CONDENSED CLIMATOLOGICAL SUMMARY

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.

Condensed climatological summary of temperature and precipitation by sections, January, 1932

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	53.5	+7.5	Selma	83	15	Valley Head	18	31	7.19	+2.21	Millry	13.87	Union Springs	3.28
Arizona	37.8	−5.4	University of Arizona.	79	19	Alpine	−23	28	0.85	−0.32	Bright Angel Ranger Station.	3.72	8 stations	0.00
Arkansas	46.2	+5.2	Dumas	80	[1] 14	Eureka Springs	11	30	9.67	+5.43	Crossett	16.51	Dutton	3.35
California	41.0	−3.2	Calistoga	81	8	Soda Springs	−24	14	3.14	−1.45	Crescent City	12.03	Imperial	0.00
Colorado	19.7	−4.3	Huerfano	72	18	Hermit	−40	27	0.77	−0.05	Cumbres	5.35	Grover	T.
Florida	66.0	+7.0	Glen St. Mary	89	17	Garniers	27	10	2.30	−0.50	Pensacola	11.90	Venus	0.09
Georgia	55.6	+8.9	Millen	87	14	Clayton	16	31	5.72	+1.51	Clayton	9.75	Brunswick	0.76
Idaho	19.8	−3.1	Glenns Ferry	58	20	2 stations	−35	[1] 25	1.85	−0.31	Roland	6.47	Challis	0.27
Illinois	35.7	+9.0	2 stations	70	14	Freeport	−6	31	3.07	+0.88	Brookport	8.51	Moline	0.95
Indiana	38.4	+10.0	Rome	74	14	2 stations	1	31	5.43	+2.30	Mount Vernon	10.90	Notre Dame	1.67
Iowa	22.5	+4.2	Keokuk	61	28	3 stations	−22	[1] 30	1.81	+0.78	Storm Lake	3.40	Melrose	0.42
Kansas	28.7	−0.8	Independence	67	13	2 stations	−14	30	1.33	+0.71	Columbus	3.25	Goodland	0.18
Kentucky	44.9	+9.3	Williamsburg	80	13	Mount Sterling	14	31	8.17	+3.82	Hopkinsville	12.97	Jenkins	4.40
Louisiana	56.9	+5.6	Lafayette	86	4	Plain Dealing	24	30	10.08	+5.38	Minden	16.59	Port Eads	3.10
Maryland-Delaware	44.7	+11.8	2 stations	80	14	2 stations	13	31	5.04	+1.81	Annapolis, Md	6.63	Picardy, Md	2.83
Michigan	31.6	+11.6	Monroe	63	15	Bessemer	−18	30	3.03	+1.15	Whitefish Point	5.66	Howard City	0.88
Minnesota	14.3	+6.6	2 stations	46	12	3 stations	−33	31	1.08	+0.36	Winona	2.93	Mahnomen	0.13
Mississippi	52.7	+5.6	Eupora	83	13	Duck Hill	21	31	10.47	+5.37	Swan Lake	17.82	Boloxi	3.29
Missouri	36.4	+5.9	2 stations	73	14	3 stations	−7	[1] 9	3.32	+1.28	New Madrid	9.92	Edgerton	0.29
Montana	18.1	−0.2	do	65	11	Kinread	−35	30	0.64	−0.24	Heron	4.36	2 stations	T.
Nebraska	20.2	−1.3	Culbertson	60	18	Columbus	−22	30	1.21	+0.66	David City	4.85	do	T.
Nevada	26.5	−4.2	Logandale	70	12	Elko	−29	25	1.32	+0.25	Lewers Ranch	5.19	Thorne	0.00
New England	32.5	+10.0	Waterbury, Conn	73	14	Van Buren, Me	−20	26	4.61	+1.20	Somerset, Vt	8.01	Presque Isle, Me	1.17
New Jersey	42.4	+12.4	3 stations	76	[1] 14	5 stations	18	[1] 1	4.50	+0.82	Tuckerton	6.09	Newton	2.79
New Mexico	28.8	−4.5	Carlsbad	78	15	Dulce	−35	1	0.88	+0.33	Kingston	3.96	Lovington	T.
New York	34.8	+12.2	2 stations	74	[1] 13	Indian Lake	−9	29	4.28	+1.37	Hoffmeister	7.96	Chazy	1.41
North Carolina	50.4	+9.1	Kinston	86	14	Mount Mitchell	1	31	4.73	+1.04	Highlands	10.23	Manteo	1.82
North Dakota	9.5	+3.3	2 stations	50	[1] 11	Willow City	−34	31	0.55	+0.06	Dunseith	1.60	2 stations	T.
Ohio	39.8	+12.0	McArthur	79	14	4 stations	7	31	5.28	+2.40	Walhonding	7.63	Cleveland	3.46
Oklahoma	40.2	+2.4	2 stations	78	[1] 14	Goodwell	2	26	4.66	+3.16	Smithville	12.70	Kenton	0.66
Oregon	29.9	−1.1	Blitzen	75	16	Seneca	−41	23	3.94	+0.07	Headworks	13.92	Enterprise	0.43
Pennsylvania	40.5	+12.6	2 stations	79	14	Mount Pocono	9	31	4.51	+1.26	Brookville	7.48	Center Hall	1.98
South Carolina	54.5	+8.8	Kingstree	85	14	Walhalla	19	31	4.93	+1.35	Caesars Head	9.82	Charleston	0.98
South Dakota	14.2	−1.3	Spearfish	57	25	Camp Crook	−31	30	0.79	+0.18	Dumont	2.15	Dowling	0.09
Tennessee	46.8	+8.1	2 stations	80	14	Elkmont	12	31	8.32	+3.64	Johnsonville	16.52	Kingsport	4.01
Texas	49.7	+1.5	Riogrande	91	[1] 16	Dalhart	3	6	4.71	+2.89	Madisonville	13.56	Grandfalls	0.00
Utah	18.0	−6.8	St. George	58	8	Woodruff	−35	14	1.33	+0.06	Soldier Summit	5.27	Green River	0.14
Virginia	46.9	+11.1	Kenbridge	82	14	2 stations	15	[1] 10	4.65	+1.46	Pennington Gap	6.96	Winchester	2.23
Washington	28.8	−1.0	4 stations	60	11	Stockdills Ranch	−16	13	5.24	−0.25	Paradise Inn	26.88	Trinidad	0.28
West Virginia	43.4	+11.2	Robertsburg	82	14	Terra Alta	7	31	4.82	+0.94	Horner	6.72	Moorefield	2.33
Wisconsin	23.2	+9.3	Racine	54	[1] 13	Blair	−33	31	1.93	+0.78	Racine	3.62	Weyerhauser	0.98
Wyoming	13.6	−4.9	Torrington	59	19	Riverside	−38	23	0.90	+0.12	Riverside	3.98	Torrington	0.02
Alaska (December)	8.8	+0.8	Dutch Harbor	53	7	Hot Springs	−49	29	2.30	−0.10	Kasaan	10.75	McKinley Park	0.06
Hawaii	70.4	+1.8	Waipahu	90	10	Kanalohuluhulu	38	17	8.87	−0.98	Honomu	45.19	2 stations	0.09
Porto Rico	73.1	0.0	San German	92	12	Guineo Reservoir	40	6	4.60	+1.02	Rio Blanco	12.32	Yauco	0.10

[1] Other dates also.

TABLE 1.—*Climatological data for Weather Bureau stations, January, 1932*

District and station	Elevation of instruments: Barometer above sea level	Elevation of instruments: Thermometer above ground	Elevation of instruments: Anemometer above ground	Pressure: Station, reduced to mean of 24 hours	Pressure: Sea level, reduced to mean of 24 hours	Pressure: Departure from normal	Temperature of the air: Mean max. + mean min. ÷ 2	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	Mean wet thermometer	Mean temperature of the dew-point	Mean relative humidity	Precipitation: Total	Precipitation: Departure from normal	Precipitation: Days with 0.01, or more	Wind: Total movement	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
	Ft.	Ft.	Ft.	In.	In.	In.	° F.	° F.	°F.		°F.	° F.		°F.	° F.	° F.	° F.	%	In.	In.		Miles								0–10	In.	In.
New England							35.3	+10.8										77	4.59	+1.1										7.4		
Eastport	76	67	85	29.98	30.07	+0.07	30.2	+9.8	58	14	38	7	31	23	34	28	24	77	4.16	+0.2	18	9,616	sw.	35	ne.	2	5	4	22	7.8	11.1	0.0
Greenville, Me.	1,070	6	----	28.86	30.06	------	22.8	------	52	14	32	−7	29	14	34	----	----	----	2.50	------	16	5,668	se.	29	------	31	4	10	17	----	15.0	----
Portland, Me.	103	82	117	29.97	30.10	+.05	32.6	+10.2	64	14	39	13	5	26	25	29	23	71	6.71	+2.7	17	7,171	n.	29	nw.	15	9	4	18	6.5	17.8	T.
Concord	289	70	79	29.77	30.10	+.05	31.8	+10.2	66	14	40	−1	5	24	41	----	----	----	3.94	+0.9	12	4,654	nw.	25	nw.	31	11	4	16	6.1	15.5	T.
Burlington	403	11	48	29.62	30.08	+.03	29.8	+11.0	60	13	37	5	11	23	28	----	----	----	2.15	+0.4	15	9,705	s.	38	s.	12	1	7	23	8.3	11.3	T.
Northfield	876	12	60	29.13	30.11	+.06	28.2	+13.0	63	13	37	0	4	19	38	25	22	82	2.63	+0.3	16	6,282	s.	25	sw.	13	0	10	21	8.2	13.5	1.7
Boston	125	106	165	29.97	30.11	+.06	38.8	+10.9	69	14	45	18	11	32	23	35	30	73	4.24	+0.6	18	6,696	w.	28	nw.	31	6	8	17	7.2	6.2	0.0
Nantucket	12	14	90	30.09	30.10	+.06	40.3	+9.0	64	14	46	24	11	35	22	38	34	82	6.30	+2.5	16	12,671	w.	57	ne.	10	5	2	24	8.3	T.	0.0
Block Island	26	11	46	30.07	30.10	+.03	40.4	+9.4	59	14	45	23	31	36	18	39	36	83	5.70	+1.9	18	13,150	w.	44	w.	31	4	7	20	7.7	1.4	0.0
Providence	160	215	251	29.94	30.12	+.06	38.6	+11.4	68	14	46	18	11	32	26	35	30	74	4.45	+0.8	16	9,133	nw.	44	nw.	27	7	7	17	6.7	6.9	0.0
Hartford	159	122	----	29.95	30.14	+.07	37.7	+12.2	70	14	44	18	5	32	27	----	----	----	4.59	+0.6	16	------	sw.	----	------	----	5	6	20	7.5	2.8	0.0
New Haven	106	74	153	30.01	30.13	+.05	39.6	+11.4	67	14	45	23	31	34	23	37	33	77	5.63	+1.6	16	7,454	n.	33	w.	27	4	9	18	7.4	2.3	0.0
Middle Atlantic States							44.8	+12.5										75	4.24	+1.0										7.3		
Albany	97	107	115	30.02	30.13	+.06	36.0	+12.9	71	13	42	16	11	29	27	33	29	76	2.83	+0.4	14	4,762	s.	27	se.	13	2	10	19	7.9	5.3	T.
Binghamton	871	10	84	29.14	30.10	+.02	37.4	+13.3	69	13	44	18	11	31	28	----	----	----	3.84	+1.4	17	5,544	nw.	25	sw.	13	1	4	26	8.7	2.7	T.
New York	314	414	454	29.78	30.13	+.03	42.8	+11.9	68	14	49	21	31	37	28	39	33	70	4.23	+0.6	16	12,497	nw.	60	nw.	27	6	4	21	7.7	1.0	0.0
Bellefonte	1,050	5	36	28.98	30.12	------	38.5	------	70	14	46	15	31	32	29	35	31	78	3.06	------	16	------	sw.	37	se.	12	1	7	23	8.4	2.7	0.0
Harrisburg	374	94	104	29.72	30.13	+.03	42.5	+13.5	73	14	49	20	31	36	28	38	33	72	4.00	+0.9	15	6,313	w.	30	w.	27	5	8	18	7.5	T.	0.0
Philadelphia	114	123	367	30.03	30.16	+.05	46.2	+13.6	73	14	52	23	31	40	28	41	36	69	4.69	+1.4	12	10,148	nw.	39	w.	27	5	7	19	7.2	0.7	0.0
Reading	325	81	103	29.79	30.16	------	43.0	+13.6	71	14	49	18	31	37	24	40	36	77	3.56	0.0	13	6,519	w.	28	w.	27	2	8	21	7.9	T.	0.0
Scranton	805	72	103	29.27	30.15	+.06	39.5	+13.0	69	13	46	19	31	33	27	36	31	74	3.35	+0.3	18	5,655	sw.	31	se.	2	3	9	19	7.8	1.0	0.0
Atlantic City	52	37	172	30.08	30.15	+.04	45.3	+12.8	67	14	51	22	31	40	22	42	38	77	5.13	+1.6	11	13,145	w.	54	e.	1	5	8	18	7.1	1.8	0.0
Cape May	17	13	49	------	------	------	45.2	+11.1	70	15	51	25	31	40	26	42	39	82	4.81	+1.4	10	------	nw.	----	------	----	2	14	15	----	0.7	0.0
Sandy Hook	22	10	55	30.10	30.12	------	43.2	------	66	14	48	23	31	38	24	40	37	79	3.43	−0.5	16	12,148	w.	43	w.	27	4	5	22	7.5	T.	0.0
Trenton	190	159	183	29.94	30.15	------	43.4	+12.9	73	14	50	20	31	36	29	39	35	75	4.18	+0.9	13	8,869	nw.	42	nw.	27	4	6	21	7.6	0.5	0.0
Baltimore	123	100	215	30.01	30.15	+.03	47.4	+13.6	79	14	54	24	31	40	27	42	37	72	5.85	+2.4	10	8,194	sw.	41	w.	27	5	8	18	7.2	0.8	0.0
Washington	112	62	85	30.03	30.16	+.03	46.8	+13.4	77	15	54	25	31	39	31	41	35	69	4.82	+1.3	12	5,595	nw.	30	nw.	27	7	6	18	7.0	T.	0.0
Cape Henry	18	8	54	30.14	30.16	------	52.1	+11.9	79	15	60	30	19	44	28	48	43	76	4.39	+1.2	10	9,414	sw.	45	e.	1	7	9	15	6.3	0.0	0.0
Lynchburg	681	153	188	29.43	30.19	+.06	48.2	+10.7	79	14	56	29	20	40	35	42	37	72	4.29	+0.9	12	5,406	w.	37	ne.	1	9	5	17	6.3	0.0	0.0
Norfolk	91	170	205	30.08	30.18	+.05	52.8	+12.2	77	14	61	32	31	45	28	47	43	74	4.53	+1.4	10	10,061	s.	39	w.	27	9	7	15	6.1	0.0	0.0
Richmond	144	11	52	30.02	30.18	+.04	49.8	+11.9	78	14	58	28	31	41	31	45	41	79	5.64	+2.4	12	6,540	sw.	27	sw.	13	8	4	19	6.3	0.6	0.0
Wytheville	2,304	49	55	27.75	30.18	+.04	43.2	+10.2	71	13	52	21	31	34	30	39	34	75	2.77	−0.3	13	5,823	w.	28	w.	27	8	7	16	6.2	T.	0.0
South Atlantic States							55.8	+10.2										78	3.42	−0.1										5.7		
Asheville	2,253	89	104	27.80	30.21	+.06	46.7	+11.3	77	13	56	24	31	37	43	41	37	76	3.99	+0.9	14	7,230	nw.	30	s.	12	10	7	14	5.7	0.0	0.0
Charlotte	779	55	62	29.34	30.19	+.04	51.9	+10.7	71	23	60	28	31	44	31	47	43	77	4.09	+0.1	12	4,856	sw.	25	w.	26	10	4	17	5.9	0.0	0.0
Greensboro	886	6	56	29.22	30.20	------	47.6	------	72	22	57	23	20	38	33	43	40	84	4.28	------	14	6,191	sw.	36	w.	30	9	7	15	6.4	0.0	0.0
Hatteras	11	5	50	30.17	30.18	+.04	56.3	+9.2	72	14	62	38	11	50	26	53	50	83	4.25	−0.2	11	9,872	sw.	35	se.	1	7	12	12	6.2	0.0	0.0
Raleigh	376	103	146	29.78	30.20	+.07	51.8	+10.7	79	14	60	30	31	43	32	47	42	75	4.12	+0.5	13	6,838	sw.	34	nw.	26	10	4	17	6.4	0.0	0.0
Wilmington	72	73	106	30.13	30.22	+.08	57.3	+10.8	78	14	67	33	31	48	33	52	48	79	2.57	−0.7	7	7,273	sw.	33	sw.	30	14	6	11	5.0	0.0	0.0
Charleston	48	11	92	30.16	30.20	+.05	60.0	+10.1	78	14	68	37	31	52	23	54	51	81	0.98	−2.0	7	7,523	sw.	25	ne.	19	13	7	11	4.8	0.0	0.0
Columbia, S. C.	351	41	57	29.82	30.21	+.06	56.0	+10.0	80	14	65	30	31	47	36	50	45	74	3.73	+0.3	9	5,584	sw.	25	sw.	30	11	10	10	5.5	0.0	0.0
Due West	711	10	55	29.43	30.21	------	52.4	------	74	29	62	28	31	43	34	----	----	----	5.10	------	13	6,478	sw.	38	nw.	26	8	7	16	6.4	0.0	0.0
Greenville, S. C.	1,039	139	146	29.07	30.19	------	51.4	+11.1	72	14	59	30	31	44	31	46	41	75	6.82	+2.0	14	6,400	ne.	30	s.	30	11	8	12	5.6	0.0	0.0
Augusta	182	62	77	29.99	30.18	+.02	57.4	+10.4	84	14	67	31	31	48	33	51	47	77	4.91	+1.0	9	3,728	nw.	24	nw.	30	13	8	10	5.0	0.9	0.0
Savannah	65	150	194	30.12	30.19	+.04	60.8	+9.4	80	14	69	35	10	52	29	54	51	80	1.72	−1.1	6	8,744	s.	30	nw.	30	11	9	11	5.4	0.0	0.0
Jacksonville	43	209	245	30.14	30.19	+.04	64.2	+8.8	81	13	72	36	10	57	26	57	54	77	0.40	−2.4	4	8,322	s.	30	sw.	30	4	19	8	5.9	0.0	0.0
Florida Peninsula							71.0	+5.5										78	2.02	−0.4										5.0		
Key West	22	10	64	30.09	30.11	+.01	73.8	+4.3	83	1	78	58	10	69	19	68	65	80	3.57	+1.6	11	8,069	e.	27	n.	9	9	17	5	4.8	0.0	0.0
Miami	25	124	168	30.13	30.16	+.03	71.6	+5.1	82	1	76	43	10	67	24	65	62	74	2.24	−0.3	10	8,898	e.	26	ne.	31	5	18	8	6.0	0.0	0.0
Tampa	35	86	197	30.13	30.17	+.05	67.6	+7.2	82	25	77	41	10	58	29	60	58	80	0.26	−2.4	2	8,873	e.	31	nw.	9	9	13	9	5.3	0.0	0.0
Titusville	44	5	----	30.14	30.19	------	67.8	------	86	30	76	38	10	59	28	----	----	----	1.12	------	7	------	se.	----	------	----	15	13	3	3.9	0.0	0.0
East Gulf States							55.4	+7.3										79	6.82	+2.1										6.2		
Atlanta	1,173	190	198	28.94	30.19	+.04	51.2	+8.6	76	13	59	26	10	44	24	47	44	80	4.58	−0.4	13	7,670	nw.	30	nw.	30	6	12	13	6.1	0.0	0.0
Macon	370	78	87	29.80	30.20	+.04	55.9	+9.1	81	14	66	29	31	46	35	49	45	75	6.66	+2.5	8	5,406	nw.	24	s.	13	11	6	14	6.0	0.0	0.0
Thomasville	273	49	103	29.89	30.19	+.03	60.2	+9.2	82	14	70	34	10	51	32	53	50	80	8.49	+4.4	7	6,451	s.	24	sw.	29	8	11	12	5.7	0.0	0.0
Apalachicola	36	11	51	30.13	30.17	------	61.4	------	76	18	68	38	31	55	26	57	55	85	5.34	+1.7	6	7,090	e.	27	se.	4	13	5	13	5.2	0.0	0.0
Pensacola	56	149	185	30.10	30.16	+.02	59.0	+6.5	73	17	66	35	31	52	29	55	52	82	11.90	+7.9	9	10,441	e.	41	s.	12	10	7	14	6.1	0.0	0.0
Anniston	741	9	57	------	------	------	51.0	+8.8	78	13	60	24	10	42	27	----	----	----	7.32	------	11	4,457	s.	21	se.	12	7	9	15	----	0.0	0.0
Birmingham	700	11	48	29.41	30.19	+.03	51.9	+6.8	78	14	60	27	31	44	27	46	43	77	6.20	+0.7	11	6,462	s.	38	se.	12	7	8	16	6.5	0.0	0.0
Mobile	57	125	161	30.09	30.15	.00	57.5	+6.0	75	15	65	37	31	50	25	53	50	80	4.55	−0.3	13	8,029	n.	34	se.	12	7	8	16	6.5	0.0	0.0
Montgomery	223	100	112	29.94	30.19	+.03	55.3	+7.1	80	14	64	32	31	47	25	50	45	74	5.86	+0.7	12	5,741	s.	25	sw.	29	8	9	14	6.3	0.0	0.0
Corinth	469	6	----	------	------	------	49.3	------	77	16	59	24	31	40	32	----	----	----	14.19	------	14	------	se.	----	------	----	3	18	10	----	0.0	0.0
Meridian	375	87	95	29.76	30.16	.00	53.0	+6.0	79	15	62	28	31	44	34	48	44	78	6.19	+0.9	10	5,176	s.	30	sw.	12	7	8	16	6.6	0.0	0.0
Vicksburg	247	65	73	29.86	30.15	.00	54.2	+6.0	78	14	62	33	31	46	36	49	44	75	9.96	+4.6	11	6,463	se.	30	nw.	29	9	4	18	6.4	0.0	0.0
New Orleans	53	76	84	30.07	30.13	.00	60.7	+6.5	81	13	67	40	31	54	30	56	53	81	5.25	+0.9	16	5,848	se.	23	e.	31	8	5	18	6.5	0.0	0.0
West Gulf States							52.7	+4.5										77	6.75	+4.0										6.2		
Shreveport	249	204	220	29.84	30.12	−.02	52.7	+5.7	76	14	61	30	30	45	32	48	43	74	10.51	+6.6	14	7,705	se.	34	nw.	29	13	7	11	5.5	0.0	0.0
Bentonville	1,303	11	44	28.67	30.04	−.10	41.1	+7.0	73	14	50	13	30	32	32	----	----	----	6.53	------	12	3,979	s.	25	sw.	26	15	5	11	----	0.0	0.0
Fort Smith	457	79	94	29.60	30.09	−.05	44.5	+5.0	78	14	53	21	30	36	33	39	34	72	5.96	+3.4	13	6,980	e.	35	sw.	26	12	7	12	5.5	0.0	0.0
Little Rock	357	136	153	29.74	30.13	−.02	48.0	+6.6	74	14	56	25	30	40	30	42	36	70	11.38	+6.6	13	6,717	n.	30	se.	12	10	6	15	6.2	T.	0.0
Austin	605	136	148	29.44	30.07	------	52.9	+3.4	75	13	62	28	30	44	34	48	44	77	6.00	+3.9	14	6,184	n.	26	nw.	4	9	6	16	6.4	0.0	0.0
Brownsville	57	83	100	29.97	30.04	------	63.8	+4.0	80	16	71	40	9	56	28	59	56	82	1.48	0.0	12	8,945	se.	34	se.	4	2	13	16	7.1	0.0	0.0
Corpus Christi	20	11	78	30.04	30.06	−.04	60.4	+4.4	78	16	67	40	30	54	25	57	54	83	1.13	−0.4	14	8,444	se.	33	se.	4	5	4	22	7.6	0.0	0.0
Dallas	512	220	227	29.53	30.10	------	48.0	------	75	14	56	28	30	40	30	----	----	----	7.53	+5.1	10	9,446	se.	35	nw.	29	14	4	13	5.1	0.2	0.0
Fort Worth	670	106	114	29.35	30.08	−.04	48.2	+2.8	76	14	57	29	30	39	27	43	38	72	9.07	+7.0	8	6,682	nw.	25	e.	4	11	7	13	5.7	0.0	0.0
Galveston	54	106	114	30.05	30.11	−.02	58.4	+4.6	72	16	64	40	30	53	24	56	53	85	6.67	+3.3	13	8,682	se.	27	n.	29	7	10	14	6.4	0.0	0.0
Houston	138	292	314	29.95	30.10	------	57.0	+4.3	79	15	64	34	30	50	28	----	----	----	5.45	+1.8	15	10,096	se.	35	se.	4	7	6	18	6.8	0.0	0.0
Palestine	510	64	72	29.57	30.11	−.01	51.6	+3.4	75	13	61	27	30	42	33	47	43	79	10.90	+7.5	12	6,404	s.	22	nw.	29	13	6	12	5.5	0.0	0.0
Port Arthur	34	58	66	30.04	30.08	------	58.2	------	76	15	65	36	30	51	29	----	----	----	7.54	+3.8	11	6,888	e.	24	ne.	31	8	10	13	6.2	0.0	0.0
San Antonio	693	242	301	29.32	30.05	−.05	55.4	+3.1	77	15	64	33	30	46	29	50	46	74	3.30	+1.8	15	8,767	n.	37	nw.	4	8	8	15	6.3	0.0	0.0
Taylor	571	38	51	29.50	30.11	.00	51.6	+4.1	76	13	61	29	30	42	34	----	----	----	7.54	+5.6	14	6,412	n.	24	s.	4	10	8	13	5.8	0.0	0.0

TABLE 1.—*Climatological data for Weather Bureau stations, January, 1932*—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, reduced to mean of 24 hours	Pressure: Sea level, reduced to mean of 24 hours	Pressure: Departure from normal	Temperature of the air: Mean max. + mean min. ÷ 2	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	Mean wet thermometer	Mean temperature of the dew-point	Mean relative humidity	Precipitation: Total	Precipitation: Departure from normal	Precipitation: Days with 0.01, or more	Wind: Total movement	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
	Ft.	Ft.	Ft.	In.	In.	In.	° F.	° F.	° F.		° F.	° F.		° F.	° F.	° F.	° F.	%	In.	In.		Miles								0–10	In.	In.
Ohio Valley and Tennessee							43.6	+10.0										77	5.93	+2.2										6.9		
Chattanooga	762	190	215	29.34	30.17	+0.01	49.4	+8.2	73	14	57	26	10	42	28	45	41	78	6.29	+1.0	11	6,244	se.	30	sw.	29	9	7	15	6.2	0.0	0.0
Knoxville	995	102	111	29.10	30.18	+.03	48.4	+9.6	74	14	57	25	31	40	35	44	40	76	5.37	+0.7	14	5,216	sw.	32	sw.	12	8	7	16	6.1	0.0	0.0
Memphis	399	78	86	29.71	30.14	−.02	48.5	+7.6	75	14	56	25	30	41	33	44	39	73	11.87	+7.1	13	5,753	e.	32	sw.	12	11	5	15	5.9	0.0	0.0
Nashville	546	168	191	29.58	30.18	+.02	46.4	+7.8	71	14	55	26	30	38	35	43	39	78	7.74	+3.0	11	7,597	s.	34	se.	12	9	6	16	6.3	T.	0.0
Lexington	989	193	230	29.09	30.19	+.06	42.8	+9.9	68	14	51	17	31	35	30	----	----	----	8.46	+4.3	14	10,506	sw.	47	w.	26	6	10	15	6.7	0.1	0.0
Louisville	525	188	234	29.56	30.16	+.02	43.3	+8.9	69	14	51	18	31	36	29	40	35	75	6.54	+2.5	14	8,046	s.	43	nw.	29	5	9	17	6.8	T.	0.0
Evansville	431	76	116	29.66	30.14	.00	43.3	+9.8	68	14	51	19	31	36	30	39	35	77	7.76	+4.0	14	7,443	s.	49	sw.	12	10	4	17	6.2	T.	T.
Indianapolis	822	194	230	29.21	30.12	.00	38.8	+10.4	66	15	46	12	31	32	34	35	31	76	6.10	+3.2	15	8,669	s.	41	sw.	12	4	10	17	7.3	0.2	0.0
Royal Center	736	11	55	29.27	30.09	------	35.4	------	65	15	42	5	31	29	33	----	----	----	2.77	+0.5	13	8,364	w.	34	sw.	12	3	6	22	8.0	0.7	0.0
Terre Haute	575	96	129	29.48	30.12	------	39.4	------	67	15	46	12	31	32	33	36	32	81	4.15	+1.4	12	7,724	s.	47	s.	12	5	6	20	7.6	T.	0.0
Cincinnati	627	11	51	29.45	30.15	+.03	41.4	+11.1	68	14	49	14	31	34	28	38	34	79	4.73	+1.2	13	6,547	sw.	30	sw.	26	7	7	17	7.0	T.	0.0
Columbus	822	216	230	29.24	30.14	+.03	40.3	+11.7	70	14	47	14	31	34	25	37	33	79	4.38	+1.3	16	9,366	sw.	41	s.	13	6	6	19	7.0	T.	0.0
Dayton	899	137	173	29.15	30.13	------	40.4	+10.9	68	14	47	13	31	34	28	37	34	80	6.14	+2.9	14	7,509	sw.	41	sw.	13	6	8	17	7.3	T.	0.0
Elkins	1,947	59	67	28.08	30.19	+.07	42.2	+11.8	72	14	51	16	31	33	38	38	34	79	3.95	+0.2	17	5,618	w.	40	w.	27	5	5	21	7.4	0.1	0.0
Parkersburg	637	77	82	29.50	30.17	+.05	43.9	+11.4	73	14	52	20	31	36	31	39	35	75	4.20	+0.6	15	5,443	se.	28	nw.	29	9	5	17	6.2	T.	0.0
Pittsburgh	842	353	410	29.22	30.14	+.03	41.8	+11.1	70	14	48	15	31	35	28	37	32	71	4.80	+1.8	16	7,491	w.	37	w.	27	4	7	20	7.8	T.	0.0
Lower Lake Region							37.0	+12.5										80	4.04	+1.5										8.4		
Buffalo	767	243	280	29.21	30.06	−.01	37.2	+12.6	61	13	42	11	31	32	27	34	31	82	4.97	+1.7	18	14,079	w.	56	w.	27	2	4	25	8.6	6.1	T.
Canton	448	10	61	29.57	30.06	------	28.9	+12.6	59	13	36	−4	4	21	36	----	----	----	3.68	+1.2	17	8,253	sw.	33	w.	13	1	8	22	8.3	12.7	T.
Ithaca	836	74	100	29.17	30.10	------	37.4	+13.1	67	13	44	16	11	31	30	34	30	77	2.00	−0.2	14	8,886	se.	34	nw.	15	1	3	27	8.9	3.7	T.
Oswego	335	71	85	29.70	30.08	+.01	35.7	+11.8	63	13	42	12	11	30	27	33	29	76	4.50	+1.6	19	9,506	s.	34	w.	31	0	2	29	9.3	15.0	7.2
Rochester	523	86	102	29.50	30.09	+.02	37.4	+12.8	64	14	43	14	31	32	30	34	30	75	3.75	+0.9	20	7,245	w.	34	w.	13	2	3	26	8.9	6.3	0.3
Syracuse	596	65	79	29.43	30.09	+.02	37.2	+14.2	68	13	44	12	11	31	28	----	----	----	3.67	+0.6	17	6,636	w.	24	w.	31	1	10	20	8.2	7.5	1.5
Erie	714	130	166	29.29	30.08	.00	39.6	+12.8	65	14	45	14	31	34	28	36	33	77	4.37	+1.6	21	12,072	w.	44	w.	27	3	5	23	8.4	0.8	T.
Cleveland	762	267	337	29.24	30.08	−.01	40.2	+13.7	70	14	47	12	31	34	32	36	31	75	3.46	+1.0	17	11,607	s.	50	s.	13	2	6	23	8.5	0.5	0.4
Sandusky	629	5	67	29.39	30.09	.00	39.0	+12.7	69	14	46	13	31	33	30	----	----	----	4.07	+1.8	17	8,331	sw.	32	sw.	13	2	8	21	8.2	T.	0.0
Toledo	628	208	243	29.39	30.09	.00	37.8	+12.0	63	14	44	12	31	32	26	35	32	80	5.17	+3.0	16	10,798	w.	47	sw.	13	3	7	21	7.6	0.6	T.
Fort Wayne	856	100	119	29.14	30.09	------	36.8	+9.9	64	15	43	7	31	31	30	34	32	88	3.84	+1.5	13	8,378	sw.	31	s.	12	3	7	21	7.8	0.8	0.0
Detroit	730	218	258	29.27	30.08	.00	36.7	+12.3	59	15	42	6	31	32	23	34	32	86	5.02	+3.0	15	9,008	sw.	41	sw.	13	3	3	25	8.6	0.9	0.0
Upper Lake Region							29.5	+10.7										84	2.66	+0.7										8.4		
Alpena	609	13	89	29.33	30.02	−.02	31.6	+12.5	52	13	36	9	31	27	23	29	26	82	2.67	+0.8	18	9,343	sw.	34	se.	17	0	4	27	8.9	10.8	0.5
Escanaba	612	54	60	29.32	30.01	−.04	26.1	+10.7	43	13	32	−9	31	20	23	25	22	84	2.93	+1.4	16	7,343	sw.	27	s.	11	6	4	21	7.5	19.9	3.5
Grand Haven	632	54	89	29.34	30.04	−.03	33.5	+9.2	53	13	38	6	31	29	26	32	30	87	3.05	+0.6	17	9,468	w.	32	sw.	6	2	1	28	9.2	3.2	1.7
Grand Rapids	707	70	244	29.25	30.04	−.02	34.2	+9.7	58	13	39	5	31	30	25	32	29	81	3.07	+0.7	16	9,518	w.	40	sw.	6	2	1	28	9.0	3.1	2.0
Houghton	668	64	99	29.23	29.98	−.07	25.0	+10.3	47	12	30	3	30	20	21	----	----	----	2.90	+0.5	21	7,385	w.	31	w.	13	3	3	25	8.8	27.7	11.2
Lansing	878	6	88	29.08	30.04	------	33.8	+11.4	55	13	39	4	31	29	25	32	31	92	2.86	+1.0	17	8,106	sw.	30	sw.	30	1	5	25	8.9	0.6	0.1
Ludington	637	60	66	29.31	30.02	------	32.2	+9.1	50	13	37	3	30	28	27	31	28	85	2.35	+0.2	20	9,152	w.	35	s.	24	3	0	28	8.9	4.7	1.3
Marquette	734	77	111	29.16	29.98	−.06	27.4	+11.1	47	13	33	−4	30	22	21	25	22	81	2.86	+0.5	18	7,569	w.	32	s.	11	0	4	27	9.1	22.9	2.5
Port Huron	638	70	120	29.34	30.05	−.01	35.2	+12.9	56	13	40	6	31	30	22	33	30	84	3.38	+1.6	19	9,067	w.	34	w.	30	3	5	23	8.5	1.6	T.
Sault Sainte Marie	614	11	52	29.29	30.01	−.02	27.1	+13.8	46	13	32	0	31	22	27	26	24	86	3.79	+1.8	26	7,523	se.	29	nw.	27	1	7	23	8.4	23.6	9.5
Chicago	673	7	131	29.33	30.08	−.02	33.6	+9.9	58	13	39	1	31	28	33	31	28	80	2.20	+0.3	13	8,486	w.	30	sw.	6	7	3	21	7.4	1.9	0.0
Green Bay	617	109	141	29.33	30.02	−.04	25.7	+10.0	46	13	32	−11	31	20	30	24	21	82	2.15	+0.6	17	8,038	sw.	30	s.	12	4	7	20	7.8	12.3	0.7
Milwaukee	681	125	221	29.28	30.04	−.04	30.4	+9.8	52	13	36	−6	31	25	32	28	26	82	1.65	−0.1	10	10,045	w.	35	sw.	6	5	6	20	7.6	7.4	T.
Duluth	1,133	5	47	28.72	30.00	−.09	17.4	+9.5	40	12	24	−23	31	10	36	16	14	84	1.31	+0.3	11	9,823	sw.	43	nw.	29	6	4	21	7.6	14.5	3.7
North Dakota							9.8	+4.8										86	0.38	−0.2										6.0		
Moorhead	940	50	58	28.99	30.06	−.08	11.4	+7.6	35	12	20	−21	31	3	33	11	9	91	0.32	−0.4	6	6,512	s.	21	s.	11	5	8	18	7.5	5.4	4.3
Bismarck	1,674	8	57	28.18	30.07	−.06	9.8	+2.0	43	25	20	−22	30	0	36	8	5	82	0.35	−0.1	6	5,835	nw.	30	nw.	13	12	8	11	5.1	4.7	3.8
Devils Lake	1,478	11	44	28.39	30.05	−.07	7.4	+5.6	39	12	16	−28	30	−2	33	7	5	91	0.35	−0.1	6	7,226	nw.	31	n.	12	9	9	13	6.2	4.6	3.4
Ellendale	1,457	10	56	28.48	30.05	------	8.0	------	34	12	17	−23	30	−1	31	----	----	----	0.28	−0.2	8	9,889	nw.	38	n.	13	8	4	19	6.9	8.4	11.5
Grand Forks	833	12	67	------	------	------	9.4	------	35	12	18	−24	31	1	29	9	----	----	0.34	------	3	------	nw.	38	se.	11	8	7	16	----	5.4	9.2
Williston	1,878	41	48	27.98	30.06	−.05	10.6	+4.2	43	11	20	−24	30	2	42	8	5	81	0.59	0.0	4	5,470	sw.	28	n.	12	15	7	9	4.5	6.3	5.4
Upper Mississippi Valley							29.0	+7.6										83	2.16	+0.6										7.4		
Minneapolis	918	102	208	29.01	30.04	------	18.1	+5.4	42	12	25	−17	31	11	33	----	----	----	1.70	+0.8	11	7,816	w.	27	nw.	29	4	7	20	7.8	18.7	5.0
St. Paul	837	114	149	29.09	30.03	−.08	18.0	+5.4	41	12	26	−16	31	10	36	----	----	----	1.94	+1.0	13	6,851	sw.	29	sw.	11	5	5	21	7.6	22.6	4.0
La Crosse	714	11	48	29.25	30.05	−.06	22.6	+6.5	44	12	30	−13	31	15	37	21	19	87	2.26	+1.2	16	4,357	w.	18	s.	11	5	2	24	7.9	18.9	2.0
Madison	974	70	78	28.96	30.05	−.05	25.9	+9.2	46	13	32	−10	31	20	34	25	23	88	1.04	−0.3	12	6,597	w.	27	s.	19	5	5	21	7.7	3.9	T.
Wausau	1,247	4	62	28.63	30.02	------	21.3	------	40	13	28	−19	31	15	35	----	----	----	1.92	+0.7	19	5,026	w.	21	e.	16	4	1	26	8.5	17.9	5.0
Charles City	1,015	10	51	28.96	30.08	−.06	19.4	+5.7	40	25	27	−15	31	12	40	19	17	86	2.37	+1.3	11	5,680	w.	20	nw.	29	6	5	20	7.1	16.5	2.7
Davenport	606	118	143	29.40	30.08	−.04	30.0	+8.2	56	28	36	−4	30	24	32	28	24	78	1.05	−0.4	8	8,508	w.	30	sw.	19	8	2	21	7.3	0.8	T.
Des Moines	861	5	99	29.15	30.09	−.05	24.5	+4.4	51	20	32	−8	30	17	37	23	20	84	1.85	+0.8	10	7,193	nw.	25	nw.	29	7	6	18	6.8	11.2	0.4
Dubuque	700	81	96	29.29	30.07	−.05	26.5	+7.4	46	25	33	−8	31	20	38	25	22	84	1.21	−0.1	8	5,254	nw.	20	s.	19	7	4	20	7.1	3.1	T.
Keokuk	614	64	78	29.41	30.11	−.03	32.7	+7.8	61	28	39	−1	30	26	30	30	26	77	1.28	−0.3	9	6,451	sw.	24	w.	17	6	1	24	7.4	1.7	0.0
Cairo	358	87	93	29.73	30.13	−.03	44.1	+9.2	68	14	52	20	30	37	29	40	37	81	7.02	+3.3	13	6,980	s.	35	sw.	12	8	4	19	6.8	0.9	T.
Peoria	609	11	45	29.42	30.11	−.01	33.2	+10.1	60	13	40	1	30	26	36	30	28	83	2.51	+0.7	9	6,222	w.	20	w.	6	6	6	19	7.3	1.6	0.0
Springfield, Ill.	636	5	191	29.40	30.09	−.04	36.0	+9.5	60	13	42	6	30	30	32	33	30	84	2.16	+0.1	11	8,699	s.	25	w.	6	5	7	19	7.5	0.2	0.0
Hannibal	534	74	109	29.51	30.11	−.02	35.5	+8.4	63	13	42	5	30	29	30	----	----	----	1.53	−0.2	10	7,047	sw.	24	w.	6	5	6	20	7.5	0.2	0.0
St. Louis	568	265	303	29.48	30.10	−.04	39.8	+9.0	68	13	47	13	30	32	31	35	31	76	2.50	+0.2	12	9,186	s.	31	se.	12	9	5	17	6.5	0.1	0.0
Missouri Valley							24.2	+1.4										82	1.45	+0.4										6.3		
Columbia, Mo.	784	6	84	29.24	30.10	−.03	36.2	+7.0	64	20	43	5	30	29	26	----	----	----	1.79	−0.1	12	6,722	w.	21	sw.	20	5	8	18	7.1	T.	0.0
Kansas City	963	161	181	29.04	30.11	−.04	32.8	+4.6	60	20	40	4	30	26	24	30	26	78	1.12	−0.1	11	7,693	sw.	26	sw.	16	6	13	12	6.1	2.4	0.0
St. Joseph	967	11	49	29.02	30.09	------	29.0	------	58	20	36	−3	30	22	27	26	24	84	1.30	+0.2	7	6,771	nw.	29	nw.	29	10	7	14	6.2	3.5	0.0
Springfield, Mo.	1,324	98	104	28.64	30.08	−.06	38.8	+5.3	71	14	47	9	30	30	34	35	30	75	3.79	+1.4	11	8,246	s.	31	se.	11	10	11	10	5.2	T.	0.0
Iola	984	11	50	29.00	30.09	−.05	34.5	+4.7	64	13	43	6	30	26	34	----	----	----	1.67	+0.4	11	5,579	s.	21	s.	19	12	5	14	5.7	0.1	0.0
Topeka	987	92	107	------	------	------	30.3	+2.7	60	20	38	2	30	23	27	----	----	----	0.88	−0.1	8	6,915	nw.	24	sw.	19	7	9	15	6.2	1.4	0.0
Lincoln	1,189	11	81	28.79	30.12	−.03	20.2	−2.6	42	12	28	−9	30	13	32	19	17	84	1.92	+1.3	7	6,884	nw.	27	nw.	29	7	9	15	6.5	14.5	4.0
Omaha	1,105	115	122	28.88	30.12	−.03	21.2	−0.7	43	19	28	−9	30	14	27	20	18	86	2.80	+2.1	9	6,328	nw.	25	nw.	29	8	4	19	6.8	25.4	7.3
Valentine	2,598	47	54	27.27	30.12	.00	17.0	−1.9	42	19	26	−10	30	9	31	15	13	88	0.15	−0.3	7	6,260	w.	26	sw.	11	7	10	14	6.1	1.7	2.4
Sioux City	1,135	94	164	28.82	30.10	−.05	17.0	−0.8	39	12	24	−12	30	10	28	16	13	86	1.91	+1.2	9	8,104	nw.	34	nw.	29	6	8	17	7.1	21.9	6.0
Huron	1,306	59	74	28.63	30.11	−.05	11.5	+0.2	37	12	20	−20	30	3	33	11	8	84	0.39	−0.2	9	6,871	nw.	27	nw.	28	12	6	13	5.5	6.1	7.5
Pierre	1,572	70	75	28.35	30.10	−.03	14.6	−1.4	42	11	24	−15	30	6	30	13	7	71	0.17	−0.3	6	6,026	nw.	32	nw.	12	10	8	13	5.7	2.5	1.5
Yankton	1,233	49	57	28.73	30.11	−.05	16.7	−0.6	41	19	24	−13	30	9	29	----	----	----	0.93	+0.3	6	6,097	nw.	27	nw.	29	7	4	20	7.1	12.0	4.0

TABLE 1.—*Climatological data for Weather Bureau stations, January, 1932*—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, reduced to mean of 24 hours	Pressure: Sea level, reduced to mean of 24 hours	Pressure: Departure from normal	Temperature of the air: Mean max. + mean min. ÷ 2	Temperature: Departure from normal	Temperature: Maximum	Temperature: Date	Temperature: Mean maximum	Temperature: Minimum	Temperature: Date	Temperature: Mean minimum	Temperature: Greatest daily range	Mean wet thermometer	Mean temperature of the dew-point	Mean relative humidity	Precipitation: Total	Precipitation: Departure from normal	Precipitation: Days with 0.01, or more	Wind: Total movement	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
	Ft.	Ft.	Ft.	In.	In.	In.	° F.	° F.	° F.		° F.	° F.		° F.	° F.	° F.	° F.	%	In.	In.		Miles								0–10	In.	In.
Northern Slope							18.1	−1.2										77	0.70	−0.1										6.0		
Billings	3,140	5					20.5		54	11	32	−21	14	10	51				0.74		6		nw.				15	7	9		9.9	
Havre	2,505	11	67	27.32	30.06	−0.04	18.4	+5.5	52	11	28	−20	31	8	37	16	12	80	0.20	−0.5	6	7,964	sw.	35	sw.	25	8	12	11	5.7	3.9	0.1
Helena	4,124	89	113	25.74	30.09	−.06	20.6	+0.4	56	11	28	−22	31	13	32	18	12	66	0.57	−0.3	5	6,119	sw.	54	sw.	11	3	7	21	7.4	10.9	2.0
Kalispell	2,973	48	56	26.93	30.12	.00	19.7	−0.7	48	11	26	−10	31	13	31	18	17	88	1.18	−0.4	16	3,809	nw.	24	sw.	11	0	9	22	8.6	15.5	12.0
Miles City	2,371	48	55	27.46	30.13	+.01	15.2	+0.7	48	11	25	−20	14	5	43	13	10	84	0.76	+0.1	7	3,946	s.	27	nw.	6	9	13	9	5.5	8.6	6.7
Rapid City	3,259	50	58	26.53	30.11	+.01	21.8	−0.2	53	25	32	−14	30	11	43	18	13	75	0.51	+0.1	8	5,185	w.	24	nw.	22	13	5	13	5.5	5.2	1.5
Cheyenne	6,088	84	101	23.86	30.07	+.02	21.4	−4.1	52	12	32	−2	13	11	48	17	9	63	0.31	−0.1	5	10,013	w.	46	w.	17	12	12	7	4.6	4.1	T.
Lander	5,372	60	68	24.55	30.19	+.07	9.6	−8.7	50	11	22	−28	14	−2	44	7	5	89	0.93	+0.4	9	2,680	sw.	24	sw.	12	14	9	8	4.3	11.4	8.6
Sheridan	3,790	10	47	26.03	30.11		15.2		58	11	29	−25	30	1	51	12	7	71	1.31	+0.5	13	3,827	nw.	30	nw.	6	9	11	11	5.5	15.4	8.0
Yellowstone Park	6,241	11	48	23.78	30.17	+.03	13.7	−3.9	35	19	22	−15	31	5	38	12	8	76	0.83	−0.8	16	6,081	s.	30	sw.	11	4	8	19	7.5	20.2	20.8
North Platte	2,821	11	51	27.05	30.10	−.02	22.8	−0.1	56	19	32	−8	30	14	31	20	17	81	0.41	0.0	7	5,404	w.	27	n.	5	9	9	13	5.8	4.7	2.6
Middle Slope							29.6	−0.8										74	1.66	+1.0										5.1		
Denver	5,292	106	113	24.62	30.04	−.01	27.8	−2.0	61	12	38	6	30	18	38	22	11	53	0.53	+0.1	7	5,865	s.	28	w.	28	15	8	8	4.7	9.2	0.2
Pueblo	4,685	80	86	25.21	30.03	−.02	28.2	−1.7	71	19	42	0	30	14	50	23	14	58	0.52	+0.2	7	5,543	nw.	37	w.	12	15	11	5	4.3	6.4	1.0
Concordia	1,392	50	58	28.60	30.14	.00	23.4	−3.0	48	19	30	−2	30	16	25	22	20	90	1.24	+0.6	7	6,036	w.	23	n.	5	10	9	12	5.4	12.1	1.5
Dodge City	2,509	88	100	27.42	30.12	+.01	26.3	−2.7	49	19	34	0	31	18	29	24	22	86	1.28	+0.9	8	8,505	nw.	35	ne.	5	13	8	10	4.9	12.5	T.
Wichita	1,358	139	158	28.61	30.09	−.04	32.4	+1.1	57	20	40	5	30	25	26	29	25	79	1.49	+0.7	10	8,277	s.	35	s.	19	11	4	16	5.8	4.5	T.
Oklahoma City	1,214	10	47	28.76	30.08	−.03	39.8	+3.4	69	13	48	17	30	31	30	35	31	77	4.92	+3.7	11	7,705	s.	24	w.	26	12	6	13	5.5	T.	0.0
Southern Slope							43.1	+0.4										66	1.06	+0.4										4.8		
Abilene	1,738	10	52	28.24	30.08	−.01	45.3	+1.1	75	13	56	25	24	35	34	39	33	70	1.68	+0.7	7	7,446	s.	28	s.	31	12	7	12	5.5	T.	0.0
Amarillo	3,676	10	49	26.24	30.06	.00	35.2	−0.1	62	19	45	13	6	25	35	29	24	71	1.60	+1.1	4	7,039	sw.	33	sw.	12	12	11	8	4.7	15.9	0.0
Big Spring	2,537	5	62				43.2		73	28	55	22	30	32	39				0.98		3		s.				12	14	5		T.	0.0
Del Rio	944	64	71	29.02	30.02	−.04	53.3	+1.0	76	28	64	26	30	43	44	46	39	65	0.32	−0.2	8	6,349	se.	31	n.	29	12	7	12	5.3	0.0	0.0
Roswell	3,566	75	85	26.36	30.05	+.01	38.8	−0.5	69	20	52	16	8	26	41	31	21	57	0.65	+0.1	2	5,770	s.	37	sw.	28	16	10	5	3.9	2.8	0.0
Southern Plateau							36.8	−3.9										57	0.32	−0.3										3.2		
El Paso	3,778	152	175	26.19	30.04	+.03	42.8	−2.2	70	19	55	20	30	31	38	34	22	47	0.17	−0.3	2	7,791	nw.	39	w.	12	18	6	7	3.5	0.3	0.0
Albuquerque	4,972	51	66	25.03	30.08		29.4		56	20	41	5	7	18	35	24	16	62	0.45		5	4,153	ne.	33	se.	23	16	6	9	4.4	4.4	0.0
Santa Fe	7,013	38	53	23.14	30.09	+.05	22.9	−5.9	46	20	33	0	26	13	31	19	13	68	0.93	+0.3	10	4,018	n.	19	n.	6	15	8	8	4.6	15.0	1.2
Flagstaff	6,907	10	59	23.25	30.03	−.02	19.8	−6.9	49	9	34	−12	29	5	42	18		82	1.24		7	6,610	nw.	32	sw.	12	12	11	8		14.2	4.0
Phoenix	1,108	10	107	28.88	30.06	+.03	47.0	−4.2	73	19	60	27	26	34	36	38	25	48	0.10	−0.7	1	4,137	e.	23	n.	23	25	2	4	1.9	0.0	0.0
Yuma	141	9	54	29.95	30.10	+.05	50.8	−3.6	71	12	63	26	25	38	34	40	24	37	T.	−0.4	0	5,213	n.	34	n.	10	25	6	0	1.5	0.0	0.0
Independence	3,957	6	27	26.00	30.11	+.04	37.4	−0.8	63	7	49	8	16	26	35	29			0.42	−0.5	4		nw.				19	4	8		5.0	0.0
Middle Plateau							23.0	−5.2										77	1.00	−0.1										6.0		
Reno	4,532	74	81	25.49	30.16	+.03	29.8	−2.7	60	11	39	−2	14	20	31	26	21	69	1.56	0.0	9	5,039	w.	32	sw.	11	10	7	14	5.4	15.9	3.5
Tonopah	6,090	12	20				23.2		47	11	29	3	23	17	19	20	16	71	0.15		3		se.									
Winnemucca	4,344	18	56	25.67	30.21	+.05	23.4	−5.2	54	11	34	−6	25	13	30	21	19	84	1.43	+0.4	12	6,072	sw.	31	sw.	11	6	7	18	6.6	13.3	8.8
Modena	5,473	10	43	24.60	30.15	+.05	16.2	−10.5	43	9	29	−12	24	3	36	15	12	82	0.41	−0.4	8	6,477	w.	31	sw.	12	12	8	11	5.4	10.8	6.0
Salt Lake City	4,360	163	203	25.65	30.16	+.01	23.9	−5.3	45	12	30	1	26	18	30	22	18	75	1.27	0.0	14	4,474	nw.	30	s.	11	5	9	17	6.9	18.7	9.8
Grand Junction	4,602	60	68	25.39	30.09	+.03	21.8	−2.2	44	12	31	−1	26	12	28	18	15	80	0.31	−0.3	7	3,638	nw.	28	sw.	12	9	13	9	5.5	3.7	1.0
Northern Plateau							26.5	−2.0										81	1.38	−0.2										7.9		
Baker	3,471	48	53	26.49	30.20	+.04	20.7	−4.2	45	9	29	−4	25	13	24	19	15	76	1.35	0.0	17	4,900	se.	21	se.	11	4	6	21	7.7	11.8	12.5
Boise	2,739	79	87	27.26	30.22	+.03	27.2	−2.6	51	11	34	7	25	21	21	25	21	78	1.09	−0.6	14	4,379	se.	21	se.	31	6	5	20	7.3	8.9	0.0
Lewiston	757	40	48	29.31	30.14	−.02	33.0	+0.5	56	11	38	15	31	28	21				0.97	−0.5	12	3,611	e.	19	w.	11	2	5	24	8.3	4.6	1.3
Pocatello	4,477	60	68	25.49	30.19	−.01	19.3	−5.4	40	18	26	−9	25	12	23	19	17	87	1.97	+0.6	18	6,989	se.	38	sw.	27	3	6	22	7.7	27.4	14.5
Spokane	1,929	101	110	28.01	30.13	+.01	26.1	−1.4	46	11	31	2	29	21	21	25	23	88	1.99	−0.2	16	4,423	s.	26	sw.	11	2	4	25	8.8	20.4	10.8
Walla Walla	991	57	65	29.03	30.14	−.01	33.1	+0.4	60	11	39	14	31	27	27	31	27	78	1.51	−0.4	13	3,849	s.	30	w.	11	2	7	22	8.3	8.3	4.3
Yakima	1,076	58	67	28.95	30.15		26.3	−1.1	60	11	35	8	24	18	35	24	20	77	0.76	−0.5	7	2,920	nw.	31	sw.	11	4	8	19	7.5	8.0	7.6
North Pacific Coast Region							39.6	−0.8										86	5.62	−0.8										8.4		
North Head	211	11	56	29.86	30.10	+.05	40.8	−1.3	52	23	44	23	31	37	18	39	37	88	8.37	−0.4	24	11,673	se.	56	s.	26	2	6	23	8.5	3.0	T.
Port Angeles	29	8	53		30.10		37.6		52	11	42	19	31	33	18				4.05	−0.5	22	5,515	s.	32	w.	11	1	10	20		14.7	6.5
Seattle	125	215	250	29.94	30.08	+.03	38.8	−0.7	52	11	43	22	31	35	16	37	34	82	3.55	−1.4	20	6,386	se.	36	sw.	11	2	8	21	8.2	4.8	1.2
Tacoma	194	172	201	29.88	30.09	+.05	38.5	−0.3	53	10	43	24	31	34	21				5.06	−1.1	22	6,357	s.	37	n.	31	0	7	24	8.5	13.0	3.5
Tatoosh Island	86	9	53	29.94	30.04	+.06	40.2	−1.0	48	19	43	24	30	38	13	38	36	88	12.04	+0.2	25	13,087	e.	54	e.	31	3	3	25	8.2	7.2	T.
Medford	1,329	29	58	28.74	30.19		35.6		52	11	41	19	14	30	26	34	32	88	2.03	−0.8	13	3,353	nw.	36	se.	14	2	4	25	8.5	12.4	T.
Portland, Oreg.	153	68	106	29.97	30.14	+.06	39.8	+0.4	54	11	44	22	31	35	19	38	35	83	5.63	−1.0	23	4,856	se.	24	sw.	11	3	2	26	8.6	9.8	3.7
Roseburg	510	75	99	29.61	30.18	+.08	39.6	−1.6	58	11	46	22	24	34	28	38	36	84	4.27	−1.0	19	3,228	s.	24	sw.	11	2	7	22	8.4	11.6	1.0
Middle Pacific Coast Region							45.9	−1.4										78	3.04	−1.6										5.6		
Eureka	62	73	89	30.13	30.20	+.10	44.4	−2.5	58	8	50	31	13	39	19	43	40	86	6.84	−0.3	16	5,113	se.	34	nw.	11	7	5	19	6.7	1.6	0.0
Red Bluff	330	5	58	29.79	30.16	+.04	44.8	−1.0	71	7	53	28	24	36	29	40	34	69	1.78	−3.0	7	4,743	n.	24	se.	31	11	6	14	5.7	12.8	0.0
Sacramento	69	106	117	30.08	30.16	+.04	44.0	−1.8	65	10	51	31	14	37	22	42	39	82	1.09	−2.6	10	5,889	se.	38	se.	14	11	11	9	4.5	1.0	0.0
San Francisco	155	208	243	29.99	30.16	+.05	49.3	−0.6	68	10	55	38	14	44	17	45	40	74	3.23	−1.3	14	5,069	nw.	26	se.	14	7	14	10	5.6	0.0	0.0
San Jose	141	12	110	30.02	30.18		47.0	−1.3	70	10	56	31	25	38	25				2.28	−0.7	12	4,991	nw.	32	se.	14	9	11	11	5.4	T.	0.0
South Pacific Coast Region							50.1	−1.6										68	2.09	−0.2										4.3		
Fresno	327	89	98	29.82	30.18	+.08	44.8	−1.4	59	11	55	31	14	37	22	42	38	78	1.87	+0.1	8	4,073	nw.	25	nw.	12	8	13	10	5.6	T.	0.0
Los Angeles	338	159	191	29.76	30.12	+.04	53.3	−1.3	75	18	62	34	15	45	26	45	36	56	2.94	−0.2	8	4,734	ne.	27	nw.	28	16	11	4	3.1	2.0	0.0
San Diego	87	62	70	30.02	30.12	+.05	52.2	−2.1	71	11	61	35	24	44	25	47	42	70	1.45	−0.6	8	4,567	nw.	23	w.	13	15	8	8	4.2	0.0	0.0
West Indies																																
San Juan, P. R.	82	9	54	29.93	30.02		75.1	+0.1	83	3	80	66	9	70	16				6.27	+2.1	24	10,778	e.	37	e.	14	6	23	2	5.1	0.0	0.0
Panama Canal																																
Balboa Heights	118	6	97		[1]29.84		79.9	0.0	91	20	88	67	10	72	22			[1]79	0.38	−0.4	5	5,542	n.	22	n.	4	3	25	3	6.0	0.0	0.0
Cristobal	36	6	97		[1]29.86		81.3	−0.2	87	4	86	71	11	77	14	74	72	[1]77	1.44	−2.0	17	9,827	n.	26	n.	31	6	13	12	5.8	0.0	0.0
Alaska																																
Fairbanks	455	11	44	[2]29.44	[2]30.02		−21.0		24	31	−11	−54	5	−31	43	−20	−24	78	1.08		12	1,595	n.	13	sw.	23	9	6	16	6.4	13.6	33.0
Juneau	80	11	50	[2]29.72	[2]29.81		27.9		43	8	31	10	29	24	14	26	22	79	11.78		21	5,673	s.	27	se.	22	8	2	21	7.2	37.3	5.9
Hawaiian Islands																																
Honolulu	38	86	100	[1]29.97	[1]30.01		73.2	+2.3	81	8	78	65	17	69	14	67	65	78	1.52	−2.3	11	6,809	e.	28	e.	11	8	20	3	4.8	0.0	0.0

[1] Observations taken bihourly.

[2] Pressure not reduced to mean of 24 hours.

TABLE 2.—*Data furnished by the Canadian Meterological Service, January, 1932*

Stations	Altitude above mean sea level, Jan. 1, 1919	Pressure			Temperature of the air						Precipitation		
		Station reduced to mean of 24 hours	Sea level reduced to mean of 24 hours	Departure from normal	Mean max.+mean min.÷2	Departure from normal	Mean maximum	Mean minimum	Highest	Lowest	Total	Departure from normal	Total snowfall
	Feet	*Inches*	*Inches*	*Inches*	°*F.*	°*F.*	°*F.*	°*F.*	°*F.*	°*F.*	*Inches*	*Inches*	*Inches*
Cape Race, N. F	99												
Sydney, C. B. I	48												
Halifax, N. S	88												
Yarmouth, N. S	65												
Charlottetown, P. E. I	38												
Chatham, N. B	28												
Father Point, Que	20												
Quebec, Que	296	29.73	30.07	+0.05	21.7	+12.6	27.8	15.5	47	−4	4.86	+0.85	24.6
Doucet, Que	1,236				13.2		25.4	1.1	46	−37	3.62		23.1
Montreal, Que	187	29.84	30.06	+.02	26.4	+14.7	32.9	19.9	53	0	4.57	+0.84	14.6
Ottawa, Ont	236	29.80	30.08	+.05	26.9	+17.3	33.8	20.0	54	−4	4.08	+1.09	19.9
Kingston, Ont	285	29.75	30.08	+.03	31.6	+14.5	37.7	25.6	53	4	3.46	+0.01	7.6
Toronto, Ont	379	29.64	30.06	+.01	35.3	+13.9	39.9	30.6	56	13	6.84	+3.92	15.2
Cochrane, Ont	930				12.0		21.0	3.0	43	−31	3.06		25.8
White River, Ont	1,244	28.59	29.96	−.05	12.2	+12.6	21.9	2.5	41	−26	2.28	+0.59	20.8
London, Ont	808				34.3		39.7	28.9	58	5	6.04		6.9
Southampton, Ont	656	29.29	30.02	−.01	32.4	+12.0	37.9	26.9	56	7	3.71	−0.34	12.7
Parry Sound, Ont	688												
Port Arthur, Ont	644	29.26	29.99	−.08	18.9	+15.8	25.8	12.1	42	−16	1.53	+0.71	15.3
Winnipeg, Man	760												
Minnedosa, Man	1,690	28.12	30.04	−.06	4.0	+11.2	14.6	−6.5	35	−39	1.45	+0.65	14.5
Le Pas, Man	860				−1.7		6.7	−10.0	37	−31	0.40		4.0
Qu'Appelle, Sask	2,115	27.63	30.00	−.08	4.5	+8.3	11.9	−2.9	40	−33	0.62	+0.12	6.2
Moose Jaw, Sask	1,759				7.8		18.0	−2.4	43	−32	0.52		5.2
Swift Current, Sask	2,392	27.33	29.99	−.10	10.7	+7.6	20.2	1.1	42	−34	0.88	+0.24	7.8
Medicine Hat, Alb	2,365												
Calgary, Alb	3,540												
Banff, Alb	4,521												
Prince Albert, Sask	1,450	28.41	30.08	−.01	2.2	+10.6	13.2	−8.7	40	−41	0.48	−0.49	4.8
Battleford, Sask	1,592	28.22	30.07	−.01	0.0	+5.9	9.7	−9.7	39	−49	1.62	+1.22	11.8
Edmonton, Alb	2,150												
Kamloops, B. C	1,262												
Victoria, B. C	230	29.81	30.07	+.10	38.0	−0.5	41.3	34.7	50	16	4.29	−1.10	0.6
Barkerville, B. C	4,180												
Estevan Point, B. C	20												
Prince Rupert, B. C	170												
Hamilton, Ber	151												

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Father Point, Que	20	29.91	29.94	−.01	21.0	+5.6	27.3	14.8	42	−4	2.68	−0.15	26.6
Winnipeg, Man	760	29.17	30.04	+.02	19.3	+15.2	25.2	13.4	37	−12	0.12	−0.79	0.8
Medicine Hat, Alb	2,365	27.33	29.87	−.10	22.1	+3.9	31.0	13.3	48	−16	2.04	+1.49	17.9
Calgary, Alb	3,540	26.06	29.84	−.10	22.0	+3.8	30.4	13.6	46	−8	1.55	+0.96	15.5
Banff, Alb	4,521	25.16	29.90	−.04	18.8	−0.3	25.6	12.1	40	−8	1.32	+0.11	12.8
Kamloops, B. C	1,262	28.60	29.93	−.01	27.6	−1.3	32.3	23.0	48	−1	1.17	+0.39	11.7
Estevan Point, B. C	20				40.2		45.8	34.7	50	26	13.58		0.0
Prince Rupert, B. C	170				37.6		41.8	33.5	52	24	11.28		0.5