CLIMATOLOGICAL TABLES[1]

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, May, 1928

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	69.5	−1.8	Brewton	99	31	2 stations	38	[2] 8	3.64	−0.33	Riverton	6.32	Alaga	0.23
Arizona	70.0	+2.5	Buckeye	111	25	Williams	20	4	0.46	+0.19	Alpine	2.30	17 stations	0.00
Arkansas	69.5	+0.5	Portland	98	10	Thornburg	34	8	3.60	−1.42	Mountain Home	7.35	Amity	0.99
California	64.6	+4.0	Greenland Ranch	116	27	Helm Creek	9	1	0.52	−0.58	Lake Sebrina	3.82	35 stations	0.00
Colorado	53.4	+1.8	Wray	103	1	Longs Peak	11	4	3.25	+1.47	Hawthorne	7.26	Nast	0.56
Florida	73.0	−2.5	Homestead	97	28	3 stations	40	9	3.66	−0.29	Miami	10.67	Cedar Keys	0.82
Georgia	69.3	−2.3	Americus	98	31	Tallapoosa	37	9	3.99	+0.49	Dahlonega	8.78	Americus	0.64
Idaho	58.4	+5.5	Kooskia	104	25	Seafoam	11	2	0.53	−1.13	Grays Lake	2.00	5 stations	0.00
Illinois	63.3	+0.7	Jacksonville	96	10	Mount Carroll	27	7	2.55	−1.45	Casey	6.24	Edwardsville	0.94
Indiana	61.0	−1.2	Hobart	94	3	Wheatfield	24	13	2.95	−1.06	Paoli	5.39	Moores Hill	1.39
Iowa	62.6	+2.5	4 stations	93	[2] 9	Webster	26	12	2.47	−2.11	Red Oak	6.19	Albia	0.61
Kansas	64.9	+1.5	Anthony	101	31	Goodland	32	[2] 3	3.53	−0.21	Deerfield	8.77	Bazaar	0.94
Kentucky	63.2	−2.4	Quicksand	94	3	Farmers	29	8	3.55	−0.42	Williamsburg	6.99	Maysville	0.94
Louisiana	72.7	−0.9	Dodson	98	30	4 stations	40	[2] 7	4.03	−0.40	Angola	8.71	Crowley	1.06
Maryland-Delaware	60.5	−2.1	2 stations	96	5	Oakland, Md	23	13	2.45	−1.14	Rock Hall, Md	4.81	Hancock, Md	0.75
Michigan	54.0	+0.1	Bangor	92	3	2 stations	18	13	2.36	−0.78	Lansing	4.47	Frankfort	0.57
Minnesota	58.1	+3.8	Milan	99	9	Hallock	20	12	1.28	−1.79	Albert Lea	3.35	New London	T.
Mississippi	70.7	−0.9	Aberdeen	98	31	2 stations	37	[2] 8	4.26	−0.26	Woodville	14.20	Meridian	1.15
Missouri	65.8	+1.2	Lamonte	95	30	Jackson	29	8	2.84	−1.86	Seligman	6.37	Edgerton	0.78
Montana	57.3	+5.9	2 stations	98	[2] 23	Browning	9	1	0.67	−1.51	Adel	3.73	Melstone	0.02
Nebraska	62.2	+3.2	McCook	102	30	2 stations	28	[2] 5	3.49	−0.06	Hayes Center	8.18	Bertrand	0.90
Nevada	61.8	+5.4	2 stations	106	[2] 29	Rye Patch	15	3	0.23	−0.60	Sharp	1.15	2 stations	0.00
New England	53.2	−1.7	Pittsfield, Mass	88	6	2 stations	21	[2] 8	3.31	−0.08	Gardiner, Me	7.44	Providence, R. I	1.18
New Jersey	58.0	−2.2	2 stations	93	5	Layton	27	10	2.23	−1.47	Atlantic City	3.49	Phillipsburg	1.26
New Mexico	60.0	+0.4	Cambray	102	[2] 29	Selsor Ranch	19	[2] 5	2.60	+1.47	Fort Sumner	7.24	Lindrith	0.69
New York	54.7	−1.1	2 stations	93	4	Allegany State Park	18	13	2.46	−1.08	Jeffersonville	5.54	Lockport	0.94
North Carolina	64.3	−2.2	Greenville	96	4	Mount Mitchell	24	8	4.76	+0.73	Mount Mitchell	9.13	Beaufort	1.54
North Dakota	58.2	+5.6	Berthold Agency	107	24	Eckman	16	12	1.15	−1.40	Richardson	3.34	Ashley	0.22
Ohio	59.1	−1.3	Middleport	93	4	4 stations	26	[2] 8	1.77	−1.93	Napoleon	3.90	2 stations	0.68
Oklahoma	69.3	+1.4	Hobart	105	31	Goodwell	36	5	3.93	−0.47	Boise City	7.72	Meeker	1.57
Oregon	58.6	+4.8	Oakridge	102	24	2 stations	10	2	0.46	−1.32	Valsetz	2.65	2 stations	0.00
Pennsylvania	58.0	−1.5	Lancaster	95	4	2 stations	20	13	2.23	−1.76	York Haven	5.10	Erie	0.65
South Carolina	67.7	−3.2	6 stations	94	[2] 18	Little Mountain	40	9	5.22	+1.65	Clemson College	8.87	Charleston	1.05
South Dakota	61.0	+5.1	Forestburg	104	9	Castlewood	23	12	1.53	−1.46	Vermillion	4.53	Eureka	0.11
Tennessee	65.4	−1.3	5 stations	91	[2] 3	Rugby	31	9	4.92	+0.80	Gatlinburg	9.76	Lewisburg	2.06
Texas	73.1	0.0	Hebbronville	109	28	Miami	35	5	3.37	−0.29	Abilene	12.03	Beaumont	0.23
Utah	59.7	+4.0	Saint George	103	29	Great Basin Experiment Station (Alpine).	12	3	1.48	+0.21	Soldier Summit	6.11	Lucin	T.
Virginia	63.2	−1.4	2 stations	96	[2] 4	2 stations	29	[2] 13	2.63	−1.32	Marion	6.50	Lynchburg	0.66
Washington	58.3	+4.2	Wahluke	103	25	2 stations	20	[2] 1	0.97	−1.15	Heather Meadows	5.28	Trinidad	0.00
West Virginia	58.9	−3.0	6 stations	94	[2] 3	Bayard	22	[2] 13	2.61	−1.44	Bayard	5.30	Upper Tract	0.55
Wisconsin	56.9	+2.2	New London	95	24	Prentice	19	12	2.09	−1.83	Sheboygan	3.74	Downing	0.84
Wyoming	53.9	+4.5	Basin	94	28	Dome Lake	6	4	1.94	−0.13	Saratoga	4.41	Basin	T.
Alaska (April)	26.8	+0.9	Hydaburg	69	26	Eagle	−34	2	1.37	−0.28	Latouche	17.60	Nome	T.
Hawaii	72.5	+0.6	2 stations	91	[2] 5	Volcano Observatory	49	17	6.43	+0.45	Eke, Maui	46.00	3 stations	0.00
Porto Rico	77.2	0.0	Dorado	94	5	Lares	56	8	10.10	+3.54	Adjuntas	17.97	Ponce	3.94

[1] For description of tables and charts, see REVIEW.

[2] Other dates also.

TABLE 1.—*Climatological data for Weather Bureau stations, May, 1928*

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 .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							53.3	−1.3										74	2.63	−0.5										6.3		
Eastport	76	67	85	29.84	29.92	−0.04	47.8	+0.1	70	17	54	35	15	41	28	44	40	79	2.06	−1.0	13	5,971	s.	38	ne.	24	2	12	17	7.5	0.0	0.0
Greenville, Me	1,070	6		28.77	29.95		49.5		77	18	60	24	8	39	45				4.63		17		se.				6	8	17		0.0	0.0
Portland, Me	103	82	117	29.83	29.95	−.02	50.6	−2.7	69	31	57	37	9	44	23	46	42	75	4.61	+1.2	14	5,343	e.	25	nw.	12	9	8	14	6.1	0.0	0.0
Concord	289	70	79	29.61	29.92	−.06	52.4	−1.9	81	17	63	29	9	42	43				2.61	−0.4	10	3,513	nw.	23	nw.	13	10	9	12	5.8	0.0	0.0
Burlington	403	11	48	29.48	29.92	−.05	54.0	−2.5	77	4	63	31	8	45	35				3.40	+0.6	19	5,645	s.	28	s.	5	4	11	16	6.9	0.0	0.0
Northfield	876	12	60	28.98	29.93	−.04	50.6	−2.2	77	17	62	24	14	40	45	47	41	69	3.27	+0.5	18	4,655	s.	22	s.	1	5	10	16	7.1	0.0	0.0
Boston	125	115	188	29.78	29.92	−.06	55.4	−1.7	74	30	63	41	14	48	24	49	43	68	3.08	−0.1	8	5,495	e.	20	nw.	12	8	11	12	6.3	0.0	0.0
Nantucket	12	14	90	29.89	29.90	−.09	52.1	−0.2	69	28	58	41	8	46	20	48	46	85	3.13	+0.5	15	9,501	sw.	36	ne.	7	5	13	13	6.5	0.0	0.0
Block Island	26	11	46	29.87	29.90	−.09	52.6	−0.2	67	30	58	42	9	47	20	48	45	80	1.40	−2.1	11	9,493	sw.	30	nw.	13	5	14	12	6.2	0.0	0.0
Providence	160	215	251	29.75	29.92	−.06	55.8	−2.7	79	17	64	40	9	47	30	49	42	67	1.18	−1.8	12	7,438	nw.	36	nw.	13	9	8	14	6.2	0.0	0.0
Hartford	159	122		29.74	29.92	−.06	57.4	−0.1	79	10	66	39	8	48	39				1.97	−1.6	10		s.				14	6	11	5.1	0.0	0.0
New Haven	106	74	153	29.81	29.92	−.07	57.4	−0.5	74	29	66	41	9	49	25	51	46	73	2.26	−1.4	12	5,834	ne.	27	n.	12	10	11	10	5.3	0.0	0.0
Middle Atlantic States							60.4	−1.6										68	2.58	−0.9										5.7		
Albany	97	102	115	29.81	29.91	−.07	58.0	−1.3	84	4	68	39	13	48	35	52	48	73	2.50	−0.4	11	4,410	s.	25	s.	27	10	12	9	5.2	0.0	0.0
Binghamton	871	10	84	29.00	29.93	−.05	56.0	−1.4	89	4	68	33	14	44	41				2.56	−0.5	8	3,536	nw.	24	w.	5	5	14	12	6.0	0.0	0.0
New York	314	414	454	29.58	29.92	−.07	58.4	−2.2	80	4	66	41	13	51	26	50	43	64	1.98	−1.3	12	8,633	nw.	42	n.	12	5	14	12	6.6	0.0	0.0
Harrisburg	374	94	104	29.54	29.93	−.05	60.9	−0.9	89	4	71	41	14	51	38	52	45	60	2.22	−1.4	10	4,140	nw.	33	sw.	5	6	8	17	6.7	0.0	0.0
Philadelphia	114	123	341	29.81	29.94	−.05	62.4	−0.5	90	5	71	43	9	54	34	54	49	68	2.19	−1.1	13	6,418	n.	31	n.	12	8	9	14	6.2	0.0	0.0
Reading	325	81	98	29.57	29.92		61.0		89	4	71	41	13	51	38	52	44	59	2.76	−0.6	10	4,183	se.	19	se.	5	12	8	11	5.3	0.0	0.0
Scranton	805	111	119	29.08	29.93	−.05	57.9	−1.5	89	4	69	37	25	47	40	50	42	60	2.63	−0.8	10	3,940	n.	28	sw.	5	6	13	12	6.2	0.0	0.0
Atlantic City	52	37	172	29.86	29.92	−.06	56.4	−1.7	73	31	62	42	13	51	22	52	48	77	3.49	+0.4	15	10,362	s.	45	ne.	7	8	14	9	5.5	0.0	0.0
Cape Henry	17	13	49				58.0	−0.6	73	31	66	39	13	50	26	53	50	81	1.35		10		s.				9	9	13		0.0	0.0
Sandy Hook	22	10	55	29.89	29.91		57.2		76	4	64	43	9	51	25	51	47	74	1.91		11	7,572	s.	37	sw.	1	8	11	12	6.0	0.0	0.0
Trenton	190	159	183	29.71	29.91		59.8		91	5	70	40	13	50	41	52	46	67	2.45	−1.1	12	6,280	nw.	32	w.	1	8	9	14	6.4	0.0	0.0
Baltimore	123	100	215	29.79	29.92	−.07	63.0	−1.4	87	4	72	44	9	54	31	55	49	63	3.09	−0.4	15	5,883	se.	30	nw.	12	7	12	12	6.0	0.0	0.0
Washington	112	62	85	29.80	29.92	−.08	63.1	−0.6	94	5	74	41	14	53	40	55	49	67	4.00	+0.3	15	3,620	s.	28	n.	28	9	13	9	5.3	0.0	0.0
Cape Henry	18	8	54	29.89	29.91		63.0		89	5	70	47	15	56	29	57	54	76	3.10	−0.5	9	8,270	sw.	45	ne.	8	9	12	10	5.4	0.0	0.0
Lynchburg	681	153	188	29.19	29.93	−.07	64.4	−2.9	95	4	77	39	13	52	45	56	50	62	0.66	−3.0	10	4,760	w.	30	ne.	8	12	13	6	4.7	0.0	0.0
Norfolk	91	170	205	29.83	29.93	−.07	64.8	−1.4	91	4	74	47	9	56	34	57	52	69	2.14	−1.7	8	8,301	s.	35	ne.	8	8	10	13	5.9	0.0	0.0
Richmond	144	11	52	29.78	29.93	−.06	64.0	−2.5	91	5	75	43	14	53	38	56	50	67	1.99	−1.8	10	4,752	sw.	24	ne.	8	12	10	9	5.1	0.0	0.0
Wytheville	2,304	49	55	27.60	29.94	−.05	58.4	−3.0	87	4	69	34	13	48	43	51	45	67	3.56	−0.1	15	3,855	w.	25	w.	1	11	9	11	5.0	0.0	0.0
South Atlantic States							67.9	−2.3										71	3.56	0.0										5.1		
Asheville	2,253	70	84	27.62	29.93	−.06	60.4	−2.2	86	4	71	38	13	50	38	52	47	69	5.53	+1.9	15	4,561	nw.	25	nw.	25	14	9	8	4.5	0.0	0.0
Charlotte	779	55	62	29.11	29.94	−.05	67.2	−1.7	92	4	78	43	8	56	34	58	53	68	4.05	+0.4	16	3,084	sw.	19	ne.	7	8	13	10	5.4	0.0	0.0
Hatteras	11	11	50	29.91	29.91	−.10	65.4	−3.3	82	29	71	49	25	60	25	61	59	80	2.34	−1.4	14	9,152	sw.	38	ne.	8	11	11	9	5.0	0.0	0.0
Raleigh	376	103	110	29.53	29.93	−.06	66.2	−2.3	91	4	77	43	9	56	34	60	56	76	4.24	−0.6	12	5,990	sw.	23	ne.	7	9	13	9	5.5	0.0	0.0
Wilmington	78	81	91	29.86	29.94	−.07	67.8	−3.0	89	11	77	46	8	59	31	61	57	76	3.18	−0.3	12	4,818	sw.	20	sw.	26	12	11	8	5.0	0.0	0.0
Charleston	48	11	92	29.89	29.94	−.07	71.0	−1.7	89	29	78	49	9	64	27	64	60	75	1.05	−2.0	9	7,395	sw.	30	e.	6	10	14	7	5.1	0.0	0.0
Columbia, S. C	351	41	57	29.56	29.94	−.06	69.3	−2.6	91	4	80	46	8	59	33	60	54	66	5.33	−2.1	11	3,890	sw.	26	nw.	19	10	10	11	5.3	0.0	0.0
Due West	711	10	55	29.21	29.98		66.6		89	19	77	45	9	56	34				6.42		11	5,787	sw.	36	ne.	7	14	6	11	4.9	0.0	0.0
Greenville, S. C	1,039	139	146	28.86	29.94		66.8	−0.4	87	11	77	44	7	57	29	57	52	65	4.47		13	5,780	sw.	31	ne.	6	8	12	11	5.5	0.0	0.0
Augusta	182	62	77	29.74	29.93	−.06	70.4	−2.0	92	11	81	47	8	60	38	61	56	65	6.37	+3.3	9	3,919	nw.	22	w.	27	11	10	10	5.2	0.0	0.0
Savannah	65	150	194	29.88	29.95	−.05	70.6	−2.8	90	19	80	48	8	62	28	63	59	72	1.23	−1.8	4	8,035	w.	29	nw.	7	10	11	10	5.1	0.0	0.0
Jacksonville	43	209	245	29.91	29.96	−.04	71.6	−3.4	89	12	79	48	9	64	25	64	60	73	2.33	−1.7	6	8,006	sw.	29	e.	14	10	11	10	5.2	0.0	0.0
Florida Peninsula							75.5	−1.8										72	4.86	+0.6										4.1		
Key West	22	10	64	29.93	29.95	−.02	77.9	−1.2	88	29	83	68	11	73	15	70	67	72	1.50	−2.0	6	7,521	e.	39	sw.	23	19	8	4	3.1	0.0	0.0
Miami	25	71	79	29.95	29.98		74.1	−2.3	89	31	81	57	9	67	22	68	65	71	10.67	+4.2	9	7,473	e.	31	s.	22	12	12	7	4.3	0.0	0.0
Tampa	35	79	87	29.93	29.96	−.03	74.4	−1.9	89	31	83	52	9	66	26	67	63	72	2.42	−0.5	5	4,474	sw.	19	sw.	22	15	9	7	4.3	0.0	0.0
Titusville	44	5		29.91	29.96		72.8		94	29	82	51	8	62	33				4.16		4		sw.				13	10	8	4.7	0.0	0.0
East Gulf States							70.6	−1.9										69	3.43	−0.3										4.6		
Atlanta	1,173	190	216	28.74	29.96	−.03	67.4	−2.5	86	11	76	44	9	59	31	57	50	62	5.97	+2.5	11	6,915	nw.	26	nw.	1	12	6	13	5.2	0.0	0.0
Macon	370	78	87	29.56	29.95	−.04	69.3	−3.0	89	11	80	43	9	58	37	61	56	67	3.43	+0.6	11	4,005	sw.	22	nw.	6	11	8	12	5.1	0.0	0.0
Thomasville	273	49	58	29.66	29.95	−.04	71.6	−2.4	92	31	82	44	9	62	33	63	58	69	2.08	−1.9	9	3,395	sw.	19	ne.	13	8	9	14	6.0	0.0	0.0
Apalachicola	36	42	49	29.92	29.96		72.0		85	31	79	53	8	65	22	66	64	78	2.31		6	5,399	sw.	26	e.	14	19	6	6	3.5	0.0	0.0
Pensacola	56	149	185	29.90	29.96	−.03	72.0	−1.9	84	31	77	52	8	67	20	66	63	77	3.35	0.0	5	9,042	sw.	37	nw.	20	8	14	9	5.5	0.0	0.0
Anniston	741	9	57	29.19	29.98	−.01	67.0	−1.4	88	11	79	40	9	55	41				3.01	−0.1	12	3,212	nw.	16	se.	14	12	11	8	4.3	0.0	0.0
Birmingham	700	11	48	29.21	29.97	−.01	68.8	−2.3	88	31	80	46	9	58	35	60	54	66	3.84	+0.8	10	4,296	n.	22	se.	15	13	8	10	4.7	0.0	0.0
Mobile	57	125	161	29.90	29.96	−.03	72.6	−1.8	88	12	81	51	8	64	26	66	62	76	3.57	−0.8	9	6,843	sw.	28	se.	15	12	16	3	3.9	0.0	0.0
Montgomery	223	100	112	29.71	29.96	−.03	71.2	−2.2	90	31	81	49	9	62	32	62	56	64	2.60	−1.2	10	4,516	sw.	25	w.	19	11	12	8	5.2	0.0	0.0
Corinth	469	6					69.0		88	11	80	44	9	58	38				6.54		12		s.				9	19	3		0.0	0.0
Meridian	375	87	95	29.56	29.95	−.03	69.9	−1.4	92	31	81	46	9	59	35	61	56	66	1.15	−2.8	10	3,829	sw.	24	sw.	22	16	8	7	4.0	0.0	0.0
Vicksburg	247	65	73	29.70	29.98	+.01	71.6	−1.3	90	31	80	53	8	63	27	63	59	69	2.29	−2.0	7	4,321	se.	20	se.	15	15	9	7	4.2	0.0	0.0
New Orleans	53	76	84	29.91	29.96	−.01	75.0	−0.4	91	30	83	61	8	67	23	67	62	70	6.48	+1.9	5	4,299	se.	20	n.	7	14	14	3	3.9	0.0	0.0
West Gulf States							73.3	−0.1										68	3.06	−0.9										4.1		
Shreveport	249	77	93	29.69	29.95	.00	73.8	+0.2	95	27	84	53	6	64	29	64	59	65	2.57	−1.6	6	4,160	s.	20	se.	14	15	13	3	3.7	0.0	0.0
Bentonville	1,303	11	44	28.59	29.94	+.01	66.2	−0.2	88	30	77	43	5	55	37				6.62		11		n.		se.		24	3	4		0.0	0.0
Fort Smith	457	79	94	29.46	29.93	.00	70.6	+1.0	93	30	81	52	5	60	31	61	55	64	5.43	+0.6	9	5,209	e.	24	nw.	17	14	10	7	4.1	0.0	0.0
Little Rock	357	136	144	29.57	29.94	−.01	70.3	0.0	89	30	80	51	8	60	29	61	55	63	3.86	−1.2	8	5,790	s.	28	nw.	19	15	8	8	4.6	0.0	0.0
Austin	605	136	148	29.29	29.92		74.1	−0.5	97	27	85	51	7	63	39	65	60	67	2.70	−1.9	5	5,672	se.	31	n.	21	12	11	8	4.8	0.0	0.0
Brownsville	57	53	61	29.84	29.90		76.7	−1.9	98	26	85	55	7	69	29	68	65	76	6.48	+4.2	8	5,594	se.	19	n.	6	15	11	5	3.8	0.0	0.0
Corpus Christi	20	11	73	29.91	29.93	+.03	75.1	−1.1	97	26	82	58	7	69	30	69	66	77	2.00	−0.8	6	8,544	se.	34	ne.	13	10	7	14	5.5	0.0	0.0
Dallas	512	220	227	29.39	29.93		73.4		99	27	84	49	5	63	28				2.02		9	8,656	se.	35	nw.	20	14	13	4	3.9	0.0	0.0
Fort Worth	670	106	114	29.21	29.91	.00	74.2	+1.9	103	27	86	51	6	63	35	64	58	62	3.77	−0.6	9	6,561	s.	35	nw.	20	12	12	7	4.8	0.0	0.0
Galveston	54	106	114	29.91	29.97	+.03	74.4	−0.4	89	26	79	61	5	70	19	68	65	79	1.54	−1.9	5	7,690	s.	33	s.	14	16	13	2	3.1	0.0	0.0
Groesbeck	461	11	56	29.46	29.93		73.8		98	27	85	51	6	62	37				2.73		7	7,567	s.	26	se.	3	13	13	5	4.2	0.0	0.0
Houston	138	292	314	29.82	29.96		75.2	−0.3	98	27	84	54	6	66	26				2.14	−2.0	7	8,324	se.	32	nw.	22	13	17	1	3.5	0.0	0.0
Palestine	510	64	72	29.42	29.95	+.02	73.6	+0.9	97	27	84	51	5	63	33	64	58	65	0.58	−4.0	7	5,067	s.	22	se.	3	17	10	4	3.3	0.0	0.0
Port Arthur	34	58	66	29.92	29.96		75.0		94	26	83	54	6	67	26				0.45		5	5,935	s.	26	s.	14	20	9	2	2.8	0.0	0.0
San Antonio	693	119	132	29.20	29.92	+.02	74.7	−0.4	97	27	85	54	6	64	33	64	58	63	3.90	+0.7	6	4,608	se.	32	nw.	29	12	8	11	5.1	0.0	0.0
Taylor	583	55	63	29.36	29.98	+.07	74.1	−0.2	99	27	86	51	5	62	35				1.69	−2.3	7	5,816	s.	24	e.	13	14	13	4	3.9	0.0	0.0

TABLE 1.—*Climatological data for Weather Bureau stations, May, 1928*—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 .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							**62.8**	**−2.1**										**60**	**3.03**	**−0.7**										**5.0**		
Chattanooga	762	189	213	29.15	29.96	−0.03	66.4	−2.4	87	11	77	45	9	56	37	56	49	61	4.39	+0.6	13	5,568	sw.	30	nw.	27	10	10	11	5.2	0.0	0.0
Knoxville	995	102	111	28.92	29.96	−.03	65.2	−2.2	89	3	76	44	9	54	38	56	50	66	6.17	+2.4	11	4,063	sw.	28	w.	18	11	6	14	5.5	0.0	0.0
Memphis	399	76	97	29.53	29.95	−.01	69.4	−1.2	86	17	78	48	8	60	28	60	54	63	2.51	−1.7	6	4,872	sw.	35	w.	21	15	5	11	4.2	0.0	0.0
Nashville	546	168	191	29.40	29.98	.00	66.4	−1.8	87	11	76	47	8	56	35	56	49	59	2.89	−1.0	10	6,228	ne.	36	nw.	19	13	8	10	4.7	0.0	0.0
Lexington	989	193	230	28.93	29.98	−.01	62.2	−2.1	85	3	72	38	8	53	32	----	----	----	2.12	−1.4	7	8,301	sw.	26	nw.	1	15	10	6	4.0	0.0	0.0
Louisville	525	188	234	29.40	29.98	.00	63.7	−2.9	87	10	73	41	8	54	33	55	49	64	5.63	+1.9	9	6,647	n.	29	nw.	5	10	13	8	4.7	0.0	0.0
Evansville	431	76	116	29.52	29.98	+.01	65.5	−1.2	86	10	76	43	8	56	32	56	48	59	5.11	+1.2	13	5,792	s.	39	sw.	18	11	9	11	5.1	0.0	0.0
Indianapolis	822	194	230	29.09	29.97	.00	61.4	−1.5	86	10	71	37	7	52	30	52	43	55	3.04	−0.8	13	7,237	ne.	29	n.	10	10	13	8	5.2	0.0	0.0
Royal Center	736	11	55	29.18	29.98	------	58.6	------	88	10	71	34	12	46	40	----	----	----	2.53	------	15	6,501	n.	31	w.	4	11	12	8	4.9	0.0	0.0
Terre Haute	575	96	129	29.35	29.96	------	62.9	------	88	10	74	40	12	52	31	54	46	58	2.55	------	8	6,113	n.	30	sw.	4	10	12	9	5.2	0.0	0.0
Cincinnati	627	11	51	29.30	29.98	−.01	61.8	−1.3	87	10	73	38	8	51	35	53	45	58	0.76	−2.9	10	4,642	sw.	20	ne.	7	10	12	9	5.2	0.0	0.0
Columbus	822	179	222	29.10	29.97	−.01	60.6	−1.7	87	10	71	36	7	50	32	52	43	56	1.51	−2.1	10	5,840	nw.	35	nw.	30	13	13	5	4.2	0.0	0.0
Dayton	899	137	173	29.02	29.96	------	61.0	−1.6	87	10	72	36	8	50	35	52	44	59	1.48	−2.1	12	5,491	sw.	28	nw.	30	9	15	7	5.3	0.0	0.0
Elkins	1,947	59	67	27.94	29.98	−.02	55.7	−3.5	85	4	68	30	13	43	48	49	43	68	3.94	0.0	10	3,240	nw.	25	nw.	11	7	11	13	6.0	0.0	0.0
Parkersburg	637	77	82	29.33	29.98	−.01	61.2	−2.6	89	4	73	39	6	50	42	52	44	59	1.84	−1.6	8	3,335	nw.	18	nw.	5	11	6	14	5.7	0.0	0.0
Pittsburgh	842	353	410	29.06	29.96	−.03	59.0	−3.4	86	4	69	37	13	49	38	51	44	61	1.09	−2.1	11	6,609	nw.	29	nw.	5	9	11	11	5.4	0.0	0.0
Lower Lake Region							**56.1**	**−1.3**										**64**	**1.86**	**−1.4**										**5.1**		
Buffalo	767	247	280	29.11	29.94	−.03	52.0	−2.6	73	4	59	33	7	45	34	49	47	86	1.13	−2.0	6	7,880	sw.	42	w.	5	14	4	13	5.4	0.0	0.0
Canton	448	10	61	29.43	29.90	------	53.2	−3.0	85	5	64	28	13	43	39	----	----	----	1.51	−1.3	17	5,189	w.	36	sw.	5	10	12	9	5.5	0.0	0.0
Ithaca	836	5	100	29.05	29.95	------	54.6	------	88	5	66	29	8	43	43	48	42	64	2.90	−0.5	8	5,133	nw.	23	nw.	13	6	14	11	6.1	0.0	0.0
Oswego	335	76	91	------	29.93	−.04	52.0	−3.2	81	5	60	34	8	44	39	----	----	73	2.39	−0.6	11	------	w.	29	nw.	11	7	12	12	----	0.0	0.0
Rochester	523	86	102	29.38	29.95	−.02	56.2	−0.9	86	4	66	34	7	47	40	48	40	59	2.56	−0.4	5	4,452	w.	36	w.	5	10	12	9	5.3	0.0	0.0
Syracuse	597	97	113	29.30	29.94	−.04	55.6	−1.7	86	4	65	33	7	46	38	----	----	----	1.39	−2.0	8	6,014	nw.	33	w.	5	7	14	10	5.8	0.0	0.0
Erie	714	130	166	29.19	29.96	−.02	56.0	−0.8	82	10	64	36	13	48	33	49	42	61	0.65	−2.8	5	6,719	sw.	31	sw.	5	14	11	6	3.9	0.0	0.0
Cleveland	762	190	201	29.15	29.97	−.01	57.0	−0.9	85	4	65	38	7	49	36	50	42	59	2.04	−1.1	8	6,205	ne.	31	n.	12	10	13	8	4.8	0.0	0.0
Sandusky	629	5	67	29.29	29.97	−.01	58.5	−0.7	90	10	68	40	13	49	36	----	----	----	1.92	−1.2	10	4,944	sw.	29	w.	19	11	13	7	4.9	0.0	0.0
Toledo	628	208	243	29.29	29.97	.00	59.1	−0.3	89	10	68	35	7	50	31	51	44	59	1.44	−2.0	11	7,549	sw.	30	n.	11	15	11	5	3.9	0.0	0.0
Fort Wayne	856	113	124	29.04	29.96	------	59.8	−0.4	89	10	71	35	7	49	32	51	44	60	4.42	------	10	5,699	sw.	26	sw.	4	7	19	5	5.0	0.0	0.0
Detroit	730	218	258	29.18	29.97	.00	58.2	+0.2	83	4	68	34	7	49	27	49	42	59	2.57	−0.6	12	5,344	sw.	26	sw.	4	10	11	10	5.0	0.0	0.0
Upper Lake Region							**53.3**	**+0.5**										**66**	**2.01**	**−1.2**										**4.9**		
Alpena	609	13	92	29.29	29.96	−.01	50.4	−0.1	86	3	60	32	7	41	44	45	39	69	1.31	−1.7	10	6,962	nw.	37	nw.	11	13	9	9	5.0	0.0	0.0
Escanaba	612	54	60	29.31	29.97	.00	50.2	+0.6	75	3	58	32	12	42	30	39	45	70	1.44	−1.5	12	6,436	s.	31	n.	4	14	8	9	4.6	T.	0.0
Grand Haven	632	54	89	29.28	29.96	.00	53.1	−1.4	77	3	62	35	13	44	32	47	41	65	2.08	−1.1	11	6,523	w.	28	s.	3	17	7	7	4.4	0.0	0.0
Grand Rapids	707	70	87	29.20	29.97	.00	58.0	0.0	86	3	68	35	12	48	37	50	41	58	3.09	−0.4	9	3,509	nw.	22	w.	4	11	11	9	5.1	0.0	0.0
Houghton	668	64	99	29.24	29.97	.00	51.1	+1.6	86	9	61	31	6	41	45	----	----	----	1.72	−1.6	5	6,348	w.	28	n.	20	8	9	14	6.4	0.0	0.0
Lansing	878	6	49	29.02	29.96	------	56.1	−0.8	87	3	67	31	7	45	40	50	45	70	4.47	+1.0	11	3,428	nw.	22	n.	11	13	10	8	4.4	0.0	0.0
Ludington	637	60	66	29.27	29.97	------	50.7	------	71	9	59	32	7	42	29	46	42	74	1.62	------	8	5,501	n.	29	s.	3	17	8	6	3.6	0.0	0.0
Marquette	734	77	111	29.18	29.98	+.01	50.4	+1.4	80	9	58	33	6	42	37	44	38	65	1.94	−1.0	7	6,232	nw.	42	sw.	8	8	12	11	5.9	0.0	0.0
Port Huron	638	70	120	29.26	29.96	−.01	54.0	−1.2	84	4	64	33	13	44	31	48	42	69	2.29	−0.7	10	5,848	ne.	30	nw.	5	11	15	5	4.6	0.0	0.0
Sault Sainte Marie	614	11	52	29.27	29.98	+.03	47.4	−1.6	72	20	56	30	7	38	35	42	37	73	1.64	−1.6	10	5,993	nw.	28	nw.	11	11	9	11	5.4	0.0	0.0
Chicago	673	7	131	29.25	29.97	+.01	58.2	+0.7	90	3	66	41	13	50	36	49	42	62	1.59	−2.0	8	6,704	ne.	26	n.	4	13	12	6	4.5	0.0	0.0
Green Bay	617	109	141	29.29	29.95	.00	56.4	+1.5	84	3	67	36	7	46	39	48	41	63	1.17	−2.4	13	6,463	s.	29	nw.	30	8	13	10	5.6	0.0	0.0
Milwaukee	681	125	221	29.24	29.97	+.01	54.9	+0.8	87	3	63	39	12	47	34	48	41	64	2.44	−0.9	9	7,307	se.	31	n.	24	13	10	8	4.5	0.0	0.0
Duluth	1,133	5	47	28.76	29.98	+.02	52.8	+5.5	84	9	64	33	12	41	38	45	37	60	0.95	−2.3	4	7,029	ne.	36	sw.	7	11	12	8	4.9	0.0	0.0
North Dakota							**59.0**	**+5.0**										**48**	**1.04**	**−1.3**										**4.4**		
Moorhead	940	50	58	28.95	29.96	+.02	59.1	+4.0	92	23	73	30	5	45	46	48	36	46	0.46	−2.4	7	5,721	n.	24	sw.	7	12	8	11	5.2	0.0	0.0
Bismarck	1,674	8	57	28.19	29.96	+.04	60.4	+5.9	96	23	74	34	3	47	41	49	38	48	0.58	−1.7	6	6,099	e.	26	s.	13	18	6	7	3.7	0.0	0.0
Devils Lake	1,478	11	44	28.41	29.97	+.03	57.0	+4.3	94	23	71	26	11	43	46	46	35	52	2.44	+0.2	6	6,044	n.	29	nw.	10	16	7	8	4.3	0.0	0.0
Ellendale	1,457	10	56	28.43	29.99	------	58.1	------	92	7	73	30	5	43	46	----	----	----	0.67	------	8	9,292	nw.	36	n.	9	11	10	10	5.5	0.0	0.0
Grand Forks	833	12	67	------	------	------	57.4	------	95	23	72	27	5	43	49	48	----	----	0.80	------	7	------	nw.	----	s.	----	12	13	6	4.2	0.0	0.0
Williston	1,878	41	48	27.99	29.95	+.02	59.6	+5.6	92	23	73	29	4	46	43	47	35	45	0.67	−1.4	6	5,396	se.	29	n.	9	18	9	4	3.3	0.0	0.0
Upper Mississippi Valley							**63.2**	**+1.7**										**56**	**2.56**	**−1.6**										**4.7**		
Minneapolis	918	102	208	28.96	29.93	------	61.0	+3.3	89	9	71	41	12	51	28	----	----	----	2.38	−1.3	8	7,468	n.	38	nw.	9	9	13	9	5.6	0.0	0.0
St. Paul	837	236	261	29.07	29.97	+.03	60.4	+2.5	86	9	70	41	27	50	30	----	----	----	2.16	−1.1	7	7,496	nw.	37	nw.	9	8	14	9	5.3	0.0	0.0
La Crosse	714	11	48	29.18	29.95	+.01	61.6	+2.3	93	24	73	38	12	50	37	52	44	58	2.99	−0.8	6	2,801	nw.	18	sw.	2	12	9	10	4.9	0.0	0.0
Madison	974	70	78	28.92	29.96	.00	60.0	+2.4	87	24	70	37	12	50	36	51	43	58	2.97	−0.9	10	5,071	nw.	26	s.	2	9	14	8	5.2	0.0	0.0
Wausau	1,247	4	----	28.64	29.97	------	57.0	------	89	24	69	30	12	45	37	----	----	----	2.29	------	7	------	nw.	----	----	----	14	6	11	5.0	0.0	0.0
Charles City	1,015	10	49	28.90	29.97	+.03	60.5	+2.7	90	24	72	34	12	48	37	51	42	53	2.44	−2.5	8	4,291	nw.	27	sw.	2	20	8	3	3.0	0.0	0.0
Davenport	606	71	79	29.30	29.96	+.01	64.2	+2.9	88	9	76	38	7	53	34	53	44	53	1.08	−2.9	6	4,642	nw.	21	e.	26	11	14	6	4.5	0.0	0.0
Des Moines	861	84	97	29.05	29.95	+.02	64.2	+2.9	91	24	76	40	28	53	36	53	44	53	2.63	−1.9	9	4,699	n.	29	sw.	2	12	8	11	5.1	0.0	0.0
Dubuque	700	81	96	29.21	29.95	.00	62.4	+2.1	90	24	74	39	12	51	36	52	44	56	1.55	−2.7	11	4,323	nw.	26	nw.	24	9	14	8	5.0	0.0	0.0
Keokuk	614	64	78	29.30	29.96	+.02	64.8	+1.0	88	10	76	40	7	54	32	54	45	53	2.55	−1.4	8	4,737	n.	24	w.	24	9	9	13	5.4	0.0	0.0
Cairo	358	87	93	29.59	29.96	.00	66.9	−1.5	88	10	76	47	8	58	32	58	52	64	1.75	−2.0	12	5,892	n.	27	sw.	4	10	7	14	5.5	0.0	0.0
Peoria	609	11	45	29.32	29.98	+.02	63.3	+1.6	89	3	76	35	12	51	37	54	46	59	3.21	−0.8	10	4,262	s.	16	sw.	3	15	14	2	3.6	0.0	0.0
Springfield, Ill	636	10	91	29.28	29.95	.00	64.0	+0.8	92	10	76	38	7	52	34	55	47	57	4.61	+0.2	8	5,675	n.	22	ne.	10	13	11	7	4.4	0.0	0.0
Hannibal	534	74	109	29.39	29.96	+.02	64.9	+1.3	91	10	76	40	28	54	38	----	----	----	3.28	−1.7	8	5,812	sw.	22	n.	25	13	10	8	4.6	0.0	0.0
St. Louis	568	265	303	29.36	29.96	+.01	66.6	−0.3	91	10	76	42	7	57	30	56	48	56	2.18	−2.2	11	8,016	sw.	38	sw.	14	16	8	7	4.0	0.0	0.0
Missouri Valley							**64.5**	**+3.0**										**54**	**2.73**	**−1.4**										**4.2**		
Columbia, Mo	784	6	84	29.13	29.96	+.02	65.7	+1.4	91	10	78	40	28	54	36	----	----	----	1.74	−3.1	11	4,981	s.	23	n.	30	12	11	8	4.6	0.0	0.0
Kansas City	963	161	181	28.92	29.94	+.02	67.8	+3.0	91	30	78	49	13	57	30	56	47	54	2.34	−2.3	9	6,712	s.	51	n.	30	14	12	5	3.8	0.0	0.0
St. Joseph	967	11	49	28.91	29.94	------	67.2	------	91	9	79	44	1	55	41	55	46	55	2.03	------	7	5,565	se.	26	ne.	30	16	12	3	3.4	0.0	0.0
Springfield, Mo	1,324	98	104	28.58	29.96	+.03	66.1	+1.6	87	10	76	45	5	56	28	56	48	58	3.97	−1.6	12	6,777	s.	33	w.	17	23	6	2	2.3	0.0	0.0
Iola	984	11	50	28.91	29.94	+.02	67.2	+2.0	94	30	80	42	5	54	37	----	----	----	4.34	−0.9	10	4,114	n.	19	s.	3	16	8	7	4.1	0.0	0.0
Topeka	987	92	107	------	------	------	66.9	+2.6	96	30	79	45	5	55	36	----	----	----	2.46	−2.4	8	6,346	sw.	29	nw.	20	16	11	4	3.7	0.0	0.0
Lincoln	1,189	11	81	28.69	29.94	+.03	64.6	+2.9	93	24	77	39	1	52	47	54	45	55	2.75	−1.5	7	6,307	n.	30	ne.	30	14	5	12	4.7	0.0	0.0
Omaha	1,105	115	122	28.78	29.95	+.03	65.1	+2.7	92	24	75	46	12	55	36	54	44	52	1.97	−1.8	8	5,120	n.	23	n.	4	12	11	8	4.8	0.0	0.0
Valentine	2,598	47	54	27.29	29.98	+.08	61.0	+4.8	92	1	74	34	21	48	45	49	39	53	1.62	−1.7	10	5,925	n.	32	sw.	7	13	11	7	4.5	0.0	0.0
Sioux City	1,135	94	164	28.77	29.97	+.05	63.0	+2.6	92	9	74	39	12	51	45	53	44	56	5.36	+1.0	12	7,140	n.	35	s.	8	11	11	9	5.0	0.0	0.0
Huron	1,306	59	74	28.58	29.98	+.06	60.8	+4.4	95	9	75	34	12	47	53	50	38	50	1.25	−1.7	7	6,413	s.	33	s.	7	16	9	6	4.5	0.0	0.0
Pierre	1,572	70	75	------	29.98	+.07	63.0	+5.0	95	7	76	39	4	50	46	----	----	50	1.30	−0.8	6	6,080	se.	31	ne.	30	12	8	11	----	0.0	0.0
Yankton	1,233	49	57	28.66	29.97	+.05	62.4	+3.0	95	9	75	37	12	49	52	----	----	----	3.63	−0.2	11	4,750	n.	30	s.	7	13	13	5	4.6	0.0	0.0

TABLE 1.—*Climatological data for Weather Bureau stations, May, 1928*—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 .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							57.6	+4.8										54	1.39	−0.9										5.0		
Billings	3,140	5					60.8		93	26	78	22	4	43	54				0.75		6		nw.				10	13	8		0.0	0.0
Havre	2,505	11	44	27.34	29.95	+.05	60.6	+7.2	96	22	76	33	4	45	51	47	36	46	0.45	−1.6	5	4,515	sw.	28	sw.	1	10	17	4	4.5	0.0	0.0
Helena	4,110	87	112	25.82	29.97	+.04	58.0	+6.4	86	26	72	32	3	45	37	46	36	49	0.24	−1.7	3	5,640	sw.	40	sw.	29	11	11	9	5.5	0.0	0.0
Kalispell	2,973	48	56	26.94	29.97	+.09	56.6	+5.2	84	25	70	30	3	43	38	46	36	55	0.61	−1.4	6	4,360	nw.	21	w.	29	18	10	3	3.6	T.	0.0
Miles City	2,371	48	55	27.46	29.99	+.08	62.2	+5.5	91	22	75	33	3	49	42	49	37	45	0.47	−1.5	3	4,262	s.	24	nw.	30	14	13	4	3.8	0.0	0.0
Rapid City	3,259	50	58	26.62	30.00	+.10	59.8	+5.8	87	7	71	38	12	48	36	49	40	51	1.94	−1.0	12	5,239	n.	29	s.	12	9	10	12	5.6	0.0	0.0
Cheyenne	6,088	84	101	24.05	29.97	+.12	52.7	+2.4	79	1	64	28	4	42	34	43	37	66	2.67	+0.2	15	7,020	n.	48	w.	28	8	10	13	6.1	T.	0.0
Lander	5,372	60	68	24.68	29.98	+.10	55.6	+4.4	82	29	68	26	4	43	41	46	38	60	2.04	−0.9	10	3,852	sw.	36	w.	1	11	14	6	5.2	T.	0.0
Sheridan	3,790	10	47	26.11	29.98		57.4		87	6	72	25	4	43	52	47	38	55	1.62		8	3,463	nw.	26	nw.	30	9	16	6	5.0	0.0	0.0
Yellowstone Park	6,241	11	48	23.93	30.00	+.09	50.3	+2.9	78	25	64	21	3	37	39	40	32	57	0.51	−1.4	10	5,160	sw.	28	sw.	27	5	16	10	6.2	0.1	0.0
North Platte	2,821	11	51	27.06	29.95	+.07	62.5	+3.8	96	1	76	35	4	49	48	52	44	61	3.62	+0.8	13	4,825	n.	25	ne.	2	14	8	9	4.9	0.0	0.0
Middle Slope							63.6	+1.1										61	2.74	−0.9										4.8		
Denver	5,292	106	113	24.76	29.97	+.13	57.7	+1.5	89	30	68	36	3	47	34	48	40	60	3.06	+0.8	16	4,849	s.	28	n.	24	11	9	11	5.3	0.0	0.0
Pueblo	4,685	80	86	25.31	29.96	+.13	59.8	+0.6	91	30	72	38	3	48	47	49	41	60	3.56	+1.9	16	4,177	nw.	32	nw.	7	5	18	8	5.9	0.0	0.0
Concordia	1,392	50	58	28.51	29.97	+.06	65.0	+1.8	94	30	77	43	22	53	38	55	47	58	1.24	−2.9	9	5,323	s.	23	s.	2	11	12	8	5.0	0.0	0.0
Dodge City	2,509	11	51	27.39	29.96	+.09	62.9	−0.6	92	9	75	41	5	51	39	54	48	66	3.85	+1.0	11	5,732	se.	28	sw.	1	18	6	7	3.7	0.0	0.0
Wichita	1,358	139	158	28.51	29.93	+.03	66.5	+1.4	91	30	77	46	4	56	33	57	50	60	2.79	−2.2	12	7,943	se.	35	s.	2	13	11	7	4.3	0.0	0.0
Broken Arrow	765	11	56	29.14	29.95		68.6		93	31	78	47	5	59	26				2.22		7	8,665	s.	48	s.	17	12	7	12	5.2	0.3	0.0
Oklahoma City	1,214	10	47	28.66	29.92	+.03	69.6	+1.9	98	31	80	46	5	59	30	59	53	62	1.92	−3.8	8	5,907	s.	27	s.	16	14	7	10	4.5	0.0	0.0
Southern Slope							70.3	−0.3										58	6.05	+3.3										4.5		
Abilene	1,738	10	52	28.13	29.90	+.03	72.4	+0.4	100	9	85	44	5	60	34	60	52	57	12.03	+8.1	12	6,305	s.	30	sw.	11	13	11	7	4.6	0.0	0.0
Amarillo	3,676	10	49	26.26	29.94	+.10	65.5	+1.4	94	31	78	40	4	53	39	54	47	61	6.48	+2.8	15	5,457	s.	26	se.	2	20	4	7	3.9	0.0	0.0
Del Rio	944	64	71	28.90	29.86	+.01	75.8	−1.2	100	28	86	55	6	66	32	64	57	59	3.76	+1.4	9	5,870	se.	29	se.	2	12	9	10	4.9	0.0	0.0
Roswell	3,566	75	85	26.33	29.88	+.06	67.6	−1.8	97	31	81	45	5	54	38	54	44	53	1.92	+0.8	6	4,874	s.	32	nw.	14	14	13	4	4.5	0.0	0.0
Southern Plateau							67.7	+2.3										43	0.95	+0.5										3.0		
El Paso	3,778	152	175	26.14	29.84	+.06	71.8	+0.3	97	29	84	51	13	60	31	54	39	38	0.96	+0.6	8	7,907	w.	38	w.	8	15	14	2	3.7	0.0	0.0
Santa Fe	7,013	38	53	23.27	29.87	+.06	56.1	+0.4	82	31	68	33	11	45	30	45	35	54	2.80	+1.5	14	3,651	sw.	21	sw.	1	11	13	7	5.0	2.0	0.0
Flagstaff	6,907	10	59	23.36	29.86	+.08	52.3	+1.6	81	29	68	24	4	36	43	41		56	0.62		5		nw.		s.		7	20	4		T.	0.0
Phoenix	1,108	10	82	28.65	29.78	.00	79.4	+4.4	103	26	94	58	16	65	37	58	41	30	0.03	0.0	1	3,873	w.	26	s.	8	21	8	2	2.4	0.0	0.0
Yuma	141	9	54	29.64	29.79	.00	79.2	+3.0	106	26	95	54	16	63	41	60	46	39	T.	0.0	0	3,417	s.	26	se.	1	29	2	0	1.0	0.0	0.0
Independence	3,957	5	25				67.2	+4.2	94	28		42	9		38				0.77		4		nw.				16	12	3		0.0	
Middle Plateau							61.6	+5.7										45	0.91	−0.1										4.0		
Reno	4,532	74	81	25.43	29.87	−.04	62.3	+8.7	88	25	78	31	3	47	40	48	36	46	0.13	−0.5	4	4,510	w.	29	w.	14	18	11	2	3.6	0.0	0.0
Tonopah	6,090	12	20				60.2		84	29	70	35	2	50	28	45	29	35	0.16		2		se.									
Winnemucca	4,344	18	56	25.59	29.93	+.02	60.5	+6.6	89	26	78	25	3	43	48	46	34	47	0.06	−0.8	3	3,595	ne.	24	se.	9	17	14	0	3.3	0.0	0.0
Modena	5,473	10	48	24.59	29.86	+.04	57.4	+3.9	86	28	73	27	4	42	46	45	33	51	1.76	+0.9	10	6,405	w.	35	sw.	1	15	15	1	3.7	0.0	0.0
Salt Lake City	4,360	163	203	25.59	29.90	+.04	63.8	+6.4	89	29	74	39	4	54	35	49	37	41	1.33	−0.6	8	5,373	nw.	32	se.	9	10	14	7	5.1	0.0	0.0
Grand Junction	4,602	60	68	25.36	29.90	+.07	63.9	+2.8	91	29	77	37	4	51	35	49	38	49	1.29	+0.4	11	4,206	se.	29	s.	11	12	12	7	4.5	0.0	0.0
Northern Plateau							62.3	+6.1										46	0.41	−1.3										3.5		
Baker	3,471	48	53	26.45	30.01	+.05	56.8	+5.1	90	25	72	25	2	41	42	45	33	48	0.18	−1.6	4	4,375	se.	18	n.	12	17	9	5	3.6	T.	0.0
Boise	2,739	78	86	27.13	29.95	+.01	64.6	+7.5	94	25	79	31	3	51	39	50	36	42	0.01	−1.4	1	4,117	se.	22	se.	6	17	11	3	3.5	0.0	0.0
Lewiston	757	40	48	29.20	30.00	+.04	64.8	+5.3	101	25	81	34	3	48	45				0.23	−1.4	4	2,298	e.	22	nw.	21	19	11	1	2.9	0.0	0.0
Pocatello	4,477	60	68	25.46	29.92	+.03	60.6	+6.8	86	25	74	31	3	47	36	47	36	46	1.53	−0.7	7	5,034	se.	28	sw.	29	9	16	6	4.9	0.0	0.0
Spokane	1,929	101	110	27.96	29.99	+.03	61.6	+6.1	97	25	75	33	3	48	40	49	38	49	0.48	−0.9	7	3,756	s.	23	sw.	27	15	14	2	3.6	0.0	0.0
Walla Walla	991	57	65	28.91	29.98	+.02	65.6	+6.0	95	25	79	39	3	52	38	52	40	44	0.02	−1.6	2	2,936	s.	27	w.	21	21	9	1	2.5	0.0	0.0
North Pacific Coast Region							57.1	+3.5										71	0.92	−1.4										5.5		
North Head	211	11	56	29.82	30.05	+.02	52.4	+1.5	71	13	56	44	1	49	24	50	47	85	0.58	−1.8	7	11,693	n.	60	s.	28	1	9	21	8.3	0.0	0.0
Port Angeles	29	8	53		30.09		53.7		75	19	63	35	2	44	29				0.29	−1.0	3	4,229	sw.	26	w.	11	12	10	9		0.0	0.0
Seattle	125	215	250	29.92	30.05	+.04	58.2	+3.7	82	20	67	41	2	50	28	51	45	66	0.31	−1.5	4	5,130	n.	31	s.	28	10	8	13	5.5	0.0	0.0
Tacoma	194	172	201	29.86	30.06	+.04	58.2	+4.1	80	20	68	40	2	49	30				0.70	−1.5	4	5,321	n.	30	sw.	28	14	7	10	4.9	0.0	0.0
Tatoosh Island	86	9	53	29.98	30.08	+.07	51.6	+2.0	62	10	55	43	2	48	14	49	47	87	3.37	−0.7	12	7,667	s.	38	sw.	28	4	13	14	7.0	0.0	0.0
Yakima	1,071	5																														
Medford	1,425	4	80	28.48	29.97		62.2		98	24	80	31	3	44	47	51	44	61	0.01		1		nw.	18	n.	1	15	8	8	4.2	0.0	0.0
Portland	153	68	106	29.88	30.04	+.01	62.4	+5.5	93	24	74	40	2	51	37	53	45	60	0.74	−2.0	4	4,028	nw.	19	w.	1	12	7	12	5.1	0.0	0.0
Roseburg	510	75	99	29.49	30.04	+.01	60.0	+4.0	96	24	74	35	2	46	43	51	44	65	0.42	−1.5	3	2,868	n.	20	sw.	28	13	16	2	3.8	0.0	0.0
Middle Pacific Coast Region							62.8	+3.0										68	0.11	−0.9										3.5		
Eureka	62	73	89	30.01	30.08	+.03	52.8	+0.8	65	28	58	40	1	48	16	50	48	86	0.12	−1.7	3	4,849	n.	27	n.	30	8	10	13	6.4	0.0	0.0
Red Bluff	332	50	56	29.54	29.89	−.06	72.6	+6.3	100	24	87	45	1	58	39	58	47	47	0.00	−1.1	0	3,927	se.	21	n.	12	27	4	0	1.7	0.0	0.0
Sacramento	69	106	117	29.82	29.89	−.05	67.2	+3.9	96	24	81	49	2	53	39	56	49	61	0.02	−0.8	1	5,642	s.	23	sw.	7	23	6	2	2.0	0.0	0.0
San Francisco	155	208	243	29.80	29.97	−.02	58.9	+2.1	77	5	65	50	24	52	26	53	49	77	0.26	−0.5	1	5,533	w.	28	w.	26	15	7	9	4.4	0.0	0.0
San Jose	141	12	110	29.81	29.96		62.6	+1.9	88	13	75	39	3	50	43				0.15	−0.4	1	4,567	nw.	21	sw.	7	19	8	4	3.1	0.0	0.0
South Pacific Coast Region							66.4	+3.0										67	0.22	−0.2										5.2		
Fresno	327	89	98	29.53	29.88	−.04	72.0	+4.9	102	24	87	46	2	58	38	57	45	46	T.	−0.4	0	5,664	nw.	25	nw.	27	23	6	2	2.2	0.0	0.0
Los Angeles	338	159	191	29.58	29.94	−.01	64.2	+2.0	93	4	71	54	9	57	36	57	53	74	0.29	−0.2	3	3,458	sw.	13	w.	5	5	15	11	6.1	0.0	0.0
San Diego	87	62	70	29.84	29.93	−.02	63.0	+2.2	80	5	67	56	9	59	19	58	55	80	0.36	0.0	5	4,266	sw.	19	sw.	8	3	11	17	7.3	0.0	0.0
West Indies																																
San Juan	82	9	54	29.88	29.96		79.4	+0.8	90	4	86	70	20	73	18				0.19	+4.4	12	7,023	e.	36	ne.	6	4	15	12	6.6	0.0	0.0
Panama Canal																																
Balboa Heights	118	7	97	[1] 29.74	[1] 29.83	.00	80.8	+0.1	92	24	87	71	7	74	19				4.20	−3.6	13		nw.		nw.		2	16	13	7.1	0.0	0.0
Colon	38	7	97	[1] 29.83	[1] 29.85	+0.1	82.6	+1.9	91	30	88	74	29	78	16				12.72	+0.3	18		n.		nw.		1	12	18	7.7	0.0	0.0
Alaska																																
Juneau	80	11	54	[2] 29.85	[2] 29.94		45.6		65	27	52	32	11	40	25	43	39	80	8.25		25	4,764	se.	21	se.	19	3	5	23	8.3	T.	0.0
Hawaiian Islands																																
Honolulu	38	86	100	[2] 30.02	[2] 30.06		75.0		82	30	80	68	13	70	13	67	63	68	0.63	−1.1	5	6,255	e.	27	e.	12	15	6	10	5.1	0.0	0.0

[1] Observations taken hourly.

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

TABLE 2.—*Data furnished by the Canadian Meteorological Service, May, 1928*

Station	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				41.2		48.0	34.5	55	26	3.41		0.0
Sydney, C. B. I	48	29.92	29.97	0.00	47.9	+2.7	57.0	38.9	72	28	5.98	+2.21	0.0
Halifax, N. S	88	29.86	29.97	−.01	48.1	−0.3	56.5	39.6	70	33	2.95	−1.31	0.0
Yarmouth, N. S	65	29.80	29.87	−.11	47.6	0.0	53.5	41.7	58	32	3.25	−0.32	0.0
Charlottetown, P. E. I	38	29.85	29.89	−.07	50.0	+3.1	57.7	42.3	70	33	2.58	−0.33	0.0
Chatham, N. B	28	29.84	29.87	−.08	50.3	+1.8	60.6	40.1	74	28	4.36	+1.15	0.0
Father Point, Que	20												
Quebec, Que	296	29.59	29.91	−.03	50.3	+0.4	58.0	42.7	72	34	5.64	+2.56	0.0
Doucet, Que	1,236				44.9		56.0	33.8	74	16	3.03		0.0
Montreal, Que	187	29.68	29.89	−.05	54.4	−0.3	62.5	46.4	76	33	3.67	+0.72	0.0
Ottawa, Ont	236	29.64	29.90	−.04	54.5	−0.4	64.9	44.1	82	32	2.78	+0.19	0.0
Kingston, Ont	285	29.60	29.91	−.05	51.5	−1.4	59.1	43.9	70	33	2.12	−0.56	0.0
Toronto, Ont	379	29.53	29.94	−.04	54.2	+1.0	64.1	44.2	82	33	0.72	−2.32	0.0
Cochrane, Ont	930				46.3		56.1	36.6	76	26	2.23		0.0
White River, Ont	1,244	28.60	29.92	−.03	47.4	+1.7	59.8	35.1	75	19	2.02	+0.07	0.0
London, Ont	808				54.1		66.7	41.5	85	28	2.10		0.0
Southampton, Ont	656	29.24	29.96	.00	47.8	−2.9	57.0	38.5	81	26	2.12	−0.32	0.0
Parry Sound, Ont	688	29.23	29.93	−.02	49.7	−1.4	60.1	39.4	82	28	1.41	−1.52	T.
Port Arthur, Ont	644	29.26	29.97	+.01	50.4	+4.5	60.7	40.1	76	30	1.49	−0.66	0.0
Winnipeg, Man	760	29.15	29.98	+.02	55.9	+4.3	69.4	42.4	96	26	3.33	+1.05	0.0
Minnedosa, Man	1,690	28.17	29.98	+.02	54.5	+6.1	69.2	39.8	94	26	1.65	+0.20	0.0
Le Pas, Man	860				49.6		62.9	36.3	78	21	0.67		0.0
Qu'Appelle, Sask	2,115	27.72	29.95	+.01	56.5	+6.7	70.6	42.4	90	25	0.60	−1.05	0.8
Moose Jaw, Sask	1,759				58.1		74.2	42.1	96	23	0.66		0.0
Swift Current, Sask	2,392	27.40	29.89	−.03	59.6	+8.9	77.7	41.6	97	23	0.44	−1.32	0.0
Medicine Hat, Alb	2,144												
Calgary, Alb	3,428												
Banff, Alb	4,521												
Prince Albert, Sask	1,450	28.40	29.97	+.02	54.7	+7.1	68.8	40.6	95	22	0.92	−0.34	0.0
Battleford, Sask	1,592	28.19	29.92	.00	55.8	+4.8	71.2	40.5	94	12	0.53	−1.09	0.0
Edmonton, Alb	2,150												
Kamloops, B. C	1,262												
Victoria, B. C	230	29.80	30.05	+.05	55.4	+2.9	63.6	47.3	78	40	0.32	−1.16	0.0
Barkerville, B. C	4,180												
Estevan Point, B. C	20												
Prince Rupert, B. C	170												
Hamilton, Ber	151	29.91	30.07	+.01	68.7	−0.7	74.8	62.7	80	54	6.50	+1.84	0.0

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Cochrane, Ont	930				25.9		36.0	15.8	61	−1	2.11		7.1
Montreal, Que	187	29.66	29.87	−.13	37.2	−2.5	44.1	30.3	69	17	3.41	+1.17	11.8
Winnipeg, Man	760	29.12	29.98	−.04	34.0	−1.9	43.6	24.5	76	6	1.20	+0.15	2.4
Minnedosa, Man	1,690	28.12	29.98	−.03	29.9	−6.1	40.7	19.1	73	−3	1.43	+0.37	12.0
Medicine Hat, Alb	2,144	27.57	29.85	−.07	41.4	−3.1	53.2	29.6	85	10	0.43	−0.31	4.1
Calgary, Alb	3,428	26.30	29.92	+.02	36.0	−3.6	47.4	24.7	78	12	0.95	+0.31	9.5
Banff, Alb	4,521	25.24	29.87	−.03	33.4	−1.9	45.0	21.7	66	7	1.02	−0.06	8.1
Edmonton, Alb	2,150	27.57	29.89	.00	33.5	−6.4	43.3	23.7	78	4	0.92	+0.04	8.1
Kamloops, B. C	1,262	28.59	29.89	−.04	47.5	−1.4	57.8	37.2	76	25	0.23	−0.16	T.
Barkerville, B. C	4,180	25.51	29.84	−.02	32.1	−1.0	41.6	22.6	57	8	3.65	+1.83	27.9
Estevan Point, B. C	20				44.8		50.9	38.8	56	30	6.77		0.0
Prince Rupert, B. C	170				44.2		51.5	36.9	60	27	5.21		3.2