CLIMATOLOGICAL TABLES

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, August 1934

[For description of tables and charts, see Review, January, p. 37]

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	80.9	+1.2	Florence	104	6	2 stations	59	23	6.01	+1.48	Brewton	13.62	Riverton	1.36
Arizona	80.1	+.1	5 stations	116	[1] 1	Fort Valley	42	[1] 6	3.17	+.88	Prescott	8.70	Mohawk	.02
Arkansas	84.8	+5.0	Lead Hill	116	9	Dutton	48	30	2.75	−.75	St. Francis	7.43	Hope	.12
California	73.2	+.8	Greenland Ranch	121	18	Sierraville	30	[1] 17	.11	+.02	Campo	2.29	103 stations	.00
Colorado	69.4	+4.1	3 stations	108	[1] 5	Fraser	24	25	1.59	−.37	2 stations	5.53	Boulder	.21
Florida	81.4	.0	Raiford	99	9	Raiford	64	30	5.40	−1.62	Belle Glade	12.41	Orlando	1.27
Georgia	80.8	+1.4	Millen	102	6	Clayton	55	29	5.14	−.02	Brunswick	12.30	Stillmore	1.55
Idaho	68.9	+2.5	Cambridge	110	15	Warren	27	[1] 23	.21	−.40	Bostetter Ranger Station.	1.11	11 stations	.00
Illinois	75.4	+1.5	La Harpe	113	9	Mount Carroll	33	[1] 25	3.79	+.43	Tuscala	9.45	Keithsburg	1.4
Indiana	74.2	+1.0	Collegeville	107	9	4 stations	40	3	4.68	+1.29	Greencastle	10.35	Mount Vernon	1.4
Iowa	73.4	+1.5	Keokuk no. 2	116	9	Decorah	33	29	2.84	−.72	Muscantine	7.21	Corning	.66
Kansas	83.6	+6.2	Phillipsburg	117	6	2 stations	40	25	1.32	−1.85	Coffeyville	5.52	Burlington	T
Kentucky	76.6	+1.0	Franklin	104	12	Quicksand	46	30	4.76	+1.04	Pikeville	10.84	Cold Spring	1.61
Louisiana	83.3	+1.5	2 stations	108	8	2 stations	63	30	5.44	+.37	Delta Farms	14.97	Logansport	.00
Maryland-Delaware	72.1	−1.1	Keedysville, Md	97	14	Grantsville, Md	32	30	4.99	+.67	Cecilton, Md	11.50	Annapolis, Md	2.50
Michigan	65.2	−1.4	5 channels	103	9	Dukes	23	29	2.47	−.18	Hart	6.70	Ann Arbor	.74
Minnesota	66.0	−1.2	Pipestone	104	4	Big Falls	25	28	2.07	−1.08	Worthington	5.31	Red Lake Falls	.57
Mississippi	83.1	+2.5	Austin	107	8	Batesville	59	30	3.91	−.40	Bay St. Louis	11.02	Stoneville	.40
Missouri	80.6	+4.4	Downing	115	9	Grant City	41	25	3.90	−.04	Greenville	10.47	Appleton City	.07
Montana	66.6	+1.9	3 stations	109	3	Forks (near)	24	24	.33	−.82	Conway's Ranch	2.00	8 stations	.00
Nebraska	76.4	+3.5	Ashland	115	5	Weeping Water	35	24	1.67	−1.15	Wauneta	4.51	Santee	.26
Nevada	74.3	+4.1	Logandale	117	13	Canyon Creek Ranch.	28	20	.30	−.22	Searchlight	2.22	5 stations	.00
New England	64.7	−2.1	3 stations	93	10	Somerset, Vt	30	31	2.36	−1.53	Westfield, Mass	5.90	Lakeport, N. H	.74
New Jersey	69.8	−2.0	Burlington	100	10	2 stations	33	30	3.61	−1.14	Bridgeton	9.11	Sussex	1.40
New Mexico	73.3	+2.7	Nara Visa	111	11	Lake Alice	31	28	2.57	+.10	2 stations	8.06	Pennington	.19
New York	65.3	−2.0	Lowville	97	8	Franklinville	26	30	2.38	−1.42	Franklinville	5.21	Dannemora	.46
North Carolina	76.9	+1.1	Monroe	101	4	Banners Elk	44	29	5.63	+.10	Swansboro	19.90	Marshall	1.23
North Dakota	67.4	+1.2	New Salem	108	17	2 stations	25	[1] 23	1.15	−.89	Ellendale	3.06	Frybury	.06
Ohio	71.9	+.4	3 stations	103	9	Millport	35	30	4.20	+.87	Summerfield	7.84	Hamilton	1.12
Oklahoma	87.0	+5.8	Mutual	116	1	Boise City	50	25	2.57	−.44	Fort Reno	8.53	Atoka	.05
Oregon	67.2	+1.8	3 stations	105	[1] 25	2 stations	24	[1] 4	.26	−.17	Seaside	2.68	10 stations	.00
Pennsylvania	68.6	−1.4	2 stations	98	[1] 10	Brookville	30	30	4.94	+.77	Mount Lebanon	10.49	Montrose	1.27
South Carolina	79.9	+1.1	do	102	[1] 4	Caesars Head	53	31	5.02	−.68	Caesars Head	10.10	Aiken	.83
South Dakota	72.1	+1.7	4 stations	116	4	La Delle	28	24	1.32	−.99	Sioux Falls	3.62	Pollock	.00
Tennessee	79.3	+2.8	2 stations	109	7	2 stations	51	30	4.85	+.80	Decatur	13.79	Brownsville	.48
Texas	85.2	+2.4	McKinney	113	13	5 stations	53	[1] 24	1.27	−1.17	Galveston	9.35	3 stations	.00
Utah	72.9	+3.3	St. George	108	[1] 1	Thistle	32	1	.99	−.06	Bryce Canyon	4.18	Leeds (near)	T
Virginia	74.1	+.1	Charlottesville	100	14	Mineral	39	23	4.43	+.08	Emory	9.20	Floyd	1.20
Washington	67.1	+1.2	Wahluke	110	15	2 stations	32	[1] 4	.54	−.22	Quinault	3.67	Ellensburg	.00
West Virginia	71.6	.0	Charleston (Dam No. 6 G. K.).	99	9	Bayard	35	[1] 29	5.37	+1.35	Williamson	9.23	Marlinton	1.56
Wisconsin	65.8	−1.5	Fond du Lac	101	9	Long Lake	25	28	2.76	−.41	Stevens Point	4.91	Waukesha	.66
Wyoming	65.6	+1.9	Colony	107	3	Lake Yellowstone	21	21	.68	−.43	Pine Bluffs	2.47	Worland	.03
Alaska (July)	54.4	−1.7	Wrangell	92	25	2 stations	26	[1] 10	2.35	−.41	Perseverance Camp	6.70	Barrow	.02
Hawaii	76.4	+1.6	3 stations	94	[1] 4	Kanalohuluhulu	49	26	3.79	−3.34	Puu Kukui (upper)	15.00	2 stations	.00
Puerto Rico	78.8	−.2	Guayama	95	20	Guineo Reservoir	51	10	7.18	−.05	Maricao	18.30	Quebradillas	1.40

[1] Other dates also.

TABLE 1.—*Climatological data for Weather Bureau stations, August 1934*

[Compiled by Annie E. Small]

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							65.3	−2.0										75	1.93	−1.7										5.0		
Eastport	76	67	85	29.94	30.02	+0.06	59.6	−1.1	75	4	67	47	31	52	24	55	53	82	2.64	−0.4	9	6,306	sw.	28	s.	3	9	14	8	5.7	0.0	0.0
Greenville, Maine	1,070	6	40	28.88	30.01		59.6		83	18	70	39	16	49	35				2.08		11	3,537	nw.	22		24	12	12	7			
Portland, Maine	103	82	117	29.90	30.02	+.04	64.7	−1.7	84	20	73	49	6	56	25	58	54	71	1.10	−2.0	7	6,352	s.	25	nw.	5	16	11	4	3.2	.0	.0
Concord	289	60					64.0	−2.8	90	19	76	38	31	52	38				1.39	−2.2	8						12	15	4		.0	.0
Burlington	403	11	48	29.58	30.01	+.04	64.7	−3.2	89	19	75	41	31	54	32				1.31	−2.1	9	6,901	s.	30	s.	2	12	12	7	4.9	.0	.0
Northfield	876	12	60	29.10	30.04	+.06	60.0	−3.4	88	19	74	32	31	46	41	55	52	78	1.95	−1.6	9	5,112	s.	25	s.	2	8	14	9	5.3	.0	.0
Boston	124	336	360	29.89	30.03	+.04	67.3	−2.6	86	10	75	50	30	60	23	60	56	70	1.83	−1.8	9	9,509	sw.	32	nw.	5	6	18	7	5.4	.0	.0
Nantucket	12	14	90	30.02	30.03	+.04	67.2	−.6	81	2	74	54	30	61	18	62	60	82	2.21	−1.2	10	9,174	s.	33	ne.	13	12	9	10	5.0	.0	.0
Block Island	26	11	46	30.00	30.03	+.04	67.6	−.9	80	2	74	54	31	61	19	63	61	83	1.50	−2.2	9	9,336	sw.	30	nw.	5	10	13	8	5.5	.0	.0
Providence	160	215	251	29.86	30.03	+.04	68.0	−3.0	87	10	77	49	31	59	25	61	56	69	2.34	−1.2	8	7,247	nw.	37	nw.	5	17	3	11	4.5	.0	.0
Hartford	159	70	104		30.03	+.04	68.0	−.9	87	10	77	45	31	59	28				2.54	−1.8	9	4,954	s.				11	8	12		.0	.0
New Haven	106	74	153	29.94	30.04	+.05	68.6	−1.7	87	10	77	48	31	60	26	62	58	70	2.45	−1.8	8	6,208	s.	28	s.	2	9	10	12	5.4	.0	.0
Middle Atlantic States							72.1	−1.3										74	3.82	−0.5										5.9		
Albany	97	107	115	29.93	30.03	+.05	67.6	−3.2	89	10	77	45	31	58	31	60	56	70	2.76	−1.0	8	5,231	s.	22	s.	2	11	13	7	5.1	.0	.0
Binghamton	871	60	68	29.12	30.05	+.06	65.5	−2.5	91	10	76	37	31	55	36				3.23	−.4	11	3,729	ne.	17	s.	2	7	7	17	6.8	.0	.0
New York	314	415	454	29.70	30.03	+.03	70.4	−2.7	86	11	77	52	30	63	21	63	57	73	1.74	−2.6	9	9,077	s.	34	nw.	5	12	8	11	5.2	.0	.0
Bellefonte	1,050	5	42	28.95	30.04		65.6		90	10	76	36	30	55	36	61	59	83	3.96		12		sw.				11	9	11	5.8	.0	.0
Harrisburg	374	94	104	29.64	30.03	+.02	70.6	−2.0	91	10	79	48	31	62	26	63	59	72	5.08	+1.0	12	4,629	ne.	25	w.	10	13	5	13	5.5	.0	.0
Philadelphia	114	123	367	29.93	30.05	+.05	73.2	−1.6	89	14	80	54	30	66	21	65	60	69	4.29	−.3	12	7,961	s.	31	e.	12	10	5	16	5.8	.0	.0
Reading	323	283	306	29.69	30.04		70.1	−2.3	87	14	78	47	31	62	28	63	59	72	2.11	−2.1	12	6,756	s.	34	nw.	3	11	12	8	5.2	.0	.0
Scranton	805	72	104	29.19	30.04	+.04	67.1	−2.7	86	8	76	41	30	58	33	60	57	74	2.75	−.9	10	4,408	n.	18	nw.	10	6	14	11	5.7	.0	.0
Atlantic City	52	37	172	29.99	30.04	+.04	71.8	−.7	89	20	78	53	30	66	23	66	64	79	5.00	+.5	10	9,653	s.	37	ne.	12	7	9	15	6.4	.0	.0
Sandy Hook	22	10	57	30.01	30.03		70.9		87	10	77	56	30	65	18	65	61	76	2.09	−2.9	8	9,012	s.	30	ne.	12	12	7	12	5.3	.0	.0
Trenton	190	88	106	29.84	30.04		70.5	−2.5	88	14	80	49	30	62	26	64	60	73	2.59	−2.2	11	6,192	s.	24	w.	3	9	8	14	6.1	.0	.0
Baltimore	123	100	215	29.91	30.03	+.02	74.7	−.8	93	15	82	53	31	67	24	66	62	71	6.63	+2.3	9	6,647	sw.	33	nw.	15	7	10	14	6.0	.0	.0
Washington	112	62	85	29.92	30.04	+.03	74.1	−.9	92	15	83	49	31	66	27	67	63	75	5.21	+1.2	9	4,022	sw.	38	nw.	15	8	11	12	5.7	.0	.0
Cape Henry	18	8	54	30.02	30.04		77.0	+.1	94	16	83	63	28	71	22	71	69	80	5.06	+.2	12	7,675	sw.	38	nw.	16	6	14	11	6.2	.0	.0
Lynchburg	686	5		29.32	30.06	+.04	76.4	+.8	96	11	86	54	31	66	29				4.69	+.9	15		n.				1	22	8		.0	.0
Norfolk	91	170	205	29.96	30.06	+.06	77.6	+.2	92	15	84	63	31	71	19	71	68	80	4.37	−.8	10	7,962	s.	40	w.	16	4	12	15	7.1	.0	.0
Richmond	144	11	52	29.91	30.05	+.04	76.1	−.4	93	15	84	50	31	68	25	69	67	80	3.22	−1.2	14	4,986	sw.	30	nw.	16	6	8	17	6.5	.0	.0
Wytheville	2,304	49	55		30.03	+.02	70.7	+.2	87	13	79	51	27	63	24			84	4.04	−.2	17	5,944	w.	20	w.	16	1	14	16		.0	.0
South Atlantic States							79.8	+1.5										82	5.34	−0.4										6.3		
Asheville	2,253	89	104	27.78	30.06	+.04	73.8	+3.3	90	11	83	54	29	64	28	67	65	83	1.59	−2.6	13	4,392	s.	21	nw.	1	2	15	14	6.6	.0	.0
Charlotte	779	63	86	29.24	30.06	+.04	78.6	+1.5	96	20	86	60	31	71	22	71	69	79	4.23	−.8	14	5,456	sw.	24	se.	8	1	11	19	7.3	.0	.0
Greensboro	886	6	56	29.12	30.06		76.8		93	16	86	54	31	68	25	70	69	86	2.25		14	4,913	sw.	34	nw.	25	1	10	20	7.8	.0	.0
Hatteras	11	5	50	30.04	30.05	+.05	79.0	+1.0	89	1	84	68	31	74	17	74	72	81	5.22	−.5	10	8,371	sw.	37	nw.	5	8	14	9	5.3	.0	.0
Raleigh	376	103	146	29.65	30.04	+.03	78.1	+1.1	94	20	86	56	31	70	21	71	69	81	6.51	+1.1	10	5,647	sw.	30	nw.	25	1	10	20	7.6	.0	.0
Wilmington	72	73	107	29.99	30.06	+.06	80.2	+2.6	93	5	87	57	31	73	23	74	72	82	5.28	−1.1	15	6,687	sw.	27	n.	5	5	15	11	6.1	.0	.0
Charleston	48	11	92	30.02	30.07	+.06	82.2	+1.2	96	4	88	64	31	76	20	76	74	82	7.05	+.5	16	7,294	sw.	26	nw.	17	4	16	11	6.2	.0	.0
Columbia, S. C.	351	41	57	29.68	30.05	+.04	80.7	+1.1	98	4	90	61	31	72	27	73	71	81	3.69	−1.8	8	5,035	sw.	21	sw.	23	5	18	8	5.8	.0	.0
Augusta	182	62	77	29.85	30.04	+.03	81.7	+1.3	98	4	91	63	31	73	23	74	72	80	3.41	−1.6	9	4,140	s.	19	nw.	4	5	16	10	6.3	.0	.0
Savannah	65	73	152	29.99	30.06	+.05	81.8	+1.1	96	20	90	65	31	73	23	74	72	82	10.40	+3.1	11	6,800	sw.	45	n.	27	9	17	5	5.2	.0	.0
Jacksonville	43	86	110	30.03	30.08	+.07	82.2	+.5	94	5	90	67	30	74	21	74	73	81	5.98	+.2	15	5,113	s.	23	w.	3	11	14	6	4.7	.0	.0
Florida Peninsula							82.6	+0.4										76	3.85	−2.5										5.1		
Key West	22	10	64	30.00	30.02	+.04	83.4	−.1	91	30	89	72	12	78	16	76	74	74	2.24	−2.3	20	6,081	e.	30	nw.	30	12	13	6	5.1	.0	.0
Miami	25	124	168	30.03	30.06	+.04	82.1	+.7	93	30	88	71	11	76	19	76	73	75	3.20	−3.0	17	6,051	se.	24	sw.	7	4	18	9	6.1	.0	.0
Tampa	35	88	197	30.03	30.06	+.06	82.2	+.7	93	23	90	70	31	74	20	74	73	80	6.10	−2.1	15	6,507	e.	29	ne.	31	13	14	4	4.2	.0	.0
Titusville	43	5	36	30.02	30.07		81.2		94	20	91	68	8	72	23				5.43		11		se.				15	12	4		.0	.0
East Gulf States							81.0	+1.1										82	6.27	+0.9										6.1		
Atlanta	1,173	128	135	28.85	30.06	+.05	78.4	+1.4	92	4	87	64	4	70	28	72	69	80	3.32	−1.1	11	5,604	w.	30	n.	4	0	18	13	7.0	.0	.0
Macon	370	79	87	29.67	30.06	+.05	80.9	+1.0	95	4	90	66	31	72	27	73	71	79	5.08	+.7	15	4,191	s.	27	n.	4	3	21	7	6.0	.0	.0
Thomasville	273	49	58	29.79	30.08	+.08	80.6	−.4	95	17	90	62	12	71	25	74	72	83	3.32		13		sw.				2	16	13		.0	.0
Apalachicola	35	11	51	30.01	30.05		81.6		91	11	88	70	31	76	16	76			4.70	−2.8	17		ne.				4	24	3		.0	.0
Pensacola	56	149	185	29.99	30.05	+.07	80.6	−.3	91	5	86	68	6	75	23	75	73	82	8.88	+.9	14	7,301	s.	46	ne.	5	8	17	6	5.0	.0	.0
Anniston	741	9					79.8	+3.4	94	6	89	62	30	71	24				8.22		10		se.				7	13	11		.0	.0
Birmingham	700	11	48	29.30	30.05	+.06	80.2	+1.0	96	5	89	66	30	72	24	73	71	84	9.25	+5.0	11	4,090	s.	21	se.	12	6	13	12	6.0	.0	.0
Mobile	57	125	161	29.98	30.04	+.06	81.6	+.6	93	7	89	70	6	74	22	75	73	83	7.59	+.7	15	5,668	s.	29	n.	8	3	18	10	6.3	.0	.0
Montgomery	218	92	105	29.82	30.06	+.07	81.1	+.3	96	6	90	68	29	73	24	74	72	83	4.19	.0	13	4,281	sw.	21	ne.	11	4	17	10	6.5	.0	.0
Meridian	375	67	92	29.65	30.03	+.05	81.8	+2.3	98	7	92	67	30	72	26	74	72	83	3.89	−.6	10	3,826	sw.	26	ne.	6	9	11	11	5.4	.0	.0
Vicksburg	247	65	73	29.77	30.03	+.05	83.0	+2.2	97	8	92	68	29	74	22	74	72	78	4.35	+.9	5	5,078	s.	25	e.	12	7	13	11	6.1	.0	.0
New Orleans	53	76	84	29.98	30.03	+.05	83.0	+.8	94	7	90	71	8	76	22	76	74	81	11.46	+5.7	18	4,250	sw.	25	ne.	8	1	17	13	6.8	.0	.0
West Gulf States							85.0	+3.0										69	1.93	−1.2										4.2		
Shreveport	249	92	227	29.73	29.99	+.02	86.6	+4.6	102	8	97	69	30	76	28	74	70	64	.73	−2.0	2	7,171	sw.	34	ne.	9	15	15	1	3.7	.0	.0
Bentonville	1,303	11	44	28.62	29.94	−.03	83.2	+6.7	106	9	95	58	30	71	32				4.43		8	4,430	s.	21	se.	16	11	9	11		.0	.0
Fort Smith	457	79	94	29.48	29.94	−.03	87.8	+7.3	109	9	99	66	30	76	31	71	63	53	1.68	−1.6	7	5,451	e.	21	e.	16	9	15	7	5.0	.0	.0
Little Rock	357	94	102	29.62	29.99	+.01	84.6	+4.8	105	8	95	63	30	74	33	72	67	62	2.15	−1.6	6	5,945	sw.	28	ne.	3	10	15	6	5.0	.0	.0
Austin	605	136	148	29.34	29.97		85.2	+1.4	99	13	96	71	27	75	24	73	69	66	.46	−1.6	5	6,303	s.	22	s.	2	18	11	2	3.7	.0	.0
Brownsville	57	88	96	29.88	29.94		83.6	−.3	96	28	91	70	1	76	22	76	74	80	.98	−1.6	7	7,941	se.	27	se.	23	14	14	3	4.0	.0	.0
Corpus Christi	20	11	78	29.97	29.99	+.06	83.8	+1.3	97	27	89	76	29	78	20	77	75	81	.15	−2.1	3	8,416	s.	24	se.	2	12	15	4	4.8	.0	.0
Dallas	512	220	227	29.42	29.95		87.6		103	14	97	70	26	78	23	72	65	53	.24	−2.5	3	7,701	s.	43	ne.	26	19	10	2	3.5	.0	.0
Fort Worth	670	106	114	29.28	29.97	+.03	88.3	+5.3	103	13	98	72	25	78	24				.13	−2.5	4	7,261	sw.	27	e.	9	25	6	0	1.7	.0	.0
Galveston	54	106	114	29.94	30.00	+.04	83.2	+.2	90	18	87	71	26	79	17	77	75	79	9.35	+5.1	9	8,141	s.	41	ne.	27	16	7	8	4.5	.0	.0
Houston	138	292	314	29.86	30.00		83.5	+.3	96	19	92	70	30	76	23				1.61	−2.6	9	7,745	s.	32	ne.	27	10	17	4	4.8	.0	.0
Palestine	510	64	72	29.47	29.99	+.02	85.3	+3.5	101	9	96	69	30	74	29	73	69	67	1.48	−.7	3	5,590	s.	25	e.	9	16	12	3	3.8	.0	.0
Port Arthur	34	58	66	29.96	30.00		83.4		95	9	90	72	29	77	19	76	74	80	5.26	−.8	12	6,133	s.	34	ne.	27	9	18	4	4.9	.0	.0
San Antonio	693	242	301	29.25	29.95	+.02	84.6	+1.1	99	21	94	71	2	75	25	73	69	69	.88	−1.5	3	8,261	se.	32	ne.	26	6	22	3	4.8	.0	.0

TABLE 1.—*Climatological data for Weather Bureau stations, August 1934*—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.
Ohio Valley and Tennessee							**76.1**	**+1.0**										**73**	**4.36**	**+0.9**										**5.9**		
Chattanooga	762	71	214	29.25	30.04	+0.04	80.4	+2.9	96	4	89	63	29	72	24	72	70	76	6.50	+2.5	15	4,671	w.	24	n.	25	4	15	12	6.6	0.0	0.0
Knoxville	995	66	84	29.01	30.04	+.03	78.4	+2.2	93	9	87	61	29	69	25	71	68	80	7.47	+3.6	15	3,677	sw.	21	e.	13	5	15	11	6.6	.0	.0
Memphis	399	78	86	29.58	29.99	+.01	83.4	+4.0	105	8	92	62	30	75	24	73	69	68	2.19	−1.2	7	5,345	sw.	21	ne.	13	5	16	10	6.0	.0	.0
Nashville	546	168	191	29.46	30.03	+.03	80.2	+2.4	98	8	89	60	30	72	25	71	68	73	1.87	−1.8	8	5,597	sw.	24	nw.	1	4	12	15	7.1	.0	.0
Lexington	989	5																														
Louisville	525	188	234	29.46	30.03	+.03	76.8	−.2	94	9	86	53	30	68	29	68	64	71	4.91	+1.5	15	6,278	s.	35	n.	10	9	11	11	5.6	.0	.0
Evansville	431	76	116	29.55	30.00	+.01	77.7	+.3	94	9	86	53	29	69	31	70	66	72	3.66	+.3	10	5,572	s.	26	sw.	2	8	8	15	6.0	.0	.0
Indianapolis	822	194	230	29.16	30.03	+.03	74.2	+.5	97	9	83	48	29	65	26	65	61	67	2.49	−.8	15	6,682	s.	24	n.	10	7	13	11	5.9	.0	.0
Terre Haute	575	96	129	29.40	30.00		75.2		96	9	84	47	29	66	26	67	64	72	4.63	+1.4	14	5,883	s.	24	n.	10	10	15	6	4.8	.0	.0
Cincinnati	627	11	51	29.36	30.02	+.01	76.2	+2.6	97	9	87	51	30	66	36	66	62	68	1.72	−1.7	9	4,405	sw.	22	n.	9	7	12	12	5.7	.0	.0
Columbus	822	216	230	29.16	30.02	+.01	73.2	+.2	96	9	83	50	29	64	28	64	60	67	4.13	+.9	10	6,591	s.	42	n.	9	6	16	9	5.6	.0	.0
Elkins	1,947	59	78	28.07	30.07	+.05	68.6	−.5	86	7	79	43	30	58	32	63	61	86	4.93	+1.1	14	3,484	nw.	24	n.	3	4	14	13	6.5	.0	.0
Parkersburg	637	77	84	29.42	30.06	+.05	73.7	−.2	95	9	84	49	30	64	32	66	64	76	4.69	+1.2	10	3,885	se.	27	nw.	3	13	7	11	5.2	.0	.0
Pittsburgh	842	353	410	29.14	30.04	+.03	70.7	−2.2	90	9	80	46	30	61	29	63	59	72	7.47	+4.2	12	5,862	sw.	42	nw.	2	9	12	10	5.6	.0	.0
Lower Lake Region							**68.3**	**−1.3**										**66**	**2.24**	**−0.8**										**4.9**		
Buffalo	768	243	280	29.19	30.01	+.02	66.8	−1.8	93	8	74	49	30	59	27	59	54	67	1.18	−1.9	6	8,618	sw.	43	w.	2	12	12	7	4.7	.0	.0
Canton	448	10	61	29.52	29.99		64.4	−3.4	93	8	77	36	30	52	39				.95	−2.7	8	5,600	sw.	29	sw.	19	9	15	7	5.3	.0	.0
Ithaca	836	77	100	29.14	30.04		66.0	−2.6	92	10	77	38	31	55	36	59	55	74	3.86	+.5	11	5,888	nw.	22	s.	2	8	11	12	5.8	.0	.0
Oswego	335	71	85	29.66	30.02	+.03	65.6	−2.8	92	19	74	45	31	58	29	59	54	67	1.07	−1.5	6	6,356	s.	25	n.	28	10	13	8	5.2	.0	.0
Rochester	523	86	102	29.47	30.03	+.04	67.3	−1.9	94	8	76	44	30	58	29	58	53	62	1.76	−1.1	8	5,551	sw.	21	sw.	19	9	16	6	5.3	.0	.0
Syracuse	596	65	79	29.40	30.04	+.05	67.6	−1.0	92	8	77	42	31	58	34				2.09	−.8	11	5,000	s.	21	nw.	24	9	14	8	5.6	.0	.0
Erie	714	130	166	29.27	30.02	+.01	68.7	−.9	92	8	77	49	30	61	28	61	57	69	3.15	−.1	9	8,061	n.	30	s.	19	13	14	4	4.0	.0	.0
Cleveland	762	267	337	29.21	30.02	+.01	70.0	.0	93	8	77	50	30	63	27	62	57	66	2.46	−.3	11	8,190	n.	44	n.	2	12	13	6	4.7	.0	.0
Sandusky	629	5	67	29.36	30.03	+.02	71.4	−.4	98	8	81	46	30	62	33				2.99	−.2	11	5,464	s.	27	n.	2	9	12	10	5.1	.0	.0
Toledo	628	79	87	29.36	30.03	+.03	71.1	−.2	96	9	80	46	29	62	28	62	56	64	1.80	−1.1	8	5,844	sw.	26	w.	19	17	11	3	3.5	.0	.0
Fort Wayne	857	69	84	29.11	30.02		72.0	+.9	102	9	82	47	30	62	28	62	57	64	3.75	+.6	11	5,476	se.	30	sw.	2	8	15	8	5.5	.0	.0
Detroit	626	5	78	29.35	30.03	+.02	69.2	−1.1	93	8	80	43	30	58	32	60	55	64	1.84	−.9	7	6,089	ne.	32	nw.	2	12	12	7	4.6	.0	.0
Upper Lake Region							**64.8**	**−1.4**										**70**	**2.39**	**−0.5**										**5.0**		
Alpena	609	13	89	29.37	30.04	+.04	61.7	−2.4	90	9	72	39	29	52	31	56	52	72	1.38	−1.5	12	7,543	nw.	34	s.	19	14	13	4	4.1	.0	.0
Escanaba	612	54	60	29.36	30.02	+.03	61.0	−3.3	83	9	70	37	29	52	28	56	52	73	2.68	−.5	9	6,765	s.	27	nw.	19	9	15	7	5.0	.0	.0
Grand Rapids	707	70	244	29.26	30.01	+.01	69.8	+.1	97	9	81	44	29	59	31	60	54	63	1.62	−1.0	10	6,977	n.	34	nw.	19	13	9	9	4.5	.0	.0
Lansing	878	6	88	29.09	30.02		67.2	−1.3	95	9	79	41	29	55	33	60	56	74	1.51	−1.3	6	5,580	s.	29	nw.	2	11	13	7	4.9	.0	.0
Ludington	637	5	54	29.33	30.02		64.4	−.9	86	9	73	37	29	56	35	59			4.32	+1.7	9		n.				12	8	11		.0	.0
Marquette	734	77	111	29.22	30.01	+.03	61.0	−2.8	94	18	70	38	29	52	36	54	50	68	1.83	−.8	7	6,778	w.	32	w.	19	6	17	8	5.6	.0	.0
Sault Sainte Marie	614	11	52	29.33	30.02	+.03	59.4	−2.7	87	17	70	40	29	49	32	54	50	76	2.02	−.6	11	5,558	nw.	32	nw.	19	8	19	4	5.0	.0	.0
Chicago	673	7	131	29.30	30.02	+.02	72.4	+.8	100	8	80	50	25	65	26	63	59	67	3.41	+.2	10	6,726	ne.	24	ne.	10	9	15	7	5.2	.0	.0
Green Bay	617	109	141	29.35	30.00	+.01	65.6	−2.1	94	9	76	40	29	56	29	59	54	70	3.85	+.7	9	6,698	se.	39	sw.	18	10	8	13	5.8	.0	.0
Milwaukee	681	97	221	29.28	30.02	+.02	69.2	.0	97	9	77	49	25	62	28	61	56	67	1.43	−1.2	9	8,452	e.	35	n.	18	14	9	8	4.5	.0	.0
Duluth	1,133	5	47	28.78	29.98	+.01	61.4	−1.2	92	18	71	38	24	51	35	55	51	73	2.19	−1.0	10	8,117	ne.	59	w.	18	11	10	10	4.9	.0	.0
North Dakota							**67.8**	**+1.8**										**52**	**0.97**	**−1.2**										**4.2**		
Moorhead, Minn	940	50	58	28.96	29.96	.00	67.5	+1.4	95	17	80	39	24	55	37	57	49	58	2.16	−.7	7	6,293	s.	24	n.	18	9	13	9	5.1	.0	.0
Bismarck	1,674	8	57	28.19	29.95	+.01	69.8	+2.5	102	17	83	33	24	56	43	56	45	48	.50	−1.3	3	6,708	nw.	32	nw.	18	14	12	5	4.0	.0	.0
Devils Lake	1,478	11	44	28.41	29.96	+.02	66.1	+1.3	100	17	80	32	24	52	40	54	46	56	1.00	−1.5	6	7,028	se.	30	nw.	1	11	16	4	4.7	.0	.0
Grand Forks	833	12	67				66.6		98	17	81	36	28	52	41	56			1.39		11		nw.	30	nw.	23	4	23	4		.0	.0
Williston	1,878	41	48	28.01	29.95	+.02	68.0	+1.9	101	17	83	35	25	54	44	53	43	47	.21	−1.3	5	6,228	se.	34	w.	17	21	6	4	2.9	.0	.0
Upper Mississippi Valley							**73.8**	**+1.0**										**67**	**2.84**	**−0.4**										**5.2**		
Minneapolis	918	102	208	29.01	29.98		70.1	+.2	97	18	80	42	28	60	30	59	52	59	1.61	−1.5	7	7,635	s.	43	nw.	8	13	9	9	5.1	.0	.0
La Crosse	714	11	48	29.22	29.98	.00	69.4	−.6	94	9	80	40	29	58	34	61	57	72	1.90	−1.8	11	3,297	s.	19	w.	18	11	11	9	4.9	.0	.0
Madison	974	70	78	28.97	30.00	+.01	69.4	−.4	95	9	79	47	30	60	27	62	57	69	2.21	−1.0	10	5,731	se.	21	ne.	27	12	10	9	4.7	.0	.0
Charles City	1,015	10	51	28.93	29.99	+.02	69.0	−.1	97	8	80	38	24	58	36	61	56	69	3.86	+.4	13	4,740	se.	26	ne.	4	12	12	7	4.5	.0	.0
Davenport	606	66	161	29.35	30.00	+.02	73.1	.0	100	9	83	48	29	63	31	64	60	68	5.41	+1.9	10	5,994	ne.	31	nw.	14	8	13	10	5.6	.0	.0
Des Moines	861	5	99	29.07	29.96	−.01	75.8	+2.7	109	8	88	44	25	63	36	63	56	56	1.39	−2.1	7	6,372	n.	30	n.	8	8	14	9	5.3	.0	.0
Dubuque	700	60	79	29.25	29.99	+.01	71.0	−.7	98	8	81	43	29	61	34	62	57	68	3.29	.0	11	3,972	s.	16	n.	9	9	10	12	5.4	.0	.0
Keokuk	614	64	78	29.33	29.99	+.01	77.8	+2.8	110	9	89	50	29	67	32	66	60	60	2.66	−.5	7	5,119	sw.	32	sw.	31	9	10	12	5.6	.0	.0
Cairo	358	87	93	29.62	29.99	.00	79.0	+1.2	99	8	87	56	29	71	27	71	68	75	2.70	−.3	13	5,310	s.	24	sw.	13	6	9	16	6.5	.0	.0
Peoria	609	11	45	29.36	30.02	+.03	74.4	+1.9	104	9	85	48	29	64	36	66	63	74	2.30	−.8	10	4,056	s.	19	ne.	14	13	12	6	4.1	.0	.0
Springfield, Ill	636	5	191	29.32	29.99	.00	77.0	+2.5	108	9	87	48	29	67	29	67	64	71	3.62	+.4	10	7,179	s.	36	n.	2	10	12	9	5.5	.0	.0
St. Louis	568	265	303	29.38	29.98	−.01	80.0	+2.7	108	9	90	52	29	70	29	69	65	66	3.14	+.2	10	7,640	s.	32	sw.	9	10	12	9	5.0	.0	.0
Missouri Valley							**79.0**	**+4.7**										**53**	**2.34**	**−1.0**										**4.2**		
Columbia, Mo	784	6	84	29.15	29.96	−.01	80.1	+4.5	110	10	92	53	29	68	34				4.94	+1.3	7	5,499	sw.	27	nw.	11	9	17	5	4.6	.0	.0
Kansas City	750	32	45	29.15	29.93	−.04	83.0	+6.4	111	10	96	51	24	71	34	67	58	52	1.44	−2.6	10	6,826	sw.	35	sw.	27	13	14	4	4.5	.0	.0
St. Joseph	967	11	49	28.93	29.94		81.0		110	10	94	49	24	68	40	65	57	52	5.84	+2.3	9	5,705	sw.	38	nw.	10	12	15	4	4.1	.0	.0
Springfield, Mo	1,324	98	104	28.60	29.97	.00	80.8	+5.1	104	9	90	56	29	71	29	68	61	59	2.60	−1.5	11	6,848	s.	29	se.	4	14	12	5	4.0	.0	.0
Iola	984	11	50	28.92	29.93	−.03	84.6	+7.5	108	12	99	54	24	70	36				.82	−2.7	6		s.				16	12	3		.0	.0
Topeka	987	65	87				83.6	+7.4	112	10	97	52	24	70	40				1.71	−2.4	8	6,548	s.	27	n.	13	12	15	4	4.0	.0	.0
Lincoln	1,189	11	81	28.70	29.93	−.02	79.0	+4.6	110	8	92	45	25	66	38	63	55	51	2.59	−1.0	7	6,792	ne.	40	n.	12	12	13	6	4.5	.0	.0
Omaha	1,105	170	200	28.80	29.95	−.01	78.6	+4.2	110	5	90	47	24	67	32	63	55	51	1.11	−1.9	11	7,298	s.	35	n.	18	13	12	6	4.4	.0	.0
Valentine	2,598	47	54	27.32	29.99	+.05	73.8	+2.1	107	4	88	43	25	60	38	59	50	50	2.14	.0	8	6,655	n.	35	nw.	30	16	11	4	3.8	.0	.0
Sioux City	1,138	64	106	28.76	29.94	−.01	74.5	+2.5	108	4	87	44	24	62	37	62	55	56	1.12	−2.0	10	6,313	se.	24	se.	29	11	12	8	4.8	.0	.0
Huron	1,306	60	74	28.59	29.96	+.01	72.4	+3.0	110	4	86	40	24	59	38	60	51	54	1.45	−1.0	5	6,918	se.	32	s.	20	18	11	2	3.3	.0	.0
Northern Slope							**69.0**	**+2.7**										**46**	**0.77**	**−0.4**										**3.9**		
Billings	3,140	4																														
Havre	2,505	11	67	27.40	30.00	+.09	67.8	+2.4	102	3	84	40	31	52	43	53	41	46	.98	−.2	8	5,595	e.	39	w.	3	18	12	1	3.0	.0	.0
Helena	4,124	85	111	25.85	29.96	+.02	68.8	+3.8	92	6	83	43	24	55	39	52	40	40	.03	−.7	2	5,959	sw.	35	sw.	17	13	12	6	4.3	.0	.0
Kalispell	2,973	48	56	29.67	29.96	+.06	66.0	+3.2	90	2	82	44	24	50	41	51	38	42	.07	−.8	1	4,754	nw.	25	w.	17	19	12	0	2.6	.0	.0
Miles City	2,371	48	55	27.50	30.00	+.07	72.3	+.8	107	3	86	43	24	59	39	55	42	40	.42	−.7	2	4,883	n.	35	nw.	11	16	10	5	3.6	.0	.0
Rapid City	3,259	50	58	26.67	30.01	+.08	71.7	+2.2	102	3	85	42	23	58	40	57	47	46	.43	−1.3	10	6,233	w.	30	nw.	18	19	7	5	3.5	.0	.0
Cheyenne	6,094	50	71	24.14	29.97	+.05	67.8	+2.2	92	3	81	41	25	54	39	53	45	52	1.41	−.1	9	6,394	nw.	30	nw.	6	10	15	6	5.0	.0	.0
Lander	5,372	60	68	24.75	29.97	+.05	68.6	+3.1	94	3	85	40	24	53	41	53	42	45	.37	−.2	3	4,080	sw.	44	sw.	3	18	9	4	3.5	.0	.0
Sheridan	3,790	10	47	26.16	30.00		67.8		100	17	85	37	25	51	49	53	42	48	.12	−.8	5	3,645	nw.	30	nw.	18	17	7	7	3.8	.0	.0
Yellowstone Park	6,241	11	48	24.03	30.03	+.10	61.	+1.0	86	3	78	36	24	46	43	47	36	48	.68	−.4	5	5,514	sw.	34	sw.	17	14	10	7	4.1	.0	.0
North Platte	2,821	11	51	27.09	29.94	.00	76.1	+5.3	106	5	90	44	25	63	40	62	55	58	3.20	+.8	12	5,239	se.	27	nw.	30	12	15	4	4.6	.0	.0

TABLE 1.—*Climatological data for Weather Bureau stations, August 1934*—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.
Middle Slope							81.4	+5.5										46	1.68	−0.8										4.6		
Denver	5,292	106	113	24.83	29.97	+0.05	74.4	+3.7	97	3	86	50	25	62	32	57	48	48	.91	−0.5	10	5,726	s.	28	nw.	22	3	26	2	5.1	0.0	0.0
Pueblo	4,685	80	86	25.37	29.93	+.02	77.3	+4.6	100	4	91	50	25	64	35	59	48	45	.40	−1.4	8	5,410	e.	30	w.	18	11	17	3	4.8	.0	.0
Concordia	1,392	50	58	28.51	29.94	−.01	82.5	+6.0	109	8	95	51	24	70	35	65	54	45	.71	−2.2	7	6,084	sw.	24	ne.	23	12	16	3	4.5	.0	.0
Dodge City	2,509	10	86	27.40	29.93	.00	82.8	+5.1	105	9	96	52	24	70	34	64	54	45	.24	−2.4	7	8,958	s.	33	se.	27	17	10	4	3.6	.0	.0
Wichita	1,358	85	93	28.52	29.90	−.05	85.3	+7.0	106	1	96	57	24	74	34	66	56	43	.38	−2.8	6	8,034	sw.	30	w.	1	14	11	6	4.4	.0	.0
Oklahoma City	1,214	10	47	28.69	29.94	.00	86.2	+6.5	107	12	97	59	25	75	28	69	61	51	7.44	+4.6	5	6,630	s.	22	sw.	2	11	11	9	5.0	.0	.0
Southern Slope							83.6	+4.0										51	0.81	−1.5										3.4		
Abilene	1,738	10	52	28.18	29.92	.00	86.6	+4.6	104	13	98	63	25	75	28	69	61	50	.15	−2.1	2	7,137	s.	22	s.	3	17	9	5	3.3	.0	.0
Amarillo	3,676	10	49	26.32	29.93	+.01	81.4	+5.7	104	1	93	57	25	70	30	64	55	48	1.51	−1.6	5	6,693	s.	22	se.	30	15	10	6	4.4	.0	.0
Big Spring	2,537	5	62	27.38	29.93	------	82.8	------	100	13	94	62	25	72	30	67	59	52	3.41	------	3	------	s.	------	------	------	19	9	3	3.5	.0	.0
Del Rio	944	64	71	28.92	29.88	−.02	86.0	+1.8	99	22	95	74	2	77	22	72	65	56	.10	−1.6	1	7,889	se.	23	se.	10	16	13	2	3.3	.0	.0
Roswell	3,566	75	85	26.39	29.90	+.02	80.4	+3.8	101	1	93	59	24	68	31	64	54	50	1.48	−.7	6	5,727	se.	34	n.w	22	23	6	2	2.4	.0	.0
Southern Plateau							80.0	+2.6										52	1.18	0.0										4.1		
El Paso	3,778	152	175	26.18	29.84	.00	83.8	+4.6	101	1	95	67	30	72	28	65	55	43	.60	−1.1	8	7,086	e.	34	sw.	21	26	4	1	2.2	.0	.0
Albuquerque	4,972	5	39	25.10	29.84	------	77.2	------	101	1	91	57	23	64	37	60	51	50	2.10	+.9	8	6,067	n.	34	se.	16	10	16	5	4.9	.0	.0
Santa Fe	7,013	38	53	23.40	29.90	+.01	70.2	+2.8	90	1	82	51	23	59	31	55	47	52	2.35	+.1	17	4,320	e.	16	nw.	22	4	20	7	5.8	.0	.0
Flagstaff	6,907	10	59	23.48	29.92	+.08	65.4	+2.6	89	2	79	46	31	52	34	54	------	72	4.56	------	21	5,208	n.	30	nw.	10	0	16	15	------	.0	.0
Phoenix	1,108	10	107	28.70	29.81	+.02	90.0	+1.5	113	1	101	71	4	79	28	71	62	46	1.07	+.1	7	4,707	w.	34	s.	3	9	19	3	5.0	.0	.0
Yuma	141	9	54	29.66	29.80	+.04	91.8	+1.4	113	1	104	72	4	79	35	75	68	51	.74	+.2	2	4,397	s.	23	se.	27	23	7	1	2.4	.0	.0
Independence	3,957	5	26	25.98	29.93	+.12	79.0	+2.9	103	18	96	52	7	62	45	57	------	------	.21	+.1	2	------	se.	------	------	------	21	9	1	------	.0	.0
Middle Plateau							75.0	+3.9										35	0.89	+0.2										3.6		
Reno	4,527	61	76	25.51	29.91	+.07	73.3	+6.3	97	18	91	49	28	55	47	52	36	32	.19	.0	1	4,996	w.	30	w.	27	23	7	1	1.6	.0	.0
Tonopah	6,090	12	20	------	------	------	75.1	------	93	18	86	55	27	64	31	54	38	30	.36	------	4	------	se.	------	------	------	------	------	------	------	.0	.0
Winnemucca	4,344	18	56	------	29.94	+.06	73.4	+4.1	99	25	94	45	23	53	51	------	------	24	.01	−.2	1	5,339	ne.	21	sw.	27	25	4	2	------	.0	.0
Modena	5,473	10	46	24.68	29.90	+.04	74.2	+2.9	93	1	87	54	30	58	37	56	46	51	1.81	+.5	12	7,151	sw.	31	ne.	21	5	19	7	5.7	.0	.0
Salt Lake City	4,360	86	210	25.64	29.91	.00	77.8	+3.3	100	2	90	58	31	65	33	58	43	34	1.01	+.2	7	5,401	s.	27	ne.	8	21	5	5	3.3	.0	.0
Grand Junction	4,602	60	68	25.42	29.92	+.02	78.3	+2.9	100	2	92	56	23	65	35	59	48	41	1.45	+.3	6	4,886	se.	33	s.	9	13	15	3	4.0	.0	.0
Northern Plateau							72.9	+3.6										35	0.20	−0.2										2.3		
Baker	3,471	48	53	26.48	30.00	+.05	68.2	+3.6	96	16	86	43	4	50	43	51	37	37	.01	−.5	1	4,977	n.	16	n.	17	23	6	2	2.4	.0	.0
Boise	2,739	79	87	27.14	29.93	.00	74.9	+3.1	100	16	91	52	4	59	39	55	39	32	.10	−.1	1	3,856	nw.	23	nw.	30	21	8	2	2.3	.0	.0
Pocatello	4,477	60	68	25.52	29.92	.00	73.2	+3.6	95	17	89	49	24	58	42	53	36	33	.37	−.3	3	5,927	se.	27	s.	8	19	9	3	3.1	.0	.0
Spokane	1,929	101	110	27.96	29.97	+.02	71.0	+2.9	96	28	86	48	4	56	39	53	39	37	.19	−.4	2	3,881	s.	20	s.	17	26	2	3	2.1	.0	.0
Walla Walla	991	57	65	28.90	29.95	−.01	75.8	+3.1	100	26	90	51	4	62	37	57	41	33	.35	−.1	1	3,919	s.	17	sw.	17	27	3	1	1.4	.0	.0
Yakima	1,076	58	67	28.85	29.98	------	74.5	+5.0	98	26	89	50	4	60	38	57	44	39	.20	.0	2	4,834	nw.	20	nw.	17	23	5	3	2.3	.0	.0
North Pacific Coast Region							64.1	+2.0										68	0.84	0.0										5.0		
North Head	211	11	56	29.88	30.10	+.07	58.7	+1.1	76	22	62	51	23	56	20	56	55	90	1.02	.0	11	9,191	n.	38	s.	5	3	5	23	8.2	.0	.0
Seattle	125	90	321	29.93	30.06	+.06	66.2	+3.1	88	25	76	52	31	57	30	58	52	66	.18	−.5	4	5,194	n.	30	w.	5	12	12	7	4.3	.0	.0
Tatoosh Island	86	10	54	29.99	30.09	+.09	56.2	+.9	68	22	59	49	8	53	15	54	53	92	3.41	+1.4	11	7,263	s.	24	s.	5	2	4	25	8.7	.0	.0
Medford	1,329	29	58	28.57	29.94	------	74.0	------	103	26	92	47	4	56	46	57	45	43	.02	−.2	1	5,010	nw.	42	se.	27	23	7	1	1.8	.0	.0
Portland, Oreg.	153	68	106	29.88	30.04	+.03	69.5	+2.8	95	22	80	53	4	58	34	61	55	64	.33	−.3	3	4,654	nw.	15	nw.	21	15	10	6	4.3	.0	.0
Roseburg	510	45	76	29.48	30.02	+.02	70.0	+2.0	101	22	86	46	4	54	45	58	49	56	.09	−.2	1	3,897	n.	16	ne.	19	18	10	3	2.6	.0	.0
Middle Pacific Coast Region							68.9	+2.0										64	T	−0.1										3.6		
Eureka	62	73	89	29.90	30.06	+.06	57.0	+1.0	71	5	61	49	21	53	18	55	53	89	.01	−.2	1	4,680	n.	21	n.	6	4	9	18	7.3	.0	.0
Red Bluff	330	5	58	29.53	29.87	+.01	82.3	+2.6	108	18	99	59	10	66	40	62	47	34	T	.0	0	3,994	s.	15	nw.	18	28	0	3	1.1	.0	.0
Sacramento	66	92	115	29.82	29.89	+.04	75.4	+2.5	105	18	93	51	10	58	44	61	51	52	T	.0	0	6,090	s.	18	s.	25	29	2	0	.5	.0	.0
San Francisco	155	208	243	29.80	29.97	+.05	60.9	+1.8	88	18	67	51	10	54	30	56	53	82	T	.0	0	5,822	sw.	28	w.	2	6	14	11	5.5	.0	.0
South Pacific Coast Region							73.7	+0.2										64	0.01	0.0										3.3		
Fresno	327	97	105	29.53	29.87	+.05	81.0	+.3	106	18	98	58	15	64	39	61	45	35	.00	.0	0	5,110	nw.	16	nw.	8	25	5	1	1.5	.0	.0
Los Angeles	338	159	191	29.58	29.94	+.06	71.1	.0	88	18	80	59	31	62	24	63	60	75	.01	.0	1	3,987	sw.	13	sw.	6	16	14	1	3.4	.0	.0
San Diego	87	62	70	29.84	29.93	+.04	69.0	+.3	79	19	73	62	29	65	15	64	62	82	.02	.0	1	5,064	w.	15	w.	12	12	13	6	4.9	.0	.0
West Indies																																
San Juan, P. R.	82	9	54	29.93	30.02	------	80.2	−.3	90	28	85	72	25	76	14	------	------	------	6.72	+.7	22	9,214	e.	29	e.	24	2	23	6	5.6	.0	.0
Panama Canal																																
Balboa Heights	118	6	97	------	[1] 29.85	+.02	80.6	−.6	9[illegible]	18	87	72	26	74	16	76	75	[1] 86	4.52	−3.3	18	4,159	nw.	22	nw.	10	0	16	15	7.5	.0	.0
Cristobal	36	6	97	------	[1] 29.86	+.02	81.8	+1.6	[illegible]	[illegible]7	87	73	1	77	16	76	76	[1] 84	13.86	−1.4	25	5,527	n.	24	nw.	9	0	9	22	8.6	.0	.0
Alaska																																
Fairbanks	454	11	87	[2] 29.46	[2] 29.97	------	55.5	------	7	5	65	36	22	46	35	49	44	68	3.35	------	17	4,336	s.	23	n.	3	2	3	26	8.6	.0	.0
Juneau	80	96	116	[2] 30.03	[2] 30.12	------	55.9	------	0	6	61	44	30	51	22	53	51	84	7.77	------	24	3,628	s.	29	se.	1	0	5	26	9.0	.0	.0
Hawaiian Islands																																
Honolulu	38	86	100	[2] 29.97	[2] 30.01	------	79.6	------	87	28	84	72	25	75	13	72	69	73	.94	−.3	8	6,289	e.	24	ne.	3	9	15	7	5.0	.0	.0

[1] Observations taken bihourly.
[2] Pressure not reduced to mean of 24 hours.

TABLE 2.—*Data furnished by the Canadian Meteorological Service, August 1934*

Stations	Altitude above mean sea level, Jan. 1, 1919	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: Mean maximum	Temperature of the air: Mean minimum	Temperature of the air: Highest	Temperature of the air: Lowest	Precipitation: Total	Precipitation: Departure from normal	Precipitation: Total snowfall
	Feet	*In.*	*In.*	*In.*	°*F.*	°*F.*	°*F.*	°*F.*	°*F.*	°*F.*	*In.*	*In.*	*In.*
Cape Race, Newfoundland	99				56.2		63.0	49.3	68	40	5.99		0.0
Sydney, Cape Breton Island	48	29.92	29.97	+0.02	65.6	+2.3	75.6	55.7	83	48	1.44	−2.18	.0
Halifax, Nova Scotia	88	29.76	29.86	−.10	63.9	+.3	71.3	56.5	78	49	1.65	−2.70	.0
Yarmouth, Nova Scotia	65	29.90	29.97	.00	60.6	+.4	69.0	52.1	76	44	.99	−2.63	.0
Charlottetown, Prince Edward Island	38	29.80	29.84	−.10	65.1	+.8	72.2	58.0	79	51	4.55	+.81	.0
Chatham, New Brunswick	28	29.83	29.86	−.07	61.3	−1.9	71.6	50.9	85	38	4.31	+.27	.0
Father Point, Quebec	20	29.87	29.89	−.02	55.9	+.3	63.9	48.0	80	39	2.14	−.91	.0
Quebec, Quebec	296	29.66	29.98	+.05	62.2	−.9	70.4	53.9	82	44	4.73	+.90	.0
Doucet, Quebec	1,236				53.4		66.1	40.7	83	26	4.57		.0
Montreal, Quebec	187												
Ottawa, Ontario	236	29.74	30.00	+.04	64.9	+.1	76.2	53.6	90	42	1.22	−1.81	.0
Kingston, Ontario	285	29.70	30.00	+.02	65.3	−1.7	73.6	57.0	85	44	1.26	−1.12	.0
Toronto, Ontario	379	29.62	30.01	+.02	65.5	−.5	75.5	55.5	89	45	1.01	−1.75	.0
Cochrane, Ontario	930				56.1		66.4	45.9	85	34	2.39		.0
White River, Ontario	1,244	28.67	29.97	+.01	54.1	−2.3	69.3	38.9	86	24	2.01	−1.29	.0
London, Ontario	808				63.9		75.7	52.2	89	34	2.95		.0
Southampton, Ontario	656												
Parry Sound, Ontario	688	29.32	30.00	+.02	62.8	−.7	72.7	52.8	89	38	2.00	−.72	.0
Port Arthur, Ontario	644	29.26	29.97	+.01	59.1	−.4	68.4	49.8	87	36	2.72	−.03	.0
Winnipeg, Manitoba	760	29.13	29.95	+.01	62.4	−1.0	73.7	51.0	92	34	3.28	+.61	.0
Minnedosa, Manitoba	1,690	28.17	29.96	+.02	60.2	+.8	73.7	46.6	92	32	1.55	−.55	.0
Le Pas, Manitoba	860				58.0		67.9	48.2	82	35	1.80		.0
Qu'Appelle, Saskatchewan	2,115	27.72	29.94	+.01	60.9	−.6	76.2	45.6	95	27	1.26	−.38	.0
Moose Jaw, Saskatchewan	1,759				63.7		78.9	48.5	98	30	1.11		.0
Swift Current, Saskatchewan	2,392	27.45	29.94	+.01	63.6	−.4	80.1	47.1	99	29	.47	−1.44	.0
Medicine Hat, Alberta	2,365	27.48	29.92	.00	66.9	+1.2	81.2	52.6	99	36	.87	−.80	.0
Calgary, Alberta	3,540	26.36	29.98	+.07	60.6	+1.2	74.7	46.5	90	37	1.38	−.76	.0
Banff, Alberta	4,521	25.52	30.03	+.12	58.1	+1.8	75.1	41.1	85	32	.35	−2.18	.0
Prince Albert, Saskatchewan	1,450	28.45	30.01	+.09	59.8	+.9	71.7	47.9	90	30	.76	−1.39	.0
Battleford, Saskatchewan	1,592	28.27	29.99	+.08	60.6	−2.0	74.7	46.4	94	29	7.05	+4.69	T
Edmonton, Alberta	2,150	27.74	29.99	+.07	58.4	−.4	71.3	45.5	88	28	1.72	−.41	.0
Kamloops, British Columbia	1,262	28.75	30.02	+.11	68.7	+.1	84.4	53.1	99	46	.27	−.82	.0
Victoria, British Columbia	230	29.81	30.06	+.05	60.5	+1.8	67.9	53.1	81	50	.65	+.05	.0
Barkerville, British Columbia	4,180												
Estevan Point, British Columbia	20				58.6		64.2	53.0	74	49	6.20		.0
Prince Rupert, British Columbia	170				57.5		64.5	50.4	71	44	2.89		.0
St. Georges, Bermuda	151	30.00	30.16	+.06	80.3	+.7	85.8	74.9	88	70	8.74	+2.66	.0

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Cape Race, Newfoundland	99												
Sydney, Cape Breton Island	48												
Halifax, Nova Scotia	88												
Yarmouth, Nova Scotia	65												
Charlottetown, Prince Edward Island	38												
Chatham, New Brunswick	28												
Father Point, Quebec	20												
Quebec, Quebec	296												
Doucet, Quebec	1,236												
Montreal, Quebec	187												
Ottawa, Ontario	236												
Kingston, Ontario	285												
Toronto, Ontario	379												
Cochrane, Ontario	930												
White River, Ontario	1,244												
London, Ontario	808												
Southampton, Ontario	656												
Parry Sound, Ontario	688												
Port Arthur, Ontario	644												
Winnipeg, Manitoba	760	29.11	29.92	−.01	66.0	.0	78.9	53.2	92	40	1.77	−1.31	.0
Minnedosa, Manitoba	1,690												
Le Pas, Manitoba	860												
Qu'Appelle, Saskatchewan	2,115												
Moose Jaw, Saskatchewan	1,759												
Swift Current, Saskatchewan	2,392												
Medicine Hat, Alberta	2,365												
Calgary, Alberta	3,540	26.28	29.89	−.01	61.3	+.7	75.3	47.3	94	36	2.22	−.46	.0
Banff, Alberta	4,521												
Prince Albert, Saskatchewan	1,450	28.37	29.92	+.01	63.6	+1.7	74.9	52.3	91	39	1.38	−.67	.0
Battleford, Saskatchewan	1,592												
Edmonton, Alberta	2,150	27.64	29.88	−.02	59.8	−.8	71.2	48.4	90	38	2.97	−.06	.0
Kamloops, British Columbia	1,262	28.67	29.93	−.01	69.3	+.8	83.8	54.8	104	42	.94	−.67	.0
Victoria, British Columbia	230												
Barkerville, British Columbia	4,180												
Estevan Point, British Columbia	20				56.4		62.1	50.6	71	45	5.84		.0
Prince Rupert, British Columbia	170				55.3		60.9	49.6	86	42	4.11		.0
St. Georges, Bermuda	151	30.00	30.16	+.02	78.9	+.2	84.6	73.3	91	70	9.03	+4.59	.0