Monthly and annual mean sea-surface temperatures in the northwestern Gulf of Mexico, 1912–33, inclusive

Year	Total number of observations for the year	January	February	March	April	May	June	July	August	September	October	November	December	Annual [1]
1912	326	67.2	64.0	67.2	70.4	75.8	78.8	82.5	84.3	83.2	80.2	74.0	69.3	74.7
1913	267	69.6	68.0	67.3	71.3	75.2	79.2	81.8	82.6	82.1	78.9	73.4	71.3	75.1
1914	225	67.9	67.1	66.8	71.2	76.3	81.1	83.8	84.6	82.3	77.9	74.0	70.0	75.2
1915	162	65.1	65.6	62.2	65.7	75.1	80.0	83.0	83.1	82.1	78.6	75.9	70.5	73.9
1916	155	70.0	68.1	68.3	72.2	77.0	81.1	83.7	83.0	82.3	79.2	74.5	72.2	76.0
1917	102	70	72	69	70	73	80	83	83	81	79	69	71	75.1
1918	27	67	70	70	71	75	80	(2)	82	82	(2)	75	70	[3] 75.5
1919	69	63	62	67	73	76	80	83	84	82	81	76	74	75.1
1920	116	69.4	64.2	66.0	71.0	79.0	81.7	82.3	83.5	83.8	78.4	71.9	67.8	74.9
1921	293	68.2	66.1	72.1	72.9	75.8	81.3	82.0	83.4	82.8	80.6	76.9	72.0	76.2
1922	427	72.7	71.2	70.1	73.7	78.2	81.6	83.1	83.7	82.5	79.0	76.0	72.5	77.0
1923	482	68.6	66.5	68.3	71.6	75.2	80.4	81.6	82.6	82.5	80.5	73.8	70.2	75.2
1924	641	67.9	65.7	65.1	69.2	74.0	83.0	84.1	85.4	83.8	77.9	74.3	70.5	75.1
1925	675	70.2	68.6	71.5	73.7	76.8	80.6	83.4	84.4	83.5	81.4	75.7	69.6	76.6
1926	759	65.6	65.7	67.7	69.7	75.3	81.6	83.7	83.6	82.9	81.1	73.6	71.8	75.2
1927	965	68.8	71.5	70.3	74.4	76.9	81.4	84.2	84.7	83.7	79.4	76.8	72.3	77.0

Monthly and annual mean sea-surface temperatures in the northwestern Gulf of Mexico, 1912–33, inclusive—Continued

Year	Total number of observations for the year	January	February	March	April	May	June	July	August	September	October	November	December	Annual [1]
1928	886	68.5	66.9	69.6	70.4	75.3	80.3	83.3	85.3	82.7	80.6	76.0	71.1	75.8
1929	751	69.1	67.6	69.5	73.9	77.0	80.0	81.7	83.5	82.0	78.5	74.0	68.2	75.4
1930	642	66.9	66.6	66.7	70.2	75.7	79.1	83.2	83.9	81.7	79.4	74.3	69.6	74.8
1931	696	65.7	66.2	65.2	67.4	72.7	79.4	83.6	83.2	83.3	80.5	76.2	74.1	74.8
1932	684	71.4	72.2	69.6	71.9	75.1	80.4	84.4	83.8	82.4	77.8	72.4	68.6	75.8
1933	784	68.0	67.9	68.6	71.6	77.9	80.9	82.7	83.2	83.3	80.3	75.9	73.0	76.1
Number of years' record	------	22	22	22	22	22	22	21	22	22	21	22	22	22
Mean (1912–33)	------	68.2	67.4	68.1	71.2	75.8	80.5	83.1	83.7	82.6	79.6	74.6	70.9	[3] 75.5

[1] All monthly values were carried to 1 decimal place for these means, which, therefore, are not exact means of figures given here.
[2] No data.
[3] Interpolated values are used for missing months.

DUST STORMS, APRIL 1935

In some parts of the country, April 1935 was dustier than March. The region that had been popularly named the "dust bowl" had several more instances of dust than occurred the previous month. As will be seen from the chart, the number of days with dust storms or dusty conditions during April averaged well over 20 in northwestern Texas and adjacent sections. One station, Amarillo, Tex., reported dusty conditions on 28 days of the month.

An interesting feature of the distribution of the dusty conditions this month was the unusual amount reported from the extreme Southeast, particularly northwestern and western Florida. As may be deduced from the spread of the dust southeastward, there were more drifts of air in that direction.

The plate gives an excellent view of a dust storm that occurred at Spearman, Tex., on April 14, 1935. The photograph was submitted by the official in charge, Houston, Tex., and was taken by F. W. Brandt, cooperative observer at Spearman, Tex.

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, April 1935

[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	64.9	+1.3	Brewton	92	25	Valleyhead	30	10	5.50	+1.22	Eufaula	10.12	Camp Hill	2.73
Arizona	59.3	−1.6	Mohawk	100	14	Bright Angel R. S.	12	10	.43	−.10	Junipine	2.43	19 stations	.00
Arkansas	60.2	−1.3	Hope	90	25	4 stations	29	[1] 8	4.37	−.52	Danville	8.56	Cotter	1.47
California	54.5	−1.7	2 stations	100	[1] 20	Twin Lakes	1	9	4.70	+3.05	Scales	18.31	3 stations	.00
Colorado	43.7	+.1	Holly	88	14	Hermit (near)	−4	10	2.05	+.26	Shoshone	5.34	5 stations	T
Florida	71.7	+1.8	2 stations	96	20	Garniers	35	14	4.17	+1.31	Okeechobee	11.63	Pinellas Park	1.04
Georgia	64.8	+1.2	do	94	[1] 2	Blairsville	26	17	4.58	+.97	Flat Top	8.72	Brooklet	1.57
Idaho	43.4	−1.6	Indian Cove	80	20	Obsidian	−2	1	2.30	+.93	Council	4.53	Porthill	.06
Illinois	49.7	−2.5	McLeansboro	89	26	2 stations	22	15	2.62	−.77	Brookport	6.38	Paris	1.43
Indiana	49.6	−2.2	4 stations	90	26	Angola	19	16	2.44	−1.05	Huntingburg	3.75	Decatur	1.05
Iowa	46.7	−2.0	2 stations	86	22	West Bend	15	15	1.92	−.81	Hawarden	5.38	2 stations	.60
Kansas	52.3	−2.4	do	90	14	3 stations	20	7	1.13	−1.46	Walnut	4.46	5 stations	.00
Kentucky	55.3	−.8	Bardstown	92	26	do	24	[1] 16	4.42	+.46	Glasgow	7.14	Cold Spring	2.62
Louisiana	67.9	+.8	Melville	94	25	2 stations	35	14	6.00	+1.35	Franklinton	10.54	Atchafalaya	1.99
Maryland-Delaware	50.0	−2.4	3 stations	92	27	Oakland, Md.	14	16	3.76	+.19	Crisfield, Md.	6.25	Cumberland, Md.	2.03
Michigan	41.8	−.8	Midland	86	27	Sidnaw	0	3	1.33	−1.24	Hillsdale	3.48	East Jordan	.36
Minnesota	40.0	−3.2	Winona	78	26	Pokegama Falls	−7	3	2.38	+.32	Pipestone	4.23	Redby	.57
Mississippi	64.5	−.1	3 stations	91	[1] 25	2 stations	34	14	6.22	+1.37	Stoneville	10.02	Vicksburg	2.97
Missouri	52.3	−2.9	Lebanon	90	23	Tarkio	23	1	2.89	−.98	Poplar Bluff	6.11	Willow Springs	1.00
Montana	37.4	−5.5	Garland	85	21	Summit	−30	2	1.12	−.03	2 stations	3.69	Malta	T
Nebraska	45.7	−3.5	Culbertson	87	21	Hay Springs	8	2	3.33	+.88	Hay Springs	6.48	Superior	.49
Nevada	48.5	+.7	Logandale	94	[1] 14	San Jacinto	12	24	1.88	+1.10	Marlette Lake	7.35	Boulder City	.15
New England	43.0	−.7	Springfield, Mass.	91	28	Pittsburg, N. H.	−7	[1] 4	3.18	−.14	Pembroke, Mass.	7.65	Egremont, Mass.	1.32
New Jersey	48.7	−1.0	Runyon	91	28	2 stations	22	[1] 4	2.27	−1.34	Lakewood	4.30	Culvers Lake	1.15
New Mexico	51.9	+.3	Nara Visa (near)	98	15	Therma (near)	0	19	.56	−.33	Dulce	3.39	16 stations	.00
New York	43.1	−1.1	Port Jervis	91	27	Stillwater Reservoir	6	6	2.74	−.23	South Edwards	5.95	Buffalo	.88
North Carolina	57.1	−.8	2 stations	91	[1] 25	Mount Mitchell	12	16	4.13	+.61	Parker	7.51	Southport	1.66
North Dakota	38.4	−3.2	Towner	83	22	2 stations	0	[1] 1	1.94	+.55	Fullerton	4.77	Eckman	.35
Ohio	47.4	−2.4	Portsmouth	89	26	Bangorville	15	16	1.95	−1.17	Dam No. 28	5.01	Wooster (2)	.91
Oklahoma	58.6	−1.7	2 stations	95	14	Boise City	21	12	2.28	−1.12	Smithville	7.34	2 stations	.00
Oregon	45.8	−1.3	do	88	27	Meacham	−4	2	2.90	+.92	Wicopee	8.14	do	.41
Pennsylvania	47.1	−1.6	Carlisle	91	27	2 stations	12	16	2.56	−.88	Lancaster	4.68	Center Hall	1.13
South Carolina	62.4	+.1	3 stations	91	[1] 20	Long Creek	27	17	3.60	+.56	Long Creek	6.86	Charleston	1.12
South Dakota	41.4	−4.6	Menno	89	22	Camp Crook	−4	1	3.57	+1.41	Gannvalley	7.37	Strool (near)	.75
Tennessee	58.2	−.5	Clarksville	92	26	Elkmont	22	17	4.82	+.39	Parksville	8.28	Halls	2.74
Texas	67.1	+.9	Mission	105	6	Spearman	26	12	2.57	−.59	Flatonia	10.98	8 stations	.00
Utah	47.0	.0	St. George	87	[1] 14	Woodruff	11	11	2.05	+.86	High Line City Creek.	5.91	Monticello	.31
Virginia	52.0	−2.5	Tappahannock	92	27	2 stations	12	16	4.26	+.96	Diamond Springs	6.30	Berryville	2.33
Washington	45.9	−2.1	Wind River	84	27	Bumping Lake	−3	[1] 1	1.45	−1.00	Spirit Lake	6.80	Ellensburg	.00
West Virginia	49.8	−2.0	Martinsburg	92	27	2 stations	13	16	3.45	−.06	Davis	10.62	New Cumberland	1.54
Wisconsin	41.8	−1.9	2 stations	84	26	Long Lake	4	3	2.43	−.11	Stevens Point	5.10	Solon Springs	.83
Wyoming	37.6	−2.5	Yoder	82	21	Gallatin	−17	1	1.93	+.34	Dome Lake	5.44	Powell	.32
Alaska [March]	16.3	+2.1	Haines	54	18	2 stations	−47	[1] 22	1.93	+.04	View Cove	8.64	Barrow	.09
Hawaii	69.6	−.6	Kaanapali	90	30	Kanalohuluhulu	42	[1] 5	7.32	−1.60	Puhonua	55.20	9 stations	.00
Puerto Rico	74.6	−.4	Juana Diaz	95	27	Guineo Reservoir	43	6	2.39	−2.30	Maricao	7.77	Mona Island	.00

[1] Other dates also.

TABLE I.—*Climatological data for Weather Bureau stations, April 1935*

[Compiled by Annie E. Small, by official authority, U. S. Weather Bureau]

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							44.0	+0.1										71	2.97	0.0										6.4		
Eastport	76	67	85	29.78	29.87	−0.06	38.7	−0.3	66	28	45	20	5	32	29	35	31	77	1.87	−1.0	11	7,962	nw.	48	e.	13	9	8	13	5.9	1.0	0.0
Greenville, Maine	1,070	6	40	28.70	29.89	------	37.4	------	74	27	47	11	5	28	34	----	----	----	5.37	------	13	4,806	nw.	31	------	28	9	9	12	----	12.0	----
Portland, Maine	103	82	117	29.76	29.89	−.07	43.4	+.4	75	27	50	27	7	37	25	38	36	64	2.15	−1.2	12	6,830	n.	37	ne.	9	14	5	11	4.8	.8	.0
Concord	289	60	----	------	------	------	45.4	+2.0	85	27	53	24	4	38	36	----	----	----	3.01	+.3	10	------	nw.	----	------	----	11	7	12	----	7.7	----
Burlington	403	11	48	29.45	29.90	−.09	41.4	−1.9	80	27	50	20	7	33	32	----	----	----	3.31	+1.2	16	5,930	n.	27	se.	11	4	8	18	7.2	8.1	.0
Northfield	876	12	60	28.94	29.90	−.09	39.4	−.9	81	27	49	16	6	29	37	36	30	71	2.83	+.6	15	5,284	n.	27	n.	24	3	11	16	7.4	4.9	.0
Boston	124	336	360	29.73	29.87	−.10	45.2	−1.2	84	27	52	28	7	38	27	39	32	65	4.77	+1.4	11	11,077	w.	52	ne.	9	4	10	16	7.1	1.9	.0
Nantucket	12	14	90	29.83	29.84	−.13	43.8	+.4	60	28	49	32	7	38	19	40	37	82	3.83	+.9	14	11,284	sw.	49	ne.	9	8	9	13	6.1	1.8	.0
Block Island	26	11	46	29.82	29.85	−.13	44.2	+.2	69	28	50	31	7	39	21	41	38	81	3.03	−.5	16	12,422	w.	47	ne.	10	7	10	13	6.5	.4	.0
Providence	160	215	251	29.69	29.87	−.11	46.8	+.2	82	27	55	29	7	39	28	40	32	62	3.37	+.2	13	8,996	nw.	38	nw.	2	8	10	12	6.1	.7	.0
Hartford	159	70	104	------	29.87	−.12	47.7	+1.0	86	27	56	29	4	40	31	----	----	----	2.05	−1.3	11	7,137	nw.	----	------	----	8	7	15	----	1.2	.0
New Haven	106	74	153	29.77	29.89	−.10	48.2	+1.0	84	27	56	32	17	40	32	41	34	62	2.42	−1.1	12	7,808	n.	35	ne.	10	5	13	12	6.5	1.9	.0
Middle Atlantic States							50.3	−1.2										68	3.35	+0.3										6.8		
Albany	97	107	115	29.80	29.90	−.10	46.4	−.4	86	27	55	28	7	38	35	42	37	73	2.48	.0	15	5,769	w.	26	n.	9	5	11	14	6.9	T	.0
Binghamton	871	60	68	28.98	29.93	−.09	43.1	−2.3	86	27	52	26	16	34	46	----	----	----	3.23	+.8	16	4,852	nw.	22	nw.	30	4	3	23	7.9	5.7	.0
New York	314	415	451	29.54	29.88	−.12	49.5	+.1	81	27	57	30	16	42	28	43	37	68	1.61	−1.6	12	10,899	nw.	49	nw.	15	6	11	13	6.8	T	.0
Bellefonte	1,050	5	42	28.80	29.92	------	44.6	------	84	27	56	20	16	33	49	39	34	72	1.72	------	10	------	w.	----	------	----	3	9	18	7.4	7.6	.0
Harrisburg	374	94	104	29.51	29.91	−.11	49.8	−1.1	86	27	58	27	16	41	36	42	35	62	2.69	.0	10	6,102	ne.	29	nw.	30	5	12	13	6.5	1.4	.0
Philadelphia	114	168	367	29.74	29.91	−.10	51.6	−.5	83	27	59	32	16	44	32	43	35	60	2.12	−.9	9	10,270	n.	43	e.	8	4	10	16	6.8	T	.0
Reading	323	283	306	29.56	29.91	------	50.4	+.1	86	27	58	27	16	42	30	43	34	58	2.44	−.8	10	9,112	nw.	43	nw.	30	6	12	12	6.5	T	.0
Scranton	805	72	104	29.04	29.92	−.09	46.0	−2.1	86	27	55	27	16	37	44	39	32	63	3.50	+.7	13	5,336	nw.	33	nw.	30	4	11	15	6.8	3.6	.0
Atlantic City	52	37	172	29.83	29.89	−.11	48.4	+.6	82	28	54	31	16	42	28	44	40	77	2.93	−.1	12	13,398	ne.	56	ne.	8	3	11	16	7.2	T	.0
Sandy Hook	22	10	57	29.86	29.88	------	48.2	------	79	27	55	32	16	42	27	43	38	72	1.85	−1.8	13	11,670	ne.	48	ne.	8	7	13	10	6.0	T	.0
Trenton	190	88	106	29.69	29.90	------	49.6	−.2	82	27	58	30	5	41	34	43	36	66	1.46	−1.5	12	8,015	nw.	30	ne.	8	4	11	15	6.8	T	.0
Baltimore	123	100	215	29.78	29.91	−.10	52.6	−1.0	91	27	60	32	16	45	37	45	37	60	5.12	+1.8	10	8,390	ne.	38	nw.	15	7	9	14	6.5	1.0	.0
Washington	112	62	85	29.79	29.91	−.11	51.9	−1.4	89	27	61	30	16	43	37	44	37	62	3.95	+.7	13	6,014	nw.	32	nw.	15	10	7	13	6.2	T	.0
Cape Henry	18	8	54	29.87	29.89	------	53.2	−1.4	88	27	60	38	16	47	37	48	45	80	5.64	+2.3	16	9,726	nw.	38	n.	15	6	9	15	6.7	T	.0
Lynchburg	686	5	----	29.19	29.94	−.08	54.3	−3.0	88	27	65	32	16	43	41	----	----	----	4.78	+1.8	15	------	ne.	----	------	----	3	15	12	----	T	.0
Norfolk	91	80	125	29.81	29.91	−.10	54.7	−2.1	87	27	62	37	16	47	37	49	45	75	5.22	+2.0	15	7,784	ne.	34	n.	15	6	7	17	7.2	T	.0
Richmond	144	11	52	29.77	29.92	−.10	53.7	−2.9	87	27	63	30	16	44	40	47	41	70	4.40	+.9	15	6,573	ne.	26	w.	15	7	8	15	6.5	.2	.0
Wytheville	2,304	49	55	------	29.90	−.13	50.0	−2.0	79	26	59	24	16	41	39	----	----	74	3.60	+.6	15	5,331	w.	37	w.	15	8	7	15	----	1.1	.0
South Atlantic States							62.1	+0.3										74	2.85	−0.2										5.6		
Asheville	2,253	89	104	27.58	29.93	−.10	54.7	+.8	82	26	65	30	17	45	34	48	45	77	3.68	+.7	12	6,440	nw.	30	nw.	16	8	10	12	6.2	T	.0
Charlotte	779	63	86	29.09	29.92	−.11	59.2	−.6	84	2	68	36	8	50	29	52	47	70	4.02	+.7	12	5,255	ne.	30	sw.	15	8	10	12	6.1	.0	.0
Greensboro	886	6	56	28.98	29.94	------	55.0	------	83	27	65	32	17	45	33	48	44	74	3.98	------	11	6,405	ne.	30	sw.	15	9	6	15	6.6	.0	.0
Hatteras	11	5	50	------	29.88	−.13	57.8	−2.0	76	30	64	44	11	52	21	----	----	84	2.56	−1.0	11	9,720	n.	41	n.	15	10	10	10	----	.0	.0
Raleigh	376	103	146	29.50	29.91	−.12	57.0	−2.4	86	27	66	36	8	48	33	52	48	77	2.95	−.5	15	6,328	ne.	32	nw.	15	8	9	13	6.0	.0	.0
Wilmington	72	73	107	29.84	29.91	−.12	61.6	−.4	83	19	71	38	17	52	30	55	52	76	1.89	−.8	9	7,022	nw.	32	sw.	15	12	10	8	5.2	.0	.0
Charleston	48	11	92	29.88	29.92	−.11	66.4	+1.9	88	20	74	46	9	59	23	59	55	74	1.12	−1.4	7	7,555	sw.	24	s.	15	9	10	11	5.6	.0	.0
Columbia, S. C.	351	41	57	29.54	29.92	−.11	63.3	.0	87	26	73	39	17	54	32	56	51	70	2.30	−.6	11	5,072	w.	32	sw.	15	9	8	13	5.5	.0	.0
Greenville, S. C.	1,039	139	----	------	------	------	60.0	+1.4	85	20	69	36	8	51	33	----	----	----	4.61	+.9	14	------	ne.	----	------	----	12	4	14	----	.0	.0
Augusta	182	62	77	29.72	29.91	−.12	64.6	+.4	88	2	74	42	9	55	32	56	51	67	2.31	−.8	11	4,533	nw.	23	w.	15	8	8	14	6.2	.0	.0
Savannah	65	73	152	29.86	29.93	−.10	68.2	+2.2	88	19	78	44	9	59	30	60	56	75	3.29	+.7	8	8,024	w.	28	sw.	15	12	9	9	4.8	.0	.0
Jacksonville	43	86	110	29.90	29.96	−.08	70.4	+1.7	89	2	80	46	14	61	28	62	58	72	2.66	+.3	7	6,194	sw.	27	w.	3	10	16	4	4.2	.0	.0
Florida Peninsula							75.5	+2.4										74	3.30	+1.2										3.8		
Key West	22	10	64	29.94	29.96	−.06	78.4	+2.7	88	7	84	65	15	72	18	71	68	74	1.64	+.4	7	6,332	se.	24	n.	13	14	14	2	3.7	.0	.0
Miami	25	124	168	29.96	29.99	−.04	75.2	+2.4	91	30	83	53	14	68	24	68	65	73	6.23	+3.1	6	7,259	se.	29	s.	22	14	11	5	4.1	.0	.0
Tampa	35	88	197	29.93	29.97	−.09	73.0	+2.1	89	20	82	52	15	64	28	64	61	74	2.03	.0	6	7,688	w.	41	nw.	7	18	9	3	3.5	.0	.0
Titusville	43	5	36	29.91	29.96	------	71.1	------	93	20	83	44	14	59	37	----	----	----	3.54	------	10	------	w.	----	------	----	12	12	6	----	.0	.0
East Gulf States							65.6	+0.8										75	4.82	+0.6										5.8		
Atlanta	1,173	128	135	28.90	29.92	−.11	61.2	+.2	85	26	71	39	14	52	32	54	50	76	4.27	+.7	16	6,120	nw.	27	nw.	15	5	7	18	7.1	.0	.0
Macon	370	79	87	29.54	29.93	−.10	64.8	+.9	88	2	75	41	17	55	32	57	52	68	3.17	.0	12	4,920	nw.	21	sw.	7	9	10	11	5.5	.0	.0
Thomasville	273	49	58	29.68	29.97	−.06	67.3	+.6	88	2	78	40	9	57	29	61	58	77	4.31	+1.0	7	------	sw.	----	------	----	7	8	15	----	.0	.0
Apalachicola	35	11	----	29.92	29.96	------	68.6	------	84	1	75	45	14	62	18	63	----	----	4.85	+2.0	8	------	s.	----	------	----	12	11	7	----	.0	.0
Pensacola	56	149	185	29.90	29.96	−.06	67.4	+.7	81	11	73	47	9	62	17	62	60	80	5.48	+1.4	10	8,319	s.	48	sw.	2	15	11	4	4.1	.0	.0
Anniston	741	9	----	------	------	------	63.6	+3.2	87	26	75	35	14	53	33	----	----	----	4.40	.0	11	------	nw.	----	------	----	10	5	15	----	.0	.0
Birmingham	700	11	48	29.17	29.93	−.09	63.2	−.1	85	25	73	38	14	54	31	56	52	73	4.78	.0	14	4,902	sw.	30	nw.	5	8	8	14	6.0	.0	.0
Mobile	57	125	161	29.88	29.94	−.08	67.6	+1.3	83	11	75	46	14	60	23	61	58	79	5.59	+1.0	10	6,507	s.	37	s.	6	13	8	9	5.1	.0	.0
Montgomery	218	92	105	29.70	29.95	−.08	66.0	+.7	86	26	75	41	14	57	27	58	53	71	3.85	−.4	9	5,224	sw.	21	sw.	27	9	6	15	6.1	.0	.0
Meridian	375	67	92	29.54	29.94	−.08	64.9	+.9	87	25	75	38	14	55	34	57	53	74	5.86	+1.1	10	4,393	sw.	24	sw.	11	9	8	13	5.5	.0	.0
Vicksburg	247	65	73	29.68	29.94	−.06	64.9	−.7	83	24	73	46	13	57	28	58	54	74	2.97	−2.2	8	5,467	nw.	25	nw.	29	9	5	16	6.1	.0	.0
New Orleans	53	76	84	29.89	29.94	−.06	70.3	+1.5	85	25	78	52	8	63	20	63	60	76	8.35	+3.1	11	4,970	se.	18	nw.	6	6	11	13	6.4	.0	.0
West Gulf States							66.7	+0.3										72	3.21	−0.6										6.1		
Shreveport	249	92	227	29.66	29.93	−.04	65.9	+.1	86	1	75	44	8	57	29	59	54	71	5.16	+.5	10	8,188	se.	44	w.	5	9	9	12	6.0	.0	.0
Bentonville	1,303	11	44	28.54	29.90	−.06	55.1	−1.8	79	24	64	31	8	46	31	----	----	----	2.87	−2.0	12	5,366	ne.	20	nw.	11	3	8	19	----	T	.0
Fort Smith	457	79	94	29.43	29.91	−.05	59.8	−2.0	82	24	69	39	13	51	31	52	47	68	3.27	−.7	6	6,437	e.	28	w.	11	3	11	16	7.1	.0	.0
Little Rock	357	94	102	29.56	29.94	−.04	60.2	−1.9	82	28	68	41	8	52	29	53	47	68	3.47	−1.7	11	6,256	se.	35	nw.	6	7	5	18	6.9	.0	.0
Austin	605	136	148	29.26	29.89	------	69.2	+1.4	91	6	79	41	13	60	36	60	53	66	1.79	−2.6	8	6,672	se.	26	n.	12	7	8	15	6.8	.0	.0
Brownsville	57	88	96	29.78	29.84	------	75.5	+1.8	92	29	83	54	13	68	28	69	67	83	2.04	+.6	9	8,774	se.	38	se.	1	3	18	9	6.1	.0	.0
Corpus Christi	20	11	78	29.85	29.87	−.08	73.3	+2.5	87	6	78	54	13	68	18	68	65	79	1.16	−.6	4	9,004	se.	30	n.	3	7	11	12	6.2	.0	.0
Dallas	512	220	227	29.35	29.89	------	63.4	------	91	1	73	43	7	54	39	56	50	67	1.91	−2.4	8	9,471	se.	35	ne.	19	6	6	18	7.0	.0	.0
Fort Worth	679	92	110	29.20	29.91	−.03	64.6	−.4	92	1	75	39	13	54	40	----	----	----	3.06	−1.0	7	8,224	n.	32	n.	11	14	7	9	4.1	.0	.0
Galveston	54	106	114	29.86	29.92	−.05	70.2	+1.5	82	29	75	54	8	66	17	65	62	80	4.17	+1.1	8	8,681	se.	27	n.	7	9	14	7	5.0	.0	.0
Houston	138	292	314	29.77	29.92	------	70.0	+.7	86	1	78	49	8	62	26	----	----	----	3.63	.0	10	9,085	se.	41	se.	29	5	12	13	6.5	.0	.0
Palestine	510	64	72	29.39	29.92	−.04	66.0	.0	87	5	75	42	8	57	30	59	55	73	5.63	+1.2	9	5,978	s.	23	n.	6	6	10	14	6.1	.0	.0
Port Arthur	34	58	66	------	------	------	------	------	----	----	----	----	----	----	----	----	----	----	------	------	----	------	----	----	------	----	----	----	----	----	----	----
San Antonio	693	242	301	29.15	29.86	−.07	70.4	+1.3	91	6	80	48	13	61	30	62	57	70	3.52	+.3	10	8,849	e.	44	nw.	29	3	15	12	6.5	.0	.0

Footnotes at end of table.

TABLE I.—*Climatological data for Weather Bureau stations, April 1935*—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							**53.3**	**−1.5**										**69**	**3.01**	**−0.7**										**6.8**		
Chattanooga	762	71	214	29.12	29.92	−0.11	61.8	+1.5	87	26	71	40	16	52	31	54	49	67	5.84	+1.0	13	5,657	w.	32	w.	15	9	8	13	5.9	0.0	0.0
Knoxville	995	66	84	28.87	29.92	−.11	58.8	+.8	87	26	67	35	17	50	29	52	48	72	5.95	+1.8	13	4,284	w.	26	w.	15	9	10	11	6.2	.0	.0
Memphis	399	78	86	29.50	29.93	−.07	59.8	−2.0	85	26	67	41	8	52	25	53	48	69	2.82	−2.0	8	5,167	nw.	32	n.	5	7	9	14	6.4	.0	.0
Nashville	546	168	191	29.36	29.95	−.06	58.0	−1.0	85	26	67	36	16	49	31	52	47	72	4.51	+.4	11	6,493	nw.	31	nw.	7	7	10	13	6.4	.0	.0
Lexington	989	5																														
Louisville	525	188	234	29.37	29.96	−.05	54.2	−2.2	87	26	63	30	16	46	30	47	42	68	2.98	−.9	11	7,042	n.	35	w.	15	7	8	15	6.7	T	.0
Evansville	431	76	116	29.47	29.94	−.06	55.1	−1.6	85	26	63	32	16	47	26	48	42	68	2.90	−1.0	12	6,384	n.	29	nw.	15	4	9	17	7.0	.0	.0
Indianapolis	822	194	230	29.07	29.96	−.04	49.0	−3.1	84	26	58	25	15	40	34	42	36	64	1.54	−2.1	9	8,368	e.	39	w.	15	3	9	18	7.7	.2	.0
Terre Haute	575	96	129	29.31	29.94		51.8		87	26	61	30	16	43	30	44	38	67	2.13	−1.5	11	7,287	n.	36	nw.	15	4	11	15	7.1	T	.0
Cincinnati	627	11	51	29.27	29.95	−.06	50.5	−1.9	84	26	59	25	16	42	32	44	39	71	2.26	−.9	12	5,653	ne.	28	w.	15	5	7	18	7.5	.4	.0
Columbus	822	90	210	29.07	29.95	−.07	49.1	−2.1	84	26	58	22	16	41	35	43	37	68	1.88	−1.0	9	6,432	ne.	43	sw.	27	6	6	18	7.1	.5	.0
Dayton	900	58	153	28.97	29.94		49.4	−2.2	82	26	58	24	15	41	32				2.26	−.9	9	6,118	ne.	33	w.	15	2	10	18		.2	.0
Elkins	1,947	59	78	27.90	29.97	−.06	46.0	−2.8	82	27	56	17	16	36	47	41	36	73	3.04	−.6	18	4,874	w.	34	nw.	30	3	10	17	7.4	2.8	.0
Parkersburg	637	77	84	29.31	29.97	−.06	51.4	−2.0	84	26	60	23	16	42	40	45	39	69	2.17	−1.0	13	4,912	nw.	30	w.	15	7	9	14	6.4	1.0	.0
Pittsburgh	842	353	410	29.04	29.95	−.07	50.0	−1.2	86	27	59	23	16	41	37	43	38	71	1.91	−1.0	12	7,605	w.	38	w.	15	4	12	14	6.8	1.0	.0
Lower Lake Region							**44.0**	**−1.4**										**72**	**2.14**	**−0.4**										**6.6**		
Buffalo	768	243	280	29.11	29.96	−.05	41.0	−1.8	71	27	47	22	16	35	25	37	33	77	.88	−1.7	13	10,046	sw.	50	sw.	15	8	6	16	6.5	1.1	.0
Canton	448	10	61	29.43	29.91		42.0	−.5	80	27	51	20	6	33	34				4.04	+1.9	15	6,280	e.	27	w.	30	3	11	16	7.2	9.7	.0
Ithaca	836	77	100	29.02	29.94		43.4	−1.6	86	27	52	24	6	34	40	39	34	72	3.59	+1.1	15	6,465	nw.	27	w.	30	4	12	14	7.2	11.7	.0
Oswego	335	71	85	29.57	29.94	−.07	42.6	−1.0	84	27	49	26	7	36	35	38	32	71	2.16	−.2	13	7,069	w.	27	w.	30	5	8	17	6.9	.9	.0
Rochester	523	86	102	29.38	29.96	−.05	44.4	−.5	82	27	52	25	16	37	31	39	33	68	1.48	−.9	14	6,417	w.	31	sw.	30	9	9	12	5.8	.7	.0
Syracuse	596	65	79		29.94	−.07	44.4	.0	87	27	52	26	7	37	34				3.51	+1.0	13	5,711	nw.	23	sw.	30	8	6	16		9.5	.0
Erie	714	136	166	29.18	29.96	−.06	43.8	−1.3	82	27	50	23	16	37	29	39	34	75	1.17	−1.6	10	8,826	nw.	40	w.	15	12	7	11	5.4	1.1	.0
Cleveland	762	267	337	29.13	29.96	−.06	44.6	−1.6	79	26	51	22	15	38	35	39	34	70	1.34	−1.1	10	9,551	w.	43	n.	6	8	6	16	6.6	3.6	.0
Sandusky	629	5	67	29.28	29.97	−.05	45.4	−1.8	78	26	52	23	15	39	34				1.51	−1.0	8	7,116	ne.	34	nw.	15	7	6	17	6.6	.3	.0
Toledo	628	79	87	29.30	29.99	−.02	45.4	−2.2	81	26	53	22	16	38	35	40	34	70	1.46	−1.2	9	7,374	e.	31	e.	7	8	8	14	6.5	.1	.0
Fort Wayne	857	69	84	29.04	29.98		46.2	−3.1	81	26	54	22	15	38	35	41	35	71	2.15	−.9	8	6,910	ne.	32	nw.	15	7	7	16	7.0	.8	.0
Detroit[1]	626	5	78	29.29	29.99	−.03	44.4	−1.8	77	26	53	21	16	36	36	39	33	70	2.39	−.1	8	7,160	ne.	37	nw.	15	4	9	17	7.1	.2	.0
Upper Lake Region							**40.5**	**−1.0**										**71**	**1.53**	**−0.9**										**6.3**		
Alpena	609	13	89	29.35	30.02	.00	40.2	+1.6	71	26	48	24	15	33	30	35	30	69	.63	−1.6	5	7,632	nw.	29	nw.	15	12	9	9	4.9	.6	.0
Escanaba	612	54	60	29.38	30.07	+.05	37.4	−.5	60	24	45	16	15	30	24	33	28	73	1.11	−1.1	8	7,679	n.	35	n.	12	8	7	15	6.0	3.5	.0
Grand Rapids	707	70	244	29.22	30.00	−.02	44.9	−2.1	82	26	54	20	15	36	31	38	32	65	1.35	−1.4	10	8,398	ne.	37	e.	7	5	10	15	6.8	2.2	.0
Lansing	878	6	88	29.03	29.99		43.6	−2.0	80	26	53	20	15	34	38	39	35	76	1.60	−1.0	9	6,957	e.	32	w.	15	5	11	14	6.8	.8	.0
Ludington	637	5	54																													
Marquette	734	77	111	29.25	30.07	+.05	36.5	−1.3	72	26	42	15	15	31	36	33	29	76	1.87	−.6	8	6,578	nw.	33	nw.	15	7	11	12	6.2	7.3	T
Sault Sainte Marie	614	11	52	29.35	30.06	+.03	39.6	+2.2	67	25	49	18	16	30	33	33	26	64	.76	−1.4	8	5,696	nw.	35	nw.	15	10	11	9	5.3	2.5	.0
Chicago	673	7	131	29.26	30.00	.00	44.0	−2.9	84	26	49	26	15	39	29	39	34	73	1.77	−1.0	11	8,284	ne.	32	nw.	14	4	10	16	6.9	.6	.0
Green Bay	617	109	141	29.35	30.02	+.01	41.4	−1.8	78	26	49	16	15	34	37	36	31	69	1.70	−1.0	10	8,495	ne.	34	nw.	15	5	8	17	6.9	7.3	.0
Milwaukee	681	97	221	29.27	30.02	+.03	41.5	−2.3	69	26	47	20	15	36	31	37	32	72	3.05	+.4	12	9,360	ne.	38	n.	12	4	9	17	7.0	.4	.0
Duluth	1,133	5	47	28.82	30.07	+.06	35.7	−1.3	65	14	43	11	15	28	52	32	28	77	1.45	−.6	7	9,577	ne.	51	nw.	14	8	5	17	6.3	.5	.0
North Dakota							**39.3**	**−1.6**										**74**	**2.04**	**+0.4**										**6.4**		
Moorhead, Minn.	940	50	58	29.01	30.05	+.06	39.3	−1.3	67	22	47	15	15	32	30	36	32	78	2.46	+.3	12	6,877	se.	27	nw.	14	6	4	20	7.3	10.8	.0
Bismarck	1,674	8	57	28.21	30.03	+.06	40.2	−1.9	72	21	49	13	2	31	36	35	29	71	3.03	+1.5	16	8,190	se.	35	w.	13	6	11	13	6.7	5.4	.0
Devils Lake	1,478	11	44	28.46	30.07	+.08	37.6	−1.2	67	22	46	10	2	29	32	33	30	79	1.67	+.2	9	7,321	se.	32	nw.	14	6	6	18	7.1	1.1	.0
Grand Forks	833	12	67				38.4		69	22	47	15	15	30	32	35			2.00		7		se.	35	nw.	15	5	16	9		3.8	.0
Williston	1,878	41	48	28.00	30.01	+.05	40.0	−2.0	76	21	50	8	2	30	36	34	27	67	1.02	−.2	6	7,552	se.	35	nw.	13	11	12	7	4.7	2.4	.0
Upper Mississippi Valley							**48.2**	**−2.1**										**70**	**2.41**	**−0.6**										**6.9**		
Minneapolis	918	102	208	29.03	30.02		44.0	−2.4	76	25	52	18	15	36	41	38	32	66	2.32	+.1	10	8,874	se.	40	nw.	15	6	6	18	6.6	6.9	.0
La Crosse	714	11	48	29.22	30.00	+.02	46.0	−1.2	78	25	55	21	15	37	41	40	34	68	2.40	.0	12	4,983	nw.	23	nw.	15	6	8	16	6.6	.1	.0
Madison	974	70	78	28.94	30.00	+.01	43.4	−2.0	80	26	51	21	15	36	33	39	35	76	1.82	−1.0	11	7,570	se.	31	nw.	14	5	7	18	7.1	.1	.0
Charles City	1,015	10	51	28.91	30.00	+.02	45.0	−1.4	73	25	54	21	15	36	43	39	34	72	2.91	+.4	12	6,396	se.	27	nw.	15	6	10	14	6.3	T	.0
Davenport	606	66	161	29.32	29.99	+.01	48.0	−1.8	78	25	56	26	15	39	34	42	36	68	2.24	−.4	12	8,490	ne.	38	nw.	15	3	11	16	7.3	.1	.0
Des Moines	861	5	99	29.06	29.97	.00	48.3	−1.9	77	25	57	26	16	40	41	42	36	66	.74	−2.2	5	8,264	se.	39	nw.	14	4	8	18	7.2	.2	.0
Dubuque	700	60	79	29.24	29.99	+.01	47.0	−1.6	78	26	55	24	15	39	36	40	34	65	1.57	−1.3	10	5,832	e.	30	nw.	14	3	9	18	7.2	T	.0
Keokuk	614	64	78	29.30	29.98	.00	49.4	−2.9	79	25	58	28	16	41	33	43	38	68	2.48	−.5	9	6,453	n.	30	n.	15	3	9	18	7.5	2.5	.0
Cairo	358	87	93	29.55	29.93	−.06	56.4	−1.7	85	26	64	37	16	49	23	49	43	68	3.69	.0	12	6,899	n.	26	nw.	15	5	9	16	6.7	.0	.0
Peoria	609	11	45	29.32	29.99	.00	48.4	−2.5	84	26	57	28	15	40	32	43	38	71	2.91	−.5	9	6,328	ne.	28	w.	15	5	13	12	6.5	3.0	.0
Springfield, Ill.	636	5	191	29.28	29.96	−.02	50.2	−2.5	84	26	58	30	16	42	28	45	40	73	3.39	−.1	11	8,666	se.	38	nw.	15	4	9	17	7.5	1.6	.0
St. Louis	568	265	303	29.33	29.94	−.04	52.4	−3.4	84	26	60	32	16	45	30	46	42	73	2.50	−1.3	13	8,527	ne.	35	nw.	15	9	7	14	6.3	T	.0
Missouri Valley							**49.4**	**−2.4**										**68**	**2.86**	**0.0**										**6.6**		
Columbia, Mo.	784	6	84	29.10	29.94	−.04	52.1	−2.8	83	25	60	30	16	44	40				2.66	−1.1	12	6,697	n.	30	nw.	14	6	9	15	6.7	T	.0
Kansas City[1]	750	32	45	29.13	29.94	−.02	52.2	−2.6	82	14	62	31	3	43	45	39	67	2.30	−.8	11	8,108	n.	43	nw.	14	4	10	16	6.6	1.0	.0
St. Joseph	967	11	49	28.90	29.94		51.0		81	14	60	29	15	42	46	44	37	65	3.10	+.1	10	7,230	se.	35	nw.	14	9	7	14	5.9	T	.0
Springfield, Mo.	1,324	98	104	28.52	29.93	−.04	53.2	−2.8	79	24	61	32	8	45	30	47	41	69	1.86	−2.0	11	7,964	se.	28	nw.	14	7	6	17	6.5	T	.0
Iola	984	11	50	28.87	29.92	−.03	54.3	−1.9	79	22	65	31	15	44	46				2.97	−.5	10		ne.				4	11	15		.0	.0
Topeka	987	65	87				52.4	−2.3	85	14	63	30	15	42	48				2.09	−.7	8	7,961	ne.	32	nw.	14	6	11	13	6.3	T	.0
Lincoln	1,189	11	81	28.66	29.94	.00	49.6	−1.9	81	22	59	26	15	40	47	42	35	65	1.33	−1.2	8	8,508	n.	40	nw.	14	7	7	16	6.9	T	.0
Omaha	1,105	170	200	28.77	29.96	+.01	49.4	−1.8	82	22	59	25	4	40	40	42	34	61	.80	−1.7	9	9,331	n.	44	nw.	14	6	7	17	6.8	1.1	.0
Valentine	2,598	47	54	27.23	29.98	+.04	41.0	−4.7	78	22	50	16	2	32	38	36	30	71	4.45	+2.6	12	9,021	n.	30	n.	14	8	4	18	6.7	12.2	.0
Sioux City	1,138	64	106	28.73	29.96	+.01	47.0	−.8	83	22	56	24	15	38	36	41	35	69	4.31	+1.6	13	8,002	se.	45	nw.	14	7	3	20	7.4	.2	.0
Huron	1,306	60	74	28.58	30.00	+.04	42.4	−2.7	76	22	51	20	2	34	37	38	34	78	5.64	+3.4	13	8,006	se.	31	nw.	14	8	7	15	6.2	26.9	.0
Northern Slope							**39.3**	**−3.9**										**63**	**2.07**	**+0.5**										**6.2**		
Billings	3,570	17	31																													
Havre	2,505	11	67	27.33	30.01	+.08	38.2	−5.5	75	20	50	0	2	26	45	32	25	65	1.15	+.2	12	6,785	sw.	33	nw.	13	7	13	10	5.7	4.4	.0
Helena	4,124	85	111	25.73	29.99	+.02	36.9	−6.6	69	20	48	−4	2	26	46	30	22	58	.70	−.4	10	6,162	sw.	31	s.	15	5	7	18	7.1	4.2	.0
Kalispell	2,973	48	56	26.89	29.98	+.02	38.2	−5.4	64	25	49	7	2	28	35	33	26	67	1.81	+1.0	13	4,946	nw.	27	n.	29	7	12	11	6.0	5.5	.0
Miles City	2,371	48	55	27.44	30.02	+.06	42.2	−2.5	82	21	53	7	2	31	43	35	26	58	.90	−.2	8	6,057	nw.	26	n.	14	10	12	8	5.2	1.7	.0
Rapid City	3,259	50	58	26.56	30.03	+.08	40.6	−3.7	78	21	50	13	2	31	36	34	27	65	2.78	+.8	12	8,062	n.	32	n.	25	7	12	11	6.2	15.2	.0
Cheyenne	6,094	50	71	23.90	29.93	+.02	38.0	−2.9	69	13	49	10	29	26	38	31	24	65	2.95	+1.0	13	9,358	nw.	37	nw.	4	4	12	14	6.9	27.2	T
Lander	5,372	60	68	24.54	29.93	−.01	40.2	−2.2	71	15	52	10	1	28	41	32	23	57	2.91	+.8	9	4,613	sw.	37	sw.	15	8	9	13	5.9	18.9	.0
Sheridan	3,790	10	47	26.03	29.98		39.0		79	21	52	8	2	26	54	32	25	62	1.34	−.6	13	5,173	nw.	30	nw.	27	8	11	11	5.8	11.0	.0
Yellowstone Park	6,241	11	48		29.96	.00	33.4	−3.6	61	20	44	−5	1	23	37			68	2.07	+.6	20	6,525	sw.	32	sw.	15	5	8	17		23.7	.0
North Platte	2,821	11	51	26.98	29.92	.00	45.9	−2.7	83	22	57	21	2	35	40	38	30	64	4.08	+2.0	12	7,436	n.	32	se.	9	3	15	12	6.9	.6	.0

TABLE I.—*Climatological data for Weather Bureau stations, April 1935*—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							51.6	−1.8										54	1.48	−0.8										6.3		
Denver	5,292	106	113	24.61	29.87	−0.03	45.5	−1.6	78	13	57	18	2	34	38	36	25	51	4.07	+2.0	9	6,349	s.	31	nw.	6	5	13	12	6.6	23.3	0.0
Pueblo	4,685	80	86	25.17	29.84	−.04	50.8	+.7	81	13	64	26	1	38	50	38	23	40	.42	−.9	4	6,737	e.	34	nw.	14	10	10	10	5.4	T	.0
Concordia	1,392	50	58	28.47	29.95	+.02	51.2	−2.3	84	14	62	27	15	40	50	42	34	59	.72	−1.6	8	8,108	n.	31	n.	11	9	8	13	6.0	T	.0
Dodge City	2,509	10	86	27.32	29.92	+.02	51.8	−1.8	84	14	65	26	7	39	43	41	30	50	.03	−1.9	1	11,655	s.	38	nw.	10	8	10	12	5.8	.0	.0
Wichita	1,358	85	93	28.48	29.92	−.01	52.8	−3.6	83	14	62	33	8	44	41	45	37	60	1.86	−1.0	8	9,628	se.	30	se.	9	8	6	16	6.5	.0	.0
Oklahoma City	1,214	10	47	28.63	29.91	−.01	57.8	−2.0	86	14	68	36	8	48	35	50	44	66	1.81	−1.5	5	8,467	n.	27	n.	14	6	6	18	7.3	.0	.0
Southern Slope							64.3	+1.4										43	0.66	−1.2										5.1		
Abilene	1,738	10	52	28.08	29.87	−.03	65.8	+1.4	96	14	78	39	13	53	41	52	40	50	1.55	−1.2	5	8,377	s.	28	s.	23	9	11	10	5.4	.0	.0
Amarillo	3,676	10	49	26.16	29.86	−.01	56.8	+1.0	90	14	70	31	12	44	41	42	27	39	.05	−1.8	2	7,958	se.	27	n.	10	7	11	12	5.7	.0	.0
Big Spring	2,537	5	62	27.27	29.86	------	65.0	------	95	14	78	41	13	52	39	50	36	43	1.20	------	3	------	ne.	----	------	---	12	10	8	4.7	.0	.0
Del Rio	944	64	71	28.83	29.80	−.09	73.3	+2.7	93	24	84	51	13	63	32	61	51	54	.67	−1.1	3	8,037	se.	34	w.	4	9	12	9	5.2	.0	.0
Roswell	3,566	75	85	26.26	29.83	−.02	61.2	+.6	90	14	75	39	20	47	41	45	24	31	.39	−.5	3	7,466	s.	34	nw.	24	13	9	8	4.6	.0	.0
Southern Plateau							58.7	+1.4										40	0.37	0.0										3.9		
El Paso	3,778	152	175	26.09	29.82	−.01	65.3	+1.9	88	16	78	44	11	53	30	46	26	26	.02	−.2	2	8,582	w.	43	w.	16	20	8	2	2.5	.0	.0
Albuquerque	4,972	5	39	24.95	29.79	------	54.1	------	82	14	69	29	7	40	39	39	27	42	.48	−.1	3	7,978	w.	40	w.	9	9	14	7	5.2	.0	.0
Santa Fe	7,013	38	53	23.17	29.84	.00	46.8	+.1	71	14	58	26	10	36	30	37	26	47	1.02	.0	5	5,398	se.	24	s.	9	8	15	7	5.4	1.0	.0
Flagstaff	6,907	10	59	23.26	29.81	−.03	43.3	+1.1	68	14	57	22	9	30	39	35	----	58	1.45	------	3	7,679	sw.	33	sw.	9	4	19	7	----	T	T.
Phoenix	1,108	10	107	28.69	29.83	−.04	69.4	+2.4	93	14	83	41	10	56	36	51	33	31	.09	−.3	1	4,750	e.	25	nw.	17	18	5	7	3.5	.0	.0
Yuma	141	9	54	29.70	29.85	−.04	70.7	+1.2	98	14	86	43	10	56	42	54	38	36	.01	−.1	1	5,607	w.	29	nw.	9	20	6	4	2.8	.0	.0
Independence	3,957	5	26	29.87	29.88	−.02	56.6	+1.5	82	23	71	28	9	42	41	42	----	----	.60	+.5	3	------	nw.	----	------	---	14	12	4	----	.0	.0
Middle Plateau							48.4	0.0										50	1.92	+0.9										6.2		
Reno	4,527	61	76	25.39	29.91	−.06	47.7	+.4	74	19	59	30	8	36	39	39	29	53	1.64	+1.2	7	6,041	w.	35	w.	29	5	14	11	6.0	T	.0
Tonopah	6,090	12	20	------	------	------	46.8	------	72	20	58	18	9	36	33	36	22	42	.46	------	2	------	w.	----	------	---	---	---	---	----	----	----
Winnemucca	4,344	18	56	25.53	29.92	−.04	46.0	−.7	74	19	59	20	24	33	41	38	29	59	3.34	+2.5	11	6,502	sw.	31	w.	21	9	5	16	6.2	6.9	.0
Modena	5,473	10	46	24.50	29.82	−.06	46.8	+.8	74	14	61	23	6	32	42	36	24	48	.47	−.4	6	8,647	sw.	49	sw.	15	6	12	12	6.2	.2	.0
Salt Lake City	4,357	86	210	25.51	29.86	−.06	49.8	+.2	76	20	60	32	17	40	31	40	29	49	2.89	+.8	12	6,114	s.	44	w.	15	7	5	18	6.7	2.1	.0
Grand Junction	4,602	60	68	25.26	29.82	−.06	51.9	−.5	79	15	64	31	11	40	33	40	27	46	1.25	+.4	10	5,511	se.	31	s.	15	8	11	11	5.9	T	.0
Northern Plateau							47.0	−2.2										54	1.84	+0.7										5.5		
Baker	3,471	48	53	26.37	29.97	−.03	42.9	−2.3	67	19	54	18	2	32	35	36	29	62	2.08	+1.0	14	4,869	se.	24	sw.	20	9	9	12	5.7	5.2	.0
Boise	2,739	79	87	27.07	29.94	−.04	48.8	−1.6	73	19	59	31	28	38	31	41	33	57	2.88	+1.7	12	4,966	se.	24	nw.	9	7	7	16	6.3	T	.0
Pocatello	4,477	60	68	25.36	29.88	−.06	45.7	−.3	71	20	56	26	1	36	35	37	28	56	2.94	+1.5	13	7,045	sw.	34	s.	15	10	7	13	5.8	4.2	.0
Spokane	1,929	101	110	27.91	29.98	−.01	45.2	−3.2	69	12	55	21	2	35	35	37	27	55	.92	−.2	9	5,149	s.	21	s.	12	11	7	12	5.3	T	.0
Walla Walla	991	57	65	28.89	29.96	−.05	49.5	−3.6	71	19	59	24	2	40	31	42	32	55	2.13	+.6	11	4,429	s.	21	se.	12	10	9	11	5.3	T	.0
Yakima	1,076	58	67	28.82	29.98	------	50.0	−2.5	78	25	62	22	2	38	34	39	24	41	.06	−.4	3	4,932	nw.	23	nw.	30	15	3	12	4.7	.2	.0
North Pacific Coast Region							50.1	+0.9										70	2.26	−0.8										5.7		
North Head	211	11	56	29.78	30.01	−.04	48.2	+.7	72	27	53	37	2	43	22	44	40	77	1.85	−2.3	11	8,377	n.	52	s.	22	11	7	12	5.3	.0	.0
Seattle	125	90	321	29.86	29.99	−.04	50.7	+1.3	76	28	59	34	2	42	30	44	36	63	1.55	−.8	9	7,074	n.	34	sw.	20	11	12	7	4.5	.0	.0
Tatoosh Island	86	10	54	29.90	30.00	.00	47.4	+1.3	64	28	52	37	1	43	15	44	40	80	2.76	−2.9	10	9,353	e.	38	e.	1	13	5	12	4.9	.0	.0
Medford	1,329	29	58	28.55	29.96	------	51.8	------	84	26	64	31	17	40	45	45	37	65	2.05	+.8	13	4,245	nw.	27	se.	12	6	9	15	6.9	.0	.0
Portland, Oreg	153	68	106	29.83	29.99	−.07	51.7	−.1	75	11	60	36	2	43	31	45	38	64	2.48	−.4	12	5,180	nw.	21	e.	28	7	10	13	6.1	.0	.0
Roseburg	510	45	76	29.94	29.99	−.08	52.4	+1.4	80	27	63	35	10	41	39	46	41	72	2.85	+.6	16	3,466	n.	20	w.	20	6	11	13	6.4	.0	.0
Middle Pacific Coast Region							56.2	+1.8										73	4.85	+2.7										6.6		
Eureka	62	73	89	29.94	30.01	−.10	51.2	+1.3	65	26	57	38	8	45	19	48	46	86	5.29	+2.0	15	5,097	n.	25	n.	24	4	10	16	7.1	.0	.0
Redding	722	20	34	------	------	------	57.2	------	87	27	65	33	9	49	31	49	41	62	7.98	------	13	5,423	nw.	29	se.	15	7	2	21	7.4	.0	.0
Sacramento	69	92	115	29.88	29.96	−.05	58.6	+.5	80	25	67	40	9	50	29	52	46	70	5.81	+4.3	11	5,237	sw.	25	nw.	24	9	13	8	5.3	.0	.0
San Francisco	155	208	243	29.80	29.97	−.08	58.7	+3.7	81	26	65	46	9	52	23	52	48	73	3.45	+1.8	12	5,230	w.	29	nw.	8	6	7	17	6.4	.0	.0
South Pacific Coast Region							60.4	+1.1										72	2.33	+1.4										6.0		
Fresno	327	97	105	29.61	29.97	−.02	60.6	+.4	89	26	72	41	9	50	33	53	47	67	2.77	+1.8	8	4,443	nw.	24	sw.	15	7	10	13	5.8	.0	.0
Los Angeles	338	159	191	29.61	29.97	−.02	60.7	+1.3	83	25	68	46	9	53	31	54	49	72	3.19	+2.2	5	4,380	sw.	22	sw.	8	9	9	12	5.6	.0	.0
San Diego	87	62	70	29.88	29.97	−.02	60.0	+1.5	74	14	66	44	10	54	21	55	52	78	1.02	+.2	7	5,157	nw.	25	s.	8	5	11	14	6.7	.0	.0
West Indies																																
San Juan, P. R.	82	9	54	29.89	29.98	------	76.2	−.4	85	14	82	66	4	71	15	----	----	----	.42	−3.9	5	7,900	e.	27	e.	9	6	23	1	5.2	.0	.0
Panama Canal																																
Balboa Heights	118	6	97	------	[2]29.82	------	81.4	−.2	93	24	90	68	7	73	20	----	----	[2]77	2.40	−.6	6	5,872	nw.	25	n.	13	1	26	3	5.7	.0	.0
Cristobal	36	6	97	------	[2]29.85	------	81.6	−.2	88	23	86	72	7	78	13	75	73	[2]76	1.87	−2.3	12	8,546	n.	27	nw.	14	5	14	11	5.7	.0	.0
Alaska																																
Fairbanks	454	11	87	------	------	------	------	------	---	---	---	---	---	---	---	---	---	---	------	------	---	------	---	---	---	---	---	---	---	---	---	---
Juneau	80	96	116	[3]29.90	[3]29.99	------	39.6	------	56	30	46	26	1	34	25	35	28	65	4.96	------	16	5,446	s.	25	e.	18	4	7	19	7.4	.4	.0
Hawaiian Islands																																
Honolulu	38	86	100	[3]30.02	[3]30.06	------	72.5	−.5	80	29	77	65	14	68	13	64	60	68	.25	−1.9	7	8,259	e.	28	ne.	10	17	3	10	4.3	.0	.0

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

TABLE 2.—*Data furnished by the Canadian Meteorological Service, April 1935*

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												
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	29.59	29.92	−0.07	39.2	+4.1	45.7	32.6	72	13	3.11	+1.02	3.3
Doucet, Quebec	1,236				31.6		44.3	18.9	64	−20	1.39		5.3
Montreal, Quebec	187												
Ottawa, Ontario	236												
Kingston, Ontario	285	29.61	29.93	−.09	42.0	+2.0	49.5	34.5	67	22	2.09	+.30	1.5
Toronto, Ontario	379	29.55	29.97	−.05	43.7	+2.9	51.0	36.4	68	25	.95	−1.42	2.2
Cochrane, Ontario	930				31.5		43.3	19.6	68	−1	1.45		4.1
White River, Ontario	1,244												
London, Ontario	808				40.6		49.4	31.9	70	18	1.95		.5
Southampton, Ontario	656	29.26	29.99	−.04	38.4	−.3	46.4	30.4	69	22	1.32	−.48	2.7
Parry Sound, Ontario	688	29.27	29.97	−.05	40.8	+3.2	50.2	31.5	64	19	1.90	−.01	4.6
Port Arthur, Ontario	644	29.36	30.09	+.06	34.6	+1.1	42.3	26.9	55	9	.95	−.77	4.9
Winnipeg, Manitoba	760	29.25	30.10	+.08	36.2	+.3	44.0	28.4	66	5	1.18	+.13	1.8
Minnedosa, Manitoba	1,690	28.23	30.09	+.08	33.8	−2.2	43.3	24.4	66	0	.97	−.09	3.3
Le Pas, Manitoba	860		30.11		30.8		42.8	18.9	64	−12	.77		.6
Qu'Appelle, Saskatchewan	2,115												
Moose Jaw, Saskatchewan	1,759				37.7		48.4	27.1	78	1	.42		1.6
Swift Current, Saskatchewan	2,392	27.40	29.96	.00	36.4	−4.9	46.6	26.3	76	−6	1.53	+.60	1.3
Medicine Hat, Alberta	2,365	27.41	29.93	+.01	36.6	−7.9	46.4	26.7	70	2	2.30	+1.56	11.6
Calgary, Alberta	3,540	26.24	29.99	+.09	32.0	−7.6	42.2	21.9	62	1	1.62	+.98	16.2
Banff, Alberta	4,521												
Prince Albert, Saskatchewan	1,450	28.52	30.14	+.16	31.6	−4.5	41.6	21.6	62	−6	1.73	+.90	14.8
Battleford, Saskatchewan	1,592	28.26	30.05	+.08	31.9	−5.3	43.3	20.6	72	−10	1.84	+1.37	7.6
Edmonton, Alberta	2,150												
Kamloops, British Columbia	1,262												
Victoria, British Columbia	230	29.74	29.99	−.02	48.6	+1.8	55.7	41.4	67	34	.38	−1.99	.0
Barkerville, British Columbia	4,180												
Estevan Point, British Columbia	20												
Prince Rupert, British Columbia	170												
Hamilton, Bermuda	151												

LATE REPORTS FOR MARCH 1935

Quebec, Quebec	296	29.67	30.01	+0.05	22.9	+1.7	30.4	15.5	43	−8	2.78	−0.48	24.4
Ottawa, Ontario	236	29.75	30.03	+.02	26.6	+5.1	35.7	17.6	53	−10	1.75	−.97	7.0
Kingston, Ontario	285	29.70	30.02	+.01	31.5	+5.9	38.7	24.3	53	4	1.39	−1.25	2.0
London, Ontario	808				35.0		43.4	26.7	62	7	2.66		7.7
Winnipeg, Manitoba	760	29.06	29.92	−.17	18.0	+5.7	26.4	9.6	40	−13	2.84	+1.81	25.6
Qu'Appelle, Saskatchewan	2,115	27.52	29.84	−.20	16.1	+1.2	25.1	7.2	49	−19	1.31	+.54	13.1
Swift Current, Saskatchewan	2,392	27.26	29.89	−.13	19.8	−2.2	28.5	11.2	56	−32	1.41	+.60	14.1
Medicine Hat, Alberta	2,365	27.30	29.84	−.16	22.6	−4.9	30.5	14.8	58	−23	1.21	+.45	12.1
Calgary, Alberta	3,540	26.09	29.89	−.06	19.6	−6.6	29.1	10.1	59	−16	.94	+.22	9.4
Prince Albert, Saskatchewan	1,450	28.33	29.98	−.10	11.8	−.2	20.4	3.3	39	−20	.49	−.28	4.9
Battleford, Saskatchewan	1,592	28.13	29.95	−.11	12.0	−1.1	21.8	2.3	42	−31	.43	−.03	4.3
Victoria, British Columbia	230	29.67	29.93	−.04	42.1	+.2	47.2	37.1	57	31	2.94	−.18	.8
Hamilton, Bermuda	151	30.01	30.18	+.10	62.9	+.7	68.2	57.6	73	48	5.72	+.59	.0