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, December, 1924

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	48.6	+1.6	Thomasville	87	7	St. Bernard	11	2	7.05	+2.24	Thomasville	13.54	Millport	3.60
Alaska (November)	24.5	+6.3	Hydaburg	62	15	Allakaket	−32	24	6.56	+0.52	Latouche	24.55	Fort Yukon	0.05
Arizona	41.5	−2.0	Lichton	86	2	Chin Lee	−22	27	1.69	+0.45	Crown King	6.55	Hereford	0.02
Arkansas	41.4	−0.7	Grannis	86	14	Gravette	−8	25	3.65	−0.44	2 stations	5.85	Whiteclifts	1.00
California	44.3	−2.2	4 stations	87	[2] 12	Helm Creek	−28	18	4.18	+0.21	Lake Spaulding	11.77	Mecca	0.07
Colorado	19.3	−5.8	3 stations	73	14	Fraser	−50	25	1.72	+0.54	Savage Basin	8.48	Hartsel	0.12
Florida	63.3	+3.7	5 stations	87	[2] 7	Vernon	23	2	2.26	−0.54	St. Andrew	12.77	Fort Myers	0.01
Georgia	50.1	+3.0	Waycross	85	7	Blue Ridge	8	2	6.39	+2.16	Clayton	10.65	Brunswick	2.10
Hawaii	70.8	+1.1	Waimanalo	90	5	Kula Sanitarium	46	22	5.54	−4.24	Pun Kukui	24.00	Olaa (Kurtistown)	0.42
Idaho	18.8	−6.8	2 stations	62	[2] 11	Felt	−50	19	2.26	+0.16	Prichard	4.61	Challis	0.48
Illinois	25.3	−4.9	4 stations	70	[2] 8	3 stations	−26	28	3.48	+1.34	Tuscola	6.82	Rochelle	1.14
Indiana	27.8	−4.1	Washington	69	7	Rochester	−30	28	4.84	+2.10	Kokomo	8.60	Salem	2.01
Iowa	15.4	−8.7	Keosauqua	62	12	Washta	−33	28	1.79	+0.65	Wescott	2.93	Rockwell City	0.90
Kansas	24.5	−6.9	Liberal	76	12	2 stations	−22	[2] 20	1.53	+0.62	Beaver	3.79	Johnson	0.14
Kentucky	35.9	−1.7	Williamsburg	79	18	Owensboro	−9	28	6.00	+1.92	Brownsville	11.12	Oneonta	3.26
Louisiana	52.3	+0.5	3 stations	88	[2] 7	2 stations	11	[2] 25	5.10	−0.08	Jennings	10.59	Shreveport	2.26
Maryland-Delaware	35.2	+0.6	Cheltenham, Md	76	19	Oakland, Md	−4	29	2.36	−1.00	Milford, Del	3.36	Cumberland, Md	1.07
Michigan	19.8	−4.9	Hartford	60	8	Humboldt	−27	28	2.44	+0.40	Mancelona	5.70	Escanaba	0.90
Minnesota	5.0	−9.9	Winnibigoshish	55	7	Itasca State Park	−39	19	0.87	+0.16	Winona	2.23	Campbell	0.06
Mississippi	48.3	+0.2	Leakesville	87	16	2 stations	7	28	5.68	+0.22	Columbia	10.38	Pontotoc	1.55
Missouri	27.7	−6.2	Hollister	80	16	St. Catharine	−28	28	3.43	+1.40	Mountain Grove	6.70	Bethany	0.67
Montana	13.0	−9.2	2 stations	70	[2] 1	Wheaton	−55	18	1.09	+0.19	Belton	5.26	Sunset Orchard	T.
Nebraska	16.2	−9.6	Scottsbluff	70	15	Weeping Water	−31	28	1.82	+1.08	Beaver City	3.98	Mitchell (near)	0.27
Nevada	26.1	−6.0	Las Vegas	79	[2] 4	San Jacinto	−45	19	1.16	+0.33	Arthur	4.02	Goldfield	0.12
New England	23.2	−2.2	Boston, Mass	64	9	Van Buren, Me	−32	26	1.96	−1.48	Kingston, R. I	3.29	Burlington, Vt	0.61
New Jersey	32.8	−0.2	Burlington	68	9	Charlotteburg	−4	29	2.58	−1.38	Cape May City	3.42	Layton	1.85
New Mexico	30.4	−3.9	Jal	79	2	Dulce	−42	25	0.94	+0.12	Bateman's Ranch	4.87	2 stations	0.00
New York	24.5	−1.9	York	63	8	Indian Lake	−34	28	2.01	−1.03	Copenhagen	4.74	West Berne	0.42
North Carolina	43.4	+2.0	2 stations	82	[2] 7	Parker	−1	21	4.63	+0.73	Rock House	12.03	Louisburg	1.40
North Dakota	2.9	−10.1	Marmarth	58	12	Dunseith	−46	27	0.43	−0.11	Willow City	1.00	Westhope	T.
Ohio	28.5	−2.7	Middleport	74	18	Bellefontaine	−20	28	3.41	+0.62	Upper Sandusky	5.79	Zanesville	1.57
Oklahoma	34.4	−4.7	Poteau	82	1	Hurley	−17	24	1.73	−0.12	Tuskahoma	9.07	Goodwell	0.13
Oregon	28.2	−6.0	Pilot Rock	71	13	2 stations	−53	[2] 24	4.13	−0.27	Government Camp	17.25	Arlington	0.80
Pennsylvania	29.8	−1.1	Uniontown	69	8	West Bingham	−23	28	2.13	−1.10	Corry	4.42	Sunbury	0.56
Porto Rico	74.6	0.0	Mayaguez	93	21	3 stations	55	[2] 15	4.90	+0.17	Rio Grande	22.67	Maricao	0.10
South Carolina	47.6	+1.0	Blackville	86	7	Landrum	12	22	5.54	+2.07	Aiken	9.58	Charleston	2.93
South Dakota	11.6	−9.2	Rapid City	69	12	De Smet	−36	27	0.97	+0.33	Wagner	3.60	Onida	0.11
Tennessee	39.5	−0.6	6 stations	78	[2] 17	Crossville	0	[2] 22	6.61	+2.14	Cedar Hill	9.81	Elizabethton	3.85
Texas	47.1	−2.4	Ricardo	97	[2] 6	Dalhart	−9	19	1.80	−0.36	Angleton	8.36	5 stations	0.00
Utah	20.4	−5.8	Springdale	68	1	Woodruff	−47	[2] 24	2.20	+0.99	Silver Lake	6.77	Salduro	0.22
Virginia	38.8	+1.0	2 stations	80	[2] 8	Rocky Mount	−4	22	3.05	−0.33	Stuart	5.90	Dale Enterprise	1.28
Washington	27.5	−5.5	Sunnyside	69	13	Anatone	−30	18	4.58	−0.40	Quinault	22.76	Rock Island	0.27
West Virginia	33.1	−0.2	Burlington	83	18	Pickens	−8	29	2.58	−0.79	Pickens	5.96	Upper Tract	0.58
Wisconsin	11.6	−8.7	Racine	52	8	Solon Springs	−36	24	1.07	−0.23	Lancaster	1.90	Mather	0.26
Wyoming	14.8	−5.7	Buffalo	71	14	Riverside	−59	19	0.99	+0.27	Afton (near)	2.71	Archer	0.13

[1] For description of tables and charts, see REVIEW, January, 1924, pp. 56-57.

[2] Other dates also.

TABLE 1.—*Climatological data for Weather Bureau stations, December, 1924*

Districts and stations	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.
New England							26.9	−2.5										71	1.91	−1.5										6.4		
Eastport	76	67	85	29.91	30.00	+.02	21.5	−4.8	52	9	30	−11	21	13	33	20	15	74	2.09	−1.9	12	9,599	w.	37	w.	20	8	7	16	6.6	5.8	0.2
Greenville, Me.	1,070	6	----	28.82	30.02	------	14.2	------	44	9	23	−20	21	6	34	----	----	----	1.84	------	12	------	se.	----	----	----	9	6	16	----	11.0	0.0
Portland, Me.	103	82	117	29.96	30.09	+.06	24.2	−3.4	56	9	31	−6	21	17	26	21	15	70	2.20	−1.5	10	6,244	sw.	32	w.	20	11	6	14	5.6	3.3	0.4
Concord	288	70	79	29.75	30.08	+.05	22.6	−4.2	56	9	31	−10	21	14	29	----	----	----	1.74	−1.6	7	4,190	nw.	28	nw.	15	10	9	12	5.4	4.1	1.8
Burlington	404	11	48	29.63	30.10	+.05	19.7	−4.7	55	9	28	−13	28	12	29	----	----	----	0.61	−1.1	11	10,476	s.	39	s.	26	4	4	23	7.8	2.8	0.4
Northfield	876	12	60	29.10	30.10	+.05	17.5	−2.9	59	9	27	−20	28	8	34	16	12	80	0.98	−1.7	13	6,085	n.	36	w.	14	4	8	19	7.6	6.5	3.0
Boston	125	115	188	29.96	30.10	+.05	31.1	−1.4	64	9	39	−1	21	23	28	27	20	64	1.48	−1.9	9	8,480	w.	39	w.	15	7	11	13	6.2	0.2	0.0
Nantucket	12	14	90	30.09	30.10	+.05	33.8	−2.0	55	8	40	9	21	28	20	31	26	73	2.61	−1.0	11	12,061	nw.	48	w.	14	5	5	21	7.3	4.5	0.0
Block Island	26	11	46	30.08	30.11	+.05	33.9	−2.1	56	9	39	10	21	28	24	31	25	70	2.54	−1.3	12	15,596	nw.	62	nw.	21	5	8	18	7.1	1.3	0.0
Providence	160	215	251	29.94	30.12	+.06	30.5	−1.1	61	9	38	4	21	23	25	27	20	65	1.96	−1.9	11	7,699	w.	50	nw.	21	10	9	12	5.5	0.6	0.0
Hartford	159	122	140	29.96	30.14	+.07	29.4	−0.4	60	9	37	2	21	22	22	----	----	----	1.90	−1.7	11	------	nw.	----	----	----	12	6	13	5.6	0.5	0.0
New Haven	106	74	153	30.02	30.14	+.07	31.5	−1.0	60	9	38	9	21	25	29	28	23	70	2.85	−0.8	9	6,938	w.	37	w.	14	10	5	16	6.2	1.1	0.0
Middle Atlantic States							35.3	−0.3										71	2.44	−0.7										6.6		
Albany	97	102	115	30.03	30.14	+.06	26.5	−2.0	60	9	34	−4	21	19	26	24	19	77	0.99	−1.6	11	5,709	s.	32	s.	5	5	9	17	7.3	4.4	0.2
Binghamton	871	10	84	29.13	30.09	.00	27.2	−1.0	60	8	35	−4	29	20	31	----	----	----	1.19	−1.2	13	5,300	nw.	30	sw.	9	4	2	25	8.2	2.7	0.5
New York	314	414	454	29.81	30.16	+.07	34.0	−1.0	61	8	41	11	26	27	25	30	23	64	2.38	−1.1	8	14,694	nw.	72	nw.	14	5	9	17	7.1	0.4	0.0
Harrisburg	374	94	104	29.79	30.21	+.09	32.3	−0.4	58	8	39	10	26	26	24	28	22	68	1.63	−1.0	5	5,172	nw.	28	w.	14	7	2	22	7.2	1.0	T.
Philadelphia	114	123	190	30.06	30.20	+.09	36.2	−0.1	66	8	43	13	26	29	25	32	24	63	2.18	−0.9	6	7,258	nw.	33	nw.	14	5	6	20	7.2	0.2	0.0
Reading	325	81	98	29.82	30.19	------	32.9	------	65	8	39	10	26	26	24	30	26	77	1.95	−1.4	7	3,831	nw.	30	w.	14	6	11	14	6.8	0.5	0.0
Scranton	805	111	119	29.27	30.17	+.07	28.8	−1.9	60	8	36	4	26	22	26	26	24	83	1.06	−1.6	12	6,139	sw.	37	sw.	14	3	7	21	7.7	4.6	0.3
Atlantic City	52	37	172	30.12	30.18	+.08	36.9	+0.5	61	17	44	14	26	30	30	33	27	70	3.15	−0.6	9	12,210	nw.	51	ne.	31	13	3	15	5.6	T.	0.0
Cape May	17	13	49	30.20	30.22	+.11	36.8	−1.2	58	17	43	16	29	30	27	34	30	78	3.42	−0.4	8	6,395	nw.	34	s.	5	9	5	17	6.7	T.	T.
Sandy Hook	22	10	55	30.14	30.16	------	33.8	------	58	8	40	13	26	28	24	30	24	67	2.13	------	7	12,927	w.	54	w.	14	4	8	19	7.1	0.3	0.0
Trenton	190	159	183	29.97	30.18	------	34.8	------	64	8	42	11	26	27	26	30	24	66	2.60	−0.6	8	6,082	nw.	45	w.	14	4	9	18	7.1	0.8	0.0
Baltimore	123	100	113	30.06	30.19	+.06	36.8	−0.4	66	19	44	15	26	30	29	32	25	65	2.30	−0.8	9	4,002	sw.	26	w.	14	6	9	16	6.6	T.	T.
Washington	112	62	85	30.08	30.21	+.08	36.4	−0.2	74	19	44	14	26	29	31	32	25	66	2.98	−0.2	8	5,090	nw.	35	nw.	14	6	8	17	6.6	0.5	0.5
Cape Henry	18	8	54	30.17	30.19	------	45.0	------	78	19	52	24	26	38	32	40	36	78	3.06	−0.4	9	11,226	sw.	48	nw.	1	8	9	14	6.2	T.	0.0
Lynchburg	681	153	188	29.44	30.21	+.07	40.2	+0.7	79	18	50	11	22	30	35	34	28	66	3.34	+0.1	6	6,217	w.	36	n.	1	11	9	11	5.0	0.0	0.0
Norfolk	91	170	205	30.12	30.22	+.09	44.4	+1.0	76	8	52	19	21	37	36	39	33	70	2.85	−0.6	8	9,686	ne.	39	ne.	31	8	10	13	5.9	0.0	0.0
Richmond	144	11	52	30.06	30.22	+.08	40.5	+0.7	76	19	49	15	22	32	42	35	30	71	3.40	+0.4	9	6,196	sw.	37	nw.	1	12	4	15	5.9	T.	0.0
Wytheville	2,304	49	55	27.76	30.22	+.07	36.6	+1.3	71	7	46	8	22	27	29	31	26	72	2.94	−0.8	8	5,748	w.	31	w.	19	10	12	9	5.4	0.5	0.5
South Atlantic States							48.9	+1.5										77	4.11	+0.7										5.8		
Asheville	2,255	70	84	27.80	30.24	+.08	40.8	+3.0	78	18	51	13	22	30	36	34	29	70	4.03	+1.0	8	6,639	nw.	33	se.	5	12	8	11	5.1	T.	0.0
Charlotte	779	55	62	29.36	30.22	+.06	44.1	+1.1	75	18	52	19	22	36	31	39	33	69	4.33	+0.5	9	4,209	sw.	26	w.	8	9	9	13	6.1	0.0	0.0
Hatteras	11	11	50	30.18	30.19	+.06	49.8	−0.3	71	8	56	30	2	44	25	47	44	82	4.63	−0.5	12	12,835	n.	42	nw.	31	11	7	13	5.6	0.0	0.0
Manteo	12	5	42	------	------	------	47.2	------	76	18	----	23	2	----	32	----	----	----	7.86	------	11	------	------	----	----	----	12	3	16	----	T.	----
Raleigh	376	103	110	29.81	30.23	+.08	44.0	+1.0	76	18	53	17	22	35	33	39	34	74	3.81	+0.6	10	6,120	sw.	28	w.	8	9	9	13	6.0	0.0	0.0
Wilmington	78	81	91	30.15	30.24	+.09	50.0	+0.9	79	18	59	24	2	41	31	46	43	82	3.32	+0.2	12	5,693	n.	29	sw.	24	12	3	16	6.0	0.0	0.0
Charleston	48	11	92	30.17	30.22	+.07	52.8	+1.1	78	17	60	28	2	45	25	48	46	83	2.93	−0.2	11	7,842	ne.	34	ne.	21	10	7	14	6.1	0.0	0.0
Columbia, S. C.	351	41	57	29.84	30.24	+.08	49.0	+1.8	79	18	58	24	2	40	34	43	39	75	6.37	+3.5	7	3,959	ne.	25	sw.	13	11	4	16	5.6	T.	0.0
Due West	711	10	55	29.45	30.24	------	44.8	------	74	17	54	20	2	36	35	----	----	----	5.81	------	9	6,403	ne.	37	w.	8	10	8	13	6.0	0.0	0.0
Greenville, S. C.	1,039	113	122	29.09	30.21	------	44.4	+2.2	75	17	52	21	2	36	29	39	34	72	5.84	------	10	4,884	sw.	38	w.	8	12	7	12	5.5	0.0	0.0
Augusta	180	62	77	30.02	30.22	+.06	50.1	+2.0	79	18	59	26	3	42	33	45	41	78	7.11	+3.7	9	3,858	nw.	25	nw.	8	8	9	14	6.0	0.0	0.0
Savannah	65	150	194	30.15	30.22	+.07	54.1	+1.7	80	17	63	30	2	46	30	48	45	80	3.44	+0.3	13	8,732	ne.	32	s.	8	12	5	14	5.9	0.0	0.0
Jacksonville	43	209	245	30.16	30.21	+.07	58.4	+2.1	79	19	66	34	2	50	26	53	51	84	1.15	−1.8	8	9,411	ne.	40	sw.	31	9	6	16	6.2	0.0	0.0
Florida Peninsula							70.6	+4.1										82	0.43	−1.5										4.6		
Key West	22	10	64	30.11	30.13	+.05	73.7	+3.4	82	13	78	58	1	69	16	69	67	86	0.56	−1.3	3	7,307	ne.	25	e.	2	15	13	3	3.6	0.0	0.0
Miami	25	71	79	30.14	30.17	------	72.2	+4.2	81	25	77	49	1	67	25	67	65	81	0.32	−1.7	5	5,881	e.	24	e.	18	9	13	9	5.2	0.0	0.0
Sand Key	23	39	72	30.11	30.14	+.06	73.4	------	82	11	75	65	1	72	10	69	67	81	0.68	------	5	11,878	e.	39	ne.	2	17	9	5	3.6	0.0	0.0
Tampa	35	79	87	30.14	30.18	+.06	65.8	+4.7	82	10	74	43	2	57	25	59	57	81	0.42	−1.6	2	4,482	ne.	24	s.	31	8	12	11	6.0	0.0	0.0
East Gulf States							50.5	+1.0										74	6.82	+2.2										6.4		
Atlanta	1,174	190	216	28.96	30.22	+.06	45.6	+0.9	73	18	54	20	26	38	25	40	35	71	6.39	+1.8	11	8,887	nw.	38	nw.	20	7	8	16	6.5	0.0	0.0
Macon	370	78	87	29.82	30.23	+.07	50.0	+2.5	78	6	59	24	3	41	37	44	39	73	8.18	+3.8	10	4,724	ne.	26	s.	8	8	4	19	6.6	T.	0.0
Thomasville	273	49	58	29.90	30.21	+.06	55.6	+3.1	79	18	65	32	2	46	31	50	46	78	6.64	+3.0	11	3,954	ne.	27	sw.	31	9	7	15	6.4	0.0	0.0
Apalachicola	36	42	49	30.15	30.19	------	56.4	------	71	31	62	36	26	50	28	53	50	85	5.25	------	11	7,249	n.	32	n.	25	7	8	16	6.3	0.0	0.0
Pensacola	56	149	185	30.13	30.19	+.0	54.8	+0.8	73	5	62	30	26	48	25	50	46	78	5.69	+1.5	12	11,581	n.	40	sw.	24	6	5	20	7.1	0.0	0.0
Anniston	741	9	57	29.43	30.24	+.0	46.0	+1.8	75	6	56	17	26	36	36	----	----	----	7.04	+2.5	9	4,815	n.	26	nw.	8	10	9	12	5.6	0.0	0.0
Birmingham	700	11	48	29.45	30.24	+.0	46.8	+0.4	77	6	55	18	26	38	32	41	34	67	6.89	+2.3	11	6,120	n.	32	se.	4	12	7	12	5.6	0.0	0.0
Mobile	57	125	161	30.13	30.19	+.01	53.6	+0.7	77	8	62	28	26	46	29	49	44	77	7.35	+2.8	12	9,169	n.	38	n.	20	5	10	16	6.6	0.0	0.0
Montgomery	223	100	112	29.97	30.22	+.0	0.6	+1.2	80	6	59	25	26	42	31	45	38	68	7.31	+2.8	12	5,734	se.	26	e.	31	8	9	14	6.5	T.	0.0
Corinth	469	6	----	------	------	------	------	------	----	----	----	----	----	----	----	----	----	----	------	------	----	------	------	----	----	----	----	----	----	----	----	----
Meridian	375	85	93	29.81	30.22	+.06	48.3	+0.6	79	16	57	19	26	40	37	43	37	70	8.38	+3.2	10	5,136	n.	25	w.	8	11	4	16	6.0	0.0	0.0
Vicksburg	247	65	73	29.94	30.23	+.08	49.0	−1.0	82	16	58	19	26	40	40	43	38	71	4.40	−0.6	10	5,847	ne.	25	s.	7	8	6	17	6.5	0.0	0.0
New Orleans	53	76	84	30.12	30.18	+.05	55.7	+0.1	81	16	63	31	21	48	34	51	48	79	6.72	+2.3	12	6,148	ne.	24	ne.	20	5	8	18	7.4	0.0	0.0
West Gulf States							48.3	−2.1										74	2.56	−0.3										6.5		
Shreveport	249	77	93	29.93	30.21	+0.8	47.8	−1.3	81	16	56	18	25	39	34	42	35	65	2.26	−2.1	9	5,810	se.	27	s.	7	13	8	10	5.3	T.	0.0
Bentonville	1,303	11	44	------	------	------	34.2	−3.3	68	12	44	1	19	24	33	----	----	----	3.68	------	9	4,076	s.	14	sw.	5	16	6	9	----	1.1	0.0
Fort Smith	457	79	94	29.70	30.20	+.07	38.4	−3.7	77	16	47	9	20	29	40	33	28	71	4.44	+1.6	9	7,063	e.	34	w.	7	11	7	13	5.5	T.	0.0
Little Rock	357	136	144	29.81	30.20	+.06	41.8	−2.4	78	17	51	9	28	32	34	37	29	63	1.88	−2.4	11	7,204	s.	42	s.	7	13	5	13	5.2	T.	0.0
Brownsville	57	53	61	30.05	30.11	------	57.9	−3.3	83	6	65	26	21	50	43	53	51	86	3.53	------	13	7,724	n.	27	sw.	7	1	11	19	7.5	T.	0.0
Corpus Christi	20	11	73	30.14	30.16	+.04	55.8	−2.2	88	7	62	23	20	50	46	51	48	82	2.67	+1.4	11	10,416	n.	44	n.	19	5	9	17	7.4	0.3	0.0
Dallas	512	109	117	29.64	30.21	------	45.6	------	79	15	55	10	19	36	50	----	----	----	1.54	------	6	6,054	nw.	32	nw.	18	11	4	16	6.1	0.2	0.0
Fort Worth	670	106	114	29.44	30.17	+.05	44.9	−2.6	80	15	54	7	19	35	36	39	35	74	1.23	0.0	2	7,190	nw.	36	w.	4	10	5	16	5.9	T.	0.0
Galveston	54	106	114	30.12	30.18	+.06	54.6	−1.8	73	16	60	28	20	49	37	50	47	82	5.33	+1.6	11	9,481	n.	34	se.	3	5	11	15	6.9	0.2	0.0
Groesbeck	461	11	56	29.69	30.18	------	47.4	------	82	7	57	12	19	38	51	----	----	----	1.39	------	8	8,949	n.	37	w.	4	10	7	14	6.1	T.	0.0
Houston	138	111	121	30.03	30.18	------	53.9	−0.5	80	18	62	22	20	46	45	----	----	----	3.77	------	12	6,254	n.	33	se.	2	4	10	17	7.2	T.	0.0
Palestine	510	64	72	29.65	30.19	+.07	48.1	−1.8	82	7	57	16	20	39	49	42	36	66	1.77	−1.9	8	6,526	n.	30	s.	7	9	8	14	6.1	0.0	0.0
Port Arthur	34	58	66	30.13	30.17	------	52.8	------	76	14	60	27	21	46	36	48	45	81	4.11	------	16	8,167	n.	29	n.	19	5	6	20	7.5	0.0	0.0
San Antonio	693	119	132	29.42	30.16	+.05	52.6	−1.1	82	7	62	21	20	44	34	47	42	71	2.31	+0.8	9	6,044	n.	31	nw.	4	5	8	18	7.3	0.0	0.0
Taylor	583	55	63	29.58	30.20	+.09	49.3	−1.3	81	7	59	16	20	40	50	----	----	----	1.11	−1.5	7	7,228	nw.	31	n.	19	5	9	17	6.7	0.1	0.0

TABLE 1.—*Climatological data for Weather Bureau stations, December, 1924*—Continued

Districts and stations	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							**34.1**	**−2.3**										**74**	**4.43**	**+1.0**										**6.6**		
Chattahooga	762	189	213	29.41	30.24	+.08	42.0	−1.3	75	17	50	16	26	34	32	37	30	65	7.71	+3.4	12	5,791	ne.	31	sw.	5	10	9	12	5.8	T.	0.0
Knoxville	996	102	111	29.15	30.24	+.08	40.2	−0.1	74	17	48	14	21	32	32	36	31	73	8.46	+4.3	10	4,920	ne.	36	sw.	5	7	12	12	5.9	T.	0.0
Memphis	399	76	97	29.79	30.23	+.08	41.8	−1.8	76	17	50	6	28	33	52	36	30	66	5.32	+0.9	10	5,908	n.	50	w.	7	14	4	13	5.0	T.	0.0
Nashville	546	168	191	29.65	30.26	+.11	39.6	−1.4	75	17	49	6	28	30	50	35	30	74	5.36	+1.5	11	7,740	s.	44	se.	8	10	6	15	5.9	T.	0.0
Lexington	989	193	230	29.13	30.24	+.10	34.0	−1.8	68	17	42	3	25	26	48				5.59	+2.3	10	10,691	sw.	48	sw.	8	10	8	13	5.9	1.8	0.0
Louisville	525	188	234	29.64	30.25	+.11	33.8	−3.8	66	17	43	−3	28	25	48	30	24	68	4.10	+0.4	11	8,657	s.	36	w.	8	9	7	15	6.2	3.7	T.
Evansville	431	139	175	29.75	30.24	+.11	33.3	−3.8	68	18	42	−10	28	25	33	50	25	72	3.80	0.0	10	8,513	sw.	31	sw.	5	10	8	13	6.2	3.3	T.
Indianapolis	822	194	230	29.29	30.21	+.09	28.2	−4.0	64	17	36	−13	28	20	42	25	22	79	5.53	+2.5	12	9,341	nw.	42	nw.	13	6	7	18	6.9	2.3	1.7
Royal Center	736	11	55	29.36	30.20		22.5		57	7	31	−25	28	14	34				5.78		15	8,520	sw.	40	nw.	13	4	7	20	7.7	6.1	4.0
Terre Haute	575	96	129	29.57	30.22		28.2		64	16	36	−16	28	20	31	26	22	80	6.67		12	7,712	s.	32	w.	8	6	10	15	6.5	5.7	1.7
Cincinnati	628	11	51	29.52	30.22	+.09	31.0	−2.4	65	17	40	−3	28	22	48		26	81	3.16	+0.2	9	6,664	sw.	38	sw.	8	8	6	17	6.6	1.8	T.
Columbus	824	179	222	29.30	30.21	+.09	29.0	−3.4	64	16	37	−3	25	21	40	26	22	76	2.35	−0.4	10	8,863	w.	56	nw.	13	5	5	21	7.6	2.0	0.7
Dayton	899	137	173	29.21	30.20		29.0	−3.6	63	16	37	−6	28	21	48	26	22	76	3.57	+1.0	13	8,288	sw.	46	nw.	13	7	7	17	6.9	2.0	0.2
Elkins	1,947	59	67	28.08	30.23	+.11	31.8	−0.9	68	18	42	0	26	22	43	28	25	81	2.69	−0.7	18	5,024	w.	31	sw.	13	4	11	16	7.1	2.3	0.0
Parkersburg	638	77	84	29.56	30.24	+.10	33.6	−1.6	72	18	42	4	28	25	37	29	24	70	2.49	−0.3	13	5,026	sw.	31	w.	13	4	8	19	7.5	0.6	0.0
Pittsburgh	842	353	410	29.26	30.20	+.09	31.4	−2.8	64	17	39	0	28	24	31	28	24	73	1.95	−0.8	13	9,492	sw.	50	w.	13	3	2	26	8.6	3.4	1.0
Lower Lake Region							**24.8**	**−4.3**										**78**	**2.83**	**−0.1**										**8.0**		
Buffalo	767	247	280	29.26	30.13	+.07	25.2	−4.6	58	8	31	2	28	19	24	23	20	81	3.49	+0.1	19	17,937	w.	80	w.	9	2	4	25	8.6	26.3	11.5
Canton	448	10	61	29.56	30.07		17.4	−5.3	58	8	26	−22	28	9	44				1.82	−1.8	13	9,253	sw.	53	w.	9	4	6	21	7.9	9.2	6.0
Oswego	335	76	91		30.12	+.06	24.3	−4.7	59	8	32	−4	21	17	27			82	1.71	−1.9	16		s.	43	nw.	14	2	2	27		22.4	6.8
Rochester	523	86	102	29.54	30.13	+.07	25.9	−3.4	62	8	32	1	28	20	28	23	18	74	2.28	−0.6	19	7,860	w.	38	w.	9	2	4	25	8.5	14.7	2.0
Syracuse	597	97	113	29.45	30.12	+.05	26.0	−2.3	60	8	33	−6	21	19	30				1.66	−1.0	16	9,996	w.	45	w.	14	2	5	24	8.4	11.3	1.0
Erie	714	130	166	29.34	30.14	+.07	27.7	−4.2	63	8	34	0	26	22	30	26	22	78	2.79	−0.3	19	13,734	sw.	53	se.	5	1	2	28	9.3	12.3	6.0
Cleveland	762	190	201	29.32	30.17	+.08	27.6	−3.6	60	8	34	−5	25	21	33	25	21	75	3.58	+1.0	18	10,741	sw.	58	w.	14	2	3	26	8.6	5.6	1.5
Sandusky	629	62	70	29.46	30.17	+.08	26.6	−4.6	59	8	33	−8	25	20	37				3.98	+1.6	13	7,232	sw.	40	nw.	13	4	3	24	7.9	4.3	1.6
Toledo	628	208	243	29.47	30.18	+.10	24.8	−5.6	58	8	32	−9	25	18	27	23	18	75	3.42	+1.1	14	12,313	sw.	54	w.	13	8	5	18	6.7	4.8	2.9
Fort Wayne	856	113	124	29.23	30.19		24.0	−3.3	57	8	32	−17	28	16	29	22	18	79	5.29		11	8,003	sw.	42	w.	13	5	9	17	7.0	3.7	1.5
Detroit	730	218	258	29.34	30.16	+.09	23.2	−6.1	56	8	29	−8	25	17	24	22	19	82	3.54	+1.2	18	9,704	sw.	43	nw.	13	3	9	19	7.6	7.4	2.8
Upper Lake Region							**17.5**	**−7.2**										**82**	**1.72**	**−0.4**										**7.5**		
Alpena	609	13	92	29.39	30.09	+.07	19.8	−5.0	45	8	26	−7	28	13	29	19	16	83	1.40	−0.8	12	9,612	sw.	43	nw.	13	4	8	19	7.4	5.9	3.1
Escanaba	612	54	60	29.42	30.12	+.09	13.6	−8.8	36	7	21	−19	28	6	27	12	10	85	0.90	−0.8	10	7,863	nw.	35	nw.	13	8	6	17	6.2	10.1	2.0
Grand Haven	632	54	89	29.42	30.14	+.09	24.2	−5.1	55	8	30	3	27	18	29	23	20	83	1.26	−1.2	21	11,779	w.	60	w.	13	2	3	26	8.9	9.0	2.8
Grand Rapids	707	70	87	29.35	30.15	+.10	23.2	−5.3	55	8	29	−2	28	17	29	21	18	80	1.66	−0.9	17	5,351	nw.	39	se.	7	0	4	27	9.2	12.5	4.5
Houghton	668	62	99	29.33	30.09	+.07	12.9	−8.9	36	12	18	−13	29	7	34				4.31	+1.8	22	8,848	w.	48	nw.	13	1	2	28	9.4	43.6	18.0
Lansing	878	11	62	29.15	30.14		21.0	−6.2	55	8	28	−9	28	14	30	20	17	83	1.97	−0.1	16	5,729	sw.	28	nw.	13	5	8	18	6.9	5.3	2.5
Ludington	637	60	66	29.39	30.12		23.0		50	8	28	1	27	18	24	21	18	81	1.62		23	11,101	w.	47	nw.	13	0	3	28	9.0	10.0	3.0
Marquette	734	77	111	29.27	30.12	+.10	14.6	−8.0	36	7	21	−17	28	8	32	12	9	82	1.53	−1.0	14	9,223	w.	32	w.	13	5	6	20	7.6	14.4	9.7
Port Huron	638	70	120	29.41	30.13	+.07	22.0	−5.6	55	8	28	−9	28	16	24	21	18	84	1.77	−0.4	19	9,682	sw.	45	nw.	13	3	10	18	7.6	9.2	4.2
Saginaw	641	69	77	29.41	30.14		21.0	−6.2	56	8	28	−8	28	14	29	20	17	83	1.82	−0.1	14	7,179	sw.	34	sw.	9	2	11	18	7.9	4.5	2.9
Sault Ste. Marie	614	11	52	29.34	30.07	+.07	13.8	−6.7	36	2	21	−11	29	7	30	12	9	82	2.75	+0.4	19	7,150	sw.	47	nw.	13	1	6	24	8.8	22.9	12.5
Chicago	823	140	310	29.25	30.18	+.10	23.4	−6.6	56	8	30	−13	28	16	33	21	16	72	1.90	−0.2	12	9,511	w.	34	w.	8	8	11	12	5.9	3.3	0.8
Green Bay	617	109	144	29.43	30.14	+.10	14.0	−8.3	37	8	21	−20	28	7	30	12	10	87	0.80	−1.0	10	9,209	sw.	52	w.	13	12	6	13	5.6	4.1	1.7
Milwaukee	681	125	139	29.38	30.16	+.10	18.4	−7.7	47	8	26	−16	28	11	35	17	13	78	1.25	−0.7	12	9,251	w.	42	e.	4	10	5	16	6.2	5.1	1.2
Duluth	1,133	5	47	28.86	30.17	+.12	3.6	−12.3	34	12	12	−28	27	−5	47	2	1	91	0.79	−0.4	9	11,676	sw.	54	w.	13	11	6	14	5.5	8.4	6.9
North Dakota							**2.9**	**−9.1**										**83**	**0.48**	**−0.1**										**6.1**		
Moorhead	940	50	58	29.16	30.25	+.17	2.0	−9.5	37	12	11	−30	28	−7	51	1	−2	81	0.37	−0.4	8	6,394	n.	28	nw.	12	10	7	14	5.7	3.0	0.8
Bismarck	1,674	8	57	28.39	30.30	+.22	5.5	−9.2	56	12	16	−29	27	−5	49	4	1	83	0.23	−0.4	7	7,233	nw.	36	n.	24	9	7	15	6.4	3.3	1.8
Devils Lake	1,478	11	44	28.54	30.24	+.18	−0.7	−8.7	38	1	9	−31	27	−10	51	−1	−4	87	0.67	+0.3	10	7,794	w.	35	n.	26	7	9	15	6.2	9.4	4.0
Ellendale	1,457	10	56	28.58	30.24		4.6		52	12	15	−28	28	−5	44				0.65		9	11,174	nw.	47	nw.	24	8	7	16	6.5	8.5	4.3
Grand Forks	835	12	89				1.0		40	1	12	−29	27	−1	52	−1			0.56		8		nw.	52	s.	1	12	2	17		3.6	3.0
Williston	1,878	41	48	28.14	30.26	+.20	4.7	−9.1	48	1	13	−31	27	−4	48	3	0	80	0.66	0.0	7	6,508	w.	31	w.	22	13	3	15	5.6	7.2	3.5
Upper Mississippi Valley							**19.4**	**−7.4**										**80**	**2.38**	**+0.6**										**6.0**		
Minneapolis	918	102	208	29.14	30.18		9.2	−10.4	45	2	17	−20	27	1	39				0.83	−0.1	8	9,100	nw.	40	nw.	26	6	13	12	5.9	10.0	6.2
St. Paul	837	236	261	29.25	30.21	+.13	8.8	−10.2	44	2	17	−23	28	1	39				1.36	+0.3	8	9,630	nw.	50	nw.	13	7	12	12	5.8	11.7	4.0
La Crosse	714	11	48	29.39	30.21	+.13	12.6	−9.7	44	2	20	−22	28	5	30				1.57	+0.2	12	4,384	w.	26	w.	13	11	5	15	5.7	10.1	2.5
Madison	974	70	78	29.08	30.20	+.12	15.0	−7.8	39	2	22	−21	28	8	31	13	10	81	1.16	−0.6	12	7,508	sw.	32	nw.	13	11	3	17	6.5	5.3	2.5
Wausau	1,247	4		28.75	30.16		10.0		36	2	17	−23	28	3	31				0.91		10		nw.				12	4	15	5.6	8.5	3.3
Charles City	1,015	10	49	29.07	30.21	+.11	11.6	−8.8	46	2	20	−21	28	4	32	10	8	86	2.06	+0.8	12	5,619	w.	24	ne.	4	11	3	17	5.8	10.4	5.6
Davenport	606	71	79	29.52	30.22	+.12	19.6	−7.5	48	12	27	−20	28	12	32	17	12	81	2.36	+0.7	13	6,212	w.	29	e.	4	12	4	15	5.7	5.6	2.0
Des Moines	861	84	97	29.26	30.22	+.11	17.7	−8.4	55	12	26	−21	28	10	30	16	13	85	1.62	+0.3	11	6,254	w.	25	sw.	2	10	5	16	6.3	4.3	1.0
Dubuque	700	81	96	29.39	30.19	+.09	16.4	−8.3	41	12	24	−19	28	9	33	14	11	80	1.31	−0.4	12	5,398	nw.	27	nw.	13	10	4	17	6.4	3.5	2.3
Keokuk	614	64	78	29.52	30.23	+.11	23.0	−6.6	60	12	32	−19	28	14	35	20	14	73	2.19	+0.3	10	6,593	w.	36	sw.	8	6	10	15	6.5	7.8	2.9
Cairo	358	87	93	29.83	30.22	+.07	35.2	−2.6	70	16	44	−3	28	26	31	31	26	70	3.76	+0.4	9	7,594	s.	33	n.	27	10	3	18	6.3	2.5	0.0
Peoria	609	11	45	29.52	30.22	+.11	21.8	−6.3	52	8	30	−24	28	13	34	20	18	89	2.40	0.0	13	5,987	s.	31	w.	8	10	9	12	5.9	6.6	3.7
Springfield, Ill	636	10	91	29.49	30.20	+.08	25.6	−6.1	56	7	33	−14	28	18	32	23	21	87	4.72	+2.3	8	6,531	s.	27	se.	4	11	7	13	5.7	1.5	0.3
Hannibal	534	74	109	29.64	30.24	+.12	25.0	−6.5	59	12	33	−16	28	16	32				3.36	+1.7	7	7,054	sw.	35	w.	8	11	6	14	5.5	3.4	4.0
St. Louis	568	265	303	29.58	30.21	+.08	30.0	−4.8	69	16	38	−8	28	22	32	26	21	72	4.63	+2.4	7	9,733	s.	40	s.	4	10	5	16	6.0	2.1	0.8
Missouri Valley							**19.5**	**−8.1**										**79**	**2.21**	**+1.2**										**6.0**		
Columbia, Mo	784	11	84	29.35	30.23	+.11	26.6	−6.6	62	15	35	−12	28	18	29				4.76	+2.8	9	6,644	se.	32	sw.	8	10	10	11	5.4	1.4	5.1
Kansas City	963	161	181	29.14	30.22	+.10	25.8	−6.7	63	15	34	−10	28	18	31	22	18	75	2.76	+1.4	9	8,496	n.	35	w.	8	11	8	12	5.3	7.1	4.1
St. Joseph	967	11	49	29.13	30.21		22.6		58	15	31	−13	28	14	29	19	17	85	2.73		9	6,915	nw.	38	nw.	8	11	9	11	5.5	5.6	3.2
Springfield, Mo	1,324	98	104	28.74	30.20	+.07	30.4	−5.8	72	16	40	−5	28	21	34	27	23	81	4.21	+1.5	7	8,379	se.	35	sw.	5	15	5	11	5.0	1.0	0.0
Iola	984	11	50	29.12	30.22	+.10	28.0	−4.5	70	12	38	−5	28	18	35				1.70	+0.8	9	5,604	n.	26	ne.	27	11	6	14	5.9	2.6	1.0
Topeka	987	92	107				24.4	−7.6	66	12	33	−9	28	16	31				2.16	+1.3	10	7,612	n.	31	nw.	8	10	9	12	5.8	5.6	2.5
Drexel	1,299	10	54	28.76	30.22		14.8		50	2	23	−19	27	7	26				1.74		9	8,841	n.	32	s.	10	10	5	16	6.2	11.3	3.0
Lincoln	1,189	11	84	28.90	30.24	+.12	18.5	−9.1	53	2	26	−15	27	11	34	16	13	82	1.98	+1.3	7	7,779	n.	33	nw.	8	7	5	19	6.7	8.5	1.2
Omaha	1,105	115	122	28.99	30.24	+.13	17.4	−9.0	51	2	25	−14	27	10	27	15	12	80	1.38	+0.5	12	6,990	nw.	33	n.	26	7	10	14	6.0	6.0	1.8
Valentine	2,598	47	54	27.37	30.25	+.15	13.7	−10.9	54	12	23	−21	19	4	38	12	10	84	1.56	+0.9	12	6,856	w.	34	s.	1	5	11	15	6.4	20.8	9.2
Sioux City	1,135	94	164	28.97	30.26	+.14	13.4	−9.7	52	12	21	−20	28	6	35	11	7	77	1.87	+1.1	9	9,513	nw.	42	nw.	8	9	9	13	5.9	18.5	3.4
Huron	1,306	59	74	28.80	30.29	+.19	10.3	−8.4	57	12	19	−21	27	2	39	8	4	76	0.69	+0.1	7	7,687	nw.	32	nw.	8	7	11	13	6.1	9.0	1.8
Pierre	1,572	70	75	28.52	30.29	+.19	12.6	−9.2	55	12	21	−17	27	4	41	11	6	74	0.95	+0.4	7	6,426	nw.	37	nw.	24	9	3	19	6.5	13.8	4.0
Yankton	1,233	49	57	28.85	30.25	+.14	12.4	−10.2	52	12	21	−20	28	4	39				2.53	+1.8	9	6,829	w.	28	nw.	23	7	6	18	6.9	29.9	5.2

TABLE 1.—*Climatological data for Weather Bureau stations, December, 1924*—Continued

Districts and stations	Elevation of instruments: Barometer above sea level	Elevation of instruments: Thermometer above ground	Elevation of instruments: Anemometer above ground	Pressure: Station, reduced to mean of 24 hours	Pressure: Sea level, reduced to mean of 24 hours	Pressure: Departure from normal	Temperature of the air: Mean max. + mean min. ÷ 2	Temperature: Departure from normal	Temperature: Maximum	Temperature: Date	Temperature: Mean maximum	Temperature: Minimum	Temperature: Date	Temperature: Mean minimum	Temperature: Greatest daily range	Mean wet thermometer	Mean temperature of the dew-point	Mean relative humidity	Precipitation: Total	Precipitation: Departure from normal	Precipitation: Days with 0.01, or more	Wind: Total movement	Wind: Prevailing direction	Wind: Maximum velocity: Miles per hour	Wind: Maximum velocity: Direction	Wind: Maximum velocity: Date	Clear days	Partly cloudy days	Cloudy days	Average cloudiness, tenths	Total snowfall	Snow, sleet, and ice on ground at end of month.
	Ft.	Ft.	Ft.	In.	In.	In.	°F.	°F.	°F		°F	°F.		°F	°F.	°F.	°F.	%	In.	In.		Miles								0-10	In.	In.
Northern Slope							13.5	−10.3										76	1.31	+0.5										6.6		
Billings	3,140	5					17.3		66	14	29	−33	18	5	63				0.82		10		nw.				12	2	17		0.0	0.0
Havre	2,505	11	44	27.48	30.28	+.23	8.8	−11.6	58	12	18	−36	18	0	45	8	6	87	1.19	+0.6	12	6.331	sw.	36	w.	12	3	5	23	7.8	11.2	10.3
Helena	4,110	87	112	25.86	30.28	+.15	13.4	−10.8	63	14	23	−30	18	4	47	11	7	77	0.61	−0.2	14	4,549	sw.	55	sw.	12	7	6	18	7.0	8.4	5.2
Kalispell	2,973	48	56	27.04	30.28	+.21	14.7	−10.2	57	13	22	−27	18	8	65	12	9	81	2.49	+0.6	13	4,255	nw.	42	n.	15	6	3	22	7.4	25.0	17.0
Miles City	2,371	48	55	27.63	30.34	+.24	11.0	−10.0	64	12	21	−43	19	1	44	9	5	76	1.05	+0.4	13	4,685	ne.	30	w.	12	9	3	19	6.7	10.0	8.6
Rapid City	3,259	50	58	26.67	30.29	+.20	15.5	−11.4	69	12	27	−25	18	4	62	12	7	70	0.95	+0.5	9	5,007	ne.	44	nw.	24	8	8	15	6.2	12.9	5.0
Cheyenne	6,088	84	101	23.93	30.13	+0.4	21.3	−7.2	60	15	31	−16	19	12	34	17	10	67	0.78	+0.5	11	2,088	w.	50	w.	25	10	6	15	6.2	8.3	1.5
Lander	5,372	60	68	24.64	30.28	+.13	11.1	−9.3	61	14	23	−40	19	−1	47	8	2	70	1.47	+0.8	9	2,859	sw.	32	nw.	14	9	11	11	5.5	16.9	6.2
Sheridan	3,790	10	47	26.15	30.25		15.8		66	12	28	−33	18	4	54	12	5	68	1.12		15	3,691	nw.	38	nw.	24	10	8	13	6.0	8.6	3.3
Yellowstone Park	6,241	11	48	23.87	30.30	+.14	10.6	−11.0	40	15	19	−34	18	2	49	9	6	81	1.46	−0.4	15	6,040	s.	39	s.	15	7	5	19	7.0	17.4	15.0
North Platte	2,821	11	51	27.18	30.28	+.18	15.2	−11.5	60	2	26	−22	19	5	37	12	9	84	1.81	+1.3	9	5,458	w.	28	n.	3	11	4	16	6.0	16.8	4.1
Middle Slope							25.7	−7.8										74	1.41	+0.6										5.5		
Denver	5,292	106	113	24.70	30.14	+.06	25.6	−6.7	69	14	36	−15	24	15	45	20	12	64	1.42	+0.8	12	4,057	s.	24	nw.	24	10	9	12	5.4	18.4	4.0
Pueblo	4,685	80	86	25.28	30.15	+.07	23.5	−8.0	73	14	38	−19	19	9	52	18	11	64	0.97	+0.5	8	4,444	nw.	28	w.	7	9	14	8	5.2	9.7	4.4
Concordia	1,392	50	58	28.68	30.23	+.11	21.7	−9.0	60	12	30	−9	24	13	30	18	15	81	1.33	+0.8	8	6,325	nw.	28	nw.	8	8	8	15	6.2	7.0	2.7
Dodge City	2,509	11	51	27.51	30.24	+.14	24.0	−8.6	67	14	36	−10	19	12	41	20	18	88	1.13	+0.6	9	7,324	nw.	37	nw.	4	12	7	12	5.5	7.1	3.2
Wichita	1,358	139	158	28.69	30.19	+0.8	27.0	−7.6	64	15	36	−6	28	18	38	23	18	74	1.21	+0.4	7	9,591	s.	36	nw.	8	10	10	11	5.5	5.6	0.9
Broken Arrow	765	11	52	29.36	30.21		32.6		73	16	42	−2	28	23	38				1.97		5	9,859	n.	37	n.	18	13	7	11	5.1	T.	0.5
Muskogee	652	4					35.2		78	16	45	1	19	25	38				3.99		7		se.				12	9	10		0.4	0.0
Oklahoma City	1,214	10	47	28.88	30.21	+.10	32.6	−6.7	73	12	42	−2	19	23	40	28	24	74	2.41	+0.7	5	7,519	n.	30	w.	4	11	6	14	5.5	T.	2.0
Southern Slope							40.4	−3.7										65	0.66	−0.2										5.0		
Abilene	1,738	10	52	28.32	30.18	+.07	42.6	−3.4	79	15	54	5	19	31	39	35	28	64	1.45	+0.3	6	7,427	s.	37	nw.	4	11	7	13	5.3	2.0	0.0
Amarillo	3,676	10	49		30.16	+.07	31.9	−5.1	71	15	45	−6	19	19	53			75	0.63	−0.2	8	8,041	sw.	42	nw.	4	9	10	12		5.7	0.3
Del Rio	944	64	71	29.14	30.15	+.05	51.1	−1.1	81	6	60	23	20	42	33				0.25	−0.6	2	6,256	se.	32	n.	19	9	4	18	6.5	0.0	0.0
Roswell	3,566	75	85	26.41	30.12	+.05	36.0	−5.2	72	16	51	1	25	21	48	28	19	56	0.31	−0.2	2	5,630	s.	39	sw.	16	17	11	3	3.3	3.4	0.0
Southern Plateau							39.6	−2.2										57	0.90	+0.3										3.9		
El Paso	3,762	110	133	26.25	30.09	+.06	42.6	−2.3	68	2	53	19	25	33	37	35	24	52	0.05	−0.5	3	8,039	nw.	50	w.	23	9	15	7	4.7	T.	0.0
Santa Fe	7,013	38	53	23.20	30.14	+.08	25.4	−5.3	52	2	36	−5	25	15	30	21	16	71	1.52	+0.8	10	4,683	ne.	28	w.	6	16	6	9	4.4	20.0	1.4
Flagstaff	6,907	10	59	23.31	30.07	+.01	25.0	−3.4	60	1	38	−16	26	12	55	20		64	3.68		9		w.	48	e.	9	19	7	5		26.5	8.0
Phoenix	1,108	10	82	28.90	30.08	+.04	52.0	0.0	80	1	64	29	28	40	37	42	32	55	1.16	+0.6	6	3,627	e.	28	s.	16	18	5	8	3.7	0.0	0.0
Yuma	141	9	54	29.94	30.09	+.04	53.0	−2.2	79	1	64	33	18	42	35	42	29	44	0.50	0.0	3	5,377	n.	35	n.	24	22	5	4	2.7	0.0	0.0
Independence	3,957	5	25	26.06	30.17	+.05	39.5	+0.2	70	12	51	10	25	28	33	30			1.26	+0.5	5						17	7	7		6.5	0.0
Middle Plateau							22.7	−7.6										74	1.67	+0.8										5.5		
Reno	4,532	74	81	25.55	30.22	+.07	30.8	−2.9	59	1	41	0	25	20	37	27	23	74	0.47	−0.7	11	3,894	w.	37	w.	2	9	13	9	5.3	3.9	0.0
Tonopah	6,090	12	20				27.0		50	15	33	−4	24	21	27	24	19	70	0.34		5		nw.								3.0	0.0
Winnemucca	4,344	18	56	25.74	30.32	+.14	17.2	−12.8	50	1	30	−27	24	5	37	16	13	81	1.85	+0.9	12	4,785	ne.	26	w.	4	6	12	13	6.3	13.9	4.0
Modena	5,479	10	43	24.66	30.22	+.10	20.2	−7.9	58	1	34	−22	25	7	43	17	12	74	1.14	+0.6	8	6,773	w.	58	sw.	16	15	10	6	3.9	10.5	1.2
Salt Lake City	4,360	163	203	25.71	30.23	+.08	24.2	−7.7	50	16	31	−8	26	17	25	22	18	75	3.35	+2.0	14	3,764	nw.	33	s.	16	8	4	19	6.3	34.1	9.4
Grand Junction	4,602	60	68	25.48	30.20	+.10	21.0	−6.5	52	16	32	−21	26	11	35	18	13	72	1.54	+1.1	12	3,357	nw.	42	s.	17	9	10	12	5.5	15.2	7.0
Northern Plateau							22.9	−8.5										82	1.70	0.0										7.3		
Baker	3,471	48	53	26.57	30.31	+.15	18.0	−9.3	49	15	27	−22	18	9	29	16	13	81	1.16	−0.4	12	4,522	se.	22	s.	15	5	8	18	7.2	15.1	5.5
Boise	2,739	78	86	27.35	30.35	+.15	21.8	−10.3	54	15	29	−18	26	14	39	20	16	77	3.02	+1.3	10	3,133	nw.	28	se.	4	6	7	18	6.8	19.4	6.5
Lewiston	757	40	48	29.42	30.27	+.14	27.4	−8.3	61	11	34	−10	24	21	30				0.85	−0.7	12	2,619	e.	18	s.	12	5	2	24	8.1	2.7	0.0
Pocatello	4,477	60	68	25.55	30.27	+.08	19.8	−7.9	52	15	28	−18	19	11	33	19	15	79	1.35	+0.5	13	7,291	se.	46	s.	16	6	4	21	7.4	15.1	3.0
Spokane	1,929	101	110	28.12	30.26	+.18	24.0	−6.5	55	11	30	−8	18	18	39	23	21	88	1.97	−0.6	10	4,219	sw.	32	se.	15	7	4	20	7.0	10.7	8.0
Walla Walla	991	57	65	29.16	30.28	+.16	26.6	−8.9	66	13	33	−4	25	20	28	24	22	84	1.88	−0.2	14	3,181	s.	22	sw.	12	8	3	20	7.2	7.9	2.7
North Pacific Coast Region							37.6	−4.7										83	6.91	−0.6										7.2		
North Head	211	11	56	29.91	30.15	+.12	39.2	−4.9	53	3	43	16	17	35	20	37	33	81	10.37	+2.9	21	12,882	e.	56	s.	1	6	3	22	7.5	1.3	0.0
Port Angeles	29	8	53		30.16		37.5		64	10	44	10	18	31	24				2.74	−2.4	15	4,905	s.	36	n.	15	7	9	15		2.5	0.0
Seattle	125	215	250	30.06	30.19	+.18	37.2	−4.5	56	11	42	12	18	33	27	35	32	81	4.63	−0.7	14	7,605	s.	68	sw.	11	9	2	20	7.0	7.3	0.0
Tacoma	194	172	201	29.96	30.17	+.16	36.6	−4.0	58	11	42	7	18	31	27				6.01	−0.9	18	6,480	s.	44	n.	15	6	3	22	7.6	4.5	0.0
Tatoosh Island	86	9	53	30.00	30.10	+.14	40.2	−3.7	52	11	43	20	16	38	18	39	36	85	14.96	+0.4	20	18,142	e.	81	e.	20	7	6	18	6.9	0.2	0.0
Yakima	1,071	5					23.9		66	12	34	−10	22	14	34				0.42		7		ne.				6	11	14	6.4	1.3	1.0
Medford	1,425	4					34.6		52	30	40	9	18	29	30	32	30	84	3.44		14		se.	28	se.	1	2	3	26			
Portland, Oreg.	153	68	106	30.04	30.21	+.14	36.6	−4.6	60	11	41	11	18	32	20	34	29	76	4.44	−2.5	15	5,198	e.	30	sw.	2	9	1	21	7.1	3.7	0.0
Roseburg	510	9	57	29.63	30.20	+.09	35.5	−6.3	57	10	40	11	25	30	17	34	33	90	5.25	−0.7	14	1,691	nw.	19	sw.	4	1	12	18	7.9	1.6	0.0
Middle Pacific Coast Region							44.8	−3.9										82	4.22	−0.3										6.1		
Eureka	62	73	89	30.10	30.17	+.05	45.5	−2.7	62	29	52	24	18	39	23	43	40	80	4.07	−3.2	18	4,226	se.	32	n.	17	8	4	19	6.7	0.0	0.0
Point Reyes	490	7	18	29.56	30.08		47.9	−2.7	64	13	52	34	18	44	17				6.24		13	12,394	s.	60	nw.	6	11	6	14	5.6	0.0	0.0
Red Bluff	332	50	56	29.83	30.20	+.06	40.2	−5.9	76	13	47	17	26	34	35	38	35	82	4.10	−0.4	12	3,577	nw.	30	nw.	23	8	7	16	6.1	11.8	0.0
Sacramento	69	106	117	30.12	30.19	+.05	42.2	−4.0	59	1	47	25	19	38	18	41	39	86	3.63	+0.1	13	4,753	n.	24	se.	8	7	7	17	6.6	0.0	0.0
San Francisco	155	208	243	29.98	30.16	+.04	47.8	−3.5	62	8	52	36	18	43	13	44	40	78	7.37	−3.1	14	5,366	nw.	38	ne.	5	12	5	14	5.5	0.0	0.0
San Jose	141	12	110	30.01	30.17		45.4	−4.5	68	13	54	22	26	37	32				1.92	−1.1	12	3,836	s.	35	se.	5	9	8	14	5.9	0.0	0.0
South Pacific Coast Region							51.8	−1.2										68	1.52	−0.6										4.9		
Fresno	327	89	98	29.82	30.19	+.06	45.4	−0.8	62	8	52	25	25	39	24	42	40	82	1.61	+0.1	9	3,475	nw.	29	nw.	2	5	10	16	6.8	0.0	0.0
Los Angeles	338	159	191	29.73	30.10	+.03	55.4	−1.2	80	12	64	36	25	47	28	46	36	56	1.10	−1.8	5	3,842	ne.	30	s.	16	16	8	7	4.1	0.0	0.0
San Diego	87	62	70	30.00	30.09	+.02	54.0	−2.0	74	12	62	36	25	46	26	48	42	70	1.34	−0.5	9	4,458	nw.	42	s.	16	14	7	10	4.6	0.0	0.0
San Luis Obispo	201	32	40	29.93	30.15	+.04	52.2	−0.8	80	13	63	30	26	42	35	44	37	64	2.04	−0.3	8	2,647	n.	19	w.	5	18	5	8	4.1	0.0	0.0
West Indies																																
San Juan, P. R.	82	9	54	29.95	30.04		76.4	+0.1	83	1	81	67	30	72	13				8.38	+2.3	27	11,768	e.	43	e.	19	7	21	3	5.0	0.0	0.0
Panama Canal																																
Balboa Heights	118	7	97	29.73	29.86	+.01	79.0	−0.9	89	22	86	69	29	72	18	74	73	91	8.31	+4.1	15	4,138	nw.	20	n.	14	0	20	11	7.0	0.0	0.0
Colon	36	7	97	29.83	29.87	+.02	80.2	+0.3	88	17	85	72	29	75	14	76	75	88	8.84	−2.2	23	8,381	n.	30	nw.	3	3	19	9	6.0	0.0	0.0
Alaska																																
Juneau	80	11	54				27.6		49	3	32	−2	14	23	22	25	18	69	4.31		14	6,737	e.	40	e.	27	13	3	15	5.6	24.4	0.6

TABLE 2.—*Data furnished by the Canadian Meteorological Service, December, 1924*

STATIONS	Altitude above mean sea level Jan. 1, 1919	PRESSURE			TEMPERATURE OF THE AIR						PRECIPITATION		
		Station reduced to mean of 24 hours	Sea level reduced to mean of 24 hours	Departure from normal	Mean max. + mean min. ÷ 2	Departure from normal	Mean maximum	Mean minimum	Highest	Lowest	Total	Departure from normal	Total snowfall
	Feet	*Inches*	*Inches*	*Inches*	*°F.*	*°F.*	*°F.*	*°F.*	*°F.*	*°F.*	*Inches*	*Inches*	*Inches*
St. Johns, N. F	125												
Sydney, C. B. I	48												
Halifax, N. S	88	29.86	29.97	+0.01	24.5	−3.1	31.4	17.7	53	−3	3.97	−1.15	8.3
Yarmouth, N. S	65	29.88	29.95	−.03	28.0	−2.7	33.8	22.3	50	0	3.23	−1.81	10.6
Charlottetown, P. E. I	38	29.88	29.92	−.02	19.7	−4.6	25.5	14.0	46	−5	1.57	−2.09	10.0
Chatham, N. B	28	29.83	29.87	−.07	13.3	−3.7	22.1	4.5	38	−16	2.18	−1.04	13.6
Father Point, Que	20	29.91	29.94	−.01	11.1	−4.3	16.2	6.1	36	13	1.52	−1.31	15.2
Quebec, Que	296	29.70	30.04	+.03	10.9	−4.3	17.1	5	40	−20	2.94	−0.75	20.1
Montreal, Que	187	29.85	30.07	+.04	15.9	−2.4	22.7	9	47	−17	3.30	−0.35	16.4
Stonecliffe, Ont	489												
Ottawa, Ont	236	29.81	30.10	+.08	15.0	−2.0	21.9	8	46	−18	1.69	−1.22	10.3
Kingston, Ont	285	29.78	30.12	+.08	20.6	−3.1	27.2	14	52	−10	2.37	−0.87	9.6
Toronto, Ont	379	29.69	30.12	+.07	23.9	−3.1	30.2	18	53	−2	2.34	−0.57	11.5
Cochrane, Ont	930				−1.0		8.2	−10.2	28	−30	1.00		10.0
White River, Ont	1,244	28.63	30.03	+.06	−0.4	−10.1	10.0	−18.0	30	−45	1.58	−0.13	15.8
Port Stanley, Ont	592												
Southampton, Ont	656	29.32			20.9	−5.8	27.0	14.9	53	1	5.37	+1.39	44.9
Parry Sound, Ont	688	29.33	30.07	+.06	14.8	−6.4	21.8	7.8	48	−15	6.52	+2.04	52.9
Port Arthur, Ont	644	29.36	30.13	+.14	3.9	−9.3	10.8	−2.9	34	−25	0.89	+0.02	8.9
Winnipeg, Man	760	29.32	30.22	+.20	−3.1	−7.2	3.8	−10.0	36	−29	0.72	−0.19	7.1
Minnedosa, Man	1,690	28.24	30.19	+.17	−5.5	−11.2	3.6	−14.5	37	−34	0.46	−0.16	4.6
Le Pas, Man	860				−9.4		−0.6	−18.2	38	−40	0.40		4.0
Qu'Appelle, Sask	2,115	27.79	30.21	+.21	−1.4	−8.8	8.4	−11.2	43	−34	1.38	+0.86	13.8
Medicine Hat, Alb	2,144												
Moose Jaw, Sask	1,759				1.9		8.7	−4.9	44	−30	1.00		10.0
Swift Current, Sask	2,392	27.56	30.27	+.28	4.6	−11.4	13.0	−3.7	48	−32	0.93	+0.15	9.3
Calgary, Alb	3,428												
Banff, Alb	4,521												
Edmonton, Alb	2,150												
Prince Albert, Sask	1,450	28.57	30.27	+.26	−3.2	−6.0	8.0	−14.3	44	−43	0.51	−0.23	4.5
Battleford, Sask	1,592	28.40	30.28	+.29	−1.4	−6.8	8.4	−11.2	45	−41	0.52	+0.20	5.2
Kamloops, B. C	1,262	28.96	30.34	+.40	15.3	−13.6	20.8	9.9	55	−21	4.18	+3.40	39.2
Victoria, B. C	230	29.89	30.15	+.18	37.6	−3.6	41.7	33.6	58	12	6.29	−1.69	0.5
Barkerville, B. C	4,180	25.64	30.14	+.26	9.8	−11.1	15.5	4.1	43	−32	3.57	+0.40	28.9
Triangle Island, B. C	680												
Prince Rupert, B. C	170												
Hamilton, Bermuda	151	30.10	30.26	+.14	66.2	+1.5	71.9	60.6	76	50	1.57	−2.92	

LATE REPORTS, NOVEMBER, 1924

St. Johns, N. F	125	29.73	29.87	−.07	38.3	+1.8	43.8	32.8	60	24	4.86	−0.71	1.0
Winnepeg, Man	760	29.13	30.02	+.07	20.0	+2.0	26.0	14.1	41	−5	1.16	+0.08	11.4
Calgary, Alb	3,428	26.37	30.07	+.09	25.6	−0.2	37.0	14.3	64	−16	1.40	+0.52	14.0
Kamloops, B. C	1,262	28.82	30.15	+.19	32.5	−0.9	37.9	27.1	54	7	0.71	−0.75	1.7
Barkerville, B. C	4,180	25.58	29.97	+.07	23.8	+0.2	30.1	17.5	44	−11	2.89	−0.40	25.5
Hamilton, Bermuda	656	29.94	30.10	+.05	68.0	−0.7	73.2	62.8	79	55	4.01	−0.37	

30808—25†——4