DESCRIPTION OF TABLES AND CHARTS.

Table I gives the data ordinarily needed for climatological studies for about 158 Weather Bureau stations making simultaneous observations at 8 a. m. and 8 p. m., seventy-fifth meridian time daily, and for about 41 others making only one observation. The altitudes of the instruments above ground are also given.

Table II gives a record of precipitation, the intensity of which at some period of the storm's continuance equaled or exceeded the following rates:

Duration (minutes)	5	10	15	20	25	30	35	40	45	50	60
Rates per hour (inches)	3.00	1.80	1.40	1.20	1.08	1.00	0.94	0.90	0.87	0.84	0.80

It is impracticable to make this table sufficiently wide to accommodate on one line the record of accumulated falls that continue at an excessive rate for several hours. In this case *the record is broken at the end of each 50 minutes,* the accumulated amounts being recorded on successive lines until the excessive rate ends.

In cases where no storm of sufficient intensity to entitle it to a place in the full table has occurred, the greatest precipitation of any single storm has been given, also the greatest hourly fall during that storm.

Table III gives, for about 30 stations of the Canadian Meteorological Service, the means of pressure and temperature, total precipitation and depth of snowfall, and the respective departures from normal values, except in the case of snowfall.

Chart I.—Hydrographs for several of the principal rivers of the United States.

Chart II.—Tracks of centers of high areas; and

Chart III.—Tracks of centers of low areas. The roman numerals show the chronological order of the centers. The figures within the circles show the days of the month; the letters *a* and *p* indicate, respectively, the observations at 8 a. m. and 8 p. m., 75th meridian time. Within each circle is also given (Chart II) the last three figures of the highest barometric reading and (Chart III) the lowest reading reported at or near the center at that time, and in both cases as reduced to sea level and standard gravity.

Chart IV.—Temperature departures. This chart presents the departures of the monthly mean temperatures from the monthly normals. The normals used in computing the departures were computed for a period of 33 years (1873 to 1905) and are published in Weather Bureau Bulletin "R," Washington, 1908. Stations whose records were too short to justify the preparation of normals in 1908, have been provided with normals as adequate records became available and all have been reduced to the 33-year interval 1873–1905. The shaded portions of the chart indicate areas of positive departures and unshaded portions indicate areas of negative departures. Generalized lines connect places having approximately equal departures of like sign. This chart of monthly temperature departures in the United States was first published in the MONTHLY WEATHER REVIEW for July, 1909.

Chart V.—Total precipitation. The scale of shades showing the depth is given on the chart. Where the monthly amounts are too small to justify shading, and over sections of the country where stations are too widely separated or the topography is too diversified to warrant reasonable accuracy in shading, the actual depths are given for a limited number of representative stations. Amounts less than 0.005 inch are indicated by the letter T, and no precipitation by 0.

Chart VI.—Percentage of clear sky between sunrise and sunset. The average cloudiness at each Weather Bureau station is determined by numerous personal observations between sunrise and sunset. The difference between the observed cloudiness and 100 is assumed to represent the percentage of clear sky, and the values thus obtained are the basis of this chart. The chart does not relate to the nighttime.

Chart VII.—Isobars and isotherms at sea level and prevailing wind directions. The pressures have been reduced to sea level and standard gravity by the method described by Prof. Frank H. Bigelow on pages 13–16 of the REVIEW for January, 1902. The pressures have also been reduced to the mean of the 24 hours by the application of a suitable correction to the mean of the 8 a. m. and 8 p. m. readings at stations taking two observations daily, and to the 8 a. m. or the 8 p. m. observations, respectively, at stations taking but a single observation. The diurnal corrections so applied will be found in the Annual Report of the Chief of the Weather Bureau, 1900–1901, volume 2, Table 27, pages 140–164.

The isotherms on the sea-level plane have been constructed by means of the data summarized in chapter 8 of volume 2, of the annual report just mentioned. The correction t_0–t, or temperature on the sea-level plane minus the station temperature as given by Table 48 of that report, is added to the observed surface temperature to obtain the adopted sea-level temperature.

The prevailing wind directions are determined from hourly observations at the great majority of the stations; a few stations having no self-recording wind direction apparatus determine the prevailing direction from the daily or twice-daily observations only.

Chart VIII.—Total snowfall. This is based on the reports from regular and cooperative observers and shows the depth in inches and tenths of the snowfall during the month. In general, the depth is shown by lines inclosing areas of equal snowfall, but in special cases figures are also given.

Chart VIII is published only when the general snow cover is sufficiently extensive to justify its preparation.

[Charts XLIII–9—XLIII–23 illustrate the paper by C. F. Brooks on the Snowfall of the eastern United States.]

TABLE I.—*Climatological data for United States Weather Bureau stations, January, 1915.*

Districts and stations.	Elevation of instruments.			Pressure in inches.			Temperature of the air, in degrees Fahrenheit.												Precipitation, inches.			Wind.										
	Barometer above sea level, feet.	Thermometer above ground.	Anemometer above ground.	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.	Maximum.	Date.	Mean maximum.	Minimum.	Date.	Mean minimum.	Greatest daily range.	Mean wet thermometer.	Mean temperature of the dew point.	Mean relative humidity, per cent.	Total.	Departure from normal.	Days with 0.01 or more.	Total movement, miles.	Prevailing direction.	Maximum velocity. Miles per hour.	Maximum velocity. Direction.	Maximum velocity. Date.	Clear days.	Partly cloudy days.	Cloudy days.	Average cloudiness, tenths.	Total snowfall.	Snow on ground at end of month.
New England.							**28.9**	**+ 4.5**										**79**	**5.55**	**+ 2.1**										**6.3**		
Eastport	76	67	85	30.02	30.11	+0.11	24.6	+ 4.5	47	19	32	− 9	30	18	41	22	18	76	5.80	+ 2.0	15	9,840	w.	51	ne.	13	7	9	15	6.8	12.2	1.0
Greenville	1,070	6	....	28.88	30.10	.....	16.4	.....	49	7	26	−18	30	6	37	....	....	....	2.22	.....	10	....	....	....	....	....	....	....	....	....	15.6	10.0
Portland, Me.	103	82	117	30.00	30.13	+ .08	26.4	+ 4.4	58	7	33	− 5	30	19	26	23	18	72	6.00	+ 2.2	14	6,164	n.	42	s.	7	14	5	12	5.4	19.0	13.4
Concord	288	70	79	29.81	30.14	+ .09	25.1	+ 3.9	57	7	34	−13	3	16	41	....	....	....	3.47	+ 0.1	10	3,245	nw.	24	nw.	24	10	7	14	5.9	13.4	10.0
Burlington	404	11	48	29.65	30.12	+ .07	21.9	+ 5.6	51	7	30	−18	30	14	30	....	....	....	1.16	− 0.7	11	9,039	s.	43	s.	7	3	12	16	6.9	8.9	4.5
Northfield	876	12	60	29.13	30.12	+ .07	18.4	+ 3.3	50	7	29	−28	30	8	43	16	14	87	2.56	+ 0.1	12	4,892	s.	31	s.	7	6	9	16	6.6	15.2	10.0
Boston	125	115	188	29.97	30.11	+ .06	33.0	+ 6.0	62	7	40	3	30	27	33	30	25	74	6.33	+ 2.5	11	7,951	nw.	42	n.	13	12	3	16	5.8	7.0	2.3
Nantucket	12	14	90	30.08	30.09	+ .05	35.6	+ 3.5	54	19	41	16	30	30	28	33	31	84	6.34	+ 2.9	17	12,860	n.	78	ne.	13	6	7	18	7.4	6.6	2.0
Block Island	26	11	46	30.06	30.09	+ .02	34.6	+ 3.2	54	19	40	13	30	30	29	33	30	82	8.25	+ 4.4	14	14,123	n.	74	ne.	12	9	7	15	6.5	4.3	1.2
Narragansett Pier	....	9	....	....	....	....	32.2	+ 3.8	53	19	39	7	31	25	29	....	....	....	8.97	.....	14	....	nw.	....	....	....	15	3	13	....	9.0	3.0
Providence	160	215	251	29.93	30.11	+ .05	31.8	+ 4.6	58	7	38	5	30	26	31	30	26	82	6.86	+ 2.5	14	9,365	nw.	60	ne.	13	13	3	15	5.7	8.8	3.5
Hartford	159	122	140	29.93	30.11	+ .04	30.6	+ 5.1	57	7	37	9	5	24	31	28	24	78	5.70	+ 1.9	13	5,024	n.	40	sw.	7	6	11	14	6.6	7.4	4.1
New Haven	106	117	155	29.98	30.10	+ .02	33.0	+ 5.7	57	7	39	11	30	27	25	29	24	73	8.59	+ 4.7	15	7,029	n.	53	ne.	13	12	4	15	6.0	8.2	3.2
Middle Atlantic States.							**34.7**	**+ 3.1**										**78**	**5.14**	**+ 1.9**										**7.0**		
Albany	97	102	115	30.02	30.13	+ .06	27.3	+ 4.8	56	7	34	− 3	30	20	33	25	22	81	2.76	+ 0.2	13	5,839	s.	33	se.	7	8	7	16	6.5	8.2	1.4
Binghamton	871	10	69	29.14	30.10	+ .02	27.8	+ 4.7	54	19	35	3	5	20	35	....	....	....	4.33	+ 2.4	15	4,435	nw.	24	sw.	19	6	7	18	7.1	13.7	1.9
New York	314	414	454	29.75	30.10	.00	34.1	+ 3.9	57	19	40	10	30	28	23	31	26	72	5.61	+ 1.8	17	13,038	nw.	84	s.	7	10	5	16	6.5	4.0	0.9
Harrisburg	374	94	104	29.72	30.14	+ .04	32.2	+ 3.5	61	19	38	11	29	26	27	28	24	75	6.04	+ 3.2	15	5,157	e.	32	s.	7	10	9	12	5.8	9.5	2.0
Philadelphia	117	123	190	29.99	30.12	+ .01	36.6	+ 4.8	61	18	43	14	30	30	23	34	30	79	6.74	+ 3.3	13	8,586	nw.	60	ne.	12	11	6	14	6.0	2.1	0.5
Reading	325	81	98	29.76	30.13	.....	33.2	.....	62	19	40	11	30	26	29	30	26	78	6.51	+ 3.0	14	5,579	nw.	37	ne.	12	7	9	15	6.4	4.0	0.4
Scranton	805	111	119	29.23	30.12	+ .03	30.2	+ 4.7	61	19	38	5	30	23	29	27	24	80	4.09	+ 1.3	14	4,790	nw.	32	sw.	19	4	9	18	7.7	8.6	2.3
Atlantic City	52	37	48	30.05	30.11	.00	35.9	+ 3.4	59	7	42	15	30	30	23	33	30	82	5.28	+ 1.9	12	6,192	nw.	45	ne.	13	9	9	13	6.1	0.3	....
Cape May	18	13	49	30.11	30.13	+ .01	36.4	+ 2.3	58	7	42	16	30	31	21	....	....	....	4.40	+ 1.0	14	6,934	n.	48	e.	12	10	8	13	5.9	1.2	....
Sandy Hook	22	10	57	30.09	30.11	.....	34.6	.....	56	19	40	14	30	30	20	33	30	86	6.44	.....	13	12,288	nw.	74	ne.	12	9	8	14	6.4	0.5	T.
Trenton	190	159	183	29.89	30.10	.....	34.0	.....	60	18	41	12	30	27	27	31	28	79	5.15	+ 2.0	15	8,803	nw.	70	ne.	12	9	9	13	6.1	2.4	0.4
Baltimore	123	100	113	29.99	30.13	+ .01	36.0	+ 2.6	58	7	42	16	30	30	21	32	28	76	6.81	+ 3.6	14	4,982	n.	43	n.	13	9	9	13	5.8	2.5	0.5
Washington	112	62	85	29.99	30.12	− .01	35.6	+ 2.7	63	18	43	18	30	28	27	32	28	76	6.34	+ 3.0	14	5,033	nw.	46	nw.	13	10	7	14	5.8	2.0	0.3
Lynchburg	681	153	188	29.34	30.11	− .02	38.4	+ 2.6	66	18	47	20	1	30	30	33	28	74	3.86	+ 0.1	13	5,035	nw.	40	nw.	13	9	9	13	6.3	2.2	1.2
Norfolk	91	170	205	30.02	30.12	− .01	42.2	+ 1.8	66	6	50	25	2	35	29	39	35	77	5.66	+ 2.3	13	10,300	n.	64	nw.	13	9	8	14	5.8	T.	....
Richmond	144	11	52	29.97	30.13	.00	39.4	+ 1.4	65	18	47	23	22	32	28	35	31	79	5.41	+ 2.4	12	5,893	nw.	49	nw.	13	5	13	14	5.3	0.2	....
Wytheville	2,293	40	47	27.65	30.12	− .02	33.2	+ 0.2	63	18	41	10	22	25	30	30	27	83	3.21	− 1.1	12	4,155	w.	26	w.	19	10	5	16	5.9	4.6	1.0
South Atlantic States.							**45.5**	**+ 1.3**										**77**	**5.62**	**+ 1.7**										**7.8**		
Asheville	2,255	70	84	27.69	30.13	− .02	37.0	+ 1.6	60	15	45	19	20	29	31	33	29	79	3.41	− 1.3	15	6,707	nw.	35	nw.	13	8	10	13	6.0	0.8	....
Charlotte	773	68	76	29.25	30.11	− .04	41.6	+ 1.2	62	18	50	23	21	34	26	36	31	73	5.67	+ 1.4	8	5,166	ne.	40	sw.	6	7	10	14	6.2	T.	....
Hatteras	11	12	50	30.09	30.10	− .04	48.1	+ 2.3	70	18	54	31	2	42	25	44	41	81	6.05	+ 1.1	11	13,244	n.	56	w.	13	11	6	14	5.5	....	....
Manteo	12	4	46	....	....	....	44.4	.....	68	17	54	22	11	35	....	....	....	....	6.88	+ 2.2	6	.....	ne.	....	....	....	16	5	10	....	....	....
Raleigh	376	103	110	29.70	30.12	− .01	42.2	+ 1.8	66	6	50	23	22	34	27	36	32	74	5.06	+ 1.5	9	6,054	ne.	33	w.	6	12	6	13	5.5	T.	....
Wilmington	78	81	91	30.03	30.12	− .02	47.6	+ 2.0	69	23	56	27	22	39	29	42	38	76	8.41	+ 4.9	9	6,120	w.	30	s.	6	14	7	10	5.1	....	....
Charleston	48	11	92	30.05	30.10	− .05	49.7	+ 0.4	67	31	57	32	21	43	24	45	42	80	7.44	+ 4.0	12	7,559	ne.	30	sw.	18	12	3	16	5.9	....	....
Columbia, S. C.	351	41	57	29.72	30.12	− .03	45.4	+ 0.3	65	6	54	27	21	36	28	40	35	73	6.02	+ 2.7	10	5,108	ne.	32	sw.	20	13	4	14	5.4	....	....
Augusta	180	89	97	29.92	30.12	− .04	46.4	+ 0.5	70	31	56	28	21	37	31	41	38	80	5.21	+ 1.1	7	4,465	ne.	29	w.	20	9	6	16	6.4	....	....
Savannah	65	150	194	30.03	30.10	− .05	51.2	+ 1.3	70	23	59	32	21	44	24	46	42	79	3.58	+ 0.4	9	7,903	ne.	42	w.	12	10	5	16	6.3	....	....
Jacksonville	43	96	129	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	4.10	+ 1.0	9	.....	ne.	....	....	....	8	8	15	6.2	....	....
Florida Peninsula.							**63.7**	**0.0**										**80**	**5.39**	**+ 2.7**										**6.8**		
Key West	22	10	64	30.00	30.02	− .08	69.5	+ 0.7	82	18	74	53	14	65	15	64	62	82	7.65	+ 5.7	14	9,723	ne.	44	nw.	12	9	9	13	6.0	....	....
Miami	25	71	79	30.03	30.06	.....	67.0	− 0.3	78	6	72	45	13	62	20	62	60	79	3.64	+ 0.2	14	8,846	nw.	35	w.	12	4	5	2	8.2	....	....
Sand Key	23	39	72	29.98	30.01	− .09	70.0	.....	79	6	73	59	14	67	13	67	65	85	7.49	.....	12	15,546	ne.	50	w.	11	9	9	13	6.3	....	....
Tampa	35	79	96	30.04	30.08	− .04	59.0	+ 1.6	78	31	67	41	2	51	27	53	49	76	4.89	+ 2.1	9	5,815	ne.	30	sw.	18	7	3	21	7.0	....	....
Titusville	44	6	....	30.07	30.06	.....	59.3	− 1.8	77	24	67	38	13	52	28	....	....	....	4.47	.....	15	.....	n.	....	....	....	8	7	16	6.7	....	....
East Gulf States.							**46.7**	**− 0.7**										**76**	**7.14**	**+ 2.1**										**5.8**		
Atlanta	1,174	190	216	28.84	30.10	− .05	41.9	− 0.3	64	15	49	22	21	35	29	38	32	72	6.19	+ 0.9	10	9,122	nw.	44	nw.	12	11	5	15	6.0	T.	....
Macon	370	78	87	29.70	30.10	− .06	45.7	+ 0.1	73	31	55	27	29	36	35	41	37	79	5.54	+ 0.4	9	4,500	nw.	28	nw.	12	13	4	14	5.6	....	....
Thomasville	273	8	57	29.79	30.10	− .06	51.0	0.0	75	31	61	29	2	41	35	45	42	83	9.70	+ 5.6	9	4,238	nw.	38	sw.	18	12	4	15	5.5	....	....
Pensacola	56	140	182	30.03	30.09	− .05	51.0	− 1.3	67	6	58	32	26	44	27	46	42	76	8.31	+ 4.3	10	10,939	ne.	48	se.	31	9	9	13	6.1	....	....
Anniston	741	9	57	29.31	30.12	− .04	42.4	+ 0.2	67	31	52	22	21	33	30	....	....	....	4.61	− 0.7	12	5,134	se.	29	se.	10	10	7	14	5.9	T.	....
Birmingham	700	11	48	29.33	30.12	− .04	42.8	− 2.5	66	31	51	22	26	35	27	37	32	70	6.44	+ 1.1	10	5,845	nw.	37	se.	11	9	8	14	6.1	T.	....
Mobile	57	125	161	30.02	30.08	− .07	49.6	− 0.2	73	6	58	31	25	41	26	44	40	75	7.54	+ 2.7	9	7,895	n.	43	se.	31	9	10	12	5.4	....	....
Montgomery	223	100	112	29.86	30.11	− .05	46.4	− 1.3	71	31	55	30	26	38	32	41	35	70	8.95	+ 3.8	11	5,212	nw.	27	nw.	12	8	10	13	5.9	T.	....
Meridian	375	85	93	29.69	30.10	− .06	44.8	− 0.2	67	6	54	24	25	36	29	40	35	75	6.77	+ 1.2	12	4,427	ne.	32	se.	10	9	11	11	6.0	0.5	....
Vicksburg	247	65	74	29.81	30.10	− .05	46.3	− 0.7	68	31	54	23	25	38	26	41	36	75	6.06	+ 0.4	15	6,039	se.	35	w.	31	10	7	14	5.9	0.1	....
New Orleans	51	90	121	30.02	30.08	− .05	51.8	− 1.2	74	16	60	31	25	44	29	47	44	80	8.42	+ 3.8	8	6,987	nw.	51	se.	31	10	5	16	5.7	....	....
West Gulf States.							**48.1**	**− 0.1**										**74**	**2.60**	**− 0.3**										**5.8**		
Shreveport	249	77	93	29.81	30.09	− .05	45.2	− 0.1	68	14	54	24	25	36	33	40	35	73	4.22	− 0.2	13	5,774	se.	29	w.	31	10	5	16	5.9	3.0	....
Bentonville	1,303	11	44	28.63	30.04	− .10	35.0	+ 0.9	64	15	45	6	23	26	36	....	....	....	2.12	− 0.5	11	4,523	se.	26	s.	15	9	6	16	6.3	1.7	....
Fort Smith	457	79	94	29.56	30.06	− .08	38.6	+ 0.3	70	15	47	14	23	30	34	34	29	74	2.66	+ 0.2	10	7,296	e.	40	w.	16	8	4	19	6.7	3.9	....
Little Rock	357	139	147	29.70	30.09	− .06	40.2	− 0.4	65	15	48	17	24	32	32	36	32	74	4.62	− 0.2	10	6,742	e.	34	w.	31	9	9	13	6.1	7.0	....
Brownsville	37	3	40	....	....	.....	58.8	.....	76	30	68	30	25	50	34	....	....	....	3.35	.....	7	.....	s.	....	....	....	....	....	....	....	....	....
Corpus Christi	20	69	77	30.01	30.06	− .04	54.4	+ 0.9	74	31	62	31	24	47	31	50	47	82	1.36	− 0.9	9	7,770	n.	40	n.	23	5	11	15	6.7	....	....
Dallas	512	109	117	29.51	30.07	.....	45.0	.....	68	30	55	20	23	36	36	....	....	....	2.17	.....	11	7,701	se.	34	se.	30	11	9	11	5.3	0.8	....
Fort Worth	670	106	114	29.31	30.04	− .08	45.4	+ 1.1	72	30	55	21	23	36	35	39	33	67	1.32	+ 0.4	10	8,375	s.	40	w.	30	13	6	12	5.3	0.1	....
Galveston	54	106	114	30.02	30.08	− .05	51.2	− 1.5	65	31	56	31	24	47	21	48	45	83	4.52	+ 0.9	14	8,881	e.	64	s.	31	11	7	13	5.5	....	....
Houston	138	111	121	29.92	30.07	.....	51.3	− 1.6	74	14	60	28	24	43	33	....	....	....	2.22	.....	11	6,546	se.	31	se.	15	9	10	12	5.9	....	....
Palestine	510	64	72	29.51	30.06	− .06	47.3	+ 0.8	71	15	56	24	23	38	33	42	38	78	3.04	− 0.8	11	5,296	s.	34	s.	15	12	6	13	5.4	0.5	....
San Antonio	701	109	132	29.32	30.06	− .04	50.6	− 0.5	76	14	61	27	18	40	34	44	37	65	0.53	− 1.2	10	6,874	ne.	35	ne.	23	12	6	13	5.3	....	....
Taylor	582	55	63	29.48	30.10	− .01	47.4	− 0.1	71	15	58	24	18	37	34	....	....	....	1.66	− 1.2	11	6,989	s.	34	se.	15	9	14	8	5.3	1.3	....

TABLE I.—*Climatological date for United States Weather Bureau stations, January, 1915*—Continued.

Districts and stations.	Elevation of instruments.			Pressure in inches.			Temperature of the air, in degrees Fahrenheit.									Mean wet thermometer.	Mean temperature of the dew point.	Mean relative humidity, per cent.	Precipitation, inches.			Wind.					Clear days.	Partly cloudy days.	Cloudy days.	Average cloudiness, tenths.	Total snowfall.	Snow on ground at end of month.
	Barometer above sea level, feet.	Thermometer above ground.	Anemometer above ground.	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.	Maximum.	Date.	Mean maximum.	Minimum.	Date.	Mean minimum.	Greatest daily range.				Total.	Departure from normal.	Days with 0.01 or more.	Total movement, miles.	Prevailing direction.	Maximum velocity. Miles per hour.	Maximum velocity. Direction.	Maximum velocity. Date.						
Ohio Valley and Tennessee.							**32.7**	**− 0.5**										**79**	**4.67**	**+ 0.8**									**7.2**		
Chattanooga	762	189	213	29.30	30.13	− .03	40.6	− 0.0	62	16	48	22	21	33	26	35	30	69	5.73	+ 0.2	13	6,014	nw.	46	w.	18	6	5	20	6.8	0.4	....
Knoxville	996	93	100	29.02	30.10	− .05	38.8	+ 1.3	67	31	46	22	1	31	30	35	31	76	4.18	− 0.8	12	3,781	ne.	25	s.	31	5	8	18	7.2	1.0	....
Memphis	399	76	97	29.68	30.12	− .04	39.4	− 0.9	65	15	46	17	24	33	27	35	30	69	5.69	+ 0.5	12	6,552	n.	38	w.	6	9	4	18	6.7	3.6	....
Nashville	546	168	191	29.53	30.13	− .03	36.2	− 1.8	63	31	44	16	24	28	28	33	30	80	5.89	+ 1.0	15	7,148	nw.	46	se.	31	6	4	21	7.3	2.5	....
Lexington	989	75	102	29.18	30.11	− .02	32.0	− 1.0	59	16	39	8	24	25	27	....	....	....	4.38	+ 0.6	16	7,597	w.	36	se.	22	5	11	15	6.9	7.3	T.
Louisville	525	219	255	29.52	30.12	− .02	31.9	− 2.4	58	16	39	4	24	24	28	30	28	86	4.98	+ 1.1	13	8,258	se.	36	sw.	1	4	7	20	7.6	7.0	T.
Evansville	431	72	82	29.62	30.11	− .03	31.5	− 0.8	56	16	39	4	24	24	23	28	25	80	6.65	+ 3.0	11	5,682	nw.	30	s.	16	7	6	18	6.9	17.2	....
Indianapolis	822	154	164	29.18	30.10	− .02	26.8	− 1.4	53	16	34	− 7	24	19	25	24	21	82	3.31	+ 0.5	12	7,236	sw.	35	sw.	6	4	10	17	7.5	17.6	6.1
Terra Haute	575	96	129	29.45	30.06	.....	26.8	.....	52	16	34	−15	24	19	33	24	21	82	3.14	.....	9	7,040	s.	31	s.	16	5	11	15	6.9	12.8	0.5
Cincinnati	628	152	160	29.41	30.11	− .01	31.4	− 0.9	58	16	39	2	24	24	28	29	25	81	3.85	+ 0.5	13	5,209	se.	30	w.	6	6	10	15	6.8	13.9	3.5
Columbus	824	173	222	29.19	30.10	− .01	27.8	− 0.8	51	16	35	− 2	24	21	30	25	21	78	3.30	+ 0.4	16	8,042	se.	36	nw.	12	2	11	18	7.6	17.8	5.0
Dayton	899	181	216	29.09	30.08	.....	27.6	− 1.3	54	16	35	− 6	24	20	30	25	22	82	3.88	+ 0.9	16	7,168	sw.	35	w.	2	9	12	10	5.8	22.0	7.1
Pittsburgh	842	353	410	29.16	30.10	− .01	30.6	− 0.1	55	17	38	4	29	23	26	28	24	77	4.66	+ 1.8	18	8,156	nw.	48	w.	2	5	6	20	7.7	14.6	3.0
Elkins	1,940	41	50	27.98	30.12	.00	31.8	+ 2.8	59	18	41	9	22	23	38	28	26	83	5.14	+ 1.8	18	3,213	w.	26	w.	18	3	7	21	8.1	13.2	T.
Parkersburg	638	77	84	29.44	30.11	− .01	31.9	+ 0.6	60	17	40	2	29	24	29	28	25	80	3.68	+ 0.5	15	4,347	se.	28	nw.	2	5	7	19	7.4	8.0	1.3
Lower Lake Region.							**24.6**	**+ 0.3**										**81**	**3.25**	**+ 0.6**									**7.4**		
Buffalo	767	247	280	29.21	30.08	+ .01	25.3	+ 0.6	50	6	31	0	30	20	30	23	21	83	5.02	+ 1.7	18	13,138	sw.	80	sw.	7	4	4	23	8.0	28.9	14.0
Canton	448	10	61	29.59	30.09	.....	19.4	+ 3.1	51	7	28	−31	30	11	37	....	....	....	3.05	− 0.1	12	8,054	sw.	56	sw.	19	4	8	19	7.5	13.2	9.0
Oswego	335	76	91	29.71	30.09	+ .02	25.3	+ 1.4	47	7	31	− 4	30	19	26	24	21	85	3.65	+ 0.5	19	8,788	s.	36	ne.	13	3	3	25	8.2	22.2	14.0
Rochester	523	97	113	29.51	30.10	+ .03	25.6	+ 1.6	49	6	32	1	30	20	26	23	19	75	3.57	+ 0.4	17	7,011	sw.	38	sw.	7	7	4	20	7.3	22.9	10.0
Syracuse	597	97	113	29.44	30.11	+ .04	25.7	+ 2.7	51	7	32	− 1	30	19	29	23	20	78	4.69	+ 2.6	15	8,968	s.	46	s.	17	5	6	20	7.3	19.5	4.5
Erie	714	92	102	29.28	30.08	+ .01	26.6	+ 0.1	49	17	33	− 4	30	20	25	24	19	76	2.43	− 0.6	17	8,143	w.	36	s.	31	5	10	16	7.0	12.7	2.5
Cleveland	762	190	201	29.24	30.09	.00	26.0	− 0.2	50	17	33	0	30	20	31	23	20	77	2.52	+ 0.1	17	10,200	se.	48	n.	12	4	11	16	7.4	17.1	1.8
Sandusky	629	62	103	29.38	30.10	+ .01	25.0	− 1.3	51	17	32	− 4	24	18	29	23	20	82	2.41	+ 0.3	14	8,856	w.	44	sw.	7	7	6	18	6.8	15.3	7.0
Toledo	628	208	246	29.38	30.09	.00	24.4	− 1.2	49	17	32	− 4	24	17	24	22	19	83	2.43	+ 0.5	12	10,071	sw.	51	sw.	7	7	9	15	6.4	12.6	6.0
Fort Wayne	856	113	124	29.13	30.09	.....	23.6	− 3.3	50	17	31	− 8	24	16	29	22	20	84	2.62	.....	11	6,599	sw.	36	sw.	7	3	7	21	7.8	20.2	3.3
Detroit	730	218	245	29.26	30.08	.00	23.4	− 0.9	46	17	30	0	29	17	21	21	19	84	2.69	+ 0.7	13	8,620	w.	50	w.	7	4	10	17	7.3	13.1	4.0
Upper Lake Region.							**18.2**	**0.0**										**83**	**1.72**	**− 0.2**									**7.5**		
Alpena	609	13	92	29.35	30.05	+ .01	20.1	+ 1.4	39	17	26	− 9	28	14	26	18	16	83	1.46	− 0.7	12	9,000	nw.	39	nw.	2	2	10	19	7.7	8.1	2.4
Escanaba	612	54	60	29.33	30.03	− .02	15.2	+ 0.7	36	17	22	−23	28	8	36	15	12	86	2.98	+ 1.4	16	6,661	nw.	32	ne.	31	5	9	17	7.1	25.0	8.0
Grand Haven	632	54	92	29.34	30.06	− .01	23.5	− 1.0	45	16	29	0	28	18	20	22	18	80	1.89	− 0.9	10	8,927	w.	43	sw.	17	1	11	19	8.2	9.4	4.5
Grand Rapids	707	70	87	29.26	30.07	+ .01	23.3	− 0.5	43	16	29	− 1	28	18	20	21	18	80	1.57	− 1.2	13	5,149	se.	26	w.	7	0	10	21	8.3	6.0	3.0
Houghton	684	62	72	29.23	30.00	− .05	13.7	− 0.8	40	5	22	−31	28	6	36	....	....	....	3.22	+ 1.2	18	5,513	e.	35	n.	17	3	3	25	8.3	33.6	27.0
Lansing	878	11	62	29.09	30.06	.....	20.4	− 1.6	42	17	28	−13	30	13	31	18	16	86	1.54	− 0.6	15	4,923	sw.	27	sw.	7	2	7	22	7.9	6.5	3.0
Ludington	637	60	66	29.31	30.03	.....	22.6	.....	44	16	28	− 6	28	17	20	21	19	86	1.69	.....	15	9,163	se.	39	sw.	17	1	4	26	8.9	7.2	5.7
Marquette	734	77	111	29.19	30.03	− .01	16.3	+ 0.4	39	5	23	−17	28	9	24	14	11	81	2.41	+ 0.4	15	8,288	w.	47	s.	13	6	6	19	7.5	26.0	14.3
Port Huron	638	70	120	29.35	30.08	+ .02	20.8	− 1.0	44	17	28	−10	30	14	27	20	17	83	1.13	− 0.8	13	8,178	w.	38	nw.	2	4	10	17	7.2	9.8	8.9
Saginaw	641	48	82	29.35	30.08	.....	20.1	.....	41	17	27	−10	30	13	25	19	17	88	1.79	− 0.5	12	7,145	s.	37	sw.	7	4	7	20	7.6	6.9	4.8
Sault Ste. Marie	614	11	61	29.32	30.05	+ .02	14.6	+ 1.3	36	6	22	−18	28	7	33	13	11	81	1.37	− 0.8	12	6,107	se.	31	se.	13	6	4	21	7.6	12.3	15.8
Chicago	823	140	310	29.15	30.08	− .02	24.1	+ 0.4	47	16	30	− 8	28	18	23	22	18	76	1.99	0.0	10	9,015	sw.	38	w.	17	7	7	17	6.7	6.5	3.8
Green Bay	617	109	144	29.34	30.04	− .02	16.0	+ 1.4	39	16	23	−21	28	9	29	14	10	77	1.29	− 0.4	12	8,239	sw.	44	ne.	31	4	7	20	7.9	5.8	4.0
Milwaukee	681	119	133	29.28	30.04	− .04	19.8	0.0	43	16	27	−15	28	13	30	18	16	84	1.89	− 0.1	8	8,013	w.	39	se.	30	8	10	13	6.4	7.4	2.5
Duluth	1,133	11	47	28.74	30.03	− .06	9.2	− 1.2	37	5	17	−28	28	2	23	8	6	90	1.84	+ 0.9	11	10,001	sw.	58	nw.	17	9	8	14	5.9	17.4	5.4
North Dakota.							**6.3**	**+ 2.2**										**84**	**0.23**	**− 0.4**									**5.9**		
Moorhead	940	8	57	29.01	30.10	− .04	4.9	+ 2.2	34	4	14	−31	27	−5	36	3	1	86	0.35	− 0.4	8	6,599	n.	30	nw.	19	15	7	9	4.6	3.5	5.6
Bismarck	1,674	8	57	28.21	30.10	− .03	9.2	+ 2.5	40	12	19	−35	27	0	35	7	3	81	0.08	− 0.5	5	6,220	nw.	34	n.	19	7	9	15	6.4	1.7	5.2
Devils Lake	1,482	11	44	28.37	30.04	− .08	2.6	+ 2.3	32	4	12	−38	27	−6	30	2	0	89	0.11	− 0.5	4	6,831	nw.	35	n.	19	6	9	16	6.5	1.6	2.9
Williston	1,872	40	47	27.96	30.04	− .07	8.5	+ 2.0	36	18	18	−40	27	−1	34	7	3	81	0.38	− 0.2	4	4,014	sw.	32	nw.	12	9	5	17	6.2	3.4	2.5
Upper Mississippi Valley.							**20.8**	**− 0.7**										**83**	**2.08**	**+ 0.4**									**6.3**		
Minneapolis	918	10	208	28.99	30.02	.....	12.6	.....	41	5	20	−24	28	5	29	....	....	....	1.37	+ 0.7	10	9,051	s.	37	nw.	16	10	7	14	6.0	16.4	9.4
St. Paul	837	201	236	29.08	30.04	− .07	12.4	+ 0.8	40	5	20	−31	28	5	35	....	....	....	1.19	+ 0.3	10	9,146	nw.	39	n.	16	10	8	13	6.3	11.7	9.0
La Crosse	714	11	48	29.24	30.05	− .06	15.0	− 0.2	41	13	23	−28	28	7	31	....	....	....	1.63	+ 0.6	11	4,235	s.	18	w.	7	6	5	20	7.4	9.1	3.5
Madison	974	70	78	28.96	30.07	− .03	15.4	− 1.1	40	16	23	−23	28	8	33	14	12	85	2.05	+ 0.5	9	7,101	nw.	36	sw.	16	7	4	20	7.0	5.7	5.5
Charles City	1,015	10	49	28.92	30.05	− .09	13.4	+ 2.0	41	13	22	−29	28	5	31	13	11	88	1.60	+ 0.6	12	5,652	nw.	24	nw.	1	5	17	9	5.9	7.0	3.0
Davenport	606	71	79	29.38	30.08	− .04	19.0	− 1.8	49	16	27	−18	28	11	31	18	16	86	2.11	+ 0.5	11	5,732	nw.	34	sw.	16	9	9	13	5.8	6.9	1.5
Des Moines	861	84	97	29.09	30.04	− .10	20.8	+ 0.4	46	13	28	−18	28	13	29	19	15	78	1.96	+ 0.8	12	5,764	nw.	26	nw.	6	10	7	14	5.8	8.0	3.8
Dubuque	698	81	96	29.29	30.09	− .03	17.2	− 1.1	43	16	25	−22	28	9	30	16	13	85	2.01	+ 0.5	12	4,773	s.	27	s.	16	9	9	13	6.3	5.0	4.4
Keokuk	614	64	78	29.38	30.09	− .05	23.2	− 0.5	50	16	32	−16	28	15	34	21	19	84	0.90	− 0.8	11	4,842	nw.	27	nw.	6	11	10	10	5.2	6.2	T.
Cairo	358	87	93	29.69	30.09	− .07	34.1	− 0.7	57	15	41	10	24	27	24	31	26	75	4.85	+ 1.0	9	6,928	nw.	30	se.	16	6	11	14	6.5	4.5	....
Peoria	609	11	45	29.40	30.09	− .03	21.0	− 2.1	51	16	29	−18	28	13	32	20	18	88	1.89	− 0.3	10	5,448	s.	32	sw.	16	6	8	17	6.8	8.4	2.0
Springfield, Ill.	644	10	91	29.37	30.08	− .05	24.7	− 1.6	53	16	32	−12	28	18	25	23	20	83	2.11	− 0.1	12	6,626	w.	27	sw.	16	9	5	17	6.6	11.2	2.2
Hannibal	534	74	109	29.48	30.08	− .05	24.8	− 1.9	60	16	33	−16	24	16	37	....	....	....	2.58	+ 0.4	12	6,199	sw.	40	sw.	16	8	9	14	6.2	16.4	2.5
St. Louis	567	265	303	29.45	30.08	− .06	29.6	− 1.4	59	16	37	− 4	28	22	27	27	22	77	2.83	+ 0.6	12	10,046	s.	43	sw.	16	9	7	15	6.2	11.6	T.
Missouri Valley.							**22.6**	**+ 1.6**										**82**	**1.52**	**+ 0.5**									**5.7**		
Columbia, Mo.	781	11	84	29.18	30.05	− .08	27.2	0.0	61	15	36	−13	28	18	36	....	....	....	2.10	− 0.1	10	6,305	se.	36	sw.	16	9	8	14	5.9	5.1	....
Kansas City	963	161	181	28.98	30.05	− .10	28.6	+ 2.4	62	15	36	−10	28	21	31	25	21	75	2.53	+ 1.4	11	9,019	nw.	49	nw.	19	11	8	12	5.4	5.5	....
St. Joseph	967	11	49	28.98	30.06	.....	25.6	.....	58	15	33	−12	28	18	29	23	20	81	2.07	.....	10	6,685	nw.	38	w.	16	10	10	11	5.6	7.2	T.
Springfield, Mo.	1,324	98	104	28.61	30.05	− .09	32.2	+ 0.9	60	15	40	3	23	24	36	29	26	81	2.35	− 0.3	10	8,358	se.	38	nw.	19	15	2	14	5.1	2.8	....
Iola	984	11	50	28.96	30.05	− .09	30.4	+ 2.8	62	15	40	− 4	23	20	33	....	....	....	2.14	+ 1.2	8	5,605	nw.	28	nw.	19	10	8	13	5.6	3.1	....
Topeka	983	85	101	.....	.....	.....	27.8	+ 2.2	57	15	36	− 9	28	20	31	....	....	....	1.23	+ 0.3	8	7,043	s.	37	n.	19	11	11	9	5.2	6.9	T.
Lincoln	1,189	11	84	28.73	30.05	− .10	21.9	+ 0.7	48	13	30	−22	28	14	38	20	18	85	1.78	+ 1.2	12	7,920	s.	46	nw.	19	12	9	10	5.3	23.0	7.8
Omaha	1,105	115	121	28.82	30.06	− .09	21.6	+ 1.1	47	13	28	−13	28	15	23	20	17	83	1.87	+ 1.2	11	7,011	nw.	39	nw.	16	8	9	14	5.9	12.4	3.0
Valentine	2,598	47	54	27.22	30.07	− .05	16.4	− 1.8	48	12	28	−22	23	5	45	15	13	87	0.57	0.0	9	7,020	nw.	36	nw.	19	10	5	16	5.9	6.0	4.5
Sioux City	1,135	94	164	28.78	30.05	− .10	18.6	+ 3.0	44	13	26	−16	28	11	28	17	15	85	1.06	+ 0.5	11	10,038	nw.	47	nw.	16	10	11	10	5.2	7.1	4.6
Huron	1,306	59	74	28.62	30.09	− .04	13.0	+ 3.5	43	13	22	−24	27	4	32	11	8	79	0.45	− 0.1	6	8,596	nw.	36	nw.	16	11	9	11	5.5	5.2	3.8
Pierre	1,572	70	75	28.36	30.11	− .05	15.6	+ 1.7	51	12	26	−20	27	6	36	13	10	82	0.73	+ 0.3	5	6,858	nw.	38	nw.	19	8	9	14	6.2	8.8	7.6
Yankton	1,233	49	57	28.68	30.06	− .10	18.0	+ 2.5	46	9	26	−18	27	10	33	....	....	....	1.42	+ 0.9	9	6,591	nw.	31	n.	19	5	11	15	6.9	9.7	9.0

TABLE I.—*Climatological data for United States Weather Bureau stations, January, 1915*—Continued.

Districts and stations.	Elevation of instruments.			Pressure in inches.			Temperature of the air, in degrees Fahrenheit.												Precipitation, inches.			Wind.										
	Barometer above sea level, feet.	Thermometer above ground.	Anemometer above ground.	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.	Maximum.	Date.	Mean maximum.	Minimum.	Date.	Mean minimum.	Greatest daily range.	Mean wet thermometer.	Mean temperature of the dew point.	Mean relative humidity, per cent.	Total.	Departure from normal.	Days with 0.01 or more.	Total movement, miles.	Prevailing direction.	Maximum velocity. Miles per hour.	Maximum velocity. Direction.	Maximum velocity. Date.	Clear days.	Partly cloudy days.	Cloudy days.	Average cloudiness, tenths.	Total snowfall.	Snow on ground at end of month.
Northern Slope.							19.7	+ 0.7										75	0.72	− 0.6										5.8		
Havre	2,505	11	44	27.28	30.05	− .05	11.4	− 2.1	41	11	21	−29	27	2	41	11	9	89	0.67	0.0	8	5,093	w.	32	sw.	11	10	5	16	5.9	7.6	3.3
Helena	4,110	87	114	25.72	30.06	− .09	23.6	+ 3.6	46	19	32	−10	27	16	24	20	15	71	0.37	− 0.6	4	5,582	sw.	38	w.	19	6	12	13	6.2	5.9	2.9
Kalispell	2,962	11	34	26.91	30.10	− .02	20.2	+ 0.6	40	12	28	− 6	28	12	22	19	16	83	1.19	− 0.4	9	2,139	w.	20	sw.	12	2	12	17	7.6	11.9	9.3
Miles City	2,371	26	48	27.44	30.11	− .01	17.6	+ 3.1	47	4	28	−30	27	8	31	14	11	79	1.03	+ 0.4	8	3,241	n.	22	sw.	13	10	13	8	4.8	9.1	6.3
Rapid City	3,259	50	58	26.52	30.09	− .01	20.6	− 0.9	57	12	31	−20	22	10	42	18	12	72	1.15	+ 0.7	11	6,305	w.	38	nw.	19	10	8	13	5.7	10.6	5.1
Cheyenne	6,088	84	101	23.85	30.00	− .05	25.8	+ 0.2	55	3	36	− 9	22	15	38	20	13	64	0.08	− 0.3	5	12,371	w.	66	w.	12	8	13	10	5.7	1.0	0.1
Lander	5,372	60	68	24.53	30.09	− .03	19.3	+ 1.9	55	20	34	−18	22	5	42	14	7	63	0.44	0.0	2	3,140	sw.	44	w.	12	10	10	11	5.3	5.2	0.4
Sheridan	3,790	10	47	26.02	30.07	.....	17.8	.....	51	12	32	−22	27	4	45	16	11	75	2.08	.....	12	3,996	nw.	48	sw.	12	12	6	13	5.7	22.1	12.0
Yellowstone Park	6,200	11	48	23.77	30.10	− .04	18.6	+ 1.0	43	29	28	− 8	27	10	33	16	12	74	0.47	− 1.8	12	5,387	s.	28	s.	12	9	5	17	6.3	5.0	2.5
North Platte	2,821	11	51	27.04	30.10	− .02	20.1	− 1.3	49	14	32	−22	23	9	46	16	13	82	0.51	0.0	6	5,336	w.	39	nw.	19	12	10	9	4.7	4.2	2.0
Middle Slope.							30.8	+ 1.8										71	0.85	+ 0.1										4.8		
Denver	5,291	129	172	24.60	29.99	− .06	29.3	+ 0.2	57	12	42	− 2	22	17	38	24	17	63	0.38	0.0	6	6,342	sw.	40	n.	5	15	9	7	4.3	4.6	1.0
Pueblo	4,685	80	86	25.18	29.99	− .06	29.6	+ 0.5	63	2	45	− 2	23	14	48	23	13	54	0.18	− 0.2	3	4,108	nw.	31	nw.	5	20	7	4	3.1	2.9	....
Concordia	1,398	42	50	28.53	30.06	− .08	26.5	+ 2.1	51	14	35	− 9	28	18	38	24	21	84	0.76	0.0	11	5,431	s.	32	nw.	19	10	5	16	5.9	5.4	0.2
Dodge	2,509	11	51	27.35	30.04	− .07	30.6	+ 3.3	61	30	42	− 1	22	19	36	25	19	69	1.08	+ 0.6	8	8,218	nw.	35	nw.	16	15	11	5	4.0	9.3	0.2
Wichita	1,358	139	158	28.54	30.02	− .11	32.0	+ 2.3	58	30	41	3	28	23	30	29	25	79	1.35	+ 0.6	8	9,545	s.	39	nw.	19	14	7	10	4.8	2.1	....
Oklahoma	1,214	10	47	28.73	30.05	− .06	37.1	+ 2.4	65	30	47	11	23	28	31	33	28	76	0.78	− 0.6	7	10,622	s.	46	sw.	30	11	11	9	5.2	0.5	0.3
Southern Slope.							40.4	− 1.1										66	1.02	+ 0.3										4.3		
Abilene	1,738	10	52	28.20	30.05	− .04	44.0	+ 1.4	74	30	55	18	23	32	39	36	29	65	0.67	− 0.2	7	7,939	s.	33	sw.	5	11	10	10	4.8	0.8	....
Amarillo	3,676	10	49	26.20	30.02	− .04	34.0	+ 0.1	64	14	46	9	22	22	50	29	25	77	0.72	+ 0.1	6	9,049	sw.	40	n.	31	22	7	2	3.3	5.9	0.8
Del Rio	944	64	71	29.06	30.07	+ .01	47.3	− 2.9	71	15	57	25	18	38	34	....	....	....	2.32	+ 1.5	7	6,637	se.	42	nw.	31	13	9	9	4.9	4.0	....
Roswell	3,566	75	85	26.33	30.03	− .01	36.2	− 3.0	62	21	50	7	23	22	43	29	19	55	0.38	− 0.2	3	5,846	nw.	44	w.	15	15	11	5	4.2	1.9	....
Southern Plateau.							37.6	− 3.1										64	1.66	+ 0.9										4.0		
El Paso	3,762	110	133	26.17	30.01	.00	41.2	− 2.9	72	29	52	13	24	30	33	34	24	56	1.01	+ 0.5	5	7,979	nw.	56	sw.	15	13	12	6	4.2	3.7	....
Santa Fe	7,013	57	62	23.13	30.08	+ .04	24.4	− 4.1	48	1	34	3	23	15	33	20	15	72	1.95	+ 1.4	8	5,147	n.	26	n.	27	13	13	5	4.4	15.3	1.0
Flagstaff	6,908	8	57	.....	.....	.....	21.3	− 5.4	44	3	35	− 8	16	8	40	....	....	....	3.24	.....	11	.....	w.	34	w.	29	17	4	10	....	32.0	14.0
Phoenix	1,108	76	81	28.82	30.00	− .03	50.0	0.0	73	3	61	27	18	39	38	42	33	56	1.79	+ 0.6	4	3,646	w.	28	w.	15	16	4	11	4.4	....	....
Yuma	141	9	58	29.86	30.01	− .04	53.8	− 0.9	74	3	65	34	18	43	33	44	34	53	2.56	+ 2.1	3	4,457	n.	28	se.	29	20	7	4	2.5	....	....
Independence	3,910	11	42	25.96	30.01	− .06	35.2	− 5.3	56	19	46	18	11	24	32	31	28	82	0.98	+ 0.1	5	4,607	nw.	42	nw.	14	13	11	7	4.3	....	....
Middle Plateau.							26.2	− 1.6										71	0.82	− 0.2										5.6		
Reno	4,532	74	81	25.43	30.06	− .07	34.4	+ 1.9	56	1	45	9	23	24	33	29	23	68	0.55	− 1.4	8	3,609	w.	39	sw.	14	10	9	12	5.5	2.9	....
Tonopah	6,090	12	20	24.02	30.08	.....	30.1	.....	49	20	36	9	16	24	20	26	19	64	0.30	− 0.4	5	7,481	se.	40	nw.	14	12	13	6	4.7	4.0	T.
Winnemucca	4,344	18	56	25.60	30.09	− .07	29.3	+ 0.5	48	29	40	1	23	18	35	25	21	75	0.49	− 0.6	11	5,160	ne.	37	nw.	14	6	7	18	6.7	3.3	....
Modena	5,479	10	43	24.58	30.08	− .02	24.2	− 3.3	48	21	37	− 6	23	11	42	21	16	71	1.12	+ 0.4	7	6,143	w.	36	w.	25	10	8	13	5.6	12.7	3.0
Salt Lake City	4,360	147	189	25.62	30.10	− .05	28.2	− 0.6	44	27	36	7	23	21	26	25	18	66	0.72	− 0.6	8	3,892	se.	44	w.	12	9	11	11	5.4	5.2	....
Durango	6,546	10	....	23.57	30.12	+ .07	21.2	− 3.3	46	1	35	− 9	18	8	40	....	....	....	1.80	+ 0.5	7	.....	n.	....	.....	....	16	7	8	....	.....	10.0
Grand Junction	4,602	82	96	25.40	30.10	+ .04	20.2	− 4.5	41	3	31	− 4	24	9	31	18	14	81	0.77	+ 0.3	7	3,259	w.	21	se.	6	11	8	12	5.5	7.1	....
Northern Plateau.							27.3	− 1.5										78	0.80	− 0.8										7.4		
Baker	3,471	48	53	26.46	30.18	.00	23.2	− 0.7	42	31	32	− 6	22	14	29	20	16	75	0.73	− 0.6	10	4,831	se.	24	sw.	14	9	9	13	5.7	7.4	0.5
Boise	2,739	78	86	27.22	30.18	− .01	27.6	− 1.7	49	31	35	6	24	20	21	25	21	76	1.06	− 0.8	10	2,981	nw.	29	nw.	13	5	6	20	7.4	3.7	....
Lewiston	757	40	48	29.27	30.10	− .06	32.6	− 1.9	49	4	38	17	26	27	22	....	....	....	0.55	− 1.0	6	2,694	e.	18	ne.	10	2	12	17	7.5	0.6	....
Pocatello	4,477	46	54	25.46	30.14	− .06	23.4	− 1.7	44	29	33	− 6	22	14	37	21	17	77	0.79	+ 0.1	11	5,360	se.	35	sw.	12	7	8	16	6.7	6.1	....
Spokane	1,929	101	110	27.98	30.10	− .02	26.2	− 0.5	45	8	32	8	25	20	21	25	22	81	0.91	− 1.4	10	3,243	sw.	21	sw.	4	0	7	24	8.7	8.0	7.2
Walla Walla	1,000	57	65	28.97	30.08	− .07	30.8	− 2.4	55	11	36	16	27	26	24	29	25	82	0.75	− 1.3	11	2,790	s.	26	se.	11	2	4	25	8.5	1.2	T.
North Pacific Coast Region.							40.7	+ 1.3										83	5.39	− 1.3										7.2		
North Head	211	11	56	29.71	29.94	− .11	43.8	+ 2.0	54	2	48	35	25	40	13	42	40	87	7.88	+ 1.2	18	12,850	e.	74	se.	10	8	2	21	7.2	....	....
Port Crescent	259	8	53	29.66	29.94	− .05	38.3	+ 2.3	49	31	44	24	26	32	19	....	....	....	2.78	− 2.8	15	4,610	se.	20	ne.	5	2	10	19	7.6	....	....
Seattle	125	215	250	29.85	29.98	− .07	40.6	+ 1.3	55	31	46	28	26	36	15	38	35	83	6.35	+ 1.8	16	4,836	se.	33	s.	31	5	4	22	7.4	....	....
Tacoma	213	113	120	29.75	29.98	− .06	39.0	+ 0.9	54	31	45	22	24	33	22	38	35	85	5.32	− 0.5	15	3,382	se.	25	ne.	21	4	11	16	7.3	....	....
Tatoosh Island	109	7	57	29.80	29.90	− .08	43.9	+ 2.7	55	29	47	38	12	41	12	41	38	81	6.57	− 5.6	15	16,861	e.	60	e.	29	9	6	16	6.4	....	....
Portland, Oreg.	153	68	106	29.82	29.99	− .09	39.2	+ 0.1	50	30	44	26	25	35	16	36	32	78	5.90	− 0.6	15	4,615	se.	26	e.	29	6	4	21	7.3	T.	....
Roseburg	510	9	57	29.42	29.98	− .12	40.3	− 0.5	57	30	46	26	23	35	24	38	36	85	2.93	− 2.8	16	2,066	s.	33	sw.	13	1	15	15	7.3	....	....
Middle Pacific Coast Region.							47.5	+ 0.3										79	7.41	+ 2.7										6.3		
Eureka	62	73	89	29.91	29.98	− .12	48.8	+ 1.9	66	2	56	32	16	42	25	46	42	81	9.75	+ 2.1	18	6,039	se.	38	se.	12	5	8	18	7.1	....	....
Mount Tamalpais	2,375	11	18	27.52	30.02	− .09	42.8	− 3.1	56	20	47	32	15	39	16	40	36	81	10.39	+ 4.4	19	14,279	se.	60	nw.	8	7	3	21	7.2	....	....
Point Reyes Light	490	7	18	29.45	29.97	.....	50.8	+ 1.4	61	19	55	43	11	47	16	....	....	....	7.25	.....	19	16,406	s.	70	nw.	8	8	5	18	6.3	....	....
Red Bluff	332	50	56	29.68	30.04	− .08	44.5	− 0.9	62	21	51	30	23	38	27	41	37	80	8.95	+ 5.0	16	4,433	se.	21	n.	16	10	6	15	6.1	....	....
Sacramento	69	106	117	29.97	30.05	− .07	46.3	+ 0.7	59	22	52	33	23	40	22	43	40	79	3.76	+ 0.1	15	6,259	se.	27	se.	8	11	4	16	5.8	....	....
San Francisco	155	209	213	29.86	30.03	− .08	50.8	+ 1.3	63	22	56	42	17	46	17	46	42	76	6.74	+ 2.4	18	5,134	se.	33	sw.	11	10	5	16	5.3	....	....
San Jose	141	12	110	29.89	30.04	.....	48.8	+ 0.5	66	28	57	30	18	40	31	....	....	....	4.85	+ 2.0	18	4,903	se.	31	se.	8	9	3	19	6.4	....	....
South Pacific Coast Region.							52.5	+ 1.6										72	5.06	+ 2.3										5.2		
Fresno	327	89	98	29.70	30.07	− .03	47.4	+ 2.0	64	30	56	31	18	39	26	44	40	77	2.78	+ 1.2	14	3,803	e.	29	nw.	14	6	14	11	5.9	....	....
Los Angeles	338	159	191	29.65	30.02	− .06	55.9	+ 2.8	77	2	64	41	17	48	23	48	42	65	5.42	+ 2.6	12	5,043	ne.	36	ne.	28	11	12	8	4.8	....	....
San Diego	87	62	70	29.92	30.02	− .05	55.2	+ 1.2	69	1	63	38	17	48	22	49	44	71	4.91	+ 2.9	11	4,289	nw.	42	s.	28	16	6	9	4.3	....	....
San Luis Obispo	201	32	40	29.84	30.06	− .03	51.4	+ 0.4	72	2	61	30	18	42	40	46	42	73	7.11	+ 2.4	14	2,525	nw.	22	s.	29	11	4	16	5.8	....	....
West Indies.																																
San Juan	82	8	54	29.90	29.98	− .04	75.6	.....	87	12	81	67	21	70	18	....	....	....	2.01	− 2.6	16	8,739	se.	46	ne.	23	14	14	3	4.1	....	....
Panama.																																
Balboa Heights	118	7	97	.....	29.83	.....	81.5	.....	91	20	89	69	31	74	20	....	....	....	2.12	+ 1.1	6	7,024	n.	29	n.	13	12	15	4	....	....	....
Colon	25	5	71	.....	29.84	.....	81.5	.....	87	6	86	74	28	78	12	....	....	....	3.41	− 0.5	16	9,494	n.	30	ne.	10	14	13	4	....	....	....

TABLE II.—*Accumulated amounts of precipitation for each 5 minutes, for the principal storms in which the rate of fall equaled or exceeded 0.25 inch in any 5 minutes, or 0.80 in 1 hour, during January, 1915, at all stations furnished with self-registering gages.*

Stations.	Date.	Total duration.		Total amount of precipitation.	Excessive rate.		Amount before excessive rate began.	Depths of precipitation (in inches) during periods of time indicated.													
		From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Abilene, Tex.	30			0.40														0.30			
Albany, N. Y.	7			0.56														.23			
Alpena, Mich.	6-7			0.87														(*)			
Amarillo, Tex.	30			0.12														.12			
Anniston, Ala.	16			0.71														.48			
Asheville, N. C.	18			0.45														.26			
Atlanta, Ga.	6	D. N. a. m.	2.00 p. m.	1.76	11.34 a. m.	12.18 p. m.	0.49	0.16	0.36	0.55	0.58	0.69	0.80	0.93	1.05	1.11					
Atlantic City, N. J.	18			1.37														.27			
Augusta, Ga.	6			1.46														.54			
Baker, Oreg.	14			0.19														(*)			
Baltimore, Md.	12			2.84														.33			
Bentonville, Ark.	30-31			0.80														.26			
Binghamton, N. Y.	7			0.45														.23			
Birmingham, Ala.	31-1[1]	2.00 p. m.	D. N. a. m.	2.73	9.50 p. m.	10.59 p. m.	.57	.22	.52	.74	.88	1.00	1.17	1.29	1.46	1.53	1.57	1.68	1.87		
Bismarck, N. Dak.	17			0.04														(*)			
Block Island, R. I.	7			0.68														.37			
Boise, Idaho	8-9			0.46														(*)			
Boston, Mass.	7			0.68														.30			
Buffalo, N. Y.	6-7			1.29														(*)			
Burlington, Vt.	18-19			0.38														(*)			
Cairo, Ill.	30			1.32														.25			
Canton, N. Y.	6-7			1.02														(*)			
Charles City, Iowa	31			0.26														(*)			
Charleston, S. C.	6	6.10 p. m.	8.50 p. m.	0.74	7.00 p. m.	7.27 p. m.	.05	.24	.35	.42	.45	.56	.61								
	18-19	8.30 a. m.	5.10 a. m.	1.59	12.30 p. m.	1.06 p. m.	.18	.07	.12	.15	.22	.31	.47	.56	.59						
Charlotte, N. C.	5-6	3.57 p. m.	8.22 p. m.	2.35	5.24 p. m.[2]	6.02 p. m.[2]	1.28	.12	.23	.32	.41	.49	.58	.90	.94						
Chattanooga, Tenn.	6			1.54														.38			
Cheyenne, Wyo.	21			0.03														(*)			
Chicago, Ill.	31			0.64														(*)			
Cincinnati, Ohio	31			0.91														.19			
Cleveland, Ohio	31			0.56														.07			
Columbia, Mo.	30			0.77														(*)			
Columbia, S. C.	17			1.17														.46			
Columbus, Ohio	6			0.69														(*)			
Concord, N. H.	18-19			0.98														(*)			
Concordia, Kans.	21-22			0.23														(*)			
Corpus Christi, Tex.	3			0.45														.18			
Davenport, Iowa	16			0.72														(*)			
Dayton, Ohio	6			0.49														.16			
Del Rio, Tex.	3			1.36														.18			
Denver, Colo.	5			0.13														(*)			
Des Moines, Iowa	31			0.47														(*)			
Detroit, Mich.	31			1.08														(*)			
Devils Lake, N. Dak.	5			0.06														(*)			
Dodge City, Kans.	16			0.62														(*)			
Dubuque, Iowa	16			0.61														(*)			
Duluth, Minn.	15-16			1.16														(*)			
Durango, Colo.	29-30			1.14														(*)			
Eastport, Me.	7			0.72														.33			
Elkins, W. Va.	6			1.00														.22			
El Paso, Tex.	30			0.57														.19			
Erie, Pa.	22-23			0.48														(*)			
Escanaba, Mich.	16-17			1.10														(*)			
Eureka, Cal.	5			1.09														.34			
Evansville, Ind.	31			2.08														.32			
Flagstaff, Ariz.	29			2.05														(*)			
Fort Smith, Ark.	30-31			1.02														.80			
Fort Wayne, Ind.	16			0.26														.15			
Fort Worth, Tex.	30			0.21														.17			
Fresno, Cal.	8			0.57														.24			
Galveston, Tex.	10	8.55 a. m.	12.55 p. m.	0.82	12.03 p. m.	12.18 p. m.	.19	.09	.20	.53											
	16	7.45 a. m.	11.45 a. m.	0.94	10.05 a. m.	10.41 a. m.	.10	.07	.13	.20	.35	.63	.68	.74	.76						
Grand Haven, Mich.	30-31			0.79														(*)			
Grand Junction, Colo.	4-5			0.28														(*)			
Grand Rapids, Mich.	6			0.60														.14			
Green Bay, Wis.	16-17			0.45														(*)			
Hannibal, Mo.	21-22			0.80														(*)			
Harrisburg, Pa.	6			0.98														.23			
Hartford, Conn.	17-18			1.67														(*)			
Hatteras, N. C.	24			2.76														.58			
Havre, Mont.	4, 14-15			0.21														(*)			
Helena, Mont.	26			0.24														(*)			
Houghton, Mich.	15-17			0.94														(*)			
Houston, Tex.	10	8.28 a. m.	12.10 p. m.	0.56	10.22 a. m.	10.28 a. m.	.08	.31	.36												
Huron, S. Dak.	30-31			0.34														(*)			
Independence, Cal.	28			0.46														.08			
Indianapolis, Ind.	22			0.91														(*)			
Iola, Kans.	16			0.78														.26			
Jacksonville, Fla.	5-6			2.16														(*)			
Kalispell, Mont.	25-26			0.59														(*)			
Kansas City, Mo.	16			0.56														0.29			
Keokuk, Iowa	30			0.25														(*)			
Key West, Fla.	25	11.39 a. m.	1.25 p. m.	1.04	11.46 a. m.	12.27 p. m.	0.01	0.23	0.51	0.67	0.79	0.81	0.83	0.86	0.77	1.00					
Knoxville, Tenn.	5-6			1.06														(*)			
La Crosse, Wis.	31			0.46														(*)			
Lander, Wyo.	21			0.32														(*)			
Lansing, Mich.	31			0.42														(*)			
Lewiston, Idaho	14			0.30														(*)			
Lexington, Ky.	31			0.98														0.18			
Lincoln, Nebr.	16			0.58														(*)			
Little Rock, Ark.	31			1.18														.38			
Los Angeles, Cal.	29			1.63														.53			
Louisville, Ky.	31			1.59														.42			
Ludington, Mich.	31			0.65														(*)			
Lynchburg, Va.	6			1.55														.43			
Macon, Ga.	18			2.13														.77			
Madison, Wis.	16			0.75														.26			
Marquette, Mich.	6-7			0.71														(*)			

* Self-register not marking. [1] February. [2] Jan. 6.

TABLE II.—*Accumulated amounts of precipitation for each 5 minutes, for the principal storms in which the rate of fall equaled or exceeded 0.35 inch in any 5 minutes, or 0.80 in 1 hour, during January, 1915, at all stations furnished with self-registering gages*—Continued.

Stations.	Date.	Total duration.		Total amount of precipitation.	Excessive rate.		Amount before excessive rate began.	Depths of precipitation (in inches) during periods of time indicated.													
		From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Memphis, Tenn	31			1.70														.43			
Meridian, Miss	31	11.10 a. m.	D. N. p. m.	2.49	5.16 p. m.	5.46 p. m.	.88	.08	.41	.65	.78	.86	.92								
Miami, Fla	4			0.54														.39			
Milwaukee, Wis	30-31			0.65														(*)			
Minneapolis, Minn	15-16			0.69														(*)			
Mobile, Ala	6	D. N. a. m.	8.15 a. m.	1.04	5.57 a. m.	6.34 a. m.	.08	.12	.26	.45	.61	.70	.75	.81	.85						
	16-17	3.45 p. m.	9.00 a. m.	2.50	10.14 p. m.	10.48 p. m.	.63	.14	.28	.45	.48	.55	.59	.67							
	23	7.45 a. m.	D. N. p. m.	1.90	10.31 a. m.	11.13 a. m.	.26	.14	.28	.39	.43	.48	.52	.60	.66	.71					
Modena, Utah	28-29			0.65														(*)			
Montgomery, Ala	6	7.15 a. m.	11.25 a. m.	1.99	8.48 a. m.	9.13 a. m.	.73	.15	.21	.33	.45	.55									
Moorhead, Minn	5-6			0.15														(*)			
Mount Tamalpais, Cal	8			1.12														.59			
Nantucket, Mass	25			0.68														.37			
Nashville, Tenn	31			2.02														.43			
New Haven, Conn	12			1.79														.24			
New Orleans, La	16-17	5.00 p. m.	D. N. a. m.	1.84	6.51 p. m.	7.11 p. m.	.11	.25	.36	.42	.53										
	23	D. N. a. m.	6.35 p. m.	3.05	7.18 a. m.	7.38 a. m.	.06	.25	.41	.61	.70										
New York, N. Y	13			0.92														.27			
Norfolk, Va	24			1.72														.26			
Northfield, Vt	18-19			0.58														(*)			
North Head, Wash	8			0.65														.21			
North Platte, Nebr	21			0.25														(*)			
Oklahoma, Okla	30			0.30														.15			
Omaha, Nebr	16			0.55														(*)			
Oswego, N. Y	6-7			0.92														(*)			
Palestine, Tex	31	1.30 a. m.	7.40 a. m.	1.02	1.43 a. m.	2.09 a. m.	.01	.13	.30	.55	.71	.78	.82								
Parkersburg, W. Va	6			0.55														.13			
Pensacola, Fla	31-1[1]	10.10 p. m.	4.35 a. m.	1.48	10.59 p. m.	11.23 p. m.	.01	.23	.42	.57	.66	.71									
Peoria, Ill	16			0.35														.16			
Philadelphia, Pa	12			2.19														.53			
Phoenix, Ariz	29			1.45														.47			
Pierre, S. Dak	30-31			0.62														(*)			
Pittsburgh, Pa	18			0.71														.19			
Pocatello, Idaho	29-30			0.43														(*)			
Point Reyes Light, Cal	8			0.76														.33			
Port Huron, Mich	31			0.30														(*)			
Portland, Me	25			1.82														.27			
Portland, Oreg	17-18			1.87														(*)			
Providence, R. I	6	8.18 p. m.	10.54 p. m.	1.07	8.50 p. m.	9.04 p. m.	.13	.24	.59	.65											
Pueblo, Colo	15			0.12														(*)			
Raleigh, N. C	6	8.18 p. m.	10.54 p. m.	1.07	8.50 p. m.	9.04 p. m.	.13	.24	.59	.65											
Rapid City, S. Dak	20-21			0.44														(*)			
Reading, Pa	13			1.21														.43			
Red Bluff, Cal	8			1.26														.40			
Reno, Nev	26-27			0.24														(*)			
Richmond, Va	6			0.61														.33			
Rochester, N. Y	25			1.05														(*)			
Roseburg, Oreg	13			0.62														.23			
Roswell, N. Mex	30			0.20														(*)			
Sacramento, Cal	3			0.44														.33			
Saginaw, Mich	31			0.71														(*)			
St. Joseph, Mo	31			0.39														(*)			
St. Louis, Mo	29-30			1.39														(*)			
St. Paul, Minn	15-16			0.44														(*)			
Salt Lake City, Utah	4			0.32														(*)			
San Antonio, Tex	31			0.10														.09			
San Diego, Cal	21			1.67														.46			
Sand Key, Fla	4-5	4.20 p. m.	9.05 a. m.	4.39	10.15 p. m.	11.06 p. m.	.76	.06	.13	.21	.27	.35	.39	.47	.62	.82	.86	.94			
	25	11.21 a. m.	1.19 p. m.	0.73	11.53 a. m.	12.31 p. m.	.01	.13	.23	.34	.43	.58	.63								
Sandusky, Ohio	31			0.74														(*)			
San Francisco, Cal	8			0.95														.54			
San Jose, Cal	3			0.52														.40			
San Luis Obispo, Cal	29			1.91														.33			
Santa Fe, N. Mex	15-16			0.93														(*)			
Sault Ste. Marie, Mich	6-7			0.57														(*)			
Savannah, Ga	18			1.43														.36			
Scranton, Pa	22-23			1.32														(*)			
Seattle, Wash	3			1.79														.17			
Sheridan, Wyo	20-21			1.11														(*)			
Shreveport, La	31	3.40 a. m.	10.40 a. m.	1.54	3.43 a. m.	4.01 a. m.	.01	.22	.35	.40	.45										
Sioux City, Iowa	31			0.52														(*)			
Spokane, Wash	13			0.38														(*)			
Springfield, Ill	30			0.80														(*)			
Springfield, Mo	31			0.60														.27			
Syracuse, N. Y	12			1.70														(*)			
Tacoma, Wash	13			0.49														.13			
Tampa, Fla	11			1.57														.49			
Tatoosh Island, Wash	11			0.95														.47			
Taylor, Tex	30-31	D. N. p. m.	D. N. a. m.	0.77	11.59 p. m.	12.25 a. m.	.01	.19	.35	.46	.52	.60	.61								
Terre Haute, Ind	22			0.83														(*)			
Thomasville, Ga	17-18	4.45 p. m.	3.10 p. m.	4.11	5.26 a. m.	5.44 a. m.	1.18	.11	.22	.44	.55										
					7.37 a. m.	8.53 a. m.	1.91	.08	.10	.23	.30	.34	.37	.48	.54	.57	.63	.82	1.23		
Toledo, Ohio	31			0.77														(*)			
Tonopah, Nev	29			0.14														(*)			
Topeka, Kans	16			0.56														(*)			
Valentine, Nebr	20-21			0.18														(*)			
Vicksburg, Miss	31	7.44 a. m.	5.05 p. m.	1.44	12.07 p. m.	12.32 p. m.	.44	.11	.35	.48	.63	.74									
Walla Walla, Wash	13-14			0.30														(*)			
Washington, D. C	6-7			1.02														.30			
Wichita, Kans	10			0.59														(*)			
Williston, N. Dak	5			0.22														(*)			
Wilmington, N. C	18	4.05 p. m.	9.50 a. m.	2.38	8.16 a. m.	9.34 a. m.	1.16	.06	.16	.25	.29	.34	.38	.52	.63	.72	.85	.99	1.21		
		11.40 a. m.	7.25 p. m.	1.34	12.55 p. m.	1.41 p. m.	.03	.07	.24	.35	.46	.54	.63	.76	.85	.95	.97				
Winnemucca, Nev	27-28			0.26														(*)			
Wytheville, Va	6			0.83														.20			
Yankton, S. Dak	31			1.02														(*)			
Yellowstone Park, Wyo	13-14			0.19														(*)			

*Self-register not mark in

[1] February.

TABLE III.—*Data furnished by the Canadian Meteorological Service, January, 1915.*

Stations.	Pressure.			Temperature.						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.
	Inches.	*Inches.*	*Inches.*	°*F.*	°*F.*	°*F.*	°*F.*	°*F.*	°*F.*	*Inches.*	*Inches.*	*Inches.*
St. Johns, N. F.	29.77	29.91	+0.05	25.9	+ 2.1	31.4	20.4	50	2	3.12	−2.79	7.0
Sydney, C. B. I.	30.03	30.07	+ .14	26.1	+ 5.6	32.2	20.0	52	− 6	1.90	−3.20	7.0
Halifax, N. S.	30.00	30.11	+ .14	24.8	+ 3.0	34.6	14.9	51	− 9	8.38	+2.61	21.9
Yarmouth, N. S.	30.03	30.10	+ .10	28.9	+ 2.6	35.2	22.6	50	6	5.70	+0.29	10.2
Charlottetown, P. E. I.	30.04	30.08	+ .12	22.4	+ 5.4	29.5	15.3	46	−13	5.05	+1.09	22.4
Chatham, N. B.	30.09	30.12	+ .15	17.0	+ 7.2	26.7	7.3	52	−24	2.99	−0.60	12.1
Father Point, Que.	30.04	30.07	+ .09	15.1	+ 7.1	21.9	8.3	48	−20	1.58	−1.27	12.2
Quebec, Que.	29.75	30.09	+ .07	14.6	+ 5.5	21.8	7.4	44	−22	3.03	−0.98	20.0
Montreal, Que.	29.87	30.10	+ .06	17.5	+ 5.8	24.2	10.8	45	−13	3.65	−0.08	15.6
Stonecliffe, Ont.	29.46	30.10	+ .08	11.7	+ 5.3	21.9	1.5	40	−35	1.76	−1.56	13.0
Ottawa, Ont.	29.83	30.18	+ .15	15.3	+ 5.7	23.3	7.3	42	−24	3.18	+0.19	14.5
Kingston, Ont.	29.78	30.12	+ .07	22.0	+ 4.9	29.5	14.4	44	−24	1.91	−1.54	8.0
Toronto, Ont.	29.65	30.05	0.00	23.6	+ 2.2	30.7	16.5	47	− 1	3.53	+0.61	27.2
White River, Ont.	28.57	29.95	− .06	3.6	+ 4.0	17.6	−10.5	36	−56	1.40	−0.29	14.0
Port Stanley, Ont.	29.40	30.07	0.00	20.0	− 2.2	28.3	11.6	40	−25	3.07	+0.08	20.5
Southampton, Ont.	29.32	.....	.....	20.8	+ 0.4	27.5	14.2	40	0	3.30	−0.75	29.0
Parry Sound, Ont.	29.32	30.05	+ .04	17.0	+ 3.2	25.6	8.5	40	−22	1.86	−2.22	12.0
Port Arthur, Ont.	29.27	30.01	− .06	9.2	+ 6.1	18.3	0.1	39	−34	0.69	−0.13	6.9
Winnipeg, Man.	29.18	30.08	− .03	0.4	+ 7.2	7.9	− 7.0	30	−37	0.38	−0.50	3.8
Minnedosa, Man.	28.10	30.04	− .06	0.9	+ 8.1	10.1	− 8.3	30	−41	0.30	−0.50	3.0
Qu'Appelle, Sask.	27.60	29.97	− .11	5.0	+ 8.8	13.3	− 3.3	32	−42	0.50	0.00	5.0
Medicine Hat, Alberta	27.60	29.98	− .09	15.0	+ 9.5	24.2	5.8	42	−27	0.38	−0.19	3.8
Swift Current, Sask.	27.28	29.99	− .10	9.3	+ 6.2	18.7	− 0.1	44	−35	0.48	−0.16	4.8
Calgary, Alberta	26.27	29.92	− .11	19.8	+11.4	30.7	8.9	47	−24	0.40	−0.13	4.0
Banff, Alberta	25.23	30.02	+ .02	16.0	+ 3.9	25.5	6.5	37	−20	1.05	−0.14	10.5
Edmonton, Alberta	27.54	29.94	− .09	10.8	+ 9.0	20.5	1.0	42	−24	1.04	+0.36	7.1
Prince Albert, Sask.	28.31	29.96	− .13	− 0.6	− 7.8	5.0	− 6.3	30	−42	0.11	−0.86	1.1
Battleford, Sask.	28.16	30.00	− .08	4.8	+10.7	13.8	− 4.2	35	−38	0.00	−0.40	0.0
Kamloops, B. C.	28.80	30.07	+ .11	23.3	+ 0.3	29.0	17.5	40	2	0.93	+0.11	9.3
Victoria, B. C.	29.69	29.95	− .02	40.5	+ 2.0	44.3	36.7	49	31	1.55	−3.84	0.0
Barkerville, B. C.	25.47	29.86	− .03	19.6	+ 1.8	26.5	12.8	36	− 2	0.77	−1.83	7.7
Hamilton, Bermuda	30.02	30.19	+ .06	63.4	+ 1.4	69.0	57.9	74	53	2.80	−2.14	0.0

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