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., daily, 75th meridian time, 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 successive 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.

The tipping-bucket mechanism is *dismounted* and removed when there is danger of snow or water freezing in the same. Table II records this condition by entering an asterisk (*).

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 or (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 to 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. observation, 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.

Chart IX.—Average values of pressure, temperature, and prevailing wind directions, and storm tracks over the North Atlantic Ocean, *for the corresponding month of last year*.

TABLE I.—*Climatological data for Weather Bureau stations, April, 1916.*

Districts and stations.	Elevation of instruments.			Pressure.			Temperature of the air.												Precipitation.			Wind.										
	Barometer above sea level.	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.	Total.	Departure from normal.	Days with 0.01 or more.	Total movement.	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.
	Ft.	Ft.	Ft.	In.	In.	In.	°F.	°F.	°F.		°F.	°F.		°F.	°F.	°F.	°F.	%	In.	In.		Miles.								0-10	In.	In.
New England.							43.3	− 0.4										76	3.19	− 0.1										6.6		
Eastport	76	67	85	29.81	29.89	− .04	39.8	+ 1.5	58	16	46	25	10	34	27	36	32	78	2.57	− 0.4	13	9,742	ne.	50	ne.	9	5	8	17	7.2	6.5	....
Greenville	1,070	6	....	28.74	29.92	.....	39.2	.....	65	17	49	17	4	29	37	....	....	....	2.45	.....	10	.....	se.	....	....	....	....	....	....	....	11.0	....
Portland, Me	103	82	117	29.80	29.93	− .03	41.8	− 1.2	59	13	48	27	10	35	23	38	32	73	5.56	+ 2.4	14	7,472	nw.	32	ne.	23	7	9	14	6.2	7.9	....
Concord	288	70	79	29.60	29.91	− .08	43.0	− 0.8	70	30	52	25	8	34	37	....	....	....	2.96	+ 0.2	15	4,544	nw.	26	e.	8	9	5	16	6.4	7.6	....
Burlington	404	11	48	29.48	29.92	− .07	43.0	+ 2.3	67	30	51	25	3	35	33	....	....	....	1.85	0.0	12	7,010	nw.	39	s.	1	4	9	17	7.1	12.3	....
Northfield	876	12	60	28.98	29.94	− .05	40.8	+ 0.6	69	30	51	20	6	30	41	37	37	73	1.94	− 0.2	12	4,770	s.	27	n.	9	4	4	22	7.6	11.3	....
Boston	125	115	188	29.77	29.91	− .06	45.6	+ 0.3	68	1	52	32	8	39	24	41	36	75	4.51	+ 1.0	14	8,221	nw.	32	nw.	18	9	7	14	6.1	4.2	....
Nantucket	12	14	90	29.87	29.88	− .09	42.8	− 1.4	57	16	48	29	1	37	19	40	37	86	2.90	+ 0.3	17	11,431	n.	50	n.	14	9	7	14	6.3	0.2	....
Block Island	26	11	46	29.87	29.90	− .08	42.4	− 1.4	56	19	47	32	8	37	17	39	37	86	3.96	+ 0.3	16	12,771	w.	48	nw.	18	10	5	15	6.4	0.4	....
Narragansett Pier	....	9	....	.....	.....	.....	42.9	− 1.7	62	19	50	29	8	36	24	....	....	....	3.95	.....	17	.....	sw.	....	.....	....	15	1	14	....	4.5	....
Providence	160	215	251	29.72	29.90	− .08	44.5	− 2.1	67	16	52	32	9	37	35	39	33	70	2.89	− 0.9	14	10,460	nw.	48	nw.	18	8	8	14	6.5	4.7	....
Hartford	159	122	140	29.74	29.92	− .07	45.9	− 0.8	73	30	54	31	9	38	34	40	34	69	2.93	− 0.6	13	6,134	nw.	33	nw.	18	6	7	17	7.0	3.3	....
New Haven	106	117	155	29.80	29.92	− .07	46.6	+ 0.2	67	29	54	31	9	39	25	41	37	74	3.00	− 0.6	16	7,593	n.	40	nw.	12	7	8	15	6.4	2.7	....
Middle Atlantic States.							50.4	− 0.3										68	2.44	+ 0.2										6.2		
Albany	97	102	115	29.82	29.93	− .07	45.8	0.0	76	30	54	30	3	38	34	40	34	68	3.52	+ 1.1	17	5,622	nw.	30	s.	1	10	6	14	5.7	2.1	....
Binghamton	871	10	69	28.99	29.93	− .09	45.3	+ 0.9	76	21	53	28	11	37	37	....	....	....	3.61	+ 1.4	18	2,694	nw.	26	nw.	14	3	11	16	7.1	4.0	....
New York	314	414	454	29.58	29.93	− .07	47.1	− 1.0	69	30	54	30	9	40	26	41	34	65	3.28	0.0	14	12,471	nw.	72	nw.	18	6	9	15	7.0	3.3	....
Harrisburg	374	94	104	29.56	29.96	− .06	50.4	− 0.3	75	21	59	31	8	42	29	44	38	70	2.61	+ 0.2	12	5,791	nw.	40	nw.	14	5	11	14	6.6	6.0	....
Philadelphia	117	123	190	29.82	29.95	− .06	51.4	+ 0.6	78	21	60	32	8	43	32	44	38	65	2.97	+ 0.1	12	8,371	nw.	42	nw.	14	7	8	15	6.4	5.1	....
Reading	325	81	98	29.61	29.96	.....	50.0	.....	77	30	59	31	8	41	31	42	34	62	3.97	+ 0.8	14	5,841	nw.	37	nw.	14	3	9	18	7.2	7.0	....
Scranton	805	111	119	29.08	29.95	− .06	47.2	+ 0.1	75	21	56	30	11	38	34	42	37	73	4.19	+ 1.5	18	5,509	ne.	37	w.	18	4	11	15	6.9	3.0	....
Atlantic City	52	37	48	29.89	29.95	− .05	47.2	− 0.4	64	14	54	33	7	41	24	42	38	74	1.85	− 1.1	13	6,221	nw.	34	nw.	14	5	8	17	6.9	0.1	....
Cape May	18	13	49	29.95	29.97	− .02	49.4	+ 1.0	67	30	56	36	9	43	23	....	....	....	1.84	− 1.2	15	7,040	nw.	50	nw.	15	8	14	8	5.5	....	....
Sandy Hook	22	10	57	29.91	29.93	.....	45.8	.....	63	29	51	32	9	40	20	42	39	82	3.47	.....	15	11,177	nw.	59	nw.	14	6	9	15	6.5	3.4	....
Trenton	190	159	183	29.73	29.93	.....	48.8	.....	76	30	57	32	9	41	30	42	36	69	2.67	− 0.6	15	9,244	nw.	52	nw.	14	6	5	19	7.0	5.4	....
Baltimore	123	100	113	29.83	29.96	− .05	52.6	− 0.4	76	21	61	32	8	44	27	45	38	63	3.68	+ 0.4	12	5,821	nw.	48	nw.	14	8	10	12	6.1	5.0	....
Washington	112	62	85	29.84	29.96	− .06	53.4	+ 0.3	85	21	64	32	9	43	37	45	38	61	2.96	− 0.3	13	4,755	nw.	46	nw.	14	9	9	12	6.1	1.8	....
Lynchburg	681	153	188	29.22	29.96	− .06	54.7	− 0.9	85	20	66	31	8	43	35	47	39	62	1.94	− 1.2	12	6,137	nw.	51	nw.	14	8	16	6	5.6	1.1	....
Norfolk	91	170	205	29.87	29.96	− .05	56.4	+ 0.4	86	20	65	36	10	48	31	48	42	67	1.95	− 1.8	9	10,640	n.	62	w.	14	12	13	5	4.7	....	....
Richmond	144	11	52	29.81	29.96	− .06	55.8	− 1.4	87	20	67	33	8	45	33	48	41	64	1.94	− 1.5	8	6,776	s.	46	sw.	21	10	12	8	5.3	T.	....
Wytheville	2,293	49	55	27.60	29.98	− .05	49.5	− 2.5	79	20	59	24	10	40	38	44	39	73	1.99	− 1.7	12	5,715	w.	38	nw.	14	9	10	11	5.2	6.4	....
South Atlantic States.							61.0	− 0.2										64	1.88	− 1.6										4.3		
Asheville	2,255	70	84	27.64	29.99	− .04	52.8	− 1.1	81	13	63	26	10	43	39	45	38	63	1.35	− 2.7	12	7,085	nw.	36	e.	3	10	11	9	5.3	0.4	....
Charlotte	773	153	161	29.15	29.99	− .04	59.0	− 0.2	86	13	69	33	10	49	28	49	41	59	2.15	− 1.3	6	8,894	s.	48	nw.	23	12	11	7	4.6	T.	....
Hatteras	11	12	50	29.95	29.96	− .05	57.7	− 0.3	77	14	64	42	10	52	19	53	49	75	2.82	− 1.6	9	11,704	sw.	46	n.	6	8	16	6	5.5	....	....
Manteo	12	4	46	.....	.....	.....	54.8	.....	86	14	65	35	7	45	....	....	....	....	2.00	− 2.6	4	.....	ne.	....	.....	....	16	9	5	....	....	....
Raleigh	376	103	110	29.58	29.98	− .05	58.7	− 0.3	86	20	69	35	10	48	31	49	40	56	2.32	− 1.2	8	6,699	sw.	38	nw.	14	8	13	9	5.9	....	....
Wilmington	78	81	91	29.91	29.99	− .04	60.2	− 0.2	88	14	70	35	10	51	30	52	47	68	1.21	− 1.6	9	6,194	sw.	32	sw.	21	14	13	3	3.8	....	....
Charleston	48	11	92	29.95	30.00	− .03	64.0	+ 0.2	89	14	72	38	10	56	30	56	50	66	2.35	− 0.6	5	8,401	s.	38	s.	21	18	9	3	3.0	....	....
Columbia, S. C.	351	41	57	29.62	30.00	− .03	62.6	− 0.2	89	13	74	33	10	52	33	51	43	56	1.11	− 1.8	4	5,970	w.	34	sw.	21	14	12	4	4.2	....	....
Augusta	180	62	77	29.80	29.99	− .04	62.8	− 0.4	88	13	75	33	10	51	37	54	48	63	1.79	− 1.7	4	4,880	nw.	28	nw.	14	17	6	7	3.8	....	....
Savannah	65	150	194	29.94	30.01	− .02	65.6	+ 0.9	87	14	75	41	10	56	27	56	51	67	3.16	+ 0.2	6	9,742	s.	40	nw.	9	12	12	6	4.2	....	....
Jacksonville	43	209	245	29.97	30.02	− .02	67.0	− 0.6	87	14	76	43	10	58	30	58	52	66	0.46	− 2.3	4	9,007	sw.	40	sw.	3	18	9	3	3.0	....	....
Florida Peninsula.							71.0	− 2.4										73	1.23	− 0.7										4.0		
Key West	22	10	64	29.98	30.00	− .02	73.9	− 1.6	84	7	79	58	10	68	14	67	64	73	0.24	− 1.1	2	7,848	n.	33	n.	21	15	15	0	3.5	....	....
Miami	25	71	79	29.99	30.02	.....	70.2	− 4.0	83	8	78	46	10	63	25	65	61	71	0.39	− 2.2	4	6,928	e.	27	w.	8	12	10	8	4.9	....	....
Sand Key	23	39	72	29.96	29.99	− .03	73.0	.....	79	23	75	60	10	71	11	68	66	80	0.28	.....	1	10,588	e.	41	n.	21	14	15	1	3.7	....	....
Tampa	35	79	96	29.99	30.03	− .03	69.0	− 1.6	87	18	79	45	10	59	28	60	55	67	3.06	+ 1.2	7	4,821	nw.	42	nw.	21	15	10	5	4.0	....	....
East Gulf States.							63.3	− 1.3										66	2.73	− 1.3										4.3		
Atlanta	1,174	190	216	28.78	30.02	− .01	60.0	− 1.1	83	13	70	34	9	50	27	50	42	58	1.51	− 2.1	7	8,812	nw.	42	se.	21	15	9	6	4.4	T.	....
Macon	370	78	87	29.61	30.01	− .02	62.6	− 0.5	87	14	75	31	10	50	36	54	47	61	1.31	− 2.1	5	4,570	nw.	24	s.	20	16	8	6	3.7	....	....
Thomasville	273	49	58	29.72	30.02	− .01	65.9	− 0.8	89	15	78	38	10	54	31	56	48	61	2.47	− 1.2	5	3,725	nw.	22	nw.	2	17	5	8	3.7	....	....
Pensacola	56	140	182	29.97	30.03	+ .01	65.4	− 2.3	83	24	72	41	9	59	22	58	53	69	4.34	+ 1.2	6	9,079	nw.	52	s.	7	14	8	8	4.6	....	....
Anniston	741	9	57	29.24	30.03	.00	59.7	− 0.7	86	15	72	32	10	47	38	....	....	....	2.71	− 0.9	7	4,373	nw.	23	s.	20	16	9	5	3.5	....	....
Birmingham	700	11	48	29.27	30.03	+ .01	61.2	− 2.3	86	15	71	34	9	51	29	52	45	62	2.14	− 1.5	7	5,042	s.	33	se.	2	13	8	9	4.8	T.	....
Mobile	57	125	161	29.96	30.02	.00	64.8	− 1.2	84	24	73	40	9	56	23	58	53	72	6.64	+ 3.3	7	7,152	nw.	36	se.	2	11	15	4	4.4	....	....
Montgomery	223	100	112	29.78	30.03	.00	63.6	− 1.6	86	15	74	37	9	53	30	54	47	60	2.23	− 2.0	8	4,792	w.	26	sw.	20	17	9	4	3.9	....	....
Meridian	375	85	93	29.62	30.01	− .01	61.9	− 2.2	85	15	73	37	10	51	34	54	48	66	2.56	− 2.5	5	4,102	sw.	26	w.	8	14	8	8	4.7	....	....
Vicksburg	247	65	74	29.75	30.03	+ .03	63.4	− 1.8	84	20	73	38	9	54	27	56	52	72	1.52	− 3.6	4	5,377	se.	31	nw.	7	9	12	9	5.3	....	....
New Orleans	51	76	84	29.96	30.02	+ .02	67.8	− 0.1	84	23	75	45	9	60	22	60	56	74	2.55	− 2.4	6	5,161	s.	29	nw.	8	12	12	6	4.1	....	....
West Gulf States.							63.5	− 2.2										71	3.63	+ 0.1										5.3		
Shreveport	249	77	93	29.74	30.01	+ .04	63.5	− 2.3	85	14	73	34	9	54	31	56	51	71	4.61	0.0	7	6,018	s.	32	w.	7	14	6	10	4.9	....	....
Bentonville	1,303	11	44	28.60	29.97	+ .01	54.9	− 2.0	79	18	64	28	9	46	31	....	....	....	6.36	+ 2.5	14	5,746	s.	30	s.	18	8	7	15	6.4	0.7	....
Fort Smith	457	79	94	29.49	29.97	+ .01	59.7	− 2.0	82	18	69	33	9	51	34	52	47	69	4.19	+ 0.3	13	7,003	e.	36	w.	20	10	6	14	5.9	T.	....
Little Rock	357	139	147	29.62	30.00	+ .02	60.6	− 2.1	83	18	70	35	9	52	31	53	46	64	2.61	− 1.9	7	8,089	s.	46	w.	15	11	8	11	5.1	....	....
Brownsville	57	3	40	.....	.....	.....	72.5	.....	95	20	83	47	9	62	33	....	....	....	1.28	.....	3	.....	s.	....	.....	....	....	....	....	....	....	....
Corpus Christi	20	69	77	29.95	29.97	+ .02	69.6	− 1.3	84	20	75	50	9	64	24	64	61	78	0.63	− 1.2	4	11,939	se.	46	se.	13	7	12	11	5.8	....	....
Dallas	512	109	117	29.43	29.98	.....	62.6	.....	85	19	71	35	9	54	31	....	....	....	5.15	.....	8	8,788	se.	37	se.	19	9	7	14	5.9	....	....
Fort Worth	670	106	114	29.24	29.95	+ .01	62.3	− 3.0	88	19	71	35	9	53	30	55	49	67	6.99	+ 4.3	12	8,940	s.	36	ne.	1	8	10	12	5.9	....	....
Galveston	54	106	114	29.96	30.02	+ .05	67.0	− 1.7	79	26	72	44	9	62	20	61	58	77	1.37	− 1.8	5	9,917	s.	42	s.	1	15	10	5	4.5	....	....
Houston	138	111	121	29.85	30.00	.....	67.2	− 2.4	88	16	77	39	9	58	32	....	....	....	2.25	.....	6	7,477	se.	34	se.	1	9	12	9	5.4	....	....
Palestine	510	64	72	29.45	29.99	+ .03	64.2	− 1.7	86	17	73	35	9	55	29	57	54	75	3.80	− 0.3	8	6,701	s.	25	sw.	23	12	5	13	4.9	....	....
San Antonio	701	109	132	29.23	29.95	+ .02	67.6	− 1.4	87	19	73	39	9	56	32	58	51	65	1.85	− 1.1	5	7,077	sw.	32	e.	30	15	11	4	3.7	....	....
Taylor	582	55	63	29.38	30.00	+ .05	65.2	− 2.3	87	22	76	34	9	54	37	....	....	....	3.87	− 0.1	6	8,751	se.	34	s.	20	9	12	9	5.1	....	....

TABLE I.—*Climatological data for Weather Bureau stations, April, 1916*—Continued.

Districts and stations.	Elevation of instruments.			Pressure.			Temperature of the air.											Precipitation.			Wind.										
	Barometer above sea level.	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.	Total.	Departure from normal.	Days with 0.01 or more.	Total movement.	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.
Ohio Valley and Tennessee.							53.3	− 1.4										67	2.34	− 1.2										6.7		
Chattanooga	762	189	213	29.21	30.02	− .03	59.2	− 0.8	84	20	69	33	10	49	32	50	43	61	2.55	− 1.8	12	6,707	nw.	49	nw.	20	10	11	9	5.4	T.	....
Knoxville	996	93	100	28.94	30.00	− .03	57.4	0.0	85	20	68	29	10	47	36	48	40	58	2.03	− 2.6	13	4,319	sw.	26	sw.	20	9	9	12	6.1	0.1	....
Memphis	399	76	97	29.61	30.03	+ .03	60.2	− 1.6	82	18	68	36	8	52	24	52	47	66	2.32	− 2.5	9	7,200	s.	38	nw.	8	12	7	11	5.2	T.	....
Nashville	546	168	191	29.43	30.02	+ .01	57.2	− 1.9	84	13	67	32	9	48	34	49	43	64	2.49	− 1.9	10	7,916	w.	62	w.	20	11	8	11	5.7	T.	....
Lexington	989	193	230	28.91	29.99	− .03	52.4	− 1.3	79	20	61	29	9	44	29	....	....	....	1.01	− 2.3	10	10,724	sw.	56	w.	20	6	13	11	6.1	3.1	....
Louisville	525	219	255	29.42	30.01	.00	54.0	− 2.2	81	19	62	30	9	46	31	47	42	69	3.17	− 0.9	8	10,639	sw.	52	w.	24	7	7	16	7.0	2.0	....
Evansville	431	139	175	29.53	30.00	.00	54.2	− 2.2	80	19	62	30	9	46	31	47	42	66	1.99	− 1.5	12	9,435	nw.	47	s.	19	7	13	10	6.1	1.5	....
Indianapolis	822	194	230	29.09	29.99	− .01	50.5	− 1.9	78	19	59	28	9	43	36	44	38	68	1.81	− 1.7	12	10,012	nw.	42	nw.	17	4	6	20	7.5	2.0	....
Terre Haute	575	96	129	29.35	29.98	.....	51.6	.....	79	19	61	28	9	43	38	45	40	69	1.39	.....	11	8,529	nw.	41	se.	20	2	19	9	7.2	1.1	....
Cincinnati	628	11	51	29.29	29.98	− .03	51.6	− 2.7	80	19	61	30	9	43	33	45	39	68	2.51	− 0.4	14	6,713	sw.	36	w.	17	3	10	17	7.1	4.5	....
Columbus	824	173	222	29.09	29.97	− .05	49.9	− 1.1	79	20	58	29	7	42	30	45	41	74	2.33	− 0.5	15	8,770	nw.	51	nw.	17	9	9	12	5.9	2.0	....
Dayton	899	181	216	28.99	29.95	.....	50.2	− 1.5	78	19	58	29	8	42	30	44	40	71	2.38	− 0.5	15	8,508	nw.	52	sw.	20	2	10	18	7.5	2.6	....
Pittsburgh	842	353	410	29.05	29.96	− .06	49.2	− 1.8	82	20	58	28	7	41	29	43	37	66	2.54	− 0.4	16	8,466	nw.	52	nw.	14	2	6	22	8.2	5.7	....
Elkins	1,940	41	50	27.92	29.99	− .04	48.0	− 0.7	83	20	59	23	7	37	42	42	36	70	3.43	+ 0.1	12	3,565	w.	29	w.	14	1	8	21	8.2	2.4	....
Parkersburg	638	77	84	29.33	29.99	− .04	52.5	− 0.5	86	20	61	32	7	44	32	46	40	67	2.84	− 0.1	15	4,557	nw.	39	nw.	14	7	8	15	6.6	1.0	....
Lower Lake Region.							45.5	+ 0.4										75	2.34	0.0										6.5		
Buffalo	767	247	280	29.10	29.94	− .07	42.8	+ 0.5	74	16	50	26	7	36	32	39	35	80	2.98	+ 0.5	18	11,022	w.	56	w.	14	7	9	14	6.6	0.4	....
Canton	448	10	61	29.43	29.92	.....	43.8	+ 1.3	72	16	52	24	3	36	35	....	....	....	1.83	− 0.4	15	7,705	sw.	43	ne.	11	8	9	13	6.1	7.8	....
Oswego	335	76	91	29.56	29.93	− .08	42.8	− 0.4	70	16	49	29	7	36	35	39	36	80	1.58	− 0.7	19	7,202	w.	33	n.	14	4	10	16	6.8	0.3	....
Rochester	523	97	113	29.38	29.96	− .05	45.8	+ 1.9	75	16	53	28	7	38	35	40	35	70	2.37	− 0.1	15	6,331	nw.	38	w.	17	7	6	17	6.9	0.7	....
Syracuse	597	97	113	29.30	29.94	− .07	44.4	0.0	71	30	52	27	8	37	34	40	34	72	1.97	− 0.3	16	8,365	nw.	44	nw.	18	5	10	15	6.9	3.5	....
Erie	714	130	166	29.17	29.95	− .07	44.8	+ 0.1	75	20	52	28	10	38	35	41	37	78	5.26	+ 2.9	18	8,790	w.	52	w.	20	5	12	13	6.4	2.5	....
Cleveland	762	190	201	29.13	29.96	− .06	45.9	− 0.1	75	20	53	30	7	39	27	41	37	74	2.43	+ 0.1	17	8,966	w.	42	sw.	20	6	10	14	6.6	0.6	....
Sandusky	629	62	103	29.26	29.95	− .07	47.2	− 0.1	76	16	54	28	10	40	31	42	38	74	1.37	− 1.2	12	9,569	w.	48	sw.	20	3	15	12	6.9	2.0	....
Toledo	628	208	243	29.27	29.96	− .05	48.0	+ 0.7	75	20	56	28	10	40	32	42	37	69	1.30	− 1.0	14	11,515	w.	58	w.	17	10	10	10	5.8	3.8	....
Fort Wayne	856	113	124	29.04	29.97	.....	48.3	− 1.0	78	19	57	25	7	39	33	43	39	74	2.89	.....	14	8,008	sw.	40	w.	17	5	12	13	6.8	2.8	....
Detroit	730	218	245	29.15	29.95	− .07	46.8	+ 1.3	76	20	55	28	10	39	34	42	37	75	2.29	0.0	16	7,317	s.	48	nw.	14	7	10	13	6.2	0.5	....
Upper Lake Region.							41.8	+ 1.0										76	2.59	+ 0.3										6.3		
Alpena	609	13	92	29.28	29.95	− .07	40.1	+ 2.1	69	29	46	22	7	34	30	37	33	79	3.01	+ 0.8	16	8,555	nw.	45	nw.	14	7	8	15	6.3	0.6	....
Escanaba	612	54	60	29.28	29.96	− .06	37.4	+ 0.2	54	17	43	15	7	32	21	34	30	79	2.31	+ 0.3	17	7,079	n.	38	nw.	17	11	3	16	6.1	0.8	....
Grand Haven	632	54	92	29.26	29.95	− .06	43.6	− 0.4	70	20	50	25	7	37	29	39	34	74	2.17	− 0.3	15	8,506	w.	33	w.	17	10	8	12	5.5	0.1	....
Grand Rapids	707	70	87	29.18	29.96	− .06	46.7	+ 0.5	73	20	56	26	9	38	28	40	34	68	2.52	+ 0.1	14	5,407	w.	36	w.	17	5	13	12	6.5	T.	....
Houghton	684	62	72	29.20	29.94	− .08	36.8	− 0.1	75	28	44	11	7	30	44	....	....	....	4.49	+ 2.5	17	6,876	w.	34	se.	20	7	10	13	6.4	4.4	....
Lansing	878	11	62	29.00	29.95	.....	45.7	+ 0.1	78	20	56	23	7	36	34	40	36	75	1.91	− 0.6	16	5,783	nw.	30	nw.	14	8	9	13	6.4	0.2	....
Ludington	637	60	66	29.24	29.95	.....	41.1	.....	68	20	47	22	7	35	25	38	34	78	2.32	.....	17	7,469	s.	37	s.	11	8	12	10	5.6	0.2	....
Marquette	734	77	111	29.17	29.98	− .04	38.4	+ 0.9	71	28	45	18	7	32	35	34	29	73	3.51	+ 1.5	17	7,299	nw.	38	nw.	17	6	7	17	7.4	1.7	....
Port Huron	638	70	120	29.25	29.95	− .07	43.4	+ 1.2	75	20	51	26	10	35	32	39	35	78	1.83	− 0.2	19	7,848	n.	48	nw.	14	9	12	9	6.0	0.8	....
Saginaw	641	48	82	29.25	29.95	.....	45.5	.....	73	20	54	26	7	37	30	41	36	75	1.43	− 1.3	16	7,594	nw.	37	nw.	14	6	5	19	7.4	0.2	....
Sault Ste. Marie	614	11	61	29.26	29.97	− .06	37.6	+ 1.9	66	29	45	15	7	31	38	34	30	78	3.18	+ 1.1	19	6,631	w.	39	nw.	17	8	5	17	6.8	12.1	....
Chicago	823	140	310	29.08	29.97	− .03	48.0	+ 2.1	77	12	55	26	6	41	34	42	37	71	1.60	− 1.3	10	9,854	w.	38	s.	20	8	8	14	6.2	.....	....
Green Bay	617	109	144	29.26	29.93	− .08	43.0	+ 2.3	67	29	51	20	7	35	27	38	34	74	2.39	0.0	12	9,111	ne.	48	nw.	17	4	9	17	7.2	T.	....
Milwaukee	681	119	133	29.21	29.95	− .04	44.8	+ 3.0	69	20	52	23	6	37	24	40	37	80	2.66	0.0	10	8,079	w.	39	e.	19	13	6	11	5.3	.....	....
Duluth	1,133	11	47	28.74	29.98	− .03	38.0	− 0.4	66	28	46	8	6	30	28	34	29	76	3.27	+ 1.1	9	11,385	ne.	53	ne.	19	8	11	11	5.7	1.4	....
North Dakota.							39.7	− 1.0										60	1.52	− 0.4										5.6		
Moorhead	940	8	57	28.99	30.03	+ .04	39.8	− 1.6	70	28	48	10	6	31	37	36	33	82	2.73	+ 0.4	12	7,296	n.	36	s.	28	12	6	12	5.2	8.4	1.5
Bismarck	1,674	8	57	28.25	30.06	+ .09	41.0	− 1.6	73	14	52	16	6	30	41	35	29	69	0.65	− 1.2	8	8,369	nw.	40	n.	7	10	10	10	4.8	0.1	....
Devils Lake	1,482	11	44	28.40	30.01	+ .02	37.8	− 0.4	70	14	47	10	5	29	35	33	28	23	1.09	− 0.9	11	9,241	nw.	34	nw.	16	7	8	15	6.4	4.3	T.
Williston	1,872	41	49	28.01	30.02	+ .06	40.3	− 0.2	75	14	50	14	5	30	39	34	27	65	1.31	+ 0.1	7	6,750	nw.	38	nw.	6	4	16	10	5.8	1.0	T.
Upper Mississippi Valley.							49.3	− 1.2										68	2.46	− 0.5										4.9		
Minneapolis	918	10	203	28.97	29.96	.....	43.6	.....	66	28	51	14	6	36	25	....	....	....	3.07	+ 0.6	11	9,148	n.	38	nw.	16	5	7	18	7.0	1.2	....
St. Paul	837	201	236	29.04	29.96	− .03	43.8	− 1.9	66	28	52	14	6	36	27	....	....	....	3.03	+ 0.7	10	9,968	nw.	64	e.	19	7	12	11	5.8	1.5	....
La Crosse	714	11	48	29.18	29.96	− .02	46.2	− 1.1	68	28	55	20	6	38	30	....	....	....	3.01	+ 0.7	9	4,814	s.	34	nw.	16	7	7	16	6.6	T.	....
Madison	974	70	78	28.91	29.97	− .02	45.3	+ 0.8	67	20	54	19	6	37	24	39	34	70	3.51	+ 1.1	11	8,259	nw.	36	n.	8	7	6	17	6.9	T.	....
Charles City	1,015	10	49	28.89	29.98	.00	44.6	− 1.7	81	12	54	15	6	35	31	40	36	75	3.69	+ 0.9	13	5,906	nw.	30	sw.	12	6	12	12	6.5	0.5	....
Davenport	606	71	79	29.30	29.96	− .02	49.4	− 0.8	79	12	58	23	6	40	29	43	37	67	2.45	− 0.4	13	6,187	nw.	36	sw.	19	4	10	16	7.1	T.	....
Des Moines	861	84	97	29.06	29.97	.00	48.6	− 2.0	87	12	58	21	6	39	31	43	37	67	2.44	− 0.5	12	6,320	n.	38	sw.	12	4	11	15	7.1	1.4	....
Dubuque	698	81	96	29.23	29.99	+ .01	48.2	− 0.7	82	12	57	22	6	39	31	41	34	64	2.69	− 0.2	10	5,859	nw.	27	sw.	19	9	6	15	6.5	T.	....
Keokuk	614	64	78	29.30	29.98	.00	50.8	− 1.2	80	12	60	25	6	42	29	45	40	69	2.44	− 0.9	13	6,184	nw.	46	sw.	19	12	11	7	4.9	T.	....
Cairo	356	87	93	29.60	29.99	.00	56.5	− 1.8	78	19	64	34	8	49	29	50	44	68	1.66	− 1.9	9	8,291	s.	34	s.	19	9	8	13	6.1	T.	....
Peoria	609	11	45	29.32	29.98	− .01	49.8	− 1.1	82	12	59	24	9	40	29	44	38	68	1.60	− 1.7	11	6,394	s.	37	w.	20	8	12	10	5.6	.....	....
Springfield, Ill	644	10	91	29.29	29.98	.00	51.6	− 0.4	84	12	61	27	6	42	36	45	39	67	1.43	− 1.9	14	7,097	nw.	34	sw.	20	4	7	19	7.2	0.6	....
Hannibal	534	74	109	29.40	29.98	.00	51.8	− 1.8	84	12	61	28	6	43	31	....	....	....	1.64	− 1.6	16	7,531	sw.	38	w.	19	8	9	13	6.1	T.	....
St. Louis	567	265	303	29.37	29.98	.00	54.4	− 1.7	85	12	63	30	6	46	32	47	42	67	1.78	− 1.7	13	10,508	nw.	49	sw.	19	8	9	13	5.8	0.5	....
Missouri Valley.							48.8	− 1.6										63	2.35	− 0.5										6.3		
Columbia, Mo.	781	11	84	29.14	29.98	.00	53.0	− 1.3	84	12	62	30	9	44	32	....	....	....	2.68	− 1.0	14	6,650	nw.	38	w.	19	5	8	17	7.3	1.0	....
Kansas City	963	161	181	28.95	29.99	+ .03	52.6	− 1.7	80	11	61	30	7	45	29	46	41	68	4.16	+ 0.9	11	8,960	n.	43	nw.	21	7	11	12	6.1	4.1	....
St. Joseph	967	11	49	28.94	29.99	.....	51.8	.....	85	12	62	28	9	42	31	44	38	66	2.96	.....	10	6,945	nw.	39	nw.	21	8	9	13	6.3	1.4	....
Springfield, Mo.	1,324	98	104	28.58	29.99	+ .02	52.8	− 2.9	80	18	61	28	9	44	29	46	42	72	5.15	+ 1.3	14	8,600	s.	40	sw.	19	12	10	8	4.8	5.2	....
Iola	984	11	50	28.92	29.98	+ .03	52.6	− 1.6	80	22	62	28	9	44	37	....	....	....	3.83	+ 1.0	11	6,685	ne.	30	s.	19	7	13	10	5.8	6.7	....
Topeka	983	85	101	.....	.....	.....	52.0	− 1.7	82	12	61	27	9	43	36	....	....	....	2.26	− 0.5	11	8,114	nw.	46	w.	19	5	13	12	6.5	1.7	....
Drexel	1,299	10	53	28.60	30.01	.....	47.4	.....	85	12	58	22	6	37	39	42	37	73	1.79	.....	9	8,483	nw.	39	s.	12	4	10	16	7.3	4.7	....
Lincoln	1,189	11	84	28.71	29.99	+ .05	49.2	− 1.5	86	11	60	24	9	39	44	42	36	66	2.69	− 0.1	10	7,744	n.	40	nw.	20	5	12	13	6.8	2.4	....
Omaha	1,105	115	121	28.80	30.00	+ .05	49.5	− 1.0	86	12	59	24	6	40	38	43	36	66	1.72	− 1.3	11	6,817	nw.	38	nw.	21	6	12	12	6.5	0.4	....
Valentine	2,598	47	54	27.28	30.02	+ .08	44.2	− 1.2	81	11	56	17	8	33	42	39	35	74	0.59	− 1.7	9	7,813	nw.	39	sw.	28	8	10	12	5.9	1.5	....
Sioux City	1,135	94	164	28.77	30.00	+ .05	47.0	− 1.5	82	12	56	19	6	38	39	41	34	67	1.12	− 1.6	11	9,699	nw.	48	nw.	16	8	13	9	5.4	3.1	....
Huron	1,306	59	74	28.62	30.04	+ .08	43.4	− 1.2	73	12	54	14	6	33	40	38	32	72	1.16	− 1.5	10	9,216	nw.	41	s.	28	4	12	14	6.7	1.4	....
Pierre	1,572	70	75	28.35	30.03	+ .08	44.6	− 1.9	73	14	56	17	6	34	44	38	30	63	1.06	− 0.9	13	7,942	nw.	42	nw.	7	6	10	14	6.2	2.2	....
Yankton	1,233	49	57	28.66	29.99	+ .04	46.2	− 1.2	81	12	56	19	6	37	38	....	....	....	1.74	− 1.1	11	7,105	nw.	34	s.	28	5	11	14	6.8	1.6	....

TABLE I.—*Climatological data for Weather Bureau stations, April, 1916*—Continued.

Districts and stations.	Elevation of instruments.			Pressure.			Temperature of the air.													Precipitation.			Wind.										
	Barometer above sea level.	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.	Total.	Departure from normal.	Days with 0.01 or more.	Total movement.	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.							43.4	+ 0.6										61	0.82	− 0.8										4.5		
Havre	2,505	11	44	27.35	30.00	+ .07	43.8	+ 1.1	84	27	57	17	7	30	51	37	29	63	0.69	− 0.3	6	6,485	sw.	42	w.	21	12	15	3	4.5	0.1	....
Helena	4,110	87	114	25.80	30.02	+ .05	44.2	+ 2.2	76	27	55	25	30	33	37	36	26	54	1.65	+ 0.5	9	7,158	sw.	39	sw.	21	7	15	8	5.5	9.7	....
Kalispell	2,962	11	34	26.95	30.03	+ .07	43.5	+ 1.0	77	26	55	26	30	32	42	36	29	64	0.73	− 0.3	8	3,852	w.	26	w.	27	7	15	8	5.8	T.	....
Miles City	2,371	26	48	27.49	30.06	+ .10	46.2	+ 1.5	82	27	59	18	8	33	45	38	31	62	0.22	− 1.0	4	4,982	n.	30	nw.	12	13	11	6	4.3	1.3	....
Rapid City	3,259	50	58	26.60	30.06	+ .11	42.8	− 0.7	70	11	53	12	8	33	39	36	28	58	1.24	− 1.1	11	7,367	n.	44	n.	20	8	9	13	5.9	1.9	....
Cheyenne	6,088	84	101	23.96	29.98	+ .07	40.2	− 1.4	73	28	52	12	8	29	40	33	27	64	0.48	− 1.4	8	9,213	n.	42	n.	7	3	12	15	6.9	2.4	....
Lander	5,372	60	68	24.61	29.99	+ .05	43.5	+ 1.3	76	27	57	17	6	30	43	35	24	54	0.62	− 1.8	6	4,358	w.	48	sw.	28	8	16	6	5.4	3.0	....
Sheridan	3,790	10	47	26.11	30.04	.....	43.2	.....	77	27	55	20	8	31	47	36	29	64	2.71	.....	12	4,962	nw.	35	nw.	6	8	9	13	5.8	7.3	....
Yellowstone Park	6,200	11	48	23.84	30.00	+ .04	38.4	+ 1.4	66	26	50	17	4	27	38	31	24	60	1.05	− 0.3	10	5,644	nw.	38	s.	17	9	10	11	5.6	5.9	....
North Platte	2,821	11	51	27.08	30.02	+ .10	47.8	− 1.2	87	11	61	19	8	35	44	40	33	63	0.72	− 1.4	7	5,935	n.	39	n.	7	9	12	9	5.4	0.3	....
Middle Slope.							50.5	− 3.2										66	2.60	− 0.4										6.1		
Denver	5,292	106	113	24.69	29.97	+ .07	46.4	− 1.3	80	28	58	19	8	35	34	37	28	58	1.93	− 0.2	9	5,393	se.	40	n.	12	4	15	11	6.2	11.5	1.0
Pueblo	4,685	80	86	25.26	29.95	+ .07	48.6	− 1.9	84	28	62	22	8	35	48	38	29	57	2.02	+ 0.6	10	4,740	se.	39	w.	18	6	17	7	5.7	6.7	T.
Concordia	1,392	50	58	28.52	30.01	+ .08	50.2	− 3.4	85	11	61	24	9	40	42	43	36	66	1.82	− 0.6	9	7,146	nw.	37	nw.	7	1	14	15	7.4	0.9	....
Dodge	2,509	11	51	27.39	30.01	+ .11	50.2	− 4.2	88	11	62	22	8	38	42	42	37	70	2.84	+ 1.0	9	8,570	nw.	43	nw.	19	10	11	9	5.5	4.9	....
Wichita	1,358	139	158	28.52	29.96	+ .06	52.2	− 4.4	80	19	61	28	9	44	32	46	41	70	3.87	+ 1.2	9	10,969	ne.	48	nw.	19	11	4	15	6.0	5.3	....
Oklahoma	1,214	10	47	28.69	29.98	+ .06	55.4	− 4.2	84	19	65	27	9	46	29	49	45	74	3.15	+ 0.4	9	12,239	s.	50	s.	29	6	14	10	5.6	.....	....
Southern Slope.							60.2	− 2.2										48	2.31	+ 0.4										4.3		
Abilene	1,738	10	52	28.14	29.94	+ .04	61.6	− 2.8	92	23	73	33	9	50	37	51	43	60	5.13	+ 2.8	7	9,066	s.	38	nw.	25	12	8	10	5.2	.....	....
Amarillo	3,676	10	49	26.23	29.96	+ .09	52.9	− 1.7	87	11	66	26	8	40	47	43	36	64	1.71	0.0	8	9,123	ne.	42	ne.	7	18	7	5	4.1	T.	....
Del Rio	944	64	71	28.95	29.93	+ .04	69.2	− 0.8	92	16	81	43	2	58	36	....	....	....	0.29	− 1.6	3	8,719	se.	42	n.	26	12	12	6	4.2	.....	....
Roswell	3,566	75	85	26.32	29.91	+ .06	57.2	− 3.4	86	29	72	25	8	42	45	43	26	39	1.11	+ 0.6	6	6,789	s.	40	nw.	15	17	6	7	3.6	.....	....
Southern Plateau.							58.6	+ 0.8										40	0.52	0.0										2.6		
El Paso	3,762	110	133	26.13	29.86	+ .03	62.7	− 1.1	88	17	76	34	1	50	35	46	25	31	0.20	0.0	1	9,193	w.	49	ne.	30	19	10	1	2.5	.....	....
Santa Fe	7,013	57	66	23.20	29.90	+ .06	46.6	− 1.0	72	28	58	21	8	35	34	36	26	53	2.50	+ 1.6	7	5,965	e.	40	sw.	19	9	15	6	4.8	13.2	....
Flagstaff	6,908	8	57	23.31	29.88	+ .04	44.2	+ 2.0	74	27	60	17	8	29	45	....	....	....	0.06	− 1.6	3	.....	w.	45	w.	29	20	9	1	....	0.2	....
Phoenix	1,108	76	81	28.72	29.86	− .01	68.2	+ 1.6	95	25	83	44	1	54	41	52	36	37	0.15	− 0.3	1	3,970	e.	23	se.	11	20	9	1	2.4	.....	....
Yuma	141	9	54	29.71	29.86	− .03	73.0	+ 2.9	101	27	90	47	1	56	40	56	41	39	0.01	− 0.1	1	4,177	w.	23	n.	30	28	2	0	0.6	.....	....
Independence	3,910	11	42	25.94	29.90	.00	56.9	+ 0.2	84	28	74	33	8	40	41	....	....	....	0.21	+ 0.1	1	5,471	n.	30	w.	17	23	6	1	....	.....	....
Middle Plateau.							50.3	+ 1.4										42	0.38	− 0.8										4.6		
Reno	4,532	74	81	25.19	30.01	+ .04	50.1	+ 2.8	75	25	64	28	12	36	39	38	26	44	0.11	− 0.5	2	5,818	w.	33	w.	18	22	6	2	4.6	T.	....
Tonopah	6,090	12	20	24.05	29.94	.....	49.9	.....	73	27	61	26	12	39	27	37	32	38	0.66	− 1.0	2	6,986	nw.	34	nw.	5	13	14	3	3.7	5.0	....
Winnemucca	4,344	18	56	25.62	30.01	+ .05	49.0	+ 1.9	80	26	65	24	19	33	48	37	24	46	0.19	− 0.7	3	5,155	sw.	34	sw.	21	17	4	9	4.2	.....	....
Modena	5,479	10	43	24.58	29.91	+ .03	48.2	+ 1.3	78	27	64	21	30	32	44	35	18	38	0.23	− 0.6	3	8,556	w.	45	s.	11	17	10	3	3.4	.....	....
Salt Lake City	4,360	147	189	25.58	29.94	+ .02	51.6	+ 1.5	81	27	61	31	19	42	29	41	30	45	0.88	− 1.4	7	6,208	nw.	39	nw.	11	7	14	9	5.3	0.6	....
Grand Junction	4,602	82	96	25.33	29.90	+ .02	52.7	− 0.5	82	28	66	7	20	40	36	40	26	42	0.20	− 0.6	4	5,323	se.	37	w.	18	9	13	8	5.4	0.9	....
Northern Plateau.							49.8	+ 0.8										53	0.97	− 0.4										5.4		
Baker	3,471	48	53	26.48	30.08	+ 0.8	45.5	+ 2.0	77	26	58	23	19	31	39	59	31	62	0.85	− 0.1	8	4,794	se.	27	se.	20	17	6	7	3.9	T.	....
Boise	2,739	78	86	27.18	30.05	+ .07	51.4	+ 1.3	83	26	64	29	5	39	36	41	29	46	0.80	− 0.4	5	4,585	nw.	30	nw.	4	11	6	13	5.6	.....	....
Lewiston	757	40	48	29.26	30.08	+ .09	52.2	− 0.7	82	26	64	33	16	40	42	....	....	....	0.81	− 0.3	10	2,771	e.	26	w.	4	8	10	12	6.0	.....	....
Pocatello	4,477	46	54	25.45	29.97	+ .03	48.0	+ 1.2	76	25	60	26	3	36	34	38	26	47	0.36	− 1.7	4	6,962	sw.	38	sw.	19	8	13	9	5.4	0.1	....
Spokane	1,929	109	110	28.00	30.07	+ .08	48.4	+ 0.7	80	26	59	31	16	38	37	41	32	58	1.16	− 0.1	9	5,083	sw.	30	sw.	21	4	11	15	6.8	3.9	....
Walla Walla	991	57	65	28.97	30.05	+ .04	53.1	+ 0.3	78	26	63	36	12	43	31	45	35	54	1.83	+ 0.1	9	4,288	s.	22	sw.	4	13	11	6	4.5	.....	....
North Pacific Coast Region.							49.6	+ 0.5										77	3.33	− 0.1										6.6		
North Head	211	11	56	29.91	30.14	+ .09	46.8	− 0.7	56	25	50	39	18	44	9	45	43	86	3.32	+ 0.1	19	12,212	nw.	70	se.	26	4	7	19	7.2	.....	....
Seattle	125	215	250	30.01	30.14	+ .11	49.0	− 0.4	66	26	56	38	22	42	23	44	39	72	1.98	− 0.7	16	7,195	s.	40	sw.	21	3	10	17	7.2	.....	....
Tacoma	213	113	120	29.91	30.14	+ .11	49.2	+ 0.3	68	26	57	34	16	41	27	44	40	73	2.86	+ 0.1	17	4,740	sw.	29	sw.	18	3	12	15	7.0	.....	....
Tatoosh Island	109	7	57	30.00	30.10	+ .10	46.2	+ 0.1	55	2	50	38	21	42	14	44	42	89	6.70	+ 0.4	22	10,865	s.	49	s.	18	4	8	18	7.0	.....	....
Portland, Oreg.	153	68	106	29.97	30.13	+ .07	53.0	+ 1.8	73	7	62	36	12	44	39	46	39	63	2.85	− 0.2	18	4,466	w.	31	w.	18	4	13	13	6.5	.....	....
Roseburg	510	9	57	29.60	30.16	+ .09	53.6	+ 1.7	80	13	66	32	12	40	43	45	38	65	2.28	− 0.2	12	2,313	nw.	23	sw.	26	10	18	2	4.4	.....	....
Middle Pacific Coast Region.							56.3	+ 2.7										63	0.36	− 1.7										2.6		
Eureka	62	73	89	30.10	30.17	+ .06	50.2	+ 0.7	70	26	56	38	12	44	26	47	45	87	1.98	− 2.0	9	6,058	n.	36	n.	1	10	13	7	5.1	.....	....
Mt. Tamalpais	2,375	11	18	27.60	30.08	+ .03	53.3	+ 3.8	75	30	61	36	11	45	23	44	34	52	0.05	− 1.4	3	16,483	nw.	84	nw.	10	23	7	0	1.8	.....	....
Point Reyes Light	490	7	18	29.52	30.04	.....	51.6	+ 3.0	65	27	56	44	9	47	17	....	....	....	0.01	.....	1	18,426	nw.	87	nw.	11	14	12	4	4.0	.....	....
Red Bluff	332	50	56	29.68	30.03	.00	62.5	+ 3.4	87	30	75	42	19	50	32	50	37	45	0.01	− 1.8	2	4,720	nw.	30	nw.	29	20	8	2	2.5	.....	....
Sacramento	69	106	117	29.96	30.03	+ .02	61.0	+ 3.0	85	30	74	41	18	48	33	52	44	61	0.06	− 1.9	2	6,324	s.	37	nw.	29	27	3	0	1.2	.....	....
San Francisco	155	209	213	29.91	30.08	+ .03	57.6	+ 3.9	83	30	65	46	9	50	27	51	46	72	0.00	− 1.8	0	6,914	sw.	31	sw.	13	22	8	0	1.8	.....	....
San Jose	141	12	110	29.92	30.07	.....	57.6	+ 0.9	85	30	71	36	16	44	41	....	....	....	0.06	− 1.4	1	3,970	nw.	24	w.	11	28	2	0	1.5	.....	....
South Pacific Coast Region.							61.0	+ 3.0										69	0.06	− 1.0										2.5		
Fresno	327	89	98	29.66	30.02	+ .03	62.4	+ 1.2	84	10	76	42	18	48	39	52	42	55	0.02	− 0.7	1	6,521	nw.	28	nw.	10	22	8	0	1.7	.....	....
Los Angeles	338	159	191	29.62	29.98	− .01	62.4	+ 4.8	84	7	72	49	12	53	31	54	49	70	T.	− 1.1	0	3,937	sw.	16	s.	18	20	6	4	3.0	.....	....
San Diego	87	62	70	29.89	29.98	− .01	60.2	+ 2.0	79	7	67	48	7	54	31	55	51	78	0.01	− 0.7	1	4,341	nw.	22	w.	11	21	6	3	3.0	.....	....
San Luis Obispo	201	32	40	29.85	30.07	+ .02	59.0	+ 3.8	86	20	72	37	13	46	40	51	46	72	0.21	− 1.3	3	3,470	nw.	18	w.	17	23	4	3	2.3	.....	....
West Indies.																																	
San Juan	82	8	54	29.90	29.99	+ .01	76.6	.....	90	26	82	65	3	71	18	....	....	....	3.61	− 0.2	9	9,316	ne.	32	e.	9	10	17	3	4.3	.....	....
Panama.																																	
Balboa Heights	118	7	97	29.73	29.85	.....	81.2	.....	92	5	89	69	1	74	20	74	73	83	2.84	0.0	14	5,432	nw.	27	n.	10	4	10	16	6.9	.....	....
Colon	25	5	71	29.84	29.86	.....	81.8	.....	89	27	86	73	1	77	14	77	76	84	6.25	+ 2.0	12	8,424	n.	31	ne.	12	4	18	8	6.0	.....	....

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 April, 1916, 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.	25-26			1.60														*			
Albany, N. Y.	22-24			0.85														0.25			
Alpena, Mich.	19-20			1.05														.29			
Amarillo, Tex.	14			0.97														.16			
Anniston, Ala.	20			0.41														.37			
Asheville, N. C.	2-3			0.65														.16			
Atlanta, Ga.	16			0.23														.21			
Atlantic City, N. J.	8-9			0.60														*			
Augusta, Ga.	29	12:15 p. m.	2:05 p. m.	0.65	12:49 p. m.	1:08 p. m.	0.02	0.11	0.27	0.42	0.53										
Baker, Oreg.	17			0.17														.14			
Baltimore, Md.	8-9			1.86														.25			
Bentonville, Ark.	20			1.05														.57			
Binghamton, N. Y.	14			0.77														.21			
Birmingham, Ala.	20			0.42														.38			
Bismarck, N. Dak.	19			0.43														.34			
Block Island, R. I.	22			0.71														.28			
Boise, Idaho.	18			0.38														*			
Boston, Mass.	22-24			1.55														.28			
Buffalo, N. Y.	12-13			0.92														*			
Burlington, Vt.	22-24			0.56														*			
Cairo, Ill.	20			1.05														.29			
Canton, N. Y.	22-23			0.58														.16			
Charles City, Iowa.	18-20			1.12														*			
Charleston, S. C.	3	d. n. a. m.	d. n. a. m.	1.28	2:27 a. m.	3:04 a. m.	.02	.07	.11	.28	.42	0.55	0.69	0.77	0.81						
Charlotte, N. C.	5			0.74														.35			
Chattanooga, Tenn.	16	1:48 p. m.	5:02 p. m.	0.47	2:15 p. m.	2:25 p. m.	.01	.23	.34												
Cheyenne, Wyo.	12			0.17														*			
Chicago, Ill.	18-19			0.52														.23			
Cincinnati, Ohio.	20	6:53 p. m.	9:50 p. m.	0.57	7:09 p. m.	7:15 p. m.	.01	.29	.31												
Cleveland, Ohio.	16			0.47														.36			
Columbia, Mo.	30			0.60														.26			
Columbia, S. C.	3			0.54														.31			
Columbus, Ohio.	26-27			0.96														.16			
Concord, N. H.	23-24			1.22														.14			
Concordia, Kans.	19-20			0.51														.26			
Corpus Christi, Tex.	24			0.35														.34			
Davenport, Iowa.	19-20			0.47														.31			
Dayton, Ohio.	20			0.92														.32			
Del Rio, Tex.	26			0.20														*			
Denver, Colo.	29-30			0.82														*			
Des Moines, Iowa.	29-30			1.21														*			
Detroit, Mich.	13	4:55 p. m.	7:10 p. m.	0.41	6:34 p. m.	6:44 p. m.	.03	.16	.36												
Devils Lake, N. Dak.	18-19			0.51														.10			
Dodge City, Kans.	4-5			1.29														*			
Dubuque, Iowa.	19	5:42 p. m.	7:05 p. m.	0.48	6:10 p. m.	6:17 p. m.	.01	.34	.39												
Duluth, Minn.	19-21			2.04														.23			
Durango, Colo.																					
Eastport, Me.	18			0.71														.26			
Elkins, W. Va.	24-25			0.90														*			
El Paso, Tex.	1			0.20														.06			
Erie, Pa.	20	5:49 p. m.	6:45 p. m.	0.50	5:49 p. m.	6:00 p. m.	.00	.20	.44	.47											
Escanaba, Mich.	19-23			1.56														.18			
Eureka, Cal.	21			0.37														.17			
Evansville, Ind.	20			1.08														.45			
Flagstaff, Ariz.	13			0.03														*			
Fort Smith, Ark.	20	D. N. a. m.	8:50 a. m.	0.90	5:41 a. m.	6:22 a. m.	.01	.17	.20	.27	.36	.48	.54	.64	.68						
Fort Wayne, Ind.	25-27			1.36														.18			
Fort Worth, Tex.	23	7:10 p. m.	11:10 p. m.	0.37	8:06 p. m.	8:16 p. m.	.02	.21	.30												
Fresno, Cal.	11			0.02														.01			
Galveston, Tex.	1			0.99														.49			
Grand Haven, Mich.	16			0.31														.23			
Grand Junction, Colo.	19			0.13														.07			
Grand Rapids, Mich.	19			0.59														.25			
Green Bay, Wis.	19	8:45 p. m.	11:15 p. m.	0.66	10:35 p. m.	10:50 p. m.	.16	.23	.34	.46											
Hannibal, Mo.	19-21			0.42														.25			
Harrisburg, Pa.	21-22			0.99														*			
Hartford, Conn.	8-9			1.04														*			
Hatteras, N. C.	26	8:33 p. m.	9:40 p. m.	0.80	8:40 p. m.	8:54 p. m.	.02	.28	.48	.54											
Havre, Mont.	11			0.55														.20			
Helena, Mont.	4-5			0.77														*			
Houghton, Mich.	19-23			3.19														*			
Houston, Tex.	1	11:43 a. m.	3:15 p. m.	0.88	2:39 p. m.	2:59 p. m.	.17	.15	.44	.56	.67										
Huron, S. Dak.	18			0.16														*			
Independence, Cal.	11			0.21														.17			
Indianapolis, Ind.	20			0.88														.27			
Iola, Kans.	13			0.58														.36			
Jacksonville, Fla.	2-3			0.27														.15			
Kalispell, Mont.	29			0.26														*			
Kansas City, Mo.	30			2.32														*			
Keokuk, Iowa.	30			0.60														*			
Key West, Fla.	3			0.21														.08			
Knoxville, Tenn.	7-8			0.72														*			
La Crosse, Wis.	18-19			1.28														.36			
Lander, Wyo.	2			0.24														*			
Lansing, Mich.	13-14			0.48														.28			
La Salle, Ill.																					
Lewiston, Idaho.	4-5			0.25														.11			
Lexington, Ky.	16			0.20														.19			
Lincoln, Nebr.	19-20	6:52 p. m.	9:25 a. m.	1.83	7:11 p. m.	7:41 p. m.	.02	.09	.30	.60	.82	.91	.97								
Little Rock, Ark.	20			0.69														.60			
Los Angeles, Cal.	4,10,11			T.														T.			
Louisville, Ky.	20	9:34 a. m.	D.N.p. m.	1.63	3:28 p. m.	3:43 p. m.	.20	.07	.20	.35											
Ludington, Mich.	19-21			0.66														.21			
Lynchburg, Va.	5-6			0.66														.23			
Macon, Ga.	21			0.31														.22			
Madison, Wis.	18-20			1.57														.26			
Marquette, Mich.	19-21			1.63														.29			
Memphis, Tenn.	20			0.70														.45			

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 April, 1916, 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.
Meridian, Miss	16	10:07 a. m.	2:30 p. m.	0.80	10:16 a. m.	10:31 a. m.	0.07	0.20	0.43	0.51											
Miami, Fla	28			0.24														0.23			
Milwaukee, Wis	18-21			0.86														.23			
Minneapolis, Minn	29			0.53														.22			
Mobile, Ala	2	6:47 a. m.	9:10 a. m.	1.18	7:27 a. m.	8:09 a. m.	.02	.06	.17	.23	0.36	0.49	0.76	1.01	1.10	1.14					
	20-21	3:10 p. m.	D.N.a.m.	3.73	12:17 a. m.	12:52 a. m.	2.07	.12	.38	.69	.97	1.17	1.37	1.48							
Modena, Utah	12			0.08														.08			
Montgomery, Ala	2-3			0.98														.51			
Moorhead, Minn	19-21			1.25														.14			
Mount Tamalpais, Cal	10-11			0.04														.01			
Mount Weather, Va																					
Nantucket, Mass	14-15			0.82														.19			
Nashville, Tenn	20	4:30 p. m.	8:40 p. m.	1.40	4:40 p. m.	4:58 p. m.	.01	.10	.34	.44	.50										
New Haven, Conn	14-15			0.98														*			
New Orleans, La	16	11:45 a. m.	3:30 p. m.	1.03	12:35 p. m.	12:50 p. m.	.14	.10	.25	.38											
New York, N. Y	14			1.37														.29			
Norfolk, Va	5-6			1.17														.25			
Northfield, Vt	22-23			0.79														*			
North Head, Wash	19			0.87														.23			
North Platte, Nebr	23			0.42														.12			
Oklahoma, Okla	13-14			0.90														*			
Omaha, Nebr	18	4:10 a. m.	5:30 a. m.	1.10	4:28 a. m.	5:13 a. m.	.05	.08	.20	.38	.52	.59	.63	.86	.96	1.03					
Oswego, N. Y	20-25			0.62														*			
Palestine, Tex	1	7:02 a. m.	1:35 p. m.	0.96	7:46 a. m.	7:52 a. m.	.12	.27	.29												
Parkersburg, W. Va	21	12:58 p. m.	5:20 p. m.	1.27	1:27 p. m.	1:53 p. m.	.09	.27	.37	.53	.76	.92	.96								
	2	8:25 a. m.	12 noon.	1.27	9:59 a. m.	10:30 a. m.	.06	.19	.33	.41	.54	.64	.67								
Pensacola, Fla	20-21	9:15 p. m.	3:15 a. m.	2.12	9:29 p. m.	10:05 p. m.	.10	.21	.38	.66	.78	.86	.96	1.00							
					12:56 a. m.	1:27 a. m.	.06	.17	.21	.34	.40	.51	.56								
Peoria, Ill	1			0.32														.18			
Philadelphia, Pa	8-9			1.15														*			
Phoenix, Ariz	13			0.15														.05			
Pierre, S. Dak	15-16			0.25														.10			
Pittsburgh, Pa	8-9			0.57														*			
Pocatello, Idaho	11			0.19														.15			
Point Reyes Light, Cal	20			0.01														.01			
Port Huron, Mich	12			0.26														.16			
Portland, Me	22-24			1.77														.15			
Portland, Oreg	19-21			0.76														.17			
Providence, R. I	27-28			0.83														*			
Pueblo, Colo	29-30			1.16														*			
Raleigh, N. C	5			0.76														.35			
Rapid City, S. Dak	18-19			0.60														.50			
Reading, Pa	21	5:45 p. m.	6:33 p. m.	0.75	5:57 p. m.	6:20 p. m.	.05	.05	.19	.35	.63	.68									
Red Bluff, Cal	10			0.02														.02			
Reno, Nev	1			0.10														.04			
Richmond, Va	5-6			0.61														.23			
Rochester, N. Y	21-24			1.21														*			
Roseburg, Oreg	9-11			1.23														.16			
Roswell, N. Mex	13			0.36														.15			
Sacramento, Cal	11			0.03														.03			
Saginaw, Mich	19			0.34														.24			
St. Joseph, Mo	18			0.54														.46			
St. Louis, Mo	14-16			.51														.31			
St. Paul, Minn	20			0.65														.23			
Salt Lake City, Utah	18			0.28														.15			
San Antonio, Tex	15			1.11														.47			
San Diego, Cal	12			0.01														.01			
Sand Key, Fla	3			0.28														.14			
Sandusky, Ohio	20			0.22														.16			
San Francisco, Cal	‡																				
San Jose, Cal	10			0.06														.05			
San Luis Obispo, Cal	10-11			0.20														.08			
Santa Fe, N. Mex	26			0.47														.21			
Sault Ste. Marie, Mich	20-21			0.72														*			
Savannah, Ga	3			1.40														*			
Scranton, Pa	13			0.60														.24			
Seattle, Wash	26-28			0.79														.23			
Sheridan, Wyo	15			0.35														.20			
Shreveport, La	1			2.29														.67			
Sioux City, Iowa	19			0.22														.21			
Southeast Farallone, Cal																					
Spokane, Wash	20-21			0.54														.08			
Springfield, Ill	20			0.44														.28			
Springfield, Mo	20	D. N. a. m.	10:20 a. m.	1.24	1:59 a. m.	2:08 a. m.	.13	.31	.36												
Syracuse, N. Y	22-24			0.67														*			
Tacoma, Wash	26-28			1.06														.20			
Tampa, Fla	17	3:13 p. m.	4:18 p. m.	0.78	3:22 p. m.	4:08 p. m.	.01	.16	.28	.31	.33	.37	.44	.55	.64	.72	.76				
Tatoosh Island, Wash	11-15			1.80														.24			
Taylor, Tex	1	7:54 a. m.	9:52 a. m.	2.24	7:57 a. m.	9:15 a. m.	.01	.07	.48	.82	.92	1.06	1.08	1.10	1.22	1.33	1.42	1.82	2.15		
Terre Haute, Ind	16			0.24														.15			
Thomasville, Ga	2-3	3:20 p. m.	D. N. a. m.	1.73	3:55 p. m.	4:12 p. m.	.08	.13	.29	.38	.43										
Toledo, Ohio	8			0.42														*			
Tonopah, Nev	11			0.64														*			
Topeka, Kans	30			0.94														.25			
Valentine, Nebr	23			0.22														.14			
Vicksburg, Miss	1-2			0.76														.46			
Walla Walla, Wash	10-11			1.03														*			
Washington, D. C	21	4:55 p. m.	6:45 p. m.	0.57	5:09 p. m.	5:26 p. m.	.01	.24	.38	.46	.50										
Wichita, Kans	14-15			0.59														.35			
Williston, N. Dak	19-20			1.09														*			
Wilmington, N. C	5-6			0.40														.33			
Winnemucca, Nev	11			0.15														.07			
Wytheville, Va	5			0.52														.27			
Yankton, S. Dak	18			0.35														.31			
Yellowstone Park, Wyo	1-2			0.34														*			

* Self-register not working. † Record partly estimated. ‡ No precipitation occurred during month.

TABLE III.—*Data furnished by the Canadian Meteorological Service, April, 1916.*

Stations.	Altitude above M. S. L.* Jan. 1, 1916.	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. John's, N. F	125	29.70	29.84	−0.05	37.0	+2.5	42.6	31.5	59	21	2.48	−1.68	8.2
Sydney, C. B. I	48	29.86	*29.90*	+ *.01*	36.2	+1.2	42.9	29.5	54	17	4.04	+0.19	6.0
Halifax, N. S	88	29.78	*29.89*	− *.07*	40.1	+2.8	47.5	32.7	62	24	5.62	+1.44	1.3
Yarmouth, N. S	65	29.79	29.86	− .10	39.2	+0.3	45.3	33.0	59	24	2.90	−0.69	1.7
Charlottetown, P. E. I	38	29.87	29.91	+ .01	36.9	+1.7	43.0	30.8	53	21	3.39	+0.74	11.5
Chatham, N. B	28	29.93	*29.95*	+ *.05*	39.2	+3.7	48.4	30.1	58	20	2.47	−0.16	7.9
Father Point, Que	20	29.92	29.94	+ .01	36.7	+3.5	42.6	30.9	52	12	0.12	−1.46	0.8
Quebec, Que	296	29.62	29.95	− .04	40.0	+4.9	48.1	32.0	63	18	1.26	−0.83	2.7
Montreal, Que	187	29.71	29.92	− .08	44.2	+4.5	52.1	36.3	66	22	1.58	−0.66	6.7
Stonecliffe, Ont	489	29.32	*29.94*	− *.08*	41.7	+3.8	52.8	30.6	72	14	1.41	−0.15	0.9
Ottawa, Ont	236	29.66	*29.99*	− *.03*	43.5	+3.5	51.9	35.1	71	20	3.34	+1.84	18.7
Kingston, Ont	285	29.62	29.94	− .08	43.9	+3.9	51.5	36.3	64	26	3.51	+1.72	1.4
Toronto, Ont	379	29.52	*29.94*	− *.08*	44.4	+3.6	51.9	36.9	69	25	3.24	+0.87	1.9
White River, Ont	1,244	29.59	*29.93*	− *.11*	33.4	+0.4	44.8	22.0	62	−10	2.33	+1.08	6.0
Port Stanley, Ont	592	29.31	29.97	− .05	41.6	+0.6	49.4	33.9	67	22	3.20	+0.73	1.1
Southampton, Ont	656	29.24	.....	.....	41.2	+2.5	48.8	33.7	69	21	3.12	+1.32	0.2
Parry Sound, Ont	688	29.23	29.93	− .09	41.4	+3.8	50.8	32.1	67	13	4.38	+2.67	12.0
Port Arthur, Ont	644	29.24	29.95	− .08	37.5	+4.0	46.0	29.0	64	14	3.15	+1.43	8.8
Winnipeg, Man	760	29.19	30.05	+ .03	37.3	+1.4	47.3	27.3	66	3	0.30	−0.75	0.2
Minnedosa, Man	1,690	28.17	30.02	+ .01	35.9	−0.1	46.8	25.1	65	3	0.81	−0.25	4.6
Qu'Appelle, Sask	2,115	27.70	29.99	.00	35.9	−1.5	45.4	26.4	68	0	1.25	+0.20	7.6
Medicine Hat, Alberta	2,144	27.64	*29.93*	+ *.01*	46.2	+1.7	61.3	31.2	85	16	0.18	−0.56	.....
Swift Current, Sask	2,392	27.35	*29.93*	− *.03*	41.4	+0.1	53.9	28.9	80	18	0.62	−0.31	3.8
Calgary, Alberta	3,428	26.39	*29.94*	+ *.04*	43.0	+3.4	37.0	29.1	76	22	0.85	−0.21	3.2
Banff, Alberta	4,521	25.35	*29.96*	+ *.06*	38.0	+4.7	48.7	27.4	69	19	2.48	+1.40	21.7
Edmonton, Alberta	2,150	27.63	*29.93*	+ *.04*	42.1	+2.2	54.2	30.1	70	17	1.17	+0.29	2.0
Prince Albert, Sask	1,450	28.40	*29.93*	*.00*	38.2	+2.1	49.9	26.6	75	2	1.21	+0.44	2.3
Battleford, Sask	1,592	28.19	*29.95*	− *.02*	40.2	+3.0	52.3	28.0	76	15	0.73	+0.26	.....
Kamloops, B. C	1,262	28.76	30.07	+ .14	49.7	+0.8	61.4	38.1	74	28	0.57	+0.18	.....
Victoria, B. C	230	29.84	30.10	+ .09	48.0	+1.2	54.4	41.5	63	37	1.12	−1.25	.....
Barkerville, B. C	4,180	25.66	30.00	+ .14	35.2	+2.1	44.5	26.0	59	12	3.50	+1.68	28.0
Hamilton, Bermuda	151	29.83	30.00	− .05	64.0	+0.1	69.4	58.6	73	51	3.24	−0.94	.....

*The altitudes given above were furnished by the Director of the Canadian Meteorological Service, Mar. 9, 1916, and refer to cisterns of barometers at the respective stations. Where sea-level pressures and departures are *italicized* new reduction factors are in course of computation.—C. A., jr.