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 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.

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 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. 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 United States Weather Bureau stations, November, 1915.*

Districts and stations.	Elevation of instruments. Barometer above sea level.	Thermometer above ground.	Anemometer above ground.	Pressure. Station, reduced to mean of 24 hours.	Sea level, reduced to mean of 24 hours.	Departure from normal.	Temperature of the air. 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.	Precipitation. Total.	Departure from normal.	Days with 0.01 or more.	Wind. Total movement.	Prevailing direction.	Maximum velocity. Miles per hour.	Direction.	Date.	Clear days.	Partly cloudy days.	Cloudy days.	Average cloudiness.	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.							**42.0**	**+ 2.6**										**70**	**2.08**	**− 1.5**										**5.8**		
Eastport	76	67	85	29.81	29.90	−0.11	38.5	+ 1.7	56	1	44	25	25	33	18	36	32	77	2.16	− 1.9	11	10,386	n.	48	e.	20	3	12	15	7.2	T.	....
Greenville	1,070	6	....	28.74	29.94	......	32.6	......	56	1	39	11	17	26	29	....	....	....	2.56	......	11	......	......	....	......	....	....	....	....	....	7.7	....
Portland, Me.	103	82	117	29.84	29.97	− .07	40.8	+ 3.2	66	1	48	25	18	34	22	35	28	66	2.77	− 1.0	10	7,622	sw.	44	se.	19	13	6	11	5.1	T.	....
Concord	288	70	79	29.66	29.98	− .08	40.0	+ 3.2	67	1	48	22	17	31	31	....	....	....	2.97	− 0.4	10	4,488	nw.	29	nw.	10	14	5	11	4.9	0.5	....
Burlington	404	11	48	29.51	29.96	− .09	38.1	+ 4.4	64	1	44	19	18	32	28	....	....	....	1.72	− 0.9	13	9,790	s.	48	s.	19	7	7	16	6.6	T.	T.
Northfield	876	12	60	29.01	29.99	− .06	35.4	+ 3.4	66	1	44	14	18	27	38	31	26	74	1.43	− 1.2	14	5,580	s.	35	s.	19	7	9	14	6.5	3.6	....
Boston	125	115	188	29.84	29.98	− .07	45.4	+ 4.2	72	1	52	29	18	38	23	39	33	68	2.14	− 2.0	9	8,046	w.	38	w.	15	13	5	12	5.1	0.2	....
Nantucket	12	14	90	29.96	29.97	− .08	45.8	+ 0.6	64	2	51	33	18	41	21	41	37	71	2.13	− 1.2	10	13,611	nw.	50	ne.	5	8	9	13	6.1	T.	....
Block Island, R. I.	26	11	46	29.97	30.00	− .06	45.8	+ 0.5	67	2	51	33	18	40	20	42	37	74	2.24	− 1.6	10	15,266	nw.	56	w.	15	10	3	17	6.2	.....	....
Narragansett Pier	.....	9	....	......	......	......	43.4	+ 1.1	68	2	52	23	18	34	28	....	....	....	2.37	......	10	......	w.	....	......	....	17	4	9	....	T.	....
Providence	160	215	251	29.80	29.98	− .09	42.8	+ 2.4	69	2	50	27	18	35	24	37	31	66	1.67	− 2.2	9	10,176	nw.	62	se.	19	11	10	9	4.9	0.3	....
Hartford	159	122	140	29.83	30.01	− .07	42.8	+ 3.3	69	1	51	26	27	35	30	37	32	69	1.75	− 2.1	11	5,474	sw.	48	se.	19	10	8	12	5.8	T.	....
New Haven	106	117	155	29.89	30.00	− .07	44.6	+ 3.3	69	2	52	27	23	37	26	38	32	68	1.90	− 1.7	11	6,920	sw.	46	e.	19	11	7	12	5.2	T.	....
Middle Atlantic States.							**45.9**	**+ 1.7**										**69**	**1.35**	**− 1.5**										**5.1**		
Albany	97	102	115	29.89	30.00	− .08	40.8	+ 2.4	70	1	48	24	25	34	28	36	31	72	2.11	− 0.7	8	5,370	s.	35	se.	19	8	8	14	6.0	0.1	....
Binghamton	871	10	69	29.04	29.99	− .10	40.6	+ 3.0	68	1	48	20	18	33	32	....	....	....	1.28	− 1.0	10	3,783	nw.	29	nw.	2	5	5	20	7.3	0.3	T.
New York	314	414	454	29.68	30.03	− .06	45.4	+ 1.4	68	1	52	30	23	38	21	39	33	66	1.09	− 2.4	8	13,915	nw.	71	se.	19	7	9	14	6.2	T.	....
Harrisburg	374	94	104	29.66	30.07	− .04	43.3	+ 1.6	74	1	51	26	30	36	27	38	32	67	1.45	− 0.9	9	5,359	nw.	32	w.	20	9	8	13	5.6	T.	....
Philadelphia	117	123	190	29.93	30.06	− .04	47.4	+ 2.5	70	2	55	32	30	40	26	41	35	67	1.22	− 1.8	9	7,397	nw.	35	se.	19	12	10	8	4.7	T.	....
Reading	325	81	98	29.71	30.06	......	44.2	......	74	1	52	27	18	36	29	38	32	69	2.13	− 1.0	8	5,293	nw.	33	se.	19	8	10	12	5.9	T.	....
Scranton	805	111	119	29.16	30.04	− .05	42.1	+ 3.0	71	1	50	23	18	34	32	37	32	73	1.37	− 0.9	8	5,616	sw.	37	w.	2	5	7	18	7.1	0.1	....
Atlantic City	52	37	48	30.01	30.07	− .03	46.6	+ 1.1	72	2	55	27	30	38	27	42	36	71	1.25	− 2.0	9	5,820	nw.	34	se.	19	11	9	10	5.1	.....	....
Cape May	18	13	49	30.07	30.09	− .01	48.0	+ 0.6	73	1	55	29	23	40	23	....	....	....	1.16	− 2.1	8	7,115	nw.	37	se.	19	12	11	7	4.3	.....	....
Sandy Hook	22	10	57	30.01	30.03	......	46.0	......	67	1	51	31	23	40	16	41	37	75	1.33	......	8	13,090	w.	60	se.	19	13	6	11	5.1	.....	....
Trenton	190	159	183	29.83	30.04	......	44.5	......	69	1	53	27	30	36	26	38	33	71	0.96	− 2.5	7	8,569	w.	54	se.	19	10	9	11	5.1	T.	....
Baltimore	123	100	113	29.94	30.08	− .03	47.0	+ 1.2	76	1	55	29	30	39	25	40	34	65	1.59	− 1.3	8	4,651	nw.	36	sw.	19	12	14	4	4.5	T.	....
Washington	112	62	85	29.95	30.07	− .05	46.2	+ 1.2	77	1	56	25	23	36	28	39	33	68	0.93	− 1.8	8	4,745	nw.	37	nw.	15	9	15	6	4.5	.....	....
Lynchburg	681	153	188	29.33	30.09	− .04	48.1	+ 2.0	79	9	60	27	30	36	40	40	34	67	1.66	− 1.1	4	4,747	nw.	34	w.	21	14	11	5	4.5	.....	....
Norfolk	91	170	205	30.00	30.10	− .01	52.4	+ 1.2	78	2	60	29	30	44	28	45	39	64	0.87	− 1.8	8	9,513	sw.	48	sw.	19	16	10	4	3.7	.....	....
Richmond	144	11	52	29.94	30.10	− .02	49.2	+ 0.4	78	9	60	26	30	38	34	42	35	67	0.63	− 1.8	8	6,067	sw.	39	sw.	21	18	7	5	3.6	.....	....
Wytheville [e]	2,293	40	47	27.70	30.12	......	45.6	......	73	11	58	23	22	33	30	38	33	71	1.93	− 1.1	9	3,974	w.	29	w.	20	14	6	5	4.2	0.4	....
South Atlantic States.							**57.3**	**+3.2**										**70**	**1.62**	**− 1.3**										**3.2**		
Asheville	2,255	70	84	27.74	30.12	− .02	48.5	+ 3.4	74	7	59	24	16	38	37	41	35	67	2.20	− 1.1	9	7,067	nw.	39	e.	18	18	6	6	3.5	T.	....
Charlotte	773	153	161	29.26	30.11	− .02	53.3	+ 2.9	78	9	63	29	30	44	29	45	39	66	1.96	− 0.9	5	8,286	sw.	48	e.	18	19	6	5	3.4	.....	....
Hatteras	11	12	50	30.09	30.10	− .01	57.3	+ 0.6	76	2	64	38	30	51	25	52	48	75	1.22	− 3.4	6	10,036	n.	55	se.	19	16	9	5	3.9	.....	....
Manteo	12	4	46	......	......	......	53.6	......	79	2	64	27	17	43	....	....	....	....	1.17	− 3.4	3	......	n.	....	......	....	20	7	3	....	.....	....
Raleigh	376	103	110	29.70	30.11	− .02	52.8	+ 2.6	79	9	64	28	30	42	32	44	37	64	1.35	− 1.0	7	5,839	sw.	48	se.	18	16	9	5	4.1	.....	....
Wilmington	78	81	91	30.04	30.12	.00	56.8	+ 2.7	81	12	68	31	30	46	32	49	44	71	0.99	− 1.5	5	5,392	ne.	43	s.	18	20	8	2	2.4	.....	....
Charleston	48	11	92	30.07	30.12	.00	61.4	+ 3.3	83	12	70	35	30	53	25	55	51	73	1.65	− 1.2	2	7,802	ne.	54	se.	18	20	6	4	2.7	.....	....
Columbia, S. C.	351	41	57	29.74	30.13	+ .01	57.2	+ 3.4	82	9	68	31	16	46	33	48	41	66	1.90	− 0.3	6	5,337	sw.	52	sw.	18	18	9	3	3.4	.....	....
Augusta	180	80	97	29.92	30.12	− .01	57.4	+ 3.5	81	9	69	32	17	46	36	50	46	77	2.70	− 0.2	4	4,150	nw.	38	ne.	18	22	4	4	2.8	.....	....
Savannah	65	150	194	30.05	30.12	.00	62.4	+ 4.9	84	12	72	35	30	53	25	55	50	72	1.58	− 0.8	3	9,118	ne.	62	se.	18	20	6	4	3.0	.....	....
Jacksonville	43	209	245	30.06	30.11	+ .01	66.0	+ 4.7	84	13	74	37	30	58	26	59	54	74	1.07	− 1.1	6	8,624	ne.	46	s.	18	21	6	3	3.0	.....	....
Florida Peninsula.							**72.7**	**+ 2.1**										**76**	**2.43**	**+ 0.2**										**4.0**		
Key West	22	10	64	30.03	30.05	+ .03	75.5	+ 1.2	84	18	80	60	30	71	14	69	67	78	1.78	− 0.6	6	8,023	ne.	34	n.	19	19	7	4	3.7	.....	....
Miami	25	71	79	30.05	30.08	......	73.2	+ 1.2	82	18	78	51	30	69	18	67	64	74	2.54	0.0	8	6,915	e.	26	ne.	4	13	8	9	4.9	.....	....
Sand Key	23	39	72	30.00	30.03	+ .01	75.0	......	80	18	77	60	30	73	9	70	67	76	1.27	......	5	13,159	ne.	34	nw.	19	16	10	4	3.9	.....	....
Tampa	35	79	96	30.06	30.10	+ .02	69.3	+ 3.9	86	12	78	42	30	60	25	62	58	76	2.98	+ 1.3	4	4,769	n.	31	s.	18	17	8	5	3.6	.....	....
East Gulf States.							**59.1**	**+ 3.4**										**73**	**2.74**	**− 0.8**										**3.4**		
Atlanta	1,174	190	216	28.87	30.13	.00	54.2	+ 2.3	76	9	63	28	30	46	24	47	40	65	1.53	− 1.9	6	8,893	nw.	42	w.	19	13	8	9	4.4	.....	....
Macon	370	78	87	29.72	30.12	− .01	57.1	+ 3.8	82	12	69	31	16	45	37	49	46	77	1.95	− 1.2	4	4,042	nw.	30	s.	26	20	6	4	2.9	.....	....
Thomasville	273	8	57	29.82	30.12	.00	61.7	+ 3.2	86	12	74	29	30	49	35	52	50	82	1.67	− 1.0	5	3,354	nw.	25	sw.	19	19	7	4	2.6	.....	....
Pensacola	56	140	182	30.06	30.12	+ .01	63.1	+ 3.5	81	2	71	37	16	55	24	57	52	73	2.65	− 1.1	3	8,882	ne.	48	sw.	26	20	6	4	2.7	.....	....
Anniston	741	9	57	29.34	30.15	+ .03	54.1	+ 2.2	80	10	66	25	30	42	37	....	....	....	3.10	− 0.2	9	4,020	nw.	27	w.	19	17	8	5	3.2	.....	....
Birmingham	700	11	48	29.36	30.14	+ .02	56.1	+ 2.0	81	10	66	28	16	46	29	48	41	66	3.54	+ 0.2	8	5,344	s.	36	se.	26	16	8	6	3.8	.....	....
Mobile	57	125	161	30.05	30.11	.00	61.8	+ 4.3	81	2	71	37	30	52	20	56	52	75	3.32	− 0.4	6	7,101	n.	37	n.	15	18	12	0	3.0	.....	....
Montgomery	223	100	112	29.88	30.14	+ .02	58.6	+ 2.9	82	11	70	31	16	47	33	50	44	67	2.21	− 0.9	7	4,349	w.	31	sw.	14	16	11	3	2.9	.....	....
Meridian	375	85	93	29.72	30.12	.00	57.6	+ 4.4	81	2	69	28	30	46	36	50	46	78	2.56	− 1.6	5	4,035	s.	27	w.	19	15	8	7	4.4	.....	....
Vicksburg	247	65	74	29.84	30.12	.00	59.3	+ 3.4	82	2	69	34	15	49	34	51	46	70	5.22	+ 1.0	7	5,677	se.	43	nw.	25	16	9	5	3.9	.....	....
New Orleans	51	76	84	30.05	30.11	+ .01	66.2	+ 5.6	86	12	74	41	16	58	26	59	56	78	2.29	− 1.5	5	4,991	se.	29	nw.	14	14	14	2	3.5	.....	....
West Gulf States.							**60.9**	**+ 4.5**										**67**	**1.90**	**− 1.2**										**4.5**		
Shreveport	249	77	93	29.82	30.09	− .02	59.3	+ 4.0	84	8	70	33	15	49	29	51	46	69	4.14	+ 0.1	9	5,838	s.	35	s.	25	16	8	6	4.0	.....	....
Bentonville	1,303	11	44	28.64	30.02	− .09	52.3	+ 5.6	81	6	63	24	15	41	31	....	....	....	2.50	− 0.5	6	5,442	s.	30	s.	10	14	11	5	3.5	1.2	....
Fort Smith	457	79	94	29.55	30.03	− .08	55.8	+ 5.9	86	8	67	29	30	45	36	47	40	63	1.24	− 2.0	7	6,840	e.	43	w.	11	14	8	8	4.4	T.	....
Little Rock	357	139	147	29.69	30.07	− .05	55.5	+ 4.0	81	6	65	29	30	46	31	48	42	67	5.63	+ 1.0	7	7,517	s.	38	w.	28	17	4	9	4.4	.....	....
Brownsville	57	3	40	......	......	......	70.2	......	88	8	82	42	19	58	37	....	....	....	0.14	......	2	......	s.	....	......	....	....	....	....	....	.....	....
Corpus Christi	20	69	77	30.05	30.07	.00	68.0	+ 4.6	91	25	76	42	15	60	33	61	57	75	0.22	− 2.2	5	9,059	se.	44	s.	25	12	14	4	4.1	.....	....
Dallas	512	109	117	29.51	30.06	......	59.7	......	86	8	71	31	15	49	35	....	....	....	1.08	......	6	8,095	se.	36	sw.	25	14	12	4	3.7	.....	....
Fort Worth	670	106	114	29.32	30.04	− 0.6	60.1	+ 5.0	87	8	72	28	29	48	37	49	39	54	0.29	− 1.3	2	8,512	s.	38	sw.	25	12	11	7	4.5	.....	....
Galveston	54	106	114	30.04	30.10	+ 0.1	67.0	+ 4.1	81	2	73	43	15	61	31	61	57	72	1.47	− 2.6	6	8,977	s.	50	nw.	17	22	4	4	2.8	.....	....
Houston	138	111	121	29.94	30.09	......	65.0	+ 3.7	86	7	75	35	15	55	39	....	....	....	1.51	......	6	6,316	se.	40	nw.	25	17	7	6	3.7	.....	....
Palestine	510	64	72	29.53	30.06	− .05	61.2	+ 4.3	84	2	71	35	15	51	30	54	49	72	2.48	− 1.2	7	5,290	s.	30	s.	25	18	6	6	3.4	.....	....
San Antonio	701	109	132	29.31	30.07	− .01	63.8	+ 4.6	87	8	75	33	15	52	33	54	46	61	0.29	− 1.5	3	5,806	s.	40	nw.	25	16	10	4	3.3	.....	....
Taylor	582	55	63	29.48	30.09	+ .01	61.6	+ 3.9	86	8	74	30	29	49	36	....	....	....	0.70	− 1.9	4	6,726	s.	41	w.	25	15	12	3	3.7	.....	....

[e] 5 days missing.

TABLE I.—*Climatological data for United States Weather Bureau stations, November, 1915*—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.	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.
Ohio Valley and Tennessee.							48.5	+ 3.6										70	3.82	− 0.4										5.1		
Chattanooga	762	189	213	29.31	30.13	−0.01	53.4	+ 3.1	78	6	63	28	16	44	31	46	40	67	4.60	+ 1.0	9	6,316	w.	55	sw.	26	14	9	7	4.1	....	....
Knoxville	996	93	100	29.03	30.10	− .03	51.6	+ 4.5	78	8	62	27	16	41	32	44	38	68	5.48	+ 1.9	9	3,835	sw.	27	sw.	28	15	8	7	3.9	T.	....
Memphis	399	76	97	29.68	30.11	− .01	55.9	+ 4.5	80	10	64	32	15	48	24	49	43	67	7.05	+ 2.5	7	7,357	s.	46	nw.	19	18	3	9	4.2	....	....
Nashville	546	168	191	29.51	30.10	− .02	52.8	+ 4.1	86	1	62	26	30	43	34	45	38	62	6.75	+ 2.9	8	7,855	se.	42	se.	26	16	5	9	4.1	....	....
Lexington	989	193	230	28.99	30.07	− .05	48.8	+ 4.1	76	7	58	17	33	40	33	....	....	....	3.90	+ 0.4	12	12,372	sw.	50	sw.	19	15	8	7	4.3	0.2	....
Louisville	525	219	255	29.48	30.07	− .05	49.6	+ 3.3	78	6	58	21	30	41	30	43	37	68	3.88	− 0.3	8	10,624	sw.	52	sw.	19	12	8	10	5.0	T.	T.
Evansville	431	72	82	29.57	30.05	− .07	50.4	+ 5.1	78	1	59	24	30	42	28	44	38	70	3.40	− 0.7	8	6,834	s.	34	s.	16	12	11	7	5.0	T.	....
Indianapolis	822	194	230	29.12	30.02	− .08	45.5	+ 3.9	76	7	54	18	30	37	28	40	35	71	3.03	− 0.5	12	10,381	s.	42	w.	19	7	12	11	6.0	0.5	T.
Terre Haute	575	96	129	29.38	30.01	.....	47.0	.....	80	6	57	19	30	37	33	40	35	71	3.59	.....	9	8,771	s.	39	s.	26	5	20	5	5.8	0.7	....
Cincinnati	628	11	51	29.36	30.05	− .07	46.6	+ 2.0	76	7	56	19	30	38	27	40	35	70	2.34	− 0.9	11	7,104	sw.	40	w.	20	8	15	7	5.6	0.5	T.
Columbus	824	173	222	29.15	30.04	− .07	44.4	+ 3.0	74	11	53	20	30	36	29	39	34	71	1.97	− 1.1	13	10,053	s.	44	w.	20	9	10	11	5.5	0.7	T.
Dayton	899	188	216	29.04	30.02	.....	45.3	+ 3.2	75	7	54	20	30	36	26	40	35	75	2.22	− 0.7	13	9,399	sw.	46	sw.	28	9	12	9	5.2	0.4	T.
Pittsburgh	842	353	410	29.12	30.04	− .06	45.2	+ 2.3	74	11	54	22	30	36	29	39	33	69	2.37	− 0.2	16	9,468	sw.	50	w.	21	8	7	15	6.3	0.4	T.
Elkins	1,940	41	50	27.99	30.10	− .02	42.8	+ 3.2	76	11	56	19	30	30	44	36	32	74	3.10	+ 0.2	18	3,554	w.	28	se.	18	8	9	13	5.9	3.8	2.8
Parkersburg	638	77	84	29.41	30.08	− .04	47.0	+ 3.8	77	11	57	24	30	37	32	40	35	71	3.32	+ 0.5	13	4,807	se.	29	nw.	28	13	7	10	5.0	0.1	T.
Lower Lake Region.							42.1	+ 3.0										73	1.96	− 1.0										7.0		
Buffalo	767	274	280	29.12	29.96	− .09	42.4	+ 3.1	68	11	49	24	18	36	27	38	33	75	1.86	− 1.5	8	16,438	w.	74	w.	20	3	12	15	7.2	5.4	....
Canton	448	10	61	29.47	29.96	.....	37.7	+ 3.8	63	1	45	15	18	31	34	....	....	....	1.25	− 2.2	11	8,810	w.	44	w.	20	8	9	13	6.1	1.2	T.
Oswego	335	76	91	29.59	29.97	− .08	40.5	+ 1.4	65	1	46	21	18	35	24	37	32	74	2.61	− 0.8	13	10,015	s.	39	nw.	15	4	7	19	7.5	6.0	....
Rochester	523	97	113	29.40	29.99	− .06	41.7	+ 3.8	66	1	49	24	18	35	27	36	31	70	2.06	− 0.7	15	7,534	sw.	37	sw.	20	4	8	18	7.2	3.4	....
Syracuse	597	97	113	29.34	29.99	− .07	40.8	+ 2.1	66	1	47	24	18	34	27	36	30	70	2.21	− 0.5	13	9,714	sw.	46	nw.	2	5	7	18	7.2	0.6	....
Erie	714	130	166	29.19	29.97	− .09	43.2	+ 2.1	73	11	50	25	30	37	25	38	33	71	2.39	− 1.2	15	14,492	sw.	71	se.	19	2	7	21	7.7	9.0	6.0
Cleveland	762	190	201	29.16	29.99	− .08	43.9	+ 3.5	73	11	51	24	30	37	26	39	33	70	1.84	− 0.9	15	11,889	sw.	47	sw.	29	3	11	16	7.1	0.4	....
Sandusky	629	62	103	29.29	29.98	− .10	43.8	+ 3.0	73	11	51	23	30	37	25	39	34	72	1.61	− 1.1	14	11,246	sw.	42	w.	20	3	10	17	7.2	0.4	T.
Toledo	628	208	243	29.29	29.98	− .09	43.7	+ 4.0	71	8	51	24	30	37	24	38	33	71	1.78	− 0.9	13	12,691	sw.	50	s.	11	6	9	15	6.3	0.4	T.
Fort Wayne	856	113	124	29.06	30.00	.....	42.8	+ 2.2	75	7	51	22	30	35	33	38	34	78	1.64	.....	8	8,694	sw.	38	s.	26	6	10	14	6.3	1.2	....
Detroit	730	218	245	29.15	29.96	− .10	42.3	+ 3.7	71	8	48	23	30	36	24	38	34	76	2.02	− 0.6	13	10,589	w.	44	w.	20	5	9	16	6.7	0.7	0.1
Upper Lake Region.							38.1	+ 3.8										78	3.22	+ 0.4										7.4		
Alpena	609	13	92	29.22	29.90	− .11	38.1	+ 4.4	68	8	44	22	17	32	24	35	32	82	2.93	+ 0.4	16	10,993	se.	49	se.	19	2	7	21	7.7	4.7	2.3
Escanaba	612	54	60	29.20	29.89	− .15	36.2	+ 4.5	63	1	42	16	16	31	30	33	29	76	4.39	+ 2.1	12	8,058	nw.	37	s.	11	4	8	18	7.1	4.0	T.
Grand Haven	632	54	92	29.22	29.92	− .12	41.2	+ 3.2	68	7	48	24	17	34	28	37	33	75	2.28	− 0.2	15	11,705	w.	57	w.	19	4	11	15	6.6	3.7	T.
Grand Rapids	707	70	87	29.15	29.93	− .12	41.6	+ 3.5	68	8	49	24	30	35	29	37	33	76	1.52	− 1.0	11	6,217	w.	31	w.	19	6	3	21	7.2	3.6	0.5
Houghton	684	62	72	29.09	29.82	− .20	34.8	+ 3.3	62	11	39	19	17	30	25	....	....	....	3.84	.....	16	8,504	w.	48	w.	8	0	3	27	9.4	9.1	1.5
Lansing	878	11	62	28.98	29.93	.....	39.8	+ 3.0	71	8	47	22	30	32	29	35	32	81	2.23	− 0.2	13	6,094	se.	25	sw.	11	5	6	19	7.2	7.6	1.8
Ludington	637	60	66	29.20	29.90	.....	40.0	.....	66	7	46	20	17	34	28	38	36	85	2.37	.....	10	11,019	w.	42	w.	12	5	7	18	7.3	0.4	T.
Marquette	734	77	111	29.07	29.89	− .16	35.6	+ 3.7	64	11	40	20	22	31	29	32	28	75	3.79	+ 1.0	17	9,180	nw.	38	nw.	8	1	3	26	8.9	12.2	T.
Port Huron	638	70	120	29.24	29.95	− .10	40.8	+ 4.0	72	8	47	25	16	34	28	37	33	79	1.98	− 0.7	13	9,825	w.	38	se.	19	4	9	17	7.1	0.9	T.
Saginaw	641	48	82	29.23	29.93	.....	40.2	.....	71	8	47	24	17	33	30	36	34	81	2.33	0.0	13	8,702	w.	40	s.	11	5	6	19	7.5	1.8	1.0
Sault Ste. Marie	614	11	61	29.17	29.88	− .13	35.3	+ 4.6	62	11	40	18	16	31	23	33	30	82	5.40	+ 2.5	19	9,805	se.	52	nw.	9	0	3	27	9.3	18.3	4.5
Chicago	823	140	310	29.05	29.95	− .12	44.2	+ 5.0	75	7	51	23	30	37	26	39	34	68	2.03	− 0.5	10	10,820	w.	43	s.	11	9	10	11	5.7	0.7	T.
Green Bay	617	109	144	29.22	29.89	− .15	37.3	+ 4.8	66	11	44	16	22	31	32	33	29	76	2.87	+ 0.9	13	9,827	w.	52	s.	11	2	8	20	7.7	1.9	....
Milwaukee	681	119	133	29.17	29.92	− .13	40.8	+ 4.7	68	7	48	20	22	34	30	37	33	76	1.82	− 0.2	10	7,874	w.	37	sw.	11	12	7	11	5.5	2.9	....
Duluth	1,133	11	47	28.64	29.89	− .15	29.8	+ 0.5	52	6	36	4	22	24	22	28	25	85	3.27	+ 1.7	9	10,370	w.	56	nw.	19	2	14	14	7.0	1.0	....
North Dakota.							29.5	+ 5.0										79	1.01	+ 0.3										5.7		
Moorhead	940	8	57	28.90	29.94	− .13	29.4	+ 5.0	58	3	37	− 1	16	22	27	27	25	85	0.78	− 0.2	6	6,994	nw.	32	nw.	8	12	3	15	5.7	1.3	0.1
Bismarck	1,674	8	57	28.14	29.97	− .10	32.6	+ 6.6	68	5	42	8	29	23	33	28	23	76	0.57	− 0.1	4	8,633	nw.	44	nw.	18	10	13	7	4.7	1.7	T.
Devils Lake	1,482	11	44	28.29	29.91	− .15	26.3	+ 3.7	62	5	34	0	30	18	29	24	21	84	0.60	− 0.1	12	8,935	w.	38	w.	12	11	4	15	6.2	4.0	1.5
Williston	1,872	40	47	27.90	29.93	− .13	29.7	+ 4.5	64	4	38	1	14	21	40	26	21	71	2.08	+ 1.5	5	6,312	nw.	36	w.	11	5	15	10	6.3	4.2	T.
Upper Mississippi Valley.							43.2	+ 5.5										71	2.68	+ 0.7										6.1		
Minneapolis	918	10	208	28.90	29.90	.....	35.4	.....	68	7	42	13	16	29	23	....	....	....	3.62	+ 2.4	6	9,943	nw.	44	nw.	19	7	6	17	6.9	5.1	....
St. Paul	837	201	236	28.98	29.90	− .16	35.3	+ 4.4	67	7	42	14	29	28	24	....	....	....	2.64	+ 1.3	6	10,600	nw.	54	w.	7	7	7	16	6.4	4.7	....
La Crosse	714	11	48	29.12	29.90	− .17	38.1	+ 4.3	75	7	46	15	22	30	34	....	....	....	3.02	+ 1.5	12	4,900	se.	33	sw.	7	4	5	21	7.4	3.1	....
Madison	974	70	78	28.87	29.94	− .12	38.8	+ 4.6	76	7	47	14	22	31	33	35	30	76	3.12	+ 1.3	10	8,901	w.	38	s.	11	5	7	18	7.3	0.9	T.
Charles City	1,015	10	49	28.84	29.94	− .09	37.2	+ 4.2	76	7	46	11	15	28	32	33	29	80	2.20	+ 0.8	7	6,433	nw.	34	sw.	7	7	9	14	6.6	2.8	....
Davenport	606	71	79	29.28	29.95	− .13	43.0	+ 5.5	78	7	52	18	15	34	34	38	33	74	4.01	+ 2.3	11	6,787	w.	32	w.	19	9	9	12	5.8	3.5	T.
Des Moines	861	84	97	29.02	29.94	− .14	42.6	+ 5.8	79	7	52	19	15	33	33	37	32	69	1.24	− 0.2	6	6,171	nw.	38	sw.	7	6	12	12	6.2	0.6	....
Dubuque	698	81	96	29.20	29.96	− .11	41.2	+ 5.2	78	7	50	18	22	33	32	36	31	71	1.65	− 0.2	10	6,016	nw.	30	nw.	19	7	8	15	6.5	2.8	....
Keokuk	614	64	78	29.29	29.98	− .11	45.6	+ 6.2	81	7	56	17	15	35	35	39	34	70	2.85	+ 1.0	6	6,979	w.	36	w.	19	10	9	11	5.3	T.	....
Cairo	356	87	93	29.65	30.04	− .08	52.4	+ 5.5	81	1	61	26	15	44	28	45	39	66	4.18	+ 0.2	7	7,732	s.	38	se.	25	13	9	8	4.6	T.	....
Peoria	609	11	45	29.30	29.98	− .11	43.8	+ 6.3	79	7	54	17	15	33	34	39	35	79	2.29	− 0.4	6	6,581	s.	32	w.	19	5	9	16	6.6	T.	....
Springfield, Ill.	644	10	91	29.29	29.99	− .11	46.0	+ 5.3	79	7	56	19	30	36	31	40	34	67	1.60	− 1.1	8	7,503	w.	31	s.	10	10	7	13	5.7	1.5	0.1
Hannibal	534	74	109	29.40	29.98	− .11	47.0	+ 6.5	82	7	58	17	15	36	35	....	....	....	3.11	+ 1.2	7	8,016	sw.	38	nw.	19	13	8	9	5.1	T.	....
St. Louis	567	265	303	29.38	30.00	− .10	50.9	+ 7.5	81	6	60	23	15	42	34	43	36	62	1.97	− 0.9	6	11,811	s.	48	s.	11	11	10	9	5.3	T.	....
Missouri Valley.							44.2	+ 6.7										66	1.16	− 0.1										4.5		
Columbia, Mo.	781	11	84	29.14	29.98	− .11	48.9	+ 6.5	84	6	60	18	15	38	34	....	....	....	3.02	+ 0.7	7	7,528	s.	36	nw.	19	11	9	10	5.1	T.	....
Kansas City	963	161	181	28.94	29.98	− .11	50.0	+ 8.5	83	6	59	27	14	41	30	42	34	58	0.87	− 1.0	5	10,558	s.	49	nw.	19	17	6	7	4.0	T.	....
St. Joseph	967	11	49	28.93	29.98	.....	47.7	.....	82	6	57	23	15	38	29	40	34	63	0.82	.....	7	7,687	nw.	39	nw.	19	11	12	7	4.2	T.	....
Springfield, Mo.	1,324	98	104	28.61	30.02	− .08	50.7	+ 6.3	80	6	60	24	30	41	30	43	36	63	2.66	0.0	6	9,675	s.	42	nw.	19	23	5	2	2.1	1.2	....
Iola	984	11	50	28.94	30.00	− .09	49.8	+ 6.8	83	6	62	19	15	38	39	....	....	....	0.31	− 1.1	7	6,905	s.	37	nw.	19	19	6	5	3.3	....	....
Topeka	983	85	101	.....	.....	.....	49.2	+ 7.5	83	6	60	22	30	38	33	....	....	....	0.43	− 0.8	4	9,060	s.	46	s.	10	15	8	7	4.0	T.	....
Drexel	1,299	10	53	28.55	29.96	.....	41.5	.....	73	6	52	17	14	31	31	36	31	72	1.78	.....	4	8,736	nw.	54	sw.	10	12	9	9	4.9	....	....
Lincoln	1,189	11	84	28.68	29.97	− .11	44.2	+ 6.2	77	6	55	21	14	34	38	38	32	67	1.91	+ 1.1	4	8,358	nw.	42	nw.	19	13	10	7	4.4	T.	....
Omaha	1,105	115	121	28.77	29.97	− .11	43.9	+ 6.2	75	6	53	20	29	35	30	38	32	66	1.51	+ 0.4	4	6,685	nw.	35	nw.	19	11	9	10	5.0	....	....
Valentine	2,598	47	54	27.22	29.99	− .09	37.8	+ 4.1	75	6	50	11	14	26	38	30	24	66	0.38	− 0.4	5	7,153	w.	34	nw.	7	15	9	6	4.6	0.3	....
Sioux City	1,135	94	164	28.72	29.96	− .12	40.1	+ 5.8	72	6	49	17	29	31	32	35	30	72	0.85	− 0.1	3	9,581	nw.	55	nw.	22	10	9	11	5.3	0.5	....
Huron	1,306	59	74	28.54	29.97	− .11	36.8	+ 9.4	71	6	48	12	14	26	34	31	27	74	0.25	− 0.3	1	8,852	nw.	44	nw.	8	10	11	9	5.2	T.	....
Pierre	1,572	70	75	28.29	29.99	− .09	38.2	+ 6.6	72	5	48	15	29	28	33	32	24	62	0.84	+ 0.4	3	7,790	nw.	43	nw.	18	13	12	5	4.4	0.5	....
Yankton	1,233	49	57	28.61	29.95	− .13	40.2	+ 6.7	74	6	50	17	29	30	32	....	....	....	0.89	+ 0.1	4	6,261	nw.	37	nw.	19	8	13	9	5.9	0.6	....

TABLE I.—*Climatological data for United States Weather Bureau stations, November, 1915*—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.	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.
Northern Slope.							**34.9**	**+ 2.9**										**66**	**0.57**	**− 0.2**										**6.0**		
Havre	2,505	11	44	27.26	29.95	−0.08	32.4	+ 1.8	60	4	44	7	29	21	42	28	24	76	0.12	− 0.6	4	6,268	sw.	38	sw.	26	5	10	15	7.0	0.6	....
Helena	4,110	87	114	25.74	30.01	− .09	34.4	+ 1.7	56	3	42	11	13	27	30	30	23	62	0.29	− 0.4	6	7,214	sw.	47	sw.	18	4	18	8	6.1	3.1	....
Kalispell	2,962	11	34	26.90	30.02	− .05	32.2	+ 0.2	54	1	40	6	13	25	24	29	26	78	1.69	− 0.2	15	3,273	w.	29	s.	25	5	5	20	7.6	7.0	1.9
Miles City	2,371	26	48	27.42	30.02	− .05	38.4	+ 7.3	68	5	46	14	29	31	35	32	28	76	1.21	+ 0.6	10	3,438	w.	27	w.	18	15	11	4	3.9	1.2	....
Rapid City	3,259	50	58	26.53	30.02	− .06	37.0	+ 3.4	68	3	47	12	29	27	45	31	23	58	0.16	− 0.3	5	6,951	nw.	44	n.	18	8	11	11	5.5	0.3	....
Cheyenne	6,088	84	101	23.95	30.00	− .07	37.0	+ 2.1	67	2	47	9	13	27	36	29	20	54	0.19	− 0.2	5	13,191	w.	72	w.	22	7	12	11	5.6	1.9	T.
Lander	5,372	60	68	24.59	30.03	− .07	34.2	+ 5.5	67	5	49	1	28	19	43	28	19	56	0.10	− 0.5	3	5,026	sw.	42	nw.	18	7	16	7	5.3	1.0	....
Sheridan	3,790	10	47	26.05	30.04	.....	32.6	.....	69	4	45	− 3	13	20	44	28	22	69	1.03	.....	9	4,417	nw.	39	nw.	7	7	8	15	6.7	9.6	0.2
Yellowstone Park	6,200	11	48	23.82	30.07	− .04	27.2	− 2.1	56	2	36	− 4	13	18	26	24	19	69	1.15	− 0.3	13	6,707	s.	34	sw.	21	3	6	21	7.8	11.1	4.4
North Platte	2,821	11	51	27.05	30.02	− .06	41.2	+ 6.1	83	5	55	13	29	28	51	32	25	63	0.22	− 0.2	4	5,736	nw.	38	nw.	18	18	4	8	4.2	0.2	....
Middle Slope.							**47.6**	**+ 5.9**										**57**	**0.48**	**− 0.5**										**3.6**		
Denver	5,291	129	172	24.68	29.98	− .08	43.2	+ 4.0	79	3	56	10	28	31	36	33	20	45	0.24	− 0.3	5	7,143	sw.	42	nw.	18	14	12	4	4.2	3.8	....
Pueblo	4,685	80	86	25.26	30.00	− .05	42.8	+ 3.5	81	4	58	6	29	27	48	32	18	43	0.15	− 0.2	1	5,904	nw.	40	nw.	7	19	11	0	2.6	1.8	....
Concordia	1,392	50	58	28.50	29.99	− .09	47.0	+ 7.1	82	7	58	22	14	36	37	40	35	73	0.99	0.0	3	6,879	nw.	36	nw.	18	9	12	9	5.2	T.	....
Dodge	2,509	11	51	27.38	30.02	− .05	47.4	+ 6.9	81	3	63	11	29	32	44	36	29	61	0.08	− 0.5	2	8,120	s.	38	n.	25	16	12	2	3.4	.....	....
Wichita	1,358	139	158	28.53	29.97	− .11	51.1	+ 7.3	82	6	62	22	29	40	35	42	35	60	0.39	− 0.8	3	11,527	s.	54	sw.	10	21	5	4	3.1	.....	....
Oklahoma	1,214	10	47	28.73	30.03	− .05	53.8	+ 5.9	82	6	66	27	29	42	33	44	37	62	1.01	− 1.2	4	11,651	s.	46	s.	10	17	9	4	3.0	T.	....
Southern Slope.							**54.4**	**+ 3.5**										**47**	**0.05**	**− 1.2**										**2.9**		
Abilene	1,738	10	52	28.22	30.04	− .03	57.4	+ 4.8	85	7	71	22	29	44	41	45	35	52	T.	− 1.2	0	8,167	s.	45	s.	10	17	9	4	3.2	.....	....
Amarillo	3,676	10	49	26.26	30.02	− .03	49.5	+ 5.7	82	5	64	20	14	35	45	38	29	56	0.18	− 1.0	1	9,070	sw.	42	w.	10	28	0	2	2.8	1.8	....
Del Rio	944	64	71	29.06	30.05	.00	60.8	+ 1.5	84	10	73	28	29	49	38	.....	.....	.....	0.01	− 1.2	1	5,749	se.	50	nw.	25	16	11	3	3.5	.....	....
Roswell	3,566	75	85	26.39	30.03	.00	50.1	+ 2.0	83	5	68	18	29	32	49	36	18	34	T.	− 1.2	0	5,762	nw.	50	sw.	10	22	7	1	2.1	T.	....
Southern Plateau.							**51.8**	**0.0**										**38**	**0.23**	**− 0.4**										**2.4**		
El Paso	3,762	110	133	26.24	30.03	+ .03	52.8	+ 1.9	81	6	68	23	15	37	41	38	18	30	0.01	− 0.6	1	6,446	nw.	51	w.	10	21	9	0	2.0	.....	....
Santa Fe	7,013	57	62	23.27	30.08	+ .05	39.8	+ 1.6	68	5	51	13	28	28	31	29	18	46	0.61	− 0.2	4	6,703	n.	36	sw.	24	22	4	4	2.7	1.3	....
Flagstaff	6,908	8	57	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Phoenix	1,108	76	81	28.86	30.02	+ .04	59.2	+ 0.5	89	4	74	34	13	44	38	47	32	41	0.54	− 0.4	3	3,223	e.	26	nw.	24	19	9	2	2.9	.....	....
Yuma	141	9	54	29.88	30.03	+ .05	61.9	0.0	91	3	76	38	16	48	38	48	32	37	T.	− 0.3	0	4,424	n.	33	n.	13	28	1	1	1.1	.....	....
Independence	3,910	11	42	26.04	30.06	+ .01	45.2	− 4.0	74	1	60	15	14	30	42	.....	.....	.....	T.	− 0.3	0	3,615	se.	26	sw.	24	16	13	1	3.1	.....	....
Middle Plateau.							**40.1**	**+ 0.5**										**55**	**0.56**	**− 0.4**										**5.4**		
Reno	4,532	74	81	25.52	30.11	.00	42.5	+ 1.5	72	1	56	13	13	29	38	34	24	52	0.28	− 0.8	3	4,515	w.	55	w.	23	13	10	7	4.6	2.4	....
Tonopah	6,090	12	20	24.11	30.10	.....	40.9	.....	64	1	49	14	13	33	22	33	23	54	T.	− 0.9	0	6,767	se.	42	nw.	16	10	8	12	5.3	.....	....
Winnemucca	4,344	18	56	25.67	30.13	− .01	37.2	− 0.3	68	5	52	2	13	23	43	31	24	63	0.38	− 0.4	6	4,982	sw.	37	sw.	23	8	7	15	6.2	3.7	....
Modena	5,479	10	43	24.67	30.10	+ .02	38.0	− 1.0	71	4	52	9	28	24	42	29	18	50	0.54	− 0.1	4	7,623	w.	46	s.	9	11	12	7	4.5	T.	....
Salt Lake City	4,360	147	189	25.67	30.09	− .03	43.6	+ 3.2	74	4	52	19	14	35	28	36	27	56	1.61	+ 0.2	9	4,955	se.	39	nw.	16	5	9	16	6.5	5.2	....
Grand Junction	4,602	82	96	25.46	30.10	+ .02	39.2	− 0.7	71	5	50	11	28	28	33	32	24	58	0.71	+ 0.2	8	4,501	e.	43	w.	24	14	6	10	4.9	4.5	0.1
Northern Plateau.							**38.4**	**− 0.3**										**71**	**1.98**	**+ 0.6**										**8.2**		
Baker	3,471	48	53	26.49	30.14	− .02	32.4	− 2.5	62	4	41	3	13	24	28	30	26	77	2.14	+ 1.0	15	4,313	se.	26	s.	15	1	9	20	8.3	16.4	2.0
Boise	2,739	78	86	27.24	30.15	− .02	39.5	− 0.1	63	1	48	13	13	31	25	34	28	66	1.07	+ 0.2	13	3,718	nw.	27	se.	25	5	3	22	7.7	2.1	0.5
Lewiston	757	40	48	29.26	30.08	− .04	41.3	+ 0.4	63	1	48	22	13	34	21	.....	.....	.....	1.61	+ 0.3	16	2,780	e.	28	w.	21	3	4	23	8.3	1.5	....
Pocatello	4,477	46	54	25.50	30.10	− .04	37.6	+ 1.3	66	2	46	6	28	29	26	32	25	61	0.49	− 0.1	9	7,437	se.	36	sw.	24	4	7	19	7.4	2.3	0.5
Spokane	1,929	101	110	27.98	30.07	− .03	36.8	− 0.5	53	1	42	21	28	32	19	34	30	78	3.50	+ 1.2	14	4,431	sw.	32	sw.	21	1	3	26	9.0	10.4	0.8
Walla Walla	1,000	57	65	28.97	30.06	− .07	42.7	− 0.2	65	22	49	24	28	36	28	38	34	74	3.04	+ 0.9	17	3,817	s.	26	s.	22	1	9	20	8.3	2.0	....
North Pacific Coast Region.							**44.5**	**− 0.6**										**80**	**8.12**	**+ 0.8**										**8.5**		
North Head	211	11	56	29.80	30.03	− .02	46.6	− 1.1	56	4	50	38	27	43	11	45	43	89	8.68	+ 2.4	27	11,634	e.	82	s.	15	1	6	23	8.5	.....	....
Port Crescent	259	8	53	29.73	30.01	+ .01	40.3	− 2.0	54	4	47	29	9	34	20	.....	.....	.....	6.21	− 1.2	27	4,186	se.	34	sw.	25	0	7	23	8.0	.....	....
Seattle	125	215	250	29.92	30.05	+ .01	43.7	− 0.8	55	5	48	32	13	39	14	41	39	84	5.66	− 0.2	22	7,357	se.	52	sw.	25	1	5	24	8.6	.....	....
Tacoma	213	113	120	29.82	30.05	+ .01	43.0	− 1.1	55	4	48	28	27	38	14	41	39	86	8.13	− 0.4	22	4,735	sw.	36	sw.	21	0	8	22	8.5	.....	....
Tatoosh Island	109	7	57	29.87	29.96	− .01	45.1	− 0.8	53	3	49	36	11	42	11	43	41	48	8.30	− 3.8	26	13,407	e.	74	sw.	25	1	8	20	8.2	.....	....
Portland, Oreg.	153	68	106	29.90	30.06	− .04	45.4	− 0.2	59	18	50	32	27	41	11	43	41	85	11.32	+ 4.8	24	4,121	s.	37	w.	25	0	2	28	9.6	.....	....
Roseburg	510	9	57	29.56	30.12	.00	47.4	+ 1.8	67	22	54	33	7	41	29	45	42	84	8.54	+ 4.2	25	1,926	s.	30	sw.	15	0	16	14	7.6	.....	....
Middle Pacific Coast Region.							**52.2**	**− 0.9**										**73**	**1.87**	**− 1.3**										**5.0**		
Eureka	62	73	89	30.10	30.17	+ .06	49.8	− 1.2	65	22	57	33	13	43	19	48	46	87	6.15	+ 0.5	18	4,200	se.	34	sw.	25	7	5	18	7.1	.....	....
Mount Tamalpais	2,375	11	18	27.66	30.15	+ .06	48.9	− 1.7	70	1	54	34	10	44	17	43	38	71	1.28	− 2.4	8	11,307	nw.	62	n.	26	10	7	13	5.4	.....	....
Point Reyes Light	490	7	18	29.58	30.10	.....	53.2	+ 0.2	66	19	57	44	9	49	16	.....	.....	.....	0.72	.....	4	11,226	nw.	64	nw.	6	13	6	11	4.8	.....	....
Red Bluff	332	50	56	29.76	30.13	+ .02	51.6	− 1.8	76	1	60	33	14	43	29	46	40	66	1.83	− 1.4	6	3,148	nw.	29	s.	25	12	6	12	5.3	.....	....
Sacramento	69	106	117	30.06	30.13	+ .04	53.0	− 0.4	80	1	62	34	27	44	28	48	42	69	0.83	− 1.3	5	4,274	se.	27	s.	8	11	9	10	4.8	.....	....
San Francisco	155	209	213	29.97	30.14	+ .05	56.1	+ 0.0	75	1	63	45	14	50	22	50	46	73	0.92	− 1.6	7	4,266	n.	27	sw.	8	14	12	4	3.6	.....	....
San Jose	141	12	110	29.99	30.14	.....	52.6	− 1.8	80	1	64	30	14	41	33	.....	.....	.....	0.19	− 1.7	4	3,515	se.	24	se.	8	14	12	4	3.8	.....	....
South Pacific Coast Region.							**58.3**	**+ 1.2**										**62**	**0.88**	**− 0.4**										**3.4**		
Fresno	327	89	98	29.78	30.14	+ .08	53.8	− 0.8	82	1	66	32	13	42	37	46	38	60	0.30	− 0.7	3	3,598	nw.	23	nw.	24	15	12	3	3.4	.....	....
Los Angeles	338	159	191	29.70	30.06	+ .04	61.8	+ 3.4	88	19	72	44	23	52	29	52	44	61	1.35	− 0.1	3	4,000	sw.	24	nw.	16	17	8	5	3.3	.....	....
San Diego	87	62	70	29.95	30.04	+ .02	59.6	+ 0.6	81	17	69	42	14	50	32	52	46	68	0.73	− 0.1	4	3,373	nw.	26	nw.	10	19	10	1	2.7	.....	....
San Luis Obispo	201	32	40	29.91	30.13	+ .07	58.1	+ 1.8	84	19	69	34	22	47	39	49	42	61	0.34	− 1.4	3	3,055	n.	20	n.	27	15	8	7	4.0	.....	....
West Indies.																																
San Juan	82	8	54	29.88	29.96	+ .06	79.2	.....	93	1	84	70	27	74	17	.....	.....	.....	13.29	+ 6.4	18	9,038	ne.	46	ne.	13	10	9	11	5.6	.....	....
Panama.																																
Balboa Heights	118	7	97	29.73	29.85	.....	78.8	.....	87	17	84	70	11	73	17	75	74	96	7.05	−3.22	24	3,966	nw.	24	ne.	17	0	2	28	9.1	.....	....
Colon	25	5	71	29.83	29.85	.....	80.4	.....	89	3	86	74	27	75	15	76	75	90	22.37	+0.65	27	5,354	se.	30	ne.	9	1	8	21	7.9	.....	....

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 November, 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.	25			T.														T.			
Albany, N. Y.	29			0.65														0.16			
Alpena, Mich.	18-20			1.19														.22			
Amarillo, Tex.	17			0.18														*			
Anniston, Ala.	14-15			1.10														.63			
Asheville, N. C.	26	5:10 p.m.	9:35 p.m.	0.53	7:38 p.m.	7:48 p.m.	0.10	0.20	0.31												
Atlanta, Ga.	18	7:15 a.m.	5:20 p.m.	0.52	3:39 p.m.	3:55 p.m.	.09	.17	.22	0.36	0.38										
Atlantic City, N. J.	19			0.56														.16			
Augusta, Ga.	18			2.22														.53			
Baker, Oreg.	25			0.63														*			
Baltimore, Md.	19			0.99														.29			
Bentonville, Ark.	25			1.37														.76			
Binghamton, N. Y.	19			0.47														.20			
Birmingham, Ala.	14-15	6:59 p.m.	D. N. a.m.	1.05	7:08 p.m.	7:28 p.m.	.01	.14	.27	.43	.50										
Bismarck, N. Dak.	7			0.40														.20			
Block Island, R. I.	19			1.03														.40			
Boise, Idaho.	23			0.15														.10			
Boston, Mass.	19			0.83														.35			
Buffalo, N. Y.	16-17			0.6[illegible]														*			
Burlington, Vt.	14-15			0.63														*			
Cairo, Ill.	25-26	8:30 p.m.	D. N. a.m.	1.34	10:35 p.m.	10:49 p.m.	.01	.12	.28	.36											
Canton, N. Y.	15			0.55														.09			
Charles City, Iowa.	10	4:10 a.m.	5:00 p.m.	1.23	9:11 a.m.	9:35 a.m.	.49	.13	.20	.31	.41	0.46									
Charleston, S. C.	18	9:48 a.m.	8:50 p.m.	1.49	6:10 p.m.	6:30 p.m.	.91	.06	.17	.39	.52										
Charlotte, N. C.	18			0.09														.25			
Chattanooga, Tenn.	14-15	2:54 p.m.	2:09 a.m.	1.61	6:20 p.m.	6:29 p.m.	.61	.31	.43												
Cheyenne, Wyo.	20			0.09														*			
Chicago, Ill.	18-19			1.26														.20			
Cincinnati, Ohio.	18-19			1.30														.20			
Cleveland, Ohio.	19			0.58														.23			
Columbia, Mo.	25-26	2:12 p.m.	2:24 p.m.	1.66	3:12 p.m.	3:33 p.m.	.07	.14	.34	.50	.59	.63									
Columbia, S. C.	18			1.74														.51			
Columbus, Ohio.	18-19			0.92														.25			
Concord, N. H.	19			1.27														.33			
Concordia, Kans.	10	7:34 p.m.	10:35 p.m.	0.77	7:49 p.m.	8:02 p.m.	.03	.07	.35	.40											
Corpus Christi, Tex.	17			0.16														.16			
Davenport, Iowa.	26			1.90														*			
Dayton, Ohio.	18-19			1.45														.19			
Del Rio, Tex.	24			0.01														.01			
Denver, Colo.	10			0.09														*			
Des Moines, Iowa.	10-11			0.87														.16			
Detroit, Mich.	18-19			1.45														.28			
Devils Lake, N. Dak.	7-8			0.35														.08			
Dodge City, Kans.	10			0.06														.04			
Dubuque, Iowa.	25			0.80														*			
Duluth, Minn.	26-27			0.27														*			
Durango, Colo.																					
Eastport, Me.	29-30			0.49														.27			
Elkins, W. Va.	14-15			1.61														.19			
El Paso, Tex.	6			0.01														*			
Erie, Pa.	14-15			0.48														*			
Escanaba, Mich.	10			1.27														.28			
Eureka, Cal.	23-24			2.61														.54			
Evansville, Ind.	11			0.97														.42			
Flagstaff, Ariz.																					
Fort Smith, Ark.	13-14			0.55														.43			
Fort Wayne, Ind.	18-19			0.91														*			
Fort Worth, Tex.	14			0.26														.14			
Fresno, Cal.	9			0.21														.11			
Galveston, Tex.	17-18			0.40														*			
Grand Haven, Mich.	18-19			0.88														*			
Grand Junction, Colo.	6-7			0.15														*			
Grand Rapids, Mich.	18-19			0.87														.11			
Green Bay, Wis.	11			0.26														.24			
Hannibal, Mo.	25-26	3:40 p.m.	3:25 p.m.	2.18	4:37 p.m.	4:54 p.m.	.03	.09	.26	.43	.50										
Harrisburg, Pa.	19			0.50														.15			
Hartford, Conn.	19			0.56														.17			
Hatteras, N. C.	18-19			0.59														.24			
Havre, Mont.	23			0.05														.05			
Helena, Mont.	12			0.19														*			
Houghton, Mich.	7	9:13 a.m.	D. N. p.m.	1.52	2:12 p.m.	2:47 p.m.	.38	.09	.18	.26	.36	.46	0.56	0.62							
Houston, Tex.	25			0.40														.37			
Huron, S. Dak.	7			0.25														.16			
Independence, Cal.	23			T.														T.			
Indianapolis, Ind.	18-19			1.68														.40			
Iola, Kans.	25			0.18														.14			
Jacksonville, Fla.	18	9:00 a.m.	4:10 p.m.	0.60	2:57 p.m.	3:05 p.m.	.22	.17	.34												
Kalispell, Mont.	25			0.34														*			
Kansas City, Mo.	25			0.49														.33			
Keokuk, Iowa.	25-26			1.88														.35			
Key West, Fla.	15			0.80														.44			
Knoxville, Tenn.	14-15			2.86														.47			
La Crosse, Wis.	10-11			1.13														.35			
Lander, Wyo.	20			0.04														*			
Lansing, Mich.	11	10:05 a.m.	7:15 p.m.	0.60	5:00 p.m.	5:17 p.m.	.08	.23	.41	.47	.50										
Lewiston, Idaho.	11			0.33														*			
Lexington, Ky.	11-12			0.70														.24			
Lincoln, Nebr.	10	9:05 a.m.	10:55 a.m.	0.88	9:41 a.m.	10:11 a.m.	.25	.09	.22	.31	.47	.50	.57								
Little Rock, Ark.	25	4:50 p.m.	D. N. p.m.	1.92	4:59 p.m.	6:15 p.m.	.01	.18	.47	.60	.79	.91	.94	.99	1.09	1.12	1.19	1.36	1.56		
Los Angeles, Cal.	5-6			1.13														.13			
Louisville, Ky.	18			1.25														.25			
Ludington, Mich.	18-19			1.05														*			
Lynchburg, Va.	18-19			1.43														.46			
Macon, Ga.	26	5:40 p.m.	6:50 p.m.	0.62	5:59 p.m.	6:25 p.m.	.01	.16	.35	.45	.50	.59	.60								
Madison, Wis.	25-26			1.37														.33			
Marquette, Mich.	10-11			0.61														.22			
Memphis, Tenn.	25-26	9:57 p.m.	D. N. a.m.	1.46	10:02 p.m.	10:44 p.m.	.01	.13	.23	.31	.42	.52	.60	.65	.75	.82					
Meridian, Miss.	26	D. N. a.m.	5:10 a.m.	0.88	2:34 a.m.	2:46 a.m.	.06	.22	.36	.40											
Miami, Fla.	15-16			2.22														.64			

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 November, 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.
Milwaukee, Wis.	18-19			0.65														*			
Minneapolis, Minn.	7	3:20 p. m.	6:10 p. m.	1.62	4:42 p. m.	5:23 p. m.	0.30	0.19	0.36	0.45	0.48	0.56	0.65	0.93	1.05	1.08					
Mobile, Ala.	18	D. N. a. m.	8:30 a. m.	1.33	7:27 a. m.	8:06 a. m.	.23	.06	.11	.22	.29	.46	.67	.97	1.07						
	23	D. N. a. m.	4:50 a. m.	1.03	3:14 a. m.	4:07 a. m.	.09	.07	.10	.12	.22	.27	.33	.54	.63	.67	0.71	0.79			
Modena, Utah	6			0.44														.11			
Montgomery, Ala.	18	6:55 a. m.	1:40 p. m.	0.79	11:30 a. m.	12:12 p. m.	.03	.07	.25	.35	.38	.41	.45	.52	.64	.69					
	26	8:07 a. m.	9:55 a. m.	0.78	8:13 a. m.	8:44 a. m.	.01	.08	.27	.36	.46	.52	.62	.68							
Moorhead, Minn.	7			0.58														.30			
Mount Tamalpais, Cal.	8-9			0.62														.23			
Nantucket, Mass.	19			0.74														*			
Nashville, Tenn.	13-14	10:10 p. m.	1:05 p. m.	3.39	5:13 a. m.	6:07 a. m.	1.02	.08	.13	.16	.22	.42	.50	.51	.62	.67	.73	.83			
New Haven, Conn.	19			1.10														.42			
New Orleans, La.	26			1.17														*			
New York, N. Y.	14-15			0.50														.11			
Norfolk, Va.	18-19			0.63														.27			
Northfield, Vt.	14-15			0.50														*			
North Head, Wash.	28			1.19														.23			
North Platte, Nebr.	10			0.18														.10			
Oklahoma, Okla.	10	10:23 p. m.	10:45 p. m.	0.31	10:25 p. m.	10:31 p. m.	.01	.28	.30												
Omaha, Nebr.	10	8:30 p. m.	D. N. p. m.	0.91	8:33 p. m.	8:45 p. m.	.01	.21	.34	.42											
Oswego, N. Y.	19			0.59														*			
Palestine, Tex.	17	3:45 p. m.	6:40 p. m.	0.60	5:45 p. m.	6:08 p. m.	.10	.10	.25	.34	.45	.49									
Parkersburg, W. Va.	14-15			1.60														.17			
Pensacola, Fla.	18	3:05 a. m.	12:05 p. m.	2.19	9:31 a. m.	10:16 a. m.	.13	.29	.66	1.13	1.42	1.56	1.69	1.82	1.88	1.94					
Peoria, Ill.	25-26			1.33														.32			
Philadelphia, Pa.	19			0.40														.20			
Phoenix, Ariz.	5-6			0.46														.13			
Pierre, S. Dak.	7			0.69														.20			
Pittsburgh, Pa.	19-20			0.48														.20			
Pocatello, Idaho	24			0.12														.08			
Point Reyes Light, Cal.	8			0.39														*			
Port Huron, Mich.	18-20			1.31														.18			
Portland, Me.	19			1.24														.33			
Portland, Oreg.	22-23			2.33														.33			
Providence, R. I.	29			0.29														.26			
Pueblo, Colo.	27			0.15														*			
Raleigh, N. C.	18			0.67														.31			
Rapid City, S. Dak.	7			0.08														.06			
Reading, Pa.	19			1.06														.29			
Red Bluff, Cal.	8			1.23														.36			
Reno, Nev.	9			0.15														*			
Richmond, Va.	18-19			0.38														.20			
Rochester, N. Y.	19			0.70														.15			
Roseburg, Oreg.	15			1.14														.20			
Roswell, N. Mex.	25			T.														T.			
Sacramento, Cal.	8-9			0.68														*			
Saginaw, Mich.	11	3:15 p. m.	6:21 p. m.	0.49	4:58 p. m.	5:11 p. m.	.06	.16	.30	.36											
St. Joseph, Mo.	27			0.24														0.9			
St. Louis, Mo.	25-26			0.85														.35			
St. Paul, Minn.	10-11			1.51														*			
Salt Lake City, Utah	6-7			0.74														*			
San Antonio, Tex.	13			0.13														.11			
San Diego, Cal.	5-6			.36														.11			
Sand Key, Fla.	15-16			0.99														.26			
Sandusky, Ohio	18-19			0.99														.19			
San Francisco, Cal.	8			0.47														.18			
San Jose, Cal.	8			0.11														.09			
San Luis Obispo, Cal.	8			0.16														.13			
Santa Fe, N. Mex.	6-7			0.39														.12			
Sault Ste. Marie, Mich.	10-11			1.53														*			
Savannah, Ga.	18			1.43														.33			
Scranton, Pa.	8			0.21														.13			
Seattle, Wash.	22			0.72														.15			
Sheridan, Wyo.	20			0.40														*			
Shreveport, La.	8-9	11:20 p. m.	D. N. a. m.	0.98	11:23 p. m.	11:43 p. m.	.01	.24	.49	.74	.80										
Sioux City, Iowa	10-11			0.83														.27			
Spokane, Wash.	21			0.47														*			
Springfield, Ill.	25-26			0.61														.22			
Springfield, Mo.	25	11:42 a. m.	8:02 p. m.	1.36	2:12 p. m.	2:43 p. m.	.16	.08	.13	.21	.47	.62	.68	.72							
Syracuse, N. Y.	19			0.44														*			
Tacoma, Wash.	24-26			1.49														*			
Tampa, Fla.	18	12:35 p. m.	1:45 p. m.	0.43	12:55 p. m.	1:10 p. m.	.07	.10	.27	.36											
		3:50 p. m.	10:00 p. m.	1.15	6:48 p. m.	7:19 p. m.	.31	.09	.14	.21	.26	.49	.59	.63							
Tatoosh Island, Wash.	21			1.16														.51			
Taylor, Tex.	14			0.52														.21			
Terre Haute, Ind.	11			1.34														.58			
Thomasville, Ga.	18			1.29														.35			
Toledo, Ohio	18-19			1.29														.23			
Tonopah, Nev.	26			T.														T.			
Topeka, Kans.	10-11			0.36														.23			
Valentine, Nebr.	7			0.23														.19			
Vicksburg, Miss.	14	2:00 p. m.	7:30 p. m.	2.03	2:29 p. m.	2:46 p. m.	.01	.26	.40	.53	.56										
					3:26 p. m.	3:53 p. m.	.73	.12	.33	.47	.56	.62	.70								
	25-26	9:10 p. m.	D. N. a. m.	1.19	9:48 p. m.	10:17 p. m.	.02	.20	.36	.47	.59	.73	.83								
Walla Walla, Wash.	17			0.68														*			
Washington, D. C.	18-19			0.55														.24			
Wichita, Kans.	10			0.24														.23			
Williston, N. Dak.	7			1.69														.17			
Wilmington, N. C.	18			0.71														.29			
Winnemucca, Nev.	23-24			0.24														*			
Wytheville, Va.	15			0.25														*			
Yankton, S. Dak.	10-11			0.61														.27			
Yellowstone Park, Wyo.	24			0.29														*			

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

TABLE III.—*Data furnished by the Canadian Meteorological Service, November, 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	29.61	29.75	−0.19	40.4	+3.9	44.4	36.4	54	30	8.45	+2.88	T.
Sydney, C. B. I	29.78	29.82	− .13	41.4	+4.3	46.7	36.1	58	24	8.38	+2.94	.....
Halifax, N. S	29.75	29.86	− .05	42.3	+5.0	48.7	35.9	65	28	6.56	+0.90	2.4
Yarmouth, N. S	29.80	29.87	− .05	41.5	+1.6	45.5	37.4	55	28	3.98	−0.68	.....
Charlottetown, P. E. I	29.81	29.85	− .11	39.4	+3.9	43.3	35.4	54	22	4.67	+0.70	3.0
Chatham, N. B	29.89	29.91	− .06	35.6	+4.6	40.4	30.7	52	15	3.16	−0.59	5.1
Father Point, Que	29.89	29.91	− .05	31.6	+2.7	36.3	26.8	46	12	2.09	−1.02	9.2
Quebec, Que	29.61	29.95	− .07	32.6	+3.6	37.3	27.9	50	19	2.23	−1.53	8.5
Montreal, Que	29.73	29.95	− .08	35.4	+3.6	40.7	30.1	64	21	2.34	−1.40	2.0
Stonecliffe, Ont	29.31	29.94	− .07	33.4	+4.3	39.0	27.8	59	9	0.97	−1.68	3.3
Ottawa, Ont	29.68	30.01	− .01	35.6	+3.9	41.7	29.5	61	16	1.55	−0.99	3.4
Kingston, Ont	29.68	30.00	− .04	40.2	+4.8	46.5	33.9	63	20	0.89	−2.35	T.
Toronto, Ont	29.54	29.93	− .11	40.7	+5.1	46.5	34.8	61	24	1.89	−1.35	2.9
White River, Ont	29.45	29.79	− .19	26.7	+6.2	33.8	19.6	55	− 9	3.49	+0.35	17.0
Port Stanley, Ont	29.30	29.96	− .09	40.4	+3.6	47.7	33.1	54	12	2.95	+1.10	1.9
Southampton, Ont	29.19	.....	.....	39.9	+4.0	46.5	33.3	66	16	3.48	+0.11	5.9
Parry Sound, Ont	29.20	29.90	− .11	37.4	+5.3	44.1	30.7	58	12	3.64	−0.06	11.6
Port Arthur, Ont	29.13	29.86	− .14	32.2	+2.2	38.1	26.3	54	12	2.45	+1.12	0.7
Winnipeg, Man	29.05	29.91	− .13	24.6	+6.6	30.9	18.2	53	− 2	1.16	+0.08	9.6
Minnedosa, Man	28.03	29.90	− .14	21.5	+4.2	29.1	13.9	60	− 5	1.01	+0.01	10.1
Qu'Appelle, Sask	27.55	29.85	− .15	23.7	+4.9	32.2	15.2	55	− 8	1.70	+0.81	17.0
Medicine Hat, Alberta	27.53	29.85	− .15	32.3	+4.9	42.3	22.3	63	0	0.09	−0.83	0.8
Swift Current, Sask	27.24	29.87	− .15	27.5	+4.3	38.6	16.3	57	− 2	0.10	−0.59	0.7
Calgary, Alberta	26.26	29.86	− .12	29.1	+3.3	39.6	18.6	55	0	0.47	−0.41	4.7
Banff, Alberta	25.24	29.97	+ .01	23.2	−2.6	30.2	16.1	42	− 8	0.48	−1.79	4.6
Edmonton, Alberta	27.49	29.84	− .13	25.4	+2.5	34.7	16.0	53	3	0.60	+0.02	6.0
Prince Albert, Sask	28.24	29.85	− .18	18.7	+3.3	25.5	11.9	44	−14	0.94	−0.11	9.4
Battleford, Sask	28.10	29.90	− .12	21.1	+4.8	31.6	10.6	51	−12	0.30	−0.28	3.0
Kamloops, B. C	28.72	30.04	+ .08	33.3	−0.1	37.8	28.8	54	13	0.38	−0.40	0.8
Victoria, B. C	29.74	29.84	− .15	43.3	+0.1	47.4	39.2	54	33	4.57	−2.40	.....
Barkerville, B. C	25.48	29.87	− .03	20.7	−2.9	28.3	13.2	37	0	3.05	−0.12	30.5
Hamilton, Bermuda	29.91	30.07	− .02	66.6	−2.1	71.9	61.3	76	56	3.04	−1.34	.....

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