Average relative humidity and departures from the normal.

Districts.	Average.	Departure from the normal.	Districts.	Average.	Departure from the normal.
	%			%	
New England	73	— 3	Missouri Valley	79	+ 4
Middle Atlantic	74	— 2	Northern Slope	80	+10
South Atlantic	72	— 5	Middle Slope	77	+10
Florida Peninsula	78	— 3	Southern Slope	70	+ 4
East Gulf	77	— 1	Southern Plateau	62	+10
West Gulf	74	— 2	Middle Plateau	74	+ 4
Ohio Valley and Tennessee	78	+ 1	Northern Plateau	84	— 1
Lower Lake	82	+ 1	North Pacific	82	— 4
Upper Lake	81	— 2	Middle Pacific	83	+ 2
North Dakota	80	0	South Pacific	74	+ 2
Upper Mississippi Valley	84	+ 6			

WIND.

The maximum wind velocity at each Weather Bureau station for a period of five minutes is given in Table I, which also gives the altitude of Weather Bureau anemometers above ground.

Following are the velocities of 50 miles and over per hour registered during the month:

Maximum wind velocities.

Stations.	Date.	Velocity.	Direction.	Stations.	Date.	Velocity.	Direction.
Block Island, R. I.	3	66	n.	Nantucket, Mass.	4	54	ne.
Do	4	63	ne.	Do	7	54	se.
Do	7	53	se.	Do	25	70	ne.
Do	24	51	ne.	Do	26	60	n.
Do	25	70	n.	New Haven, Conn.	3	53	ne.
Do	26	54	nw.	New York, N. Y.	7	50	se.
Buffalo, N. Y.	7	56	w.	North Head, Wash	1	64	se.
Do	8	60	w.	Do	2	70	se.
Do	15	51	w.	Do	3	50	s.
Do	16	54	w.	Do	23	66	se.
Cape Henry, Va.	4	50	nw.	Do	24	60	s.
Do	25	58	nw.	Do	25	58	s.
Do	26	53	nw.	Do	26	56	se.
Cleveland, Ohio	25	50	n.	Do	27	60	s.
Columbia, S. C.	25	52	nw.	Portland, Me.	7	55	se.
Duluth, Minn.	9	50	nw.	Syracuse, N. Y.	12	55	s.
Eastport, Me.	7	60	se.	Tatoosh Island, Wash.	1	62	s.
Hatteras, N. C.	3	56	w.	Do	2	64	s.
Do	6	50	s.	Do	3	50	nw.
Do	25	52	nw.	Do	12	82	e.
Do	26	50	nw.	Do	13	83	e.
Mount Tamalpais, Cal.	10	58	nw.	Do	14	68	e.
Do	11	64	nw.	Do	15	60	e.
Mount Weather, Va.	1	53	nw.	Do	21	52	e.
Do	4	58	nw.	Do	25	55	s.
Do	25	64	nw.	Do	26	50	s.
Do	26	64	nw.	Do	30	58	e.
Nantucket, Mass.	3	55	ne.	Do	31	70	e.

ATMOSPHERIC ELECTRICITY.

Thunderstorms.—Reports of 148 thunderstorms were received during the current month as against 427 in 1904 and 253 during the preceding month.

The dates on which the number of reports of thunderstorms for the whole country was most numerous were: 11th, 45; 12th, 38; 25th, 10.

Reports were most numerous from: Texas, 45; Arkansas, 20; Oregon, 16.

Auroras.—The evenings on which bright moonlight must have interfered with observations of faint auroras are assumed to be the four preceding and following the dates of full moon, viz, January 17 to 25, inclusive.

In Canada: No thunderstorms were reported. Hamilton, Bermuda, reported thunderstorms on the 20th, 24th, 25th, 26th, and 27th.

Auroras were reported from Grand Manan, 5th, 14th; Father Point, 5th; Quebec, 5th, 14th; White River, 5th; Minnedosa, 1st, 6th, 11th, 15th, 17th, 31st; Qu'Appelle, 6th, 29th, 31st; Swift Current, 16th; Edmonton, 4th, 5th, 6th, 7th, 10th, 17th, 31st; Prince Albert, 17th, 18th; Battleford, 16th, 31st.

CLEAR SKY AND CLOUDINESS.

The cloudiness was normal in New England and the upper Mississippi Valley; below normal in the South Atlantic and east Gulf States, Florida Peninsula, and upper Lake regions; and above normal in the remaining districts.

The distribution of clear sky is graphically shown on Chart IV, and the numerical values of average daylight cloudiness, both for individual stations and by geographic districts, appear in Table I.

The average for the various districts, with departures from the normal, are shown in the following table:

Average cloudiness and departures from the normal.

Districts.	Average.	Departure from the normal.	Districts.	Average.	Departure from the normal.
New England	5.8	0.0	Missouri Valley	5.5	+ 0.4
Middle Atlantic	6.0	+ 0.4	Northern Slope	5.9	+ 1.3
South Atlantic	4.9	— 0.4	Middle Slope	5.2	+ 1.4
Florida Peninsula	4.8	— 0.4	Southern Slope	4.6	+ 0.8
East Gulf	5.4	— 0.2	Southern Plateau	3.9	+ 1.0
West Gulf	5.7	+ 0.3	Middle Plateau	6.1	+ 1.3
Ohio Valley and Tennessee	6.7	+ 0.3	Northern Plateau	7.6	+ 0.3
Lower Lake	7.6	+ 0.1	North Pacific	7.2	+ 0.1
Upper Lake	6.7	— 0.1	Middle Pacific	6.8	+ 1.7
North Dakota	5.0	+ 0.3	South Pacific	6.1	+ 2.0
Upper Mississippi Valley	5.3	0.0			

DESCRIPTION OF TABLES AND CHARTS.

By Mr. WM. B. STOCKMAN, Chief, Division of Meteorological Records.

Table I gives, for about 137 Weather Bureau stations making two observations daily and for about 31 others making only one observation, the data ordinarily needed for climatological studies, viz, the monthly mean pressure, the monthly means and extremes of temperature, the average conditions as to moisture, cloudiness, movement of the wind, and the departures from normals in the case of pressure, temperature, and precipitation, the total depth of snowfall, and the mean wet-bulb temperatures. The altitudes of the instruments above ground are also given.

Table II gives, for about 2,800 stations occupied by voluntary and other cooperating observers, the highest maximum and the lowest minimum temperatures, the mean temperature deduced from the average of all the daily maxima and minima, or other readings, as indicated by the numeral following the name of the station, the total monthly precipitation, and the total depth in inches of any snow that may have fallen. When the spaces in the snow column are left blank it indicates that no snow has fallen, but when it is possible that there may have been snow of which no record has been made, that fact is indicated by leaders, thus (. . . .).

Table III gives, for all stations that make observations at 8 a. m. and 8 p. m., the four component directions and the resultant directions of the wind based on these two observations only and without considering the velocity. The total movement for the whole month, as read from the dial of the Robinson anemometer, is given for each station in Table I.

Table IV gives a record of rains whose intensity 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	80	100	120
Rates per hour (ins.)	3.00	1.80	1.40	1.20	1.08	1.00	0.94	0.90	0.86	0.84	0.75	0.60	0.54	0.50

In the northern part of the United States, especially in the colder months of the year, rains of the intensities shown in the above table seldom occur. In all cases where no storm of sufficient intensity to entitle it to a place in the full table has occurred, the greatest rainfall of any single storm has been given, also the greatest hourly fall during that storm.

Table V gives, for about 30 stations furnished by the Canadian Meteorological Service, Prof. R. F. Stupart, director, 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.

Table VI gives the heights of rivers referred to zeros of gages; it is prepared by the Forecast Division.

NOTES EXPLANATORY OF THE CHARTS.

Chart I, tracks of centers of high areas, and Chart II, tracks of centers of low areas, are prepared by the Forecast Division. The roman numerals show number and chronological order of highs (Chart I) and lows (Chart II). 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., seventy-fifth meridian time. Within each circle is also given (Chart I) the highest barometric reading and (Chart II) the lowest barometric reading at or near the center at that time, and in both cases as reduced to sea level and standard gravity.

Chart III.—Total precipitation. The scale of shades showing the depth of rainfall is given on the chart itself. For isolated stations the rainfall is given in inches and tenths, when appreciable; otherwise, a "trace" is indicated by a capital T, and no rain at all by 0.0.

Chart IV.—Percentage of clear sky. The average cloudiness at each Weather Bureau station is determined by numerous personal observations during the day. The difference between the observed cloudiness and 100, it is assumed, represents the percentage of clear sky, and the values thus obtained have been used in preparing Chart IV.

Chart V.—Hydrographs for seven principal rivers of the United States. Prepared by the Forecast Division.

Chart VI. Isobars and isotherms at 10,000 feet. The mean monthly station pressure for each station has been reduced to the 10,000-foot plane by entering Table 53, pages 789–988, Volume II, Annual Report of the Chief of the Weather Bureau, 1900–1901, with the temperature argument, t, corresponding to θ_2, and correcting the station pressure by the reduction $B_2 - B$ after applying the plateau correction, $C.\ \Delta\ \theta.\ H$, and the corrections for e and $\Delta\ A$, the argument t being the mean monthly air temperature. This reduction is fully described in the Annual Report of the Chief of the Weather Bureau for 1900–1901, Volume II, pages 772 to 786. The reduction for obtaining B_2 may also be found by using gradients from the station pressure to the height of 10,000 feet, as set forth on pages 18 and 19 of the MONTHLY WEATHER REVIEW for January, 1902.

The isotherms on the 10,000-foot plane have been computed by using the gradients for temperature for each month and station as shown by Table 48, Chapter VIII, Volume II, Report of the Chief of the Weather Bureau, 1900–1901.

Chart VII.—Isobars and isotherms at 3500 feet. The pressure and temperature data entered on this chart are found by the method described for similar data on the 10,000 foot plane.

Chart VIII.—Isobars and isotherms at sea-level and resultant surface winds. 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 twenty-four 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 8 p. m. observation, respectively, at stations taking but a single observation. The diurnal corrections so applied will be found in Table 27, Volume II, Annual Report of the Chief of Weather Bureau, 1900–1901, pp. 140–164.

The isotherms on the sea-level plane have been constructed by means of the data summarized in chapter 8 of the Annual Report of the Chief of the Weather Bureau for 1900–1901, Volume II. The correction $t_0 - t$, or temperature on the sea-level plane minus the station temperature, as given by Table 48 of the above report, is added to the observed surface temperature to obtain the adopted sea-level temperature.

The resultant wind directions are computed from observations at 8 a. m. and 8 p. m. daily. The resultant durations are shown by figures attached to the arrows.

Chart IX.—Isobars at sea-level; surface isotherms; resultant winds.

Chart X.—The total snowfall. This is based on the reports from regular and voluntary observers, and shows the depth in inches 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 XI.—Depth of snow on ground at end of month.

When there is no snow the last two charts are omitted.

TABLE I.—*Climatological data for Weather Bureau stations, January, 1905.*

Stations.	Elevation of instruments.			Pressure, in inches.			Temperature of the air, in degrees Fahrenheit.												Precipitation, in inches.			Wind.									
	Barometer above sea level, feet.	Thermometers above ground.	Anemometer above ground.	Actual, reduced to mean of 24 hours.	Sea level, reduced to mean of 24 hrs.	Departure from normal.	Mean max. + mean min. ÷ 2.	Departure from normal.	Maximum.	Date.	Mean maximum.	Minimum.	Date.	Mean minimum.	Greatest daily range.	Mean wet thermometer.	Mean temperature of the dew-point.	Mean relative humidity, per cent.	Total.	Departure from normal.	Days with .01, or more.	Total movement, miles.	Prevailing direction.	Maximum velocity. Miles per hour.	Maximum velocity. Direction.	Maximum velocity. Date.	Clear days.	Partly cloudy days.	Cloudy days.	Average cloudiness, tenths.	Total snowfall.
New England.							**21.3**	**— 3.2**										**73**	**3.92**	**+ 0.2**										**5.8**	
Eastport	76	69	82	29.92	30.01	+ .01	16.6	— 3.8	49	7	24	—10	15	9	30	15	12	80	4.14	+ 0.2	13	11,882	nw.	60	se.	7	7	12	12	6.2	36.3
Portland, Me.	103	81	117	29.93	30.06	+ .01	17.9	— 4.6	47	7	25	—10	15	10	34	16	11	76	5.16	+ 1.5	13	8,376	nw.	55	se.	7	12	12	7	4.8	43.2
Concord	288	70	79	29.72	30.05	.00	17.8	— 3.2	46	7	26	—15	15	9	32	.....	.....	....	4.10	+ 0.8	14	4,635	nw.	26	sw.	8	9	8	14	6.3	24.8
Northfield	876	16	60	29.09	30.10	+ .05	11.6	— 3.9	46	7	22	—23	15	1	37	10	6	75	1.53	— 1.2	14	6,706	n.	38	sw.	8	5	9	17	7.0	12.6
Boston	125	115	181	29.93	30.07	+ .02	25.1	— 1.9	52	1	32	4	6	18	30	22	16	68	4.09	0.0	10	9,705	nw.	44	se.	7	11	7	13	5.9	21.3
Nantucket	12	14	90	30.04	30.05	+ .01	29.0	— 2.4	50	7	35	10	5	23	20	26	23	79	5.70	+ 2.0	13	14,356	nw.	70	ne.	25	7	8	16	6.8	32.4
Block Island	26	11	46	30.05	30.08	+ .01	27.8	— 3.3	50	7	34	8	26	22	22	25	20	73	2.46	— 1.7	10	17,972	nw.	70	n.	25	9	13	9	5.4	5.7
Providence	159	57	67	29.90	30.09	+ .03	25.3	.....	50	7	34	4	5	17	32	21	15	68	2.45	.....	10	6,616	nw.	38	se.	7	12	8	11	5.4	13.6
Hartford	159	115	132	29.92	30.11	+ .04	23.3	.....	53	7	31	— 1	24	16	33	20	14	72	4.64	.....	11	6,035	n.	41	se.	7	10	14	7	4.9	27.1
New Haven	106	116	154	29.98	30.11	+ .03	24.6	— 2.9	52	1	32	1	26	17	31	21	15	68	4.14	— 0.2	10	8,362	n.	53	ne.	3	12	9	10	4.8	19.5
Mid. Atlantic States.							**28.5**	**— 3.4**										**74**	**3.46**	**0.0**										**6.0**	
Albany	97	102	115	30.02	30.13	+ .06	20.7	— 2.5	52	7	28	— 6	26	14	30	19	15	78	2.66	— 0.2	9	6,820	nw.	43	se.	7	8	10	13	6.4	18.2
Binghamton	875	79	90	29.13	30.10	+ .02	19.8	— 2.6	51	1	27	— 8	31	12	29	.....	.....	....	2.37	— 0.6	15	5,787	w.	32	se.	6	6	11	14	6.4	20.9
New York	314	108	350	29.76	30.11	+ .01	27.5	— 3.0	52	7	34	0	26	22	25	25	21	77	3.93	— 0.1	12	12,364	w.	50	se.	7	9	9	13	6.0	19.3
Harrisburg	374	94	104	29.73	30.16	+ .06	26.0	— 4.3	58	1	32	2	26	19	24	23	18	71	4.15	+ 0.5	14	6,544	w.	28	nw.	4	9	6	16	6.5	21.2
Philadelphia	117	116	184	30.01	30.14	+ .03	29.8	— 2.2	58	1	36	6	26	24	24	26	20	69	3.12	— 0.3	13	9,085	nw.	47	ne.	25	7	9	15	6.0	11.6
Scranton	805	111	119	29.23	30.14	+ .05	23.4	.....	53	1	30	— 2	26	16	30	21	17	79	4.41	.....	20	6,637	sw.	42	se.	7	2	13	16	7.9	27.6
Atlantic City	52	39	48	30.07	30.13	+ .02	29.5	— 3.0	59	1	37	5	26	22	23	26	21	74	4.74	+ 0.9	12	6,927	nw.	45	ne.	25	11	5	15	5.6	22.3
Cape May	17	48	52	30.14	30.16	+ .04	30.2	— 4.2	57	1	36	7	26	24	24	28	.....	....	3.80	0.0	10	7,556	nw.	40	nw.	26	10	13	8	5.4	23.0
Baltimore	123	69	117	30.00	30.14	+ .02	30.8	— 3.2	64	1	38	6	26	24	23	26	20	66	4.69	+ 1.4	12	6,335	nw.	32	nw.	4	8	6	17	6.5	15.0
Washington	112	59	76	30.04	30.16	+ .03	29.8	— 3.4	65	1	38	— 2	31	21	29	26	20	69	3.59	+ 0.1	12	5,798	nw.	44	nw.	25	8	9	14	6.3	13.5
Lynchburg	681	83	88	29.40	30.17	+ .04	33.2	— 3.6	67	1	42	11	26	24	29	28	23	72	3.11	— 0.8	9	3,784	nw.	34	nw.	26	11	11	9	5.3	5.8
Mount Weather	1,725	10	57	28.23	30.12	.....	24.2	.....	59	1	31	— 2	26	18	39	22	18	79	3.33	.....	11	15,120	nw.	64	nw.	25	11	5	15	5.9	13.9
Norfolk	91	102	111	30.07	30.17	+ .04	36.5	— 3.9	67	12	44	12	26	28	30	32	26	70	2.99	— 0.8	12	7,402	ne.	39	sw.	7	13	7	11	5.3	3.3
Richmond	144	82	90	30.01	30.17	+ .04	35.0	.....	68	1	44	11	31	26	30	.....	.....	....	2.47	.....	10	4,382	sw.	23	nw.	25	14	6	11	5.0	6.5
Wytheville	2,293	40	47	27.71	30.19	+ .05	27.8	— 4.4	55	1	36	— 1	25	19	33	25	21	81	2.37	— 0.7	10	5,408	w.	27	nw.	3	8	9	14	6.0	12.9
S. Atlantic States.							**41.6**	**— 4.3**										**72**	**2.08**	**— 2.1**										**4.9**	
Asheville	2,255	53	75	27.77	30.18	+ .03	32.0	— 4.8	60	1	41	— 1	25	23	32	27	22	74	2.85	— 1.5	10	7,062	nw.	37	nw.	3	8	11	12	6.1	2.6
Charlotte	773	68	76	29.33	30.20	+ .05	37.0	— 4.2	65	1	45	12	26	28	28	31	24	66	2.11	— 3.0	10	5,119	sw.	25	nw.	25	12	4	15	5.4	T.
Hatteras	11	12	47	30.14	30.15	+ .01	41.8	— 3.9	68	12	48	20	27	36	26	38	34	80	3.04	— 2.9	10	13,351	n.	56	w.	3	17	7	7	4.3	T.
Raleigh	376	71	79	29.76	30.18	+ .05	36.9	— 3.9	66	1	46	13	26	28	29	32	26	69	2.37	— 1.2	10	4,882	nw.	29	nw.	25	12	7	12	5.0	1.0
Wilmington	78	82	90	30.08	30.17	+ .03	42.0	— 4.9	72	12	52	16	27	32	30	36	30	70	1.80	— 2.1	9	6,231	nw.	34	nw.	3	15	11	5	4.1	0.0
Charleston	48	14	92	30.15	30.20	+ .05	45.8	— 4.2	69	1	54	17	26	38	30	41	37	79	1.32	— 2.7	7	7,898	se.	36	n.	14	12	14	5	4.6	T.
Columbia, S. C.	351	167	175	29.80	30.19	+ .04	41.8	— 3.8	67	12	51	14	26	33	29	36	28	64	1.71	— 2.1	9	7,607	w.	52	nw.	25	10	6	15	6.2	T.
Augusta	180	89	97	30.02	30.22	+ .06	42.4	— 4.2	69	1	52	14	26	32	35	37	32	72	1.73	— 2.7	10	4,917	w.	37	w.	3	10	14	7	4.6	T.
Savannah	65	81	89	30.14	30.22	+ .07	47.0	— 4.0	73	12	56	16	26	38	31	40	34	68	2.06	— 1.2	10	5,683	nw.	35	nw.	3	13	9	9	4.7	T.
Jacksonville	43	101	129	30.15	30.20	+ .05	49.8	— 5.4	75	12	59	17	26	40	28	43	39	74	1.80	— 1.5	6	7,168	nw.	35	w.	3	15	6	10	4.3	
Florida Peninsula.							**59.8**	**— 4.9**										**78**	**0.83**	**— 2.1**										**4.3**	
Jupiter	28	10	48	30.14	30.17	+ .07	60.8	— 4.9	81	13	70	24	26	52	33	55	51	77	1.40	— 2.5	7	9,368	nw.	35	se.	5	13	13	5	4.4	
Key West	22	10	53	30.14	30.16	+ .06	63.4	— 6.3	83	13	68	44	26	58	18	59	56	82	0.69	— 1.4	8	8,533	ne.	34	nw.	3	13	10	8	5.1	
Tampa	34	79	96	30.16	30.20	+ .08	55.2	— 3.5	79	12	65	23	26	45	32	48	44	76	0.40	— 2.3	4	6,287	nw.	33	nw.	3	18	9	4	3.5	
East Gulf States.							**42.8**	**— 5.6**										**77**	**5.52**	**+ 0.2**										**5.4**	
Atlanta	1,174	190	216	28.95	30.23	+ .08	36.6	— 5.9	65	1	44	6	25	29	25	33	29	76	3.93	— 1.8	10	9,957	nw.	48	nw.	25	8	10	13	5.8	T.
Macon	370	93	99	29.82	30.24	+ .08	41.8	.....	68	1	52	13	26	32	34	.....	.....	....	1.50	.....	9	5,216	nw.	36	nw.	25	10	8	13	5.7	T.
Pensacola	56	79	96	30.20	30.26	+ .12	47.1	— 5.4	68	12	55	18	26	39	27	.....	.....	....	6.39	+ 1.7	10	7,871	n.	41	nw.	25	9	13	9	5.2	0.0
Birmingham	700	136	143	29.48	30.27	+ .11	37.8	— 7.9	65	2	46	7	25	29	27	.....	.....	....	5.59	— 0.1	12	6,025	nw.	30	se.	11	10	6	15	6.0	T.
Mobile	57	88	96	30.20	30.26	+ .11	45.8	— 4.7	70	12	54	17	26	38	31	41	36	73	5.53	+ 0.4	9	6,136	n.	34	nw.	25	8	13	10	5.3	0.0
Montgomery	223	100	112	30.01	30.28	+ .12	42.3	— 6.0	70	2	51	12	26	33	33	39	36	83	4.99	— 0.4	9	5,746	nw.	30	nw.	25	14	8	9	4.5	0.0
Meridian	375	84	93	29.86	30.28	+ .12	40.8	— 6.2	67	10	50	13	26	32	35	.....	.....	....	6.06	+ 0.9	11	4,714	n.	28	w.	6	13	4	14	5.3	0.0
Vicksburg	247	62	74	29.98	30.28	+ .13	42.6	— 4.7	72	11	50	15	26	35	27	38	34	76	5.33	— 0.2	11	5,434	n.	30	nw.	2	9	7	15	6.0	0.0
New Orleans	51	88	121	30.20	30.26	+ .13	49.6	— 4.2	73	1	58	22	26	42	26	45	40	75	6.31	+ 1.1	8	7,646	n.	32	s.	11	10	10	11	5.0	0.0
West Gulf States.							**43.8**	**— 2.9**										**74**	**2.95**	**— 0.5**										**5.7**	
Shreveport	249	77	84	30.01	30.30	+ .16	41.0	— 4.9	73	11	48	17	26	34	33	37	32	74	4.13	— 0.5	9	5,754	se.	31	se.	11	12	4	15	6.1	T.
Fort Smith	457	79	94	29.79	30.30	+ .16	32.2	— 3.9	66	1	40	2	25	24	27	29	24	73	3.25	+ 0.9	8	7,217	e.	36	nw.	2	9	10	12	5.7	3.0
Little Rock	357	93	100	29.91	30.31	+ .16	34.4	— 6.4	65	1	42	5	25	26	38	31	25	72	4.03	— 0.8	8	6,463	nw.	35	nw.	2	10	12	9	5.3	3.0
Corpus Christi	20	48	53	30.21	30.23	+ .13	54.8	— 0.7	77	11	62	26	14	47	33	50	46	79	0.87	— 2.0	9	7,542	se.	34	s.	11	8	7	16	6.4	0.0
Fort Worth	670	106	114	29.55	30.29	+ .17	38.2	.....	72	1	46	11	15	30	33	.....	.....	...	1.52	.....	7	8,327	nw.	32	sw.	4	16	3	12	5.0	0.0
Galveston	54	106	112	30.19	30.25	+ .12	51.0	— 1.7	69	1	56	27	26	46	19	49	46	85	5.40	+ 1.7	10	9,703	n.	39	n.	13	13	4	14	5.3	0.0
Palestine	510	73	79	29.72	30.27	+ .15	43.0	— 0.8	69	20	51	18	15	35	32	38	33	73	2.06	— 2.2	9	5,624	n.	24	n.	2	13	5	13	5.5	0.0
San Antonio	701	80	91	29.48	30.23	+ .13	49.9	— 1.6	80	11	60	24	16	40	37	43	36	64	0.88	— 0.8	8	5,863	n.	33	n.	2	12	6	13	5.4	0.0
Taylor	583	55	63	29.64	30.26	+ .15	45.4	.....	76	20	56	16	26	35	39	.....	.....	....	1.19	.....	10	7,428	n.	29	n.	12	8	11	12	6.2	0.0
Ohio Val. and Tenn.							**27.4**	**— 6.5**										**78**	**2.52**	**— 1.7**										**6.7**	
Chattanooga	762	106	112	29.44	30.28	+ .12	33.8	— 7.2	65	1	42	2	25	26	28	30	26	73	2.69	— 3.5	10	5,609	w.	32	nw.	25	8	8	15	6.1	6.1
Knoxville	1,004	35	88	29.16	30.25	+ .10	31.2	— 6.5	63	1	39	2	25	23	32	28	25	81	3.24	— 2.3	11	4,723	nw.	34	w.	7	5	5	21	7.3	11.8
Memphis	399	146	154	29.88	30.32	+ .16	32.9	— 7.0	66	1	40	3	25	26	39	30	26	76	4.15	— 1.4	12	7,710	nw.	36	nw.	2	10	7	14	6.1	6.8
Nashville	546	122	134	29.70	30.30	+ .14	30.3	— 7.9	64	1	38	— 2	25	22	30	28	24	80	3.17	— 1.9	11	5,269	nw.	30	s.	11	9	6	16	6.2	14.3
Lexington	989	75	102	29.14	30.27	+ .14	24.4	— 8.7	60	1	32	— 6	25	17	25	.....	.....	....	2.04	— 1.8	16	8,744	sw.	36	nw.	24	6	12	13	6.5	19.3
Louisville	525	114	136	29.68	30.29	+ .15	27.8	— 6.3	64	1	36	— 3	25	20	32	25	20	75	2.24	— 1.8	12	7,008	sw.	36	nw.	24	6	11	14	6.5	8.7
Evansville	431	72	82	29.80	30.29	+ .15	27.2	.....	62	1	34	— 4	25	20	30	.....	.....	....	3.25	.....	10	6,039	nw.	24	w.	7	6	12	13	6.3	9.5
Indianapolis	822	154	164	29.32	30.25	+ .13	23.2	— 5.1	57	1	30	— 4	25	16	32	21	18	82	1.43	— 1.6	11	7,934	nw.	30	sw.	27	5	10	16	6.8	6.8
Cincinnati	628	152	160	29.54	30.26	+ .14	25.8	— 6.7	61	1	34	— 1	25	18	36	24	19	75	1.80	— 1.7	16	6,122	sw.	26	w.	24	6	12	13	6.5	10.1
Columbus	824	173	190	29.30	30.21	+ .10	24.0	— 4.4	56	1	32	1	15	16	30	22	19	84	1.25	— 2.1	12	9,684	sw.	40	n.	2	5	9	17	6.9	9.4
Pittsburg	842	336	352	29.24	30.18	+ .07	26.2	— 4.4	57	1	34	0	29	18	31	23	18	74	2.36	— 0.8	16	8,632	sw.	39	sw.	8	4	5	22	8.0	17.2
Parkersburg	638	77	84	29.53	30.22	+ .10	25.7	— 7.3	60	2	34	— 5	29	18	29	23	20	79	2.34	— 1.2	14	5,043	w.	24	nw.	24	9	8	14	6.2	14.8
Elkins	1,940	41	50	28.05	30.18	+ .06	23.6	— 6.2	57	1	33	— 4	29	14	38	22	19	82	3.48	— 0.5	21	3,406	w.	19	w.	27	4	3	24	8.0	36.6
Lower Lake Region.							**21.0**	**— 4.3**										**82**	**2.55**	**— 0.1**										**7.6**	
Buffalo	767	178	206	29.26	30.13	+ .06	20.0	— 4.4	43	12	26	0	26	14	24	18	15	82	4.48	+ 1.5	27	13,874	w.	60	w.	8	1	6	24	8.6	37.4
Oswego	335	76	91	29.73	30.12	+ .05	19.2	— 5.1	42	1	25	— 3	31	13	21	18	16	85	3.03	+ 0.1	23	11,191	se.	42	ne.	25	3	5	23	8.2	26.6
Rochester	523	81	102	29.54	30.14	+ .07	20.4	— 3.5	45	1	26	2	26	15	21	18	16	83	2.80	— 0.3	21	8,403	sw.	33	w.	10	2	7	22	8.2	27.5
Syracuse	597	97	113	29.44	30.11	+ .04	18.8	.....	46	12	25	— 8	26	12	24	.....	.....	....	2.07	.....	13	10,670	sw.	55	s.	12	1	11	19	7.5	16.7
Erie	713	92	102	29.34	30.15	+ .07	22.3	— 4.6	51	1	29	2	26	16	34	20	17	81	2.74	— 0.6	20	9,396	sw.	39	s.	11	2	7	22	8.1	21.8
Cleveland	762	190	201	29.32	30.18	+ .09	22.4	— 3.8	56	1	29	— 2	29	16	32	20	15	74	2.05	— 0.5	20	12,750	sw.	50	n.	25	2	12	17	7.7	14.8
Sandusky	629	62	70	29.47	30.18	+ .09	22.4	— 4.1	57	1	29	1	10	16	29	.....	.....	....	1.69	— 0.5	16	7,295	sw.	32	n.	25	10	4	17	6.2	7.8
Toledo	628	120	127	29.48	30.19	+ .10	21.2	— 4.9	56	1	28	— 2	10	14	30	19	16	81	1.70	— 0.4	13	8,382	sw.	30	n.	25	5	11	15	6.5	10.5
Detroit	730	153	193	29.34	30.17	+ .09	20.4	— 4.1	47	1	26	0	10	14	25	19	17	86	1.93	0.0	13	9,236	sw.	36	e.	11	5	12	14	7.1	13.5
Upper Lake Region.							**14.1**	**— 3.4**										**81**	**1.43**	**— 0.6**										**6.7**	
Alpena	609	63	80	29.46	30.16	+ .12	16.0	— 2.1	38	1	23	— 6	26	9	29	14	10	82	1.98	— 0.5	16	8,220	w.	38	e.	11	4	15	12	6.6	19.8
Escanaba	612	40	48	29.49	30.20	+ .15	12.0	— 2.0	37	1	20	— 9	23	4	26	10	6	81	1.55	0.0	11	6,096	nw.	30	nw.	24	10	5	16	6.3	15.3
Grand Rapids	707	127	165	29.38	30.18	+ .11	19.8	— 4.0	40	1	26	1	26	14	24	19	16	86	1.64	— 1.3	19	8,507	nw.	40	w.	9	2	5	24	8.1	14.5
Houghton	668	66	74	29.42	30.19	+ .14	13.1	.....	36	1	20	— 6	26	7	32	.....	.....	....	2.78	.....	22	6,268	nw.	31	ne.	24	5	5	21	7.9	29.4
Marquette	734	76	116	29.34	30.19	+ .15	14.4	— 1.6	36	1	20	— 3	22	9	21	12	8	77	1.76	— 0.3	17	9,554	w.	38	nw.	24	1	12	18	7.2	18.4
Port Huron	638	70	120	29.45	30.18	+ .12	18.6	— 3.2	42	1	25	— 3	29	12	25	17	14	84	1.56	— 0.5	15	9,711	sw.	42	n.	2	5	4	22	7.8	17.0
Sault Ste. Marie	614	40	61	29.43	30.17	+ .14	11.4	— 2.9	38	1	18	—10	26	4	30	10	7	85	0.64	— 1.2	16	6,930	nw.	40	w.	10	5	5	21	7.4	6.5
Chicago	823	241	274	29.31	30.24	+ .14	18.1	— 5.3	48	1	25	— 5	14	11	30	17	14	82	1.33	— 0.8	13	13,278	nw.	46	w.	15	8	8	15	6.4	8.5
Milwaukee	681	124	142	29.45	30.23	+ .15	15.2	— 4.2	40	1	22	—10	14	8	30	13	9	75	1.62	— 0.6	11	9,092	w.	42	e.	11	10	8	13	5.5	14.7
Green Bay	617	49	86	29.52	30.23	+ .17	10.2	— 4.0	34	1	19	—15	14	2	29	8	3	75	1.43	— 0.4	12	8,276	sw.	40	w.	9	12	6	13	5.5	17.3
Duluth	1,133	11	47	28.96	30.27	+ .18	5.5	— 4.5	36	1	14	—21	10	— 3	29	3	1	84	0.78	— 0.3	9	11,260	nw.	50	nw.	9	12	13	6	4.5	9.0

TABLE I.—*Climatological data for Weather Bureau stations, January, 1905*—Continued.

Stations.	Elevation of instruments.			Pressure, in inches.			Temperature of the air, in degrees Fahrenheit.												Precipitation, in inches.			Wind.									
	Barometer above sea level, feet.	Thermometers above ground.	Anemometer above ground.	Actual, reduced to mean of 24 hours.	Sea level, reduced to mean of 24 hrs.	Departure from normal.	Mean max. + mean min. ÷ 2.	Departure from normal.	Maximum.	Date.	Mean maximum.	Minimum.	Date.	Mean minimum.	Greatest daily range.	Mean wet thermometer.	Mean temperature of the dew-point.	Mean relative humidity, per cent.	Total.	Departure from normal.	Days with .01, or more.	Total movement, miles.	Prevailing direction.	Maximum velocity. Miles per hour.	Maximum velocity. Direction.	Maximum velocity. Date.	Clear days.	Partly cloudy days.	Cloudy days.	Average cloudiness, tenths.	Total snowfall.
North Dakota.							1.1	— 1.4										80	0.26	— 0.4										5.0	
Moorhead	935	8	57	29.30	30.40	+ .26	1.4	+ 2.3	34	18	12	—28	10	— 9	30	0	— 2	90	0.36	— 0.4	6	6,133	nw.	28	nw.	9	14	11	6	4.1	3.6
Bismarck	1,674	16	29	28.50	30.43	+ .30	.1.8	— 2.7	38	4	11	—27	30	— 8	32	0	— 7	68	0.31	— 0.2	6	6,386	nw.	42	nw.	4	12	4	15	5.5	3.1
Devils Lake	1,482	11	44	28.67	30.40	+ .28	— 3.5	.....	30	18	8	—33	10	—14	33	—5	— 8	82	0.28	.....	7	8,617	w.	36	nw.	8	11	13	7	4.6	2.8
Williston	1,875	14	44	28.26	30.40	+ .29	0.2	— 3.7	36	3	11	—29	29	—11	39	—1	— 3	86	0.10	— 0.5	5	5,634	nw.	38	nw.	8	8	12	11	5.7	1.1
Upper Miss. Valley.							16.0	— 5.1										84	1.26	— 0.4										5.3	
Minneapolis	.....	102	208	.....	.....	.....	7.4	— 4.5	36	1	16	—18	10	— 1	35	.....	.....	...	0.71	— 0.1	8	8,300	w.	36	w.	9	12	11	8	....	13.1
St. Paul	837	171	179	29.34	30.30	+ .19	7.1	— 3.5	39	1	14	—17	10	0	30	6	3	84	0.75	— 0.2	7	7,662	nw.	36	n.	24	14	6	11	4.9	8.6
La Crosse	714	71	87	29.49	30.32	+ .21	8.6	— 6.1	35	1	18	—15	10	0	34	.....	.....	...	0.62	— 0.7	7	4,961	w.	32	nw.	9	15	7	9	4.5	9.0
Madison	974	70	78	29.14	30.26	+ .16	10.4	.....	37	1	18	—15	14	3	32	9	7	89	0.77	— 0.9	10	8,064	nw.	40	n.	2	15	9	7	4.2	9.1
Charles City	1,015	8	58	29.16	30.32	+ .18	4.6	.....	37	1	16	—24	30	— 6	37	4	3	96	0.86	— 0.1	9	5,594	nw.	33	nw.	9	10	12	9	5.1	10.6
Davenport	606	71	79	29.60	30.31	+ .19	15.7	— 4.3	51	1	24	— 9	14	7	30	14	12	88	0.63	— 1.0	7	5,982	nw.	28	nw.	9	12	7	12	5.3	7.2
Des Moines	861	84	99	29.38	30.36	+ .22	12.8	— 4.7	45	1	22	—15	25	4	32	11	8	82	1.08	— 0.3	12	6,056	nw.	32	nw.	24	8	11	12	5.7	14.1
Dubuque	698	100	117	29.50	30.31	+ .19	12.0	— 5.3	44	1	21	—12	30	3	30	10	7	83	0.95	— 0.7	7	4,870	nw.	28	nw.	9	15	6	10	4.6	9.6
Keokuk	614	63	78	29.61	30.33	+ .19	19.6	— 3.6	56	1	28	—10	25	12	34	16	12	77	0.60	— 1.1	8	6,431	nw.	30	nw.	24	14	6	11	4.6	4.6
Cairo	356	87	93	29.92	30.32	+ .16	27.8	— 6.9	64	1	35	— 3	25	21	29	26	22	81	3.41	— 0.4	9	7,041	n.	36	nw.	24	5	13	13	6.8	7.7
La Salle	536	56	64	29.68	30.29	+ .18	17.2	.....	50	1	25	— 8	10	9	31	.....	.....	...	0.90	.....	10	6,637	w.	30	nw.	24	11	6	14	5.6	8.8
Springfield, Ill.	644	82	93	29.57	30.30	+ .17	20.4	— 5.1	61	1	28	— 8	25	13	36	19	16	85	2.13	+ 0.1	8	7,535	nw.	32	nw.	24	7	11	13	6.3	5.0
Hannibal	534	75	109	29.71	30.32	+ .19	20.6	— 5.3	64	1	29	— 7	24	12	37	.....	.....	...	1.45	— 0.8	9	7,173	nw.	31	nw.	24	9	9	13	5.6	5.7
St. Louis	567	208	217	29.66	30.30	+ .16	24.2	— 6.3	65	1	32	— 6	25	17	36	21	17	76	2.47	+ 0.3	8	9,217	nw.	42	nw.	24	8	12	11	5.6	6.8
Missouri Valley.							15.1	— 5.2										79	1.09	+ 0.1										5.5	
Columbia, Mo.	784	11	84	29.45	30.32	+ .19	20.8	— 9.8	66	1	29	— 9	25	12	38	.....	.....	...	1.97	— 0.3	8	6,712	nw.	32	nw.	24	13	8	10	5.2	7.5
Kansas City	963	78	95	29.28	30.38	+ .23	21.0	— 4.4	60	1	29	—11	25	13	35	19	16	83	0.82	— 0.4	8	6,544	nw.	28	nw.	25	9	12	10	5.0	4.4
Springfield, Mo	1,324	98	104	28.84	30.31	+ .17	24.4	— 7.9	64	1	32	—11	25	17	30	22	18	77	3.21	+ 0.7	7	7,979	nw.	38	w.	11	15	3	13	5.2	5.4
Topeka	.....	85	89	.....	.....	.....	20.0	— 6.8	52	1	28	—13	25	12	36	.....	.....	...	0.98	0.0	7	6,756	nw.	30	nw.	2	10	17	4	4.7	6.7
Lincoln	1,189	75	84	29.02	30.37	+ .22	14.8	— 7.3	53	4	23	—21	25	6	29	12	9	80	0.93	+ 0.3	11	7,357	nw.	36	n.	9	8	13	10	5.4	10.1
Omaha	1,105	115	121	29.11	30.38	+ .23	14.3	— 4.9	50	4	22	—18	25	6	28	12	7	76	1.13	+ 0.4	10	7,230	n.	36	n.	24	8	10	13	6.0	14.2
Valentine	2,598	47	54	27.48	30.37	+ .25	13.9	— 3.0	55	3	25	—26	13	3	45	11	7	79	1.01	+ 0.4	9	6,864	nw.	38	nw.	4	8	14	9	5.5	10.1
Sioux City	1,135	96	164	29.06	30.36	+ .21	10.0	— 6.3	47	1	18	—25	25	1	30	.....	.....	...	0.67	0.0	6	8,735	nw.	38	nw.	5	11	6	14	5.6	13.4
Pierre	1,572	43	50	28.64	30.41	+ .28	11.2	— 1.5	51	18	20	—19	25	3	33	9	3	70	0.35	— 0.2	6	4,756	nw.	26	nw.	4	8	11	12	5.6	5.8
Huron	1,306	56	67	28.91	30.41	+ .25	5.8	— 1.2	39	18	16	—28	25	—5	36	5	2	88	0.36	— 0.1	9	7,525	nw.	42	nw.	4	8	12	11	6.2	4.4
Yankton	1,233	55	65	28.97	30.38	+ .22	10.3	— 3.9	47	4	20	—25	25	1	31	.....	.....	...	0.58	0.0	6	5,851	nw.	32	nw.	6	7	10	14	6.5	9.8
Northern Slope.							18.2	+ 0.7										80	0.55	— 0.1										5.9	
Havre	2,505	11	44	27.58	30.39	+ .29	10.0	+ 0.3	50	3	20	—35	31	0	39	9	7	89	0.85	0.0	8	5,360	e.	38	sw.	2	7	11	13	5.9	8.5
Miles City	2,371	42	50	27.70	30.39	+ .27	15.3	+ 4.7	46	18	24	—14	14	7	32	12	11	94	0.28	— 0.3	6	.....	s.	....	.....	...	20	7	4	3.9	2.8
Helena	4,110	8	56	25.94	30.32	+ .17	21.2	+ 4.1	50	25	29	—12	31	14	33	18	14	73	0.20	— 1.2	6	3,805	sw.	36	w.	3	7	9	15	6.6	3.3
Kalispell	2,962	11	34	27.08	30.26	+ .14	24.1	.....	42	25	30	— 1	12	18	21	23	20	83	1.33	.....	16	2,963	w.	20	sw.	25	7	3	21	7.2	9.6
Rapid City	3,234	46	50	26.76	30.40	+ .30	17.6	— 2.6	54	19	28	—15	31	8	39	24	11	81	0.52	+ 0.2	10	5,312	nw.	34	nw.	25	14	6	11	4.8	5.2
Cheyenne	6,088	56	64	24.04	30.25	+ .20	23.7	— 1.3	51	27	33	—20	11	14	45	21	15	69	0.84	+ 0.5	11	7,435	nw.	37	nw.	2	2	17	12	6.7	14.0
Lander	5,372	26	36	24.71	30.30	+ .18	20.0	+ 0.1	54	3	32	—17	13	8	39	17	14	83	0.23	— 0.2	4	1,552	ne.	15	nw.	3	5	18	8	5.5	2.3
Yellowstone Park	6,200	11	47	23.92	30.28	+ .14	19.9	.....	43	25	28	—16	31	12	26	17	13	75	0.25	.....	6	4,389	s.	26	sw.	25	2	13	16	7.0	3.9
North Platte	2,821	43	52	27.28	30.36	+ .24	19.8	— 0.2	59	3	30	—20	13	10	45	16	12	76	0.90	+ 0.4	7	5,565	w.	34	nw.	1	9	14	8	5.3	11.0
Middle Slope.							24.7	— 4.3										77	0.86	+ 0.1										5.2	
Denver	5,291	129	136	24.79	30.24	+ .19	27.4	— 0.8	60	3	37	— 13	13	18	35	24	18	71	0.99	+ 0.4	5	4,804	s.	32	ne.	6	11	7	13	5.5	7.0
Pueblo	4,685	80	86	25.37	30.22	+ .17	28.6	— 0.1	64	3	40	—12	13	17	44	23	17	68	0.32	— 0.1	8	4,230	nw.	31	n.	1	9	15	7	5.4	2.3
Concordia	1,398	42	47	28.81	30.37	+ .23	18.1	— 5.1	55	4	26	—16	25	10	34	16	12	82	0.75	+ 0.1	5	4,573	nw.	28	nw.	5	9	12	10	5.2	7.6
Dodge	2,509	44	54	27.61	30.35	+ .24	22.4	— 4.2	60	3	31	—17	15	13	38	20	17	83	0.84	+ 0.4	5	6,791	nw.	30	s.	17	12	7	12	5.6	5.7
Wichita	1,358	78	86	28.85	30.36	+ .23	23.2	— 7.4	54	1	32	—11	15	15	38	20	15	75	0.45	— 0.5	4	6,682	n.	32	n.	1	16	9	6	4.0	4.9
Oklahoma	1,214	79	86	28.97	30.31	+ .20	28.6	— 8.4	63	1	36	— 2	15	21	36	26	23	82	1.81	+ 0.3	9	8,495	n.	35	n.	2	11	6	14	5.8	2.5
Southern Slope.							34.7	— 2.6										70	1.06	+ 0.2										4.6	
Abilene	1,738	45	54	28.40	30.28	+ .19	38.4	— 4.4	73	1	48	10	15	29	39	32	24	62	1.11	+ 0.2	3	6,110	nw.	28	w.	18	11	9	11	5.2	0.0
Amarillo	3,676	10	49	26.38	30.24	+ .18	31.0	— 0.9	67	30	41	— 6	13	21	43	26	22	78	1.00	+ 0.3	7	8,151	nw.	36	nw.	1	16	8	7	4.1	9.8
Roswell	3,578	9	57	26.50	30.24	+ .20	38.6	.....	69	23	52	15	15	25	46	32	26	70	0.55	.....	7	4,094	s.	35	ne.	1	13	10	8	4.5	T.
Southern Plateau.							43.2	+ 2.6										62	1.72	+ 0.8										3.9	
El Paso	3,762	10	110	26.31	30.14	+ .13	45.8	+ 1.3	74	31	59	23	4	32	40	37	29	57	0.86	+ 0.3	3	6,073	nw.	42	ne.	2	18	10	3	3.1	0.0
Santa Fe	7,013	33	39	23.28	30.22	+ .18	28.2	+ 0.3	48	31	38	8	2	19	28	23	18	70	1.28	+ 0.7	7	5,686	ne.	30	n.	23	21	7	3	3.0	11.9
Flagstaff	6,907	12	25	23.38	30.12	+ .07	21.0	+ 0.2	55	25	44	2	14	14	42	24	20	75	3.20	+ 1.1	7	3,831	n.	42	ne.	2	11	8	12	5.4	24.9
Phoenix	1,108	50	56	28.89	30.06	+ .03	55.2	+ 5.4	78	24	67	31	5	43	37	47	39	61	3.31	+ 2.5	8	2,638	e.	22	sw.	10	15	9	7	3.9	0.0
Yuma	141	16	46	29.90	30.06	+ .01	58.8	+ 4.6	78	29	70	39	17	48	29	49	38	52	1.15	+ 0.7	4	4,335	n.	24	n.	2	23	4	4	2.1	0.0
Independence	3,910	11	42	26.06	30.10	+ .03	42.4	+ 4.0	62	29	54	22	12	31	31	35	25	55	0.54	— 0.7	3	3,935	nw.	38	nw.	4	7	14	10	5.7	0.0
Middle Plateau.							32.1	+ 3.4										74	0.67	— 0.6										6.1	
Carson City	4,720	82	92	25.31	30.10	— .03	38.0	+ 5.7	64	29	50	16	2	26	39	33	28	70	0.23	— 2.3	6	3,604	sw.	36	sw.	24	7	12	12	5.9	0.1
Winnemucca	4,344	18	56	25.68	30.15	— .01	34.4	+ 7.4	57	24	45	8	11	24	35	30	27	76	0.60	— 0.5	6	4,427	ne.	28	sw.	21	5	4	22	7.5	0.4
Modena	5,479	10	43	24.67	30.15	+ .05	30.7	+ 1.6	57	29	42	— 4	2	20	35	25	19	66	0.86	+ 0.2	5	5,672	w.	27	e.	1	9	15	7	5.2	9.0
Salt Lake City	4,366	105	110	25.72	30.19	+ .04	33.2	+ 5.3	57	25	40	14	12	26	21	30	25	71	0.65	— 0.8	8	2,736	se.	25	e	11	12	6	13	5.1	4.1
Durango	6,546	18	56	23.70	30.33	.....	24.9	.....	48	25	36	— 2	14	14	33	22	19	82	2.69	.....	9	3,582	nw.	24	se.	10	8	9	14	6.0	23.9
Grand Junction	4,608	43	51	25.55	30.27	+ .21	24.0	— 3.0	40	23	33	— 5	14	15	35	22	18	77	1.01	+ 0.4	4	2,225	nw.	17	se.	13	6	7	18	7.0	13.8
Northern Plateau.							30.9	+ 6.0										84	1.27	+ 0.8										7.6	
Baker City	3,471	53	59	26.55	30.24	+ .08	28.1	+ 5.3	47	26	33	4	12	23	20	27	24	83	1.47	— 0.2	14	3,593	se.	17	se.	18	2	12	17	7.5	7.7
Boise	2,739	61	68	27.32	30.26	+ .07	33.6	+ 6.2	56	24	40	14	11	27	21	31	28	82	1.50	— 0.8	12	2,137	w.	21	e.	23	3	7	21	8.0	5.0
Lewiston	757	10	51	29.37	30.21	+ .05	36.6	.....	55	3	42	17	11	31	19	.....	.....	...	0.98	— 0.3	11	3,096	e.	33	nw.	3	5	7	19	7.2	0.3
Pocatello	4,483	46	54	25.58	30.24	+ .04	28.8	+ 9.7	54	25	36	1	10	21	26	26	23	79	0.37	— 1.6	6	4,750	w.	30	sw.	1	7	8	16	6.6	4.0
Spokane	1,929	101	110	28.13	30.25	+ .13	30.8	+ 6.3	46	3	36	12	8	26	16	29	27	84	1.99	— 0.6	15	3,250	ne.	24	s.	25	5	2	24	8.2	5.4
Walla Walla	1,000	71	79	29.12	30.23	+ .08	33.3	+ 2.8	55	27	38	14	12	29	19	32	31	91	1.29	— 1.1	13	2,844	s.	25	sw.	3	2	6	23	7.8	2.6
N. Pac. Coast Reg.							41.3	+ 2.0										82	5.51	— 2.0										7.2	
North Head	211	11	56	29.83	30.07	+ .02	43.2	+ 2.3	57	23	48	28	12	38	17	42	40	87	6.91	— 1.6	18	13,940	e.	70	se.	2	8	5	18	6.6	1.1
Port Crescent	259	12	29	29.80	30.09	+ .10	38.7	+ 3.2	52	24	43	21	12	34	19	.....	.....	...	7.65	+ 0.6	18	4,961	ne.	30	s.	25	5	9	17	7.0	14.0
Seattle	123	114	151	30.01	30.14	+ .09	40.8	0.0	53	27	45	28	11	36	14	39	36	83	5.61	+ 1.0	17	3,140	n.	42	sw.	25	7	6	18	6.9	4.1
Tacoma	213	113	120	29.87	30.10	+ .06	39.3	+ 1.3	52	24	44	20	12	34	17	.....	.....	...	4.93	— 1.5	18	3,668	sw.	34	sw.	25	6	10	15	7.0	7.5
Tatoosh Island	86	7	57	29.94	30.04	+ .06	43.4	+ 2.8	55	23	46	31	13	40	13	41	38	82	7.07	— 5.7	20	20,459	e.	83	e.	13	9	2	20	6.9	T.
Portland, Oreg.	153	68	96	29.95	30.12	+ .04	40.4	+ 2.0	58	27	45	25	12	36	16	37	33	76	3.66	— 3.5	17	4,637	nw.	37	sw.	25	4	7	20	7.5	2.5
Roseburg	518	56	60	29.52	30.08	— .02	43.0	+ 2.7	68	23	48	25	12	38	25	41	38	84	2.76	— 3.4	15	1,946	nw.	30	w.	25	0	13	18	8.2	0.0
Mid. Pac. Coast Reg.							49.4	+ 2.8										83	4.91	— 0.3										6.8	
Eureka	62	62	80	29.99	30.06	— .04	51.0	+ 5.0	65	23	56	37	9	46	22	48	44	77	4.81	— 2.8	15	5,485	se.	37	se.	13	3	16	12	6.5	0.0
Mount Tamalpais	2,375	11	18	27.59	30.09	— .02	46.3	.....	60	29	51	34	5	42	20	43	40	82	4.49	.....	15	13,990	se.	64	nw.	11	6	7	18	6.7	0.0
Red Bluff	332	50	56	29.75	30.11	— .01	48.0	+ 3.1	63	28	55	31	2	41	25	45	42	83	7.45	+ 2.8	13	3,858	n.	26	se.	22	8	4	19	6.9	0.0
Sacramento	69	106	117	30.03	30.11	— .01	47.6	+ 2.0	61	23	53	30	4	42	21	46	44	87	3.33	— 0.5	13	4,825	se.	37	se.	21	4	7	20	7.8	0.0
San Francisco	155	161	167	29.96	30.13	+ .02	51.2	+ 1.1	63	27	56	40	6	46	15	49	47	84	4.04	— 0.7	10	4,401	n.	30	se.	13	9	8	14	6.2	0.0
Southeast Farallon	30	9	17	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	...	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
S. Pac. Coast Reg.							55.2	+ 4.6										74	2.00	— 0.8										6.1	
Fresno	330	67	70	29.75	30.12	+ .02	49.2	+ 4.7	67	14	56	30	2	42	27	46	44	84	0.93	— 0.4	5	2,896	se.	18	s.	20	2	8	21	8.0	
Los Angeles	338	116	123	29.70	30.08	.00	59.0	+ 5.9	81	29	69	42	2	49	34	51	44	65	2.57	— 0.4	4	3,497	ne.	21	sw.	10	9	13	9	5.3	
San Diego	87	94	102	29.95	30.04	— .03	58.1	+ 4.5	73	14	66	46	1	51	25	52	48	74	2.16	+ 0.1	6	3,693	nw.	27	se.	9	18	3	10	4.5	
San Luis Obispo	201	47	54	29.87	30.09	.00	54.5	+ 3.4	76	29	64	35	2	45	37	49	45	75	2.35	— 2.3	10	3,336	n.	24	n.	4	4	13	14	6.5	
West Indies.																															
Grand Turk	11	6	20	30.05	30.06	+ .03	71.8	.....	77	7	75	65	29	69	9	.....	.....	...	3.30	.....	12	.....	.....	.....	.....	.....	13	11	7	5.4	
Havana	57	87	105	30.08	30.14	+ .09	67.1	— 3.2	83	12	73	51	27	62	22	.....	.....	...	1.20	— 1.5	10	9,791	e.	39	nw.	13	10	8	13	5.8	
San Juan	82	48	90	29.94	30.03	+ .01	75.4	+ 0.1	86	26	81	66	17	70	18	70	67	80	3.95	+ 1.0	18	7,983	e.	35	e.	10	10	16	5	4.4	

* More than one date.

TABLE II.—*Climatological record of voluntary and other cooperating observers, January, 1905.*

Stations.	Temperature. (Fahrenheit.) Maximum.	Minimum.	Mean.	Precipitation. Rain and melted snow.	Total depth of snow.
	°	°	°	Ins.	Ins.
Alabama.					
Alaga				4.63	
Anniston	64	4	33.6	6.42	0.2
Ashville	66	5	36.6	6.94	
Benton				5.03	
Bermuda	72	13	43.9	4.98	
Boligee	72	13	41.1	6.65	
Bridgeport				3.20	0.3
Burkeville				5.95	
Calera				5.95	
Camphill	72	11	40.6	3.47	
Cedar Bluff				3.88	T.
Citronelle	74	15	46.8	6.62	
Cordova	70	9	37.1	5.73	
Dadeville				4.52	
Daphne	77	17	47.6	4.10	
Decatur	65	5	35.4	3.29	1.5
Delmar	66	3	35.6	4.80	1.0
Demopolis				7.28	
Eufaula	68	13	41.2	3.34	
Flomaton	70	16	45.2	4.02	
Florence *a*				5.28	2.0
Florence *b*	68	3	34.6	5.28	2.0
Fort Deposit	70	13	42.0	3.31	
Gadsden	68	7	35.5	6.16	
Goodwater	66	7	35.4	7.32	
Greensboro	68	11	40.4	6.98	
Greenville				6.20	
Guntersville				4.51	0.1
Hamilton	67	6	35.6	5.02	
Highland Home	70	11	39.8		
Letohatchie				3.38	
Livingston	69	14	38.9	6.04	
Lock No. 4	66	9	39.3	7.15	
Lucy	77	14	47.8	4.26	
Madison Station	67	2[c]	35.6[b]	3.21	0.5
Maplegrove	66	6	34.6	4.28	0.5
Marion	68	12	39.4	6.99	
Milstead				4.10	
Newbern	68	11	39.8	7.55	
Notasulga				3.27	
Oneonta	65	4	34.7	5.60	0.5
Opelika	63	15	39.9	4.42	
Ozark	68	19	44.3	6.48	
Prattville	70	10	42.0	4.92	
Riverton	69	3	35.2	6.02	4.3
Scottsboro	69	4	34.4	3.88	1.0
Selma	71	14	40.5	6.93	
Spring Hill	67	16	45.6	6.17	
Talladega	70	8	39.4	6.45	
Tallassee				4.15	
Tuscaloosa	67	11	37.0	5.45	
Tuscumbia	63	4	34.4	5.63	T.
Tuskegee	72[c]	12[c]	43.8[c]	4.18	
Union Springs	68	10	40.4	4.70	
Uniontown	69	8	39.8	7.70	
Valleyhead	68	1	34.6	3.78	T.
Verbena				5.06	
Vienna				5.42	
Wetumpka	73	12	42.8	5.27	
Alaska.					
Fort Liscum	43	5	23.4	3.63	37.5
Junea	47	13	31.0	2.83	
Killisnoo	43	12	29.1	1.90	10.5
Loring	41	7	28.4	5.18	7.0
Orca	45	21	31.2	8.20	
Sitka	55	22	34.8	3.82	8.0
Skagway	39	2	24.2		
Sunrise	44	−7	17.9	2.12	24.2
Tanana		−45		0.24	2.5
Teikhill	34	−26	0.2	0.98	10.0
Arizona.					
Allaire Ranch				2.21	
Alpine				3.15	18.0
Arizona Canal Co. Dam	79	38	56.5	3.24	
Aztec	81	33	57.0	1.15	
Benson	77	22	48.6	1.08	
Bisbee	67	31	47.2	1.12	
Blue	59	18	38.0	3.31	11.5
Bowie	93	11	54.2	1.91	
Buckeye	80	25	52.6	2.91	
Casagrande	82	30	54.4	2.76	
Champie Camp	87	24	51.3	7.60	
Cochise*[1]	68	26	45.0	2.18	
Congress	73	38	53.2	4.64	
Douglas	76	22	48.7	0.80	
Dragoon*[1]	63	28	44.2		
Dudleyville	79	27	52.1	3.57	
Duncan	70	15	43.4	2.10	
Fort Apache	68	12	41.0	3.45	
Fort Defiance	48	−5	24.6	2.20	22.0
Fort Grant	73	29	48.4	0.36	
Fort Huachuca	74	29	48.2	4.65	
Fort Mohave	74	22	50.4	1.43	
Gilabend	80	33	58.4	1.30	
Grand Canyon	51	12	31.2	1.50	15.0
Greaterville	71	28	47.6	3.38	
Greer				1.65	17.5
Holbrook	63	11	35.6	1.29	T.
Arizona—Cont'd.					
Jerome	65	33	44.8	5.10	
Kingman	69	26	45.8	1.77	12.0
Maricopa	75	25	52.4	1.60	
Mesa	84[c]	30[c]	55.4[c]	2.85	
Mohawk Summit*[1]	75	48	57.8	0.10	
Natural Bridge				6.31	2.0
Oracle	66	34	49.6	3.99	
Oro				3.61	
Parker	81	19	53.3	1.55	
Phoenix	79	28	53.8	3.58	
Picacho*[1]	81	39	55.4		
Pinal Ranch				9.00	
Prescott	67	12	39.1	4.74	
San Carlos	76	24	49.2	3.46	T.
San Simon	82	19	49.0	1.63	
Seligman	78	18	40.1	1.97	1.5
Sentinel*[1]	79	35	54.8		
Superstition				5.63	
Taylor	68	10	34.0	1.68	
Tempe	76	26	51.9	2.62	
Thatcher	72	22	48.2	1.66	
Tombstone	68	30	48.2	1.96	
Tuba	51	4	27.4	1.45	3.0
Tucson	67	26	48.7	2.25	
Upper San Pedro	80	21	48.2	0.25	
Vail*[5]	72	41	55.8	1.90	
Walnut Grove				4.15	
Wilcox	70	18	44.5	2.56	
Williams	60	12	37.2	4.69	30.0
Yarnell				6.65	
Young	71	11	41.0	5.21	
Arkansas.					
Amity	73	10	38.2	4.57	5.0
Arkadelphia	69	11	36.9	4.80	T.
Arkansas City				7.00	
Batesville	64	0	30.6	3.82	6.5
Beebranch	65	0	32.6		7.5
Black Rock				5.33	6.0
Blanchard Springs	70	10	37.6	5.30	
Brinkley	69	5	34.2	4.21	2.0
Calico Rock				4.05	4.5
Camden *a*				5.80	
Clarendon				5.10	
Corning	64	−2	27.8	3.64	7.0
Dallas	63	6	36.2	3.78	1.0
Dardanelle				1.86	7.0
Des Arc	67	4	34.4	4.47	5.0
Dodd City	64	−7	27.2	1.32	10.2
Dutton	58	−8	28.4	4.76	7.0
Eldorado	70	12	38.0	5.18	
Elon	71[d]	11[d]	39.0[d]	8.08	
Eureka Springs	65	−7	29.0	3.32	5.0
Fayetteville	61[c]	−8[b]	27.2[c]	3.05	0.9
Forrest City	66	3	31.8	4.83	
Fulton				5.56	
Hardy	65	−5	29.4	4.35	7.8
Heber	66	−1	32.6	3.84	6.2
Helena *a*				6.22	
Helena *b*	69	6	35.3	6.31	6.1
Hope	70	13	39.2	4.10	
Howe	68	12	38.8	4.51	T.
Jonesboro	67	−1	33.4		
Lacrosse	57	−5	28.0	2.40	8.5
Lake Village	67	10	36.4	8.69	T.
Lonoke	67	5	34.8	3.95	1.5
Lutherville	63	−2	32.2	3.79	8.0
Luxora				2.40	5.0
Malvern	69	10	35.2	5.72	
Mammoth Springs	58	−8	26.8	4.16	13.0
Marked Tree				3.29	6.0
Marvell	67	6	35.4	5.91	T.
Mossville	58	−8	28.0	4.93	5.5
Mount Nebo	58	−2	32.3	4.38	5.0
New Lewisville	70	14	38.8	4.38	
Newport *a*				3.08	0.6
Newport *b*	67	1	31.0		
Oregon	64	−9	27.0	3.27	7.0
Osceola	69		34.2[d]	3.87	10.5
Perry	64	6	34.4	4.28	6.0
Pinebluff	58	9	34.6	7.17	
Pocahontas	65	1	29.7		
Pond	66	−13	27.4	2.60	4.0
Prescott	70	12	37.4	5.38	
Princeton	68	10	37.2	5.88	
Russellville	57	2	28.5	3.82	7.2
Silversprings	66	−8	29.0	3.08	7.0
Spielerville	68	4	32.8	4.17	10.5
Springbank				3.11	
Stuttgart	68	7	34.8	5.65	T.
Texarkana	69	13	39.6	3.84	
Warren	70	11	36.5	6.51	
White Cliffs				3.30	
Wiggs	67	6	35.0	4.17	1.3
Winchester	69	11	37.0	6.55	
Witts Springs	54[f]	−7	26.3[d]	5.27	7.2
California.					
Alturas				0.97	0.5
Auburn	65	31	47.8	3.50	
California—Cont'd.					
Azusa	84	37	57.0	3.65	
Bagdad	75	33	54.4	2.40	
Bakersfield				1.11	
Barstow	70	41	55.1	1.10	
Bear Valley				8.01	10.0
Berkeley	63	34	48.7	5.58	
Bishop	75	15	43.0	0.46	
Blue Canyon	61	19	41.0	6.24	5.0
Bodie	58	−16	27.4	0.10	1.0
Bowman				11.47	31.5
Branscomb	68	25	45.6	14.14	
Brush Creek	58	26	43.6	12.45	
Butte Valley				13.05	47.0
Calexico	73	33	54.2	1.50	
Cambria				4.02	
Campbell	66	30	49.1	2.73	
Campo				4.32	
Cedarville	56	12	34.8	0.46	T.
Chico	64	32	48.8	7.14	
Claremont	81	37	57.8	3.24	
Cloverdale	68	29	49.0	10.29	
Colfax	72	30	48.4	5.36	
Colusa	60	32	47.2	4.25	
Craftonville				5.53	
Crescent City	62	30	49.2	11.82	
Crockers				3.62	
Cuyamaca	59	19	39.5	9.87	1.0
Delta	70	27	49.4	14.39	2.0
Dobbins	68	33	50.6	5.87	
Drytown	64	28	47.4	3.05	
Durham	65	27	47.2	6.20	
Elcajon	79	34	55.5	2.67	
Electra	62	30	47.8	2.18	
Elmdale	74	31	51.3	2.94	
Elsinore	78	28	53.1	5.32	
Escondido	75	25	49.8	3.97	
Folsom	66	30	48.5	3.24	
Fordyce Dam				5.90	40.0
Fort Bragg				8.42	
Fort Ross	64	35	49.8	14.68	
Foster				5.89	
Georgetown	64	27	47.0	5.31	
Gilroy (near)	70	27	51.6	3.11	
Greenville	56	11	36.5	4.70	T.
Hanford	70	27	49.0	1.28	
Healdsburg	71	21	49.0	13.03	
Hollister	68	29	50.6	2.75	
Idylwild	68	20	43.6	6.85	5.5
Iowa Hill	66	29	47.8	4.78	
Isabella	69	24	48.0	0.92	
Jamestown	68	28	47.3	2.48	
Jolon				2.61	
Kennedy Gold Mine				3.35	
Kentfield				8.77	
King City	72	30	51.4	1.68	
Le Grand	68	27	46.4	2.05	
Lemoncove	72	30	51.8	0.84	
Lick Observatory	60	26	43.4	4.04	
Livermore	69	29	49.0	2.43	
Lodi	66	29	48.2	3.49	
Lone Pine	66	16	41.8	0.60	
Los Gatos	64	35	50.0	4.98	
Lowe Observatory				4.02	
Magalia	67	28	46.0	14.26	
Mammoth	76	37	57.1	0.13	
Marysville	64	29	47.8	4.33	
Meadow Vallew				11.22	14.0
Merced	69	29	49.4	1.30	
Mercury				14.26	
Mills College				4.84	
Milo				2.56	
Milton (near)	64	34	49.4	2.43	
Mohave	68	30	48.6	0.70	
Mokelumne Hill				3.73	
Montague	60	16	39.4	1.76	
Monterio	72	30	48.6	1.27	
Mount St. Helena				17.02	
Napa	65	31	49.3	4.40	
Needles	73	40	56.8	0.95	
Nellie				11.46	1.5
Nevada City	67	23	45.6	7.33	
Newcastle	63	34	51.4	4.03	
Newman	65	29	48.0	3.00	
Niles	64	34	50.4	3.43	
Nordhoff	82	26	47.8	3.12	
North Bloomfield	65	23	43.7	6.48	2.0
Oakland	65	36	51.1	4.91	
Ontario (near)	77	35	54.5	3.26	
Orland	66	30	47.6	7.67	
Orleans	70	27	49.4	7.00	
Oroville (near)	67	30	48.2	4.01	
Palermo	64	27	47.5	4.75	
Peachland	67	28	48.0	9.50	
Pilot Creek				6.19	T.
Pine Crest	75	44	57.1	4.16	
Placerville	60	26	44.2	3.27	
Point Lobos	67	46	55.8	3.92	
Point Reyes Light	64	43	52.4	3.87	

TABLE II.—*Climatological record of voluntary and other cooperating observers*—Continued.

Stations.	Temperature. (Fahrenheit.) Maximum.	Minimum.	Mean.	Precipitation. Rain and melted snow.	Total depth of snow.
California—Cont'd.	°	°	°	*Ins.*	*Ins.*
Porterville	72	30	51.2	0.73	
Poway	76	33	56.2	4.25	
Quincy	54	21	38.8	6.16	T.
Redding	63	30	47.6	10.90	
Reedley	74	31	52.0	1.27	
Represa	.....	.....	.....	3.34	
Riovista	62	30	47.2	2.85	
Riverside	87	31	55.8	3.07	
Rohnerville	.....	.....	.....	6.22	
Sacramento	65	30	47.8	4.49	
Salinas	72	35	53.1	2.85	
Salton	79	27	57.2	1.80	
San Bernardino	85	31	55.4	3.92	
San Jacinto	.....	.....	.....	3.46	
San Jose	70	32	51.4	2.70	
San Rafael	63	32	49.2	8.61	
Santa Barbara	78	42	56.6	3.73	
Santa Clara College	68	29	50.2	2.42	
Santa Cruz	71	30	50.6	6.95	
Santa Maria	78	39	55.3	1.85	
Santa Monica	.....	.....	.....	1.91	
Santa Rosa	66	28	48.0	5.53	
Sausalito	.....	.....	.....	4.60	
Shasta	65	27	47.0	15.15	
Sierra Madre	85	43	57.2	3.00	
Sisson	51	16	36.9	10.29	5.0
Snedden	.....	.....	.....	1.75	
Sonoma	69	32	49.4	5.21	
Sonora	58	29	46.4	2.36	
Southeast Farallon	60	46	53.5	3.20	
Stockton	61	29	46.8	3.11	
Storey	65	30	46.9	1.30	
Summerdale	66	20	42.0	3.38	4.0
Summit	46	14	30.8	5.55	50.0
Susanville	55	9	33.6	0.97	
Tejon Ranch	79	32	51.8	1.01	
Truckee	54	−6	26.3	2.59	14.0
Tulare	76	30	50.6	1.21	
Tustin	.....	.....	.....	2.38	
Ukiah	65	25	47.0	9.29	
Upland	74	36	52.0	.....	
Upperlake	66	19	43.6	7.62	
Upper Mattole	.....	.....	.....	23.55	
Vacaville	65	28	47.2	7.10	
Visalia	73	27	49.4	1.03	
Volcano	80	26	55.0	1.70	
Wasco	70	30	49.2	1.12	
Weldon	.....	.....	.....	1.06	
Westpoint	.....	.....	.....	2.96	
West Saticoy	.....	.....	.....	3.35	
Wheatland	62	29	47.0	4.46	
Willets	.....	.....	.....	11.40	
Willows	68	38	50.7	6.20	
Yosemite	60	20	38.0	1.81	T.
Yreka	.....	.....	.....	2.16	
Zenia	62	25	44.6	11.81	
Colorado.					
Akron	.....	.....	.....	0.37	6.5
Alford	56	−20	24.6	0.43	8.5
Antelope Springs	41	−28	15.5	0.90	14.0
Ashcroft	42	−12	19.6	1.25	19.5
Blaine	62	−16	27.0	0.47	7.0
Boulder	62	−11	29.4	0.81	13.5
Boxelder	.....	.....	.....	0.50	6.0
Breckenridge	46	−12	20.2	1.82	28.0
Burlington	63	−17	25.6	0.33	2.5
Canyon	62	−17	30.5	0.67	5.8
Cedaredge	60	−2	25.0	1.52	17.3
Cheesman	62	−13	27.4	0.77	8.5
Cheyenne Wells	69	−14	27.2	0.14	2.0
Collbran	45	−13	22.8	1.37	18.0
Colorado Springs	58	−7	28.3	0.15	T.
Conejos	44	−16	16.8	1.55	17.8
Cripplecreek	.....	.....	.....	0.65	10.2
Eagle	51	−14	23.5	0.93	11.0
Fort Collins	64	−22	25.3	0.29	2.8
Fort Morgan	57	−27	24.2	0.38	7.1
Fowler	.....	.....	.....	0.11	1.5
Fox	61	−16	25.8	0.25	6.2
Fruita	42	−16	22.7	0.85	7.5
Garnett	37	−28	10.4	0.40	6.5
Gleneyre	62	−12	27.4	0.32	2.2
Grand Valley	43	−7	25.0	0.43	5.6
Greeley	63	−21	26.5	0.17	2.8
Grover	.....	.....	.....	0.10	3.0
Gunnison	45	−30	14.8	0.94	13.8
Halls Gulch	43	0	17.6	2.17	33.0
Hamps	60	−13	25.8	0.08	1.5
Hoehne	63	−25	27.4	0.55	3.5
Holly	58	−16	27.4	0.28	3.0
Holyoke (near)	58	−27	23.0	0.20	4.0
Husted	58	−17	24.8	0.19	3.2
Lake Moraine	45	4	24.4	1.55	21.0
Lamar	61	−14	28.5	0.26	4.0
Laporte	.....	.....	.....	0.40	6.8
Lay	47	−26	19.5	0.62	14.0
Leadville	44	−4	21.8	0.82	9.0
Leroy	59	−15	23.9	0.17	2.8
Colorado—Cont'd.	°	°	°	*Ins.*	*Ins.*
Longs Peak	42	−13	21.5	1.87	18.5
Mancos	52	−4	27.8	2.44	27.0
Marshall Pass	.....	.....	.....	3.01	48.0
Meeker	48	−19	23.0	0.93	14.0
Montrose	44	−7	24.4	1.39	15.0
Pagoda	53	−14	25.4	0.99	18.0
Platte Canyon	.....	.....	.....	1.40	8.5
Rockyford	64	−13	27.3	0.05	2.0
Saguache	40	−10	15.8	0.13	2.0
Salida	55	−10	27.7	2.06	19.0
San Luis	45	−20	17.4	1.46	19.0
Santa Clara	54[e]	−6[e]	26.0[e]	3.21	37.0
Sheridan Lake	60	−15	26.0	0.05	1.2
Silt	43	2	25.2	1.14	15.5
Silverton	47	−23	20.4	1.32	27.4
Sugar City	.....	.....	.....	0.08	2.8
Sugar Loaf	49	−14	24.8	0.97	15.0
Trinidad	76	2	35.3	0.74	8.0
Victor	42	−7	23.4	0.79	12.0
Vilas	.....	.....	.....	0.69	9.0
Wagon Wheel	49	−26	16.8	0.52	8.0
Walden	40	−18	20.8	0.35	6.0
Waterdale	49	−16	22.1	0.32	3.5
Westcliffe	58	−11	22.7	2.22	32.0
Whitepine	41	−9	18.2	1.41	21.0
Wray	62	−23	26.1	.....	.....
Yuma	.....	.....	.....	0.31	4.5
Connecticut.					
Bridgeport	53	−1	25.2	4.68	20.7
Canton	50	−17	19.6	6.69	29.5
Colchester	50	−1	23.8	3.89	18.0
Falls Village	.....	.....	.....	4.82	31.2
Hawleyville	48	−5	22.2	6.48	27.5
New London	51	1	25.8	3.74	15.5
North Grosvenor Dale	51	−8	20.8	2.93	.....
Norwalk	51	−8	22.7	4.78	19.8
Southington	51	−10	22.2	4.25	18.5
South Manchester	.....	.....	.....	5.42	31.0
Storrs	49	−1	22.2	3.57	.....
Voluntown	53	−8	24.3	2.89	9.5
Wallingford	.....	.....	.....	5.54	29.0
Waterbury	50	−6	22.3	6.51	37.5
West Cornwall	48	−8	19.8	6.91	52.2
West Simsbury	.....	.....	.....	6.70	39.0
Delaware.					
Delaware City	.....	.....	.....	3.25	16.6
Milford	61	−3	30.8	4.51	24.5
Millsboro	63	−6	30.0	4.27	18.2
Newark	58	0	27.4	4.21	16.4
District of Columbia.					
Distributing Reservoir*[5]	49	5	30.2	.....	.....
Receiving Reservoir*[5]	45	3	29.4	.....	.....
West Washington	69	−2	29.4	3.85	13.8
Florida.					
Apalachicola	75	20	50.0	3.27	
Archer	78	21	51.6	1.04	
Avon Park	81	22	57.2	0.60	
Bartow	82	20	56.0	0.35	
Bonifay	75	16	48.0	6.52	
Brooksville	84	18	54.9	0.93	
Carrabelle	70	18	50.2	3.03	
Clermont	84	21	56.7	0.27	
De Funiak Springs	74	13	46.0	7.28	
Deland	81	18	52.6	.....	
Eustis	84	20	54.2	0.40	
Federal Point	82	19	51.8	1.04	
Fernandina	78	19	51.0	2.62	
Flamingo	82	30	63.6	T.	
Fort Meade	82	20	54.9	2.25	
Fort Pierce	81	24	58.6	0.60	
Gainesville	80	16	50.8	0.94	
Grasmere	78	22	53.7	.....	
Huntington	89	19	55.6	0.49	
Hypoluxo	82	26	61.8	2.29	
Inverness	81	16	50.6	0.75	
Jasper	77	16	47.6	2.27	
Johnstown	78[e]	16[e]	49.2[e]	2.25	
Kissimmee	78	20	54.4	0.70	
Lake City	76	16	48.9	2.40	
Macclenny	.....	.....	.....	2.07	
Madison	75	16	47.8	1.39	
Malabar	82	21	56.8	1.04	
Manatee	82	24	56.3	0.53	
Marco	81	30	60.2	0.63	
Marianna	77	15	47.2	5.11	
Merritt Island	77	24	57.4	0.44	
Miami	82	29	64.0	2.65	
Middleburg	84	12	49.0	1.72	
Molino	75	14	45.3	5.75	
Monticello	75	16	49.6	3.23	
Myers	79	27	58.2	0.50	
New Smyrna	85[e]	20[d]	55.0[d]	0.48	
Nocatee	82	23	57.4	0.22	
Ocala	84	17	52.4	1.01	
Orange City	84	17	53.6	0.41	
Orange Home	83	17	53.3	0.95	
Orlando	84	21	55.4	0.41	
Pinemount	78	16[i]	46.6[g]	2.53	
Florida—Cont'd.	°	°	°	*Ins.*	*Ins.*
Plant City	82	15	54.4	T.	
Rockwell	80[i]	18[i]	51.8[i]	0.82	
St. Andrews	71	18	46.8	4.89	
St. Augustine	73	18	51.4	0.56	
St. Leo	84	20	54.6	0.51	
Sand Key	80	45	64.5	0.83	
Stephensville	78	16	48.8	2.31	
Sumner	79	13	49.6	0.89	
Switzerland	80	18	49.8	1.13	
Tallahassee	73	17	49.6	3.25	
Tarpon Springs	78	21	53.2	0.34	
Titusville	80	19	54.4	0.67	
Wausau	73	15	43.8	4.66	
Wewahitchka	75	17	47.2	3.37	
Georgia.					
Adairsville	61[e]	5[e]	36.4[e]	4.59	T.
Albany	71	18	44.1	4.11	
Allapaha	74	15	44.4	3.40	
Americus	66	12[e]	42.4[e]	3.81	
Athens	63	9	37.0	2.75	T.
Bainbridge	72	15	43.4	4.31	
Blakely	75	14	45.0	3.28	
Butler	.....	.....	.....	2.65	T.
Camak	74	12	42.8	1.86	
Carrollton	68	6	36.4	4.31	
Clayton	67[f]	.....	37.2[f]	5.86	5.0
Columbus	69[e]	9[e]	40.0[e]	2.27	
Covington	71[e]	9[e]	39.8[e]	2.35	
Cuthbert	64	10	42.5	3.19	
Dawson	71	13	44.0	3.78	
Dudley	72	14	43.9	2.86	T.
Eastman	68	14	42.1	3.48	T.
Eatonton	.....	12[e]	40.4[d]	1.68	
Elberton	66	12	39.6	2.31	
Experiment	65	10	39.7	1.89	
Fleming	67	15	47.1	3.14	
Forsyth	72	11	41.6	1.83	
Fort Gaines	68	14	43.0	4.34	
Gainesville	60	7	34.8	4.28	2.5
Gillsville	67	8	38.8	3.84	0.3
Greenbush	62	3	34.0	4.02	0.5
Greensboro	69	11	38.6	1.43	
Griffin	65	10	37.2	2.11	
Harrison	72	9	42.6	1.98	
Lost Mountain	64	5	38.5	4.93	1.3
Louisville	66	13	42.8	2.09	
Lumpkin	74	10	43.3	3.65	
Marshallville	77	13	42.6	2.45	
Mauzy	70	15	46.4	3.60	
Millen	.....	14[e]	45.3[e]	1.70	
Monticello	69	11	39.6	1.97	
Morgan	67	15	41.6	5.49	
Newnan	66[e]	6[e]	36.8[e]	3.17	
Poulan	73	14	43.1	5.06	
Putnam	70	12	41.8	2.80	
Quitman	73	16	46.0	3.35	
Ramsey	61	5	36.2	5.28	0.5
Rome	63	6	36.0	5.73	T.
St. Marys	78	14	47.2	2.15	
Statesboro	71	14	46.0	2.25	
Talbotton	70	12	41.8	2.45	
Tallapoosa	59	2	36.0	3.15	
Thomasville	73	15	46.7	3.74	
Toccoa	68	6	35.8	4.47	2.7
Valona	72	16	46.6	1.67	
Washington	61	11	38.7	1.66	T.
Waycross	72	16	46.8	2.39	
Waynesboro	68	13	42.6	1.20	T.
Westpoint	70	11	37.0	3.10	
Woodbury	67	11	37.6	2.29	
Idaho.					
Albion	54	3	30.5	0.95	9.0
American Falls	54	−4	26.6	0.33	.....
Blackfoot	51	−1	26.6	0.30	3.0
Blue Lakes	61	8	33.8	0.92	0.5
Burnside	40	5	21.4	0.17	1.7
Caldwell	52	9	31.5	1.30	8.0
Cambridge	40[i]	−7[i]	20.3[i]	2.63	.....
Chesterfield	48	−18	20.4	0.66	12.0
Dewey	50	−11	28.3	1.25	11.1
Ditto Creek	55	7	32.4	1.14	4.4
Forney	49	−14	22.6	0.76	7.2
Garnet	58	10	36.0	0.57	.....
Glens Ferry	.....	.....	.....	0.56	0.2
Grangeville	53	7	31.0	0.90	3.0
Idaho City	42	−4	24.0	0.99	.....
Idaho Falls	49	−5	24.8	0.54	4.8
Lake	40	−28	13.6	0.40	4.0
Lakeview	48	4	29.9	2.20	9.0
Landore	.....	.....	.....	2.26	19.6
Lost River	52	−6	21.6	T.	T.
Lovell	54	11	33.2	3.73	8.0
Milner	56	3	29.9	0.16	2.5
Moscow	51	7	32.2	0.78	3.1
Murray	42	−4	26.9	2.46	8.0
Oakley	55	4	31.2	0.20	2.0
Ola	49	−3	28.8	1.43	7.3
Paris	46	−6	23.3	1.09	13.7

TABLE II.—*Climatological record of voluntary and other cooperating observers*—Continued.

Stations.	Temperature. (Fahrenheit.) Maximum.	Minimum.	Mean.	Precipitation. Rain and melted snow.	Total depth of snow.
	°	°	°	*Ins.*	*Ins.*
Idaho—Cont'd.					
Payette	50	9	30.6	1.49	9.0
Pollock	56	15	36.6	0.31	
Poplar				1.23	
Porthill	49	0	28.2	2.65	16.0
Priest River	40	−5	25.8	2.80	
Roosevelt	43	−11	21.6	0.78	13.0
St. Maries	48	4	31.2	1.95	4.0
Vernon	44	1	24.4	0.40	4.0
Weston	51	−6	25.8	0.86	7.0
Illinois.					
Albion	60	−6	24.9	2.70	5.0
Aledo	51	−11	16.5	0.58	5.5
Alexander	63	−8	21.0	2.67	6.2
Antioch	43	−12	13.6	1.00	10.0
Ashton	48	−11	15.0	0.50	4.9
Astoria	57	−9	18.9	1.61	12.5
Aurora	50	−10	17.5	0.93	9.3
Benton	65	−6	27.6	1.03	7.2
Bloomington	54	−8	19.7	1.37	6.0
Bushnell	57	−8	18.8	0.85	8.5
Cambridge	50	−10	16.0	0.95	8.5
Carlinville	64	−9	22.7	2.39	4.0
Carrollton	66	−8	22.5	2.20	1.5
Charleston	60	−8	22.9	1.82	7.5
Chester				3.05	16.8
Cisne	67	−5	26.6	1.99	5.0
Coatsburg	60	−11	19.0	1.19	1.0
Cobden	66	−5	26.8	3.45	4.5
Colchester	58	−10	19.4	1.16	
Danville [a]	59	−6	23.5		
Decatur	62	−8	21.5	2.02	5.3
Dixon				0.32	
Effingham	64	−7	24.3	2.10	4.7
Equality	65	−5	27.0	2.77	9.5
Flora	61	−8	23.8	1.45	4.0
Friendgrove	59	−5	25.8	2.11	11.9
Galva	49	−12	13.5	0.67	6.1
Greenville	65	−7	23.4	1.95	7.5
Griggsville	64	−8	22.6	1.60	
Halfway	62	−6	27.1	2.75	7.0
Havana	57	−10	19.6	1.60	5.8
Henry	50	−12	18.0	1.09	7.5
Hillsboro	64	−7[d]	24.5	2.98	8.5
Hoopeston	52	−10	21.0	1.76	7.0
Joliet	61	−6	19.0	1.18	10.3
Kishwaukee	45	−12	14.4	0.61	4.1
Knoxville	54	−13	16.8	1.07	4.8
Lagrange	47	−8	17.2	0.72	5.5
Laharpe	55	−10	17.9	1.13	7.5
Lanark	44	−15	13.4	0.57	2.7
Loami				2.09	3.5
McLeansboro	62	−5	25.8	2.61	5.2
Martinton	51	−12	19.5	0.81	5.4
Mascoutah	60	−6	22.1	3.37	9.9
Mattoon	64	−6	26.8	1.20	5.8
Minonk	50	−13	17.8	1.16	5.0
Monmouth	51	−12	16.4	0.33	8.3
Morrison	49	−12	15.1	0.94	9.0
Morrisonville	61	−8	22.0	2.26	6.0
Mount Pulaski	61	−8	21.2	2.06	3.9
Mount Vernon	57	−8	25.5	2.42	10.0
New Burnside	63	−7	26.2	2.61	6.0
Olney	60	−5	25.6	2.89	14.6
Ottawa	50[d]	−7	18.8[b]	1.30	13.4
Palestine	60	−9	25.3	2.00	7.0
Pana	61	−7	22.8	2.16	4.5
Paris	57	−6	22.7	1.26	
Peoria *b*	55	−5	21.8	1.15	10.5
Philo	60	−12	20.2	2.18	3.7
Plumhill	60	−6	25.2	1.72	8.0
Pontiac	51	−8	19.3	1.80	9.5
Princeville	52	−11	17.6	0.35	4.5
Rantoul	57	−9	21.0	1.85	6.3
Raum	65	−8	26.4	3.71	8.3
Riley	44	−12	14.8	0.82	5.0
Robinson	60	−7	24.9	1.87	6.0
Rushville	62	−9	20.5	0.51	5.5
St. Charles	48	−10	16.6	0.99	9.8
St. John	64	−5	26.6	2.51	4.0
Shobonier	68	−6	24.3	1.05	10.0
Streator	49	−12	17.3	1.07	
Sullivan	65	−9	22.0	2.28	6.8
Sycamore	46	−11	14.4	0.50	4.5
Tilden	64	−6	25.2	2.61	7.5
Tiskilwa	48	−10	16.4	0.84	5.0
Tuscola	62	−10	19.8	2.37	6.2
Urbana	58	−11	19.2	1.80	6.5
Walnut	50[c]	−10[c]	16.0[c]	0.74	5.1
Warsaw				0.60	3.0
Winchester	50	−7	20.5	1.57	4.2
Windsor	64	−14	22.0	2.00	8.8
Winnebago	42	−13	13.2	0.66	7.2
Yorkville	50	−10	16.6	0.63	6.6
Zion	43	−13	12.6	0.70	7.0
Indiana.					
Anderson	55	−6	22.8	1.52	5.6
Angola	51	−7	20.2	2.15	13.4
Auburn	55	−7	19.8	2.40	
Indiana—Cont'd.					
Bedford	52[e]	−5[e]	25.7[e]		
Bloomington	68	−5	23.1	3.05	12.0
Bluffton	59	−10	20.2	1.45	6.5
Butlerville	60	−4	24.6	2.73	11.7
Cambridge City	56	−13	20.8	1.71	4.7
Columbus	66	−11	24.6	1.72	6.0
Connersville	59	−9	23.0	1.79	3.7
Crawfordsville	55	−7	22.3		
Delphi	53	−12	19.0	2.56	10.8
Farmersburg	61	−6	25.4	1.70	7.0
Farmland	54	−6	24.3	1.31	7.0
Fort Wayne	54	−8	22.0	2.13	11.2
Franklin	62	−12	24.4	1.90	6.4
Greencastle	55	−7	22.4	1.60	10.4
Greenfield	58	−9	24.0	1.71	2.3
Greensburg	60	−10	24.2	2.10	9.5
Hammond	49	−12	19.8	1.85	15.0
Hector	55	−7	21.6	1.80	8.0
Holland	65	−5	27.7	3.80	7.8
Huntington	56	−6	19.4	2.45	11.0
Jeffersonville	60	−2	27.8	2.31	8.5
Kokomo	55	−12	20.2	1.60	2.5
Lafayette	54	−8	19.6	2.92	9.9
Laporte	45	−5	20.0	2.09	16.0
Logansport	52	−7	20.2	1.25	
Madison *a*	60	−2	26.8	2.47	4.2
Madison *b*				2.66	
Marengo	61	−4	26.2	3.80	8.5
Marion	55	−9	22.0	2.49	12.8
Markle	56	−10	21.8	1.80	8.0
Mauzy	59	−14	22.2	2.25	9.8
Moores Hill	59	−6	24.2	2.12	9.7
Mount Vernon	74	−7	25.0	3.75	9.2
Northfield	54	−16	20.5	1.21	6.0
Paoli	62	−7	24.9	2.57	8.0
Princeton	62	−5	25.0	2.50	18.0
Rensselaer	47	−10	19.9	2.10	10.8
Richmond	55	−15	22.6	1.54	3.1
Rochester	52	−10	20.8	1.84	7.8
Rockville	56	−9	22.0	1.62	4.0
Rome	68	−6	27.9	3.89	16.6
Salem	65	−7	26.1	2.48	13.2
Scottsburg	62	−4	27.6	2.49	9.0
Seymour	60	0	28.1	1.90	9.5
Shelbyville	58	−12	23.4	2.14	5.3
South Bend				2.85	16.5
Syracuse	52	−8	20.0	2.28	15.5
Terre Haute				2.45	6.9
Topeka	58	−10	20.4	1.50	15.0
Valparaiso	48	−7	19.8	1.58	
Veedersburg				1.63	2.8
Vevay	63	−2	27.6	3.70	17.0
Vincennes	62	−5	25.0	2.09	7.0
Washington	62	−5	25.3	2.27	6.9
Winamac	51	−11	20.4		
Worthington	60	−5	28.6	1.72	7.0
Indian Territory.					
Ardmore	71	7	37.0	1.59	
Calvin				2.46	3.0
Chickasha	67	−2	32.2	1.50	1.5
Durant	70	7	33.5	2.62	
Fairland	69	−6	28.0	2.99	4.0
Fort Gibson				2.87	4.0
Goodwater	66	9	36.6	4.51	T.
Hartshorne	64	12	33.0	2.98	
Healdton	71	2	33.2	1.77	T.
Holdenville	71	4	33.2	2.48	T.
Marlow	63	0	30.6	2.63	
Muskogee	64	−1	31.0	2.96	2.0
Okmulgee	68	2	30.9	2.04	1.6
Pauls Valley	72	−1	31.5	1.05	
Ravia	72	7	35.6	1.99	
South McAlister	65	4	35.2	3.71	T.
Tahlequah				0.75	T.
Tulsa	64[f]	0	28.4[f]	3.14	8.5
Vinita	66	−8	27.2	2.43	6.0
Wagoner	52[f]	−2[f]	27.6[f]	3.66	2.0
Webbers Falls	64	−1	29.8	1.65	1.0
Iowa.					
Afton	48	−17	14.5	1.35	13.5
Albia	49	−14	12.3	1.04	11.5
Algona	39	−20	8.0	1.03	16.0
Allerton	48	−15	15.2	1.01	10.1
Alta	44	−26	7.9	1.27	13.7
Amana	45	−15	12.0	0.89	7.0
Ames	47	−18	14.5	0.64	7.1
Atlantic	46	−26	11.8	1.55	15.5
Audubon	44	−24	9.1	1.08	10.8
Baxter	44	−17	10.4	1.40	14.0
Bedford	50	−19	14.2	0.95	
Belleplaine	45	−18	10.2	1.65	16.5
Bonaparte	51	−11	16.2	0.79	7.5
Boone	44	−16	12.2	0.90	14.5
Britt	39	−21	7.2	1.14	11.8
Buckingham				0.91	10.5
Burlington	54	−10	18.2	1.00	
Carroll	46	−20	10.6	1.57	15.5
Cedar Rapids	44	−12	10.6	0.74	13.1
Iowa—Cont'd.					
Chariton	47	−15	13.5	1.15	10.0
Clarinda	46	−19	12.8	0.87	11.2
Clearlake	41	−20	7.6	0.30	3.0
Clinton	48	−10	14.8	0.69	7.2
College Springs	47	−20	15.4	0.90	9.0
Columbus Junction	51	−11	16.4	0.78	10.2
Corning	45	−19	12.8	0.97	9.8
Corydon	48	−15	15.4	1.10	8.0
Cresco	39	−17	7.2	0.60	6.7
Cumberland				1.00	10.0
Decorah	34	−20	6.6	0.91	9.0
Delaware	42	−15	9.0	0.74	8.5
Denison	46	−24	11.0	1.12	11.2
Desoto	43	−19	12.7	1.20	12.0
Dows	40	−19	7.2	1.10	12.0
Earlham	44[e]	−17[e]	12.7[e]	0.91	11.0
Elkader	38	−21	10.2	0.81	9.5
Estherville	42	−21	6.6	0.78	11.0
Fayette	38[g]	−24[f]	4.2[g]		
Florence				0.73	11.5
Forest City	40	−19	6.4	0.80	8.0
Fort Dodge	41	−18	8.4	0.80	8.0
Fort Madison				1.37	10.5
Galva	45	−27	8.8	1.53	16.8
Gilman				1.60	16.0
Glenwood	54	−20	15.0	0.75	7.5
Grand Meadow	38	−18	7.8	0.88	8.8
Greene	37	−18	8.3	0.69	8.0
Greenfield	45	−20	12.4	0.93	11.5
Grinnell	45	−15	11.3		
Grundy Center	38	−17	8.8	1.50	15.0
Guthrie Center	48	−20	12.8	0.74	
Hampton	41	−17	8.8	0.69	11.7
Hanlontown	39	−21	6.8	1.00	10.0
Harlan	43	−24	10.8	0.87	10.5
Hopeville	46	−16	13.4	0.46	
Humboldt	45	−20	9.0	0.60	6.0
Independence	36	−19	8.2	1.39	14.0
Indianola	49	−17	12.6	1.33	13.5
Inwood	50	−30	7.7	1.00	10.0
Iowa City	48	−16	11.2	1.22	17.5
Iowa Falls	32	−18	6.5	1.10	13.5
Keosauqua	52	−10	15.4	0.78	7.5
Knoxville	48	−14	14.0	1.65	18.0
Lacona				1.82	18.2
Larrabee	45	−29	8.6	1.30	13.0
Leclaire				0.79	10.0
Lemars	45	−24	9.3	0.88	11.0
Lenox	47	−22	12.4	0.60	6.0
Leon	47	−15	15.0	0.91	9.2
Little Sioux	52	−27	11.8	1.24	12.4
Logan	47	−21	13.7	1.70	17.0
Maple Valley				1.25	12.5
Maquoketa	43	−15	11.7	0.63	13.0
Marshalltown	41	−16	9.4	0.92	12.1
Mason City	38	−15	8.6	1.20	12.0
Massena	44	−19	13.2	0.66	10.0
Mountayr	50	−17	14.8	1.07	16.8
Mount Pleasant	52	−12	15.6	0.88	9.9
Mount Vernon	44	−17	12.4	1.21	15.3
Muscatine				0.93	10.0
New Hampton	38	−18	7.2	0.47	4.7
Newton	43	−18	11.4	1.46	17.5
Northwood	52	−19	7.3	1.55	15.5
Odebolt	50	−25	10.2	0.94	11.5
Ogden	43	−18	10.2	0.95	9.5
Olin	42	−17	12.3	0.85	11.0
Onawa	47	−20	13.0	1.43	14.6
Osage	38	−19	6.6	1.03	10.3
Oskaloosa	48	−16	12.6	0.73	10.0
Ottumwa	51	−12	14.9	0.85	7.5
Pacific Junction	44	−22	13.4	0.96	9.3
Perry	42	−19	11.2	1.28	12.8
Plover	42	−22	7.8	1.45	14.5
Pocahontas	43	−21	9.6	1.15	11.5
Redoak	45	−15	16.6	0.65	6.0
Ridgeway	40	−18	10.2	1.33	8.8
Rock Rapids	50	−22	9.7	0.70	7.0
Rockwell City	45	−22	10.2	1.25	12.5
Sac City	45	−23	11.4	1.17	11.8
St. Charles	50	−16	15.2	1.24	13.4
Sheldon	46	−27	8.2	1.34	16.2
Sibley	42	−26	6.0	0.88	9.0
Sigourney	45	−17	14.4	1.11	13.5
Sioux Center	44	−27	8.9	1.30	13.0
Stockport	51	−12	16.7	0.94	9.5
Storm Lake	44	−26	6.2	0.12	1.5
Thurman	49	−21	13.6	0.91	
Tipton	46	−10	15.4		
Toledo	44	−17	10.8	0.97	15.5
Vinton	40	−19	11.2	0.80	8.0
Wapello	49	−8	18.4	0.72	7.1
Washington	47	−13	14.9	0.82	
Washta				1.15	12.2
Waterloo	40	−16	8.2	0.74	8.0
Waukee	46	−18	13.2	1.65	16.5
Waverly	36	−20	7.6	1.14	11.4
Westbend	42	−19	8.6	1.75	17.5

TABLE II.—*Climatological record of voluntary and other cooperating observers*—Continued.

Stations.	Temperature. (Fahrenheit.) Maximum.	Minimum.	Mean.	Precipitation. Rain and melted snow.	Total depth of snow.
	°	°	°	Ins.	Ins.
Iowa—Cont'd.					
Whatcheer	54	—17	14.9	0.50	5.0
Whitten	49	—20	9.1	1.30	13.0
Wilton Junction	52	—14	14.2	0.74	9.0
Winterset	45	—17	13.6	.....	.....
Woodburn	.....	.....	.....	1.15	11.5
Zearing	39	—23	9.4	0.76	10.5
Kansas.					
Abilene	.....	.....	.....	1.71	4.5
Achilles	61	—26	22.0	0.48	4.8
Alton	60	—25	19.4	0.95	9.5
Anthony	.....	.....	.....	0.50	5.0
Atchison	52	—13	19.4	0.70	5.3
Baker	50	—17	16.4	0.62	5.0
Beloit	.....	.....	.....	1.00	8.0
Blue Rapids	.....	.....	.....	0.60	7.1
Burlington	64	—15	23.0	1.25	4.0
Chapman	60	—16	20.1	0.43	4.3
Clay Center	60	—22	18.3	1.18	9.7
Colby	.....	.....	.....	0.44	4.5
Columbus	64	— 9	24.8	1.74	8.3
Cottonwood Falls	.....	.....	.....	0.88	9.0
Cunningham	67[c]	—17[d]	23.3[d]	0.82	6.2
Dresden	58	—17	23.4	0.62	5.3
Eldorado	58	—15	23.0	1.25	5.8
Ellinwood	56	—18	22.2	1.03	8.8
Ellsworth	58	—24	20.8	1.06	6.5
Emporia	67	—12	22.4	0.46	7.0
Englewood	65	—17	26.0	0.90	6.5
Enterprise	.....	.....	.....	0.94	6.0
Eureka	.....	.....	.....	0.63	6.0
Fall River	65	—17	23.6	0.65	6.0
Farnsworth	62	—19	24.0	0.55	6.0
Forsha	60	—22	23.4	0.50	5.0
Fort Leavenworth	59	—13	21.6	0.80	8.0
Fort Scott	66	—10	23.8	1.17	7.8
Frankfort	52	—21	17.8	1.05	10.5
Garden City	65	—19	23.0	1.10	11.2
Gove	.....	.....	.....	0.45	4.5
Grenola	63	—13	22.7	0.90	5.0
Hanover	54[1]	—15[1]	18.3[1]	0.80	8.0
Harrison	57	—28	16.0	1.11	12.9
Horton	51	—15	18.4	0.58	6.0
Hoxie	63	—16	25.4	0.40	4.0
Hugoton	65	—21	24.1	0.70	7.0
Hutchinson	59	—19	21.2	0.92	7.5
Independence	64	— 9	25.3	0.88	4.1
Iola	.....	.....	.....	0.76	5.6
Jetmore	67	—21	23.4	0.80	8.0
La Crosse	62	—22	21.2	0.42	6.0
Lakin	58	—18	22.6	1.00	12.0
Larned	64	—22	20.8	1.00	6.0
Lawrence	59	—12	20.8	1.23	7.0
Lebanon	55	—25	18.3	1.10	11.0
Lebo	60	—15	20.6	1.00	4.2
Lindsborg	.....	.....	.....	0.74	7.0
Macksville	58	—20	22.2	0.75	6.0
McPherson	56	—15	21.0	1.27	11.0
Madison	62	—19	21.6	1.03	8.0
Manhattan *b*	52	—14	20.6	1.15	10.7
Manhattan *c*	54	—13	20.1	0.73	7.0
Marion	.....	.....	.....	0.60	6.0
Medicine Lodge	65	—20	25.7	0.75	7.5
Minneapolis	56	—19	19.1	0.74	7.4
Moran	63	—14	23.0	0.65	6.5
Mounthope	58	—10	25.8	1.14	5.5
Newton	54	—19	21.7	0.50	4.0
Norton	60	—22	20.2	0.85	7.5
Norwich	58	—13	23.6	0.74	6.5
Oberlin	.....	.....	.....	0.95	8.0
Osage City	58[c]	—13[c]	21.0[c]	0.93	6.7
Osborne	.....	.....	.....	0.77	7.8
Oswego	63	—11	25.2	1.50	7.0
Ottawa	63	—16	21.6	1.16	5.3
Phillipsburg	56[d]	—17[d]	19.1[d]	0.62	7.5
Plainville	42	—12	20.9	0.75	7.5
Pleasanton	62	—12	23.8	0.60	6.0
Pratt	65	—16	22.9	1.10	6.5
Republic	55	—30	16.2	0.83	10.0
Rome	56	—20	23.9	1.16	8.0
Russell	60	—17	20.8	0.72	7.5
Salina	57	—22	20.0	0.89	6.8
Sedan	64	—13	23.7	1.54	15.4
Toronto	65	—20	19.4	2.45	7.0
Ulysses	63	—21	23.0	1.40	14.0
Valley Falls	52	—15	20.0	0.65	6.0
Viroqua	66	—19	26.0	0.91	9.0
Wakeeney	55[c]	—15	21.1[c]	0.75	6.0
Wakeeney (near)	.....	.....	.....	0.74	7.4
Wallace	64	—19	26.0	0.27	2.8
Walnut	63	—13	23.5	0.72	7.2
Wamego*[1]	50	—13	20.0	0.87	8.7
Winfield	50	—15	23.3	1.50	5.0
Kentucky.					
Alpha	68	— 4	32.4	3.79	20.5
Anchorage	63	— 5	26.1	1.02	9.9
Bardstown	66	— 4	28.8	2.87	13.2
Beattyville	65	— 5	26.4	2.14	16.0
Beaver Dam	66	— 5	27.1	2.46	13.5
Kentucky—Cont'd.					
Berea	64	— 6	30.0	1.91	11.0
Blandville	62	— 4	26.6	3.33	9.4
Bowling Green	67	5	29.2	3.21	.....
Burnside	64	— 4	30.3	2.41	12.5
Cadiz	67	— 4	28.8	2.44	12.5
Calhoun	66	— 5	28.6	2.65	2.1
Catlettsburg	65	0	28.5	2.56	12.0
Earlington	66	— 4	27.2	3.11	15.0
Edmonton	65	— 6	29.2	2.84	23.1
Eubank	65	— 7	25.6	2.15	19.5
Falmouth	.....	.....	.....	2.38	10.0
Farmers	62	—15	26.0	2.25	16.0
Frankfort	61	— 3	27.8	2.16	.....
Franklin	64	— 4	30.6	3.09	16.9
Greensburg	67	— 5	27.5	3.12	17.2
Highbridge	64	— 5	28.0	3.36	.....
Hopkinsville	65	— 6	28.4	3.18	15.0
Irvington	63	— 5	28.0	1.95	8.0
Jackson	70	— 2	31.8	2.80	19.0
Leitchfield	65	— 5	27.0	2.70	14.2
Loretto	65	— 5	31.4	1.73	1.7
Manchester	66	— 4	29.0	3.25	26.5
Marion	65	— 7	28.2	3.41	6.0
Mayfield	63	— 3	29.3	3.48	12.2
Maysville	65	— 1	25.3	2.25	10.6
Middlesboro [b]	59	— 1	31.5	2.20	4.0
Mount Sterling	59	— 4	26.6	4.31	14.5
Owensboro	60	— 3	27.8	2.54	9.3
Owenton	57	— 5	24.7	2.85	14.5
Paducah *a*	.....	.....	.....	3.72	8.0
Paducah *b*	64	— 2	29.8	3.17	7.3
Princeton	66	— 5	29.4	2.99	10.3
Richmond	63	— 5	26.9	2.34	.....
St. John	62	— 6	25.1	2.60	13.8
Scott	59	— 2	25.6	1.88	9.1
Shelby City	64	— 7	27.0	2.43	18.0
Shelbyville	60	— 4	25.7	2.45	5.9
Taylorsville	61	— 3	26.8	2.34	8.5
Williamsburg	68	— 2	30.4	1.73	12.2
Williamstown	62	— 5	26.8	2.14	9.4
Louisiana.					
Abbeville	76	19	47.9	5.70	
Alexandria	76	16	43.6	5.90	
Amite	75	13	46.4	6.20	
Baton Rouge	76	17	47.5	6.94	
Burnside	75	18	49.0	6.80	
Calhoun	72	13	40.3	6.34	
Cameron	67	22	48.5	6.09	
Caspiana	73	17	42.6	4.49	
Cheneyville	72	18	44.1	4.45	
Clinton	74	16	46.0	6.71	
Collinston	70	15	39.4	7.60	
Covington	72	18	44.6	8.40	
Donaldsonville	75	18	50.0	7.29	
Emilie	71	19	49.1	7.88	
Farmerville	74[f]	16[f]	42.6[f]	6.02	
Franklin	76	20	48.0	4.72	
Georgetown	73	14	43.1	5.83	
Grand Coteau	75	16	47.9	6.70	
Hammond	71	18	46.9	5.93	
Houma	72	17	46.7	3.74	
Jennings	77	20	46.2	4.22	
Lafayette	71[e]	.....	.....	.....	
Lake Charles	76	20[h]	45.4[d]	5.00	
Lakeside	72	22	49.4	3.71	
Lawrence	74	.....	.....	5.53	
Leesville	82	16	45.6	5.55	
Libertyhill	75	15	42.2	4.40	T.
Logansport	.....	.....	.....	3.40	
Mansfield	74	14	39.6	4.43	
Melville	79	16	46.2	6.50	
Minden	72[e]	15	38.2	6.05	
Monroe	75	15	42.0	6.12	
Morgan City	.....	.....	.....	3.25	
New Iberia	74	18	49.2	5.15	
Opelousas	76	18	46.2	6.71	
Plain Dealing	73	13	38.6	4.65	
Port Eads	73	28	52.6	6.53	
Rayne	76	20	48.0	6.39	
Reserve	71[b]	22[c]	49.3[b]	6.67	
Robeline	73	15	40.8	2.75	
Ruston	72	13	41.2	5.20	
Schriever	.....	19	.....	5.53	
Southern University	.....	.....	.....	6.81	
Sugar Experiment Station	75	21	50.6	6.48	
Sugartown	71	18	45.7	6.56	
Summerport	.....	.....	.....	7.42	
Venice	78	24	51.4	6.91	
Maine.					
Bar Harbor	47	—15	17.1	5.20	31.5
Chesuncook	.....	.....	.....	2.67	33.5
Cornish	45	—14	15.2	5.53	32.0
Danforth	.....	.....	.....	5.75	43.5
Fairfield	46	—33	12.6	3.78	30.0
Farmington	44	—30	12.2	3.79	26.5
Gardiner	47	—33	12.9	4.85	27.2
Houlton	42	—32	5.0	3.55	48.0
Lewiston	48	—22	14.9	4.42	30.3
Maine—Cont'd.					
Madison	46	—32	12.3	4.08	17.8
Mayfield	40	—15	13.2	4.25	33.0
Millinocket	45	—35	8.5	5.45	31.0
North Bridgton	47	—28	16.2	4.67	29.0
Oquossoc	41	—36	7.2	3.33	36.5
Orono	48	—30	12.8	4.28	25.5
Patten	48	—35	10.2	4.20	42.0
Rumford Falls	46	—26	13.5	3.90	26.2
South Lagrange	46	—31	10.0	3.76	30.3
The Forks	.....	.....	.....	3.39	33.2
Vanburen	40	—45	1.7	1.42	15.5
Vanceboro	48	—39	10.6	4.00	41.0
Winslow	44	—30	11.1	3.66	22.5
Maryland.					
Annapolis	.....	5	.....	4.59	20.0
Bachmans Valley	57	—10	25.3	4.34	13.0
Boettcherville	63	— 3	28.2	1.67	12.5
Cambridge	65	5	31.9	3.26	16.5
Cheltenham	63	— 5	28.9	3.66	.....
Chestertown	58	— 6	28.0	4.44	26.8
Chewsville	63	— 6	26.4	3.24	22.2
Clearspring	64	0	26.5	4.27	18.0
Coleman	63	— 1	29.6	3.26	14.0
Collegepark	68	—13	28.9	2.81	10.5
Colora	.....	.....	.....	4.31	21.0
Cumberland	.....	.....	.....	1.49	.....
Darlington	60	— 2	27.5	4.07	12.0
Deerpark	.....	.....	.....	3.67	36.4
Denton	67	—10	30.0	3.88	21.2
Easton	61	— 7	30.4	3.76	16.3
Fallston	59	1	27.7	4.10	15.0
Frederick	68	— 9	29.5	4.09	12.5
Grantsville	58	—14	22.2	3.75	32.0
Greatfalls	64	1	28.3	3.45	.....
Greenspring Furnace	64	— 2	27.4	3.54	20.2
Hancock	69	0	28.0	3.66	13.8
Harney	.....	.....	.....	4.13	17.5
Jewell	64	1	30.3	4.03	14.0
Johns Hopkins Hospital	64	6	31.8	4.72	14.5
Keedysville	65	— 9	27.8	4.40	19.5
Laurel	63	4	29.8	.....	12.5
Mount St. Marys College	65	2	29.4	3.84	16.5
New Market	61	5	28.0	4.07	19.0
Oakland	55	—14	22.5	.....	.....
Pocomoke City	62	6	33.6	3.69	8.8
Porto Bello	61	6	31.3	2.82	.....
Prince Fredericktown	61	3	30.5	3.93	14.2
Princess Anne	63	— 6	31.4	3.48	8.6
Seaford	60	— 4	29.8	4.58	21.0
Solomons	61	5	31.4	3.00	14.0
Sudlersville	62	—10	29.3	4.14	21.0
Takoma Park	65	0	27.6	4.44	15.8
Van Bibber	58	3	28.4	3.63	.....
Westernport	58	1	26.4	2.25	22.5
Woodstock	62	— 2	29.6	3.87	13.2
Massachusetts.					
Amherst	51	—13	20.7	3.90	21.0
Bedford	48	— 5	22.6	4.38	22.5
Bluehill (summit)	49	0	22.1	4.98	28.6
Cambridge	50	0	23.4	6.13	.....
Chestnuthill	50	— 3	23.4	5.49	24.9
East Templeton*[1]	44	— 8	18.7	3.87	29.0
Fall River	50	5	25.5	3.92	20.5
Fitchburg *b*	49	— 5	20.6	5.56	30.0
Framingham	56	— 8	22.8	5.30	.....
Groton	48	—10	19.2	4.55	37.5
Hyannis	.....	.....	.....	4.42	14.5
Jefferson	.....	.....	.....	5.93	33.8
Lawrence	47	— 8	20.2	4.48	22.0
Leominster	.....	.....	.....	5.36	24.4
Lowell *a*	48	—10	22.2	6.96	.....
Ludlow Center	46	—16	16.8	4.03	27.5
Middleboro	61	—10	24.4	3.55	11.8
Monson	50	—13	20.6	4.32	32.0
New Bedford	50	1	24.2	3.73	17.1
Pittsfield	.....	.....	.....	4.64	.....
Princeton	.....	.....	.....	5.67	32.5
Provincetown	55	8	29.0	5.31	19.8
Salem	.....	.....	.....	4.20	27.2
Somerset*[1]	48	— 4	23.9	4.17	18.5
Taunton	50	—11	23.6	4.05	.....
Webster	.....	.....	.....	3.97	22.2
Westboro	49	— 8	23.5	3.67	19.5
Weston	49	— 9	22.2	5.05	24.4
Williamstown	49	— 8	18.0	1.91	27.2
Winchendon	.....	.....	.....	4.01	27.2
Worcester	48	0	21.8	3.73	26.8
Michigan.					
Adrian	51	— 9	18.8	1.30	10.0
Agricultural College	49	— 1	18.2	1.07	10.7
Allegan	37[e]	— 5[e]	20.6[e]	1.45	14.5
Alma	43	— 8	18.0	1.76	19.5
Ann Arbor	47	— 3	18.4	1.64	7.9
Arbela	42	— 8	17.8	2.22	17.5
Baldwin	36	—14	15.4	1.70	17.0
Ball Mountain	48	— 5	18.2	1.07	9.3
Baraga	.....	.....	.....	1.80	18.5
Battlecreek	44	— 6	17.8	1.55	13.0

TABLE II.—*Climatological record of voluntary and other cooperating observers*—Continued.

Stations.	Temperature. (Fahrenheit.) Maximum.	Minimum.	Mean.	Precipitation. Rain and melted snow.	Total depth of snow.
Michigan—Cont'd.	°	°	°	*Ins.*	*Ins.*
Bay City	40	—15	16.9	3.23	21.5
Benzonia	39[b]	3[b]	17.1[b]	3.40	33.5
Berlin	42[c]	— 6[c]	17.2[c]	1.72	13.5
Big Rapids	36	— 9	15.6	1.61	15.0
Birmingham	45	— 2	18.4	0.94	9.4
Bloomingdale	44	— 3	20.2	1.15	17.5
Calumet	40	— 2	13.3	2.96	37.0
Cassopolis	44	— 7	18.9	2.10	15.0
Charlotte	50	— 9	18.9	0.77	7.7
Chatham	36	—19	10.9	2.39	23.7
Cheboygan	40	—13	15.5	1.50	15.0
Clinton	47	— 9	19.2	1.66	9.0
Coldwater	48	— 7	20.0	2.27	16.0
Deer Park	39	— 2	14.6	2.85	26.0
Detour	37	—10	13.8	0.80	8.0
Dundee	50	— 8	19.5	2.43	16.1
Eagle Harbor	41	— 3	16.6	3.73	.....
East Tawas	47	— 8	17.1	2.34	23.7
Eloise	47	— 8	19.2	.....	.....
Ewen	43	—24	6.4	1.00	10.0
Fennville	50	— 1	22.2	1.35	13.5
Fitchburg	50	— 8	16.4	2.40	21.0
Flint	42	—13	17.4	1.46	10.0
Frankfort	42[f]	— 5[f]	21.6[f]	3.10	32.0
Gaylord	.....	.....	.....	1.15	11.5
Gladwin	38	—14	15.4	1.00	10.0
Grand Haven	40	5	20.3	0.75	7.5
Grape	32	— 9	18.6	1.43	10.2
Grayling	43	—15	14.2	2.15	21.5
Hagar	45	1	20.2	2.24	15.6
Harbor Beach	43	— 5	18.4	0.71	7.1
Harrison	39	— 5	15.0	1.20	12.0
Harrisville	40	— 7	15.8	2.50	25.0
Hastings	45	— 9	18.1	1.17	11.5
Hayes	41	—12	17.0	1.70	17.0
Hillsdale	47	— 7	18.0	2.01	12.5
Howell	46	— 6	15.7	0.79	10.1
Humboldt	40	—28	3.4	1.65	16.5
Iron Mountain	39	—14	9.8	1.00	10.0
Iron River	38	—24	7.2	0.80	11.0
Ironwood	44	—16	8.0	1.69	16.9
Ishpeming	30	—11	8.9	3.00	30.0
Ivan	44	—11	12.5	1.48	24.0
Jackson	47	— 4	19.2	2.35	14.5
Jeddo	41	— 4	18.1	2.20	20.0
Kalamazoo	38	— 4	18.4	.....	.....
Lake City	34	— 4	15.7	1.20	12.0
Lansing	44	— 2	19.0	1.68	11.5
Ludington	40	6	21.2	2.40	24.0
Mackinac Island	35	— 6	15.2	1.85	15.5
Mackinaw City	38	—12	16.0	2.10	21.0
Mancelona	40	—14	14.4	2.00	32.0
Manistee	.....	.....	.....	1.60	16.0
Marine City	45	— 5	19.4	1.38	12.5
Menominee	42	—11	13.1	1.40	14.0
Midland	45	—10	19.0	1.05	10.5
Montague	41	1	19.0	2.50	25.0
Muskegon	42	1	20.2	2.35	16.5
Newberry	30	—15	7.6	1.10	11.0
Old Mission	40	3	17.8	1.26	12.6
Olivet	44	— 1	18.1	1.66	6.8
Omer	.....	.....	.....	1.40	14.0
Onaway	40	—16	13.2	0.65	6.5
Ovid	42	— 5	17.6	1.70	12.0
Owosso	38[d]	— 9[d]	17.2[e]	1.20	12.0
Petoskey	40	— 5	16.8	1.90	19.0
Plymouth	46	— 7	18.8	1.00	10.0
Port Austin	46	— 8	18.8	1.60	16.0
Powers	.....	.....	.....	2.40	24.0
Reed City	40	—12	15.9	2.15	21.5
Roscommon	34[j]	—21[h]	11.2[i]	1.45	14.5
Saginaw (W. S.)	41	— 5	18.2	1.93	22.0
St. Ignace	36	—10	16.9	0.40	4.0
St. Johns	49	— 3	20.8	2.13	20.8
Slocum	36	—10	18.0	.....	.....
South Haven	39	0	20.2	0.79	13.0
Stanton	43	— 8	16.0	1.33	13.3
Thomaston	44	—25	6.4	1.60	16.0
Thornville	39	—11	18.1	1.62	19.5
Vassar	42	—14	16.6	1.92	13.2
Wasepi	47	— 6	17.6	2.59	15.0
Waverly	42	— 9	19.2	1.35	13.5
Webberville	43	— 9	17.6	1.36	11.5
West Branch	.....	.....	.....	2.40	24.0
Wetmore	40	0	13.8	2.40	24.0
Whitefish Point	38	— 7	15.0	1.72	19.2
Ypsilanti	48	—10	17.7	1.97	11.1
Minnesota.					
Albert Lea	34	—20	4.4	0.70	7.0
Alexandria	35	—25	1.2	0.63	6.8
Angus	34	—33	2.0	.....	.....
Ashby	41	—24	3.4	0.78	9.2
Beaulieu	30	—37	0.1	0.22	3.0
Bemidji	42	—34	3.8	0.27	2.7
Bird Island	38	—24	4.8	0.73	7.8
Caledonia	36	—21	6.2	0.87	8.5
Collegeville	45	—21	7.4	0.49	5.7
Crookston	33	—28	—1.2	0.75	7.5
Minnesota—Cont'd.					
Detroit	30	—38	—3.8	0.43	4.5
Faribault	40	—27	4.6	0.44	6.5
Farmington	40	—22	5.4	0.90	9.0
Fergus Falls	32	—28	1.4	0.55	5.5
Floodwood	45	—33	3.9	0.60	8.0
Glencoe	50	—20	6.4	0.45	4.5
Grand Meadow	39	—23	3.3	1.15	12.3
Hallock	33	—39	—4.9	0.52	5.2
Hovland	.....	.....	.....	1.34	13.4
Lake Winnibigoshish	25	—35	—0.2	0.46	4.9
Leech	34	—38	0.1	0.23	3.5
Long Prairie	39	—29	3.4	0.56	5.5
Luverne	42	—21	8.1	1.60	16.0
Lynd	39	—22	12.7	0.38	4.0
Mankato	.....	.....	.....	0.45	9.0
Mapleplain	39	—22	5.6	1.05	12.3
Milaca	50	—28	6.0	0.60	6.0
Milan	33	—28	3.6	0.89	8.9
Minneapolis [1]	37*	—30	5.8	0.62	6.7
Montevideo	34	—26	5.2	0.43	4.2
Mora	44	—27	5.2	0.38	4.0
Morris	32	—27	2.8	0.30	3.0
Mount Iron	34	—29	2.6	0.45	4.5
New London	35	—25	3.1	0.24	3.0
New Richland	39[c]	—22[c]	6.6[c]	1.35	13.5
New Ulm	50	—21	6.2	1.20	12.0
Park Rapids	28	—32	—0.7	0.62	6.1
Pine River	33	—35	0.0	0.13	3.0
Pleasant Mounds	42	—20	7.3	0.47	7.8
Pokegama Falls	30	.....	.....	0.47	7.5
Reeds	.....	.....	.....	0.30	8.9
Rolling Green	41	—20	7.2	0.90	9.0
St. Charles[s]	45	—20	7.6	0.84	8.2
St. Cloud	47	—24	6.5	0.49	7.0
St. Peter	45	—27	6.2	0.94	9.4
Sandy Lake Dam	33	—32	2.2	0.85	9.0
Shakopee	34	—24	3.9	1.31	13.0
Stillwater	.....	.....	.....	0.80	8.0
Wabasha	41	—21	6.4	0.75	9.1
Wadena	33	—31	1.0	0.38	8.7
Willow River	46	—34	3.8	0.39	4.9
Winnebago	44	—20	6.6	0.76	9.5
Winona	46	—18	5.2	0.57	5.2
Worthington	45	—24	13.1	0.76	7.6
Zumbrota	38	—21	5.7	1.10	11.0
Mississippi.					
Aberdeen	66	9	33.7	7.12	
Agricultural College	67	12[e]	38.8[c]	6.13	
Austin	67	6	34.6	6.54	T.
Batesville	67	8	35.6	5.90	
Bay St. Louis	71	18	47.2	6.57	
Biloxi	68[c]	18[c]	47.4[c]	4.14	
Booneville	63	6	34.2	6.77	4.0
Canton	73	13	41.6	4.17	
Columbus	66	11	35.6	7.00	
Corinth	62	5	33.0	5.32	4.0
Crystal Springs	74	14	41.8	5.83	
Duck Hill	70	10	38.2	6.65	
Edwards	70	11	41.2	4.83	
Enterprise	.....	.....	.....	8.00	
Fayette	72	15	42.7	6.35	
Fayette (near)	.....	.....	.....	5.43	
Greenville *a*	70	13	38.0	7.31	
Greenville *b*	71	14	38.6	7.88	
Greenwood	72	12	37.7	6.78	
Hattiesburg	.....	.....	.....	6.90	
Hazlehurst	72	14	42.3	8.95	
Hernando	67	8	34.4	4.42	1.0
Holly Springs	64	5	32.0	4.78	1.0
Jackson	72	15	40.2	5.72	
Kosciusko	70	9	39.5	4.18	
Lake	71	12	40.9	5.65	
Lake Como	72	12	42.5	7.69	
Laurel	70	13	42.4	7.53	
Leakesville	75	9	44.4	5.95	
Louisville	70	12	39.6	4.34	
McNeill	.....	16	....	7.77	
Magee	71	13	42.6	6.08	
Magnolia	74	15	47.1	6.29	
Merrill	.....	.....	.....	6.29	
Natchez	74[d]	17[d]	45.6[d]	.....	
Nitta Yuma	67	15	38.4	5.76	
Okolona	64	7	33.0	4.85	T.
Patmos	.....	.....	.....	5.60	
Pearlington	73	18	47.6	5.71	
Pecan	76	16	48.1	7.40	
Pittsboro	67	8	36.4	6.92	
Pontotoc	66	7	34.8	7.96	T.
Poplarville	77	16	45.1	7.11	
Port Gibson	74	12	42.8	5.16	
Shelby	73	9	36.3	5.35	
Shoccoe	71	10	40.2	5.71	
Shubuta	.....	.....	.....	8.61	
Stonington	.....	.....	.....	5.25	
Suffolk	70	14	44.0	6.84	
Tchula	71	14	40.3	5.47	
Tupelo	67	8	34.8	7.72	
University	70	8	36.8	7.23	2.0
Mississippi—Cont'd.					
Utica	71	15	42.2	5.39	
Walnutgrove	70[e]	12[e]	42.1[e]	5.93	
Watervalley	67	8	36.6	7.55	T.
Waynesboro	70	14	45.4	5.95	
Woodville	70	15	45.8	6.44	
Yazoo City	72	15	39.8	4.60	
Missouri.					
Albany	.....	.....	.....	0.60	6.0
Appleton City	65	—14	22.5	1.32	6.5
Arthur	70	—17	25.4	1.20	7.0
Avalon	58	—13	19.2	0.40	4.0
Bethany	50	—15	16.9	0.55	5.6
Birchtree	62	— 8	27.0	3.03	7.0
Blue Springs	60	—11	20.6	0.45	3.4
Boonville	.....	.....	.....	1.52	3.6
Brunswick	60	—11	19.7	1.13	10.8
Cape Girardeau	.....	.....	.....	4.45	13.7
Carrollton	61[f]	—10[f]	20.2[f]	0.30	3.0
Caruthersville	67	— 1	31.6	3.17	7.0
Conception	49	—18	16.0	0.70	7.0
Darksville	60	—11	20.8	0.70	7.0
Dean	67	— 9	28.4	3.12	5.2
Doniphan	67	— 3	28.9	3.20	10.0
Downing	.....	.....	.....	0.90	6.0
Fairport	.....	.....	.....	0.43	4.8
Fayette	60	—10	18.9	0.94	5.8
Fulton	67	—10	21.0	2.08	3.1
Gallatin *[1]	60	—10	18.8	0.32	3.2
Gano	65	—10	25.4	3.20	11.6
Glasgow	63[f]	—10[f]	20.5[f]	0.88	9.0
Goodland [f]	47	—10	23.8	1.90	9.5
Gorin	.....	.....	.....	0.56	4.2
Grant City	49	—16	17.0	1.00	10.0
Harrisonville	60	—10	20.0	0.84	5.7
Hazlehurst	.....	.....	.....	0.80	3.0
Hermann	.....	.....	.....	2.26	5.0
Houston	62	— 9	25.9	3.25	8.1
Ironton	64	— 9	24.6	3.26	7.0
Jackson	68	— 5	27.8	2.90	10.0
Jefferson City	67	— 9	21.4	2.18	5.0
Joplin	67	— 8	27.6	3.30	12.5
Kidder	58	—13	18.2	0.83	1.4
Koshkonong	61	— 8	27.1	3.19	9.5
Lamar	68	—10	24.6	2.41	8.0
Lamonte	.....	.....	.....	0.69	5.0
Lebanon	62	— 9	24.2	3.55	12.5
Lexington	62	—10	22.0	0.95	3.0
Liberty	60	—12	20.5	0.97	4.6
Lockwood	66	—12	24.0	3.04	6.0
Louisiana	62	— 8	22.4	2.36	6.8
Macon	60	— 9	21.0	1.03	10.0
Marblehill	68	— 5	27.4	2.93	6.1
Marshall	62	— 9	21.3	0.73	4.3
Maryville	49	—17	11.0	0.98	9.8
Mexico	66	— 9	20.6	1.84	7.0
Miami *[5]	58	—10	19.9	0.75	5.2
Monroe	60	— 9	19.8	1.10	4.1
Montreal	66	—12	23.6	2.81	6.8
Mountaingrove	61	—11	24.9	3.71	8.0
Mount Vernon	64	—12	24.8	2.69	7.5
Neosho	66	— 9	27.6	2.13	6.5
New Haven	69	— 6	24.5	3.03	8.5
New Madrid	.....	.....	.....	2.57	.....
New Palestine	66	— 7	23.4	1.37	3.7
Oakfield	69	— 8	24.5	3.16	8.9
Olden	63	— 9	27.4	2.60	2.3
Oregon	50	—19	15.7	0.92	10.1
Osceola	.....	.....	.....	1.80	.....
Pine Hill	.....	.....	.....	2.65	4.9
Princeton	54	—13	17.3	0.65	6.0
Rockport	.....	.....	.....	1.34	10.3
Rolla	.....	.....	.....	3.24	10.8
St. Charles	67	— 8	24.0	3.28	5.8
St. Joseph	.....	.....	.....	0.45	4.5
Sarcoxie	.....	.....	.....	3.04	8.4
Sedalia	63	—10	22.6	1.29	6.3
Seymour	64	—12	24.0	3.08	6.5
Sikeston	65	— 3	28.8	3.21	10.5
Steffenville	54	— 8	20.6	0.17	1.5
Trenton	53	—12	19.0	0.77	4.0
Unionville	52	—15	14.4	1.09	11.6
Versailles	65	—10	23.1	2.09	6.6
Vichy	72	—14	20.8	0.80	8.0
Warrensburg	63	—10	22.9	1.12	4.0
Warrenton	68	— 8	20.2	2.32	8.5
Warsaw	66	—19	22.2	1.64	3.2
Wheatland	.....	.....	.....	2.30	8.0
Willowsprings	63	—12	24.8	4.28	12.0
Windsor [c]	48	—13	20.3	1.88	18.8
Zeitonia	65	—10	25.8	1.59	6.0
Montana.					
Adel	52	—27	19.2	0.30	3.0
Anaconda	50	—13	23.5	0.70	7.0
Augusta	55	—28	18.2	0.40	4.0
Billings	58	—15	22.2	0.92	9.2
Boulder	50	—13	22.2	0.31	3.6
Bozeman	48	—12	20.7	0.23	2.3
Butte	47	— 9	24.2	0.70	7.0

TABLE II.—*Climatological record of voluntary and other cooperating observers*—Continued.

Stations.	Temperature. (Fahrenheit.) Maximum.	Minimum.	Mean.	Precipitation. Rain and melted snow.	Total depth of snow.
Montana—Cont'd.	°	°	°	*Ins.*	*Ins.*
Canyon Ferry	45	— 8	21.6	0.12	1.8
Cascade	56	—21	19.4	0.23	4.5
Chester	45[c]	—32[c]	9.4[c]	1.01	10.1
Chinook	49[c]	—24	7.0[c]	0.71	.....
Columbia Falls	46	— 1	24.3	2.14	6.1
Crow Agency	53	—20	19.4	1.30	13.0
Culbertson	39	—34	2.6	0.23	2.5
Dayton	47	— 9	22.4	1.18	5.4
Decker	50	—26	21.4	0.30	3.0
Deerlodge	49	—14	22.6	.....	.....
Dillon	50	—13	24.4	0.60	6.0
Fallon	41	.....	7.3	0.07	1.8
Forsyth	53	—22	13.3	0.60	6.0
Fort Harrison	50	—12	20.8	.....	.....
Fort Logan	42	—18	15.8	0.19	1.9
Glasgow	35	—38	— 0.4	0.13	.....
Glendive	40	—45	3.2	0.80	8.0
Grayling	.....	—28	.....	0.57	7.0
Greatfalls	47	—21	18.2	0.32	.....
Lakeview	.....	.....	.....	0.30	3.0
Lame Deer	48	—21	17.8	1.30	13.0
Livingston	56	— 9	25.2	0.32	4.5
Lewistown	50	—20	18.0	0.40	4.0
Lodgegrass	52	—22	20.0	0.60	12.0
Martinsdale	53	—14	21.0	0.57	.....
Marysville	45	—12	19.6	0.84	9.0
Missoula	54	1	27.0	0.67	2.0
Ovando	41	—16	19.0	1.09	8.8
Parrot	.....	—10	22.5[c]	0.04	.....
Philipsburg	53	—19	22.3	0.06	0.6
Plains	44	— 2	26.3	0.35	.....
Poplar	38	—32	4.3	0.60	6.0
Redlodge	54	—20	20.5	0.41	8.0
St. Pauls	50	—17	15.8	0.53	9.5
St. Peter	49	—16	21.0	0.11	2.5
Saltese	.....	.....	.....	1.80	18.0
Springbrook	45	—30	8.0	0.64	6.4
Toston	48	— 9	23.0	0.10	1.0
Troy	46	— 2	27.4	1.47	6.0
Twin Bridges	53	—12	23.4	0.01	0.1
Utica	.....	.....	.....	0.19	2.0
Warrick	.....	.....	.....	1.04	10.4
Wolf Creek	52	—15	21.5	0.29	4.6
Yale	55	—21	19.0	0.81	8.1
Nebraska.					
Agate	55	—33	19.2	0.52	15.4
Agee *1	44	—24	11.4	1.47	14.8
Albion	49	—24	13.0	2.20	22.0
Alliance	63	—31	22.2	0.80	8.0
Alma	62	—29	18.2	0.75	7.5
Ansley	56	—22	15.6	1.40	14.0
Arapaho	.....	.....	.....	0.95	9.0
Arcadia	.....	.....	.....	0.75	11.0
Ashland *a*	54	—21	14.7	0.95	15.8
Ashton	.....	.....	.....	1.40	14.0
Auburn	52	—19	16.0	1.00	10.0
Aurora	53	—20	16.9	0.70	10.0
Bartley	60	—24	20.3	0.65	6.5
Beatrice	56	—20	17.6	0.77	8.0
Beaver	58	—19	21.2	0.63	7.0
Bellevue	.....	.....	.....	1.54	20.4
Benkleman	.....	.....	.....	0.40	4.0
Blair	52	—23	12.2	0.97	13.2
Bluehill	.....	.....	.....	0.95	9.5
Bradshaw	.....	.....	.....	1.26	14.8
Bridgeport	58	—33	22.1	1.30	13.0
Broken Bow	59	—23	17.2	0.93	10.0
Burchard	.....	.....	.....	0.48	7.6
Burge	.....	.....	.....	1.46	14.8
Burwell	.....	.....	.....	1.30	13.0
Central City	.....	.....	.....	1.90	19.0
Chester	.....	.....	.....	1.20	12.0
Cody	.....	.....	.....	0.41	4.1
Columbus	53	—25	12.6	1.16	16.0
Crawford	.....	.....	.....	1.12	11.5
Crete	57	—22	15.6	0.80	8.4
Culbertson	63	—22	25.4	0.48	6.0
Curtis	57	—22	19.0	1.10	11.0
David City	51	—24	14.0	1.44	15.9
Dawson	52	—17	17.3	0.74	7.4
Duff	.....	.....	.....	1.20	12.0
Dunning	.....	.....	.....	1.30	13.0
Edgar	.....	.....	.....	1.00	10.0
Ericson	.....	.....	.....	2.00	20.0
Ewing	.....	.....	.....	1.20	12.0
Fairbury	57	—24	15.2	1.07	13.8
Fairmont	54	—24	12.6	1.30	13.0
Fort Robinson	54	—17	21.8	1.13	11.2
Franklin	61	—25	19.0	1.00	10.0
Fremont	53	—24	13.1	1.60	16.0
Fullerton	.....	.....	.....	2.30	23.0
Geneva	54	—24	15.3	1.05	10.5
Genoa (near)	50	—25	13.9	0.91	19.6
Gering	52	—29	24.8	1.17	13.5
Gordon	.....	.....	.....	0.94	9.4
Gothenburg	58	—23	19.5	1.05	10.5
Grand Island *a*	.....	.....	.....	1.64	16.6
Grant	58	—26	21.9	0.17	4.0
Nebraska—Cont'd.	°	°	°	*Ins.*	*Ins.*
Greeley	.....	.....	.....	1.40	14.0
Guide Rock	.....	.....	.....	1.42	14.2
Haigler	.....	.....	.....	0.56	.....
Halsey	55	—26	17.4	0.55	8.0
Hartington	50	—20	10.7	1.70	17.0
Harvard	52	—21	14.0	1.06	10.3
Hastings *1	53	—18	16.8	1.25	13.0
Hayes Center	.....	.....	.....	1.00	10.0
Hay Springs	46	—30	14.6	1.00	10.5
Hebron	55	—21	15.2	1.48	14.7
Hendley	.....	.....	.....	0.80	8.0
Hickman	.....	.....	.....	0.82	8.2
Holbrook	.....	.....	.....	1.04	10.8
Holdrege	58[c]	—26[c]	18.2[c]	0.80	8.0
Holly	.....	.....	.....	1.01	10.2
Hooper *1	51	—20	12.5	1.02	14.9
Imperial	57	—26	22.2	0.84	10.2
Johnstown	.....	.....	.....	1.20	12.0
Kearney	57	—21	18.7	0.98	.....
Kennedy	53	—26	16.3	1.83	17.5
Kirkwood	61	—23	16.0	1.20	12.0
Leavitt	54[b]	—22[c]	14.2[b]	.....	.....
Level	.....	.....	.....	0.80	8.0
Lexington	58	—23	18.0	1.20	12.0
Lodgepole	59	—27	22.5	0.60	6.0
Loup	52	—21	16.6	0.45	9.0
Lynch	.....	.....	.....	1.30	13.0
McCook	.....	.....	.....	0.70	7.2
McCool	.....	.....	.....	1.50	.....
Madison	50	—23	12.2	1.65	16.5
Marquette	.....	.....	.....	1.15	11.5
Mason	.....	.....	.....	1.22	12.2
Merriman	.....	.....	.....	0.90	9.0
Minden	57	—20	16.3	0.99	11.5
Monroe	.....	.....	.....	0.92	14.5
Nebraska City	51	—18	15.6	1.00	10.0
Nemaha	.....	.....	.....	0.80	8.0
Norfolk	51	—26	12.0	0.94	16.5
North Loup	53	—25	15.4	1.25	15.2
Oakdale	48	—24	10.6	0.78	9.6
Odell	.....	.....	.....	1.40	14.0
O'Neill	53	—23	14.8	0.73	13.2
Ord	.....	.....	.....	1.45	14.5
Osceola	.....	.....	.....	0.82	.....
Palmer	.....	.....	.....	1.30	13.0
Palmyra *1	50	—20	14.9	0.75	9.0
Pawnee City	50	—20	16.4	0.92	8.3
Plattsmouth *b*	.....	—18	.....	1.10	11.0
Plymouth	.....	.....	.....	1.60	16.0
Purdum	59	—27	17.0	0.95	9.5
Ravenna *a*	56	—20	17.4	1.25	13.2
Redcloud	56	—25	14.6	.....	.....
Republican	.....	.....	.....	0.70	7.0
Rulo	.....	.....	.....	1.03	6.0
St. Libory	.....	.....	.....	1.80	18.0
St. Paul	53	—21	17.2	1.14	11.4
Santee	47	—26	11.9	0.86	10.3
Schuyler	.....	.....	.....	1.60	16.0
Seneca	.....	.....	.....	1.50	15.0
Seward	55	—22	13.5	0.58	13.1
Smithfield	.....	.....	.....	1.25	12.5
Springview	57	—22	14.8	1.40	14.0
Stanton	49	—26	12.2	1.70	17.0
Strang	.....	.....	.....	1.25	12.5
Stratton	.....	.....	.....	0.50	5.0
Superior	54	—25	12.8	1.20	12.0
Syracuse	.....	.....	.....	0.80	8.0
Tablerock	.....	.....	.....	1.14	11.0
Tecumseh	.....	.....	.....	0.98	8.8
Tekamah	52	—22	11.9	1.90	19.0
Turlington	52	—19	14.9	1.28	12.3
University Farm	54	—22	15.6	0.91	.....
Wahoo	.....	.....	.....	1.20	12.0
Wakefield	50	—24	10.9	1.36	13.6
Wauneta	.....	.....	.....	0.80	8.0
Weeping Water	.....	.....	.....	1.11	13.5
Westpoint	56	—25	12.3	1.23	13.4
Whitman	.....	.....	.....	0.50	5.0
Wilber	.....	.....	.....	0.75	10.7
Wilsonville	.....	.....	.....	0.71	9.0
Winnebago	51	—30	9.4	0.66	13.0
Wisner	.....	.....	.....	1.95	19.5
Wymore	.....	.....	.....	1.50	15.0
York	52	—18	12.4	1.28	14.0
Nevada.					
Amos	57	10	34.8	0.65	
Austin	53	12	34.0	0.70	.....
Battle Mountain	56	8	38.0	T.	
Belmont	48	11	31.3	0.17	2.0
Beowawe *1	50	10	36.0	T.	
Caliente	68	5	39.2	0.09	0.4
Candelaria	56	11	36.8	0.25	2.5
Carlin *1	42	0	25.2	.....	T.
Carson City	66	17	38.2	0.36	0.1
Cranes Ranch	.....	.....	.....	0.59	.....
Dyer	61	2	35.3	0.26	2.0
Elko	60	— 8	29.6	0.25	T.
Eureka	55	5	31.8	2.60	3.0
Nevada—Cont'd.	°	°	°	*Ins.*	*Ins.*
Geyser	58[1]	—10	28.6[c]	0.60	5.7
Golconda	.....	.....	.....	1.15	.....
Halleck *5	55	— 8	27.7	1.00	T.
Hawthorne	61	18	40.0	0.00	
Humboldt	57	13	40.2	0.33	.....
Lewers Ranch	63	15	39.8	1.86	4.0
Lovelocks	57	5	34.4	T.	
Mill City *1	54	12	35.8	0.25	.....
Palisade	59	4	31.6	0.00	
Palmetto	60	— 1	32.5	1.20	12.0
Pioche	54	— 2	28.8	1.00	5.5
Potts	54	—11	29.8	0.29	3.0
Reno State University	60	16	38.0	0.12	
San Jacinto	53	— 2	27.9	0.40	4.0
Sodaville	65	15	40.0	0.07	.....
Tecoma	54	— 8	25.0	0.20	2.0
Wadsworth	72	12	44.7	.....	.....
Wells *1	47	6	28.2	0.30	1.5
Wood	53	1	28.8	0.83	
New Hampshire.					
Alstead	45	—13	15.9	4.40	30.0
Berlin Mills	42	—33	11.8	2.92	28.0
Bethlehem	47	—15	12.6	2.59	22.0
Brookline *1	46	—20	19.8	5.53	33.0
Chatham	48	—24	13.2	2.15	20.0
Durham	47	—17	18.8	7.60	.....
Franklin Falls	46	—21	17.2	3.21	24.5
Grafton	47	—28	13.2	3.40	25.0
Hanover	48	—24	13.6	1.90	16.8
Keene	50	—20	16.8	3.45	30.0
Littleton	42	—16	12.2	2.66	22.0
Nashua	48	—16	19.6	4.99	25.5
Newton	48	—10	18.8	4.85	26.5
North Woodstock	.....	.....	.....	1.51	.....
Plymouth	44	—20	15.6	3.30	27.0
Stratford	47	—30	12.2	2.05	21.0
New Jersey.					
Asbury Park	56	0	29.0	4.91	22.6
Bayonne	51	1	26.9	4.17	23.7
Belvidere	57	— 7	23.9	5.95	30.5
Bergen Point	53	— 1	26.4	3.65	21.7
Beverly	58	1	27.9	3.26	11.6
Blairstown	52	—10	23.6	4.89	34.8
Bridgeton	60	0	29.8	3.28	13.5
Cape May C. H.	59	4	30.6	3.80	22.5
Charlotteburg	53	—13	23.2	7.13	.....
Clayton	57[c]	— 3[c]	27.3[c]	3.02	22.0
College Farm	53	— 1	26.8	3.80	.....
Dover	51	— 6	22.4	6.46	31.6
Elizabeth	52	2	27.8	3.80	.....
Englewood	53	— 3	26.4	4.17	22.0
Flemington	56	— 4	28.1	3.37	9.0
Friesburg	60	— 1	28.8	3.24	13.4
Hightstown	52	— 2	27.5	4.78	19.5
Imlaystown	56	0	27.7	2.58	12.2
Indian Mills	58	0	28.4	3.54	14.6
Lakewood	59	0	28.4	3.88	20.5
Lambertville	56	— 2	27.2	3.60	18.5
Layton	51	—16	20.8	5.50	27.5
Moorestown	54	0	27.7	2.87	10.9
Newark	53	— 1	26.6	3.67	15.2
New Brunswick	53	0	27.1	3.75	15.3
Newton	54	—12	23.0	6.05	35.0
Oceanic	54	0	28.0	3.52	13.7
Paterson	54	2	27.8	5.03	22.4
Phillipsburg	54	— 2	25.0	4.64	24.5
Plainfield	52	0	25.8	4.23	18.3
Pleasantville	.....	.....	.....	3.86	18.0
Rancocas	.....	.....	.....	3.05	9.7
Rivervale	50	—15	23.4	5.31	34.0
Sandyhook	49	0	27.2	3.21	22.0
Somerville	55[c]	— 1[c]	25.6[c]	4.65	19.5
South Orange	52	— 1	25.6	4.24	21.5
Sussex	53	—12	23.6	6.59	40.5
Trenton	58	1	31.3	2.68	16.0
Tuckerton	57	— 1	28.9	4.56	18.5
Vineland	57	— 3	28.2	3.64	16.2
Woodbine	58	3	29.6	2.85	20.5
Woodstown	.....	.....	.....	3.57	17.0
New Mexico.					
Alamagordo	71	20	44.4	1.02	
Albert	67	— 4	35.0	0.70	7.0
Albuquerque	57	15	32.6	1.00	6.0
Alma	71	14	40.6	1.44	.....
Arbela	67	15	39.6	0.60	6.0
Bellranch	72	— 3	37.3	0.50	5.0
Bloomfield	54	6	30.3	0.59	4.8
Brice	71	23	44.9	0.97	
Cambray	.....	.....	.....	1.69	
Carlsbad	80	20	45.0	0.92	
Cimarron	64	— 6	30.2	0.26	2.5
Cloudcroft	46	7	29.5	3.20	9.5
Deming	66	12	41.0	1.53	
Dorsey	61	— 3	30.4	0.35	5.0
Eagle Rock Ranch	55	— 6	29.6	0.82	8.7
Elizabethtown	44	—12	20.2	1.90	20.5
Elk	70	18	41.1	0.91	6.0
Engle	66	11	39.4	1.20	

TABLE II.—*Climatological record of voluntary and other cooperating observers*—Continued.

Stations.	Temperature. (Fahrenheit.) Maximum.	Minimum.	Mean.	Precipitation. Rain and melted snow.	Total depth of snow.
	°	°	°	Ins.	Ins.
New Mexico—Cont'd.					
Estancia	56	−6	25.8	1.00	9.0
Fairview	76	12	41.3	0.85	T.
Fort Bayard	64	17	40.8	3.07	2.0
Fort Stanton	63	12	36.8	0.40	4.0
Fort Union	67	−9	34.4	1.00	10.0
Fort Wingate	54	8	31.0	2.30	24.0
Fruitland	48	7	30.5	0.56	2.5
Hillsboro	63	.....	.....	1.67	
Las Vegas	57	−9	30.6	1.45	13.5
Lordsburg	75	19	44.8	1.57	
Los Lunas	59	17	35.9	1.25	
Luna	55	3	30.2	2.00	21.5
Mesilla Park	72	16	43.8	1.01	
Mineral Hill	.....	.....	.....	1.43	14.0
Mountainair	56	4	32.5	0.72	10.0
Raton	54	2	30.8	0.40	4.0
Rociada	57	1	34.2	1.56	20.0
San Marcial	66	19	39.6	2.00	T.
San Rafael	60	8	33.2	0.79	9.0
Socorro	63	15	36.7	1.05	T.
Springer	58	−16	27.4	0.37	5.0
Strauss	.....	.....	.....	0.63	
Taos	54	−9	25.4	1.16	17.0
Tucumcari	67	−3	36.6	0.53	6.0
Vermejo	57	−9	27.5	0.77	10.5
New York.					
Adams	.....	.....	.....	5.59	48.0
Addison	54	−16	20.8	2.60	20.6
Akron	.....	.....	.....	3.02	.....
Alden	46	−4	18.6	4.45	35.4
Ames	48	−11	19.4	2.15	14.0
Amsterdam	46	−12	20.2	4.33	24.5
Appleton	46	2	20.7	2.13	.....
Arcade	45	−22	13.2	5.60	58.3
Athens	48	−5	21.6	2.44	20.6
Atlanta	50	−22	18.4	2.65	28.5
Atwater	.....	.....	.....	2.42	17.1
Auburn	47	−3	20.0	2.53	14.0
Avon	49	−8	18.2	2.27	28.0
Baldwinsville	43	−7	19.1	2.43	21.6
Ballston Lake	49	−10	17.6	3.25	15.4
Bedford	50	−1	26.8	5.12	15.0
Berlin	52	−15	17.6	3.91	33.0
Blue Mountain Lake	.....	.....	.....	4.85	37.5
Bolivar	45	−20	17.8	3.07	28.0
Bouckville	42	−15	15.7	3.63	22.5
Brockport	46	−1	20.5	4.05	34.5
Cape Vincent	38	−15	12.2	3.35	.....
Carmel	52	−9	21.1	6.30	27.0
Carvers Falls	50	−21	14.5	1.32	16.0
Chatham	50	−7	19.8	3.11	27.5
Chazy	46	−16	12.2	1.30	14.0
Coeymans	49	−5	20.4	2.52	.....
Cooperstown	45	−13	16.4	3.11	16.5
Cortland	47	−9	17.8	3.26	12.3
Cutchogue	52	4	26.9	2.90	14.0
Dekalb Junction	50	−21	12.4	2.33	19.5
De Ruyter	38[d]	−15	16.2[b]	2.74	19.8
Easton	.....	.....	.....	1.81	15.0
Elba	44	−2	17.9	5.60	47.0
Elmira	56	−5	22.6	1.39	.....
Faust	47	−27	10.8	3.02	32.5
Fayetteville	48	−16	18.7	2.14	13.5
Fort Plain	45	−8	21.2	2.79	15.3
Franklinville	48	−18	17.0	5.05	38.0
Gabriels	47	−29	9.4	2.82	26.2
Gansevoort	.....	.....	.....	3.25	24.5
Glens Falls	52	−14	17.0	2.66	20.4
Gloversville	44	−11	16.1	4.87	34.8
Greenfield	49	−11	16.6	4.55	24.0
Greenwich	52	−11	17.0	2.38	15.5
Griffin Corners	46	−16	17.1	3.83	16.3
Harkness	50	−11	14.2	1.64	16.9
Haskinville	.....	.....	.....	2.58	24.6
Hemlock	48	−3	19.6	2.20	26.0
Hunt	47	−15	17.8	3.78	28.0
Indian Lake	46	−23	13.9	1.92	11.5
Ithaca	50	−3	20.0	2.82	16.9
Jamestown	51	−10	19.2	3.59	30.6
Jeffersonville	50	−18	18.0	2.76	20.5
Keene Valley	49	−15	13.9	2.92	13.8
Lake George	47	−12	16.6	2.55	16.2
Le Roy	45	0	19.1	4.04	37.1
Liberty	45	−15	16.6	5.77	25.8
Littlefalls, City Res.	47	−14	17.4	2.73	22.2
Lockport	43	1	20.0	3.09	.....
Lowville	43	−15	13.3	3.41	43.8
Lyndonville	.....	.....	.....	1.94	13.0
Lyons	45	−2	19.8	3.05	30.5
Middletown	48	−5	22.6	4.86	27.4
Mohonk Lake	50	−6	20.3	4.60	35.5
Moira	44	−15	10.2	2.70	20.0
Mt. Hope	54	−8	24.3	5.66	26.0
Newark Valley	.....	.....	.....	2.09	19.0
New Lisbon	46	−17	15.3	2.84	20.0
North Hammond	40	−16	11.0	1.20	.....
Ogdensburg	48	−16	13.0	1.14	8.6
Old Chatham	.....	.....	.....	3.02	22.0
New York—Cont'd.					
Oneonta	46	−11	19.2	2.90	13.5
Otto	54	−4	18.0	2.11	.....
Oxford	47	−14	18.2	3.23	26.3
Oyster Bay	53	1	27.8	4.89	15.0
Palermo	.....	.....	.....	2.63	21.9
Perry City	49	−10	18.1	3.38	24.5
Plattsburg Barracks	50	−10	15.6	1.99	19.9
Port Jervis	52	−8	21.5	5.26	31.7
Potsdam	46	−18	10.8	2.40	25.0
Redhook	.....	.....	.....	4.80	.....
Richland	44	−18	16.4	2.10	21.0
Richmondville	49	−13	17.7	2.64	17.5
Ridgeway	44	1	20.0	3.11	25.4
Ripley	50	−5	21.6	4.70	48.0
Rome	41	−10	17.6	2.53	20.0
Romulus	52	0	21.2	2.59	17.0
Saranac	49	−21	11.8	2.13	.....
Scarsdale	50	−4	23.9	6.31	35.5
Setauket	52	2	26.8	3.10	6.5
Shortsville	46	−4	18.8	1.85	18.5
Skaneateles	.....	.....	.....	2.30	.....
Southampton	52	4	27.2	4.75	20.1
South Butler	.....	.....	.....	4.95	47.5
South Canisteo	49	−15	17.8	3.80	34.0
South Kortright	49	−20	17.9	2.89	14.4
South Schroon	48	−15	14.2	2.87	22.9
Spier Falls	48	−14	16.7	2.82	16.0
Ticonderoga	44	−18	16.4	1.25	13.0
Volusia	45	−7	18.1	2.64	25.4
Wappinger Falls	50	−23	20.7	6.10	38.0
Warwick	.....	.....	.....	4.56	35.0
Watertown	45	−15	15.3	2.61	27.0
Waverly	56	−13	21.2	2.72	15.2
Wedgwood	48	−5	17.6	3.12	22.5
Wells	45	−23	15.6	3.32	30.1
West Berne	48	−17	18.8	3.53	27.0
Westfield	49	−5	20.6	2.59	24.0
Windham	48	−18	19.0	3.95	22.5
North Carolina.					
Brevard	60	2	32.0	5.49	2.0
Brewers	69	4	33.8	3.03	5.0
Bryson City	.....	.....	.....	4.32	8.1
Catawba	.....	.....	.....	2.80	2.4
Chapelhill	67	11	36.4	2.79	
Currituck	.....	.....	.....	2.44	
Eagletown	61	13	34.9	2.72	0.8
Edenton	66	14	37.2	3.70	2.0
Enoree	.....	.....	.....	2.22	
Fayetteville	71	12	40.2	2.44	T.
Goldsboro	72	14	38.1	1.99	T.
Graham	.....	.....	.....	3.37	2.4
Greensboro	69	10	36.2	2.67	1.5
Henderson	60	13	34.8	2.14	1.5
Hendersonville	63	2	34.2	5.20	3.0
Henrietta	70	7	36.9	3.49	0.5
Horse Cove	65	−3	33.2	6.53	5.4
Hot Springs	60	4	34.6	.....	.0
Jefferson	56	−4	29.2	2.61	11.9
Kinston	76	11	40.2	0.85	T.
Lenoir	69	6	34.3	3.50	3.0
Lexington	68	6	34.4	2.65	2.0
Lincolnton	70	8	36.6	.....	
Linville	52	−8	27.3	4.06	12.0
Littleton	69	10	33.9	1.56	1.5
Louisburg	65	10	36.2	2.32	1.0
Lumberton	73	11	38.8	1.96	
Manteo	67	14	39.4	3.12	T.
Marion	67	7	36.2	4.25	4.5
Marshall	59	1	33.0	1.24	11.7
Moncure	69	8	36.4	3.99	T.
Monroe	68	8	37.4	1.69	
Morganton	67	6	34.4	4.38	9.5
Mount Holly	.....	.....	.....	2.66	T.
Murphy	.....	.....	.....	3.99	13.2
Nashville	69	11	37.2	1.90	0.1
Newbern	71	12	40.6	3.10	T.
Patterson[a b]	60	8	29.6	3.15	4.8
Pinehurst	69	13	39.2	2.11	
Pittsboro	71	6	36.6	2.41	
Reidsville	68	9	34.2	3.14	4.5
Rockingham	69[c]	4[c]	35.5[c]	1.59	T.
Rocky Mount	.....	.....	.....	2.27	0.1
Salem	67	9	33.6	3.04	1.0
Salisbury	69	10	34.6[c]	2.98	1.8
Saxon	65	6	34.0	2.98	2.5
Scotland Neck	67	16	38.2	3.03	1.0
Selma	72	.....	.....	3.30	T.
Settle	68	1	37.4	2.96	2.0
Sloan	74	12	40.9	2.72	
Soapstone Mount[c]	66	14	36.8	3.36	T.
Southern Pines	69	13	39.9	2.58	T.
Southport	64	13	43.6	2.05	
Statesville	70	6	34.2	2.88	2.0
Tarboro	71	13	38.2	3.21	1.3
Washington	73	12	41.0	2.85	0.5
Weldon *a*	69	13	35.4	2.41	2.9
Whiteville	76	10	41.8	2.16	
North Dakota.					
Amenia	35	−26	2.0	0.15	1.5
Ashley	42	−36	0.8	0.30	3.0
Berlin	39	−35	2.4	0.19	1.9
Bottineau	30	−31	−2.7	T.	T.
Cando	32	−35	−3.8	0.12	1.2
Churchs Ferry	30	−32	−4.3	0.15	1.5
Coalharbor	36	−29	0.8	0.29	2.9
Cooperstown	32	−32	−1.0	0.10	1.0
Dickinson	42	−26	5.1	0.23	2.5
Donnybrook	32	−30	0.2	0.35	3.5
Dunseith	31	−36	−2.0	0.30	3.0
Edgeley	40	−28	4.8	0.15	1.5
Ellendale	48	−29	6.0	0.20	2.0
Fargo	35	−30	0.1	0.08	0.8
Forman	40	−32	3.8	T.	T.
Fort Berthold	41	−34	3.5	0.30	3.0
Fort Yates	34	−30	6.6	0.15	2.5
Fullerton	38	−32	4.0	0.13	1.3
Glenullin	39	−24	6.0	0.55	4.7
Grafton	34	−28	0.3	T.	T.
Hamilton	35	−33	−1.2	0.71	7.1
Jamestown	33	−32	0.4	0.40	4.0
Kulm	44	−31	3.8	0.28	3.0
Langdon	32	−32	−1.3	.....	.....
Larimore	35	−31	1.3	0.25	2.5
Lisbon	36	−30	4.0	0.10	1.0
McKinney	34	−36	−0.6	0.05	0.5
Manfred	39	−29	0.2	0.66	6.6
Mayville	37	−31	2.1	0.16	1.6
Medora	.....	.....	.....	0.70	7.0
Melville	32	−25	1.0	0.30	3.0
Milton	32	−32	0.0	.....	.....
Minnewaukon	36	−31	0.9	0.00	
Minto	34	−34	−3.9	0.38	3.8
Oakdale	47	−24	6.9	0.65	6.5
Palermo	.....	.....	.....	0.40	4.0
Park River	35	−32	0.8	0.35	3.5
Pembina	34	−36	−5.5	0.68	6.8
Portal	34	−29	0.4	0.20	2.0
Power	38	−33	0.8	0.45	4.5
Rolla	35	−29	0.0	0.45	3.8
Rugby	30	−36	−5.0	0.50	5.0
Sentinel Butte	48	−27	7.8	0.70	7.0
University	36	−26	2.8	0.29	3.0
Wahpeton	39	−20	6.3	0.32	3.2
Walhalla	36	−40	0.0	.....	.....
Westhope	30	−35	−2.0	0.50	3.5
Willow City	30	−36	−5.4	T.	T.
Wishek	36	−33	0.8	0.20	2.0
Ohio.					
Akron	55	−5	20.1	2.04	15.0
Amesville	61	−10	24.8	1.65	12.4
Atwater	.....	.....	.....	1.60	13.0
Bangorville	56	−7	21.1	1.80	9.1
Bellefontaine	54	−11	20.7	1.88	7.9
Benton Ridge	55	−4	22.4	1.58	9.5
Bowling Green	57	−4	21.1	1.78	9.8
Bucyrus	54	−8	21.7	1.42	1.5
Cadiz	56	−3	22.8	2.22	16.9
Cambridge	62	−11	24.0	1.66	9.0
Camp Dennison	57	−9	24.0	1.67	10.8
Canal Dover	54	−10	22.2	2.03	10.0
Canton	54	−6	22.5	1.80	13.5
Cardington	55	−12	20.8	1.56	10.3
Circleville	58	−1	24.9	1.28	4.5
Clarington	61	−5	26.6	2.25	19.2
Clarksville	57	−6	24.2	1.23	8.8
Cleveland *a*	56	−2	23.7	1.84	14.6
Cleveland *b*	56	−3	22.2	1.88	18.1
Clifton	56	−8	23.2	1.20	6.7
Coalton	64	−8	25.0	1.81	12.5
Colebrook	50	−5	20.4	0.57	3.0
Dayton *b*	58	−6	24.4	1.63	9.5
Defiance	58	−6	21.0	1.60	8.3
Delaware	57	−10	22.2	1.80	10.4
Demos	57	−2	23.9	1.92	7.0
Findlay	59	−2	21.6	1.64	4.5
Frankfort	57	−2	26.0	1.30	9.0
Fremont	57	−2	22.8	1.85	8.7
Garrettsville	56	−11	20.6	2.00	11.9
Granville	52	−7	23.2	1.50	12.1
Gratiot	55	−8	23.5	1.91	12.8
Green	58	−2	25.4	2.57	15.0
Greenfield	55	0	25.1	1.29	11.0
Greenhill	47	−17	19.8	1.87	13.8
Greenville	55	−5	22.0	1.90	8.5
Hedges	56	−8	23.2	1.45	5.0
Hillhouse	56	−11	19.8	2.00	11.0
Hiram	53	−2	20.4	1.60	9.5
Ironton	59	1	27.7	2.89	10.0
Jacksonburg	58	−2	24.1	2.32	15.3
Kenton	60	−12	20.2	1.67	5.2
Killbuck	.....	.....	.....	2.17	10.9
Lancaster	65	−5	24.2	1.48	7.0
Lima	46	−5	21.8	2.60	10.5
McConnelsville	60	−7	24.2	1.67	11.4
Manara	57	−1	23.9	1.30	6.0
Mansfield	.....	.....	.....	1.60	11.5

TABLE II.—*Climatological record of voluntary and other cooperating observers*—Continued.

Stations.	Temperature. (Fahrenheit.) Maximum.	Minimum.	Mean.	Precipitation. Rain and melted snow.	Total depth of snow.
Ohio—Cont'd.	°	°	°	*Ins.*	*Ins.*
Marietta	58	— 3	24.0	1.71	5.7
Marion	58	— 6	22.1	2.56	13.9
Medina	58	—16	20.2	1.66	7.0
Milfordton	56	— 8	21.2	1.78	13.0
Milligan	59	—11	24.2	1.62	10.0
Millport	54	—16	20.6	1.67	14.8
Montpelier	53	— 8	19.2	1.51	6.0
Napoleon	49	— 4	22.4	0.78	1.9
Nellie	52	— 5	23.2	1.68	22.4
New Alexandria	59	— 9	22.2	2.55	7.0
New Berlin	55	—10	21.8	1.63	6.5
New Bremen	55	— 9	21.7	1.82	11.3
New Richmond	59	— 5	25.4	1.44	5.0
New Waterford	53	—14	21.4	1.25	11.0
North Lewisburg	54	— 8	21.7	2.30	18.1
North Royalton	56	— 6	21.0	1.64	14.0
Norwalk	59	— 7	22.3	2.08	11.0
Oberlin	58	—11	21.8	1.64	.....
Ohio State University	55	— 4	22.7	1.25	7.8
Orangeville	55	—15	20.2	1.62	8.0
Ottawa	55	— 5	21.1	1.76	20.5
Pataskala	56	— 8	22.8	1.80	12.4
Philo	60	— 3	24.4	1.24	15.3
Plattsburg	57	— 7	22.8	1.94	13.0
Pomeroy	58	1	25.8	1.67	14.6
Portsmouth *b*	61	1	26.8	2.43	14.0
Pulse	59	— 4	24.2	1.79	15.0
Rittman	58	—11	21.2	1.51	6.0
Rockyridge	58	— 5	21.3	1.82	5.6
Shenandoah	55	— 9	20.6	1.42	4.7
Sidney	56	— 5	22.6	1.82	9.9
Somerset	57	— 1	24.0	1.86	21.4
South Lorain	59	—11	22.7	2.91	10.6
Springfield	.....	.....	.....	1.42	7.0
Tiffin	55	— 1	22.4	1.83	8.7
Upper Sandusky	56	— 5	22.2	1.43	8.1
Urbana	53	—10	21.2	1.20	12.2
Vickery	57	— 5	21.8	1.58	3.3
Warren	55	— 6	22.0	1.84	12.0
Wauseon	56	— 7	19.2	1.66	11.7
Waverly	63	— 2	25.2	1.83	11.3
Waynesville	56	— 6	23.2	1.01	13.5
Wellington	56	—10	22.4	1.53	6.5
Willoughby	.....	.....	.....	1.29	5.5
Wilson	61	— 7	24.8	2.14	12.5
Wooster	59	— 8	22.6	1.83	10.0
Zanesville	.....	.....	.....	1.70	9.0
Oklahoma.					
Alva	60	—10	30.0	1.10	10.5
Arapaho	69	— 8	28.4	1.55	6.0
Beaver	60	—13	25.9	0.60	6.0
Binger	66	—10	28.6	1.65	4.0
Blackburn	53	— 7	29.9	5.66	4.5
Busch	65	— 7	29.1	.....	.....
Chandler	68	— 2	29.2	2.22	3.5
Cleo	71[b]	—16[c]	29.4[c]	0.50	5.0
Cloud Chief	65	— 5	32.4	0.70	4.0
Enid	63	—14	25.5	2.95	6.0
Erick	69	— 5	30.7	2.00	2.0
Fort Reno	63	— 6	27.2	2.92	24.5
Fort Sill	67	0	31.2	2.00	2.0
Frederick	70	1	35.5	1.50	0.5
Gage	68	—20	26.6	1.15	9.0
Grand	66	—10	28.0	1.20	7.0
Guthrie	61	— 5	27.9	1.67	3.0
Harrington	68	— 7	28.5	1.10	6.0
Hennessey	63	—10	26.6	2.06	6.0
Hobart	68	— 2	31.2	1.45	3.0
Jefferson	55	—13	23.4	0.60	6.0
Jenkins	68	—10	26.8	1.58	6.0
Kenton	65	—20	30.4	0.60	6.0
Kingfisher	63	— 8	28.6	1.80	4.5
McComb	68	— 1	30.6	0.81	T.
Mangum	68	2	32.8	2.00	4.0
Meeker	69	0	29.7	2.13	T.
Newkirk	59	—12	25.5	1.50	6.0
Norman	67	— 3	30.2	2.02	.....
Okeene	68	—11	27.6	1.88	5.0
Perry	61	— 8	26.1	1.50	5.5
Shawnee	71	0	31.4	1.51	1.8
Stillwater	64	— 6	26.0	1.79	4.0
Taloga	64	—13	25.6	0.70	7.0
Temple	69	1	34.2	1.56	.....
Waukomis	68	—10	29.0	1.30	6.5
Weatherford	64	— 7	27.4	1.49	2.6
Whiteagle	62	—12	25.6	1.24	7.0
Woodward	.....	.....	.....	0.60	6.0
Oregon.					
Albany	.....	.....	.....	4.55	2.0
Alpha	62	18	41.1	7.85	
Arlington	55	14	34.0	2.54	7.0
Ashland	62	18	42.2	0.73	
Astoria	57	29	42.4	9.22	2.6
Aurora (near)	55	21	39.7	3.89	1.2
Bay City	57	25	43.4	8.87	1.0
Bend	52	— 6	30.8	2.83	17.8
Beulah	45	— 5	24.6	0.95	9.5
Blackbutte	54	22	40.8	3.65	
Oregon—Cont'd.	°	°	°	*Ins.*	*Ins.*
Blalock	55	16	35.4	1.73	6.5
Bullrun	.....	.....	.....	5.89	6.0
Burns	49	— 4	28.2	1.94	23.0
Butter Creek	.....	.....	.....	1.29	4.0
Cascade Locks	51	22	36.8	5.66	5.0
Coquille	.....	.....	.....	8.19	
Corvallis	59	19	40.2	4.97	1.5
Dayville	61	10	36.4	1.90	2.2
Doraville	51	18	36.8	3.60	5.5
Drain	63	21	42.1	3.87	
Ella	.....	.....	.....	2.29	5.0
Eugene	57	23	39.5	3.62	T.
Fairview	66	22	46.2	7.18	
Falls City	55	20	37.6	10.34	7.0
Forestgrove	59	20	38.0	3.57	9.0
Gardiner	62	27	43.1	7.48	
Glendale	65	24	42.0	4.65	
Glenora	50	19	36.0	12.66	10.0
Gold Beach	62	31	48.8	12.87	.....
Government Camp	47	5	29.7	4.86	26.0
Grants Pass	71	19	41.6	4.30	
Grass Valley	44	— 8	28.0	0.76	6.5
Hood River	53	17	34.8	4.32	29.0
Huntington	49	10	29.8	2.65	14.0
Jacksonville	60	19	41.6	1.59	
John Day	65	9	34.6	0.88	2.5
Joseph	52	0	26.4	0.18	0.5
Kerby	65	19	41.8	10.16	
Klamath Falls	53[i]	8[i]	36.0[i]	1.60	T.
Lagrande	52	2	33.6	1.32	2.0
Lakeview	47	9	31.1	1.67	1.0
Lonerock	60	— 2	31.4	1.27	10.5
McKenzie Bridge	56	15	38.4	5.24	2.5
McMinnville	55	25	40.8	5.40	7.0
Marshfield	65	25	46.7	7.47	
Meacham	.....	.....	.....	1.25	4.2
Monroe	61	19	40.2	5.31	4.5
Mount Angel	58	22	40.4	4.33	1.5
Nehalem	.....	.....	.....	8.88	5.5
Newport	60	28	45.3	5.44	T.
Ontario	.....	.....	.....	1.07	12.5
Paisley	56	10	36.7	.....	.....
Pendleton	58	15	33.8	1.38	2.8
Pine	44	—10	24.2	2.63	8.0
Prineville	53	2	30.6	1.87	T.
Riverside	50	— 2	27.6	2.10	21.0
Salem	56	22	40.5	4.71	3.0
Sparta	45	4	27.8	1.79	15.0
Stafford	55	24	39.4	4.41	1.0
The Dalles	54	21	35.5	3.27	17.8
Toledo	62	24	43.7	6.68	T.
Umatilla	56	11	34.8	1.31	2.5
Vale	46	— 4	27.5	3.31	13.0
Wallowa	48	— 1	26.8	1.05	4.7
Wamic	51	— 1	29.0	1.95	23.0
Warm Spring	55	6	32.7	2.01	13.7
Weston	58	6	31.0	1.73	1.8
Williams	72	17	44.4	2.59	
Pennsylvania.					
Aleppo	59	—15	24.1	3.48	23.0
Altoona	59	— 9	22.2	3.23	.....
Beaver Dam	.....	.....	.....	2.47	.....
Bellefonte	55	— 1	25.0	3.42	13.5
Brookville	.....	.....	.....	3.24	27.0
Browers	.....	.....	.....	4.50	.....
California	61	— 5	26.2	2.50	19.0
Cassandra	56	—14	21.4	2.97	27.0
Centerhall	55	— 5	20.4	2.07	17.3
Clarion	.....	.....	.....	3.30	26.8
Claysville	69	—12	24.7	2.68	17.5
Clearfield	.....	.....	.....	2.70	17.2
Coatsville	55	— 4	26.2	7.25	40.4
Confluence	.....	.....	.....	3.94	.....
Coudersport	48	—15	18.8	.....	20.0
Davis Island Dam	.....	.....	.....	1.89	.....
Derry	58	—15	24.3	3.54	29.5
Doylestown	.....	.....	.....	4.21	.....
Dushore	53	—14	20.7	4.42	20.6
East Mauch Chunk	57	— 3	23.6	5.39	17.5
Easton	50	— 1	25.5	4.70	23.2
Ellwood Junction	.....	.....	.....	1.72	6.2
Emporium	52	—10	22.8	3.03	15.8
Ephrata	59	— 3	26.0	4.49	20.6
Everett	61	— 4	23.3	2.56	10.0
Forks of Neshaminy	.....	.....	.....	3.20	.....
Franklin	55	—18	21.2	2.97	16.0
Freeport	59	—14	23.2	2.79	18.6
Gettysburg	62	— 2	27.6	4.37	16.8
Girardville	.....	.....	.....	6.29	3.8
Gordon	55	—14	22.6	7.55	27.0
Grampian	45	—20	18.7	3.00	20.0
Greensboro	.....	.....	.....	2.76	21.5
Greenville	55	—10	21.0	2.89	20.5
Hamburg	57	0	26.4	5.05	22.0
Hanover	61	— 2	27.8	4.30	21.8
Herrs Island Dam	.....	.....	.....	2.50	17.2
Huntingdon *b*	61	— 8	25.8	3.28	13.0
Indiana	56	—10	21.7	3.37	28.8
Pennsylvania—Cont'd.	°	°	°	*Ins.*	*Ins.*
Irwin	59	—12	25.0	2.90	20.0
Johnstown	60	—12	25.0	4.21	30.0
Keating	.....	.....	.....	3.37	
Kennett Square	63	— 3	28.0	3.55	24.7
Lansdale	.....	.....	.....	4.67	.....
Lawrenceville	55	—16	19.7	1.95	19.0
Lebanon	59	— 5	25.8	4.85	22.6
Leroy	51	— 6	19.7	4.05	16.0
Lewisburg	59	— 8	24.8	4.50	19.5
Lockhaven *a*	57	— 6	24.6	3.42	14.5
Lock No. 4	.....	.....	.....	2.28	.....
Lycippus	56	— 6	23.8	4.58	38.4
Marion	59	— 6	26.1	4.37	24.0
Mifflin	.....	.....	.....	3.90	18.2
Mifflintown	59	— 3	25.4	3.66	15.8
Milford	55	— 7	21.8	.....	.....
Montrose	50	— 8	18.8	3.05	.....
New Germantown	63	— 3	26.4	3.98	16.2
Oil City	.....	.....	.....	3.46	22.0
Ottsville	.....	.....	.....	4.76	.....
Parker	.....	.....	.....	2.92	22.5
Philadelphia	58	5	30.4	3.63	12.0
Pocono Lake	50	—12	20.8	4.08	29.0
Point Pleasant	.....	.....	.....	3.94	.....
Pottsville	.....	.....	.....	5.21	.....
Quakertown	56	— 6	26.6	5.42	27.3
Reading	58	— 6	26.9	4.80	26.1
Saegerstown	59	—11	21.7	2.14	15.5
St. Marys [d]	49	— 8	19.2	2.50	21.0
Saltsburg	.....	.....	.....	3.20	28.0
Seisholtzville	.....	.....	.....	5.03	.....
Selinsgrove	61	— 7	24.8	4.29	19.0
Shawmont	.....	.....	.....	2.99	12.0
Skidmore	57[c]	—15[c]	20.8[c]	2.46	12.0
Smethport [e]	51	—21	18.3	3.42	.....
Smiths Corners	.....	.....	.....	4.32	.....
Somerset	52	—18	19.8	4.80	34.9
South Eaton	55	— 5	22.9	3.52	26.0
Springmount	.....	.....	.....	4.86	.....
State College	49	— 5	22.2	3.19	16.2
Swarthmore	58	0	28.2	.....	.....
Towanda	54	—11	21.0	2.62	13.6
Uniontown	60	— 8	24.7	3.64	29.3
Warren	52	— 5	20.8	3.47	29.2
Wellsboro	51	— 8	21.3	.....	16.9
Westchester	57	0	27.2	5.00	19.2
West Newton	.....	.....	.....	2.90	20.0
Wilkesbarre	52	— 3	24.4	4.57	23.0
Williamsport	53	— 2	24.8	4.55	10.8
Rhode Island.					
Bristol	48	7	26.2	3.28	16.5
Kingston	49	— 1	23.9	4.37	13.0
Narragansett	51	0	25.8	2.96	9.5
Pawtuckett	50	2	29.6	1.98	8.0
Providence *a*	49	7	26.4	4.66	21.5
South Carolina.					
Aiken	69	10	41.8	2.00	
Allendale	56	.....	.....	1.00	
Anderson	.....	.....	.....	2.22	
Barksdale	62	9	38.1	2.12	T.
Batesburg	66	12	40.0	2.02	T.
Beaufort	70	17	47.3	1.84	
Blackville	71	14	41.8	1.19	
Bowman	74	14	43.8	1.50	T.
Calhoun Falls	.....	.....	.....	3.60	
Cheraw *a*	71	13	39.0	1.31	
Clarks Hill	68	12	41.8	1.57	
Clemson College	55	16	35.4	3.62	
Conway	76	12	41.4	2.65	
Dillon	74	10	41.6	1.40	T.
Duewest	63	11	40.1	2.36	
Edisto	.....	.....	.....	3.90	
Effingham	.....	.....	.....	1.30	
Florence	75	15	40.3	1.71	T.
Gaffney	70	9	36.8	2.88	1.0
Georgetown	74	18	43.8	1.80	T.
Greenville	65	8	33.6	4.09	1.0
Greenwood	64	13	37.3	1.55	
Heath Springs	66	11	36.8	1.87	T.
Kingstree *a*	73	16	45.6	1.20	
Liberty	65	9	37.3	4.20	0.5
Little Mountain	68	12	40.4	1.48	T.
Lugoff	68	10	40.2	1.70	T.
Newberry	67	12	39.2	1.47	T.
Pelzer	.....	.....	.....	2.67	0.3
Pinopolis * [1]	72	16	43.0	1.65	
St. George	72	14	41.0	0.30	
St. Matthews	71	13	41.0	1.92	
Saluda	68	11	39.0	1.60	
Santuck [1]	57	10	37.6	0.86	
Seivern	74	11	40.0	1.66	T.
Smiths Mills	.....	.....	.....	2.60	
Society Hill	63	15	39.7	2.13	
Spartanburg	70	10	36.6	2.78	0.4
Statesburg	73	14	43.6	1.63	T.
Summerville	74	14	43.8	1.55	0.1
Trenton	65	10	41.4	1.75	
Trial	70	10	42.5	2.42	

TABLE II.—*Climatological record of voluntary and other cooperating observers*—Continued.

Stations.	Temperature. (Fahrenheit.) Maximum.	Minimum.	Mean.	Precipitation. Rain and melted snow.	Total depth of snow.
	°	°	°	Ins.	Ins.
South Carolina—Cont'd.					
Walhalla	72	9	39.0	4.84	T.
Walterboro	77	14	46.4	1.59	
Winnsboro	65	12	39.6	2.30	
Winthrop College	66	10	38.2	2.03	T.
Yemassee	76	14	43.6	1.83	
Yorkville	69	12	38.9	2.06	T.
South Dakota.					
Aberdeen	45	−30	6.6	0.35	.....
Academy	48	−22	12.4	0.57	6.5
Alexandria	43	−30	9.0	0.85	6.5
Armour	46	−31	10.8	0.74	7.4
Ashcroft	45	−22	12.0	0.70	7.0
Bowdle	44	−24	7.0	0.45	4.5
Brookings	38	−30	5.6	0.22	.....
Canton	53	−34	8.8	.....	.....
Cavite	52	−29	11.2	0.68	.....
Centerville	.....	.....	.....	1.52	15.5
Chamberlain	43	−23	11.2	0.63	8.8
Cheyenne	50	−26	10.8	0.50	4.0
Clark	46	−33	5.4	0.68	7.0
Clear Lake	40	−24	6.6	0.13	.....
DeSmet	41	−28	9.2	0.70	7.0
Doland	38	−34	5.0	0.31	4.4
Elkpoint	58	−30	11.0	1.40	16.0
Fairfax	62	−22	14.8	0.79	12.0
Farmingdale	.....	.....	.....	0.45	5.0
Faulkton	42	−26	8.0	0.28	5.5
Flandreau	37	−28	5.8	0.59	6.0
Forestburg	43	−33	6.6	0.59	5.9
Fort Meade	57	−13	18.2	0.97	.....
Gannvalley	39	−28	9.4	0.55	6.0
Grand River School	47	−31	7.7	0.14	2.7
Greenwood	52	−27	14.1	1.23	12.3
Herreid	44	−35	3.7	0.03	0.3
Highmore	43	−25	9.0	0.60	6.0
Hotch City	58	−25	10.4	0.23	8.0
Howard	41	−31	7.4	0.30	4.5
Howell	41	−26	7.0	0.22	2.3
Ipswich	45	−29	5.4	.....	.....
Kidder	46	−36	2.8	.....	.....
Kimball	46	−29	8.0	0.25	1.7
Leola	42	−26	6.3	0.35	2.5
Leslie	60	−19	13.8	0.40	4.0
Marion	46	−32	8.6	0.90	16.0
Menno	49	−32	9.8	0.55	7.7
Mil'bank	40	−26	4.6	0.60	5.2
Mitchell	42	−29	9.3	0.81	7.5
Oelrichs	50	−24	16.1	0.90	9.0
On-the-Trees Camp	52	−23	10.8	0.28	3.7
Pine Ridge	52	−28	15.9	0.36	9.5
Ramsey	43	−37	6.8	0.58	6.5
Redfield	41	−30	4.6	0.21	2.5
Silver City	.....	.....	.....	0.70	7.0
Sioux Falls	44	−28	8.6	0.66	9.0
Sisseton Agency	38	−25	6.8	0.25	2.5
Spearfish	52	−10	20.0	1.62	18.0
Stephan	40	−29	7.9	0.66	7.0
Tyndall	50	−26	10.6	0.62	.....
Vermillion	50	−27	11.2	0.85	10.0
Watertown	33	−29	4.9	0.75	.....
Wentworth	30	−27	7.0	0.49	.....
Wolsey	.....	.....	.....	0.44	4.5
Tennessee.					
Andersonville	60	2	30.2	2.65	11.5
Ashwood	65	−2	32.0	4.15	6.5
Benton	66	3	33.2	3.38	1.3
Bluff City	.....	.....	.....	2.36	6.5
Bolivar	65	3	30.3	4.86	7.0
Byrdstown	64	−5	30.1	3.66	28.2
Carthage	.....	.....	.....	2.14	9.3
Catlettsburg	.....	.....	.....	3.20	8.0
Cedar Hill	66	−4	29.4	4.05	16.5
Celina	.....	.....	.....	1.93	11.0
Charleston	.....	.....	.....	3.63	1.5
Clarksville	65	−3	30.0	3.55	16.2
Clinton	.....	.....	.....	2.88	14.0
Covington	63	3	31.5	4.32	4.0
Decatur	65	1	33.2	3.86	5.5
Dickson	66	−3	30.0	4.95	16.5
Dover	75	−3	30.8	3.30	16.5
Dyersburg	66	2	30.2	1.92	1.5
Elizabethton	67	2	31.1	2.91	12.3
Florence	63	−2	31.8	3.87	12.5
Franklin	61	−3	30.3	3.67	13.5
Greeneville	58	0	31.5	3.04	10.3
Halls Hill	.....	.....	.....	3.25	8.9
Harriman	60	1	31.4	2.55	10.5
Hohenwald	66	2	29.3	4.73	6.8
Iron City	63	1	32.6	5.61	5.5
Isabella	58	0	32.5	4.29	7.2
Jackson	67	1	33.2	3.48	3.0
Johnsonville	68	−2	31.4	3.50	10.7
Jonesboro	58	1	30.4	2.35	10.5
Kenton	67	0	31.4	3.00	12.5
Kingston	.....	.....	.....	2.13	11.2
Lafayette [e]	65	−6	29.2	2.44	16.3
Leadvale	.....	.....	.....	2.84	10.0
Lewisburg	65	0	33.0	4.21	8.1
Tennessee—Cont'd.					
Liberty	63[c]	−2[e]	30.4[e]	2.79	9.5
Loudon	.....	.....	.....	3.33	9.0
Lynnville	61	−1	30.6	3.05	T.
McGee	.....	.....	.....	3.59	10.9
McMinnville	66	−4	32.6	2.44	14.8
Maryville	65	3	32.8	3.80	13.2
Newport	59	4	31.5	2.95	8.0
Nunnelly	69[f]	2[f]	32.2[f]	3.50	.....
Palmetto	63	−2	32.6	3.58	4.0
Pope	67	0	33.4	4.61	5.5
Rogersville	62	2	31.1	3.02	4.5
Rotherwood	.....	.....	.....	3.34	8.4
Rugby	66	−7	28.5	5.60	36.0
Savannah	67	2	34.0	4.24	6.0
Sewanee	61	−6	30.4	2.30	10.5
Silver Lake	60	−4	27.3	4.21	27.0
Springdale	61	−1	29.8	3.55	13.5
Springville	67	−2	31.0	3.29	13.0
Tazewell	.....	.....	.....	3.46	19.9
Tellico Plains	67	3	35.0	3.42	4.7
Tracy City	60	−6	30.0	4.77	14.5
Trenton	64	1	33.1	4.58	9.0
Tullahoma	62	−2	32.1	2.84	5.3
Walling	.....	.....	.....	2.38	7.5
Wildersville	62	3	32.2	3.02	5.8
Yukon	63	−1	33.4	3.80	.....
Texas.					
Albany	78	9	39.1	0.50	
Alvin	.....	.....	.....	3.22	
Arthur	.....	.....	.....	2.66	
Athens	73	12	42.7	2.50	T.
Austin	75	20	49.2	1.66	
Ballinger	71	12	40.6	0.11	
Beaumont	75	23	49.8	6.94	
Beeville	86	26	52.8	0.66	
Bigspring	73	15	41.0	0.45	T.
Blanco	76	17	45.2	0.97	
Boerne	72	18	47.5	.....	
Bonham	70	10	39.1	2.25	
Booth	.....	.....	.....	1.61	
Bowie	73	4	35.9	1.32	
Brazoria	76	25	53.2	3.88	
Brenham	73	21	46.8	1.60	
Brighton	75	29	55.2	0.71	
Burnet	78	15	45.6	1.04	
Channing	68	−9	31.7	0.70	7.0
Childress	69	3	33.8	0.43	0.5
Clarksville	67	12	36.7	4.40	T.
Claude	65	1	30.4	0.90	9.0
Claytonville	73	8	38.8	0.21	
Coleman	77	11	43.6	0.25	
College Station	76	20	48.8	0.22	
Colorado	74	10	41.0	0.30	
Columbia	75[d]	25[e]	52.0[e]	3.98	
Columbus	.....	.....	.....	1.30	
Comanche	73	9	41.2	0.92	2.0
Corsicana	74	15	43.0	1.94	
Cotulla	72	20	48.1	0.67	
Crockett	71	18	46.8	2.44	
Cuero	79	24	52.0	1.60	
Dallas	73	12	38.7	3.05	
Danevang	82	22	52.4	1.95	
Decatur	71	7	37.2	0.78	
Dialville	70	17	42.9	3.21	
Duval	82	16	47.3	1.04	
Fort Brown	82	30	59.9	1.61	
Fort Clark	77	20	50.6	0.10	
Fort Davis	71	13	44.4	0.07	T.
Fort McIntosh	85	23	55.8	0.50	
Fort Ringgold	91	16	59.4	0.13	
Fort Stockton	77	14	43.9	T.	
Fredericksburg	75[e]	16[e]	46.0[e]	1.01	
Gainesville	72	8	33.5	1.37	
Gatesville	73	15	44.8	1.65	
Georgetown	77	16	46.3	0.79	
Gonzales	.....	.....	.....	2.01	
Graham	73	9	38.0	0.82	1.0
Grapevine	74	10	40.1	2.23	1.5
Greenville	71	11	40.2	3.39	T.
Hale Center	68	11	39.6	0.27	2.7
Hallettsville	76	24	51.0	2.30	T.
Haskell	79	8	36.9	0.54	
Hearne	77	16	44.8	2.01	
Hempstead	.....	.....	.....	2.10	
Henrietta	61[i]	6[i]	32.6[i]	0.50	
Hereford	58[i]	−9[i]	29.2[i]	1.00	3.0
Hewitt	.....	.....	.....	1.07	T.
Hillsboro	71	12	41.2	2.42	
Hondo	75	21	51.0	1.35	
Houston	74	24	50.8	2.25	
Huntsville	74	20	45.5	2.29	
Ira	.....	.....	.....	0.52	
Jefferson	71	17	40.9	4.11	
Jewett	70	18	42.8	1.92	
Kaufman	70	13	41.6	3.02	
Kerrville	78	18	48.9	0.65	
Knickerbocker	75	12	43.4	0.20	
Kopperl	.....	.....	.....	3.70	
Texas—Cont'd.					
Lampasas	74	15	41.9	0.78	
Lapara	.....	.....	.....	0.60	
Laureles Ranch	.....	.....	.....	0.91	
Liberty	.....	.....	.....	2.60	
Llano	.....	.....	.....	T.	
Longlake	.....	.....	.....	2.92	
Longview	72	18	35.9	4.04	
Luling	77	22	47.6	1.43	
Mann	74	14	43.4	1.34	T.
Marlin	76	14	43.1	1.07	
Menardville	80	10	42.7	0.00	
Mexia	70	16	42.6	1.58	
Mount Blanco	68	6	35.2	1.00	T.
Nacogdoches	74	17	42.8	3.19	
New Braunfels	76	21	49.0	1.77	
Orange	.....	.....	.....	5.20	
Panter	.....	.....	.....	1.11	
Paris	.....	.....	.....	0.55	
Pearsall	80	23	52.4	0.46	
Port Lavaca	74	25	52.0	2.26	
Quanah	71	6	35.2	0.40	4.0
Rhineland	63	5	34.2	0.58	5.8
Riverside	.....	.....	.....	2.53	
Rockisland	75	22	50.8	1.88	
Rockland	73	36	50.4	3.78	
Rockport	68	30	52.8	1.76	
Runge	.....	.....	.....	0.86	
Sabinal	78	21	49.2	1.32	
San Saba	72	14	44.2	0.55	T.
Santa Gertrude	.....	.....	.....	0.27	
Sherman	68	12	37.3	3.41	
Sonora	78	13	45.0	0.02	T.
Sugarland	75	23	48.8	2.14	
Sulphur Springs	68	13	39.0	3.39	
Temple *a*	72	13	41.9	1.15	
Temple *b*	75	14	42.2	0.94	
Texline	64	15	30.6	0.50	5.0
Tilden	90[f]	25[f]	56.9[f]	0.45	
Trinity	74	19	46.8	1.80	
Tulia	65	−5	33.0	0.68	4.0
Tyler	68	17	40.2	3.35	
Victoria	77	25	53.0	3.84	
Waco	84	17	46.2	1.61	
Waxahachie	75	12	39.4	3.40	T.
Weatherford	69	9	37.3	1.93	
Wichita Falls	.....	.....	.....	1.37	
Utah.					
Alpine	.....	.....	.....	0.79	.....
Aneth	50	10	30.3	1.67	.....
Beaver	60	0	31.8	0.06	0.6
Blackrock	59[d]	−5	28.2	0.48	4.8
Blacksmith Forks	.....	.....	.....	1.20	12.0
Callao	68	0	28.4	0.05	1.0
Castledale	45	−5	18.7	0.50	.....
Castle Rock	.....	.....	.....	0.65	3.0
Corinne	60	−1	29.6	0.35	2.5
Coyoto	63	−9	28.2	0.47	4.7
Deseret	60	−10	26.8	0.42	8.0
Emery	45	−2	24.2	0.08	0.8
Escalante	46	3	25.4	1.40	14.0
Experiment Farm	62	13	40.6	.....	.....
Farmington	58	6	31.4	1.47	7.0
Fillmore	71	4	35.2	0.90	.....
Fort Duchesne	40[g]	−22	15.8[d]	0.50	5.0
Frisco	59	12	36.6	0.66	6.8
Garrison	59	0	30.8	0.37	3.7
Giles	51	−8	27.6	0.47	3.5
Government Creek	54	3	30.1	0.64	6.0
Green River	51	−14	27.6	0.40	4.0
Heber	49	−16	21.2	1.22	10.5
Henefer	55	−13	25.6	1.09	5.0
Hite	56	17	36.4	0.76	.....
Huntsville	.....	.....	.....	1.79	5.0
Ibapah	60	−10	26.9	0.27	2.8
Indianola	.....	.....	.....	0.99	.....
Kanab	51	4	29.7	2.10	.....
Kelton	46	−3	24.8	0.30	3.2
La Sal	47	7	25.8	0.99	.....
Levan	48	1	26.0	0.91	10.6
Loa	55	−8	22.7	0.30	3.0
Logan	49	4	27.7	0.40	.....
Manti	54	−5	24.8	0.85	8.5
Marysvale	61	1	30.6	0.49	4.9
Meadowville	42	0	25.7	2.30	17.0
Millville	.....	.....	.....	1.70	.....
Minersville	59	−4	32.0	0.60	6.0
Moab	46	−4	28.8	1.90	19.0
Morgan	52	−8	26.3	0.84	4.4
Mount Nebo	56	5	30.3	0.61	6.0
Mount Pleasant	59	2	29.2	0.80	8.0
Nephi	.....	.....	.....	0.79	12.5
Ogden	54	10	30.4	1.20	0.5
Parowan	55	0	31.4	0.52	6.3
Payson	.....	.....	.....	1.40	12.5
Pinto	57	−4	30.8	0.64	7.8
Plateau	54	−5	29.0	0.63	6.9
Promontory*[1]	45	−4	27.4	0.24	2.5
Provo	60	−5	30.4	1.42	10.9

TABLE II.—*Climatological record of voluntary and other cooperating observers*—Continued.

Stations.	Temperature. (Fahrenheit.) Maximum.	Minimum.	Mean.	Precipitation. Rain and melted snow.	Total depth of snow.
	°	°	°	Ins.	Ins.
Utah—Cont'd.					
Ranch	52	— 7	27.8	3.15	.....
Randolph	.....	.....	.....	0.70	10.0
Rockville	64	16	42.8	1.45	.....
St. George	63	12	42.4	1.60	.....
Salt Air	48	9	30.5	0.38	1.0
Scipio	69	— 4	29.8	0.67	3.7
Snowville	57	— 5	27.1	0.33	.....
Soldier Summit	38	—10	19.7	0.59	9.0
Thistle	57	—13	26.4	0.97	8.7
Tooele	55	10	32.3	1.02	.....
Utah Lake	52	—10	28.6	0.51	1.4
Wellington	46	—11	23.9	0.60	6.0
Woodruff	53[1]	—10[1]	26.7[1]	0.40	4.0
Vermont.					
Burlington	48	— 8	17.0	1.28	9.0
Cavendish	47	—15	15.6	2.66	14.5
Chelsea	42	—16	12.3	1.50	17.0
Chittenden	.....	.....	.....	2.54	25.4
Cornwall	44	—12	16.0	0.96	8.0
Enosburg Falls	50	—28	11.2	1.82	16.5
Jacksonville	32	—19	10.8	6.90	61.0
Manchester	50	—13	16.4	3.14	20.2
Morrisville	47	—26	13.3	3.24	25.9
Norwich	47	—24	12.4	2.24	14.0
St. Johnsbury	49	—28	13.1	1.30	16.0
Wells	48	—12	14.2	1.74	13.0
Woodstock	54	—22	13.3	2.00	19.0
Virginia.					
Ashland	64	— 2	31.5	1.54	7.0
Barboursville	67	2	33.0	3.47	11.0
Bedford	68	5	35.2	2.07	4.5
Bigstone Gap	57	— 2	29.7	3.57	18.2
Blacksburg	59	2	28.9	2.89	7.5
Buchanan	.....	.....	.....	3.47	6.0
Burkes Garden	52	—10	25.0	2.60	15.0
Callaville	66	8	36.1	2.56	1.5
Charlottesville	69	6	33.4	1.99	6.0
Clarksville	.....	.....	.....	2.68	3.0
Columbia	69	0	32.4	2.91	6.0
Dale Enterprise	67	3	28.5	3.54	17.0
Danville	.....	.....	.....	3.18	3.0
Dinwiddie	68	— 1	34.1	2.57	5.0
Elk Knob	54	— 6	28.6	3.64	22.0
Farmville	60	8	35.2	2.66	4.5
Fredericksburg	67	— 3	31.2	2.96	14.3
Grahams Forge	56	1	29.6	2.66	7.2
Hampton	63	8	36.4	3.37	4.9
Hot Springs	55	— 2	25.0	3.37	10.5
Howardsville	.....	.....	.....	2.43	3.0
Ivanhoe	.....	.....	.....	2.57	2.8
Lexington	66	6	31.1	2.84	8.4
Lincoln	64	—13	25.3	3.17	5.0
McDowell	58	—15	25.4	0.72	7.0
Mendota	.....	.....	.....	3.71	13.3
Newport News	62	12	36.2	3.20	2.5
Petersburg	68	11	35.8	2.88	5.2
Radford	.....	.....	.....	1.34	10.0
Randolph	.....	.....	.....	3.78	5.0
Riverton	.....	.....	.....	2.73	.....
Roanoke	67	5	34.4	3.58	7.5
Rockymount	.....	.....	.....	3.17	4.0
Saxe	70	0	34.2	2.50	2.8
Shenandoah	.....	.....	.....	1.81	12.5
Speers Ferry	.....	.....	.....	3.95	18.0
Spottsville	68	5	35.4	4.04	2.8
Staunton	64	7	31.4	3.03	12.0
Stephens City	63	— 5	49.0	2.70	.....
Warsaw	62	5	32.1	1.58	8.0
Wilkerson	65	— 3	31.4	3.15	8.2
Williamsburg	65	3	34.0	3.72	5.0
Woodstock	68	— 2	29.2	3.24	13.9
Wytheville	57	0	28.8	2.44	12.9
Washington.					
Aberdeen	55	21	40.2	12.21	8.0
Anacortes	55[1]	24[1]	40.6[1]	2.72	
Ashford	.....	.....	.....	3.29	2.0
Bellingham	59	20	40.2	2.80	
Blaine	54	20	38.0	5.46	
Brinnon	55	23	38.4	12.86	9.0
Cedonia	41	3	26.4	2.12	11.2
Centralia	53	16	38.2	3.30	8.0
Cheney	52	10	32.2	3.23	11.0
Clearbrook	49	10	35.6	4.74	
Clearwater	52	24	39.2	13.02	1.5
Cle Elum	47	— 6	27.6	2.82	21.0
Colfax	52	9	34.4	1.86	1.0
Colville	46	— 8	26.6	2.79	10.8
Conconully	43	— 9	24.4	1.70	11.9
Coupeville	57	24	40.2	1.56	1.8
Crescent	48	0	27.8	2.01	8.5
Cusick	40[c]	—14[c]	22.0[c]	1.44	6.9
Danville	45	— 8	24.2	1.84	9.3
Dayton	62	16	34.0	1.10	4.5
East Sound	56	22	39.8	2.96	1.0
Ellensburg	47	— 7	27.6	1.81	17.0
Ephrata	50	7	30.5	2.35	13.0
Grandmound	53[f]	15[g]	37.0[g]	4.84	8.0
Granite Falls	.....	.....	.....	5.38	
Washington—Cont'd.					
Horseheaven	.....	.....	.....	1.95	14.2
Ilwaco	55	25	42.7	9.95	1.0
Lacenter	52	19	37.8	3.85	2.5
Lakeside	47	4	29.8	1.79	16.4
Lester	49	12	34.4	3.96	19.0
Lind	49	10	32.0	1.94	7.3
Loomis	38	4	25.2	.....	.....
Mottinger Ranch	55	13	34.7	1.27	4.0
Mount Pleasant	55	22	38.0	3.12	T.
Moxee	52	6	32.0	1.19	4.8
Northport	43	— 6	26.2	.....	10.9
Odessa	50	11	32.0	1.20	
Olga	55	26	40.6	2.95	1.0
Olympia	53	16	38.2	6.14	8.0
Pinehill	52	19	34.1	3.88	23.5
Pomeroy	56	13	33.9	1.26	0.7
Port Townsend	53	27	41.0	1.11	1.0
Pullman	49[c]	10[f]	32.4[f]	1.68	8.0
Rattlesnake	46	7	27.1	3.97	10.2
Republic	42	—14	23.4	1.99	9.0
Ritzville	.....	.....	.....	0.64	1.5
Rosalia	52	14	31.8	1.88	4.4
Sedro	56	19	38.6	3.39	
Snohomish	52	17	38.1	4.54	T.
Snoqualmie	51	22	37.8	4.15	
Southbend	62	25	42.2	.....	4.0
South Ellensburg	46	— 6	27.6	1.75	20.0
Sprague	.....	.....	.....	3.50	7.0
Sunnyside	59	7	31.3	0.87	2.7
Trinidad	46	7	29.4	1.45	9.5
Twisp	42	—16	21.2	2.28	24.0
Union	57	19	37.8	14.26	12.5
Vancouver	58	21	39.0	4.46	4.0
Vashon	53	26	40.0	6.33	6.5
Wahluke	54	12	33.4	0.84	2.7
Waterville	41	— 1	24.2	3.29	29.7
Wenatchee (near)	44	2	27.5	2.47	24.0
Wilbur	40	— 2	26.9	2.68	4.9
Zindel	64	18	37.8	0.48	0.8
West Virginia.					
Bancroft	65	— 1	27.8	2.30	23.0
Bayard	54	— 9	22.4	3.38	33.8
Bens Run	60	— 3	25.6	2.49	21.0
Bluefield	58	— 4	27.8	3.43	34.0
Buckhannon	60	—14	24.2	3.55	33.2
Burlington	63	2	27.0	2.45	21.0
Cairo	63	—14	25.8	3.26	21.0
Central	61	—12	24.4	3.19	20.0
Charleston	64	2	31.2	3.43	9.0
Creston	62	— 8	24.9	1.83	11.3
Cuba	62	—10	24.4	2.46	22.2
Doane	70	— 3	29.6	3.70	22.0
Elkhorn	61	— 2	29.4	3.36	26.0
Fairmont	.....	.....	.....	3.53	22.5
Glenville	64	— 6	27.0	4.05	26.0
Grafton	59	— 6	25.7	3.28	26.2
Green Sulphur Springs	60	— 5	25.7	1.56	11.0
Harpers Ferry	.....	.....	.....	4.89	18.2
Hinton	.....	.....	.....	2.49	11.3
Huntington	61	0	26.1	2.30	14.0
Leonard	53	— 6	24.5	3.61	26.0
Lewisburg	58	— 4	27.8	3.21	14.0
Logan	60	2	31.4	5.00	22.0
Lost Creek	59	—12	22.7	3.35	20.0
Mannington	59	—10	25.9	3.61	23.9
Martinsburg	64	— 1	28.0	3.70	13.0
Moorefield	68	— 9	30.0	2.05	23.0
Morgantown	58	— 5	25.6	3.48	25.5
Moundsville	58	— 7	26.2	1.78	14.0
New Cumberland	58	— 8	23.6	1.48	14.0
New Martinsville	60	— 6	27.4	2.42	12.1
Nuttallburg	62	2	26.2	3.55	34.0
Philippi	60	— 8	26.2	3.02	22.6
Pickens	57	— 6	23.2	4.98	50.0
Point Pleasant	54	— 1	27.8	2.22	11.0
Princeton	56	— 4	28.7	4.80	34.0
Romney	64	2	26.5	2.03	11.8
Rowlesburg	.....	.....	.....	3.98	32.2
Ryan	62	— 9	25.6	2.72	20.0
Smithfield	60	— 9	24.2	3.36	24.4
Southside	62	— 6	25.8	2.05	16.2
Terra Alta	52	— 7	24.6	7.43	49.7
Uppertract	64	— 4	27.8	2.94	23.5
Valley Fork	65	— 1	32.4	3.60	18.0
Wellsburg	54[c]	— 3[c]	23.4	3.34	22.5
Weston	60	—14	24.3	4.34	26.5
Wheeling *b*	58	— 1	28.8	1.71	10.5
Williamson	65	— 1	28.2	2.00	5.0
Wisconsin.					
Amherst	41	—19	7.8	1.30	13.0
Antigo	40	—18	8.4	1.20	12.0
Appleton	38	—16	11.0	1.31	23.3
Appleton Marsh	40	—28	6.2	0.94	9.6
Ashland	.....	.....	.....	1.34	13.4
Barron	36	—30	4.6	1.50	15.0
Beloit	40	—11	14.4	0.94	4.7
Berlin	34	—22	7.2	.....	.....
Brodhead	40	—16	12.8	0.80	8.0
Wisconsin—Cont'd.					
Burnett	34	—20	8.8	0.82	15.5
Butternut	36	—30	5.8	1.63	16.3
Chilton	36	—17	10.6	2.31	23.1
Citypoint	40	.....	.....	0.72	10.0
Darlington	36	—26	7.9	0.85	8.5
Downing	40	—28	4.4	1.60	16.0
Eau Claire	41	—25	5.8	0.73	7.3
Florence	40	—15	9.1	1.05	10.5
Fond du Lac	36	—26	9.2	1.42	15.0
Grand Rapids	41	—26	6.4	0.44	10.5
Grantsburg	35	—32	3.7	1.45	14.5
Hancock	40	—23	7.6	1.10	11.0
Harvey	40	—14	12.0	1.08	12.2
Hayward	35	—36	2.0	0.57	5.7
Hillsboro	39	—35	5.4	1.15	11.5
Koepenick	48	—26	7.7	1.80	18.0
Ladysmith	37	—34	4.7	.....	.....
Lancaster	38[c]	—17[d]	9.6[d]	0.63	9.0
Manitowoc	42	—13	14.4	1.34	22.0
Meadow Valley	39	—28	4.6	0.78	14.0
Medford	42	—27	6.6	0.50	5.0
Menasha	.....	.....	.....	1.43	20.5
Minocqua	47	—23	6.8	0.63	10.0
Mount Horeb	42	—18	9.4	0.86	9.5
Neillsville	40	—27	4.0	0.60	6.0
New London	38	—19	9.2	1.11	24.0
New Richmond	49	—25	6.2	0.80	8.0
Oconto	40	—14	11.0	2.05	20.5
Osceola	37	—32	2.7	0.35	4.5
Oshkosh	40[b]	—21[c]	9.5[c]	1.30	13.0
Pine River	42	—20	9.7	0.83	13.0
Portage	38	—20	10.0	0.80	11.0
Port Washington	37	—17	10.2	1.60	16.0
Prairie du Chien *a*	47	—20	11.0	0.99	9.9
Prentice	52	—31	6.0	1.00	11.5
Racine	44	—11	16.6	0.93	9.3
Sheboygan	44	—11	15.6	3.75	37.5
Spooner	37	—35	3.8	0.44	9.2
Stanley	44	—28	6.4	0.92	13.0
Stevens Point	45	—27	8.0	1.00	10.0
Valley Junction	44	—25	8.2	0.75	8.0
Viroqua	36	—20	8.0	1.12	12.5
Watertown	42	—16	10.2	2.47	24.7
Waukesha	38	—16	11.8	0.86	14.1
Waupaca	39	—20	8.2	0.97	16.9
Whitehall	39	—34	5.8	0.80	8.0
Wyoming.					
Afton	44	—17	19.6	1.28	14.0
Alcova	49	—16	24.0	0.83	5.0
Basin	52	— 8	24.0	0.08	.....
Bedford	46	—17	20.1	1.59	15.9
Border	41	—14	17.8	0.90	.....
Buffalo	51	—18	20.2	0.25	2.0
Cambria	52	— 7	22.2	0.98	9.7
Chugwater	52	—26	24.2	1.62	16.0
Daniel	44	—26	15.2	0.85	8.5
Embar	59	—19	22.8	0.20	2.0
Evanston	51	— 9	24.6	0.27	3.0
Fontenelle	40	—18	16.4	0.50	5.0
Fort Laramie	53	—30	21.6	1.22	14.1
Fort Washakie	55	—16	21.6	0.55	5.5
Gillette	47	—12	20.8	0.82	8.0
Granite Canyon	50[e]	—23	23.6[e]	1.15	11.5
Green River	53	—12	24.2	1.15	.....
Griggs	55	—20	21.0	0.89	8.6
Hatton	.....	.....	.....	2.80	28.0
Hyattville	60	—14	25.1	0.50	5.0
Iron Mountain	51	—29	22.8	0.95	13.2
Kirtley	49	—22	19.4	0.64	5.5
Laramie	47	—24	22.7	0.39	4.7
Leo	46	—24	22.0	0.72	10.5
Little Medicine	43	—22	17.4	1.44	15.0
Lolabama Ranch	47	—14	20.8	0.36	.....
Lusk	51	—33	19.2	1.05	10.5
Meeteetse	52	—13	19.2	0.30	3.0
Moore	49	—20	25.0	0.90	14.9
Moorcroft	52	—18	17.8	0.60	6.0
Phillips	57	—24	25.2	1.20	12.0
Pine Bluff	59	—26	23.1	0.50	5.0
Red Bank	53	—13	23.6	0.77	.....
Rock Springs	52	—13	25.0	0.45	4.5
Sheridan	58	—17	22.6	0.75	7.5
South Pass City	45	—20	15.6	1.30	13.0
Story	.....	.....	.....	2.15	21.5
Thermopolis	51	—12	22.2	0.05	0.5
Torrington	54	—28	23.4	0.71	9.5
Wells	36	—19	15.8	1.73	18.5
Wilson	.....	.....	.....	2.70	27.0
Yellowstone Park (C. H.)	40	—23	15.7	0.84	21.5
Yellowstone Pk. (Foun'n)	.....	.....	.....	0.14	.....
Yellowstone Pk. (Lake)	40	—21	15.6	0.64	.....
Yellowttone Pk. (Norris)	.....	—20	.....	1.30	16.2
Yellowstone Pk. (U. Ba'n)	44	—20	19.0	.....	.....
Yellewstone Pk. (Soda B.)	45	—28	15.0	1.00	16.0
Porto Rico.					
Adjuntas	86	50	68.4	6.53	
Aguirre	92	64	76.3	1.53	
Aibonito[g]	78	49	66.5	3.94	

TABLE II.—*Climatological record of voluntary and other cooperating observers. Late reports for December*—Continued.

Stations.	Temperature. (Fahrenheit.) Maximum.	Minimum.	Mean.	Precipitation. Rain and melted snow.	Total depth of snow.
Porto Rico—Cont'd.	°	°	°	*Ins.*	*Ins.*
Aricebo	86	52	69.4	3.72	
Barros	.....	.....	.....	6.42	
Bayamon	87	57	72.4	6.56	
Caguas	88	57	72.4	3.96	
Canovanas	87	65	75.2	8.33	
Cidra	89	54	72.2	17.40	
Coamo	89	56	74.4	0.66	
Corozal	.....	.....	.....	6.00	
Fajardo	88	60	74.7	6.65	
Guanica	91	58	74.9	0.29	
Hacienda Josefa	.....	.....	.....	2.45	
Humacao	88	70	79.0	3.51	
Isabela	87	63	75.0	2.98	
Juana Diaz	93	64	78.4	T.	
La Carmelita	83	60	71.4	6.22	
La Ysolina	86	62	73.4	4.01	
Lares	88	54	71.0	6.34	
Manati	90	59	74.4	6.68	
Maunabo	90	62	76.3	3.98	
Mayaguez	89	59	74.6	2.98	
Morovis	89	56	72.8	6.95	
Ponce	90	61	75.6	0.12	
Rio Blanco	87	60	74.5	6.83	
Rio Piedras	.....	.....	.....	3.64	
San German	88	59	73.8	3.47	
San Lorenzo	89	54	71.6	3.86	
San Salvador	82	58	70.2	8.31	
Santa Isabel	88	61	74.1	1.49	
Vieques	89	66	77.1	3.13	
Yauco	84	61	73.6	1.20	
Mexico.					
Vera Cruz	83	57	68.8	1.32	
New Brunswick.					
St. John	44	—10	14.1	6.68	1.04

Stations.	Temperature. (Fahrenheit.) Maximum.	Minimum.	Mean.	Precipitation. Rain and melted snow.	Total depth of snow.
Late reports for December, 1904.					
Alaska.	°	°	°	*Ins.*	*Ins.*
Chestochena	32	—29	—3.6	0.20	2.0
Copper Center	32	—31	—4.7	0.68	9.6
Fairbanks	23	—47	—10.8	.....	.....
Fort Gibbon	.....	.....	.....	0.70	7.0
Fort Liscum	43	4	25.4	3.99	20.8
Juneau	60	17	38.7	8.89	.....
Kenai	39	—20	15.0	0.66	11.5
Ketchemstock	30	—41	—4.0	0.18	3.5
Kodiak	55	10	32.8	3.24	1.1
Orca	47	21	32.0	19.05	14.0
Sunrise	42	— 9	19.0	8.31	31.7
Tanana	.....	—29[6]	.....	0.90	9.0
Teikhill	35	—22	2.4	2.95	28.0
Florida.					
Monticello	79	23	53.1	3.46	
Georgia.					
Allapaha	78	24	50.8	3.17	
Covington	71	22	46.0	3.89	T.
Cuthbert	72	22	47.6	4.02	
Iowa.					
Fayette	45	—20	18.5	2.30	19.5
Osceola	65	— 6	24.4	1.50	15.0
New Jersey.					
Sandy Hook	47	10	28.8	3.36	27.7
South Carolina.					
Kingstree *a*	76	22	47.6	4.85	
Porto Rico.					
Cidra	91	51	72.0	13.80	
Coamo	90	60	76.2	1.15	
Mexico.					
Coatzacoalcos	84	.....	.....	13.74	
Vera Cruz	84	58	72.0	.....	

EXPLANATION OF SIGNS.

*Extremes of temperature from observed readings of dry thermometer.

A numeral following the name of a station indicates the hours of observation from which the mean temperature was obtained, thus:

[1] Mean of 7 a. m. + 2 p. m. + 9 p. m. + 9 p. m. ÷ 4.
[2] Mean of 8 a. m. + 8 p. m. ÷ 2.
[3] Mean of 7 a. m. + 7 p. m. ÷ 2.
[4] Mean of 6 a. m. + 6 p. m. ÷ 2.
[5] Mean of 7 a. m. + 2 p. m. ÷ 2.
[6] Mean of readings at various hours reduced to true daily mean by special tables.

The absence of a numeral indicates that the mean temperature has been obtained from daily readings of the maximum and minimum thermometers.

An italic letter following the name of a station, as "Livingston *a*," "Livingston *b*," indicates that two or more observers, as the case may be, are reporting from the same station. A small roman letter following the name of a station, or in figure columns, indicates the number of days missing from the record; for instance, "n" denotes 14 days missing.

No note is made of breaks in the continuity of temperature records when the same do not exceed two days. All known breaks of whatever duration, in the precipitation record receive appropriate notice.

TABLE III.—*Resultant winds from observations at 8 a. m. and 8 p. m., daily, during the month of January, 1905.*

Stations.	Component direction from— N.	S.	E.	W.	Resultant. Direction from—	Duration.
	Hours.	Hours.	Hours.	Hours.	°	Hours.
New England.						
Eastport, Me	26	10	9	33	n. 56 w.	29
Portland, Me	23	20	1	35	n. 85 w.	34
Concord, N. H. †	11	9	6	13	n. 74 w.	7
Northfield, Vt	26	29	4	9	s. 59 w.	6
Boston, Mass	23	12	6	35	n. 69 w.	31
Nantucket, Mass	24	11	10	31	n. 59 w.	25
Block Island, R. I	24	12	9	32	n. 62 w.	26
Narragansett, R. I.*	11	8	5	16	n. 75 w.	11
Providence, R. I	25	10	6	34	n. 62 w.	32
Hartford, Conn	27	22	3	24	n. 77 w.	22
New Haven, Conn	26	13	10	26	n. 51 w.	21
Middle Atlantic States.						
Albany, N. Y	29	18	11	21	n. 42 w.	15
Binghamton, N. Y.†	10	3	7	17	n. 55 w.	12
New York, N. Y	21	5	11	32	n. 53 w.	26
Harrisburg, Pa	15	13	11	32	n. 85 w.	21
Philadelphia, Pa	25	13	12	28	n. 53 w.	20
Scranton, Pa	21	22	12	27	s. 86 w.	15
Atlantic City, N. J	26	11	9	30	n. 55 w.	26
Cape May, N. J	26	11	8	30	n. 56 w.	27
Baltimore, Md	22	12	11	30	n. 62 w.	22
Washington, D. C	23	17	11	19	n. 53 w.	10
Cape Henry, Va.†	10	13	8	9	s. 18 w.	3
Lynchburg, Va	19	20	11	32	s. 87 w.	21
Mount Weather, Va	27	13	9	33	n. 58 w.	28
Norfolk, Va	22	15	18	21	n. 23 w.	8
Richmond, Va	22	20	14	21	n. 74 w.	7
Wytheville, Va	9	13	9	44	s. 83 w.	35
South Atlantic States.						
Asheville, N. C	31	13	10	25	n. 40 w.	23
Charlotte, N. C	19	18	17	25	n. 83 w.	8
Hatteras, N. C	34	6	12	25	n. 25 w.	31
Raleigh, N. C	28	11	11	26	n. 42 w.	23
Wilmington, N. C	29	11	10	23	n. 36 w.	22
Charleston, S. C	22	17	13	23	n. 63 w.	11
Columbia, S. C	22	12	12	29	n. 60 w.	20
Augusta, Ga	21	9	11	36	n. 64 w.	28
Savannah, Ga	24	10	12	27	n. 47 w.	20
Jacksonville, Fla	29	13	12	24	n. 37 w.	20
Florida Peninsula.						
Jupiter, Fla	27	15	14	22	n. 56 w.	22
Key West, Fla	38	4	28	9	n. 29 e.	39
Sand Key, Fla. †	20	4	12	5	n. 24 e.	18
Tampa, Fla	33	7	15	21	n. 13 w.	27
Eastern Gulf States.						
Atlanta, Ga	31	10	11	28	n. 39 w.	27
Macon, Ga.†	15	4	3	17	n. 52 w.	18
Pensacola, Fla.†	21	2	10	5	n. 15 e.	20
Birmingham, Ala.†	13	5	8	8	n.	8
Mobile, Ala	34	16	9	15	n. 18 w.	19
Montgomery, Ala	21	12	17	25	n. 42 w.	12
Meridian, Miss.†	15	8	5	5	n.	7
Vicksburg, Miss	27	13	24	10	n. 45 e.	20
New Orleans, La	31	9	22	12	n. 24 e.	24
Western Gulf States.						
Shreveport, La	23	16	23	17	n. 41 e.	9
Fort Smith, Ark	19	5	28	22	n. 23 e.	15
Little Rock, Ark	28	12	16	20	n. 14 w.	16
Corpus Christi, Tex	25	21	22	7	n. 75 e.	16
Fort Worth, Tex	28	17	14	20	n. 29 w.	12
Galveston, Tex	24	18	20	9	n. 61 e.	12
Palestine, Tex	29	17	16	11	n. 23 e.	13
San Antonio, Tex	33	13	20	10	n. 27 e.	22
Taylor, Tex. †	18	8	5	3	n. 11 e.	10
Ohio Valley and Tennessee.						
Chattanooga, Tenn	21	13	12	31	n. 48 w.	12
Knoxville, Tenn	29	14	12	24	n. 39 w.	19
Memphis, Tenn	27	17	17	19	n. 11 w.	10
Nashville, Tenn	23	19	15	22	n. 60 w.	8
Lexington, Ky. †	7	12	4	15	s. 66 w.	12
Louisville, Ky	17	24	8	27	s. 70 w.	20
Evansville, Ind.†	10	11	5	13	s. 83 w.	8
Indianapolis, Ind	22	18	6	28	n. 80 w.	22
Cincinnati, Ohio	16	22	12	28	s. 69 w.	17
Columbus, Ohio	13	27	10	29	s. 54 w.	24
Pittsburg, Pa	21	15	6	33	n. 78 w.	28
Parkersburg, W. Va	17	13	3	21	n. 77 w.	18
Elkins, W. Va	19	17	3	39	n. 87 w.	36
Lower Lake Region.						
Buffalo, N. Y	12	17	10	34	s. 78 w.	24
Oswego, N. Y	20	21	16	19	s. 72 w.	3
Rochester, N. Y	12	19	12	34	s. 72 w.	23
Syracuse, N. Y	17	23	9	28	s. 72 w.	20
Erie, Pa	14	21	10	29	s. 70 w.	20
Cleveland, Ohio	15	29	7	24	s. 51 w.	22
Sandusky, Ohio †	8	10	4	16	s. 81 w.	12
Toledo, Ohio	14	20	11	34	s. 75 w.	24
Detroit, Mich	15	16	7	35	s. 88 w.	28
Upper Lake Region.						
Alpena, Mich	21	9	6	37	n. 69 w.	33
Escanaba, Mich	23	12	6	37	n. 70 w.	33
Grand Rapids, Mich	20	17	11	23	n. 76 w.	12
Houghton, Mich.†	13	4	8	13	n. 29 w.	10
Marquette, Mich	16	13	5	41	n. 85 w.	36
Port Huron, Mich	14	17	10	34	s. 83 w.	24
Sault Ste. Marie, Mich	20	13	17	24	n. 45 w.	10
Chicago, Ill	26	13	5	33	n. 65 w.	31
Milwaukee, Wis	23	8	2	42	n. 69 w.	42
Green Bay, Wis	21	16	5	36	n. 81 w.	31
Duluth, Minn	15	3	6	46	n. 73 w.	42
North Dakota.						
Moorhead, Minn	31	15	7	24	n. 47 w.	23
Bismarck, N. Dak	26	8	13	33	n. 48 w.	27
Devils Lake, N. Dak	18	12	7	36	n. 72 w.	20
Williston, N. Dak	26	12	9	28	n. 54 w.	24
Upper Mississippi Valley.						
Minneapolis, Minn.*	11	6	3	17	n. 70 w.	15
St. Paul, Minn	22	15	8	32	n. 74 w.	25
La Crosse, Wis.†	9	11	1	15	s. 82 w.	14
Madison, Wis	24	15	4	36	n. 74 w.	33
Charles City, Iowa	32	11	8	32	n. 49 w.	32
Davenport, Iowa	26	12	5	34	n. 64 w.	32
Des Moines, Iowa	28	14	9	30	n. 56 w.	25
Dubuque, Iowa	27	8	4	36	n. 59 w.	37
Keokuk, Iowa	29	16	7	30	n. 61 w.	26
Cairo, Ill	26	20	7	20	n. 65 w.	14
La Salle, Ill.†	10	6	3	19	n. 76 w.	16
Springfield, Ill	25	14	4	32	n. 68 w.	30
Hannibal, Mo. †	12	9	5	18	n. 77 w.	13
St. Louis, Mo	24	14	12	29	n. 60 w.	20
Missouri Valley.						
Columbia, Mo. *	9	9	4	14	w.	10
Kansas City, Mo	28	15	10	26	n. 51 w.	21
Springfield, Mo	23	18	15	22	n. 54 w.	9
Topeka, Kans.*	12	7	4	13	n. 61 w.	10
Lincoln, Nebr	26	20	10	19	n. 56 w.	11
Omaha, Nebr	29	16	8	21	n. 45 w.	18
Valentine, Nebr	30	8	10	29	n. 41 w.	29
Sioux City, Iowa †	13	8	6	12	n. 50 w.	8
Pierre, S. Dak	20	6	22	24	n. 8 w.	14
Huron, S. Dak	32	16	10	21	n. 34 w.	19
Yankton, S. Dak. †	12	4	5	15	n. 51 w.	13
Northern Slope.						
Havre, Mont	9	12	22	28	s. 63 w.	7
Miles City, Mont	26	20	8	18	n. 59 w.	12
Helena, Mont	16	19	8	34	s. 83 w.	26
Kalispell, Mont	8	11	1	49	s. 86 w.	48
Rapid City, S. Dak	31	8	11	29	n. 38 w.	29
Cheyenne, Wyo	31	15	4	29	n. 57 w.	30
Lander, Wyo	15	23	21	17	s. 27 e.	9
Yellowstone Park, Wyo	12	38	4	22	s. 35 w.	32
North Platte, Nebr	18	12	12	31	n. 72 w.	20
Middle Slope.						
Denver, Colo	21	25	15	10	s. 51 e.	6
Pueblo, Colo	18	15	23	22	n. 18 e.	3
Concordia, Kans	28	17	13	22	n. 39 w.	14
Dodge, Kans	25	13	16	20	n. 18 w.	13
Wichita, Kans	28	18	15	14	n. 6 e.	10
Oklahoma, Okla	34	17	12	13	n. 3 w.	17
Southern Slope.						
Abilene, Tex	27	20	11	17	n. 41 w.	9
Amarillo, Tex	26	17	12	19	n. 38 w.	11
Roswell, N. Mex.	23	26	15	11	s. 53 e.	5
Southern Plateau.						
El Paso, Tex	23	9	21	29	n. 30 w.	16
Santa Fe, N. Mex	32	11	33	5	n. 53 e.	35
Flagstaff, Ariz	27	12	15	17	n. 8 w.	15
Phoenix, Ariz	15	8	32	18	n. 63 e.	16
Yuma, Ariz	40	8	17	9	n. 14 e.	33
Independence, Cal	16	25	15	26	s. 51 w.	14
Middle Plateau.						
Carson City, Nev	15	19	16	26	s. 68 w.	11
Winnemucca, Nev	32	11	27	9	n. 41 e.	28
Modena, Utah	9	3	10	45	n. 80 w.	36
Salt Lake City, Utah	9	29	22	18	s. 11 e.	20
Durango, Colo	22	24	5	22	s. 83 w.	17
Grand Junction, Colo	27	12	20	16	n. 15 e.	16
Northern Plateau.						
Baker City, Oreg	7	35	26	15	s. 22 e.	30
Boise, Idaho	14	20	11	28	s. 71 w.	18
Lewiston, Idaho †	3	7	19	7	s. 72 e.	13
Pocatello, Idaho	7	18	20	27	s. 32 w.	13
Spokane, Wash	24	13	30	11	n. 69 e.	31
Walla Walla, Wash	8	38	11	17	s. 11 w.	31
North Pacific Coast Region.						
North Head, Wash	12	15	42	3	s. 86 e.	39
Port Crescent, Wash.*	9	9	19	4	e.	15
Seattle, Wash	27	12	28	6	n. 56 e.	27
Tacoma, Wash	25	21	11	16	n. 51 w.	6
Tatoosh Island, Wash	1	16	42	5	s. 68 e.	40
Portland, Oreg	19	12	25	24	n. 8 e.	7
Roseburg, Oreg	26	14	16	19	n. 14 w.	12
Middle Pacific Coast Region.						
Eureka, Cal	18	29	19	6	s. 50 e.	17
Mount Tamalpais, Cal	18	25	23	14	n. 52 e.	11
Red Bluff, Cal	29	21	13	14	n. 7 w.	8
Sacramento, Cal	18	24	29	7	s. 75 e.	23
San Francisco, Cal	26	17	15	18	n. 18 w.	10
Point Reyes Light, Cal.*	8	15	12	7	s. 36 e.	9
Southeast Farallon, Cal.*	22	22	19	14	e.	5
South Pacific Coast Region.						
Fresno, Cal	16	27	23	12	s. 45 e.	16
Los Angeles, Cal	25	9	26	17	n. 29 e.	18
San Diego, Cal	30	8	13	25	n. 29 w.	25
San Luis Obispo, Cal	29	18	9	14	n. 24 w.	12
West Indies						
Grand Turk, W. I. †	10	6	21	2	n. 78 e.	19
Hamilton, Bermuda	26	16	10	26	n. 58 w.	19
Havana, Cuba†	10	4	17	5	n. 63 e.	13
San Juan, Porto Rico	6	31	36	6	s. 50 e.	39

* From observations at 8 p. m. only. † From observations at 8 a. m. only.

TABLE IV.—*Accumulated amounts of precipitation for each 5 minutes, for storms in which the rate of fall equaled or exceeded 0.25 in any 5 minutes, or 0.75 in 1 hour during January, 1905, at all stations furnished with self-registering gages.*

Stations.	Date.	Total duration.		Total amount of precipitation.	Excessive rate.		Amount before excessive 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.
	1	2	3	4	5	6	7														
Albany, N. Y.	2-3			1.08														*			
Alpena, Mich.	11-12			0.97														*			
Amarillo, Tex.	9-11			0.94														*			
Asheville, N. C.	11-12			1.40														0.32			
Atlanta, Ga.	11-12	3:10 p. m.	11:45 p. m.	2.29	3:57 p. m. †	4:37 p. m. †	0.97	0.10	0.17	0.22	0.48	0.65	0.72	0.78	0.84						
Atlantic City, N. J.	24-25			2.75														*			
Augusta, Ga.	6			0.76														0.30			
Baltimore, Md.	6-7			2.36														0.58			
Binghamton, N. Y.	6-7			0.76														*			
Birmingham, Ala.	11-12	3:10 p. m.	8:50 a. m.	2.98	1:16 a. m.	1:29 a. m.	1.54	0.17	0.28	0.37											
Bismarck, N. Dak.	20			0.10														*			
Block Island, R. I.	7			0.77														*			
Boise, Idaho.	13-14			0.50														*			
Boston, Mass.	6-7			1.53														0.33			
Buffalo, N. Y.	6-7			1.18														*			
Cairo, Ill.	11	2:52 p. m.	11:55 p. m.	1.18	3:47 p. m.	4:22 p. m.	0.10	0.06	0.13	0.26	0.38	0.44	0.49	0.55							
Charleston, S. C.	19			0.40														0.14			
Charlotte, N. C.	12			0.67														0.35			
Chattanooga, Tenn.	11-12			1.08														0.32			
Chicago, Ill.	11			0.56														*			
Cincinnati, Ohio.	10-11			0.81														0.09			
Cleveland, Ohio.	11			0.32														0.10			
Columbia, Mo.	10-11			1.45														*			
Columbia, S. C.	6			0.68														0.26			
Columbus, Ohio.	11			0.43														*			
Concord, N. H.	6-7			1.46														*			
Corpus Christi, Tex.	8-9			0.54														0.11			
Davenport, Iowa.	10-11			0.41														*			
Denver, Colo.	17			0.62														*			
Des Moines, Iowa.	10-11			0.63														*			
Detroit, Mich.	11			0.96														*			
Dodge, Kans.	10-11			0.79														*			
Dubuque, Iowa.	11			0.51														*			
Duluth, Minn.	4-5			0.47														*			
Eastport, Me.	7			0.78														0.25			
Elkins, W. Va.	12			0.25														0.08			
Erie, Pa.	7-8			1.26														*			
Escanaba, Mich.	4-7			0.87														*			
Evansville, Ind.	10-11			2.45														*			
Fort Smith, Ark.	10-11			2.34														*			
Fort Worth, Tex.	10-11			1.21														0.42			
Galveston, Tex.	9	12 m.	6:30 p. m.	0.99	2:05 p. m.	2:50 p. m.	0.19	0.12	0.18	0.21	0.31	0.43	0.49	0.52	0.63	0.70	0.73				
Grand Junction, Colo.	11			0.52														*			
Grand Rapids, Mich.	11			0.51														*			
Green Bay, Wis.	11-12			0.51														*			
Hannibal, Mo.	10-11			1.20														*			
Harrisburg, Pa.	5-6			1.71														0.26			
Hatteras, N. C.	29-30	11:15 p. m.	4:00 a. m.	0.94	12:37 a. m.	1:17 a. m.	0.19	0.08	0.20	0.29	0.43	0.47	0.53	0.55	0.62						
Huron, S. Dak.	10-11			0.21														*			
Indianapolis, Ind.	10-11			0.76														*			
Jacksonville, Fla.	19	8:55 a. m.	9:45 a. m.	0.81	9:03 a. m.	9:33 a. m.	0.03	0.06	0.12	0.24	0.50	0.70	0.76								
Jupiter, Fla.	15			0.73														0.33			
Kalispell, Mont.	21-22			0.33														*			
Kansas City, Mo.	10-11			0.72														*			
Key West, Fla.	13			0.23														*			
Knoxville, Tenn.	11-12			1.11														0.24			
La Crosse, Wis.	11			0.45														*			
Lewiston, Idaho.	23			0.21														*			
Lexington, Ky.	10-11			0.40														*			
Lincoln, Nebr.	10-11			0.59														*			
Little Rock, Ark.	11			1.40														*			
Los Angeles, Cal.	21			1.05														0.31			
Louisville, Ky.	10-11			1.13														0.23			
Lynchburg, Va.	6			1.55														0.26			
Macon, Ga.	11-12			0.65														0.31			
Memphis, Tenn.	11-12			1.30														0.48			
Meridian, Miss.	11-12	2:35 p. m.	10:30 a. m.	3.05	12:35 a. m.	1:00 a. m.	1.65	0.13	0.41	0.57	0.68	0.81									
Milwaukee, Wis.	11			0.59														*			
Minneapolis, Minn.	11			0.34														*			
Montgomery, Ala.	11-12	3:35 p. m.	12:20 p. m.	3.18	10:39 p. m. 3:38 a. m.	10:54 p. m. 4:18 a. m.	0.42 1.24	0.24 0.11	0.46 0.21	0.51 0.29	0.37	0.50	0.63	0.75	0.81						
Nantucket, Mass.	6-7			1.00														0.28			
Nashville, Tenn.	11-12	7:50 p. m.	8:00 a. m.	1.03	8:47 p. m.	9:07 p. m.	0.10	0.13	0.38	0.47	0.55										
New Haven, Conn.	12			0.72														0.23			
New Orleans, La.	11	6:40 a. m.	4:55 p. m.	1.64	2:41 p. m.	2:56 p. m.	0.93	0.35	0.54	0.68											
New York, N. Y.	6-7			1.28														0.30			
Norfolk, Va.	3			0.80														0.32			
Northfield, Vt.	6-7			0.67														*			
North Head, Wash.	22-23			1.92														0.40			
Oklahoma, Okla.	10-11			1.55														*			
Omaha, Nebr.	10-11			0.78														0.08			
Palestine, Tex.	18			0.61														0.30			
Parkersburg, W. Va.	12			0.29														0.20			
Pensacola, Fla.	12	8:10 a. m.	12:50 p. m.	1.31	10:04 a. m.	10:58 a. m.	0.05	0.18	0.28	0.35	0.53	0.63	0.67	0.92	1.03						
Philadelphia, Pa.	6-7			0.98														0.24			
Pittsburg, Pa.	6-7			1.11														*			
Pocatello, Idaho.	29			0.14														*			
Portland, Me.	6-7			1.68														0.18			
Portland, Oreg.	22-23			1.36														0.27			
Pueblo, Colo.	10-11			0.12														*			
Raleigh, N. C.	3			0.68														*			
Richmond, Va.	12			0.83														*			
Rochester, N. Y.	6-7			1.07														*			
Sacramento, Cal.	18-19			0.55														0.30			
St. Louis, Mo.	10-11			1.70														*			
St. Paul, Minn.	11			0.35														0.07			
Salt Lake City, Utah.	12			0.17														*			
San Antonio, Tex.	10			0.26														0.12			
San Diego, Cal.	15-16			0.69														0.33			
Sandusky, Ohio.	11			0.76														*			
San Francisco, Cal.	20-21			0.98														0.29			

TABLE IV.—*Accumulated amounts of precipitation for each 5 minutes, etc.*—Continued.

Stations.	Date.	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	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.
	1	2	3	4	5	6	7														
Savannah, Ga	19			0.76														0.24			
Scranton, Pa	24-25			1.10														0.10			
Seattle, Wash	2-3			0.67														0.18			
Shreveport, La	11	3:00 p. m.	7:45 p. m.	0.89	4:10 p. m.	4:44 p. m.	0.01	0.13	0.24	0.36	0.49	0.61	0.66	0.74							
Spokane, Wash	27			0.50														*			
Springfield, Ill	10-11			0.77														*			
Springfield, Mo	10-11			2.64														*			
Syracuse, N. Y	6-7			0.55														*			
Tampa, Fla	6			0.19														0.10			
Taylor, Tex	18			0.22														0.16			
Toledo, Ohio	11			0.63														*			
Topeka, Kans	10-11			0.69														*			
Vicksburg, Miss	11-12	3:33 p. m.	6:41 a. m.	1.34	9:22 p. m.	9:42 p. m.	0.41	0.23	0.43	0.59	0.65										
Washington, D. C	6-7			1.43														0.28			
Wichita, Kans	10-11			0.42														*			
Williston, N. Dak	20			0.06														*			
Wilmington, N. C	6			1.03														0.24			
Wytheville, Va	6-7			0.93														*			
Yankton, S. Dak	10-11			0.30														*			
Havana, Cuba	13			0.29							0.29										
San Juan, Porto Rico	26-27	8:05 p. m.	5:45 a. m.	2.09	8:47 a. m.	9:42 p. m.	0.01	0.09	0.16	0.25	0.38	0.52	0.62	0.69	0.71	0.73	0.78	0.83			

*Self-register not working †Of the 12th.

TABLE V.—*Data furnished by the Canadian Meteorological Service, January, 1905.*

Stations.	Pressure, in inches. Actual, reduced to mean of 24 hours.	Pressure. Sea level, reduced to mean of 24 hours.	Pressure. Departure from normal.	Temperature. Mean.	Temperature. Departure from normal.	Temperature. Mean maximum.	Temperature. Mean minimum.	Precipitation. Total.	Precipitation. Departure from normal.	Precipitation. Total snowfall.
	Ins.	Ins.	Ins.	°	°	°	°	Ins.	Ins.	Ins.
St. Johns, N. F										
Sydney, C. B. I	29.93	29.97	+.04	17.5	— 3.0	28.0	7.0	7.91	+2.81	44.5
Halifax, N. S	29.90	30.01	+.04	18.5	— 3.3	28.3	8.7	8.30	+2.53	46.7
Grand Manan, N. B	29.94	30.00	+.01	19.7	— 3.7	27.8	11.6	6.60	+1.69	47.6
Yarmouth, N. S	29.94	30.02	+.02	23.1	— 3.2	30.1	16.1	4.65	—0.76	18.1
Charlottetown, P. E. I	29.94	29.98	+.02	11.9	— 5.1	21.2	2.6	3.66	—0.30	35.3
Chatham, N. B	29.99	30.02	+.05	6.6	— 3.2	19.4	— 6.2	6.41	+2.82	57.8
Father Point, Que	30.02	30.05	+.07	4.1	— 3.9	12.4	— 4.2	1.82	—1.03	18.2
Quebec, Que	29.75	30.10	+.08	5.8	— 3.3	14.1	— 2.6	2.36	—1.65	23.6
Montreal, Que	29.90	30.13	+.09	8.9	— 2.8	16.4	1.4	4.53	+0.80	45.3
Rockliffe, Ont	29.48	30.05	+.03	—0.3	— 6.7	12.7	—13.4	2.36	+0.04	23.6
Ottawa, Ont	29.74	30.08	+.05	7.4	— 2.2	15.7	— 0.9	3.29	+0.30	32.9
Kingston, Ont	29.79	30.13	+.08	12.1	— 5.0	20.2	3.9	2.36	—1.09	20.6
Toronto, Ont	29.73	30.13	+.08	17.9	— 3.5	25.3	10.4	3.28	+0.36	26.5
White River, Ont	28.77	30.19	+.18	—5.4	— 5.0	10.7	—21.5	1.41	—0.28	14.1
Port Stanley, Ont	29.48	30.15	+.08	19.4	— 2.8	27.7	11.1	2.83	—0.16	24.5
Saugeen, Ont	29.37	30.11	+.08	18.6	— 1.8	26.0	11.1	3.96	—0.09	39.6
Parry Sound, Ont	29.34	30.14	+.13	9.5	— 4.3	19.9	— 1.0	5.25	+1.17	52.5
Port Arthur, Ont	29.48	30.24	+.17	4.4	+ 1.3	14.5	— 5.7	0.22	—0.60	2.2
Winnipeg, Man	29.44	30.36	+.25	—5.2	+ 1.6	5.7	—16.0	0.20	—0.68	2.0
Minnedosa, Man	28.39	30.35	+.25	—2.2	+ 5.0	9.0	—13.4	0.61	—0.19	6.1
Qu'Appelle, Assin	27.93	30.35	+.27	—0.3	+ 3.5	8.5	— 9.1	0.52	+0.02	5.2
Medicine Hat, Assin	27.94	29.36	+.29	10.2	+ 4.7	19.6	0.9	0.70	+0.13	7.0
Swift Current, Assin	27.63	30.38	+.29	6.2	+ 3.1	15.2	— 2.8	0.24	—0.40	2.4
Calgary, Alberta	26.58	30.35	+.32	10.0	+ 1.6	18.8	1.1	1.04	+0.51	10.4
Banff, Alberta	25.48	30.36	+.36	11.8	.....	20.7	2.9	0.55	—0.64	5.5
Edmonton, Alberta	27.89	30.34	+.31	6.2	+ 4.4	15.6	— 3.2	0.50	—0.18	5.0
Prince Albert, Sask	28.63	30.32	+.23	—4.3	+ 4.1	6.4	—15.0	0.20	—0.77	2.0
Battleford, Sask	28.54	30.42	+.34	—1.6	+ 4.3	7.7	—11.0	0.62	+0.22	6.2
Kamloops, B. C										
Victoria, B. C	30.01	30.11	+.14	41.0	+ 2.5	44.6	37.4	3.34	—2.05	4.5
Barkerville, B. C	25.73	30.20	+.31	15.5	— 2.3	22.4	8.6	2.00	—0.60	20.0
Hamilton, Bermuda	30.01	30.18	+.05	61.9	— 0.1	66.7	57.1	3.22	—1.72	

TABLE VI.—*Heights of rivers referred to zeros of gages, January, 1905.*

Stations.	Distance to mouth of river.	Danger line on gage.	Highest water. Height.	Highest water. Date.	Lowest water. Height.	Lowest water. Date.	Mean stage.	Monthly range.
	Miles.	Feet.	Feet.		Feet.		Feet.	Feet.
Milk River.								
Havre, Mont. (31)								
James River.								
Huron S. Dak. (31)								
Big Blue River.								
Blue Rapids, Kans (18)	42	18	5.7	6	5.0	1-3	5.2	0.7
Republican River.								
Clay Center, Kans (20)	45	22	7.6	11	6.2	2	6.6	1.4
Solomon River.								
Beloit Kans (18)	75	16	1.2	3-5	0.0	1, 2, 6-13		1.2
Smoky Hill River.								
Lindsborg, Kans	109	20	2.0	18, 20	1.5	13	1.8	0.5
Abilene, Kans	45	22	3.7	8, 9	1.4	26, 29, 30	2.2	2.3
Kansas River.								
Manhattan, Kans	160	18	3.5	1	2.8	7-31	2.9	0.7
Topeka, Kans. (18)	87	21	7.2	20	6.3	7		0.9
Missouri River.								
Bismarck, N. Dak	1,309	14	3.8	1	1.4	13, 14	2.4	2.4
Sioux City, Iowa	784	19	5.0	8-31	4.0	1	4.9	1.0
Blair, Nebr	705	15	5.0	16, 17	3.8	3	4.4	1.2
St. Joseph, Mo	481	10	2.1	16, 17	— 4.5	1	0.4	6.6
Kansas City, Mo	388	21	8.0	20, 21	2.0	2	5.7	6.0
Glasgow, Mo. (18)	231	18	1.5	3	— 1.0	9		2.5
Boonville, Mo	199	20	6.2	28, 29	1.8	11	4.2	4.4
Hermann, Mo (17)	103	24	2.4	4, 6, 7	0.5	12	1.7	1.9
Minnesota River.								
Mankato, Minn	127	18	1.9	1, 12-31	1.8	2-11	1.9	0.1
St. Croix River.								
Stillwater, Minn. (31)	23	11						
Red Cedar River.								
Cedar Rapids, Iowa	77	14	3.4	3, 11, 13, 16, 18-23, 27-31	3.0	1, 2	3.3	0.4
Iowa River.								
Iowa City, Iowa (31)	57							
Illinois River.								
Peoria, Ill	135	14	9.3	25, 26	8.7	1	9.1	0.6
Red Bank Creek.								
Brookville, Pa	35	8	1.2	1	1.0	2-31	1.0	0.2
Clarion River.								
Clarion, Pa	32	10	8.0	14	2.3	10	4.6	5.7
Conemaugh River.								
Johnstown, Pa. (5)	64	7	3.8	13	1.5	10-12	2.2	2.3
Allegheny River.								
Warren, Pa	177	14	4.5	3	1.5	26-28	2.4	3.0
Oil City, Pa	123	13	6.3	14	1.8	30, 31	3.1	4.5
Parker, Pa. (16)	73	20	5.0	4	2.4	11, 12	3.2	2.6
Freeport, Pa. (7)	29	20	16.0	12	3.6	29	6.6	12.4
Cheat River.								
Rowlesburg, W. Va. (23)	36	14	7.4	13	2.2	2, 3		5.2
Youghiogheny River.								
Confluence, Pa. (4)	59	10	4.5	13	0.9	8-11	1.7	3.6
West Newton, Pa	15	23	7.0	13	1.0	9, 10	2.4	6.0
Monongahela River.								
Weston, W. Va	161	18	10.6	12	— 0.9	4	0.3	11.5
Fairmont, W. Va	119	25	23.9	13	14.6	3-5	15.7	9.3
Greensboro, Pa. (1)	81	18	20.2	14	6.4	31	8.4	13.8
Lock No. 4, Pa	40	28	24.0	13	6.4	30, 31	8.7	17.6

TABLE VI.—*Heights of rivers referred to zeros of gages.*—Continued.

Stations.	Distance to mouth of river.	Danger line on gage.	Highest water.		Lowest water.		Mean stage.	Monthly range.
			Height.	Date.	Height.	Date.		
Beaver River.	*Miles.*	*Feet.*	*Feet.*		*Feet.*		*Feet.*	*Feet.*
Ellwood Junction, Pa. (22)	10	14	2.5	14, 22	1.9	3		0.6
Muskingum River.								
Zanesville, Ohio	70	25	11.9	15	8.0	30, 31	8.9	3.9
Little Kanawha River.								
Glenville, W. Va	77	20	9.0	13	0.0	2, 28, 29	1.5	9.0
Creston, W. Va	38	20	12.0	13	3.0	3-7, 30, 31	3.9	9.0
Great Kanawha, River.								
Charleston, W. Va	58	30	11.3	14	1.5	29, 30	5.4	9.8
New River.								
Radford, Va	155	14	4.6	14	— 1.3	3	1.3	5.9
Hinton, W. Va	95	14	4.9	14	1.1	28	1.9	3.8
Scioto River.								
Columbus, Ohio (26)	110	17	3.5	1	1.6	2-4		1.9
Licking River.								
Falmouth, Ky. (15)	30	25	6.0	12	1.0	3	2.4	5.0
Miami River.								
Dayton, Ohio (23)	77	18	1.0	3	0.7	1		0.3
Kentucky River.								
Jackson, Ky	287	24	6.8	14	3.8	6	4.7	3.0
Beattyville, Ky	254	30	3.6	14	0.6	29-31	1.4	3.0
High Bridge, Ky	117	17	11.9	15	9.4	8-11	9.9	2.5
Frankfort, Ky	65	31	7.8	16	6.1	7-10, 27-31	6.5	1.7
Wabash River.								
Terre Haute, Ind	171	16	3.4	26	— 0.6	10, 11	1.2	4.0
Mount Carmel, Ill. (25)	75	15	5.4	1	2.9	7		2.5
Cumberland River.								
Burnside, Ky. (7)	518	50	14.4	14	1.6	5, 6	3.5	12.8
Celina, Tenn	383	45	14.7	15	2.7	10, 11	5.6	12.0
Carthage, Tenn	308	40	12.3	16	2.5	11	5.6	9.8
Nashville, Tenn	193	40	17.0	1, 17	8.5	30, 31	11.7	8.5
Clarksville, Tenn	126	42	21.2	13	6.8	11	12.4	14.4
Powell River.								
Tazewell, Tenn (9)	44	20	9.0	13	1.0	24	2.3	8.0
Clinch River.								
Speers Ferry, Va	156	20	9.4	13	0.0	28, 29	1.2	9.4
Clinton, Tenn (3)	52	25	18.7	14	4.8	26	7.3	13.9
South Fork Holston River.								
Bluff City, Tenn. (2)	35	15	4.9	13	0.8	29-31	1.6	4.1
Holston River.								
Rotherwood, Tenn	142	14	5.3	13	0.6	26-31	1.3	4.7
Rogersville, Tenn	103	14	5.9	13	1.8	26	2.7	4.1
French Broad River.								
Asheville, N. C	144	6	3.4	13	— 1.3	26	0.0	4.7
Leadvale, Tenn	70	15	5.5	13	— 1.0	28	0.2	6.5
Little Tennessee River.								
McGhee, Tenn	17	20	16.0	13	2.0	2	3.6	14.0
Hiwassee River.								
Charleston, Tenn	18	22	15.2	13	1.2	3, 4	2.5	14.0
Tennessee River.								
Knoxville, Tenn	635	29	10.8	14	0.5	28	2.9	10.3
Loudon, Tenn	590	25	12.8	13	1.0	28-30	3.1	11.8
Kingston, Tenn. (2)	556	25	11.6	15	1.7	29	4.0	9.9
Chattanooga, Tenn	452	33	17.2	14	2.4	29, 30	6.1	14.8
Bridgeport, Ala	402	24	13.4	15	1.3	30, 31	4.4	12.1
Guntersville, Ala	349	31	19.5	16	3.7	31	8.1	15.8
Florence, Ala	255	16	11.5	16, 17	2.3	30	5.2	9.2
Riverton, Ala	225	26	18.4	17	4.8	29	9.0	13.6
Johnsonville, Tenn	95	21	16.8	18	4.5	30	9.2	12.3
Ohio River.								
Pittsburg, Pa	966	22	14.8	14	1.5	29-31	14.8	13.3
Davis Island Dam, Pa	960	25	14.5	14	3.7	29, 30	6.3	10.8
Beaver Dam, Pa	925	27	19.5	14	4.7	29	8.2	14.8
Wheeling, W. Va	875	36	19.7	14	3.1	30	7.9	16.6
Parkersburg, W. Va	785	36	17.0	15	6.3	31	9.1	10.7
Point Pleasant, W. Va	703	39	19.7	16	3.0	31	8.8	16.7
Huntington, W. Va	660	50	22.4	16	6.1	31	12.4	16.3
Catlettsburg, Ky	651	50	22.5	16	4.4	31	11.9	18.1
Portsmouth, Ohio	612	50	23.0	17	6.4	31	12.7	16.6
Maysville, W. Va	559	50	22.9	17	8.1	31	13.2	14.8
Cincinnati, Ohio	499	50	24.0	18	9.4	31	14.9	14.6
Madison, Ind	413	46	19.5	19	9.4	9	13.4	10.1
Louisville, Ky	367	28	8.6	19	4.2	30, 31	6.2	4.4
Evansville, Ind	184	35	16.7	21	4.5	3	10.4	12.2
Mount Vernon, Ind. (14)	148	35	15.6	21	4.0	3	10.0	11.6
Paducah, Ky	47	40	16.0	18	7.0	31	11.6	9.0
Cairo, Ill	1	45	18.6	22	9.9	31	14.4	8.7
St. Francis River.								
Marked Tree, Ark. (2)	104	17	5.4	23, 24	3.1	1, 2	4.5	2.3
Neosho River.								
Neosho Rapids, Kans	326	22	0.3	24, 25, 27-30,	0.2	1-12, 15, 31	0.3	0.1
Iola, Kans (22)	262	10	0.4	5-9	0.3	1-4		0.1
Oswego, Kans	184	20	0.3	18, 19	0.2	1-17, 20-31	0.2	0.1
Fort Gibson, Ind. T.	3	20	9.8	31	9.0	1-8	9.3	0.8
Canadian River.								
Calvin, Ind. T. (8)	99	10	1.0	12	0.1	28, 30, 31	0.4	0.9
Black River.								
Blackrock, Ark	67	12	2.0	20-25	1.4	1-11	1.7	0.6
White River.								
Calicorock, Ark	272	15	0.8	20-27	— 0.7	1-11	0.0	1.5
Batesville, Ark	217	18	3.5	21-26, 30	2.2	9-11	2.8	1.3
Newport, Ark	185	26	2.2	23, 24	0.2	6-11	2.8	2.0
Clarendon, Ark	75	30	10.5	26	5.7	9-11	8.0	4.8
Arkansas River.								
Wichita, Kans	832	10	1.2	9	— 0.1	1	0.3	1.3
Tulsa, Ind. T (16)	551	16	2.2	12	1.8	1, 5	2.0	0.4
Webbers Falls, Ind. T.	465	23	4.0	24-27	2.6	1	3.2	1.4
Fort Smith, Ark	403	22	3.5	14	1.8	9-11	2.5	1.7
Dardanelle, Ark	256	21	3.4	22	1.9	4	2.7	1.5
Little Rock, Ark	176	23	6.0	23, 24	3.4	6-12	4.5	2.6
Yazoo River.								
Greenwood, Miss	175	38	25.8	23, 24	18.9	1	23.5	6.9
Yazoo City, Miss	80	25	17.3	30, 31	10.3	1	15.0	7.0
Ouachita River.	*Miles.*	*Feet.*	*Feet.*		*Feet.*		*Feet.*	*Feet.*
Camden, Ark	304	39	27.9	16	7.0	9	16.7	20.9
Monroe, La	122	40	27.0	31	24.0	1	25.3	3.0
Red River.								
Arthur City, Tex	688	27	5.9	20, 21	4.2	3-10	4.7	1.7
Fulton, Ark	515	28	11.0	15	4.3	4-7	6.4	6.7
Springbank	441	29	11.6	17	3.8	9	7.1	7.8
Shreveport, La	327	29	5.6	19	0.6	10, 11	2.9	5.0
Alexandria, La	118	33	8.6	1	5.5	12	6.9	3.1
Mississippi River.								
St. Cloud, Minn. (31)	2,034	4						
St. Paul, Minn. (31)	1,954	14						
Red Wing, Minn. (31)	1,914	14						
Reeds Landing, Minn (29)	1,884	12	1.1	11	0.3	1		0.8
La Crosse, Wis. (31)	1,819	12						
Prairie du Chien, Wis. (31)	1,759	18						
Dubuque, Iowa	1,699	18	4.8	1	3.6	2	4.2	1.2
Clinton, Iowa (31)	1,629	16						
Leclaire, Iowa (31)	1,609	10						
Davenport, Iowa (24)	1,593	15	8.4	1, 7	5.2	3		3.2
Muscatine, Iowa	1,562	16	5.2	3	3.9	17	4.3	1.3
Galland, Iowa (18)	1,472	8	2.6	5	1.2	3	1.7	1.4
Keokuk, Iowa (18)	1,463	15	3.6	13	1.0	12	2.4	2.6
Warsaw, Ill. (10)	1,458	18	7.9	19	4.3	10, 11	5.8	3.6
Hannibal, Mo. (31)	1,402	13						
Grafton, Ill	1,306	23	6.7	25	2.2	1	4.9	4.5
St. Louis, Mo. (7)	1,264	30	9.6	24	— 0.3	1	3.3	9.9
Chester, Ill. (4)	1,189	30	8.0	24	0.8	2	4.6	7.2
Cape Girardeau, Mo	1,128	28	6.7	24-27	4.0	19	5.6	2.7
New Madrid, Mo	1,003	34	14.5	23	8.1	31	1.1	6.4
Luxora, Ark	905	33	8.3	24	3.4	1	5.4	4.9
Memphis, Tenn	843	33	11.0	24, 25	5.3	1	8.3	5.7
Helena, Ark	767	42	15.6	26	5.6	1	11.8	10.0
Arkansas City, Ark	635	42	18.0	27	5.9	1	13.5	12.1
Greenville, Miss	595	42	14.2	27, 28	4.6	1	10.5	9.6
Vicksburg, Miss	474	45	15.5	29	2.9	1	10.5	12.6
Natchez, Miss	373	46	18.4	30	6.0	1	13.3	12.4
Baton Rouge, La	240	35	12.0	31	2.8	1	7.7	9.2
Donaldsonville, La	188	28	8.2	31	2.1	1	5.2	6.1
New Orleans, La	108	16	5.7	31	2.6	1	4.2	3.1
Atchafalaya River.								
Simmesport, La	127		16.9	31	7.7	1	12.9	9.2
Melville, La	103	31	20.5	31	11.8	1	16.9	8.7
Morgan City, La. (8)	19	8	3.8	24	1.0	26	2.6	2.8
Penobscot River.								
Mattawamkeag, Me. (31)	87							
West Enfield, Me. (31)								
Kennebec River.								
Winslow, Me	46		4.6	9	3.3	15, 16, 22, 29	3.9	1.3
Merrimac River.								
Franklin Junction, N. H. (2)	110		5.9	17	3.9	1	5.0	2.0
Concord, N. H. (3)	94							
Manchester, N. H	68		3.8	8	2.3	5, 6, 24	3.0	1.5
Connecticut River.								
Wells River, Vt. (31)	255							
Whiteriver Junction, Vt (31)	209							
Bellows Falls, Vt	170	12	3.0	8	0.4	31	1.5	2.6
Holyoke, Mass	84	9	4.9	8	0.4	17	1.8	4.5
Hartford, Conn. (24)	50	13	11.8	9	4.5	20		7.3
Housatonic River.								
Gaylordsville, Conn	44	15	8.2	8	4.2	1	5.2	4.0
Mohawk River.								
Tribeshill, N. Y	42	15	4.6	9, 13	2.4	12	3.4	2.2
Schenectady, N. Y	19	15	6.5	8	1.3	30, 31	3.1	4.2
Hudson River.								
Glens Falls, N. Y	197		7.0	1	4.5	6, 31	5.8	2.5
Troy, N. Y	154	14	9.0	9	3.0	28, 31	5.6	6.0
Albany, N. Y	147	12	7.3	8	1.5	29	3.6	5.8
Stuyvesant, N. Y	128	9	4.5	8	— 0.5	18, 19	1.7	5.0
Pompton River.								
Pompton Plains, N. J. (7)	6	8	8.2	8	4.2	24	4.9	4.0
Passaic River.								
Chatham, N. J. (14)	69	7	8.3	9	3.2	1-3	5.5	5.1
Lehigh River.								
Mauchchunk, Pa. (8)	45	15	10.7	7	4.1	16, 17, 23, 24	4.4	6.6
Schuylkill River.								
Reading, Pa	66	12	9.9	7	0.2	25	1.3	9.7
Delaware River.								
Hancock (E. Branch), N. Y.	269	12	7.4	8	3.4	24, 25	4.6	4.0
Hancock (W. Branch), N. Y.	269	10	6.8	8	3.5	25	4.6	3.3
Port Jervis, N. Y	204	14	7.5	8	0.7	29	2.5	6.8
Phillipsburg, N. J. (13)	142	26	12.5	7	2.9	24	5.2	9.6
Trenton, N. J.	92	18	10.8	8	3.0	29, 30	5.8	7.8
North Branch Susquehanna.								
Binghamton, N. Y	183	16	7.5	8	3.0	25	4.1	4.5
Towanda, Pa	139	16	8.0	8	2.0	23	3.3	6.0
Wilkesbarre, Pa	60	17	14.6	7	5.2	28	9.3	9.4
West Branch Susquehanna.								
Clearfield, Pa	165	8	2.8	14	1.7	1, 2, 6-12	1.9	1.1
Lockhaven, Pa. (31)	65	12						
Williamsport, Pa	39	20	11.0	7	2.7	30	4.9	8.3
Juniata River.								
Huntingdon, Pa	90	24	4.3	14	3.2	26	3.6	1.1
Susquehanna River.								
Selingsgrove, Pa	116	17	7.6	8	2.0	31	3.5	5.6
Harrisburg, Pa	69	17	9.9	8	2.9	26	5.0	7.0
Shenandoah River.								
Riverton, Va	58	22	0.5	1-6	0.0	7	0.2	0.5
Potomac River.								
Cumberland, Md.	290	8	5.0	13	2.8	1-3	3.4	2.2
Harpers Ferry, W. Va	172	18	4.0	16	1.0	2-5	2.0	3.0
James River.								
Buchanan, Va (6)	305	12	5.1	14	2.0	5, 6	2.7	3.1
Lynchburg, Va. (6)	260	18	3.7	15	0.3	2-6	1.2	3.4

TABLE VI.—*Heights of rivers referred to zeros of gages*—Continued.

Stations.	Distance to mouth of river.	Danger line on gage.	Highest water.		Lowest water.		Mean stage.	Monthly range.
			Height.	Date.	Height.	Date.		
James River—Cont'd.	*Miles.*	*Feet.*	*Feet.*		*Feet.*		*Feet.*	*Feet.*
Columbia, Va.	167	18	7.9	7	2.6	2, 7	4.3	5.3
Richmond, Va.	111	12	2.3	8	− 0.7	28	0.4	3.0
Dan River.								
Danville, Va. (4)	55	8	2.9	8	− 0.3	30, 31	0.4	3.2
Roanoke River.								
Weldon, N. C.	129	30	27.0	9	8.5	27	12.3	18.5
Cape Fear River.								
Fayetteville, N. C.	112	38	29.4	8	5.8	30, 31	11.1	23.6
Waccamaw River.								
Conway, S. C.	40	7	3.2	24, 25	1.0	5	2.1	2.2
Pedee River.								
Cheraw, S. C.	149	27	20.1	8	2.1	31	5.7	18.0
Smiths Mills, S. C.	51	16	12.2	21	5.0	7	9.1	7.2
Lynch Creek.								
Effingham, S. C.	35	12	7.5	9, 10	5.0	3, 27-31	6.1	2.5
Black River.								
Kingstree, S. C.	45	12	4.6	25, 26	3.5	6	4.0	1.1
Catawba River.								
Mount Holly, N. C.	28	15	5.0	13	1.6	20-23, 25-28	1.9	3.4
Wateree River.								
Camden, S. C.	37	24	18.5	15	4.0	29, 30	7.5	14.5
Congaree River.								
Columbia, S. C.	52	15	6.7	14	0.4	29	1.3	6.3
Santee River.								
St. Stephens, S. C.	50	12	7.9	21-23	2.2	31	5.3	5.7
Edisto River.								
Edisto, S. C.	75	6	3.2	17-19	2.2	31	2.9	1.0
Broad River.								
Carlton, Ga.	30	11	6.1	13	2.0	5, 6, 29-31	2.6	4.1
Savannah River.								
Calhoun Falls, S. C.	347	15	8.0	13	2.3	31	3.3	5.7
Augusta, Ga.	268	32	19.0	14	6.8	29	8.7	12.2
Oconee River.								
Milledgeville, Ga.	147	25	7.0	15	1.8	31	2.8	5.2
Dublin, Ga.	79	30	5.0	16	0.4	5, 6	1.7	4.6
Ocmulgee River.								
Macon, Ga.	203	18	9.0	14	1.7	28	3.1	7.3
Abbeville, Ga.	96	11	7.3	19	2.8	31	4.2	4.5
Flint River.								
Woodbury, Ga.	227	10	2.1	13	0.3	28, 29	0.8	1.8
Montezuma, Ga.	152	20	7.6	15	3.2	29-31	4.3	4.4
Albany, Ga.	90	20	6.4	17	2.0	6	3.4	4.4
Bainbridge, Ga.	29	22	7.5	19	3.8	7, 8	5.2	3.7
Chattahoochee River.								
West Point, Ga.	239	20	12.7	12	2.2	6	3.7	10.5
Eufaula, Ala.	90	40	19.5	14	1.8	8	5.1	17.7
Alaga, Ala.	30	25	19.0	15	2.9	6	6.1	16.1
Coosa River.								
Rome, Ga.	271	30	20.7	13	1.0	29	4.3	19.7
Gadsden, Ala.	144	22	18.7	15	1.4	5	5.6	17.3
Lock No. 4, Ala.	116	17	14.7	15	1.4	6	5.0	13.3
Wetumpka, Ala.	6	45	33.8	15	4.0	6	11.6	29.8
Tallapoosa River.								
Milstead, Ala.	38	35	30.2	14	1.7	5	5.2	28.5
Alabama River.								
Montgomery, Ala.	265	35	32.0	15	1.8	6	9.5	30.2
Selma, Ala.	212	35	33.0	17, 18	2.5	8-10	11.2	30.5
Black Warrior River.	*Miles.*	*Feet.*	*Feet.*		*Feet.*		*Feet.*	*Feet.*
Tuscaloosa, Ala.	90	43	46.7	14	7.6	7	16.3	39.1
Tombigbee River.								
Columbus, Miss.	303	33	12.0	14	0.9	6	4.0	11.1
Vienna, Ala.	233	42	19.9	15	2.8	9	9.4	17.1
Demopolis, Ala.	155	35	36.9	17, 18	5.0	10	18.7	31.9
Leaf River.								
Hattiesburg, Miss.	60	20	15.4	13	2.5	4, 5	5.2	12.9
Chickasawhay River.								
Enterprise, Miss.	144	18	13.4	13	1.8	11	4.7	11.6
Shubuta, Miss.	106	25	25.0	13, 14	4.6	5, 6	7.7	20.4
Pascagoula River.								
Merrill, Miss.	78	20	19.5	17	2.4	7	9.6	17.1
Pearl River.								
Jackson, Miss.	242	20	7.5	20, 30	2.9	8-11	5.2	4.6
Columbia, Miss.	110	14	11.8	14	5.0	3, 4	7.4	6.8
Sabine River.								
Logansport, La.	315	25	24.0	1	5.8	10	10.6	18.2
Neches River.								
Rockland, Tex.	105	20	6.0	7	2.8	27, 28	4.2	3.2
Beaumont, Tex.	18	10	1.7	5	− 0.7	26	0.8	2.4
Trinity River.								
Dallas, Tex.	320	25	11.1	12	2.2	3-5	3.0	8.9
Long Lake, Tex.	211	35	11.8	17	1.7	7, 9	4.1	10.1
Riverside, Tex.	112	40	5.1	19	0.6	11	2.1	4.5
Liberty, Tex.	20	25	15.2	1	4.2	31	6.2	11.0
Brazos River.								
Kopperl, Tex.	345	21	3.8	12	− 1.0	4-10	0.7	4.8
Waco, Tex.	285	24	5.0	13	2.5	1-10	2.8	2.5
Hempstead, Tex.	140	40	3.0	1	− 2.2	11-14	−0.8	5.2
Booth, Tex.	61	39	6.0	3	2.5	31	4.0	3.5
Colorado River.								
Ballinger, Tex.	489	21	1.5	15-31	1.3	13	1.5	0.2
Austin, Tex.	214	18	1.3	1, 2, 15, 16, 19	1.1	29-31	1.2	0.2
Columbus, Tex.	98	24	7.1	15	5.8	29-31	6.2	1.3
Guadalupe River.								
Gonzales, Tex.	112	22	1.0	14	0.6	1, 3-9, 21-31	0.7	0.4
Victoria, Tex.	35	16	8.5	1	1.5	29, 30	2.4	7.0
Red River of the North.								
Moorhead, Minn. (31)	284	26	.....	.....	.....	.....	.....	.....
Kootenai River.								
Bonners Ferry, Idaho (31)	123	24	.....	.....	.....	.....	.....	.....
Pend d'Oreille River.								
Newport, Wash.	86	14	− 1.2	7	− 3.1	13	−1.5	1.9
Snake River.								
Lewiston, Idaho	144	24	3.6	25	1.2	12-14	2.1	2.4
Columbia River.								
Wenatchee, Wash.	473	40	4.5	25, 28-31	3.5	9	4.2	1.0
Umatilla, Oreg. (3)	270	25	0.0	2, 29-31	− 2.3	20-22	−1.2	2.3
The Dalles, Oreg.	166	40	2.2	28	− 0.9	14, 15	0.4	3.1
Willamette River.								
Eugene, Oreg.	183	10	7.0	1	3.6	13	5.2	3.4
Albany, Oreg.	118	20	16.8	1	3.8	13	6.7	13.0
Salem, Oreg.	84	20	15.7	1	3.2	13, 14	6.4	12.5
Portland, Oreg.	12	15	10.7	1	1.6	14, 15	5.1	9.1
Sacramento River.								
Red Bluff, Cal.	201	23	24.5	23	2.5	12	9.3	22.0
Sacramento, Cal.	64	25	20.8	29-31	16.6	14	18.7	4.2

Small figures indicate number of days river was frozen. (4) Five days missing.

RAINFALL IN JAMAICA.

Through the kindness of Mr. H. H. Cousins, chemist to the government of Jamaica and now in charge of the meteorological service of that island, we have received the following table in advance of the regular monthly weather report for Jamaica:

The rainfall for January was, therefore, considerably above the average for the whole island. The greatest rainfall, 37.27 inches, was recorded at Moore Town, in the northeastern division, while, 0.07 inch fell at Plum Point Lighthouse in the southern division.

Comparative table of rainfall for January, 1905.

[Based upon the average stations only.]

Divisions.	Relative area.	Number of stations.	Rainfall.	
			1905.	Average.
	Per cent.		*Inches.*	*Inches.*
Northeastern division	25	23	14.09	7.53
Northern division	22	53	10.11	4.09
West-central division	26	25	5.32	2.80
Southern division	27	31	1.78	1.83
Means	100	132	7.83	4.06