Gulf States, the upper Lake, southern slope, middle Plateau, north Pacific, and south Pacific regions. In the remaining districts it was above the normal.

The averages by districts appear in the following table:

Average relative humidity and departures from the normal.

Districts.	Average.	Departure from the normal.	Districts.	Average.	Departure from the normal.
	%			%	
New England	74	− 2	Missouri Valley	75	0
Middle Atlantic	76	+ 1	Northern Slope	73	+ 4
South Atlantic	77	− 1	Middle Slope	70	+ 4
Florida Peninsula	82	+ 1	Southern Slope	64	− 2
East Gulf	78	+ 1	Southern Plateau	52	+ 6
West Gulf	71	− 3	Middle Plateau	64	− 4
Ohio Valley and Tennessee	76	0	Northern Plateau	78	0
Lower Lake	79	+ 1	North Pacific	86	− 1
Upper Lake	81	− 1	Middle Pacific	81	+ 2
North Dakota	83	+ 4	South Pacific	64	− 5
Upper Mississippi Valley	80	+ 2			

ATMOSPHERIC ELECTRICITY.

Numerical statistics relative to auroras and thunderstorms are given in Table IV, which shows the number of stations from which meteorological reports were received, and the number of such stations reporting thunderstorms (T) and auroras (A) in each State and on each day of the month, respectively.

Thunderstorms.—Reports of 253 thunderstorms were received during the current month as against 164 in 1903 and 144 during the preceding month.

The dates on which the number of reports of thunderstorms for the whole country was most numerous were: 26th, 79; 27th, 51; 25th, 21.

Reports were most numerous from: Louisiana, 28; Missouri, 22; Tennessee and Texas, 20.

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, December 18 to 26, inclusive.

In Canada: Thunderstorms were reported from Sidney, 1; Parry Sound, 27; Port Simpson, 18; Hamilton, Bermuda, 18.

Auroras were reported from Father Point, 4; Minnedosa, 1; Edmonton, 9; Prince Albert, 16.

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.	9	54	nw.	Mount Weather, Va	29	64	nw.
Do	12	53	ne.	Nantucket, Mass	13	51	ne.
Do	18	60	n.	Do	18	64	n.
Do	28	60	w.	New York, N. Y	8	53	nw.
Do	29	57	w.	Do	28	54	w.
Buffalo, N. Y	8	50	nw.	North Head, Wash	14	70	s.
Do	20	54	w.	Do	16	60	se.
Do	28	71	w.	Do	22	69	se.
Cape Henry, Va	10	54	nw.	Do	23	54	w.
Carson City, Nev	24	62	sw.	Do	24	50	nw.
Cheyenne, Wyo	15	52	w.	Do	28	74	se.
Chicago, Ill	27	72	sw.	Do	29	85	se.
Do	28	50	sw.	Pittsburg, Pa	28	54	w.
Cleveland, Ohio	20	60	w.	Point Reyes Light, Cal	9	52	se.
Columbus, Ohio	20	51	sw.	Do	21	58	nw.
Do	27	51	sw.	Do	22	70	nw.
Do	28	50	sw.	Do	24	62	s.
Detroit, Mich	27	50	sw.	Do	25	62	nw.
Do	18	55	sw.	Do	29	65	s.
Duluth, Minn	18	51	nw.	Do	30	80	s.
Do	27	65	nw.	Do	31	52	nw.
Do	28	63	nw.	Port Huron, Mich	28	50	sw.
Eastport, Me	27	50	e.	Pueblo, Cal	15	53	nw.
Hatteras, N. C	10	50	n.	Sioux City, Iowa	27	57	nw.
Helena, Mont	15	50	w.	Southeast Farallon, Cal	22	50	nw.
Indianapolis, Ind	27	58	sw.	Do	30	58	s.
Lincoln, Nebr	27	50	nw.	Tatoosh Island, Wash	1	52	sw.
Memphis, Tenn	27	56	sw.	Do	3	58	e.
Mount Tamalpais, Cal	24	54	sw.	Do	9	62	s.
Do	25	50	nw.	Do	14	72	sw.
Do	30	58	se.	Do	15	60	w.
Do	31	54	nw.	Do	16	66	s.
Mount Weather, Va	7	50	nw.	Do	18	52	sw.
Do	8	58	nw.	Do	31	66	sw.
Do	20	60	nw.	Valentine, Nebr	16	50	nw.
Do	21	54	nw.	Do	18	52	nw.
Do	28	73	nw.				

DESCRIPTION OF TABLES AND CHARTS.

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

For description of tables and charts see page 475 of REVIEW for October, 1904.

TABLE I.—*Climatological data for Weather Bureau stations, December, 1904.*

Stations.	Elevation of instruments.			Pressure, in inches.			Temperature of the air, in degrees Fahrenheit.										Mean wet thermometer.	Mean temperature of the dew-point.	Mean relative humidity, per cent.	Precipitation, in inches.			Wind.					Clear days.	Partly cloudy days.	Cloudy days.	Average cloudiness, tenths.	Total snowfall.
	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.				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.					
New England.							22.3	— 7.6											74	2.69	— 0.9									6.4	
Eastport	76	69	82	29.85	29.94	— .04	17.0	— 8.5	46	28	25	— 6	25	9	29	15	9	69	2.41	— 1.6	11	10,376	nw.	50	e.	27	9	11	11	6.0	19.6
Portland, Me.	103	81	117	29.86	29.99	— .04	18.6	— 8.8	37	19	25	— 3	25	12	27	17	12	76	1.43	— 2.1	7	6,106	nw.	28	sw.	28	10	13	8	5.2	8.6
Concord	288	70	79	29.65	30.00	— .06	18.6	— 7.4	49	24	28	— 4	25	9	45	.....	.....	.....	1.81	— 1.5	11	3,280	nw.	27	w.	29	10	6	15	6.1	10.3
Northfield	876	16	60	29.03	30.03	— .02	11.4	—10.0	48	23	22	—14	15	1	37	9	6	81	1.32	— 1.4	9	4,913	n.	35	nw.	24	5	9	17	6.8	9.0
Boston	125	115	181	29.86	30.00	— .05	25.8	— 5.3	49	23	33	6	25	19	36	23	17	67	2.52	— 1.0	9	8,004	nw.	33	w.	29	6	10	15	6.8	12.0
Nantucket	12	14	90	29.96	29.97	— .08	30.0	— 6.4	53	28	35	14	11	25	24	29	25	79	4.67	+ 0.4	17	13,184	w.	64	n.	18	3	10	18	7.3	24.1
Block Island	26	11	46	29.98	30.00	— .06	29.6	— 6.6	53	28	35	12	11	24	27	27	23	76	2.93	— 0.7	16	17,031	nw.	60	n.	18	6	9	16	7.0	19.9
Narragansett	.....	9	38	.....	.....	.....	25.2	— 7.6	52	28	34	6	*	16	32	.....	.....	.....	3.50	— 0.2	12	.....	ne.	.....	.....	.....	10	5	16	.....	23.0
New Haven	106	116	154	29.91	30.03	— .04	24.8	— 7.4	48	31	32	5	15	18	31	23	17	70	3.64	+ 0.2	13	7,958	n.	33	w.	28	8	9	14	6.2	27.3
Mid. Atlantic States.							31.2	— 5.0										76	3.32	+ 0.1										6.5	
Albany	97	102	115	29.94	30.05	— .03	20.4	— 8.2	49	24	28	— 2	14	13	32	18	15	81	1.78	— 1.0	15	5,700	n.	26	n.	24	4	8	19	7.5	12.5
Binghamton	875	79	90	29.05	30.01	— .08	23.3	— 5.2	54	28	30	4	10	16	38	.....	.....	.....	1.12	— 1.7	20	5,348	w.	30	w.	28	0	8	23	8.3	10.9
New York	314	108	350	29.68	30.04	— .05	28.2	— 6.2	52	28	34	9	11	23	30	26	23	80	3.87	+ 0.6	13	10,695	w.	54	w.	28	10	4	17	6.5	26.8
Harrisburg	374	94	104	29.66	30.08	— .04	27.0	— 7.4	53	23	33	7	15	21	30	24	19	73	2.39	— 0.6	12	5,322	w.	40	nw.	8	8	4	19	6.8	18.4
Philadelphia	117	116	184	29.93	30.06	— .05	29.8	— 5.7	54	28	36	12	11	24	30	27	22	70	2.28	— 0.5	13	8,680	sw.	29	nw.	8	7	7	17	6.9	18.9
Scranton	805	111	119	29.15	30.05	— .05	24.8	.....	53	28	32	2	15	18	34	23	19	77	3.71	.....	24	6,226	sw.	38	w.	28	0	11	20	8.4	25.6
Atlantic City	52	39	48	29.99	30.05	— .05	31.8	— 4.6	52	28	38	8	11	25	28	29	25	77	4.68	+ 0.8	15	7,095	nw.	27	ne.	10	10	5	16	6.2	15.0
Cape May	17	48	52	30.05	30.07	— .04	32.6	— 5.3	52	28	38	12	11	27	27	30	.....	.....	5.38	+ 1.6	15	7,806	n.	36	nw.	28	8	11	12	6.2	18.6
Baltimore	123	69	117	29.92	30.06	— .07	31.6	— 5.9	58	31	38	12	11	25	33	27	22	71	3.34	+ 0.2	11	5,503	nw.	40	w.	28	8	2	21	7.1	17.1
Washington	112	59	76	29.95	30.08	— .05	30.9	— 5.3	60	28	39	6	15	23	37	27	22	74	3.33	+ 0.3	11	4,580	nw.	28	nw.	28	8	6	17	6.7	13.2
Cape Henry	18	11	58	30.05	30.07	— .05	39.9	— 4.0	70	28	47	24	17	33	37	.....	.....	.....	4.49	+ 0.6	14	12,013	s.	54	nw.	10	12	7	12	5.3	3.7
Lynchburg	681	83	88	29.32	30.09	— .05	36.0	— 3.3	65	23	45	13	14	27	36	31	27	74	2.81	— 0.2	14	3,187	sw.	23	s.	27	12	7	12	5.5	8.8
Mount Weather	1,725	10	57	28.16	30.04	.....	27.2	.....	55	31	34	7	11	20	38	24	21	80	2.67	.....	11	12,779	nw.	73	nw.	28	9	10	12	5.9	14.3
Norfolk	91	102	111	29.98	30.08	— .05	39.3	— 3.5	69	28	47	20	11	32	38	35	31	76	5.22	+ 1.6	13	7,440	n.	44	sw.	28	13	5	13	5.4	6.5
Richmond	144	82	90	29.93	30.09	— .05	35.8	.....	67	28	44	12	13	27	37	.....	.....	.....	3.71	.....	15	4,176	sw.	32	sw.	28	14	4	13	5.1	8.5
Wytheville	2,293	40	47	27.62	30.08	— .07	34.2	— 0.5	62	27	42	12	14	26	34	30	27	81	2.48	— 0.3	14	5,620	w.	30	w.	20	12	4	15	5.7	1.6
S. Atlantic States.							46.3	— 1.6										77	2.09	— 1.3										5.2	
Asheville	2,255	53	75	27.68	30.07	— .09	38.6	— 1.0	67	25	48	14	29	30	38	34	30	76	2.02	— 0.9	11	6,494	nw.	34	se.	27	11	8	12	5.6	2.5
Charlotte	773	68	76	29.25	30.11	— .05	40.8	— 2.8	71	27	49	23	29	33	30	36	31	75	2.86	— 1.2	12	5,409	sw.	34	sw.	28	12	6	13	5.3	3.3
Hatteras	11	12	47	30.07	30.08	— .05	46.4	— 1.8	70	28	53	29	11	40	28	43	40	82	2.72	— 2.8	10	12,282	ne.	50	n.	10	13	6	12	5.9	
Raleigh	376	71	79	29.68	30.10	— .05	40.4	— 3.5	73	27	49	20	11	32	37	35	30	76	3.02	— 0.1	12	4,927	sw.	30	sw.	28	14	5	12	5.2	4.6
Wilmington	78	82	90	30.00	30.09	— .06	45.7	— 2.6	71	27	55	24	11	36	33	40	37	80	1.74	— 1.2	10	5,964	ne.	34	sw.	27	14	7	10	4.6	
Charleston	48	14	92	30.07	30.12	— .03	50.4	— 1.1	72	23	58	29	29	43	28	45	41	79	1.08	— 2.2	10	7,616	w.	34	w.	28	11	12	8	5.2	
Columbia, S. C.	351	167	175	29.71	30.10	— .06	45.6	— 2.3	75	27	54	25	29	37	29	40	35	74	2.38	— 0.6	11	7,171	sw.	40	sw.	17	11	7	13	5.9	
Augusta	180	89	97	29.92	30.12	— .04	47.2	— 0.5	75	27	57	24	30	38	37	41	37	76	2.48	— 0.9	12	4,772	w.	36	w.	17	13	8	10	4.6	
Savannah	65	81	89	30.06	30.13	— .02	52.0	— 0.4	72	27	61	31	29	44	27	45	41	74	0.93	— 2.3	9	5,759	w.	28	w.	17	9	14	8	5.2	
Jacksonville	43	101	129	30.06	30.11	— .03	55.6	— 0.4	76	3	65	31	29	46	29	49	46	79	1.68	— 1.2	6	6,113	nw.	42	sw.	27	11	10	10	5.1	
Florida Peninsula.							65.3	— 0.9										83	0.75	— 1.3										4.9	
Jupiter	28	10	48	30.07	30.10	.00	65.6	— 1.1	82	5	74	39	29	58	32	60	58	82	0.49	— 2.3	7	7,280	nw.	30	s.	27	7	20	4	5.2	
Key West	22	10	53	30.07	30.09	+ .01	69.5	— 0.5	83	3	74	56	29	65	17	64	62	82	0.34	— 1.3	2	6,841	ne.	26	nw.	17	8	19	4	5.0	
Tampa	34	79	96	30.08	30.12	.00	60.8	— 1.1	80	1	70	35	29	52	30	54	51	81	1.41	— 0.4	7	5,523	ne.	24	w.	28	13	13	5	4.4	
East Gulf States.							49.8	— 1.0										79	3.78	— 0.8										5.3	
Atlanta	1,174	190	216	28.85	30.11	— .05	43.8	— 1.5	68	26	51	21	29	37	31	40	35	76	3.25	— 0.9	13	9,824	nw.	46	w.	17	12	7	12	5.5	0.3
Macon	370	93	99	29.71	30.11	— .05	47.9	.....	72	26	57	24	30	39	33	.....	.....	.....	3.32	.....	12	4,841	nw.	29	s.	27	11	4	16	5.7	T.
Pensacola	56	79	96	30.07	30.13	— .02	53.6	— 0.9	76	5	61	30	28	46	29	.....	.....	.....	6.72	+ 2.8	9	7,016	nw.	38	sw.	16	11	9	11	5.2	
Birmingham	700	136	143	29.33	30.12	— .04	47.2	— 1.0	72	26	56	21	29	39	41	.....	.....	.....	5.05	0.0	11	5,876	w.	36	s.	27	12	3	16	5.6	T.
Mobile	57	88	96	30.08	30.14	— .01	52.0	— 0.4	73	3	61	29	30	44	31	48	44	78	2.77	— 1.7	9	4,825	nw.	26	nw.	27	10	13	8	5.2	
Montgomery	223	100	112	29.88	30.12	— .04	49.3	— 0.3	75	26	59	25	30	40	34	45	42	83	3.04	— 1.6	12	5,004	w.	35	sw.	27	13	5	13	5.0	
Meridian	375	84	93	29.72	30.13	— .03	47.6	— 2.9	76	3	58	23	30	38	43	.....	.....	.....	3.50	— 1.8	12	4,338	w.	28	s.	26	13	6	12	5.0	
Vicksburg	247	62	74	29.84	30.11	— .04	50.0	— 0.6	74	26	59	25	28	41	41	44	39	74	3.57	— 1.4	10	6,005	se.	30	nw.	17	10	10	11	5.1	T.
New Orleans	51	88	121	30.08	30.13	.00	54.9	— 0.6	78	25	63	32	28	47	36	50	46	78	2.37	— 2.0	10	6,719	nw.	35	s.	26	11	8	12	5.6	
West Gulf States.							49.9	— 1.5										71	3.63	+ 0.3										5.1	
Shreveport	249	77	84	29.85	30.13	.00	48.9	— 0.6	77	2	58	22	27	39	35	43	37	70	9.62	+ 4.9	5	5,964	se.	32	w.	26	15	8	8	4.7	
Fort Smith	457	79	94	29.60	30.09	— .04	41.5	— 1.3	72	2	52	12	27	31	35	36	30	70	0.55	— 2.6	8	7,764	e.	42	w.	27	11	10	10	5.2	1.2
Little Rock	357	93	100	29.72	30.11	— .03	44.2	— 0.8	70	24	53	19	28	35	30	39	32	68	5.64	+ 1.3	9	6,774	sw.	34	nw.	27	11	6	14	5.6	0.6
Corpus Christi	20	48	53	30.12	30.14	+ .02	57.2	— 2.1	80	2	65	33	28	50	24	52	47	75	2.47	+ 1.2	12	6,161	n.	32	ne.	31	8	12	11	5.7	
Fort Worth	670	106	114	29.40	30.13	+ .01	47.1	.....	73	25	57	19	27	37	44	.....	.....	.....	0.36	.....	2	9,708	nw.	40	nw.	16	17	5	9	3.8	
Galveston	54	106	112	30.08	30.14	+ .02	55.0	— 2.1	75	2	60	32	27	50	21	51	48	80	2.00	— 2.0	10	8,912	nw.	42	nw.	26	10	8	13	5.2	
Palestine	510	73	79	29.58	30.12	.00	49.6	— 1.8	80	2	59	22	27	40	36	44	38	72	4.08	+ 0.3	8	5,473	nw.	27	nw.	27	12	10	9	4.9	
San Antonio	701	80	91	29.39	30.13	+ .02	52.8	— 2.1	85	2	64	26	28	42	35	45	38	65	1.06	— 0.8	8	5,028	nw.	39	nw.	26	16	7	8	4.3	
Taylor	583	55	63	29.51	30.14	+ .03	50.4	.....	82	2	61	22	28	40	41	.....	.....	.....	0.82	.....	7	6,607	s.	32	nw.	27	6	12	13	6.3	
Ohio Val. and Tenn.							35.4	— 2.4										76	4.37	+ 0.8										6.4	
Chattanooga	762	106	112	29.30	30.14	— .02	43.2	— 0.4	68	25	52	20	29	35	34	39	34	75	4.12	— 0.2	13	5,719	sw.	34	sw.	28	9	9	13	5.6	1.0
Knoxville	1,004	35	88	29.02	30.10	— .06	40.0	+ 0.1	69	27	48	17	29	32	37	36	33	81	5.37	+ 1.3	14	5,854	sw.	48	sw.	27	9	2	20	6.8	T.
Memphis	397	146	154	29.70	30.13	— .02	44.2	+ 0.6	69	25	52	19	29	37	38	38	33	70	10.40	+ 6.2	12	8,780	s.	56	sw.	27	11	5	15	5.8	0.4
Nashville	546	122	134	29.52	30.12	— .03	42.0	+ 0.3	72	25	50	16	29	34	39	37	32	75	5.01	+ 1.3	11	5,987	s.	37	s.	26	11	7	13	5.4	T.
Lexington	989	75	102	28.98	30.08	— .06	34.0	— 4.6	65	27	42	9	29	26	42	.....	.....	.....	3.10	— 0.3	13	9,383	sw.	48	w.	27	5	14	12	6.0	3.5
Louisville	525	114	136	29.50	30.10	— .04	35.8	— 2.6	63	26	44	12	29	28	42	32	28	74	3.66	— 0.2	14	7,412	sw.	48	sw.	27	7	7	17	6.5	4.6
Evansville	431	72	82	29.59	30.08	— .05	36.4	.....	62	26	44	10	28	29	45	.....	.....	.....	3.88	.....	14	6,576	s.	36	w.	28	11	8	12	5.6	4.5
Indianapolis	822	154	164	29.15	30.07	— .05	29.2	— 3.9	59	27	37	6	14	21	50	27	23	80	4.85	+ 1.7	11	8,771	ne.	58	sw.	27	7	10	14	6.0	6.4
Cincinnati	628	152	160	29.38	30.09	— .04	32.4	— 4.2	63	27	41	8	14	24	41	29	25	75	3.75	+ 0.6	13	6,257	sw.	37	sw.	27	7	8	16	6.5	7.2
Columbus	824	173	190	29.16	30.06	— .06	29.0	— 4.3	62	27	37	5	16	21	37	26	23	80	3.63	+ 0.7	9	9,961	sw.	51	sw.	27	5	10	16	6.7	6.1
Pittsburg	842	336	352	29.11	30.05	— .06	31.2	— 3.8	70	27	38	6	11	24	34	27	22	71	2.34	— 0.5	13	8,762	sw.	54	w.	28	2	7	22	8.3	8.4
Parkersburg	638	77	84	29.39	30.10	— .04	32.3	— 4.3	64	27	40	— 1	11	25	36	29	24	74	3.01	+ 0.3	11	5,023	n.	31	nw.	20	11	5	15	5.9	11.0
Elkins	1,940	41	50	27.95	30.05	— .07	31.1	— 1.2	65	27	40	— 4	11	22	49	28	23	76	3.19	— 1.0	16	3,882	w.	24	w.	8	4	7	20	7.6	12.3
Lower Lake Region.							25.4	— 5.1										79	2.50	— 0.4										7.2	
Buffalo	767	178	206	29.14	30.00	— .06	24.2	— 5.6	58	27	30	5	15	19	27	22	18	78	2.65	— 0.7	25	13,898	sw.	71	w.	28	0	7	24	8.8	18.0
Oswego	335	76	91	29.62	30.01	— .05	21.9	— 7.5	49	23	28	0	11	15	25	21	18	87	4.12	+ 0.7	19	9,536	se.	39	w.	28	1	3	27	9.1	28.8
Rochester	523	81	102	29.42	30.02	— .04	23.8	— 4.8	50	31	30	0	16	18	22	21	18	80	2.46	— 0.4	15	7,244	sw.	44	sw.	28	0	7	24	8.8	15.8
Syracuse	597	97	113	29.35	30.02	— .05	21.7	.....	51	27	28	— 1	10	15	34	.....	.....	.....	2.80	.....	19	9,188	sw.	47	w.	29	1	5	25	8.9	7.8
Erie	713	92	102	29.22	30.02	— .05	26.7	— 5.7	61	27	32	8	15	21	28	24	21	77	1.82	— 1.4	18	10,121	sw.	43	se.	27	1	2	28	9.1	12.1
Cleveland	762	190	201	29.18	30.03	— .06	27.3	— 3.9	62	27	33	11	29	22	33	25	20	72	2.49	— 0.1	19	13,132	sw.	60	w.	20	4	5	22	8.1	11.8
Sandusky	629	62	70	29.32	30.03	— .06	27.5	— 5.0	62	27	34	9	14	21	41	.....	.....	.....	2.31	— 0.1	10	7,874	sw.	35	sw.	28	5	8	18	7.2	4.5
Toledo	628	120	127	29.33	30.04	— .04	26.2	— 4.5	60	27	33	6	14	20	44	24	20	78	2.33	— 0.1	13	9,360	sw.	48	sw.	27	6	6	19	7.3	8.0
Detroit	730	153	193	29.20	30.02	— .05	25.8	— 3.7	56	27	32	12	28	20	38	24	20	80	1.83	— 0.7	11	10,326	sw.	55	sw.	28	4	7	20	7.7	7.5
Upper Lake Region.							21.1	— 3.2										80	1.70	— 0.5										7.6	
Alpena	609	63	80	29.31	30.00	— .02	21.3	— 3.5	44	23	28	1	16	15	30	20	17	84	1.74	— 0.7	19	8,033	w.	36	nw.	28	2	9	20	8.1	9.1
Escanaba	612	40	48	29.31	30.01	— .02	19.6	— 1.8	44	31	26	2	21	13	25	17	13	78	1.59	— 0.3	11	6,227	sw.	33	ne.	27	3	9	19	7.4	11.7
Grand Rapids	707	127	165	29.22	30.02	— .03	24.6	— 4.1	52	23	31	2	13	18	26	23	20	82	1.72	— 1.2	10	9,599	sw.	42	sw.	27	5	10	16	7.5	15.7
Houghton	668	66	74	29.24	30.00	— .02	19.4	.....	46	30	26	— 2	15	13	21	.....	.....	.....	3.29	.....	24	5,138	nw.	32	n.	28	0	7	24	8.9	36.8
Marquette	734	76	116	29.17	30.00	— .02	20.8	— 2.0	49	31	27	6	24	15	27	19	15	79	2.35	— 0.1	18	9,318	w.	42	nw.	28	3	9	19	7.6	25.4
Port Huron	638	70	120	29.32	30.03	— .03	24.0	— 3.8	55	27	30	7	16	18	35	22	18	79	1.55	— 0.8	10	10,079	sw.	50	sw.	28	1	11	19	7.8	14.1
Sault Ste. Marie	614	40	61	29.28	29.99	— .01	14.6	— 8.0	39	31	21	—13	24	8	32	14	11	86	0.98	— 1.1	13	6,871	e.	38	ne.	27	4	4	23	8.1	10.0
Chicago	823	241	274	29.12	30.04	— .04	26.8	— 2.5	54	23	32	2	29	21	32	25	22	79	1.21	— 1.1	11	15,265	sw.	72	sw.	27	7	5	19	7.3	6.7
Milwaukee	681	124	142	29.26	30.02	— .04	25.2	— 0.4	52	23	32	4	28	19	25	23	19	78	2.67	+ 0.7	11	10,162	w.	43	sw.	27	5	7	19	7.4	20.8
Green Bay	617	49	86	29.32	30.02	— .02	20.0	— 3.8	44	23	27	— 6	14	13	27	18	14	78	2.34	+ 0.4	9	8,899	sw.	43	n.	12	7	10	14	6.7	16.4
Duluth	1,133	11	47	28.75	30.03	— .02	14.4	— 2.6	49	31	22	—10	12	7	23	13	11	88	0.90	— 0.5	16	11,527	nw.	65	nw.	27	2	16	13	7.2	13.5

TABLE I.—*Climatological data for Weather Bureau stations, December, 1904*—Continued.

Stations.	Elevation of instruments.			Pressure, in inches.			Temperature of the air, in degrees Fahrenheit.									Mean wet thermometer.	Mean temperature of the dew-point.	Mean relative humidity, per cent.	Precipitation, in inches.			Wind.					Clear days.	Partly cloudy days.	Cloudy days.	Average cloudiness, tenths.	Total snowfall.
	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.				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.					
North Dakota.							14.8	+ 1.6										83	0.90	+ 0.2									6.7	
Moorhead	935	8	57	29.03	30.10	+ .02	14.7	+ 2.8	44	31	25	−18	28	5	39	13	11	89	0.74	0.0	8	7,547	nw.	40	nw.	19	8	8	15	6.7	8.1
Bismarck	1,674	16	29	28.23	30.10	+ .02	15.6	+ 0.9	47	19	25	−25	27	6	42	13	8	71	1.39	+ 0.7	11	7,210	nw.	45	nw.	19	9	9	13	6.0	13.9
Devils Lake	1,482	11	44	28.39	30.05	.....	11.8	.....	44	30	21	−25	28	3	41	10	7	83	0.31	.....	6	9,514	sw.	46	nw.	19	5	8	18	7.2	3.4
Williston	1,875	14	44	27.98	30.06	.00	14.2	+ 1.2	45	7	25	−38	27	4	42	13	11	88	0.58	− 0.1	8	6,805	sw.	48	nw.	19	4	10	17	6.8	6.9
Upper Miss. Valley.							27.4	− 1.0										80	1.58	− 0.4									5.7	
Minneapolis	.....	102	208	.....	.....	.....	19.9	− 0.2	50	31	28	−11	28	12	32	.....	.....	...	0.61	− 0.9	9	9,721	s.	48	nw.	20	5	10	16	....	7.4
St. Paul	837	171	179	29.10	30.04	− .04	20.4	+ 1.6	49	31	28	− 9	28	13	28	18	14	79	0.73	− 0.6	8	8,241	nw.	48	nw.	27	6	11	14	6.5	7.8
La Crosse	714	71	87	29.26	30.07	− .01	21.2	− 2.4	49	31	28	− 8	14	14	27	.....	.....	....	1.32	− 0.1	9	6,050	s.	38	w.	20	9	7	15	6.4	18.0
Madison	974	70	78	28.94	30.04	.....	21.4	.....	51	23	28	− 2	15	15	30	19	17	84	3.34	.....	9	8,958	sw.	39	nw.	20	10	8	13	5.6	15.7
Charles City	1,015	8	58	28.93	30.05	.....	18.6	.....	44	31	28	−12	14	9	35	17	16	90	2.24	0.0	9	6,578	nw.	37	nw.	27	7	9	15	6.4	23.6
Davenport	606	71	79	29.36	30.04	− .06	26.7	− 1.1	58	22	34	− 4	28	19	32	24	21	81	2.21	+ 0.5	7	6,945	sw.	39	nw.	27	13	3	15	5.6	7.1
Des Moines	861	84	99	29.13	30.10	− .01	25.3	− 1.5	58	22	34	− 6	13	16	33	23	19	79	2.02	+ 0.6	6	7,033	sw.	34	nw.	27	11	8	12	5.6	22.4
Dubuque	698	100	117	29.28	30.06	− .04	23.4	− 2.5	53	22	31	−12	14	16	26	21	18	81	2.37	+ 0.6	9	5,292	nw.	28	w.	20	12	8	11	5.6	15.5
Keokuk	614	63	78	29.37	30.05	− .07	29.9	+ 0.1	60	22	38	− 1	28	22	33	26	23	79	1.45	− 0.5	7	7,405	sw.	36	nw.	27	13	8	10	4.8	3.7
Cairo	356	87	93	29.71	30.10	− .05	38.9	− 0.3	64	2	46	15	29	31	42	35	31	79	2.98	− 0.4	13	7,974	s.	48	sw.	27	9	10	12	5.7	0.8
Springfield, Ill	644	82	93	29.35	30.06	− .06	30.2	− 2.6	59	26	40	1	28	21	49	27	23	77	0.57	− 2.2	7	7,975	ne.	43	sw.	27	12	7	12	5.4	4.6
Hannibal	534	75	109	29.47	30.07	− .05	31.2	− 0.7	63	22	40	0	28	22	32	.....	.....	....	1.15	− 0.5	11	7,623	sw.	46	w.	27	10	6	15	5.8	6.0
St. Louis	567	208	217	29.44	30.06	− .07	31.7	− 0.9	64	22	43	3	28	26	48	31	26	74	1.36	− 1.4	9	9,397	ne.	42	w.	27	11	6	14	5.4	5.4
Missouri Valley.							27.4	− 1.3										75	0.73	− 0.3									6.1	
Columbia, Mo	784	11	84	29.21	30.07	− .05	32.4	− 2.4	66	1	42	− 1	28	23	34	.....	.....	....	1.96	+ 0.1	11	7,401	sw.	39	w.	27	12	3	16	5.8	10.7
Kansas City	963	78	95	29.05	30.12	.00	32.6	+ 0.7	66	1	41	1	27	24	31	29	25	76	1.47	− 0.1	6	7,235	nw.	32	nw.	17	10	6	15	6.0	11.8
Springfield, Mo	1,324	98	104	28.64	30.08	− .05	35.3	− 3.3	64	1	43	3	27	27	29	32	28	77	1.72	− 0.9	9	9,228	s.	43	w.	27	12	6	13	5.5	3.8
Topeka	.....	85	89	.....	.....	.....	31.8	− 3.0	66	22	42	0	27	22	34	.....	.....	....	0.50	− 0.4	9	8,130	s.	37	sw.	22	10	9	12	5.8	4.9
Lincoln	1,189	75	84	28.77	30.09	− .03	27.6	− 2.8	60	22	38	− 4	27	17	38	23	17	69	0.29	− 0.5	5	9,020	n.	50	nw.	27	6	12	13	6.3	3.3
Omaha	1,105	115	121	28.86	30.09	− .02	27.5	+ 0.8	61	22	36	− 5	28	19	34	23	17	68	0.57	− 0.4	3	8,132	n.	39	nw.	27	7	13	11	6.0	6.3
Valentine	2,598	47	54	27.28	30.09	− .01	25.9	− 1.3	72	30	39	−20	27	13	47	21	16	72	0.16	− 0.2	5	7,565	w.	52	nw.	18	7	16	8	5.3	1.6
Sioux City	1,135	96	164	28.82	30.09	− .03	23.8	− 0.3	60	8	34	−10	27	14	40	.....	.....	....	0.20	− 0.7	4	10,792	s.	57	nw.	27	8	11	12	6.0	2.6
Pierre	1,572	43	50	28.38	30.12	+ .02	21.6	− 3.1	55	19	31	−15	27	12	48	18	14	77	0.34	− 0.1	7	4,714	e.	25	nw.	18	6	9	16	6.8	4.2
Huron	1,306	56	67	28.64	30.11	+ .01	18.8	− 0.4	54	30	30	−15	28	7	46	16	14	84	0.44	− 0.2	5	8,784	se.	41	nw.	18	5	12	14	6.4	5.1
Yankton	1,233	55	65	28.73	30.11	.00	23.6	+ 1.1	64	31	34	−12	27	13	41	.....	.....	....	0.41	− 0.4	5	7,317	nw.	42	nw.	27	5	8	18	7.4	6.1
Northern Slope.							27.1	+ 2.6										73	0.32	− 0.2									5.4	
Havre	2,505	11	44	27.30	30.04	− .01	21.4	+ 0.8	56	29	32	−35	26	11	59	19	15	78	0.45	− 0.1	9	6,578	nw.	43	sw.	29	8	8	15	6.3	5.7
Miles City	2,371	42	50	27.44	30.03	− .07	26.0	+ 6.7	52	7	36	−20	27	16	36	22	20	87	0.14	− 0.2	6	3,774	sw.	48	w.	15	15	12	4	3.9	1.0
Helena	4,110	8	56	25.78	30.10	− .03	29.0	+ 3.7	53	30	37	− 9	26	21	32	24	18	65	0.39	− 0.5	6	4,993	w.	50	w.	15	5	11	15	6.3	4.0
Kalispell	2,965	45	51	26.92	30.06	− .01	30.4	.....	49	19	36	5	26	25	17	28	25	81	0.82	.....	12	2,916	w.	28	sw.	31	0	7	24	8.6	2.0
Rapid City	3,234	46	50	26.56	30.06	− .03	28.4	− 1.8	66	30	40	− 8	27	17	43	23	18	74	0.54	+ 0.3	5	5,260	w.	36	nw.	16	19	1	11	3.9	3.8
Cheyenne	6,088	56	64	23.95	30.07	− .02	31.0	+ 2.5	64	30	42	− 2	26	20	38	24	14	52	0.06	− 0.2	2	9,454	nw.	52	w.	15	13	14	4	4.3	1.0
Lander	5,372	26	36	24.62	30.16	+ .01	23.6	+ 2.8	55	30	38	−16	27	10	40	19	14	72	0.49	− 0.3	4	2,486	nw.	48	nw.	15	6	22	3	4.6	4.9
Yellowstone Park	6,200	11	47	23.85	30.17	+ .01	22.7	.....	42	7	30	−10	27	15	27	20	15	73	1.19	.....	12	6,111	s.	30	nw.	15	7	8	16	6.4	15.1
North Platte	2,821	43	52	27.08	30.10	.00	30.6	+ 3.5	72	30	44	− 1	27	18	45	24	19	72	0.19	− 0.4	3	6,315	w.	44	nw.	16	14	10	7	4.6	0.1
Middle Slope.							33.6	− 1.3										70	0.52	− 0.4									4.4	
Denver	5,291	129	136	24.69	30.07	− .01	34.6	+ 2.6	65	31	47	−10	27	22	43	28	21	60	0.41	− 0.2	3	6,157	s.	40	ne.	25	16	11	4	3.5	7.2
Pueblo	4,685	80	86	25.27	30.07	− .01	34.2	+ 0.5	69	31	49	− 5	27	19	48	26	15	54	0.43	− 0.1	4	5,352	nw.	53	nw.	15	20	7	4	3.4	4.3
Concordia	1,398	42	47	28.59	30.12	+ .01	29.5	− 3.5	63	22	39	0	28	20	34	25	22	79	0.04	− 0.1	5	5,773	s.	34	nw.	27	16	6	9	4.5	4.3
Dodge	2,509	44	54	27.43	30.13	+ .03	30.4	− 2.2	74	1	42	5	6	18	43	24	21	78	1.19	+ 0.6	6	7,414	nw.	36	nw.	26	13	6	12	5.0	11.7
Wichita	1,358	78	86	28.64	30.12	+ .01	33.7	− 4.2	67	1	44	5	28	23	38	29	24	73	0.24	− 0.8	6	8,028	n.	37	sw.	22	15	7	9	4.8	2.8
Oklahoma	1,214	79	86	28.78	30.10	− .01	39.2	− 0.9	69	1	50	11	27	28	43	34	29	73	0.48	− 1.6	5	9,988	nw.	37	nw.	16	13	7	11	4.9	2.2
Southern Slope.							41.5	− 0.4										64	0.40	− 0.8									3.5	
Abilene	1,738	45	54	28.28	30.12	+ .01	46.0	− 1.5	73	1	57	19	28	35	38	38	32	64	0.10	− 1.4	2	7,422	s.	36	w.	13	19	6	6	3.7	0.2
Amarillo	3,676	10	49	26.27	30.09	.00	37.0	+ 0.7	70	1	50	11	27	24	47	29	22	63	0.69	− 0.3	5	9,783	sw.	40	n.	26	23	3	5	3.3	7.0
Southern Plateau.							42.5	0.0										52	0.41	− 0.7									3.2	
El Paso	3,762	10	110	26.27	30.11	+ .08	44.8	− 1.3	72	1	58	23	27	32	39	36	26	57	0.84	+ 0.3	4	6,366	nw.	35	w.	1	20	5	6	3.0	T.
Santa Fe	7,013	33	39	23.23	30.14	+ .08	29.4	− 1.4	52	1	38	0	27	20	27	23	16	62	0.77	− 0.1	7	5,949	ne.	30	nw.	16	21	6	4	2.7	7.5
Flagstaff	6,907	12	25	23.35	30.07	+ .01	30.5	0.0	54	15	44	− 4	26	18	39	24	16	62	0.42	− 1.5	7	5,124	n.	32	sw.	24	14	6	11	4.4	2.9
Phoenix	1,108	50	56	28.88	30.06	+ .02	52.7	+ 0.4	75	1	66	32	29	40	39	43	39	52	0.35	− 0.5	3	2,828	e.	18	w.	25	20	4	7	3.1	
Yuma	141	16	46	29.90	30.05	.00	56.4	+ 0.5	77	20	69	36	31	44	35	45	31	45	0.10	− 0.4	1	4,002	n.	26	n.	26	22	7	2	1.8	
Independence	3,910	11	42	26.06	30.11	− .01	41.3	+ 2.0	61	1	54	19	28	29	32	31	15	36	T.	− 2.0	0	4,687	nw.	41	se.	30	12	10	9	4.5	
Middle Plateau.							31.6	+ 0.7										64	0.61	− 0.5									4.6	
Carson City	4,720	82	92	25.34	30.17	+ .02	34.3	+ 0.1	61	14	48	5	26	21	45	29	24	71	0.79	− 1.4	5	4,683	s.	62	sw.	24	9	7	15	5.7	1.8
Winnemucca	4,344	18	56	25.70	30.20	+ .02	31.6	+ 0.5	57	30	44	2	26	19	42	26	20	67	0.77	− 0.5	5	5,507	ne.	34	sw.	24	11	10	10	5.1	3.4
Modena	5,479	10	43	24.65	30.14	+ .02	30.3	+ 1.9	56	1	44	− 1	27	17	41	23	17	63	0.23	0.0	4	6,970	w.	44	w.	25	18	9	4	3.3	1.0
Salt Lake City	4,366	105	110	25.70	30.18	+ .03	33.0	+ 0.2	55	21	42	7	27	24	33	27	20	60	0.90	− 0.7	8	3,623	nw.	31	nw.	15	10	9	12	5.5	7.2
Grand Junction	4,608	43	51	25.48	30.16	+ .06	28.6	+ 0.8	52	1	41	− 1	28	17	35	23	15	60	0.37	0.0	5	2,376	se.	29	sw.	15	18	9	4	3.3	3.6
Northern Plateau.							33.3	+ 1.0										73	1.55	− 0.3									6.4	
Baker City	3,471	53	59	26.51	30.19	+ .03	28.6	+ 0.1	42	8	35	6	26	22	24	26	22	76	1.62	− 0.1	15	3,891	se.	21	w.	15	8	4	19	6.8	10.1
Boise	2,739	61	68	27.29	30.23	+ .03	32.6	− 0.6	56	29	40	9	27	25	29	29	25	76	1.71	− 0.2	12	2,503	nw.	19	w.	25	11	8	12	5.7	6.3
Lewiston	757	10	51	29.28	30.12	− .01	37.8	+ 0.5	55	17	43	20	4	32	23	.....	.....	...	1.03	− 0.3	16	4,625	e.	46	w.	15	8	8	15	6.5	0.2
Pocatello	4,483	46	54	25.54	30.20	+ .01	28.8	+ 2.8	50	30	39	−11	27	19	33	25	20	72	1.36	− 0.2	10	7,835	e.	38	sw.	15	13	7	11	4.9	16.4
Spokane	1,929	101	110	28.02	30.12	+ .04	33.6	+ 2.3	47	19	38	18	26	29	18	32	30	85	1.80	− 0.8	12	4,224	sw.	40	sw.	15	1	5	25	8.5	2.9
Walla Walla	1,000	71	79	29.03	30.13	+ .01	38.6	+ 0.9	61	29	44	19	4	33	24	36	33	82	1.76	− 0.4	14	4,366	s.	40	se.	29	7	10	14	6.2	2.4
N. Pac. Coast Reg.							43.6	+ 1.7										86	7.96	− 0.5									3.4	
North Head	211	11	56	29.79	30.02	− .01	46.2	+ 2.4	57	29	50	35	25	42	14	44	42	88	9.34	− 0.6	26	16,065	e.	85	se.	29	2	4	25	8.7	
Port Crescent	259	12	29	29.68	29.96	− .02	41.0	+ 1.6	56	29	46	28	26	36	17	.....	.....	....	8.14	+ 1.2	22	3,884	se.	37	s.	29	0	12	19	7.9	0.8
Seattle	123	114	151	29.91	30.05	+ .04	43.9	+ 1.3	55	29	48	32	5	40	15	42	39	85	5.29	− 0.8	21	3,095	se.	36	sw.	14	0	9	22	7.9	T.
Tacoma	213	113	120	29.80	30.03	+ .02	42.7	+ 1.8	57	29	48	29	4	38	15	.....	.....	....	5.07	− 2.3	21	4,913	sw.	37	sw.	14	0	9	22	8.2	T.
Tatoosh Island	86	7	57	29.83	29.93	− .03	45.2	+ 1.9	53	29	48	35	22	42	13	43	41	86	12.01	− 2.4	26	17,623	e.	72	sw.	14	0	3	28	9.4	
Portland, Oreg	154	68	96	29.91	30.07	.00	43.3	+ 2.0	55	18	48	28	7	39	17	41	38	81	7.14	− 0.6	24	4,988	se.	28	sw.	14	3	5	23	8.5	T.
Roseburg	518	56	60	29.55	30.12	+ .01	43.2	+ 1.2	62	29	48	29	22	38	17	41	39	88	8.72	+ 2.3	20	2,094	sw.	20	sw.	9	0	11	20	8.3	0.6
Mid. Pac. Coast Reg.							48.7	− 0.1										81	3.54	− 1.9									5.7	
Eureka	62	62	80	30.07	30.14	+ .02	49.1	+ 0.5	61	8	55	33	26	43	20	46	43	81	8.18	+ 0.9	15	4,947	s.	41	n.	24	9	10	12	5.7	
Mount Tamalpais	2,375	11	18	27.64	30.14	+ .02	46.2	.....	67	20	51	32	25	42	17	41	36	75	2.92	.....	11	14,581	nw.	58	se.	30	12	11	8	4.4	
Red Bluff	332	50	56	29.80	30.16	+ .02	45.4	− 1.3	62	3	52	32	6	38	27	42	38	82	3.81	− 1.5	9	3,208	se.	24	se.	24	8	7	16	6.4	
Sacramento	69	106	117	30.09	30.16	+ .02	45.7	− 1.4	60	3	51	33	5	40	23	44	41	86	1.20	− 2.9	8	5,054	se.	47	se.	24	5	7	19	7.1	
San Francisco	155	161	167	30.01	30.18	+ .06	50.6	− 0.8	61	13	55	38	20	46	13	48	45	82	1.59	− 3.4	10	4,876	n.	38	s.	30	13	8	10	5.0	
Point Reyes Light	490	7	50	.....	.....	.....	52.6	+ 2.7	65	19	57	42	17	48	19	.....	.....	...	2.93	− 2.4	8	13,753	nw.	80	s.	30	10	8	13	5.7	
Southeast Farallon	30	9	17	30.10	30.13	.....	54.0	.....	61	9	57	45	22	51	8	.....	.....	...	2.22	.....	10	11,431	nw.	58	s.	30	10	9	12	5.4	
S. Pac. Coast Reg.							55.0	+ 2.2										64	1.94	− 1.1									4.2	
Fresno	330	67	70	29.80	30.16	+ .03	46.0	− 0.3	68	29	55	29	26	37	32	42	39	80	1.12	− 0.4	2	2,927	nw.	19	nw.	24	7	5	19	7.0	
Los Angeles	338	116	123	29.70	30.07	.00	59.7	+ 4.3	86	19	70	39	26	49	34	49	38	53	2.45	− 1.5	4	3,659	ne.	25	nw.	13	17	10	4	2.9	
San Diego	87	94	192	29.95	30.04	− .03	58.8	+ 3.0	78	19	66	44	26	51	25	51	43	63	2.46	+ 0.3	7	3,884	ne.	19	e.	6	21	5	5	2.5	
San Luis Obispo	201	47	54	29.90	30.12	+ .01	55.4	+ 2.0	82	19	66	32	28	44	39	48	40	62	1.72	− 2.8	2	4,732	n.	25	se.	30	15	6	10	4.2	
West Indies.																															
Basseterre	29	41	54	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Grand Turk	11	6	20	30.03	30.04	+ .03	73.2	.....	78	*	76	57	23	71	19	.....	.....	....	1.45	.....	9	.....	e.	30	ne.	23	17	9	5	4.7	
Havana	57	87	105	30.01	30.07	+ .03	72.0	+ 0.6	84	27	77	60	19	67	17	.....	.....	....	1.29	− 0.9	5	8,191	e.	39	e.	22	16	8	7	4.2	
Kingston	286	41	55	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
San Juan	82	48	90	29.92	30.01	+ .04	77.0	− 0.7	85	19	83	70	21	71	14	71	69	81	1.94	− 2.4	21	6,384	e.	28	e	24	15	16	0	3.8	

* More than one date.

TABLE II.—*Climatological record of voluntary and other cooperating observers, December, 1904.*

Stations.	Temperature. (Fahrenheit.) Maximum.	Minimum.	Mean.	Precipitation. Rain and melted snow.	Total depth of snow.
	°	°	°	Ins.	Ins.
Alabama.					
Alaga				4.28	
Anniston	68	16	41.1	3.79	T.
Ashville	72	17	45.0	4.89	T.
Bermuda	77	21	49.6	3.62	
Boligee	74	20	47.2	3.97	
Bridgeport				5.14	
Burkeville				3.35	
Calera				4.66	
Camphill	68[j]	24[j]	48.2[j]	4.28	
Cedar Bluff				6.18	
Citronelle	77	27	53.2	3.99	
Clanton	80	20	45.9	2.75	
Cordova				4.59	
Dadeville				3.71	
Daphne	76	26	54.4	3.45	
Decatur	71	21	45.0	4.50	
Delmar	70	15	44.6	2.77	T.
Demopolis				4.08	
Eufaula	73	24	48.6	5.02	
Evergreen	74	24	49.4	2.78	
Flomaton	79	24	54.6	5.86	
Florence *a*				5.68	
Florence *b*	71	18	44.0	5.49	T.
Fort Deposit	73	25	48.9	2.78	
Gadsden	70	20	45.5	4.82	
Goodwater	70	18	44.9	3.14	T.
Greensboro	73	22	47.8	3.77	
Greenville				2.53	
Guntersville				5.34	T.
Hamilton	72	19	45.5	4.06	T.
Letohatchie				2.93	
Livingston	74	21	44.2	4.33	
Lock No. 4	71	19	45.8	4.24	
Lucy	80	20	52.0	2.02	
Madison Station	73	15	44.1	5.54	0.5
Maplegrove	72	18	43.8	4.21	T.
Marion	72	22	46.9	4.02	
Milstead				5.98	
Newbern	77	20	48.1	4.27	
Notasulga				1.52	
Oneonta	70	17	42.8	4.85	T.
Opelika	70	22	51.4	3.80	
Ozark	79	24	50.8	5.61	
Prattville	77	20	47.2	3.21	
Pushmataha	83	20	49.8	5.55	
Riverton	70	15	43.6	7.58	T.
Scottsboro	70	16	45.2	5.35	
Selma	74	24	48.3	4.10	
Spring Hill	73	30	52.2	3.47	
Talladega	76	17	43.6	3.79	2.4
Tallassee				4.78	
Thomasville	74	24	47.9	3.93	
Tuscaloosa	72	21	45.0	4.76	
Tuscumbia	70	20	43.0	5.73	T.
Tuskegee	75	22	50.0	4.57	
Union Springs	79	24	48.8	5.50	
Uniontown	77	18	46.7	3.44	
Valleyhead	66	16	43.1	5.01	1.6
Vienna				5.77	
Wetumpka	76	21	49.0	5.03	
Alaska.					
Killisnoo	53	16	36.3	8.55	1.0
Loring	54	15	38.2	20.01	14.0
Sitka	51	24	39.0	8.13	4.5
Arizona.					
Allaire Ranch				0.79	T.
Arizona Canal Co. Dam	80	35	55.3	0.57	
Azteq	85	30	57.0	T.	
Benson	72	22	46.8	1.17	
Bisbee	62	25	45.3	1.33	T.
Blue	64	13	36.8	2.06	2.5
Bowie		25		2.05	
Buckeye	78	24	50.6	0.17	
Casagrande	81	28	52.4	0.63	
Champie Camp	82	17	49.6	0.40	
Cochise *[1]	58	22	42.0	0.30	
Congress	71	31	52.8	0.22	
Douglas	74	20	45.8	1.09	
Dragoon *[1]	80	32	46.9		
Dudleyville	76	26	49.0	1.73	T.
Duncan	70	16	41.6	1.83	T.
Fort Apache	69	10	38.3	1.75	
Fort Defiance	56	−7	26.2	0.87	5.2
Fort Grant	70	25	45.9	0.16	
Fort Huachuca	70	26	46.4	0.70	T.
Fort Mohave	78[j]	18	48.0[e]	0.21	
Gilabend	88	31	56.8	0.00	
Grand Canyon	52	0	27.2	0.60	6.0
Greaterville	68	24	45.6	1.30	0.5
Greer				1.40	9.0
Holbrook	66	4	34.7	0.10	T.
Jerome	63	22	44.3	0.60	
Kingman	66	25	45.8	0.27	
Maricopa	75	25	49.6	0.35	
Mesa	80	28	52.6	1.01	
Mohawk Summit *[1]	77	42	57.0	0.00	
Natural Bridge				1.05	
Oracle	69	27	47.4	2.47	
***Arizona*—Cont'd.**					
Oro				2.45	
Parker	80	21	51.4	0.07	
Phoenix	77	26	51.2	0.30	
Pinal Ranch				2.18	
Prescott	69	4	38.1	0.40	T.
St. Johns	68[g]	21[g]	42.4[g]	0.95	
San Carlos	75	22	46.4	1.44	T.
San Simon	77	18	42.7	1.30	
Seligman	64	11	38.0	0.61	T.
Sentinel *[1]	76	32	54.5	0.00	
Signal				0.49	
Superstition				1.40	
Taylor	60	5	32.6	0.46	3.5
Thatcher	73	19	44.7	2.16	
Tombstone	67	26	46.0	0.74	
Tucson	78	28	47.8	0.93	
Upper San Pedro	72	18	44.3	T.	
Vail *[5]	77	33	55.3	0.16	
Wilcox	68	16	41.9	0.75	
Williams	59	7	35.4	0.67	5.5
Yarnell				0.50	
Young	73	12	41.1	0.52	
Arkansas.					
Amity	78	16[j]	43.4[e]	4.67	1.5
Arkadelphia	74[c]	18[c]	43.9[c]	8.02	4.0
Arkansas City				9.10	
Batesville	69	14	41.5	2.92	
Beebranch	78	12	42.8	2.95	
Black Rock				2.68	T.
Blanchard Springs	74	23	46.2	7.82	
Brinkley	70	19	43.4	9.46	T.
Calico Rock				1.07	
Camden *a*				9.04	
Camden *b*	75	22	44.4	9.47	T.
Conway	72	13	44.4	3.51	4.0
Corning	68	12	37.8	2.46	1.4
Dallas	76	14	44.4	2.94	0.5
Dardanelle				2.83	1.0
Des Arc	71	16	43.8	6.33	1.0
Dodd City	69	9	38.8	1.12	0.2
Dutton	67	3	38.6	1.29	1.1
Eldorado	75	24	45.8	10.67	
Elon	76[f]	22[f]	47.1[f]	10.93	
Eureka Springs	70	8	39.8	1.03	0.8
Forrest City	70	17	42.4	6.81	
Fulton				3.01	
Hardy	72	10	41.3	1.29	1.2
Heber	71	12	42.2	4.29	T.
Helena *a*				9.10	
Helena *b*	72	19	43.8	9.27	0.5
Hope	78	21	47.2	6.71	0.2
Howe	75	18	46.2	4.31	T.
Jonesboro	69	14	42.8	5.97	0.2
Lacrosse	70	10	39.5	1.74	T.
Lake Village	76	23	45.9	10.75	T.
Lonoke	70	17	43.8	4.53	1.0
Lutherville	80	9	45.4	1.90	0.2
Luxora				4.22	T.
Malvern	73	16	43.0	6.35	1.0
Mammoth Springs	72	9	36.8	0.62	T.
Marked Tree				5.63	T.
Marvell	72	19	44.5	9.36	1.2
Mossville	68	4	39.0	2.91	0.1
Mount Nebo	69	9	43.0	2.54	0.5
New Gascony				9.35	1.0
New Lewisville	77	22	47.0	4.14	
Newport *a*				4.06	T.
Newport *b*	70	14	41.2	4.18	T.
Oregon	77	4	38.5	1.02	0.5
Osceola	70	19	43.8	5.70	T.
Ozark	73	12	42.0	1.83	0.5
Perry	71	5	42.4	2.40	2.5
Pinebluff	73	18	42.9	8.38	2.0
Pocahontas	68	11	41.0	2.73	0.7
Pond	69	3	38.6	0.76	0.5
Prescott	76	20	44.2	7.22	0.2
Princeton	74	17	43.6	6.43	
Russellville	70[g]	13[e]	36.1[e]	1.30	
Silversprings	69	6	39.7	0.94	1.3
Spielerville	74	14	42.4	1.27	0.2
Springbank				6.71	
Stuttgart	72	17	44.0	6.74	T.
Texarkana	76	18	51.4	5.30	
Warren	75	19	45.4	10.63	1.5
White Cliffs				3.42	0.4
Wiggs	71	12	42.4	4.04	2.0
Winchester	76	20	49.0	6.99	0.5
Witts Springs	58	9	37.5	1.34	1.0
California.					
Alturas				1.86	
Angiola	76	20	46.8	1.00	
Azusa	87	32	57.3	1.73	
Bagdad	75	35	52.5	T.	
Bakersfield	75	24	47.4		
Barstow	68	33	51.9	T.	
Bear Valley				8.89	23.0
Berkeley	59	32	46.4	2.03	
Bishop	73	15	41.2	0.10	
***California*—Cont'd.**					
Blue Canyon	68	17	39.8	7.11	19.0
Boca *[1]	50	2	27.6	3.90	16.0
Bodie	58	−13	23.0	0.84	7.0
Bowman				12.66	32.0
Branscomb	79	25	45.6	13.80	
Brush Creek	56	24	40.9	12.92	0.5
Butte Valley				12.25	76.0
Caliente *[1]	60	32	44.8	1.35	
Cambria				1.84	
Campbell	65	28	46.4	2.39	
Campo				1.82	
Cedarville	54	5	31.3	2.28	10.0
Chico	57	28	45.0	3.99	
Chino *[5]	82	30	54.6	1.02	
Cisco *[1]	42	18	32.1	7.20	51.0
Claremont	87	32	57.6	1.23	
Cloverdale	68	31	48.4	7.88	
Colusa	60	30	45.2	2.91	
Corning *[1]	70	31	47.0	3.03	
Crescent City	60	32	48.5	15.39	
Crockers				4.95	5.0
Cuyamaca	56	18	37.0	2.95	T.
Delano *[1]	69	28	48.7	1.30	
Delta	70	32	49.3	6.38	
Dobbins	69	32	49.0	4.94	
Drytown	61	28	44.4	2.90	
Dunnigan *[1]	59	34	46.8	2.88	
Durham	62	26	45.0	4.78	
Elcajon	87	32	54.8	2.73	
Electra				2.94	
Elmwood	66	26	45.4	1.02	
Elsinore	80	26	52.0	0.91	
Escondido	80	22	49.1	1.68	
Folsom				1.98	
Fordyce Dam				10.30	62.0
Fort Bragg				5.84	
Fort Ross	60	35	49.4	9.91	
Foster				2.40	
Georgetown	67	30	45.2	5.57	T.
Gilroy (near)	70	24	48.2	1.45	
Greenville	57	8	35.0	9.07	21.0
Hanford	70	24	45.2	1.16	
Healdsburg	67	29	48.0	4.51	
Hollister	70	25	48.2	1.11	
Idylwild	70	20	43.2	0.98	T.
Iowa Hill *[1]	70	28	46.2	5.23	T.
Irvine				1.47	
Isabella	74	19	45.6	0.62	
Jamestown	63	28	44.0	3.38	
Jolon				1.63	
Kennedy Gold Mine				3.58	
Kentfield				4.98	
Kernville				0.72	
King City	78	22	50.0	1.45	
Le Grand	72	27	45.2	1.48	
Lemoncove	72	28	48.2	1.78	
Lick Observatory	65	15	43.0	3.84	11.0
Livermore	67	26	47.1	1.42	
Lodi	60	27	45.8	1.66	
Los Gatos	62	32	47.3	3.23	
Lowe Observatory				1.98	
Mammoth	85	29	56.0	T.	
Marysville	61	30	45.5	2.72	
Merced	67	26	46.2	1.15	
Mercury				8.52	
Mills College				1.81	
Milo				2.37	
Milton (near)	59	31	46.0	2.10	
Modesto *[1]	78	36	53.2	1.31	
Mohave	76	39	56.5	0.60	
Mokelumne Hill				2.83	
Montague	54	14	33.5	2.68	T.
Monterio	70	24	48.8	3.11	
Monterey *[1]	68	32	51.1	3.06	
Mount St. Helena				10.49	
Napa	64	30	47.4	2.40	
Needles	79	35	59.1	0.20	
Nellie				2.40	T.
Nevada City	73	22	43.8	5.90	0.5
Newcastle	59	40	49.6	2.50	
Newman	64	29	45.2	0.95	
Niles	62	32	48.5	2.13	
Nordhoff				3.10	
North Bloomfield	69	22	42.8	7.99	2.0
Oakland	59	36	49.0	1.52	
Ontario (near)	81	31	53.4	1.30	
Orland	61	30	44.8	3.40	
Orleans	67	30	47.8	13.07	
Oroville (near)	60	29	45.7	4.87	
Palermo	64	28	45.8	4.47	
Peachland	62	28	46.9	7.48	
Pilot Creek				8.11	10.5
Pine Crest	80	43	59.6	2.58	
Placerville	60	24	41.4	4.27	
Point Lobos	69	45	56.1	1.63	
Porterville	75	27	48.0	1.33	
Poway				1.85	
Quincy	50	17	34.6	9.04	4.0

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.
	°	°	°	Ins.	Ins.
California—Cont'd.					
Redding	64	30	45.2	5.90	
Reedley	73	25	45.8	1.77	
Represa	60	30	46.4	2.03	
Riovista	59	31	45.4	1.45	
Riverside	83	28	53.1	1.11	
Rohnerville	.....	.....	.....	11.80	
Sacramento	58	30	46.3	1.46	
Salinas	75	29	50.8	1.35	
Salton	84	27	55.4	0.00	
San Bernardino	85	27	54.0	1.03	
San Jacinto	68	27	44.5	1.02	
San Jose	66	30	48.8	2.28	
San Leandro	60	31	46.6	1.68	
San Mateo*[1]	85	37	49.8	2.06	
San Miguel*[1]	66	24	47.3	0.96	
San Miguel Island	.....	.....	.....	1.09	
San Rafael	62	32	48.2	4.01	
Santa Barbara	82	41	58.4	1.53	
Santa Clara College	64	27	47.7	2.50	
Santa Cruz	71	30	49.2	2.11	
Santa Maria	79	33	54.8	1.55	
Santa Rosa	69	29	46.8	4.50	
Sausalito	.....	.....	.....	3.32	
Shasta	65	23	45.4	6.38	
Sierra Madre	82	40	57.4	1.56	
Sisson	55	8	34.2	4.95	
Snedden	.....	.....	.....	1.35	
Sonoma	.....	.....	.....	3.57	
Sonora	59	32	43.9	3.25	
Stockton	66	29	44.8	1.23	
Storey	67	23	44.0	1.08	
Summerdale	68	18	41.5	4.39	16.0
Summit	50	18	32.6	8.60	66.0
Susanville	49	3	31.3	4.10	14.0
Tehama*[1]	64	32	48.3	3.63	
Tejon Ranch	69	29	48.7	2.04	
Truckee	58	11	27.8	3.78	28.0
Tulare	82	24	46.6	1.42	
Tustin	.....	.....	.....	1.42	
Ukiah	64	26	45.4	8.31	
Upland	75	32	52.3	1.09	
Upperlake	64	21	42.6	5.69	
Vacaville	64	28	46.0	1.71	
Ventura	88	40	60.6	2.57	
Visalia	68	20	44.2	1.03	
Volcano	76	24	53.8	0.00	
Wasco	75	24	45.6	0.95	
Weldon	.....	.....	.....	0.55	
Westpoint	.....	.....	.....	3.92	
Wheatland	57	28	44.4	2.06	
Willow	62	31	48.0	3.10	
Yosemite	.....	.....	.....	3.63	11.5
Yreka	.....	.....	.....	5.44	.....
Zenia	68	18	42.6	12.68	T.
Colorado.					
Alford	65	0	30.0	0.01	0.2
Antelope Springs	44	−25	14.4	0.55	7.5
Ashcroft	46	−23	18.8	1.15	15.0
Blaine	70	− 3	32.8	0.93	12.0
Boulder	68	4	37.6	0.70	8.5
Boxelder	.....	.....	.....	0.12	1.0
Breckenridge	49	−21	18.7	1.72	30.0
Buena Vista	.....	.....	.....	0.20	2.0
Burlington	78	0	32.2	0.30	2.0
Canyon	66	−14	36.7	0.49	11.0
Cheesman	58	−12	30.4	0.29	3.5
Cheyenne Wells	69	− 2	33.2	0.29	4.5
Clearview	55	− 8	23.0	0.81	13.5
Collbran	54	−16	24.6	0.66	9.8
Colorado Springs	66	− 5	33.4	0.28	4.0
Conejos	52	−17	18.6	0.47	7.0
Cripplecreek	.....	.....	.....	0.43	9.3
Durango	55	−13	27.7	1.17	.....
Eagle	52	−29	20.4	0.69	11.8
Fort Collins	66	1	32.1	0.12	1.0
Fort Morgan	67	0	31.0	0.10	T.
Fowler	.....	.....	.....	0.82	8.0
Fox	73	1	33.9	0.25	2.0
Fruita	54	− 7	26.0	0.67	4.2
Garnett	50	−26	13.0	0.51	9.5
Gleneyre	68	−12	32.8	0.23	2.0
Glenwood	51	−22	23.2	0.83	11.0
Grand Valley	54	−12	26.4	0.80	7.8
Greeley	67	− 5	33.2	0.04	0.4
Grover	.....	.....	.....	T.	T.
Gunnison	53	−25	14.4	0.25	4.0
Halls Gulch	39	−19	14.0	1.17	23.8
Hamps	69	− 4	31.0	0.09	1.5
Hoehne	71	−21	30.0	0.43	5.6
Holly	72	0	30.6	0.80	9.0
Holyoke	74	− 4	33.2	0.06	1.0
Husted	65	−18	29.2	0.19	2.5
Lake Moraine	50	3	25.2	0.85	13.0
Lamar	73	− 2	31.2	1.30	13.0
Laporte	.....	.....	.....	0.13	1.8
Las Animas	71	− 7	31.8	0.23	2.0
Lay	53	−33	20.5	0.85	16.5
Leadville	47	−17	20.6	0.86	10.5
Colorado—Cont'd.					
Leroy	67	− 1	33.2	0.05	0.9
Longs Peak	52	− 6	24.4	0.94	12.5
Mancos	56	−15	28.4	0.88	14.2
Marshall Pass	.....	.....	.....	2.36	43.0
Meeker	54	−26	23.9	0.58	9.3
Montrose	59	−10	27.8	0.23	5.0
Pagoda	56	−22	25.9	0.93	11.0
Platte Canyon	.....	.....	.....	0.63	6.2
Rockyford	68	−12	33.0	0.31	7.5
Saguache	49	−11	18.2	0.34	5.0
Salida	57	− 7	28.4	0.50	7.5
San Luis	58	−11	22.6	0.17	2.5
Santa Clara	61[h]	2[h]	30.1[h]	.....	.....
Sapinero	48	−24	18.8	0.82	15.2
Sheridan Lake	68	4	31.4	0.25	3.8
Silt	53	−11	27.4	0.88	12.0
Silverton	47	−13	20.4	1.02	16.0
Sugar City	.....	.....	.....	0.20	.....
Sugar Loaf	55	− 6	28.9	0.73	11.0
Trinidad	79	− 5	39.2	0.84	12.0
Victor	52	−15	23.8	0.50	6.8
Vilas	.....	.....	.....	0.55	6.0
Wagon Wheel	52	−14	18.4	0.50	6.0
Walden	45	−33	19.3	0.31	5.2
Waterdale	57	1	27.4	0.43	5.0
Westcliffe	59	−17	24.4	0.39	5.0
Wray	73	0	34.8	0.20	2.0
Yuma	.....	.....	.....	0.27	3.0
Connecticut.					
Bridgeport	47	0	25.3	3.26	25.8
Canton	49	−18	19.8	2.96	16.0
Colchester	48	0	23.6	3.66	24.2
Falls Village	.....	.....	.....	2.58	16.4
Hartford*b*	45	− 1	22.8	3.11	18.5
Hawleyville	47	− 2	22.2	3.37	26.0
Lake Konomoc	.....	.....	.....	4.28	.....
New London	49	6	27.3	4.18	33.5
North Grosvenor Dale	48	−11	20.1	3.16	.....
Norwalk	46	− 5	22.2	2.78	27.7
Southington	48	− 8	22.2	2.80	21.0
South Manchester	.....	.....	.....	2.61	.....
Storrs	47	− 1	19.2	2.42	.....
Voluntown	53	−12	23.8	2.43	20.8
Wallingford	.....	.....	.....	4.33	29.6
Waterbury	48	− 7	22.7	3.28	28.5
West Cornwall	47	− 3	21.4	3.09	25.1
West Simsbury	.....	.....	.....	3.13	17.0
Delaware.					
Delaware City	.....	.....	.....	3.73	21.5
Milford	66	4	31.8	5.55	18.5
Millsboro	60	3	31.2	6.19	17.0
Newark	55	− 1	26.5	1.70	12.8
Seaford	60	2	30.4	6.07	15.5
District of Columbia.					
Distributing Reservoir*[5]	62	12	31.5	2.13	.....
Receiving Reservoir*[5]	61	12	31.0	2.64	.....
West Washington	60	6	30.0	3.58	14.5
Florida.					
Apalachicola	76	31	56.4	3.87	
Archer	79	26	55.4	2.32	
Avon Park	86	36	61.3	1.46	
Bartow	83	31	60.3	1.23	
Bonifay	78	25	53.4	3.39	
Brooksville	84	30	59.0	0.79	
Clermont	85	34	61.8	1.23	
De Funiak Springs	78	23	52.5	5.03	
Eustis	82	30	58.9	1.26	
Federal Point	80	32	56.8	1.19	
Fernandina	78	32	56.6	1.41	
Flamingo	86	44	69.6	1.00	
Fort Meade	.....	31	.....	0.66	
Fort Pierce	81	37	63.1	0.08	
Gainesville	81	26	56.3	2.32	
Grasmere	81	34	57.8	.....	
Huntington	85[d]	31[d]	58.1[d]	2.23	
Hypoluxo	82	41	66.4	0.30	
Inverness	82	27	56.3	1.18	
Jasper	.....	.....	.....	1.62	
Johnstown	80[d]	25[d]	54.7[d]	2.05	
Kissimmee	82	32	59.0	0.80	
Lake City	79	28	54.6	1.50	
Macclenny	.....	.....	.....	1.36	
Madison	81	28	55.6	1.82	
Malabar	85	35	60.8	1.45	
Manatee	83	35	60.7	1.40	
Marco	84	41	66.6	0.46	
Marianna	80	23	53.0	3.51	
Merritt Island	82	38	61.8	0.81	
Miami	85	44	68.1	0.40	
Middleburg	80	23	54.4	2.32	
Molino	81	20	52.2	6.17	
Myers	80	38	62.6	0.83	
New Smyrna	85	28	58.2	0.70	
Nocatee	84	33	61.5	1.10	
Ocala	82	27	57.4	1.07	
Orange City	86	25	58.4	0.68	
Orange Home	83	28	58.4	1.40	
Orlando	85	31	61.1	1.06	
Florida—Cont'd.					
Pinemount	82[e]	26[f]	55.4[f]	2.33	
Plant City	85	29	59.4	1.66	
Rockwell	79[g]	26[g]	54.8[g]	1.34	
St. Andrews	76	25	52.6	6.17	
St. Augustine	79	30	57.4	1.24	
St. Leo	82	31	59.3	2.12	
Stephensville	81	24	54.0	4.17	
Sumner	80	22	54.0	1.58	
Switzerland	79[i]	29[i]	55.6[i]	1.88	
Tallahassee	74	30	55.2	4.76	
Tarpon Springs	82	30	58.6	2.37	
Titusville	86	29	59.4	0.95	
Wausau	.....	24	.....	3.61	
Wewahitchka	82	26	53.4	5.53	
Georgia.					
Abbeville	.....	.....	.....	2.43	
Adairsville	70	19	43.8	5.66	T.
Albany	80	26	50.6	3.95	
Americus	73	25	48.8	4.16	
Athens	65	21	42.6	4.44	T.
Bainbridge	78	.....	.....	3.29	
Blakely	78	24	50.6	3.51	
Bowersville	66	21	42.6	4.40	1.3
Butler	.....	.....	.....	3.77	T.
Camak	73	24	48.8	3.50	
Carrollton	69	15	46.2	2.95	T.
Canton	.....	.....	.....	4.72	T.
Carlton	.....	.....	.....	4.05	0.2
Clayton	64	18	39.1	4.97	2.5
Columbus	75[g]	25[g]	47.4[g]	6.25	
Cordele	77	20	47.7	2.79	
Dahlonega	67	17	41.0	5.45	0.5
Dawson	76[d]	21[d]	51.4[d]	3.34	
Diamond	66	13	40.4	4.69	1.1
Dublin	.....	.....	.....	2.29	
Dudley	75	23	49.5	3.28	
Eastman	75	26	49.6	2.16	
Eatonton	71	23	46.4	4.29	
Elberton	68	21	44.1	4.37	
Experiment	69	22	46.6	3.18	0.5
Fitzgerald	80	20[c]	48.6	2.26	
Fleming	76	20	51.0	1.40	
Forsyth	72	23	47.8	5.20	
Fort Gaines	74	24	49.4	4.85	
Gainesville	69	22	42.4	1.88	0.8
Gillsville	65	22	43.8	3.70	T.
Glenville	75	25	49.2	1.48	
Greenbush	67	17	42.4	4.93	T.
Greensboro	73	20	44.8	4.35	
Griffin	70	22	45.0	3.95	.....
Harrison	73	20	48.6	3.84	
Hawkinsville	79	21	49.0	1.76	
Hephzibah	74	24	47.2	1.15	T.
Lost Mountain	70	19	43.9	3.30	0.1
Louisville	73	22	47.1	2.76	
Lumpkin	75	23	51.0	4.69	
Marshallville	73	26	48.4	3.92	T.
Mauzy	77[c]	23[c]	52.2[c]	2.78	
Milledgeville	73	25	45.0	4.39	
Millen	76[e]	.....	50.9[e]	2.11	
Montezuma	.....	.....	.....	4.25	
Monticello	72	24	46.2	4.83	
Morgan	75	23	48.6	3.92	
Newnan	75	21	45.0	3.44	.....
Point Peter	68	19	44.0	4.54	T.
Poulan	76	20	50.2	2.87	
Putnam	74	23	48.4	4.35	
Quitman	77	25	52.1	3.63	
Ramsey	68	17	45.0	5.36	T.
Resaca	.....	.....	.....	4.92	
Rome	69	19	43.9	5.52	T.
St. Marys	77	24	53.0	0.87	
Statesboro	76	24	50.9	1.25	
Talbotton	74	20	48.1	6.19	T.
Tallapoosa	69	19	44.3	2.93	
Thomasville	80	26	52.8	3.64	
Toccoa	64	19	40.8	4.59	.....
Valona	77	23	52.6	0.89	
Vidalia	78	27	51.8	1.72	
Washington	69	22	44.2	4.55	T.
Waverly	83	21	52.8	0.87	
Waycross	79	25	51.8	1.28	
Waynesboro	73	24	48.5	1.95	
Westpoint	71	19	47.2	3.02	
Woodbury	68	17	44.3	3.94	
Idaho.					
Albion	54	− 5	29.9	1.29	10.00
American Falls	48	−20	24.6	1.26	.....
Blackfoot[g]	45	−25	24.1	.....	
Blue Lakes	60	0	34.5	0.67	4.5
Caldwell	47	11	31.2	1.57	0.9
Cambridge	51	−14	25.5	4.15	31.4
Chesterfield	49	−35	21.0	1.61	22.0
Dewey	50	−10	28.0	2.42	20.7
Ditto Creek	52	0	32.6	1.42	12.7
Forney	50	−12	22.8	2.90	20.5
Garnet	55	11	34.1	0.32	
Grangeville	51	6	32.6	2.35	15.0

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.
	°	°	°	Ins.	Ins.
Idaho—Cont'd.					
Idaho City	51	—15	27.0	2.93	.....
Idaho Falls	50	—23	24.1	0.78	11.0
Lake	26	—16	10.4	0.70	7.0
Lakeview	49	18	33.7	3.30	.....
Landore	.....	.....	.....	4.72	46.4
Lost River	45	—16	23.0	0.21	2.1
Lovell	54[d]	14[d]	33.7[d]	4.45	24.4
Malad City	53	10	27.8	0.25	.....
Milner	58	— 6	29.6	0.45	3.5
Moscow	57	11	33.2	1.25	4.5
Murray	44	4	28.8	3.62	15.0
Oakley	54	0	29.2	0.30	3.0
Ola	46	—11	28.6	4.63	19.8
Paris	50	—25	23.6	1.08	12.7
Payette	52	9	31.6	2.29	1.0
Pollock	52	14	35.8	2.43	20.1
Poplar	.....	.....	.....	1.57	.....
Porthill	47	9	31.5	1.83	17.0
Roosevelt	47	— 8	23.0	5.40	56.0
St. Maries	47	12	33.8	2.27	6.2
Soldier	48	—20	18.8	1.45	22.0
Vernon	53	—20	23.0	1.01	10.1
Victor	48	—21	21.6	1.50	15.0
Weston	51	—22	25.2	0.99	15.0
Illinois.					
Albion	60	7	33.2	3.28	5.5
Aledo	57	— 4	26.2	1.75	6.1
Alexander	59	1	30.1	0.68	4.2
Antioch	50	— 9	22.0	1.30	6.0
Ashton	53	—18	22.4	2.71	12.4
Astoria	56	0	28.4	1.90	5.0
Aurora	52	— 5	24.6	1.69	8.3
Benton	64	9	35.9	2.76	5.5
Bloomington	55	1	28.9	1.53	4.5
Bushnell	57	— 2	28.4	1.05	5.0
Cambridge	53	— 4	26.6	2.14	8.7
Carlinville	66	1	32.2	1.02	7.0
Carrollton	62	— 1	32.2	1.20	6.0
Charleston	57	— 5	31.3	1.84	3.2
Chester	.....	.....	.....	2.20	4.2
Cisne	61	6	34.1	2.63	6.5
Coatsburg	60	— 3	28.0	1.67	1.5
Cobden	63	11	37.2	2.55	3.0
Colchester	59	0	29.4	1.45	6.5
Danville	.....	.....	.....	1.23	.....
Decatur	62	2	30.6	1.84	7.3
Dixon	55	—13	21.6	2.17	11.5
Effingham	58	4	32.0	2.28	8.0
Equality	64	11	37.6	2.66	1.5
Flora	59	6	32.1	2.15	6.5
Friendgrove	60	8	33.4	3.42	4.5
Galva	55	— 4	24.1	1.96	6.0
Grafton	.....	.....	.....	1.84	8.5
Greenville	60	3	32.3	1.84	5.5
Griggsville	62	0	31.6	1.02	10.2
Halfway	60	11	35.8	2.81	3.5
Havana	57	— 1	29.7	1.26	2.5
Henry	54	— 6	26.4	1.71	5.5
Hillsboro	60	2	33.4	.....	.....
Hoopeston	54	0	27.3	1.35	6.0
Joliet	56	4	26.4	1.63	5.3
Kishwaukee	53	—21	22.7	1.93	1.9
Knoxville	53	— 4	26.0	1.77	3.0
Lagrange	53	— 2	24.7	0.99	8.0
Laharpe	57	0	27.7	1.92	4.5
Lanark	45	—20	21.7	2.65	14.7
Loami	.....	.....	.....	0.68	4.8
McLeansboro	60	9	34.9	3.17	2.2
Martinsville	54[e]	5[e]	29.6[e]	.....	.....
Martinton	58	0	27.0	1.85	4.5
Mascoutah	59	4	32.0	1.52	4.0
Mattoon	64	4	34.2	0.83	2.1
Minonk	56	— 3	25.9	1.43	4.0
Monmouth	56	— 4	26.1	1.67	4.6
Morrison	56	—14	24.0	2.81	11.7
Morrisonville	62	2	31.2	1.20	7.0
Mount Carmel	.....	.....	.....	3.66	7.0
Mount Pulaski	57	2	29.8	1.03	4.0
Mount Vernon	64	7	34.4	3.10	7.0
New Burnside	68	10	36.4	3.20	3.4
Olney	61	6	33.2	4.02	10.6
Ottawa	55	— 3	26.9	1.86	6.7
Palestine	59	6	31.6	4.48	.....
Pana	57	3	31.0	1.34	4.5
Paris	57	5	31.0	2.26	.....
Peoria *a*	.....	.....	.....	1.30	5.7
Peoria *b*	54	3	31.0	1.33	.....
Philo	59	3	28.0	0.76	3.5
Plumhill	61	6	34.0	0.81	1.5
Pontiac	57	— 1	27.8	2.14	5.0
Rantoul	55	2	28.0	1.25	4.5
Raum	65	9	36.6	3.58	3.2
Riley	49	—14	22.4	1.35	8.6
Robinson	58	5	32.4	4.50	6.5
Rushville	59	0	30.4	2.09	3.5
St. Charles	58	— 8	23.6	2.25	12.5
St. John	63	8	35.8	2.96	3.0
Shobonier	67	4	34.2	1.35	6.5
Illinois—Cont'd.					
Streator	57	— 5	27.0	1.57	.....
Sullivan	59	3	30.6	1.06	4.8
Sycamore	52	— 9	21.8	2.16	10.0
Tilden	62	6	34.0	1.66	3.8
Tiskilwa	52	— 4	24.7	1.90	5.9
Tuscola	57	4	28.0	0.87	4.0
Urbana	55	2	27.7	0.83	7.5
Walnut	54	— 6	26.2	2.18	5.6
Winchester	59	1	31.0	0.95	4.2
Windsor	60	3	31.0	1.23	3.2
Winnebago	52	15	21.8	3.34	15.0
Yorkville	53	— 8	23.7	2.18	4.8
Zion	54	—13	23.0	2.25	.....
Indiana.					
Anderson	59	— 1	27.6	4.16	2.6
Angola	56	— 4	24.9	1.83	14.5
Auburn	53[c]	—12[c]	23.6[c]	1.17	.....
Bloomington	62	7	32.2	6.10	8.0
Butlerville	60	6	31.3	4.38	10.7
Cambridge City	59	— 6	25.6	5.10	8.3
Columbus	66	1	30.8	4.33	7.0
Connersville	59	— 2	27.8	5.04	7.0
Crawfordsville	53	— 4	29.2	.....	.....
Delphi	57	— 2	26.0	2.18	4.8
Farmersburg	58	0	30.3	4.68	5.5
Farmland	60	— 3	28.4	3.94	5.7
Franklin	60	3	30.2	4.74	6.4
Greencastle	56	5	29.0	4.57	5.8
Greenfield	60	4	29.4	5.00	3.5
Greensburg	59	0	29.9	4.73	9.5
Hammond	48	1	26.1	2.06	7.0
Hector	57	— 7	25.6	4.15	6.0
Holland	62	9	35.8	4.21	6.2
Huntington	54	— 1	24.7	2.84	6.0
Jeffersonville	62	13	35.6	4.01	3.0
Kokomo	58	— 2	26.8	.....	.....
Lafayette	55	3	27.4	2.30	4.5
Laporte	58	1	25.4	1.40	6.8
Logansport	56	3	26.6	1.49	0.9
Madison *a*	63	10	33.8	3.36	4.0
Madison *b*	.....	.....	.....	2.88	.....
Marengo	64	9	33.5	4.07	4.7
Marion	58	— 1	26.6	3.55	5.2
Markle	59	— 3	25.8	3.40	3.5
Mauzy	59	— 5	27.2	5.73	10.5
Moores Hill	58	5	30.5	3.99	8.8
Mount Vernon	63	9	34.2	4.25	4.5
Northfield	57	— 7	26.2	3.50	2.0
Paoli	61	6	32.4	4.37	7.0
Princeton	62	8	34.6	3.20	5.0
Rensselaer	57	2	26.8	2.39	2.8
Richmond	60	— 7	27.1	4.03	4.5
Rochester	54	0	26.6	1.35	2.3
Rockville	56	4	29.8	1.97	1.0
Rome	68	12	36.3	4.56	6.0
Salem	61	7	33.2	3.98	10.0
Scottsburg	62	11	34.9	3.78	6.0
Seymour	60	0	30.6	3.90	9.5
Shelbyville	60	0	28.2	4.94	4.5
South Bend	54	— 3	23.6	1.79	6.0
Syracuse	53	— 4	25.4	1.19	3.0
Terre Haute	66	7	32.7	3.39	4.0
Topeka	70	—10	23.8	.....	2.0
Valparaiso	55	4	26.4	1.43	.....
Veedersburg	.....	.....	.....	1.83	4.0
Vevay	64	9	33.9	4.00	7.0
Vincennes	61	7	32.9	3.78	7.0
Washington	62	7	32.4	3.92	5.2
Winamac	55[f]	0[f]	27.2[f]	2.06	2.5
Worthington	62	7	33.8	4.77	6.5
Indian Territory					
Ardmore	72	17	42.4	0.45	T.
Calvin	.....	.....	.....	0.84	0.5
Chickasha	74	12	42.1	0.20	2.0
Durant	74	17	44.8	0.82	
Fairland	71	3	38.5	1.52	2.0
Fort Gibson	.....	.....	.....	0.38	
Goodwater	72	11	43.4	2.77	T.
Hartshorne	75	17	45.2	1.28	0.2
Healdton	74	11	43.0	0.62	
Holdenville	74	14	42.6	0.80	4.0
Marlow	74	8	40.2	0.30	0.8
Muskogee	72	11	40.3	0.59	
Okmulgee	75	13	41.2	0.79	T.
Pauls Valley	74	9	41.0	0.73	0.8
Ravia	76	16	45.1	0.41	0.2
Roff	72	9	44.3	0.50	
South McAlister	73	15	44.4	0.21	1.5
Tulsa	.....	.....	.....	0.43	1.7
Vinita	71	3	37.8	1.21	4.0
Wagoner	71[g]	20[g]	35.8[g]	0.52	2.7
Webbers Falls	69	10	39.5	0.40	
Iowa.					
Afton	57	— 8	25.6	2.30	23.0
Albia	61	— 6	23.5	1.17	14.5
Algona	52	—10	19.6	1.37	12.0
Allerton	61	— 7	26.4	1.23	11.6
Alta	56	—12	21.6	0.52	5.0
Iowa—Cont'd.					
Amana	53	—13	23.4	1.62	13.9
Ames	53	— 6	22.2	0.79	8.5
Atlantic	64	— 9	24.8	1.05	10.5
Audubon	60	— 8	23.2	0.45	7.2
Baxter	54	— 8	23.4	1.40	15.0
Bedford	63	— 8	26.4	0.70	3.8
Belleplaine	50	—14	21.4	3.15	3.5
Bonaparte	58	— 2	26.6	2.25	4.0
Boone	54	— 7	24.3	1.65	18.1
Britt	50	—10	19.3	0.83	8.3
Buckingham	.....	.....	.....	1.99	22.8
Burlington	57	— 2	28.1	2.48	.....
Carroll	59	—11	22.9	1.45	14.5
Cedar Rapids	55	—11	21.8	1.75	20.0
Chariton	60	— 7	25.8	1.20	8.0
Clarinda	65	— 7	24.0	0.88	10.3
Clearlake	45	—12	20.8	1.40	14.0
Clinton	52	— 7	24.1	2.85	10.0
College Springs	66	— 7	27.4	0.83	8.3
Columbus Junction	56	— 3	26.1	2.54	7.8
Corning	62	— 8	24.3	.....	.....
Corydon	61	— 6	26.6	1.39	14.0
Cresco	43	—13	19.8	1.26	14.5
Cumberland	.....	.....	.....	1.20	12.0
Decorah	45	—12	21.2	1.74	16.0
Delaware	45	—10	20.1	1.77	17.0
Denison	59	—10	24.4	0.62	.....
Desoto	59	—14	25.2	2.30	23.0
Dows	50	—12	20.8	1.97	19.0
Earlham	60	—16	22.5	1.29	15.0
Elkader	48	—19	20.6	2.30	24.5
Estherville	56	—10	18.8	0.62	11.8
Forest City	47	—10	18.2	0.70	7.0
Fort Dodge	53	— 6	20.6	1.00	10.0
Fort Madison	.....	.....	.....	1.78	7.0
Galva	56	—11	22.8	0.32	3.3
Gilman	.....	.....	.....	2.07	20.0
Glenwood	64	— 7	28.4	0.20	2.0
Grand Meadow	46	—16	19.0	1.75	15.5
Greene	47	— 8	20.3	1.34	20.0
Greenfield	59	— 9	24.6	1.26	13.6
Grinnell	55	— 5	24.2	2.68	17.0
Grundy Center	50	—11	21.5	1.73	21.0
Guthrie Center	60	— 9	24.8	1.14	.....
Hampton	51	—10	21.4	1.86	28.8
Hanlontown	48	—10	19.6	1.40	14.0
Harlan	60	—11	25.5	0.60	7.5
Hopeville	59	— 8	25.3	1.33	.....
Humboldt	54	— 8	23.0	0.78	7.0
Independence	45	—12	19.8	2.10	21.0
Indianola	60	— 9	25.8	1.57	15.8
Inwood	58	—15	21.0	0.35	3.5
Iowa City	55	— 7	22.4	1.96	11.0
Iowa Falls	48	—11	20.4	1.85	18.0
Keosauqua	59	— 4	24.7	2.24	6.5
Knoxville	60	— 6	26.7	2.00	19.0
Lacona	.....	.....	.....	1.61	14.0
Larrabee	58	—12	21.6	0.63	4.9
Leclaire	.....	.....	.....	1.67	8.0
Lemars	57	—12	23.0	0.15	1.7
Lenox	62	—10	24.9	0.80	8.0
Leon	59	— 6	26.4	1.70	17.0
Little Sioux	60	— 9	25.6	0.07	0.7
Logan	56	— 6	25.4	0.60	6.0
Maple Valley	.....	.....	.....	0.40	4.0
Maquoketa	54	—17	21.3	1.74	13.5
Marshalltown	52	— 9	20.0	2.59	.....
Mason City	44	— 8	21.2	1.62	16.2
Massena	60	— 9	24.8	0.71	8.5
Mountayr	65	— 8	26.8	1.97	22.0
Mount Pleasant	57	— 3	26.3	3.34	7.7
Mount Vernon	53	— 8	22.8	2.10	17.0
Muscatine	.....	.....	.....	2.12	1.5
New Hampton	46	—11	20.6	2.22	.....
Newton	52	— 7	23.2	3.68	28.0
Northwood	44	—10	18.6	1.01	10.1
Odebolt	57	—11	24.0	0.65	6.5
Ogden	58	— 8	24.3	1.20	12.0
Olin	53	—12	22.8	2.00	11.0
Onawa	59	— 9	25.3	0.42	2.2
Osage	41	—10	19.4	2.29	22.9
Oskaloosa	59	— 4	25.1	1.09	12.5
Ottumwa	61	— 1	27.2	1.52	15.2
Pacific Junction	63	— 6	25.6	0.58	5.7
Perry	58	—10	24.0	1.35	13.5
Plover	54	— 8	20.6	0.69	5.5
Pocahontas	55	— 8	22.5	0.78	7.8
Redoak	62	— 5	28.2	0.94	11.0
Ridgeway	49	— 8	22.7	2.75	16.9
Rock Rapids	58	—12	21.2	.....	.....
Rockwell City	55	—10	23.2	0.71	7.6
Sac City[g]	64	—10	27.5	.....	.....
St. Charles	61	— 6	26.9	2.44	22.9
Sheldon	61[c]	—13[c]	22.6[c]	0.46	5.8
Sibley	58	—12	18.4	0.50	5.0
Sioux Center	58	—13	21.5	0.60	6.0
Stockport	59	— 1	27.4	2.08	9.0
Storm Lake	56	—13	20.7	0.06	0.8

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.
Iowa—Cont'd.	°	°	°	*Ins.*	*Ins.*
Stuart	57	— 7	25.3	.....	.....
Thurman	65	— 5	26.6	0.40	4.5
Tipton	54	— 4	25.2	2.06	13.0
Toledo	54	—13	22.2	1.58	20.5
Vinton	50	—18	23.4	1.60	16.0
Wapello	56	0	27.2	2.27	7.0
Washington	56	4	26.2	2.01	.....
Washta	.....	.....	.....	0.30	3.0
Waterloo	49	—14	22.4	2.66	23.0
Waukee	59	—12	26.2	1.90	17.5
Waverly	47	—11	20.7	2.40	21.8
Westbend	54	— 8	21.3	1.30	12.5
Whatcheer	63[i]	— 2[i]	29.2[i]	.....	10.0
Whitten	46	—10	21.0	2.30	23.0
Wilton Junction	55	— 6	24.8	2.28	.....
Woodburn	.....	.....	.....	1.50	15.5
Zearing	51	— 8	22.1	1.60	21.8
Kansas.					
Abilene	.....	.....	.....	0.16	1.0
Achilles	72	— 3	31.5	0.47	4.7
Alton	68	— 3	30.5	1.02	8.2
Anthony	.....	.....	.....	0.95	9.5
Atchison *a*	65	— 1	31.6	0.62	5.4
Baker	67	— 2	26.5	0.87	7.0
Burlington	67	1	33.6	0.60	5.0
Chapman	65	— 3	30.7	0.22	2.2
Clay Center	66	— 1	27.6	0.40	2.5
Coffeyville	72	6	40.0	1.24	10.0
Colby	73	— 2	32.0	0.56	6.0
Columbus	66	3	34.9	1.52	5.6
Cunningham	65	— 6	31.6	0.37	3.7
Dresden	71	1	32.6	0.66	5.8
Eldorado	68	0	33.8	0.27	2.7
Ellinwood	69	3	31.0	0.93	9.0
Ellsworth	68	0	31.0	0.56	3.5
Emporia	67	1	32.4	0.80	8.0
Englewood	75	0	33.2	1.05	9.5
Enterprise	67	— 4	28.6	0.38	3.5
Eureka	.....	.....	.....	0.30	0.7
Fall River	67	5	33.6	0.62	6.3
Farnsworth	72	3	31.5	0.54	5.7
Forsha	65	— 2	32.6	0.25	2.5
Fort Leavenworth	66	— 2	32.8	1.20	12.0
Fort Scott	68	1	34.4	0.78	4.6
Frankfort	66	— 2	29.2	0.75	7.5
Garden City	71	— 4	29.4	1.30	13.0
Gove*[1]	79	4	30.2	0.55	5.5
Grenola	66	4	32.6	0.40	4.0
Harrison	60	— 4	27.8	0.16	1.4
Horton	66	— 1	30.1	0.61	6.0
Hoxie	68	— 1	33.1	0.50	5.0
Hugoton	70	3	30.3	0.80	8.0
Hutchinson	67	— 2	30.6	0.50	5.1
Independence	71	5	35.6	0.69	3.0
Jola	.....	.....	.....	0.33	3.2
La Crosse	69	0	29.5	0.61	7.0
Lakin	68	— 3	29.4	1.00	10.0
Larned	75	— 1	30.0	0.85	8.5
Lebanon	58[c]	— 2[c]	27.4[c]	0.40	4.0
Lebo	67	0	31.8	0.43	4.3
Macksville	69	— 8	30.1	1.09	10.7
McPherson	67	0	29.8	0.33	2.5
Madison	66	3	32.0	0.85	8.5
Manhattan *b*	69	0	31.4	0.58	3.4
Manhattan *c*	70	0	29.7	0.53	5.3
Marion	64	0	32.0	0.30	3.0
Medicine Lodge	69	4	33.2	0.58	6.0
Moran	66	1	34.2	0.14	1.4
Mounthope	66	6	35.6	0.50	5.0
Ness City	67[g]	3[g]	28.8[g]	0.80	8.0
Newton	67	— 5	30.3	0.05	0.5
Norton	71	0	30.4	0.35	3.5
Norwich	67	2	33.6	0.50	5.0
Oberlin	.....	.....	.....	0.65	5.0
Osage City	66[d]	0[d]	32.0[d]	0.47	4.7
Osborne	.....	.....	.....	0.50	5.0
Oswego	77	4	36.9	1.33	4.5
Ottawa	67	0	32.6	0.48	2.7
Phillipsburg	71	1	30.0	0.43	4.3
Pleasanton	67	2	34.8	0.83	3.5
Pratt	69	2	31.7	0.63	6.3
Republic	61	— 3	27.8	0.20	2.0
Rome	70	0	34.2	0.75	7.5
Russell	67	0	30.3	0.61	6.4
Salina	66	0	31.2	0.53	5.3
Sedan	69	7	34.2	0.65	6.5
Toronto	67	0	31.0	1.50	4.8
Ulysses	72	— 3	31.4	1.20	12.0
Valley Falls	67	— 1	31.2	0.72	7.9
Viroqua	73[i]	3[i]	35.8[i]	0.80	8.0
Wakeeney	69[d]	1[d]	31.8[d]	0.65	6.5
Wakeeney (near)	.....	.....	.....	0.65	6.5
Wallace	74	1	33.2	0.59	6.0
Walnut	66	3	35.6	0.26	1.6
Wamego*[1]	66	0	30.8	0.45	4.5
Winfield	67	4	33.4	1.00	5.2
Yates Center	70	4[e]	33.2	0.72	7.5
Kentucky.					
Alpha	72	11	40.6	4.85	0.5
Anchorage	67	10	33.8	3.96	5.5
Bardstown	65	10	37.2	4.96	.....
Beattyville	68	13	34.9	3.37	0.2
Beaver Dam	65	12	37.1	5.06	T.
Berea	68	8	35.7	3.20	1.2
Blandville	66	13	37.4	3.93	1.2
Bowling Green	65	13	39.0	5.40	0.2
Burnside	67	13	38.8	4.15	1.0
Cadiz	65	15	39.6	5.52	T.
Calhoun	65	10	39.0	4.51	T.
Catlettsburg	67	5	36.1	3.32	8.0
Earlington	65	12	37.2	4.82	T.
Edmonton	65	9	38.0	4.98	0.6
Eubank	64	11	34.6	3.53	0.6
Falmouth	.....	.....	.....	4.14	8.0
Farmers	65	— 2	33.6	3.21	4.5
Frankfort	62	12	36.0	4.26	0.5
Franklin	68	15	38.9	4.60	T.
Greensburg	66	11	36.3	4.67	T.
Highbridge	65	10	36.6	3.39	T.
Hopkinsville	66	12	38.6	6.44	T.
Irvington	64	12	37.0	4.19	1.8
Jackson	72	14	39.8	3.12	T.
Leitchfield	64	10	36.6	5.14	5.0
Loretto	65	15[c]	39.5[c]	5.25	0.5
Manchester	67	11	36.8	3.62	T.
Mayfield	65	15	39.0	4.19	0.5
Maysville	65	3	32.4	3.41	10.6
Middlesboro	68[e]	14[e]	38.6[e]	5.20	.....
Mount Sterling	64	10	34.6	3.92	2.0
Owensboro	63	13	38.4	4.04	T.
Owenton	69	7	31.6	4.69	5.0
Paducah *a*	.....	.....	.....	3.74	.....
Paducah *b*	68	16	39.6	4.38	0.5
Princeton	64	13	38.8	6.04	T.
Richmond	65	9	35.9	3.25	.....
St. John	63	10	34.6	5.46	1.1
Scott	60	5	31.8	4.08	8.1
Shelby City	66	6	35.0	3.98	2.0
Shelbyville	65	10	33.0	3.56	7.0
Taylorsville	65	10	35.7	4.26	2.2
Williamsburg	68	10	40.0	4.00	0.5
Williamstown	62	7	33.4	3.79	7.6
Louisiana.					
Abbeville	78	26	52.6	3.50	
Alexandria	82	23	49.6	4.62	
Amite	78	23	50.0	5.27	
Baton Rouge	83	18	52.0	4.57	
Burnside	79	23	53.0	2.95	
Calhoun	77	21	46.8	9.79	
Cameron	66[c]	24	52.7[d]	2.67	
Caspiana	79	25	50.2	12.98	
Cheneyville	78	22	47.2	.....	
Clinton	78	24	50.9	4.97	
Collinston	76	23	47.0	13.40	
Covington	77	23	50.0	2.51	
Donaldsonville	83[b]	28[c]	55.1[f]	2.80	
Emilie	80	26	52.8	2.69	
Farmerville	77	.....	.....	10.87	
Franklin	81	27	52.9	2.76	
Georgetown	80	20	49.8	5.26	
Grand Coteau	79	26	52.8	3.67	
Hammond	76	24	51.7	4.82	
Houma	78	24	52.1	3.19	
Jennings	79	26	51.8	4.17	
Lafayette	77	25	51.1	5.09	
Lake Charles	80	.....	.....	3.90	
Lakeside	80	27	52.7	4.38	
Lawrence	79	30	55.2	2.16	
Leesville	80	20	50.2	8.10	
Libertyhill	81	21	48.6	14.09	
Logansport	.....	.....	.....	10.60	
Mansfield	74[d]	18[d]	45.4[d]	.....	
Melville	80	23	50.0	5.11	
Minden	74	23	45.5	10.66	
Monroe	82	24	48.7	11.03	
New Iberia	76	28	54.0	3.00	
Opelousas	80	23	51.0	6.52	
Plain Dealing	75	18	46.5	10.47	
Port Eads	77	33	60.4	6.17	
Rayne	78	26	52.4	4.08	
Reserve	77	28	51.6	1.56	
Robeline	75	18	46.6	3.73	
Ruston	77	22	49.2	8.22	
St. Francisville	78	21	48.6	7.70	
Schriever	84[c]	24[c]	53.8[d]	3.72	
Southern University	.....	.....	.....	2.85	
Sugar Experiment Station	78	29	55.0	3.02	
Sugartown	77	26	51.7	3.28	
Summerport	.....	.....	.....	1.96	
Venice	79	29	54.6	13.75	
Maine.					
Bar Harbor	48	— 8	18.2	3.63	16.5
Chesuncook	.....	.....	.....	0.59	16.0
Cornish	36	—10	15.4	1.66	8.2
Danforth	.....	.....	.....	1.51	15.0
Fairfield	34	—19	11.8	1.44	16.0
Maine—Cont'd.					
Farmington	35	—23	12.2	1.76	18.5
Ft. Fairfield	35	—34	5.4	1.31	13.0
Gardiner	35	—21	14.6	2.28	14.8
Houlton	39	—20	9.1	1.44	14.0
Lewiston	37	—14	15.3	1.93	13.5
Madison	36	—22	10.8	1.55	12.8
Mayfield	33	—10	12.1	1.47	17.0
Millinocket	31	—22	9.0	1.89	16.4
North Bridgton	34	—13	16.0	1.67	11.2
Oquossoc	34	—25	8.0	1.99	21.0
Orono	39	—27	11.8	2.00	19.2
Patten	33	—20	7.4	1.50	15.0
Rumford Falls	33	—11	14.0	1.51	12.4
South Lagrange	32	—28	9.7	1.75	14.9
The Forks	.....	.....	.....	1.58	17.8
Vanburen	31	—25	4.9	1.43	17.0
Vanceboro	42	—19	10.6	0.95	13.3
Winslow	30	—19	11.0	1.65	15.0
Maryland.					
Annapolis	58	10	30.0	3.50	.....
Bachmans Valley	48	— 7	24.2	2.66	16.0
Boettcherville	63	— 6	31.0	1.63	8.5
Cambridge	60	12	32.4	4.29	21.5
Cheltenham	64	6	30.6	4.09	12.0
Chestertown	60	7	28.6	3.58	13.5
Chewsville	57	— 9	26.8	1.69	16.3
Clearspring	59	3	28.6	3.02	30.2
Coleman	60	9	30.0	3.34	15.0
Colora	.....	.....	.....	2.41	18.5
Cumberland	.....	.....	.....	1.97	6.0
Darlington	56[d]	— 1[c]	26.6[d]	.....	10.0
Dearpark	59	—10	27.7	.....	.....
Denton	62	4	28.8	4.93	16.5
Easton	61	0	30.6	3.51	7.0
Fallston	57	4	27.5	2.96	15.4
Frederick	59	— 6	28.6	2.92	15.5
Grantsville	60	— 5	26.7	2.73	14.5
Greatfalls	63	0	29.2	.....	.....
Greenspring Furnace	60	— 2	28.2	2.61	14.8
Hancock	59	— 5	28.4	2.15	13.0
Harney	.....	.....	.....	2.40	13.5
Jewell	63	6	31.2	3.89	10.8
Johns Hopkins Hospital	58	12	32.0	3.84	20.0
Keedysville	60	— 8	28.4	2.80	14.8
Laurel	58	— 2	29.8	3.58	17.0
Mount St. Marys College	58	8	29.2	2.23	16.0
New Market	56	0	27.7	3.53	18.5
Oakland	61	—11	27.7	4.00	28.0
Pocomoke City	64	12	34.2	5.83	7.0
Princess Anne	64	5	31.6	5.22	13.5
Solomons	60	13	33.7	4.13	15.5
Sudlersville	60	0	30.0	4.16	11.5
Takoma Park	59	5	29.4	4.69	21.0
Van Bibber	50	6	28.4	3.29	.....
Westernport	53	0	29.0	2.09	9.2
Woodstock	56	7	30.8	2.72	15.5
Massachusetts.					
Amherst	44	— 4	19.4	2.75	10.0
Bedford	44	— 1	22.7	2.49	10.0
Bluehill (summit)	46	2	22.4	3.21	20.3
Cambridge	47	2	23.6	4.35	.....
Chestnuthill	47	2	23.6	2.81	13.5
Concord	46	— 5	20.6	2.13	6.7
East Templeton*[1]	44	— 3	20.0	2.10	10.5
Fall River	50	6	26.2	3.92	26.5
Fitchburg *a*	44	1	21.4	1.77	8.9
Fitchburg *b*	46	0	21.6	2.44	11.0
Framingham	48	— 7	22.8	2.96	10.8
Groton	43	— 9	20.0	1.90	16.5
Hyannis	.....	.....	.....	4.33	25.0
Jefferson	.....	.....	.....	2.98	12.0
Lawrence	46	— 4	20.7	1.97	7.5
Leominster	.....	.....	.....	2.54	9.4
Lowell *a*	45	0	22.4	2.33	.....
Lowell *b*	47	— 1	22.2	.....	.....
Ludlow Center	.....	.....	.....	2.33	7.0
Middleboro	49	— 9	22.4	4.12	26.6
Monson	47	—12	21.0	2.70	16.2
New Bedford	50	4	24.8	5.27	34.6
Pittsfield	.....	.....	.....	2.71	18.0
Plymouth*[1]	50	8	27.2	4.10	23.5
Princeton	.....	.....	.....	2.50	8.7
Provincetown	61	14	31.4	2.94	12.0
Salem	.....	.....	.....	2.55	13.7
Somerset*[1]	45	— 2	23.4	4.40	29.5
Sterling	.....	.....	.....	2.87	12.7
Taunton	44	— 11	21.0	3.25	18.5
Webster	.....	.....	.....	2.94	14.5
Westboro	46	— 7	22.8	3.05	11.5
Weston	46	— 1	21.8	2.31	9.4
Williamstown	47	— 4	19.2	1.39	10.0
Winchendon	.....	.....	.....	2.40	11.0
Worcester	48	4	22.8	2.20	14.3
Michigan.					
Adrian	56	—13	25.0	1.46	.....
Agricultural College	52	—18	21.7	1.42	9.7
Allegan	52[f]	— 8[e]	23.0[f]	.....	.....
Alma	52	—14	22.2	1.64	11.0

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.
	°	°	°	Ins.	Ins.
Michigan—Cont'd.					
Ann Arbor	52	— 4	22.9	1.67	8.2
Arbela	48	— 7	23.0	2.26	9.5
Ball Mountain	52	5	23.6	0.70	5.3
Baraga	50	1	21.4	1.95	19.5
Battlecreek	51	—16	21.0	1.58	12.5
Bay City	51	— 3	23.3	1.18	5.5
Benzonia	42	6	22.8	3.10	20.7
Berlin	51	6	23.4	1.07	5.0
Big Rapids	48	—16	19.8	2.41	10.0
Birmingham	52	5	23.9	0.62	5.2
Bloomingdale	53	— 7	23.8	.....	
Calumet	44	5	19.4	4.36	54.5
Cassopolis	52	— 5	22.8	1.21	5.1
Charlevoix	.....	.....	.....	2.80	28.0
Charlotte	62	—20	23.0	.....	.....
Chatham	46	— 7	16.9	3.56	35.0
Cheyboygan	44	2	21.4	.....	.....
Clinton	52	—12	24.0	1.77	5.5
Coldwater	53	—16	23.8	1.87	11.0
Deer Park	38	— 7	17.0	3.15	24.5
Detour	41	—10	18.4	1.60	16.0
Dundee	60	— 8	24.7	2.58	9.5
Eagle Harbor	48	8	21.2	4.57	45.8
East Tawas	49	— 3	20.9	1.25	5.0
Eloise	52	— 6	23.6	1.88	6.3
Ewen	44	—15	14.6	1.20	12.0
Fitchburg	50	—20	20.0	2.21	11.5
Flint	54	—12	22.9	1.13	6.5
Gaylord	.....	.....	.....	1.20	7.0
Gladwin	46	—14	20.6	1.70	12.0
Grand Haven	43	— 1	24.6	.....	.....
Grand Marais	37[e]	— 3[d]	17.0[d]	3.51	32.0
Grape	59	— 5	24.5	1.90	7.4
Grayling	44	—14	18.8	2.40	12.0
Hagar	53	—14	23.5	1.84	12.8
Harbor Beach	48	5	23.9	1.27	8.2
Harrison	43[e]	.....	.....	1.30	13.0
Harrisville	46	2	21.2	2.38	17.2
Hastings	52	—15	21.0	1.55	10.5
Hayes	48	— 5	22.4	3.18	12.0
Highland	.....	.....	.....	1.54	4.5
Hillsdale	53	—16	22.2	1.75	.....
Howell	53	—14	20.7	1.11	4.0
Humboldt	42	—26	14.2	.....	.....
Iron Mountain	49	—11	17.2	1.98	19.0
Iron River[f]	50	—17	13.6	.....	.....
Ironwood	47	— 4	15.4	2.31	23.1
Ishpeming	37	— 6	14.6	3.22	32.2
Ivan	47	— 7	18.4	1.23	16.0
Jackson	53	—12	23.4	1.58	10.7
Jeddo	51	2	23.8	1.89	12.0
Lake City	.....	.....	.....	1.20	7.0
Lansing	52	—13	22.5	1.27	8.1
Mackinac Island	35	— 5	19.4	1.97	13.7
Mackinaw City	42[e]	— 1[e]	20.5[d]	2.80	28.0
Mancelona	43	.....	.....	1.14	11.0
Marine City	.....	.....	.....	1.48	5.0
Menominee	47	— 2	20.8	0.75	7.5
Midland	51	.....	.....	0.96	8.1
Montague	47	— 4	24.2	1.25	8.0
Muskegon	48	4	25.7	1.38	8.5
Newberry	40	3	19.7	0.70	7.0
Old Mission	46	5	22.6	1.55	10.9
Olivet	51	— 9	21.9	1.72	10.4
Omer	.....	.....	.....	2.15	11.5
Ouaway	43	— 2	19.8	.....	.....
Ovid	51	—17	21.4	1.25	5.5
Petoskey	40	3	21.2	3.20	31.0
Powers	44	— 9	16.7	1.95	19.5
Reed City	47	—15	21.2	1.52	9.0
Roscommon	45[d]	—18[d]	18.6[d]	1.05	5.5
Saginaw (W. S.)	52	—10	23.0	1.13	10.9
St. Ignace	38	—10	18.6	1.58	12.5
St. Johns	56	—14	24.2	2.20	12.3
Slocum	47	—10	23.2	1.05	6.0
South Haven	49	0	23.3	1.99	10.0
Stanton	50	—10	20.6	0.72	6.0
Thomaston	45	—16	14.4	2.00	20.0
Thornville	51	11	25.5	1.52	9.0
Traverse City	46[e]	5[e]	23.3[e]	1.63	11.3
Vassar	50	—13	23.0	0.75	4.1
Wasepi	52	—16	21.8	2.22	7.5
Webberville	52	—20	21.5	1.90	8.0
West Branch	.....	.....	.....	0.92	9.0
Wetmore	41	0	17.9	2.80	28.0
Whitefish Point	41	— 4	19.0	3.18	34.6
Ypsilanti	52	— 6	23.0	1.96	7.1
Minnesota.					
Albert Lea	47	—11	18.7	1.80	18.0
Alexandria	50	—18	14.6	0.49	4.8
Angus	40	—23	11.3	.....	.....
Ashby	42	—18	16.7	0.65	7.0
Bemidji	46	—19	14.9	1.78	17.8
Bird Island	46	—12	18.8	0.66	5.1
Caledonia	44	—10	18.7	1.17	14.1
Collegeville	51	—13	19.0	0.60	8.5
Crookston	38	—23	11.0	0.60	6.0
Detroit	44	—23	12.1	0.83	8.0
Minnesota—Cont'd.					
Faribault	50	—15	18.0	0.63	9.0
Farmington	49	—12	18.4	0.50	5.0
Fergus Falls	43	—18	16.4	0.82	8.0
Floodwood	49	—25	13.0	1.23	12.0
Glencoe	52	—11	17.0	0.30	3.0
Grand Meadow	44	—10	17.8	1.76	18.5
Hallock	38	—31	7.8	0.25	2.5
Lake Winnibigoshish	43	—19	11.4	0.81	11.6
Leech	48	—22	11.2	0.96	11.8
Long Prairie	53	—16	16.8	0.47	4.8
Luverne	52	—13	18.6	0.65	6.5
Lynd	54	—11	19.3	0.47	6.0
Mankato	.....	.....	.....	0.37	7.2
Mapleplain	48	—12	19.0	0.58	5.8
Milaca	55	—14	17.2	0.14	3.0
Milan	52	—14	18.0	0.21	12.1
Minneapolis [1]	46*	—11	19.2	0.47	4.9
Montevideo	50	—14	18.4	0.77	8.0
Mora	57	—11	17.0	0.13	1.2
Morris	46	—16	16.8	0.73	7.3
Mount Iron	44	—21	10.0	2.61	26.1
New London	48	—18	15.7	0.80	5.5
New Richland	47	—12	18.6	1.05	10.5
New Ulm	54	—10	17.7	0.77	7.7
Park Rapids	43	—19	12.4	0.64	6.4
Pine River	47	—20	13.1	0.30	7.5
Pleasant Mounds	50	—11	19.5	0.83	10.0
Pokegama Falls	44	—37	5.2	1.01	13.8
Reeds	.....	.....	.....	0.71	17.7
Rolling Green	40	—10	20.1	0.90	9.1
St. Charles	43	— 9	20.1	1.32	14.5
St. Cloud	54	—13	18.2	0.39	6.5
St. Peter	55	—22	19.8	0.65	6.5
Sandy Lake Dam	49	—22	13.2	0.76	9.2
Shakopee	37	—10	17.8	0.32	3.2
Two Harbors	48	—10	16.0	0.71	17.3
Wabasha	52	— 9	20.8	1.38	16.5
Wadena	46	—21	14.2	0.34	7.1
Willow River	53	—25	14.4	1.32	12.1
Winnebago	52	— 9	19.3	1.05	9.9
Winona	46	— 8	20.6	1.05	13.2
Worthington	57	—10	25.2	0.32	3.2
Zumbrota	45	—12	19.7	1.68	16.8
Mississippi.					
Aberdeen	70	18	43.2	4.52	
Austin	75[f]	16[f]	43.2[f]	9.81	0.5
Batesville	73	19	42.2	8.80	
Bay St. Louis	75	27	52.5	2.38	
Biloxi	70[e]	29[e]	51.7[e]	2.98	
Booneville	70	19	43.4	8.75	
Canton	78	21	47.8	2.57	
Columbus	74	20	43.7	5.06	T.
Corinth	68	19	41.9	9.67	0.5
Crystal Springs	85	24	50.2	5.40	
Duck Hill	76	20	47.2	3.57	T.
Edwards	74	22	47.0	4.16	
Enterprise	.....	.....	.....	3.30	
Fayette	79	23	48.4	2.22	
Fayette (near)	.....	.....	.....	1.91	
Greenville *a*	76	23	46.6	8.87	T.
Greenville *b*	75	25	46.6	9.26	
Greenwood	76	21	45.4	6.51	
Hattiesburg	.....	.....	.....	3.72	
Hazlehurst	81	23	48.3	4.10	
Hernando	71	17	43.0	7.05	T.
Holly Springs	70	19	41.6	9.20	T.
Jackson	76	21	47.4	3.08	
Kosciusko	76	21	46.5	4.58	
Lake	81	19	45.3	4.10	
Lake Como	80	24	49.0	4.45	
Laurel	80	22	48.6	4.73	
Leakesville	80	21	50.5	3.76	
Louisville	75	20	46.6	4.60	T.
Macon	75	20	47.2	.....	
Magnolia	84	22	53.4	5.83	
Natchez	76	29	52.2	3.98	
Nitta Yuma	73	25	44.4	2.74	
Okolona	73	20	43.9	.....	
Patmos	.....	.....	.....	7.28	
Pearlington	76	24	51.8	2.65	
Pecan	79	23	53.2	2.94	
Pittsboro	73	18	45.1	7.13	
Pontotoc	71	20	44.3	5.76	T.
Poplarville	78	24	52.4	4.06	
Port Gibson	80	22	48.2	4.15	
Ripley	74	14	40.8	13.70	T.
Shelby	76	17	46.0	5.65	
Shoccoe	78	19	48.2	2.21	
Shubuta	.....	.....	.....	5.09	
Stonington	.....	.....	.....	2.30	
Suffolk	80	23	49.9	2.65	
Tchula	77	20	48.4	4.17	
Tupelo	73	20	43.0	5.99	T.
University	72	17	45.3	9.22	T.
Utica	80	20	51.2	.....	
Walnutgrove	79[e]	21[e]	48.4[e]	3.39	
Watervalley	74	19	45.7	10.95	T.
Waynesboro	80	20	50.4	6.65	
Mississippi—Cont'd.					
Woodville	77	25	51.0	4.58	
Yazoo City	76	23	48.0	5.72	
Missouri.					
Appleton City	67	0	34.0	1.13	1.5
Arthur	71	2	36.2	1.29	3.0
Avalon	63	— 5	28.7	1.38	13.0
Bethany	59	— 6	26.8	1.20	12.0
Birchtree	64	6	36.8	1.81	2.3
Blue Springs	66	— 1	30.9	1.08	5.2
Boonville	.....	.....	.....	1.90	2.0
Brunswick	62	— 3	29.2	2.33	8.7
Carrollton	68[d]	— 2[d]	30.0[d]	0.24	2.4
Caruthersville	66	13	40.7	4.52	T.
Conception	64	— 7	27.2	0.84	8.4
Darksville	60	— 3	30.8	3.02	15.2
Dean	67	5	38.5	0.90	1.0
Desoto	67	5	35.9	0.68	3.7
Doniphan	65	10	38.9	1.35	T.
Downing	.....	.....	.....	2.70	8.5
Fairport	.....	.....	.....	1.21	12.1
Fayette	60	— 3	29.0	1.22	5.5
Fulton	64	— 1	32.8	1.55	6.2
Gallatin *[1]	68	— 2	30.9	1.54	11.0
Gano	69	3	36.6	1.23	7.3
Glasgow	61	— 2	31.0	1.93	13.2
Gorin	.....	.....	.....	2.47	5.6
Grant City	63	— 7	27.6	1.12	11.0
Harrisonville	66	1	31.0	1.53	8.3
Hazlehurst	.....	.....	.....	1.08	9.8
Hermann	.....	.....	.....	1.40	0.5
Houston	67	4	36.2	1.58	3.4
Ironton	66	6	35.1	1.46	3.5
Jackson	95	10	37.5	2.97	4.0
Jefferson City	68	0	32.5	1.18	4.4
Joplin	69	5[d]	39.5	1.15	5.0
Kidder	63	— 4	29.0	1.20	8.6
Koshkonong	67	6	38.4	1.85	1.5
Lamar	68	1	36.0	1.32	3.0
Lamonte	.....	.....	.....	1.07	3.0
Lebanon	67	2	36.0	1.26	5.0
Lexington	64	0	32.8	1.53	6.0
Liberty	65	— 1	31.8	1.14	9.7
Lockwood	73	1	34.8	1.35	3.0
Louisiana	66	— 2	30.8	1.04	4.1
Macon	60	— 3	30.2	2.44	5.8
Marblehill	66	9	37.0	2.30	2.9
Marshall	65	0	31.4	1.82	5.4
Maryville	64	— 5	25.0	1.00	8.6
Mexico	63	— 1	31.6	1.26	8.1
Miami *[5]	61	— 1	30.7	1.87	10.4
Monroe	60	— 2	30.6	1.89	8.5
Montreal	69	0	35.8	1.51	6.5
Mountaingrove	63	2	35.5	1.81	2.9
Mount Vernon	65	3	36.2	1.28	4.0
Neosho	70	4	38.1	1.34	5.5
New Haven	68	4	35.0	1.55	8.0
New Madrid	.....	.....	.....	3.53	.....
New Palestine	73	2	34.1	1.15	3.5
Oakfield	67	2	35.0	1.12	5.7
Olden	69	— 5	38.4	0.98	0.4
Oregon	66	— 5	27.8	0.46	4.6
Palmyra *[5]	62	2	31.1	1.26	8.0
Pine Hill	.....	.....	.....	1.86	4.0
Princeton	60	— 5	29.5	1.87	18.0
Rockport	.....	.....	.....	0.12	3.0
Rolla	.....	.....	.....	0.89	5.5
St. Charles	64	2	33.5	1.19	7.0
St. Joseph	.....	.....	.....	0.83	7.0
Sarcoxie	.....	.....	.....	1.25	3.4
Sedalia	65	0	33.0	1.18	6.8
Seymour	65	0	35.2	1.16	2.3
Sikeston	68	13	38.8	2.43	2.0
Steffenville	60	— 1	30.4	1.35	5.0
Sublett	59	— 3	28.8	2.40	16.0
Trenton	60	— 4	29.1	1.20	11.5
Unionville	60	—10	26.1	1.66	11.0
Versailles	67	— 1	34.0	0.92	4.3
Vichy [d]	75	— 1	33.1	0.40	4.0
Warrensburg	68	— 5	34.4	0.89	6.3
Warrenton	66	1	30.7	1.52	8.0
Warsaw	69	— 5	33.6	1.26	2.6
Wheatland	.....	.....	.....	1.36	7.5
Willowsprings	67	2	35.7	1.80	3.2
Windsor [b]	67	6	33.9	.....	.....
Zeitonia	65	8	36.6	2.31	1.5
Montana.					
Adel	55	—22	28.3	0.95	9.5
Alzada	.....	.....	.....	1.58	14.8
Anaconda	51	2	27.8	0.80	8.0
Augusta	60	—26	29.7	0.40	4.0
Billings	64	—19	32.4	.....	2.2
Boulder	49	—17	25.6	0.21	2.6
Bozeman	50	—10	25.7	2.03	20.3
Butte	51	— 3	28.2	1.35	13.5
Canyon Ferry	54	—11	27.4	0.54	3.7
Cascade	67	—24	33.3	0.54	8.0
Chester	.....	.....	.....	0.85	8.5
Chinook	64	—34	20.4	0.77	.....

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.*
Columbia Falls	46	4	28.7	2.18	6.5
Crow Agency	61	−20	27.6	1.30	9.0
Culbertson	55	−41	14.8	0.39	.....
Dayton	48	7	28.8	1.33	3.4
Decker	77	−15	29.8	0.10	1.0
Deerlodge	49	− 8	25.0	.....	.....
Dillon	52	−18	28.2	0.29	2.7
Fallon	59	−35	20.0	0.29	.....
Forsyth	58	−26	25.8	0.50	5.0
Fort Harrison	65	−15	27.6	.....	.....
Fort Logan	48	−23	26.0	0.30	3.0
Glasgow[g]	44	−37	16.0	1.44	.....
Glendive	50	−40	18.2	0.90	9.0
Grayling	40	−39	14.6	1.01	23.0
Greatfalls	54	−20	31.4	0.38	.....
Hamilton	54	−10	30.8	0.97	5.0
Lakeview	.....	.....	.....	0.50	5.0
Livingston	55	0	33.6	0.45	4.0
Lewistown	58	−22	28.7	1.00	10.0
Lodgegrass	60	−21	27.8	0.50	2.5
Marysville	52[e]	−12[e]	27.2[e]	1.35	12.0
Missoula	50	− 1	30.3	0.95	1.5
Ovando	43	−13	24.8	1.46	11.5
Parrot	53	−14	30.6	0.18	1.8
Philipsburg	53	− 5	30.3	0.18	1.8
Plains	48	6	29.8	0.20	2.0
Poplar	51	−37	18.2	1.00	10.0
Redlodge	57	−13	28.6	0.36	8.0
St. Pauls	50	−30	24.0	0.79	23.0
St. Peter	51	−13	30.5	0.87	8.5
Saltese	.....	.....	.....	3.70	38.0
Springbrook	57	−32	21.1	1.02	7.7
Toston	49	−17	24.2	0.60	.....
Troy	50[e]	6[e]	31.6[e]	2.86	12.5
Utica	.....	−20	.....	0.24	.....
Warrick	.....	.....	.....	0.62	6.2
Wolf Creek	55	−11	31.0	0.42	5.0
Yale	57	−20	28.8	0.70	7.0
Nebraska.					
Agate	60	− 7	27.4	0.36	4.0
Agee *[1]	70	− 8	23.1	0.49	4.8
Albion	72[e]	−10[e]	24.4[e]	0.30	3.0
Alliance	68	− 6	33.2	T.	T.
Alma	70	− 3	29.1	T.	T.
Ansley	72	− 8	27.2	0.15	1.5
Arapaho	.....	.....	.....	0.20	3.0
Arcadia	.....	.....	.....	T.	T.
Ashland *a*	62	− 4	27.7	0.30	7.0
Ashland *b*	.....	.....	.....	0.27	4.0
Ashton	.....	.....	.....	T.	T.
Auburn	67	− 3	29.2	0.42	3.8
Aurora	70	− 6	27.2	0.02	0.2
Bartley	62	− 3	30.0	0.10	0.5
Beatrice	64	− 2	29.5	0.39	1.6
Beaver	63	− 4	31.3	0.19	2.0
Bellevue	.....	.....	.....	0.65	8.0
Benkleman	.....	.....	.....	0.01	0.1
Bethany	.....	.....	.....	0.56	5.6
Blair	58	− 8	25.4	0.20	2.8
Bluehill	.....	.....	.....	0.10	1.0
Bradshaw	.....	.....	.....	0.04	0.5
Bridgeport	71	− 4	31.4	0.20	2.0
Broken Bow	75	−10	29.2	T.	0.1
Burchard	.....	.....	.....	0.05	2.0
Burge	.....	.....	.....	0.36	2.3
Burwell	.....	.....	.....	T.	T.
Callaway	74	− 6	30.2	T.	T.
Central City	.....	.....	.....	T.	T.
Chester	.....	.....	.....	0.20	2.0
Cody	.....	.....	.....	0.17	1.7
Columbus	70	− 6	24.6	0.13	2.0
Crawford	.....	.....	.....	0.41	3.0
Crete	60	− 4	27.8	0.21	4.0
Culbertson	68	0	33.8	0.27	.....
Curtis	65	− 2	28.8	0.28	1.0
David City	59	− 6	26.3	0.18	3.0
Dawson	67	− 1	29.6	0.19	1.9
Duff	.....	.....	.....	0.02	0.2
Dunning	.....	.....	.....	0.07	0.7
Edgar	.....	.....	.....	0.20	2.0
Ericson	.....	.....	.....	0.60	6.0
Ewing	.....	.....	.....	0.25	2.5
Fairbury	64	− 5	27.4	0.22	1.5
Fairmont	60	− 5	25.4	0.20	1.5
Fort Robinson	63	− 4	30.1	0.32	3.2
Franklin	68	− 3	29.5	0.25	0.2
Fremont	61	−10	26.0	0.25	2.5
Fullerton	.....	.....	.....	0.12	1.2
Geneva	61	− 4	28.8	0.15	1.5
Genoa (near)	68	−10	27.2	0.25	3.7
Gering	69	− 2	31.6	0.11	2.0
Gordon	.....	.....	.....	0.50	5.0
Gothenburg	75	− 4	29.8	T.	T.
Grand Island *a*	70	− 8	29.3	0.20	1.5
Grant	72	− 2	31.5	0.20	2.5
Greeley	.....	.....	.....	0.10	1.0
Guide Rock	.....	.....	.....	0.30	3.0
Haigler	.....	.....	.....	0.03	.....
Nebraska—Cont'd.	°	°	°	*Ins.*	*Ins.*
Halsey	72	−10	29.2	0.05	T.
Hartington	62	− 8	22.6	0.10	1.0
Harvard	60	− 7	25.6	0.15	1.5
Hastings *[1]	66	− 7	27.3	0.18	2.0
Hayes Center	.....	.....	.....	0.15	2.0
Hebron	61	− 3	27.8	0.18	1.5
Hendley	.....	.....	.....	0.27	2.0
Hickman	.....	.....	.....	0.17	1.8
Holbrook	.....	.....	.....	0.40	3.0
Holdrege	65	− 4	29.4	0.20	2.0
Holly	.....	.....	.....	0.42	4.2
Hooper *[1]	60	− 6	25.2	0.12	2.3
Imperial	75	0	30.8	0.36	1.5
Johnstown	.....	.....	.....	0.05	0.6
Kearney	73	3	29.5	0.11	.....
Kennedy	72	−11	28.8	0.25	2.5
Kimball	67	− 2	32.0	0.15	1.5
Kirkwood	73	−12	28.6	0.15	1.5
Leavitt	64	−16	24.1	0.20	2.0
Lexington	72	− 4	28.2	0.40	2.0
Lockridge	63	− 5	26.8	0.30	3.5
Loup	71	− 8	27.2	0.20	4.0
McCook	.....	.....	.....	0.10	1.0
McCool	.....	.....	.....	0.07	.....
Madison	66	− 8	24.9	0.35	3.5
Marquette	.....	.....	.....	0.30	3.0
Mason	.....	.....	.....	0.25	2.5
Merriman	.....	.....	.....	0.20	2.0
Minden	71	− 6	27.8	0.20	1.0
Monroe	.....	.....	.....	0.30	3.0
Nebraska City	64	− 4	29.0	0.50	4.0
Nemaha	.....	.....	.....	0.20	2.0
Norfolk	72	− 9	24.8	0.23	3.5
North Loup	76	− 8	27.2	0.05	0.5
Oakdale	68	− 9	23.5	0.33	3.1
Odell	.....	.....	.....	T.	T.
O'Neill	72	−12	26.7	0.36	2.5
Ord	.....	.....	.....	0.05	.....
Palmer	.....	.....	.....	0.04	1.0
Palmyra *[1]	64	− 4	27.6	0.15	1.5
Pawnee City	66	− 2	29.5	0.70	6.0
Plymouth	.....	.....	.....	0.18	1.8
Plattsmouth *b*	.....	.....	.....	0.25	2.5
Purdum	74	−11	28.0	T.	T.
Ravenna *a*	76	− 8	28.0	0.14	1.1
Redcloud	63	− 4	26.4	0.15	1.5
Republican	.....	.....	.....	0.00	
Rulo	.....	.....	.....	0.49	4.0
St. Libory	.....	.....	.....	0.10	1.0
St. Paul	75	− 7	28.2	0.09	1.0
Santee	67	−10	25.8	0.65	6.5
Schuyler	.....	.....	.....	0.25	2.5
Seneca	.....	.....	.....	T.	T.
Seward	60	−12	25.1	0.12	1.2
Smithfield	.....	.....	.....	0.20	2.0
Springview	71	−14	28.0	0.15	1.5
Stanton	66	− 9	24.7	0.30	5.0
Strang	.....	.....	.....	0.05	0.5
Stratton	.....	.....	.....	0.21	.....
Stromsburg	.....	.....	.....	0.00	
Superior	57	− 5	25.8	0.20	2.0
Syracuse	.....	.....	.....	0.40	4.0
Tablerock	.....	.....	.....	0.13	2.5
Tecumseh *b*	67	− 3	27.4	0.21	3.0
Tecumseh *c*	.....	.....	.....	0.30	3.0
Tekamah	62	− 7	25.2	0.25	2.5
Turlington	63	− 4	27.9	0.58	6.0
University Farm	61	− 4	28.0	0.22	2.7
Wahoo	.....	.....	.....	0.30	3.0
Wakefield	66	− 9	23.8	0.21	2.1
Wauneta	.....	.....	.....	0.22	.....
Weeping Water	.....	.....	.....	0.50	5.5
Westpoint	65	− 9	25.8	0.25	2.5
Whitman	.....	.....	.....	0.25	.....
Wilber	.....	.....	.....	0.45	4.5
Wilsonville	.....	.....	.....	0.40	4.0
Winnebago	64	−10	23.1	0.17	2.0
Wisner	.....	.....	.....	0.06	2.0
Wymore	.....	.....	.....	0.10	1.0
York	61	− 5	28.4	T.	T.
Nevada.					
Amos	52	0	30.2	0.28	
Austin	52	2	38.6	0.88	
Battle Mountain	72	3	34.6	T.	T.
Belmont	54	1	30.1	0.50	5.0
Beowawe *[1]	52	4	30.4	0.10	1.0
Caliente	71	18	49.0	0.00	
Candelaria[k]	62	12	37.3	.....	.....
Carlin *[1]	46	−12	24.2	.....	.....
Carson City	60	4	33.8	0.85	1.5
Cranes Ranch	.....	.....	.....	0.64	
Dyer	58	− 1	31.6	T.	
Elko *[1]	76	−20	29.6	1.60	16.0
Eureka	64	0	32.0	0.25	1.8
Geyser	.....	.....	.....	0.27	3.5
Golconda	.....	.....	.....	T.	T.
Halleck *[5]	60	−23	23.2	0.82	8.4
Hawthorne	58	12	35.2	0.20	
Nevada—Cont'd.	°	°	°	*Ins.*	*Ins.*
Humboldt	64	10	38.6	0.40	0.5
Lewers Ranch	65	8	36.5	3.63	11.0
Lovelocks	55	7	30.8	T.	T.
Martins	71	4	36.4	0.70	
Mill City *[1]	60	12	39.5	0.05	0.5
Palisade	58	−13	29.6	.....	
Pioche	56	− 3	28.6	0.38	3.0
Potts	49	−19	23.8	0.37	3.5
Reno State University	58	11	34.0	0.63	.....
San Jacinto	56	−10	26.8	0.63	6.5
Sodaville	70	14	42.2	0.18	
Tecoma	.....	.....	.....	0.95	9.5
Wabuska	64	− 4	34.0	0.10	1.0
Wadsworth	69	9	37.4	.....	.....
Wells *[1]	53	−23	26.0	1.30	13.0
Wood	49	−11	27.9	0.81	11.0
New Hampshire.					
Alstead	44	− 5	16.4	1.76	8.2
Bartlett	.....	.....	.....	1.28	12.8
Berlin Mills	43	−26	10.6	1.33	13.0
Bethlehem	41	−12	11.6	1.41	11.0
Brookline *[1]	44	−11	20.7	2.25	8.0
Chatham	35	−15	13.0	1.10	7.0
Durham	43	− 8	18.0	2.22	10.0
Franklin Falls	47	− 7	17.4	1.80	8.2
Grafton	42	−12	13.4	1.26	6.0
Hanover	48	−12	13.3	1.57	10.2
Keene	47	−10	17.6	1.66	8.2
Nashua	44	− 3	19.8	2.31	6.2
Newton	40	− 6	19.8	1.95	6.0
North Woodstock	.....	.....	.....	1.77	.....
Plymouth	44	− 9	15.0	1.36	13.0
Stratford	39	−23	10.2	1.31	12.0
New Jersey.					
Asbury Park	57	5	30.0	4.40	30.8
Bayonne	49	5	26.6	2.78	20.5
Belvidere	47	− 2	23.6	2.77	19.5
Bergen Point	47	6	26.1	3.29	31.8
Beverly	52	3	27.6	3.11	23.7
Blairstown	44	− 3	23.7	2.15	21.5
Bridgeton	59	0	29.2	4.09	24.5
Canton	.....	.....	.....	1.95	9.6
Cape May C. H	60	7	31.4	5.02	19.0
Charlotteburg	51	− 4	23.9	2.25	14.0
Chester	49	2	24.4	2.65	15.0
Clayton	58	− 3	27.0	2.35	27.2
College Farm	49	1	25.8	2.07	.....
Dover	47	0	22.8	3.10	18.5
Englewood	49	6	25.6	4.19	21.5
Flemington	50	−10	25.0	2.09	21.5
Friesburg	60	0	28.4	2.99	18.5
Hightstown	49	0	26.8	3.21	23.5
Imlaystown	56	3	28.2	3.12	15.2
Indian Mills	58	0	28.6	3.77	23.6
Lakewood	58	3	28.9	3.77	22.9
Lambertville	50	− 1	26.4	2.33	21.1
Layton	50	−15	21.0	2.26	22.6
Moorestown	53	1	27.0	2.93	18.0
Newark	48	5	26.2	2.87	24.8
New Brunswick	48	4	26.4	2.93	19.9
Newton	50	− 4	24.4	3.10	21.5
Oceanic	56	4	28.8	3.52	21.6
Paterson	49	8	27.9	2.59	20.1
Phillipsburg	49	2	24.0	2.40	18.9
Plainfield	48	1	25.1	3.22	24.5
Pleasantville	.....	.....	.....	4.15	.....
Rancocas	.....	.....	.....	3.54	21.9
Rivervale	47	−14	22.2	2.98	26.0
Somerville	48	− 1	24.8	2.06	16.0
South Orange	48	6	25.4	2.55	21.0
Sussex	45	− 3	23.2	2.35	19.0
Trenton	55	10	31.2	2.30	12.0
Tuckerton	59	− 1	29.6	4.77	16.5
Vineland	59	− 3	27.8	4.08	20.5
Woodstown	.....	.....	.....	3.00	21.0
New Mexico.					
Alamagordo	55	17	41.6	0.75	3.0
Albert	76	13	39.5	0.71	7.0
Albuquerque	61	12	34.2	0.60	T.
Alma	70	11	40.0	1.50	
Arbela	71	1	40.7	0.25	2.0
Bellranch	72	10	40.6	0.61	4.0
Bloomfield	58	6	31.0	1.03	3.5
Brice	78	23	47.0	0.47	T.
Cambray	71	.....	.....	1.78	
Carlsbad	72[n]	14[j]	44.4[l]	0.28	3.0
Cimarron	70	0	33.7	0.29	3.5
Cloudcroft	48	− 1	28.5	1.36	17.5
Deming	70	14	41.0	1.18	
Dorsey	70	0	34.2	0.23	3.0
Eagle Rock Ranch	61	− 5	30.4	0.78	10.4
Elk	69	9	41.0	0.15	2.0
Engle	64	11	37.4	1.13	1.5
Estancia	62	− 9	29.5	0.75	9.0
Fairview	73	11	41.1	1.15	.....
Fort Bayard	63	12	38.0	2.13	1.5
Fort Stanton	62	8	35.8	0.35	4.0
Fort Union	78	− 4	34.4	0.70	9.0

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.
	°	°	°	Ins.	Ins.
New Mexico—Cont'd.					
Fort Wingate	60	— 4	30.2	2.26	23.3
Fruitland	62	5	29.4	0.26	1.5
Hillsboro	65	14	40.2	1.31	
Las Vegas	65	— 7	29.9	1.10	13.0
Lordsburg	78	17	43.2	1.21	1.3
Los Lunas	60	14	35.3	2.00	
Luna	59	4	31.5	1.30	8.2
Mesilla Park	73	16	42.0	0.63	
Mineral Hill	.....	.....	.....	1.20	13.0
Mountainair	58	0	30.6	0.34	11.0
Raton	64	— 3	32.8	0.20	2.2
Rociada	65	— 7	34.0	0.54	10.0
San Marcial	66	11	39.1	0.20	T.
San Rafael	61	8	32.1	0.47	3.0
Socorro	60	15	36.5	1.12	T.
Springer	66	0	28.6	0.34	4.2
Strauss	72	26	.....	0.40	0.8
Taos	56	— 3	27.0	0.30	4.0
Vermejo	70	— 8	32.2	0.08	1.0
New York.					
Adams	.....	.....	.....	1.85	15.5
Addison	56	— 9	23.0	1.13	5.5
Akron	.....	.....	.....	2.17	.....
Alden	50	— 2	22.1	2.92	21.1
Ames	48	—15	19.4	2.53	15.5
Amsterdam	46	— 7	18.0	.....	.....
Appleton	50	5	25.3	1.51	.....
Arcade	48	—20	17.4	3.89	29.4
Athens	50	— 5	22.2	1.70	15.0
Atlanta	52	— 9	20.8	2.05	10.5
Atwater	.....	.....	.....	2.47	11.6
Auburn	50	0	22.6	2.77	14.0
Avon	51	— 4	22.2	1.89	16.0
Baldwinsville	48	— 4	20.6	3.09	20.0
Ballston Lake	46	—11	17.7	2.01	14.6
Bedford	57	1	24.9	3.75	15.3
Berlin	49	—10	18.6	2.86	15.1
Blue Mountain Lake	.....	.....	.....	3.30	18.0
Bolivar	54	—16	21.1	2.41	12.1
Bouckville	48	— 8	18.2	3.88	23.0
Boyds Corners	.....	.....	.....	3.48	.....
Brockport	50	3	23.8	2.32	19.2
Caldwell	43	— 5	17.9	2.05	10.6
Cape Vincent	42	— 6	16.7	1.85	18.5
Carmel	44	— 3	20.8	3.26	26.3
Carvers Falls	44	—12	15.0	1.20	4.0
Chatham	47	— 2	20.5	1.46	14.5
Chazy	38	—28	10.4	1.00	8.0
Coeymans	.....	.....	.....	2.23	12.3
Cold Spring Harbor	.....	.....	.....	3.88	33.2
Cooperstown	43	— 5	18.4	2.49	11.0
Cortland	47	2	20.4	2.68	8.4
Cutchogue	48	9	27.2	6.17	49.0
Deansboro	.....	.....	.....	2.50	10.0
Dekalb Junction	43	—16	11.4	1.45	8.8
De Ruyter	43	—6	19.4	2.73	11.3
Easton	.....	.....	.....	1.62	10.0
Elba	48	— 5	22.4	3.54	18.0
Elmira	58	0	24.6	1.15	.....
Faust	46	—21	10.4	5.00	.....
Fayetteville	50	—10	20.8	2.61	10.7
Fort Plain	47	— 4	21.3	2.11	.....
Franklinville	53	—22	20.0	3.52	25.5
Gabriels	42	—23	9.6	2.30	20.5
Gansevoort	.....	.....	.....	2.86	17.0
Glens Falls	43	—12	16.2	2.03	12.4
Gloversville	44	—12	16.8	3.80	24.0
Greenfield	48	—10	17.3	3.05	13.5
Greenwich	49	—12	16.6	2.81	11.0
Griffin Corners	56	—17	18.6	1.93	14.1
Harkness	44	—19	12.2	1.15	4.5
Haskinville	.....	.....	.....	2.00	9.6
Hemlock	50	— 4	22.4	1.96	12.0
Hunt	53	— 9	20.8	3.21	17.0
Indian Lake	52	—24	14.2	1.78	27.8
Ithaca	54	5	23.6	2.08	12.0
Jamestown	52	—12	22.8	2.42	14.6
Jeffersonville	47	—19	20.8	2.74	16.0
Keene Valley	49	—18	13.3	0.97	5.5
Lake George	43	— 8	17.4	2.96	14.4
Le Roy	50	— 3	22.3	2.81	21.3
Liberty	42	— 5	18.2	2.99	15.4
Littlefalls, City Res.	44	— 8	17.5	3.01	17.5
Lockport	50	1	23.6	1.32	.....
Lowville	45	—19	13.3	2.74	25.8
Lyndonville	.....	.....	.....	1.39	5.3
Lyons	50	— 8	23.5	2.84	24.0
Middletown	46	— 3	22.4	2.86	21.1
Mohonk Lake	49	— 1	20.4	2.27	20.5
Moira	41	—20	10.0	1.76	10.5
Newark Valley	.....	.....	.....	2.29	14.0
New Lisbon	52	— 8	18.6	2.08	10.5
North Hammond	58	—14	13.8	0.64	6.5
Ogdensburg	44	—12	13.8	0.87	6.9
Old Chatham	.....	.....	.....	3.16	19.5
Oneonta	53	— 1	21.8	2.64	14.5
Oswegatchie	.....	.....	.....	2.11	.....
Otto	55	1	21.0	1.46	.....
New York—Cont'd.					
Oxford	49	— 1	20.9	3.75	23.9
Oyster Bay	54	9	28.4	4.95	25.2
Palermo	.....	.....	.....	6.54	52.1
Perry City	50	— 8	20.8	1.80	13.0
Plattsburg Barracks	45	—18	13.8	0.20	.....
Port Jervis	52	—10	22.0	2.10	16.7
Potsdam	42	—18	11.6	1.46	14.0
Primrose	50	— 3	23.9	3.10	25.5
Redhook	.....	.....	.....	2.51	13.8
Richland	44	—10	17.2	4.35	33.5
Richmondville	55	— 6	18.8	2.62	15.2
Ridgeway	48	3	24.2	2.05	11.9
Ripley	60	0	26.3	3.55	27.0
Rome	43	— 4	18.8	4.66	26.5
Romulus	53	3	23.9	1.83	11.7
Salisbury Mills	.....	.....	.....	3.58	18.5
Saranac	42	—18	14.2	1.77	7.2
Scarsdale	46	2	24.0	4.08	33.0
Setauket	50	11	28.4	3.63	25.6
Shortsville	51	— 5	22.5	2.06	7.5
Skaneateles	.....	.....	.....	2.52	.....
Southampton	49	5	27.6	6.38	57.4
South Butler	.....	.....	.....	3.55	24.0
South Canisteo	51	—12	21.0	2.10	11.5
Southeast Reservoir	.....	.....	.....	3.37	.....
South Kortright	54	— 9	19.4	1.87	10.8
South Schroon	45	—12	13.8	2.06	18.4
Spier Falls	46	—11	18.2	1.75	8.3
Ticonderoga	45	— 6	16.9	1.09	8.1
Volusia	55	1	22.8	2.42	23.0
Wappinger Falls	46	—21	18.8	3.66	25.5
Warwick	.....	.....	.....	2.13	23.0
Watertown	50	—17	16.1	2.32	19.0
Waverly	58	— 8	23.0	1.81	9.1
Wedgwood	48	3	20.4	1.87	9.0
Wells	45	—24	17.0	2.70	18.0
West Berne	48	—10	18.5	2.16	14.0
Westfield	58	2	24.8	1.98	18.7
Windham	58	—20	20.5	2.20	17.3
Youngstown	.....	.....	.....	1.65	7.0
North Carolina.					
Brevard	65	12	38.7	4.54	3.8
Brewers	66	13	37.1	3.26	8.0
Bryson City	.....	.....	.....	4.26	1.5
Chapelhill	70	18	38.0	3.38	9.0
Currituck	.....	.....	.....	4.81	1.0
Eagletown	62	20	38.1	5.00	5.2
Edenton	67	20	40.3	5.80	4.0
Fayetteville	75	22	42.6	2.88	0.8
Goldsboro	74	22	39.0	3.41	1.2
Graham	.....	.....	.....	3.30	5.4
Greensboro	69	16	39.4	3.19	3.0
Henderson	65	18	37.2	4.53	[illegible].5
Hendersonville	64	14	39.1	3.13	3.8
Henrietta	66	17	40.6	3.51	5.0
Horse Cove	62	12	39.0	6.28	4.2
Hot Springs	70	18	42.6	.....	.....
Jefferson	60[f]	10[f]	33.4[f]	.....	.....
Kinston	69	20	40.8	2.82	T.
Lenoir	59[j]	14[d]	38.8[g]	4.20	14.5
Lexington	68	14	38.4	3.69	5.0
Lincolnton	65	19	38.8	1.55	3.5
Linville	59	9	33.6	3.46	7.0
Littleton	70	14	36.6	3.13	6.5
Louisburg	70	19	38.3	3.31	4.0
Lumberton	76	22	42.3	2.50	
Manteo	64	24	43.2	5.23	
Marion	66	16	40.4	2.94	3.0
Marshall	63[d]	14[d]	37.4[d]	1.41	1.5
Moncure	74	13	39.5	3.13	6.8
Monroe	75	18	40.6	3.78	2.0
Morganton	64	14	39.6	2.85	5.6
Mount Holly	.....	.....	.....	3.78	3.2
Murphy	.....	.....	.....	4.60	1.1
Nashville	74[i]	18[i]	39.1[i]	.....	7.8
Newbern	72	22	44.8	3.94	T.
Patterson*[5]	56	16	35.8	2.60	4.2
Pinehurst	75	22	42.0	2.70	.....
Pittsboro	71	17	38.8	1.61	8.0
Reidsville	63	77	38.2	3.51	6.0
Rockingham	76	23	41.8	2.38	T.
Salem	63	17	37.2	3.73	3.0
Salisbury	70	16	37.4	3.53	6.0
Saxon	62	12	36.6	3.57	8.5
Scotland Neck	70	19	39.1	3.56	5.0
Selma	74	22	40.2	3.82	.....
Settle	71[i]	20[i]	41.0[i]	3.10	7.7
Sloan	72	21	44.2	2.74	T.
Soapstone Mount	71	13[z]	38.4[d]	4.49	5.0
Southern Pines	80	21	42.6	3.80	.....
Southport	67	24	47.8	2.35	
Statesville	67	14	38.4	3.64	3.2
Tarboro	75	20	40.0	4.48	2.8
Washington	69	20	42.4	3.12	T.
Waynesville	59	18	36.4	1.08	6.0
Weldon *a*	73	19	37.1	3.68	5.0
Weldon *b*	.....	.....	.....	3.68	8.0
Whiteville	79	20	44.8	2.32	
North Dakota.					
Amenia	45[f]	—20[f]	17.6[f]	0.06	6.0
Ashley	41	—23	12.7	0.50	5.0
Berlin	47	—25	13.4	0.72	7.2
Bottineau	40	—25	10.6	0.10	1.0
Cando	46	—26	12.4	0.29	2.9
Churchs Ferry	49	—24	11.8	0.30	3.0
Cooperstown	43	—27	12.8	0.17	1.7
Dickinson	52	—32	18.8	0.80	7.8
Donnybrook	45	—30	13.7	0.70	7.0
Dunseith	40	—28	10.0	0.40	4.0
Edgeley	46	—20	15.3	0.81	7.8
Ellendale	46	—17	17.8	0.35	3.5
Fargo	45	—21	12.3	1.37	13.7
Forman	48	—19	16.4	0.30	2.8
Fort Berthold	51	—35	17.6	0.30	3.0
Fort Yates	50	—26	19.6	0.64	9.5
Fullerton	45	—21	15.4	1.54	15.4
Glenullin	46	—28	18.0	0.94	8.4
Hamilton	42	—28	9.4	0.99	10.0
Jamestown	50	—30	16.0	1.35	13.5
Kulm	47	—22	15.5	0.69	8.3
Larimore	45	—20	12.6	0.10	1.0
Lisbon	46	—18	15.8	0.60	6.0
McKinney	47	—36	9.7	0.90	9.0
Manfred	42	—27	13.8	0.84	8.4
Mayville	42	—19	14.8	0.42	4.2
Medora	45	—43	17.8	0.84	8.4
Melville	47[e]	—22[e]	17.4[e]	0.10	1.0
Milton	40	—22	10.1	T.	T.
Minnewaukon	43	—26	14.2	0.00	
Minto	43	—23	8.9	0.31	3.1
Napoleon	45	—30	13.9	1.14	12.5
New England	55	— 3	19.3	0.90	9.0
Oakdale	55	—25	20.6	0.95	9.5
Park River	49	—24	12.4	0.23	3.3
Pembina	42	—30	7.1	0.50	5.9
Portal	40	—36	13.2	1.00	10.0
Power	45	—19	13.8	0.75	7.5
Rolla	41	—27	10.6	0.25	2.0
Rugby	40	—33	10.7	0.26	2.6
Sentinel Butte	54	—34	19.9	0.33	3.3
Steele	44[e]	—24[e]	14.8[e]	1.00	10.0
University	45	—16	14.8[e]	0.43	4.3
Wahpeton	47	—20	16.2	0.41	4.1
Walhalla	48	—32	11.6	0.20	2.0
Westhope	43	—32	11.2	0.21	2.1
Willow City	44[e]	—33[e]	8.6[e]	0.43	4.3
Wishek	42	—25	14.0	2.00	20.0
Ohio.					
Akron	61	4	26.0	2.62	12.5
Amesville	63	— 9	30.8	3.52	7.2
Atwater	.....	.....	.....	1.85	6.0
Bangorville	60	5	27.0	3.98	7.6
Bellefontaine	59	— 2	25.8	3.67	4.0
Benton Ridge	62	— 4	27.5	2.70	6.0
Bowling Green	61	—10	24.6	2.16	5.6
Bucyrus	60	— 3	26.0	4.50	7.0
Cadiz	62	1	28.6	3.27	10.3
Cambridge	69	— 9	30.4	4.09	6.0
Camp Dennison	62	— 2	30.6	3.51	5.3
Canal Dover	61	— 6	27.4	2.82	4.5
Canton	61	2	27.2	2.23	7.6
Cardington	60	— 8	26.2	2.87	5.5
Chillicothe	63	— 4	29.4	3.59	9.8
Circleville	63	— 4	29.4	3.56	6.0
Clarington	67	— 2	32.2	2.78	12.2
Clarksville	61	— 2	30.4	3.58	6.1
Cleveland *a*	62	10	29.2	2.25	10.7
Cleveland *b*	62	10	26.6	2.94	12.0
Clifton	60[e]	— 6[e]	27.8[e]	3.22	7.0
Coalton	63	—11	31.1	3.80	12.3
Colebrook	59	— 1	24.8	2.35	7.0
Dayton *a*	.....	.....	.....	3.68	7.0
Dayton *b*	62	— 4	29.3	4.16	6.8
Defiance	60	—10	25.2	2.44	6.1
Delaware	61	— 5	26.6	3.45	7.2
Demos	61	1	29.6	2.84	5.0
Findlay	62	0	26.0	2.40	2.0
Frankfort	60	— 8	30.4	2.97	6.0
Fremont	61	0	27.6	2.24	4.8
Garrettsville	62	— 6	26.2	2.27	8.6
Granville	61	— 5	28.2	4.62	8.0
Gratiot	60	— 7	28.4	4.74	8.6
Green	66	3	33.4	2.94	6.5
Greenfield	62	1	30.4	3.26	7.0
Greenhill	65	— 7	26.0	2.21	5.0
Greenville	63	— 5	26.8	3.93	6.0
Hedges	59	—11	25.6	2.30	3.0
Hillhouse	61	— 3	24.9	1.52	8.0
Hiram	61	5	25.6	1.96	10.3
Hudson	58	1	24.8	2.30	8.0
Ironton	66	2	34.6	2.99	5.5
Jacksonburg	62	4	29.5	4.22	5.0
Killbuck	60	0	26.4	3.59	6.5
Lancaster	62	— 5	29.4	3.54	7.0
Lima	54	— 1	27.3	3.25	5.0
McConnelsville	62	— 3	29.8	3.65	12.0
Manara	61	1	28.4	3.11	3.0

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.
	°	°	°	Ins.	Ins.
Ohio—Cont'd.					
Mansfield				3.16	6.3
Marietta	62	0	31.6	2.82	8.3
Marion	61	— 2	27.6	3.11	5.0
Medina	61	—10	26.2	2.61	11.4
Milfordton	61	— 3	25.6	3.40	6.0
Milligan	62	—10	29.6	3.38	8.2
Millport	62	— 8	26.4	1.86	7.0
Montpelier	54	—15	24.4	2.09	8.2
Napoleon	67	— 8	27.4	1.93	3.0
Nellie	58	— 3	28.0	2.42	6.5
New Alexandria	63	— 6	27.9	4.00	
New Berlin	60	0	26.6	2.15	5.5
New Bremen	60	— 8	27.2	3.52	6.0
New Richmond	62	4	32.2	3.59	6.8
New Waterford	62	— 5	26.2	3.21	12.0
North Lewisburg	59	— 4	26.6	4.10	8.0
North Royalton	60	6	26.4	1.65	12.0
Norwalk	59	0	27.2	3.94	6.5
Oberlin	63	— 3	27.5	2.75	7.8
Ohio State University	62	— 2	28.2	2.97	5.7
Orangeville	61	—16	25.2	1.45	4.0
Ottawa	60	— 7	25.6	2.65	2.7
Pataskala	62	— 3	27.7	4.39	5.7
Philo	62	4	30.2	3.00	8.0
Plattsburg	60	4	27.8	4.97	9.0
Pomeroy	59	— 1	32.1	3.31	12.0
Portsmouth *a*				3.34	13.0
Portsmouth *b*	64	— 5	33.6	3.81	13.2
Pulse	60	— 4	29.5	4.21	8.5
Rittman	60	— 1	27.0	1.60	4.0
Rockyridge	62	— 3	26.2	2.15	3.2
Shenandoah	64	— 1	25.6	2.28	3.9
Sidney	60	— 7	27.6	4.05	6.7
Somerset	60	— 6	29.2	4.55	
South Lorain	63	— 5	27.6	2.31	7.7
Springfield				4.07	
Thurman	64	— 6	31.4	4.20	6.0
Tiffin	60	2	26.8	3.72	8.4
Upper Sandusky	61	— 2	27.6	3.13	4.9
Urbana	60	— 6	26.8	3.01	6.2
Vickery	61	— 7	26.3	1.73	3.2
Warren	62	— 3	26.6	2.56	12.8
Wauseon	59	—10	24.2	1.99	9.1
Waverly	63	— 3	30.8	4.40	10.8
Waynesville	60	0	28.7	4.93	9.0
Wellington	62	0	27.9	2.56	7.0
Willoughby				1.92	6.0
Wilson	64	— 9	31.5	4.04	11.0
Wooster	63	— 1	28.0	2.68	5.5
Zanesville				3.78	6.3
Oklahoma.					
Alva	74	6	37.3	1.85	18.5
Arapaho	70	7	37.6	0.70	7.0
Beaver	70	2	33.4	0.70	7.0
Binger	74	9	38.5	0.40	4.0
Busch	67	12	35.0		
Chandler	72	12	39.0	0.50	2.8
Cleo	75	3	38.5	0.95	9.5
Cloud Chief	76	5	39.6	1.20	12.0
Eldorado	76[g]	9[g]	41.1[g]	0.20	2.0
Enid	72	6	35.4	1.35	10.0
Erick	68	11	38.4	0.44	4.7
Fort Reno	72	2	37.9	1.55	15.5
Fort Sill	65	12	40.1	0.25	2.5
Frederick	71	12	43.2		
Gage	69	2	34.5	0.87	8.8
Grand				1.10	11.0
Guthrie	69	10	37.8	0.72	6.0
Harrington	66	10	37.4	0.52	5.2
Hennessey	73	8	39.6	1.00	10.0
Hobart	73	10	39.3	0.30	3.0
Jefferson	68	5	34.2	0.65	6.5
Jenkins	68[e]	8[d]	34.2[e]	1.40	14.0
Kenton	70	2	35.7	0.75	7.5
Kingfisher	73	9	39.0	0.94	6.5
McComb	73	13	40.5	0.43	
Mangum	75	15	40.4	0.75	7.5
Meeker	73	10	40.4	0.65	6.5
Newkirk	68	2	34.9	1.00	4.0
Norman	71	9	40.6	0.56	1.0
Okeene	78	11	37.0	0.72	7.2
Perry	71	6	37.4	0.97	6.5
Shawnee	74	12	41.6	0.44	
Stillwater	70	10	36.6	0.86	5.3
Taloga	64	10	33.8	1.10	11.0
Temple	76	12	43.1	0.33	0.2
Waukomis	74	9	41.8	0.74	6.0
Weatherford	71	6	36.1	0.45	4.1
Whiteagle	71	5	35.9	1.29	12.0
Oregon.					
Albany				8.46	
Alpha	56	27	43.0	14.73	
Arlington	59	19	37.4	1.61	
Ashland	55	20	38.6	5.22	1.0
Astoria	57	35	44.6	15.02	
Aurora (near)	57	26	41.5	6.72	
Bay City	58	29	44.9	16.58	
Bend	55	0	32.8	1.86	11.0
Oregon—Cont'd.					
Beulah	47	4	26.9	1.01	10.0
Blackbutte	59	24	41.5	8.15	2.0
Blalock	59	21	39.4	1.26	T.
Bullrun				12.18	T.
Burns	50[c]	— 6[c]	29.0[c]	2.84	13.5
Butter Creek				1.15	T.
Cascade Locks	57	30	40.0	14.46	
Coquille				7.86	
Corvallis	58	26	41.9	9.05	
Dayville	58	10	36.6	1.50	0.2
Doraville	51	27	39.8	7.86	2.5
Drain	61	29	43.6	10.06	
Ella				1.17	1.0
Eugene	58	27	41.9	7.98	
Fairview	62	30	46.6	14.95	T.
Falls City	54	24	40.0	16.47	
Forestgrove	55[c]	24[c]	41.2[c]	13.49	1.3
Gardiner	57	32	45.0	15.26	
Glendale	62	23	39.5	11.83	2.5
Glenora	58	24	40.7	25.06	4.0
Gold Beach	60	31	47.6	15.05	
Government Camp	54	12	32.1	12.07	43.0
Grants Pass	60	27	38.8	8.60	
Grass Valley	52	10	33.0	0.78	5.0
Heppner	60	18	36.9	1.72	
Hood River	59	28	38.9	6.06	1.5
Huntington	48	3	28.6		13.0
Jacksonville	51	23	37.8	7.99	
John Day	55	8	34.2	1.47	0.5
Joseph	56	3	27.7	2.44	20.2
Kerby	59	26	39.6	13.83	
Klamath Falls	63[d]	9[d]	32.7[d]	1.54	0.8
Lagrande	51	6	33.6	2.17	4.5
Lakeview	51	— 1	29.4	3.27	17.8
Lonerock	59	8	34.9	1.12	1.5
McKenzie Bridge	56	18	37.2	13.90	
McMinnville	54	28	42.6	8.90	
Marshfield	61	29	46.0	14.14	
Meacham				3.25	19.0
Monroe	55	23	41.8	9.83	T.
Mount Angel	60	26	42.8	9.49	
Nehalem				18.34	
Newport	60	35	47.0	10.89	
Ontario				0.70	5.5
Pendleton	59	14	37.0	1.52	2.0
Pine	48	0	26.4	3.38	23.0
Prineville	55	8	34.0	0.94	
Riverside	55	0	28.0	1.15	3.0
Salem	56	28	42.8	6.65	
Sparta	48	5	31.0	3.75	37.0
Stafford	58	26	41.7	8.18	0.5
The Dalles	60	25	39.2	1.79	
Toledo	60	31	44.6	17.40	
Umatilla	58	20	37.8	0.80	
Vale	52	0	26.6	1.83	4.3
Wallowa	47	— 1	29.3	2.17	13.5
Wamic	56	12	34.0	2.29	4.0
Warm Spring	57	12	36.0	1.21	1.5
Weston	58	5	33.4	2.37	6.5
Williams	63	18	40.2	7.71	T.
Pennsylvania.					
Aleppo	67	—10	29.8	2.91	10.0
Altoona	55	— 7	25.0	1.98	
Beaver Dam				3.01	
Bellefonte	53	— 8	25.0	1.52	13.0
Brookville				3.10	11.2
Browers				3.30	24.5
California	70	— 2	31.6	2.09	8.4
Cassandra	56	— 4	24.7	3.13	23.5
Centerhall		— 7		1.32	9.2
Clarion				2.99	9.6
Claysville	64	—11	29.4	2.65	12.8
Clearfield				1.51	13.1
Coatsville	52	4	25.8	3.08	20.8
Confluence				3.24	
Coudersport	50	—14	21.0		
Davis Island Dam				2.61	
Derry	69	— 2	29.6	2.58	12.0
Doylestown				3.01	
Dushore	51	— 4	22.8	2.19	12.4
East Bloomsburg				1.77	14.2
East Mauch Chunk	57	2	24.6	2.51	15.0
Easton	47	2	24.6	2.79	19.5
Ellwood Junction				2.47	
Emporium	53	—10	25.1	2.89	12.1
Ephrata	54	— 2	25.4	2.61	22.0
Everett	52	— 8	26.8	2.45	11.0
Forks of Neshaminy				2.35	
Franklin	63	—10	26.1	2.11	11.0
Freeport	65	— 9	29.2	3.01	8.4
Gettysburg	56	4	28.5	2.93	18.5
Girardville				3.28	26.2
Gordon	54	— 6	24.0	2.40	24.0
Greensboro				2.46	7.0
Greenville	62	— 7	25.6	2.16	14.8
Hamburg	49	5	27.3	3.32	21.0
Hanover	56	2	27.9	2.30	18.3
Herrs Island Dam				2.01	3.5
Pennsylvania—Cont'd.					
Huntingdon *a*				1.92	13.0
Huntingdon *b*	59	— 9	25.6	1.78	11.6
Indiana	66	0	26.4	2.73	9.0
Irwin	69	— 9	29.8	2.81	7.7
Johnstown	56	— 4	28.6	3.01	13.9
Keating				2.11	6.3
Kennett Square	54	3	26.6	2.04	17.4
Lansdale				1.93	
Lawrenceville	56[c]	—12[c]	20.6[c]	1.60	10.0
Lebanon	51	— 3	25.4	2.71	18.4
Leroy	52	— 4	21.6	1.65	10.5
Lewisburg	52	— 9	24.5	1.79	15.6
Lockhaven *a*	53	— 8	24.9	2.83	16.2
Lockhaven *b*				2.39	14.0
Lock No. 4				2.35	6.7
Lycippus	70	1	30.2	2.69	14.4
Marion	50	— 4	26.3	2.90	24.0
Mifflin				2.15	18.0
Mifflintown	55	— 8	24.8	1.63	14.8
Milford	54	— 9	22.4	2.34	19.2
Montrose	49	2	20.0	1.75	14.0
New Germantown	56	— 6	26.2	2.09	14.0
Oil City				2.80	12.1
Ottsville				2.47	
Parker				3.12	9.4
Philadelphia	53	11	30.6	2.43	20.1
Pocono Lake	52	—10	19.7	2.39	13.0
Point Pleasant				2.47	
Pottsville				2.49	
Quakertown	50	— 1	25.8	3.16	8.8
Reading	52	0	26.8	2.30	22.1
Saegerstown	61	—14	24.0	2.43	11.2
St. Marys	48	— 3	21.6	1.77	10.5
Saltsburg				2.73	10.0
Seisholtzville				2.06	
Selinsgrove	53	— 6	25.7	2.45	17.5
Shawmont				1.88	
Skidmore	61	— 7	26.0	2.29	8.0
Smethport	50	—19	21.4	1.85	11.5
Smiths Corners				2.03	
Somerset	59	— 5	25.6	3.47	15.8
South Eaton	54	2	24.6	1.90	10.5
Springmount				2.10	
State College	53	— 5[c]	24.2	1.78	11.2
Swarthmore	55	5	27.6	2.30	17.0
Towanda	55	— 1	23.0	1.59	9.1
Uniontown	71	— 5	30.8	1.89	8.0
Warren	55	— 8	23.6	2.20	12.2
Wellsboro	46	— 5	22.9		8.5
Westchester	55	5	27.2	3.02	21.8
West Newton				3.32	11.0
Wilkesbarre	54	1	26.1	3.38	26.0
Williamsport	53	— 3	24.4	2.63	12.8
Rhode Island.					
Bristol	44	8	26.3	3.82	24.0
Kingston	50	4	23.2	4.97	28.0
Pawtucket	48	0	24.1	4.20	20.4
Providence *a*	48	8	24.6	4.31	22.0
Providence *c*	48	5	24.2	3.29	18.1
South Carolina.					
Aiken	77	21	46.4	3.25	
Allendale	63	23	40.6	1.60	
Anderson	74	18	45.1	4.38	0.8
Batesburg	75	21	46.0	3.29	
Beaufort	70	27	52.1	1.56	
Blackville	77	22	47.1	2.39	
Bowman	76	23	47.6	2.07	
Calhoun Falls				2.54	
Camden				2.57	
Cheraw *a*	78	22	42.0	2.60	
Cheraw *b*				2.77	
Clarks Hill	75	22	45.9	3.97	
Clemson College	68	16	40.5	3.56	0.5
Conway	75	23	45.3	2.30	
Darlington	77	19	44.5	2.47	
Dillon	76[d]	21[d]	44.2[d]	1.52	
Duewest	68	23	45.4	3.88	T.
Effingham				2.50	
Florence	73	22	48.7	2.04	
Gaffney	68	20	41.2	3.71	7.0
Georgetown	75	28	48.0		
Greenville	67	17	39.1	4.90	6.2
Greenwood	70	22	42.7	4.72	
Heath Springs	68	18	40.8	3.49	1.0
Kingstree *b*				1.70	
Liberty	66	17	42.5	3.77	2.5
Little Mountain	67	23	44.8	3.52	0.2
Lugoff	76	19	43.0	4.30	T.
Newberry	75	21	43.4	3.73	2.0
Pelzer				2.62	2.5
Pinopolis *[1]	72	26	47.2	1.59	
St. George	71	21	45.4	1.00	
St. Matthews	75	27	45.1	2.06	
St. Stephens				1.36	
Saluda	75	20	44.3	3.64	
Santuck	66[e]	18[e]	41.8[e]	3.96	2.5
Seivern	78	19	45.0	3.18	T.
Smiths Mills				2.00	

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.					
Society Hill	74	24	47.8	2.49	
Spartanburg	67	21	40.4	4.10	3.8
Statesburg	77	25	46.8	2.32	
Summerville	72	22	47.8	1.64	
Trenton	74	23	46.1	4.26	T.
Trial	72	18	46.0	1.58	
Walhalla	74	16	41.7	4.47	T.
Walterboro	77	21	51.5	1.44	
Winnsboro	75	22	42.8	3.70	T.
Winthrop College	72	20	42.0	3.23	1.0
Yemassee	73	21	48.0	1.28	
Yorkville	73	23	42.6	3.30	4.0
South Dakota.					
Aberdeen	49	—21	16.8	1.60	8.6
Academy	67	—15	25.0	0.35	3.5
Alexandria	60	—15	20.6	0.16	3.0
Armour	65	—12	25.6	0.14	1.2
Ashcroft	55	—33	22.4	1.10	11.0
Bowdle	49	—24	18.4	0.65	6.5
Brookings	58	—15	17.7	0.20	.....
Canton	58	—16	22.2	0.09	1.5
Cavite	67	—17	23.2	0.25	.....
Centerville	.....	.....	.....	0.75	7.8
Chamberlain	55	—14	21.8	0.59	6.0
Cheyenne	53	—23	20.4	T.	T.
Clark	52	—21	17.3	0.59	5.9
Clear Lake	48	—15	17.0	0.13	.....
DeSmet	61	—17	21.0	0.65	6.5
Doland	47	—20	17.8	0.50	8.0
Elkpoint	65[d]	—11[d]	24.2[d]	0.66	6.0
Fairfax	70	—12	26.4	T.	T.
Farmingdale	.....	.....	.....	0.89	3.0
Faulkton	51	—19	18.2	0.54	8.0
Flandreau	47	—15	17.9	0.53	3.4
Forestburg	52	—16	19.3	0.38	3.8
Fort Meade	69	—12	28.0	0.72	.....
Gannvalley	50	.....	.....	0.35	3.0
Grand River School	56	—26	19.7	0.14	5.5
Greenwood	72	— 9	27.4	0.32	3.2
Herreid	47	—30	16.9	.....	.....
Highmore	54	—21	19.4	0.60	6.0
Hotch City	63	—17	21.0	0.37	6.5
Howard	55	—16	19.6	0.21	1.5
Howell	49	—19	17.0	0.46	4.4
Ipswich	51	—20	16.6	0.30	3.0
Kidder	53	—21	16.2	1.10	7.0
Kimball	60	.....	.....	0.18	1.0
Leola	50	—19	19.0	0.30	5.0
Leslie	60	—20	21.8	0.00	
Marion	56[e]	—15[e]	21.5[e]	0.59	4.0
Mellette	52	—20	18.6	0.20	2.0
Menno	60	—12	23.2	0.47	5.0
Milbank	58	—12	17.0	0.82	8.5
Mitchell	62	—12	25.4	0.50	5.0
On-the-Trees Camp	54	—23	21.2	0.70	7.8
Pine Ridge	67	—14	26.2	0.20	3.5
Ramsey	53	—18	17.4	0.30	3.0
Redfield	53	—20	16.6	0.35	3.2
Silver City	.....	.....	.....	0.73	6.0
Sioux Falls	59	—15	20.5	0.41	4.0
Sisseton Agency	53	—21	18.1	0.64	6.4
Spearfish	63	— 7	30.0	0.66	7.0
Stephan	47	—20	18.4	0.60	7.0
Tyndall	59	—10	24.9	0.22	.....
Vermillion	65	—10	25.0	0.50	4.3
Watertown	51	—17	16.6	0.34	6.3
Wentworth	55	—16	18.6	0.34	3.4
Wolsey	.....	.....	.....	0.53	5.2
Tennessee.					
Andersonville	60	12	36.0	6.54	0.4
Ashwood	70	21	41.6	5.63	.....
Benton	72	16	41.8	5.41	T.
Bluff City	.....	.....	.....	3.52	1.4
Bolivar	69[c]	17[b]	40.8[c]	7.55	T.
Bristol	66	13	36.6	3.80	4.0
Byrdstown	67	12	39.2	4.92	1.3
Carthage	66[j]	21[j]	39.0[j]	5.13	0.2
Catlettsburg	.....	.....	.....	4.31	
Cedar Hill	70	16	40.4	6.38	T.
Celina	.....	.....	.....	5.21	
Charleston	.....	.....	.....	4.49	2.0
Clarksville	67	15	40.6	6.51	0.5
Clinton	.....	.....	.....	6.67	T.
Covington	65	17	40.7	8.00	T.
Decatur	68	14	41.0	5.40	T.
Dickson	71	11	39.8	7.60	T.
Dover	75	12	41.2	6.69	T.
Dyersburg	65	18	39.8	5.75	T.
Elizabethton	70	14	38.2	4.72	2.6
Erasmus	70	9	37.6	7.10	2.6
Florence	68	17	41.4	5.52	T.
Franklin	68	16	40.7	6.71	T.
Grace	.....	.....	.....	5.50	
Greeneville	66	14	39.8	3.48	3.2
Halls Hill	.....	.....	.....	5.24	
Harriman	66	17	39.8	6.72	T.
Hohenwald	70	10	39.4	7.80	0.7
Iron City	70	12	40.9	6.95	T.

Stations.	Temperature. (Fahrenheit.) Maximum.	Minimum.	Mean.	Precipitation. Rain and melted snow.	Total depth of snow.
	°	°	°	Ins.	Ins.
Tennessee—Cont'd.					
Isabella	69	16	40.7	5.64	1.1
Jackson	70	19	42.8	6.40	.....
Johnsonville	71	14	40.9	7.36	T.
Jonesboro	68	14	38.6	3.27	T.
Kenton	66	16	40.9	7.43	1.0
Kingston	.....	.....	.....	5.90	1.4
Lafayette	70	11	39.0	5.00	.....
Leadvale	.....	.....	.....	3.00	T.
Lewisburg	70	18	42.3	5.47	0.1
Loudon	.....	.....	.....	5.79	T.
Lynnville	69	17	40.2	4.07	0.5
McKenzie	67	15	41.5	.....	.....
McMinnville	68	14	41.4	5.68	3.8
Maryville	70	15	41.4	4.96	T.
Monterey	62	19	40.2	.....	.....
Newport	70	17	40.0	3.81	T.
Nunnelly	72	17	41.1	6.09	T.
Palmetto	69	15	41.6	5.82	T.
Pope	70	12	41.4	7.90	T.
Rogersville	67	14	38.7	4.47	2.0
Rotherwood	.....	.....	.....	4.18	0.1
Rugby	67	5	36.6	6.02	1.5
Savannah	71	12	43.1	6.28	T.
Sewanee	62	12	39.6	4.64	T.
Silver Lake	59	8	33.9	4.46	10.0
Springdale	69	14	38.3	5.83	1.0
Springville	71	14	41.0	7.19	0.1
Tazewell	.....	.....	.....	5.78	1.6
Tellico Plains	70	17	43.2	4.56	1.0
Tracy City	64	12	38.8	5.93	T.
Trenton	67	17	41.9	7.57	T.
Tullahoma	67	15	40.6	5.88	T.
Walling	.....	.....	.....	6.42	T.
Wildersville	68	21	41.9	8.60	0.2
Yukon	69	16	41.4	6.50	.....
Texas.					
Albany	77	18	46.0	0.38	
Alvin	.....	.....	.....	4.10	
Arthur	.....	.....	.....	0.40	
Athens	80	18	47.6	1.25	
Austin	80	24	52.8	0.87	
Ballinger	74	17	45.2	0.54	0.5
Beaumont	82	26	55.2	2.47	
Beeville	85	28	56.4	3.41	
Bigspring	74	16	44.1	0.43	1.5
Blanco	74	19	46.2	1.23	
Boerne	83	21	49.3	1.67	
Bonham	72	18	47.2	0.51	
Booth	.....	.....	.....	6.75	
Bowie	76	14	45.4	0.02	0.2
Brazoria	82	27	57.0	3.89	
Brenham	81	26	51.8	6.05	
Brighton	84	28	57.4	2.30	
Burnet	75	20	49.6	1.79	
Channing	76	9	37.8	0.60	6.0
Childress	76	17	41.0	0.35	2.5
Clarksville	75[d]	19[d]	44.5[d]	1.14	T.
Claytonville	74	17	45.6	0.63	2.5
Coleman	77	20	49.2	0.50	
College	82	19	51.6	3.95	
Colorado	74	15	45.3	0.59	2.0
Columbia	79	25	54.2	6.63	
Columbus	.....	.....	.....	3.38	
Comanche	74[e]	11[e]	45.4[e]	0.20	
Corsicana	85	22	50.6	0.59	
Cotulla	79	28	53.2	0.00	
Crockett	82	22	53.2	8.11	
Cuero	82	29	55.6	6.66	
Dallas	76	20	46.6	0.74	
Danevang	83	24	55.5	2.50	
Decatur	73	18	47.2	0.00	
Dialville	75[c]	.....	49.4[h]	5.37	
Duval	81	24	52.0	1.20	
Estelle	82	18	47.4	0.53	
Fort Brown	89	39	62.4	1.26	
Fort Clark	80	23	51.9	0.20	
Fort Davis	66	13	43.6	0.56	
Fort McIntosh	86	22	56.5	0.70	
Fort Ringgold	87	24	60.6	0.20	
Fort Stockton	76	16	45.8	0.18	
Fredericksburg	76[c]	21[c]	49.6[c]	1.66	
Gainesville	73	14	44.6	0.42	
Gatesville	74	19	50.2	1.00	
Georgetown	83	20	51.2	1.32	
Graham	77	13	46.6	0.17	0.5
Grapevine	74[g]	20[g]	48.0[g]	0.37	T.
Greenville	76	18	48.5	0.82	
Hale Center	75	16	41.3	0.05	0.5
Hallettsville	79	27	54.7	3.73	
Haskell	78	14	44.5	0.41	0.5
Hearne	83	21	50.0	2.58	
Hempstead	.....	.....	.....	4.39	
Hewitt	.....	.....	.....	0.49	
Hillsboro	73	19	48.3	0.77	
Hondo	82	28	54.4	1.25	
Houston	81	28	52.0	2.39	
Huntsville	76	24	51.5	6.45	
Ira	.....	.....	.....	0.40	3.0

Stations.	Temperature. (Fahrenheit.) Maximum.	Minimum.	Mean.	Precipitation. Rain and melted snow.	Total depth of snow.
	°	°	°	Ins.	Ins.
Texas—Cont'd.					
Jefferson	76	22	48.8	8.15	
Jewett	81	12	48.4	4.00	
Junction	.....	.....	.....	0.48	
Kaufman	74	18	49.0	0.36	
Kerrville	80	22	51.8	1.73	
Knickerbocker	78	13	47.2	0.45	
Kopperl	.....	.....	.....	0.30	
Lampasas	78	18	47.3	1.24	
Lapara	.....	.....	.....	0.82	
Liberty	.....	.....	.....	2.90	
Llano	76	22	45.8	1.50	
Longlake	.....	.....	.....	3.38	
Longview	77	21	45.7	5.80	
Luling	78	26	52.2	1.43	
McKinney	73	22	48.1	0.36	
Mann	78	17	50.4	0.66	
Marlin	76	22	48.6	1.05	
Menardville	72	10	44.8	0.40	
Mexia	77	22	50.6	1.59	
Midland	68	12	41.7	0.05	0.5
Mount Blanco	78	10	40.4	0.30	3.0
Nacogdoches	81	23	49.6	8.03	
New Braunfels	81	25	52.4	1.27	
Orange	.....	.....	.....	3.00	
Panter	.....	.....	.....	T.	
Paris	79	8	49.2	0.81	
Pearsall	81	26	54.6	0.62	
Pecos	79	19	48.1	0.05	0.5
Port Lavaca	82	25	55.5	2.66	
Quanah[k]	70	20	39.4	.....	
Rhineland	75	15	41.6	0.30	3.0
Riverside	.....	.....	.....	7.26	
Rockisland	81	25	54.0	2.64	
Rockland	82	40	56.8	10.09	
Rockport	76	40	56.8	7.60	
Runge	80[c]	26[e]	54.2[e]	6.08	
Sabinal	92	21	50.9	0.80	
San Marcos	80	24	51.1	1.33	
San Saba	74	17	48.3	0.65	
Santa Gertrude	.....	.....	.....	1.12	
Sherman	72	22	48.7	T.	
Sonora	73	12	45.8	0.18	
Sugarland	77	25	51.8	7.17	
Sulphur Springs	76	19	47.2	1.73	T.
Temple *a*	77	20	48.0	0.98	
Temple *b*	77	21	48.8	0.91	
Texline	.....	.....	.....	0.75	7.5
Tilden	90	19	57.9	1.08	
Trinity	84	22	52.6	6.85	
Tulia	77	7	38.4	0.55	4.0
Tyler	78	21	48.1	2.31	
Victoria	83[e]	28	54.8[b]	1.59	
Waco	86	24	51.4	0.29	
Waxahachie	76	19	48.4	0.65	
Weatherford	74	18	45.2	0.41	
Wichita Falls	.....	.....	.....	0.00	
Utah.					
Alpine	.....	.....	.....	1.33	.....
Aneth	57	6	31.5	0.28	T.
Beaver	70	— 9	31.6	0.40	4.0
Blackrock	55	—14	27.5	0.55	5.5
Callao	59	— 6	27.4	0.05	0.5
Castledale	55	—12	22.8	.....	.....
Castle Rock	.....	.....	.....	1.50	15.0
Corinne	58	— 8	31.2	1.00	10.0
Coyoto	56	—18	23.4	0.40	4.0
Deseret	58	—16	26.7	0.77	13.0
Emery	47	— 2	22.4	0.40	4.0
Ex. Farm	65	9	36.0	.....	.....
Farmington	52	1	30.0	1.57	12.5
Fillmore	63	— 7	34.2	0.95	.....
Fort Duchesne	51	— 9	22.0	0.07	0.7
Frisco	59	2	35.0	0.22	2.2
Garrison	58	4	31.8	0.22	2.1
Giles	54	— 4	28.8	0.50	T.
Government Creek	52	— 3	29.8	0.62	6.5
Grayson	61	7	30.6	0.53	5.5
Green River	50	— 4	29.8	0.05	.....
Heber	54	—24	22.4	1.91	24.0
Henefer	55	—25	24.7	1.57	11.8
Hite	76	14	36.9	0.25	.....
Huntsville	.....	.....	.....	2.12	17.0
Ibapah	65	— 9	26.4	0.20	2.0
Indianola	.....	.....	.....	0.84	.....
Kanab	58	1	30.4	0.10	1.0
Kelton	49	— 6	24.0	0.30	3.0
La Sal	50	— 6	27.5	0.80	8.0
Levan	54	—11	26.6	1.52	15.9
Loa	60	—14	24.4	0.00	
Logan	56	—12	28.0	0.90	.....
Manti	58	—15	23.6	1.50	15.0
Marysvale	58	—14	27.9	0.41	7.2
Meadowville	49	— 9	25.9	1.30	11.0
Millville	.....	.....	.....	0.91	.....
Minersville	54	— 5	31.4	0.80	8.0
Moab	57	4	31.4	0.29	2.0
Morgan	49	—25	24.0	1.47	13.5
Mount Nebo	59	— 4	30.8	0.24	1.0

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.
	°	°	°	Ins.	Ins.
Utah—Cont'd.					
Mount Pleasant	55	— 8	28.0	1.90	19.0
Nephi				1.10	9.5
Ogden	48	0	30.0	1.47	9.8
Panquitch				0.20	2.0
Parowan	55	— 7	29.6	0.79	9.5
Payson				0.49	4.9
Pinto	60	— 5	28.0	0.17	2.0
Plateau	63	0	29.9		
Promontory*[1]	55	—15	23.0	0.65	6.5
Provo	54	— 6	29.8	1.05	8.6
Ranch	66	— 3	31.2	0.10	
Randolph				0.23	4.0
Richfield	61[b]	—13[b]	26.4[b]	0.80	8.0
Rockville	81	16	44.9	0.29	
St. George	67	10	41.2	0.17	
Salt Air	54	2	30.8	0.29	3.0
Scipio	61	—21	29.4	1.99	15.0
Snowville	52	—18	23.8	0.90	9.0
Soldier Summit	50	—20	18.0	0.66	10.0
Thistle	57	—20	24.8	1.50	15.0
Tooele	53	5	31.5	0.65	
Tropic	58	1	31.9	0.10	1.0
Utah Lake				0.53	4.0
Vermont.					
Burlington	40	—14	16.0	1.63	8.5
Cavendish	46	— 9	15.8	1.77	
Chelsea	42	—13	11.6	1.36	16.0
Chittenden				1.67	
Cornwall	44	—11	15.8	1.49	6.4
Enosburg Falls	47	—33	12.0	1.71	13.5
Jacksonville	32	—19	14.0	3.11	43.3
Manchester	45	— 8	17.2	2.13	9.5
Morrisville	44	—22	11.2	2.60	21.7
Norwich	45	—14	11.8	2.05	11.0
St. Johnsbury	42	—22	11.8	1.63	12.2
Wells	40	— 9	14.6	1.93	11.5
Woodstock	46	—16	13.4	1.54	19.0
Virginia.					
Ashland	63	1	32.2	3.16	10.0
Barboursville	62	— 2	33.9	3.42	11.5
Bedford	65	11	34.4		6.5
Bigstone Gap	65	12	37.4	5.12	4.5
Blacksburg	60	4	33.6	3.12	6.5
Buchanan				3.00	0.7
Buckingham	65	0	33.9		
Burkes Garden	58	6	32.2	4.38	1.0
Callaville	70	10	37.4	4.71	7.0
Charlottesville	65	15	37.0	2.82	7.0
Clarksville				3.55	6.0
Columbia	63	0	32.4	3.79	8.0
Dale Enterprise	58	0	31.4	2.38	7.0
Danville				3.02	2.5
Dinwiddie	69[c]	2[c]	33.8[c]	5.18	6.2
Elk Knob	59	8	36.4	5.95	6.0
Farmville	58	10	33.8	1.60	5.3
Fredericksburg	62	0	31.6	3.85	14.2
Hampton	63	19	37.6	6.36	6.0
Hot Springs	59	— 1	31.0	2.54	4.5
Howardsville				2.80	3.0
Ivanhoe				2.52	
Lexington	61	1	33.0	2.71	7.8
Lincoln	61	— 7	26.8	2.04	11.0
McDowell	58	— 9	29.0	1.52	12.8
Mendota				4.46	2.0
Newport News	65	18	38.4	5.86	6.3
Petersburg	62	10	35.2	5.24	10.8
Radford				1.20	4.0
Riverton				2.03	8.0
Roanoke	65	9	37.4	3.21	7.8
Rockymount				3.43	6.5
Saxe	65	11	35.8	3.16	4.2
Shenandoah				1.20	4.2
Speers Ferry				5.75	5.0
Spottsville	68	8	36.4	4.42	8.5
Staunton	62	1	34.0	2.42	7.0
Stephens City	62	2	30.8	3.77	15.0
Warsaw	65[b]	6[b]	31.4[b]	2.58	9.0
Wilkerson	65	8	33.2	4.32	14.1
Williamsburg	65	9	35.6	7.45	11.8
Woodstock	62	0	30.9	2.73	9.4
Wytheville	65	11	35.2	2.58	1.6
Washington.					
Aberdeen	57	30	41.8	11.89	2.0
Anacortes				2.54	
Ashford				11.25	17.0
Bellingham	57	26	44.0	3.11	T.
Blaine	56	26	41.9	8.29	2.0
Brinnon	52	27	40.3	11.86	4.0
Cedonia	45	13	30.8	1.12	11.1
Centralia	61	27	42.4	7.15	T.
Cheney	56	14	33.0	2.42	10.0
Clearbrook	57	24	39.9	8.29	
Clearwater	53	29	41.4	20.92	9.0
Cle Elum	50	17	32.2	3.89	19.0
Colville	45	4	29.6	1.90	17.8
Conconully	46	3	27.0	2.33	19.9
Coupeville	55	30	43.6	2.36	T.
Crescent	46	10	30.2	2.08	10.0
Washington—Cont'd.					
Cusick	52	— 1	30.3	2.97	13.7
Danville	45	7	29.2	1.35	12.7
Dayton	59	16	36.8	2.59	2.5
East Sound	57	25	41.7	5.76	
Ellensburg	48	15	30.8	1.44	9.0
Ephrata	51	13	32.6	1.40	6.0
Grandmound	54	26	41.0	8.09	T.
Granite Falls				7.36	
Horseheaven				0.61	2.0
Ilwaco	59	32	45.2	14.60	
Lacenter	54	24	40.6	8.03	0.5
Lakeside	48	13	32.2	1.87	20.0
Lester	48	18	36.0	7.74	13.5
Lind	48	19	34.4	1.13	1.7
Mottinger Ranch	59	23	38.6	1.47	
Mount Pleasant	60	31	41.0	8.02	T.
Moxee	55	12	32.6	0.77	1.3
Northport	45	7	30.3	2.18	21.8
Odessa	51	15	33.6	1.31	
Olga	59	29	43.1	4.10	T.
Olympia	54	24	41.4	8.32	T.
Pinehill	56	22	37.7	4.03	1.5
Pomeroy	55	15	36.0	2.14	2.0
Port Townsend	53	32	43.7	2.69	3.5
Pullman	48	16	34.2	2.36	3.7
Rattlesnake	53[d]	14[d]	32.3[d]	1.67	2.5
Republic	45	1	27.8	1.79	13.0
Ritzville				1.52	
Ritzville (near)				1.58	0.5
Rosalia	44	18	33.2	2.34	4.2
Sedro	55	28	41.5	5.39	3.0
Snohomish	52	25	42.0	6.83	T.
Snoqualmie	52	27	41.2	8.82	
Southbend	70	30	43.6	11.14	
South Ellensburg	44	16	31.8	1.26	13.0
Sprague				2.90	2.0
Sunnyside	56	14	33.8	0.55	T.
Trinidad	52	12	32.6	1.25	12.5
Twisp	46	0	25.6	2.64	31.0
Union	54	24	40.4	15.36	2.7
Vancouver	58	27	42.2	6.82	
Vashon	54	32	43.1	6.08	
Wahluke	53	15	34.8	0.74	T.
Waterville	49	5	27.9	1.43	13.0
Wenatchee (near)	48	10	29.3	2.25	20.1
Wilbur	42	3	29.1	1.68	6.3
Zindel	53[d]	20[d]	38.4[d]	1.25	
West Virginia.					
Bancroft	67	2	36.0	1.82	7.5
Bayard	60	— 8	27.4	3.95	16.1
Bens Run	64	0	32.4	3.02	13.0
Beverly	64	— 6	28.0	3.34	13.0
Bluefield	62	9	34.9	0.95	8.0
Buckhannon	69	— 5	33.2	3.87	18.0
Burlington	60	— 7	28.6	2.68	13.0
Cairo	66	—12	31.6	3.03	13.0
Central	65	—13	31.8	3.37	9.2
Charleston	70	2	38.8	2.73	
Creston	65	—11	32.2	1.63	8.0
Cuba	67	— 8	32.1	2.91	12.0
Doane	65	8	36.0	3.72	
Elkhorn	66	12	36.4	5.63	3.8
Fairmont				2.98	9.5
Glenville	70	—11	34.4	2.95	11.0
Grafton	71	— 3	32.8	2.93	11.3
Green Sulphur Springs	67	9	32.4	1.69	
Hamlin	69	— 4	34.0	2.45	1.0
Harpers Ferry				2.58	15.1
Hinton				2.87	3.5
Huntington	65	7	34.4	3.66	7.0
Leonard	53	6	29.4	5.33	12.0
Lewisburg	60	1	32.2	3.27	4.0
Logan	70	13	38.4	4.06	10.0
Lost Creek	65	—16	28.4	2.77	6.5
Mannington	69	—14	31.3	2.54	9.0
Martinsburg	51	— 1	27.7	2.35	20.0
Moorefield	65	— 8	32.4	2.70	11.0
Morgantown	70	1	31.6	2.56	9.0
Moundsville	67	— 6	33.0	2.99	11.1
New Cumberland	64	— 5	28.3	2.45	6.5
New Martinsville	66	— 3	32.6	3.09	10.5
Nuttallburg	78	10	40.6	0.87	4.0
Parsons	65[c]	— 6[c]	29.8[c]	4.40	13.0
Philippi	71	—14	31.6	4.29	10.0
Pickens	60	1	29.8	5.91	16.0
Point Pleasant	68	2	36.1	2.88	9.0
Princeton	62	8	35.2	5.90	9.5
Romney	60	— 6	31.2	2.72	10.0
Rowlesburg				4.26	12.4
Ryan	67	—14	33.1	2.52	10.8
Smithfield	69	—11	31.5	3.00	11.5
Southside	68	— 3	34.9	2.00	11.6
Terra Alta	60	7	34.0	4.37	16.2
Uppertract	61	— 5	32.6	2.51	7.0
Valley Fork	70	— 5	36.3	2.81	10.2
Wellsburg	64	1	28.0	3.05	10.5
Weston	70	—20	33.8	4.16	
Wheeling *a*				1.99	12.0
West Virginia—Cont'd.					
Wheeling *b*	66	0	34.6	1.39	7.0
Williamson	69	12	37.6	3.30	2.0
Wisconsin.					
Amherst	44	—15	17.6	1.50	12.0
Antigo	45	—11	16.6	2.70	27.0
Appleton	43	— 7	20.4	1.74	16.0
Appleton Marsh	46	—17	18.4	2.17	21.5
Ashland				1.68	
Barron	48	—12	15.2	0.90	9.0
Beloit	49	—15	22.2	2.51	14.5
Berlin	44	—11	18.4		
Brodhead	50	—24	21.3	3.00	22.0
Burnett	45	—14	19.4	2.01	11.5
Butternut	49	—20	14.6	2.48	24.9
Chilton	47	—11	19.5	2.78	19.3
Darlington	52	—29	18.4	1.42	13.0
Easton	41	—22	17.3	1.76	16.2
Eau Claire	46	—12	18.8	1.68	17.0
Florence	48	— 8	15.8	2.19	21.5
Fond du Lac	45	—18	19.3	1.71	11.0
Grand Rapids	44	—15	17.8	1.24	12.5
Grand River Locks				1.18	15.5
Grantsburg	50	—19	17.4	1.50	15.0
Hancock	42	—20	18.0	2.20	22.0
Hayward	46	—20	14.2	1.14	10.9
Hillsboro	49	—24	18.1	2.30	23.0
Koepenick	48	—17	16.2	2.40	23.0
Lancaster	51	—15	19.4	1.87	18.5
Manitowoc	43	— 3	22.4	2.40	29.8
Meadow Valley	48	—17	17.6	1.48	17.0
Medford	47	—11	18.4	2.90	29.0
Menasha				1.41	19.0
Minocqua	47	—15	16.2	2.25	18.0
Mount Horeb	50	— 8	18.4	2.65	14.3
Neillsville	42	—20	18.2	3.31	33.1
New London	44	—15	18.2	1.93	15.0
New Richmond	46	—10	18.4	0.50	5.0
Oconto	47	— 7	19.5	1.75	17.5
Osceola	48	—12	16.8	0.50	5.0
Oshkosh	43	— 8	18.9	2.16	12.0
Pine River	48	—13	19.3	1.66	18.9
Portage	47	—14	20.2	1.82	13.0
Port Washington	50	— 7	19.4	2.40	15.0
Prairie du Chien *a*	54	—16	24.6	2.40	18.1
Prairie du Chien *b*				2.09	15.2
Prentice	49	—17	17.7	1.83	23.0
Racine	50	5	25.4	1.80	
Sheboygan	47	3	24.0	1.70	15.5
Spooner	47	—16	15.6	0.49	10.0
Stanley	48	—14	17.2	1.63	17.2
Stevens Point	48	—19	19.9	1.00	10.0
Tomahawk				1.95	15.0
Valley Junction	48	—17	19.4	2.82	
Viroqua	46	— 9	19.0	2.40	21.5
Watertown	49	—14	18.8	2.30	18.8
Waukesha	49	— 1	21.4	1.38	12.0
Waupaca	43	—13	17.6	1.38	18.0
Whitehall	58	—17	19.4	0.82	8.2
Wyoming.					
Afton	52	—24	22.8	1.03	11.0
Alcova	52	—12	29.0	0.11	2.0
Basin	53	—15	24.6	0.01	
Bedford	46	—28	22.0	1.64	16.4
Border	46	—32	18.1	0.58	
Buffalo	62	—15	25.6	0.25	2.5
Cambria	52	—12	26.4	0.90	9.0
Centenial				0.30	3.0
Daniel	50	—20	17.6	0.55	5.5
Embar	56	—12	27.4	0.70	7.0
Evanston	51	—20	24.0	0.53	5.0
Fontenelle	48	—28	18.2	0.75	7.5
Fort Laramie	62	0	30.8	0.21	1.7
Fort Washakie	57	—13	25.2	0.18	1.8
Gillette	50	—12	27.3	0.50	6.0
Granite Canyon				0.30	3.0
Green River	52[e]	—18[e]	22.8[e]		
Griggs	61	—31	27.6	0.92	9.2
Hyattville	60	—20	29.2	0.60	6.0
Iron Mountain	56	— 2	28.0	0.05	0.5
Kirtley	60	—10	27.4	0.15	2.2
Laramie	53	—11	26.2	0.08	1.0
Leo	47	—21	24.2	0.35	4.5
Little Medicine	47	—18	19.2	0.53	12.0
Lolabama Ranch	47	—10	24.4	0.01	
Lusk	60	—12	26.7	0.30	3.0
Marquette	60	—15	32.1	T.	T.
Meeteetse	47	— 9	21.9	0.10	2.0
Moore	56	— 1	29.9	0.12	
Moorcroft	54	—21	25.3	0.60	6.0
Phillips	67	— 5	33.1	0.20	2.0
Pine Bluff	68	— 4	31.8	T.	T.
Red Bank	62	—17	24.1	2.04	18.0
Rock Springs	45	— 7	24.2		
Sheridan	67	—12	28.8	0.60	6.0
South Pass City	54	—28	16.8	0.60	6.0
Story	68			2.55	25.5
Thayne	48	—30	20.3	1.38	14.8
Wells	43	—15	16.8	1.11	16.0

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

Stations.	Temperature. (Fahrenheit.) Maximum.	Minimum.	Mean.	Precipitation. Rain and melted snow.	Total depth of snow.
Wyoming—Cont'd.	°	°	°	*Ins.*	*Ins.*
Yellowstone Park (C. H.)	42	—26	15.4	1.44	30.5
Yellowstone Pk. (Foun'n)	40	.....	.....	2.30	23.0
Yellowstone Pk. (Lake)	40	—18	18.0	1.60	16.0
Yellowstone Pk. (U. Ba'n)	43	—32	18.4	2.80	30.5
Yellowstone Pk. (Soda B.)	42	—27	16.9	1.80	16.0
Porto Rico.					
Adjuntas	88	50	70.5	0.90	
Aguirre	92	63	78.4	0.93	
Aricebo	86	55	74.1	2.65	
Bayamon	90	59	75.5	2.60	
Caguas	87	56	72.9	2.58	
Canovanas	84	66	76.2	3.20	
Corozal	93	60	.....	2.50	
Fajardo	89	62	76.8	2.73	
Guanica	91	58	75.0	0.55	
Hacienda Colosa	90	58	75.1	1.94	
Hacienda Josefa	.....	.....	.....	1.00	
Humacao	87	72	79.8	3.75	
Isabela	87	63	75.0	1.70	
Juana Diaz	92	66	79.6	T.	
La Carmelita	85	60	73.6	8.42	
Lares	87	55	71.8	3.46	
Manati	92	60	75.6	1.41	
Maunabo	90	64	77.6	1.10	
Mayaguez	92	61	76.2	3.80	
Morovis	91	58	74.1	4.90	
Ponce	90	65	78.0	0.05	
Rio Blanco	87	62	75.8	3.07	
Rio Piedras	.....	.....	.....	2.54	
San German	88	60	75.1	5.95	
San Lorenzo	87	56	73.0	2.01	
San Salvador	84	59	71.6	2.39	
Santa Isabel	87	60	75.3	0.52	
Vieques	95	70	78.6	1.88	
Yauco	83	63	74.2	1.58	
New Brunswick.					
St. John	43	— 6	15.5	2.04	12.3

Late reports for November, 1904.

Stations.	Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.
Alaska.	°	°	°	*Ins.*	*Ins.*
Coal Harbor	43	17	31.6	2.83	3.2
Alaska—Cont'd.	°	°	°	*Ins.*	*Ins.*
Kenai	39	—21	17.6	0.48	3.2
Wood Island	52	12	34.7	5.20	.....
Arizona.					
Alpine	.....	.....	.....	0.00	
Pinal Ranch	.....	.....	.....	0.00	
Arkansas.					
Batesville	79	23	49.8	0.36	
California.					
Meadow Valley	.....	.....	.....	4.46	4.0
San Miguel Island	.....	.....	.....	0.10	
Georgia.					
Bainbridge	77[c]	30[b]	54.3[c]	3.40	
Iowa.					
Earlham	72	7	40.2	0.13	T.
Fayette	70	7	35.9	T.	T.
Greenfield	70	8	42.1	0.24	0.3
Lenox	68	11	42.2	0.11	T.
Ottumwa	78	16	44.6	0.13	
Kansas.					
Anthony	.....	.....	.....	0.15	1.5
Madison	76	13	46.4	0.13	0.5
Viroqua[1]	74	12	45.2	T.	T.
Minnesota.					
Two Harbors	70	— 5	35.6	0.00	
Willow River	68	— 8	34.6	0.30	0.9
Nebraska.					
Lynch	.....	.....	.....	0.00	
New Hampshire.					
Jefferson Highland	.....	.....	.....	1.38	16.0
New Mexico.					
Dorsey	70	8	42.9	T.	T.
New York.					
Caldwell	54	8	32.9	0.70	4.5
Rhode Island.					
Pawtucket	58	11	36.6	2.20	0.1
Texas.					
San Marcos	77	30	59.3	0.33	
Santa Gertrude	.....	.....	.....	1.10	
Utah.					
Blacksmith Fork	.....	.....	.....	0.00	
Porto Rico.					
Bayamon	90	60	77.2	2.45	
Mexico.					
Vera Cruz	83	56	72.8	3.01	

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.

CORRECTIONS.

October, 1904, Minnesota, Angus, make mean temperature 44.9° instead of 44.8°; Luverne, make total precipitation 5.13 instead of 5.03. November, 1904, Colorado, Fort Morgan, make total precipitation 0.05 instead of T; Trinidad, make total precipitation 0.05 instead of T. California, Georgetown, make total precipitation 2.53 instead of 2.05.

TABLE III.—*Resultant winds from observations at 8 a. m. and 8 p. m., daily, during the month of December, 1904.*

Stations.	Component direction from— N.	S.	E.	W.	Resultant. Direction from—	Duration.
	Hours.	Hours.	Hours.	Hours.	°	Hours.
New England.						
Eastport, Me	29	5	6	36	n. 51 w.	38
Portland, Me	27	12	0	39	n. 69 w.	42
Concord, N. H. †	19	3	3	14	n. 34 w.	19
Northfield, Vt	29	26	7	9	n. 34 w.	4
Boston, Mass	26	13	4	36	n. 68 w.	34
Nantucket, Mass	22	8	12	33	n. 56 w.	25
Block Island, R. I	25	10	9	32	n. 57 w.	28
Narragansett, R. I.*	12	5	7	16	n. 52 w.	11
Providence, R. I	31	7	6	31	n. 46 w.	35
Hartford, Conn	32	18	2	22	n. 55 w.	24
New Haven, Conn	32	12	12	24	n. 31 w.	23
Middle Atlantic States.						
Albany, N. Y	28	21	9	14	n. 36 w.	9
Binghamton, N. Y. †	10	3	7	14	n. 45 w.	10
New York, N. Y	28	7	10	32	n. 46 w.	30
Harrisburg, Pa	15	12	16	30	n. 78 w.	14
Philadelphia, Pa	27	13	10	27	n. 51 w.	22
Scranton, Pa	22	19	16	24	n. 69 w.	8
Atlantic City, N. J	25	9	11	32	n. 53 w.	26
Cape May, N. J	30	12	8	25	n. 43 w.	25
Baltimore, Md	25	13	12	26	n. 49 w.	18
Washington, D. C	24	20	11	19	n. 63 w.	9
Cape Henry, Va. †	11	12	5	10	s. 79 w.	5
Lynchburg, Va	19	18	16	30	n. 86 w.	14
Mount Weather, Va	20	14	16	30	n. 67 w.	15
Norfolk, Va	28	16	10	23	n. 47 w.	18
Richmond, Va	24	20	6	25	n. 78 w.	19
Wytheville, Va	6	9	15	37	s. 82 w.	22
South Atlantic States.						
Asheville, N. C	26	20	11	18	n. 49 w.	9
Charlotte, N. C	16	21	18	22	s. 39 w.	6
Hatteras, N. C	31	9	10	26	n. 36 w.	27
Raleigh, N. C	24	14	11	25	n. 54 w.	17
Wilmington, N. C	24	10	16	29	n. 43 w.	19
Charleston, S. C	19	11	15	28	n. 58 w.	15
Columbia, S. C	16	16	19	26	w.	7
Augusta, Ga	17	16	16	30	n. 86 w.	14
Savannah, Ga	18	13	13	30	n. 74 w.	18
Jacksonville, Fla	22	17	13	22	n. 61 w.	10
Florida Peninsula.						
Jupiter, Fla	28	13	13	26	n. 41 w.	20
Key West, Fla	32	9	30	9	n. 42 e.	31
Sand Key, Fla. †	15	6	15	4	n. 51 e.	14
Tampa, Fla	29	10	20	18	n. 6 e.	19
Eastern Gulf States.						
Atlanta, Ga	21	14	16	26	n. 55 w.	12
Macon, Ga. †	12	9	6	12	n. 63 w.	7
Pensacola, Fla. †	14	4	8	10	n. 11 w.	10
Birmingham, Ala. †	6	8	9	13	s. 63 w.	4
Mobile, Ala	22	22	12	18	w.	6
Montgomery, Ala	14	20	18	24	s. 45 w.	8
Meridian, Miss. †	11	7	7	16	n. 66 w.	10
Vicksburg, Miss	16	26	18	16	s. 11 e.	10
New Orleans, La	25	18	18	15	n. 23 e.	8
Western Gulf States.						
Shreveport, La	15	24	21	19	s. 13 e.	9
Fort Smith, Ark	13	9	26	23	n. 37 e.	5
Little Rock, Ark	17	23	12	24	s. 63 w.	13
Corpus Christi, Tex	32	15	16	9	n. 22 e.	18
Fort Worth, Tex	16	28	4	26	s. 61 w.	25
Galveston, Tex	24	21	16	11	n. 59 e.	6
Palestine, Tex	17	25	9	7	s. 14 e.	8
San Antonio, Tex	25	20	14	18	n. 39 w.	6
Taylor, Tex. †	11	13	5	8	s. 56 w.	4
Ohio Valley and Tennessee.						
Chattanooga, Tenn	17	22	14	24	s. 63 w.	11
Knoxville, Tenn	19	25	7	29	s. 75 w.	23
Memphis, Tenn	18	24	12	20	s. 53 w.	10
Nashville, Tenn	16	29	9	20	s. 40 w.	17
Lexington, Ky. †	7	15	4	10	s. 37 w.	10
Louisville, Ky	17	25	10	23	s. 58 w.	15
Evansville, Ind. †	9	13	6	9	s. 37 w.	5
Indianapolis, Ind	24	21	13	17	n. 53 w.	5
Cincinnati, Ohio	18	19	19	26	s. 82 w.	7
Columbus, Ohio	17	23	15	23	s. 53 w.	10
Pittsburg, Pa	25	16	13	27	n. 57 w.	17
Parkersburg, W. Va	24	20	5	21	n. 76 w.	16
Elkins, W. Va	17	14	0	41	n. 86 w.	41
Lower Lake Region.						
Buffalo, N. Y	11	14	19	28	s. 72 w.	10
Oswego, N. Y	14	31	18	14	s. 13 e.	18
Rochester, N. Y	6	23	13	34	s. 51 w.	27
Syracuse, N. Y	17	25	11	21	s. 51 w.	13
Erie, Pa	15	22	14	23	s. 52 w.	11
Cleveland, Ohio	17	27	16	20	s. 22 w.	11
Sandusky, Ohio †	7	10	6	17	s. 75 w.	11
Toledo, Ohio	22	20	11	25	n. 82 w.	14
Detroit, Mich	22	19	14	24	n. 73 w.	10
Upper Lake Region.						
Alpena, Mich	17	14	10	32	n. 82 w.	22
Escanaba, Mich	25	13	8	33	n. 64 w.	28
Grand Rapids, Mich	16	23	19	16	s. 23 e.	8
Houghton, Mich. †	12	5	10	11	n. 8 w.	7
Marquette, Mich	14	17	9	33	s. 83 w.	24
Port Huron, Mich	11	23	15	27	s. 45 w.	17
Sault Ste. Marie, Mich	18	15	31	11	n. 81 e.	20
Chicago, Ill	18	17	15	27	n. 85 w.	12
Milwaukee, Wis	21	11	9	34	n. 68 w.	27
Green Bay, Wis	24	22	7	26	n. 84 w.	19
Duluth, Minn	20	15	8	36	n. 80 w.	28
North Dakota.						
Moorhead, Minn	28	20	11	17	n. 37 w.	10
Bismarck, N. Dak	18	17	21	20	n. 45 e.	1
Devils Lake, N. Dak	21	20	12	24	n. 85 w.	12
Williston, N. Dak	17	23	16	24	s. 53 w.	10
Upper Mississippi Valley.						
Minneapolis, Minn.*	12	12	5	7	w.	2
St. Paul, Minn	24	23	12	15	n. 72 w.	3
La Crosse, Wis. †	13	12	5	7	n. 63 w.	2
Madison, Wis	22	16	13	22	n. 56 w.	11
Charles City, Iowa	21	16	21	20	n. 11 e.	5
Davenport, Iowa	18	13	17	23	n. 50 w.	8
Des Moines, Iowa	21	18	14	25	n. 75 w.	11
Dubuque, Iowa	26	16	12	23	n. 48 w.	15
Keokuk, Iowa	21	18	16	24	n. 69 w.	8
Cairo, Ill	19	28	5	19	s. 57 w.	17
La Salle, Ill	11	7	8	14	n. 56 w.	7
Springfield, Ill	21	22	15	17	s. 63 w.	2
Hannibal, Mo. †	9	7	7	13	n. 72 w.	6
St. Louis, Mo	18	23	21	15	s. 50 e.	8
Missouri Valley.						
Columbia, Mo.*	10	9	7	9	n. 63 w.	2
Kansas City, Mo	24	21	15	20	n. 59 w.	6
Springfield, Mo	17	23	13	22	s. 56 w.	11
Topeka, Kans.*	12	9	7	9	n. 34 w.	4
Lincoln, Nebr	24	22	13	17	n. 63 w.	4
Omaha, Nebr	21	23	12	21	s. 77 w.	9
Valentine, Nebr	19	11	10	33	n. 71 w.	24
Sioux City, Iowa †	11	13	5	8	s. 56 w.	4
Pierre, S. Dak	19	8	29	18	n. 45 e.	16
Huron, S. Dak	22	23	18	17	s. 45 e.	1
Yankton, S. Dak. †	11	9	9	8	n. 27 e.	2
Northern Slope.						
Havre, Mont	15	12	14	34	n. 81 w.	20
Miles City, Mont	18	18	11	25	w.	14
Helena, Mont	12	21	3	42	s. 77 w.	40
Kalispell, Mont	11	15	4	46	s. 85 w.	42
Rapid City, S. Dak	20	9	9	34	n. 66 w.	27
Cheyenne, Wyo	32	5	3	38	n. 52 w.	44
Lander, Wyo	24	16	7	30	n. 71 w.	24
Yellowstone Park, Wyo	8	44	4	17	s. 20 w.	38
North Platte, Nebr	14	16	9	34	s. 85 w.	24
Middle Slope.						
Denver, Colo	18	31	8	12	s. 17 w.	14
Pueblo, Colo	22	17	16	23	n. 54 w.	9
Concordia, Kans	21	26	9	19	s. 63 w.	11
Dodge, Kans	23	17	11	23	n. 63 w.	13
Wichita, Kans	26	21	14	15	n. 11 w.	5
Oklahoma, Okla	26	21	8	20	n. 67 w.	13
Southern Slope.						
Abilene, Tex	15	33	12	18	s. 18 w.	19
Amarillo, Tex	20	24	3	30	s. 82 w.	27
Southern Plateau.						
El Paso, Tex	23	2	14	34	n. 44 w.	9
Santa Fe, N. Mex	41	5	28	7	n. 30 e.	42
Flagstaff, Ariz	27	8	13	20	n. 20 w.	20
Phoenix, Ariz	11	10	38	14	n. 88 e.	24
Yuma, Ariz	40	6	15	8	n. 12 e.	35
Independence, Cal	22	18	14	24	n. 68 w.	11
Middle Plateau.						
Carson City, Nev	18	19	19	19	s.	1
Winnemucca, Nev	26	15	24	17	n. 32 e.	13
Modena, Utah	7	1	17	39	n. 75 w.	23
Salt Lake City, Utah	25	12	19	26	n. 28 w.	15
Grand Junction, Colo	31	12	17	17	n.	19
Northern Plateau.						
Baker City, Oreg	10	31	27	15	s. 30 e.	24
Boise, Idaho	18	24	12	22	s. 59 w.	12
Lewiston, Idaho †	3	6	16	7	s. 72 e.	10
Pocatello, Idaho	2	19	29	22	s. 22 e.	18
Spokane, Wash	12	30	15	19	s. 13 w.	18
Walla Walla, Wash	8	41	8	12	s. 7 w.	33
North Pacific Coast Region.						
North Head, Wash	7	21	31	12	s. 54 e.	24
Port Crescent, Wash.*	6	14	15	7	s. 45 e.	11
Seattle, Wash	10	27	35	5	s. 60 e.	34
Tacoma, Wash	6	39	10	29	s. 30 w.	38
Tatoosh Island, Wash	1	23	29	17	s. 29 e.	25
Portland, Oreg	10	25	22	19	s. 11 e.	15
Roseburg, Oreg	14	28	14	19	s. 20 w.	15
Middle Pacific Coast Region.						
Eureka, Cal	12	26	16	14	s. 8 e.	14
Mount Tamalpais, Cal	31	10	20	19	n. 3 e.	21
Red Bluff, Cal	28	17	19	14	n. 24 e.	12
Sacramento, Cal	21	22	24	9	s. 86 e.	15
San Francisco, Cal	31	7	15	20	n. 12 w.	24
Point Reyes Light, Cal.*	14	7	4	14	n. 55 w.	12
Southeast Farallon, Cal.*	18	3	8	11	n. 11 w.	15
South Pacific Coast Region.						
Fresno, Cal	28	16	15	19	n. 18 w.	13
Los Angeles, Cal	25	10	21	25	n. 15 w.	16
San Diego, Cal	25	10	23	20	n. 11 e.	15
San Luis Obispo, Cal	40	9	11	10	n. 2 e.	31
West Indies						
Grand Turk, W. I. †	5	3	25	2	n. 85 e.	23
Hamilton, Bermuda	21	16	7	30	n. 78 w.	24
Havana, Cuba †	8	7	20	2	n. 87 e.	18
San Juan, Porto Rico	1	35	34	5	s. 41 e.	45

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

TABLE IV.—*Thunderstorms and auroras, December, 1904.*

States.	No. of stations.		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total. No.	Total. Days.	
Alabama	60	T.																1	1							1		1	12	2				18	6	T.
		A.																																0	0	A.
Arizona	56	T.			2				1																1									4	3	T.
		A.																																0	0	A.
Arkansas	57	T.		2																						2		2	1					7	4	T.
		A.																																0	0	A.
California	167	T.									1		2											1										4	3	T.
		A.																																0	0	A.
Colorado	70	T.																																0	0	T.
		A.														1																		1	1	A.
Connecticut	21	T.																																0	0	T.
		A.																																0	0	A.
Delaware	5	T.																																0	0	T.
		A.																																0	0	A.
Dist. of Columbia	4	T.																																0	0	T.
		A.																																0	0	A.
Florida	61	T.		1												1	2												2	1				7	5	T.
		A.																																0	0	A.
Georgia	67	T.	1																	1								1	7					10	4	T.
		A.																																0	0	A.
Idaho	34	T.																																0	0	T.
		A.																																0	0	A.
Illinois	84	T.																							1	1	2	13	1					18	5	T.
		A.						1	1	1																				1	3	1		8	6	A.
Indiana	58	T.																							1	2	1	12						16	4	T.
		A.																						1										1	1	A.
Indian Territory	20	T.																																0	0	T.
		A.																																0	0	A.
Iowa	128	T.																										1						1	1	T.
		A.																																0	0	A.
Kansas	88	T.									2																	2						4	2	T.
		A.																						2	1				1					4	3	A.
Kentucky	41	T.																									1	1	1					3	3	T.
		A.																																0	0	A.
Louisiana	46	T.		5	4	3																			1		4	7	4					28	7	T.
		A.																																0	0	A.
Maine	25	T.																																0	0	T.
		A.																																0	0	A.
Maryland	42	T.																																0	0	T.
		A.											1																1					2	2	A.
Massachusetts	48	T.																																0	0	T.
		A.																																0	0	A.
Michigan	106	T.																											1					1	1	T.
		A.												1	1	1																		3	3	A.
Minnesota	67	T.																																0	0	T.
		A.																														1		1	1	A.
Mississippi	57	T.		2	1																					1		7	4					15	5	T.
		A.																																0	0	A.
Missouri	86	T.								1	1		1					1										16	2					22	6	T.
		A.																																0	0	A.
Montana	54	T.															1																	1	1	T.
		A.																																0	0	A.
Nebraska	137	T.																																0	0	T.
		A.			1																				1									2	2	A.
Nevada	40	T.																																0	0	T.
		A.																																0	0	A.
New Hampshire	21	T.																																0	0	T.
		A.																																0	0	A.
New Jersey	48	T.																																0	0	T.
		A.																																0	0	A.
New Mexico	31	T.																																0	0	T.
		A.																																0	0	A.
New York	129	T.																										2						2	1	T.
		A.																																0	0	A.
North Carolina	56	T.									1																		1					2	2	T.
		A.																																0	0	A.
North Dakota	48	T.																																0	0	T.
		A.	1																						1	1	1	1	1					6	6	A.
Ohio	101	T.	1																							1	12	3	1					18	5	T.
		A.																							1									1	1	A.
Oklahoma	36	T.									1				1																			2	2	T.
		A.																																0	0	A.
Oregon	70	T.									2		2												1						2	4		11	5	T.
		A.																																0	0	A.
Pennsylvania	91	T.																												1				1	1	T.
		A.		1																														1	1	A.
Rhode Island	6	T.																																0	0	T.
		A.																																0	0	A.
South Carolina	54	T.			1			1											5										2					9	4	T.
		A.																																0	0	A.
South Dakota	56	T.																																0	0	T.
		A.						1																				1	2	1				5	4	A.
Tennessee	56	T.																								2		6	12					20	3	T.
		A.																																0	0	A.
Texas	126	T.				3		1							1										4		1	5				3	2	20	8	T.
		A.																																0	0	A.
Utah	64	T.																								4								4	1	T
		A.																																0	0	A.
Vermont	12	T.																																0	0	T.
		A.																																0	0	A.
Virginia	40	T.																													1			1	1	T
		A.																																0	0	A
Washington	71	T.																												1	1	1		3	3	T
		A.																														1		1	1	A
West Virginia	47	T.																																0	0	T
		A.																																0	0	A
Wisconsin	63	T.											1																					1	1	T
		A.											1	1																		1		3	3	A
Wyoming	38	T.																																0	0	T
		A.																								1								1	1	A
Sums	2993	T.	2	10	8	6	0	2	1	1	8	0	6	0	2	1	3	2	6	1	0	0	0	1	9	14	21	79	51	5	4	8	2	253	....	T
		A.	1	1	1	0	0	2	1	1	0	0	2	2	1	2	0	0	0	0	0	0	0	3	4	2	1	2	5	2	3	4	0	40	....	A

TABLE V.—*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 December, 1904, 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	12-13			0.58														*			
Alpena, Mich	26-27			0.67														*			
Amarillo, Tex	4-5			0.47														*			
Asheville, N. C	27			0.40														0.17			
Atlanta, Ga	27			0.72														0.29			
Atlantic City, N. J	5			0.65														0.16			
Augusta, Ga	2			1.10														0.37			
Baltimore, Md	9-10			1.00														*			
Binghamton, N. Y	26-27			0.55														*			
Birmingham, Ala	27	7:15 a. m.	10:45 a. m.	1.58	7:20a. m.	7:51 a. m.	0.01	0.07	0.28	0.76	0.89	1.03	1.10								
Bismarck, N. Dak	25-26			0.68														*			
Block Island, R. I	27			0.69														*			
Boise, Idaho	24-25			0.76														*			
Boston, Mass	27-28			1.54														0.17			
Buffalo, N. Y	26-27			0.75														*			
Cairo, Ill	26-27			1.56														0.32			
Cape Henry, Va	11-12			0.53														0.23			
Charleston, S. C	5			0.45														0.10			
Charlotte, N. C	5			1.04														0.27			
Chattanooga, Tenn	27			1.06														0.65			
Chicago, Ill	26			0.28														*			
Cincinnati, Ohio	26-27			2.18														0.44			
Cleveland, Ohio	26-27			1.12														0.22			
Columbia, Mo	25-27			1.07														0.39			
Columbia, S. C	27			0.42														0.24			
Columbus, Ohio	26-27			1.42														*			
Concord, N. H	27-28			1.35														*			
Corpus Christi, Tex	30-31			1.97														0.59			
Davenport, Iowa	26-27			1.94														*			
Denver, Colo	25-26			1.37														*			
Des Moines, Iowa	26-28			1.22														*			
Detroit, Mich	26-27			1.02														*			
Dodge, Kans	3-4			0.56														*			
Dubuque, Iowa	26-27			1.43														0.16			
Duluth, Minn	26-28			0.30														*			
Eastport, Me	27-28			1.17														*			
Elkins, W. Va	26			0.60														0.16			
Erie, Pa	23-24			0.30														*			
Escanaba, Mich	27-28			0.98														*			
Evansville, Ind	26-27			1.78														0.25			
Fort Smith, Ark	23			0.11														0.10			
Fort Worth, Tex	4-5			0.36														0.13			
Fresno, Cal	†																				
Galveston, Tex	26-27			0.50														0.27			
Grand Junction, Colo	25			0.24														*			
Grand Rapids, Mich	27-28			0.58														*			
Green Bay, Wis	27-28			1.70														*			
Hannibal, Mo	16-17			0.37														*			
Harrisburg, Pa	17-18			0.46														*			
Hatteras, N. C	12			0.62														0.50			
Huron, S. Dak	15-16			0.18														*			
Indianapolis, Ind	26-27			2.75														0.45			
Jacksonville, Fla	14			1.17														0.26			
Jupiter, Fla	14			0.17					0.17												
Kalispell, Mont	29-30			0.34														*			
Kansas City, Mo	26-27			0.94														*			
Key West, Fla	15			0.33														0.16			
Knoxville, Tenn	27			1.14														0.51			
La Crosse, Wis	26-27			0.93														*			
Lewiston, Idaho	9			0.19														*			
Lexington, Ky	26-27			1.27														*			
Lincoln, Nebr	15-16			0.20														*			
Little Rock, Ark	23			2.00														0.46			
Los Angeles, Cal	31			1.69														0.45			
Louisville, Ky	26-27			1.98														0.39			
Lynchburg, Va	5			0.86														0.22			
Macon, Ga	27	1:15 p. m.	7:25 p. m.	0.97	2:21 p. m.	2:41 p. m.	T.	0.16	0.40	0.57	0.62										
Memphis, Tenn	23-24			3.36														0.68			
Meridian, Miss	26-27	9:00 p. m.	9:35 a. m.	1.16	5:21 a. m.	5:36 a. m.	0.12	0.26	0.46	0.54	0.58										
Milwaukee, Wis	11-12			1.20														*			
Minneapolis, Minn	26-27			0.48														*			
Montgomery, Ala	27			0.53														0.53			
Nantucket, Mass	17-18			1.15														0.26			
Nashville, Tenn	26-27			1.76														0.67			
New Haven, Conn	27-28			1.28														0.21			
New Orleans, La	27			1.02														0.45			
New York, N. Y	26-27			0.66														0.14			
Norfolk, Va	12			0.49														0.23			
Northfield, Vt	27-28			1.04														*			
North Head, Wash	22-23			1.18														0.40			
Oklahoma, Okla	†																				
Omaha, Nebr	15-16			0.30														0.12			
Palestine, Tex	25-26			3.54														0.73			
Parkersburg, W. Va	25			0.42														0.35			
Pensacola, Fla	1-2	5:40 p. m.	4:15 a. m.	2.26	2:57 a. m.	3:47 a. m.	1.06	0.20	0.50	0.73	0.78	0.86	0.91	0.93	0.93	1.02	1.16				
Do	4-5	8:10 a. m.	3:45 a. m.	2.83	1:55 p. m.	3:20 p. m.	0.18	0.12	0.26	0.41	0.48	0.56	0.60	0.67	0.73	0.80	0.88	0.93	1.16	1.27	
Philadelphia, Pa	†																				
Pittsburg, Pa	26-27			0.64														*			
Pocatello, Idaho	23-24			0.68														*			
Portland, Me	27			0.52														0.17			
Portland, Oreg	14			1.02														0.29			
Pueblo, Colo	26			0.22														*			
Raleigh, N. C	2-3			0.84														0.12			
Richmond, Va	5			1.17														0.30			
Rochester, N. Y	27			1.15														*			
Sacramento, Cal	9			0.24														0.20			
St. Louis, Mo	9-10			0.42														*			
St. Paul, Minn	26-27			0.56														0.12			
Salt Lake City, Utah	25			0.33														*			
San Antonio, Tex	4			0.52														0.20			
San Diego, Cal	31			0.81														0.41			

TABLE V.—*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														
Sandusky, Ohio	26-27			1.56														*			
San Francisco, Cal	23			0.41														0.16			
Savannah, Ga	27-28			0.29														0.13			
Scranton, Pa	26-27			1.09														0.10			
Seattle, Wash	29			1.37														0.21			
Shreveport, La	23-24	6:30 p. m.	6:45 a. m.	2.18	8:57 p. m.	10:02 p. m.	0.14	0.13	0.22	0.38	0.59	0.79	0.97	1.11	1.21	1.30	1.36	1.51	1.63		
Do	25-26	8:02 p. m.	10:20 p. m.	7.21	11:07 a. m.	12:25 p. m.	3.41	0.06	0.15	0.39	0.50	0.56	0.66	0.78	0.87	0.96	1.05	1.16	1.39		
Spokane, Wash	28-29			0.94														*			
Springfield, Ill	26-27			0.26														*			
Springfield, Mo	26-27			0.66														*			
Syracuse, N. Y	27			1.87														*			
Tampa, Fla	14			0.64														0.27			
Taylor, Tex.	23			0.26														*			
Toledo, Ohio	26-27			1.32														*			
Topeka, Kans	26-27			0.25														*			
Valentine, Nebr	23-24			0.06														*			
Vicksburg, Miss	26-27			2.67														*			
Washington, D. C	24			0.69														0.19			
Wichita, Kans	4-5			0.10														*			
Williston, N. Dak.	15-16			0.22														*			
Wilmington, N. C	5			0.68														0.18			
Wytheville, Va	5			1.17														0.19			
Yankton, S. Dak	26-27			0.24														*			
Havana, Cuba	15			0.56														0.39			
San Juan, Porto Rico	15-16			0.40														0.22			

*Self-register not working † No precipitation during month.

TABLE VI.—*Data furnished by the Canadian Meteorological Service, December, 1904.*

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. Depth of snow.
	Ins.	Ins.	Ins.	°	°	°	°	Ins.	Ins.	Ins.
St. Johns, N. F	29.47	29.61	—.22	23.6	— 5.1	29.3	18.0	7.00	+1.97	22.4
Sydney, C. B. I	29.78	29.82	—.07	22.3	— 5.9	28.6	16.1	5.59	+0.96	35.5
Halifax, N. S	29.80	29.91	—.05	20.2	— 7.4	28.1	12.3	4.60	—0.52	27.3
Grand Manan, N. B	29.86	29.92	—.06	20.3	— 8.0	28.2	12.4	2.63	—1.79	14.1
Yarmouth, N. S	29.86	29.94	—.04	24.1	— 6.6	30.0	18.3	3.04	—2.00	19.1
Charlottetown, P. E. I	29.83	29.87	—.07	16.0	— 8.3	23.0	9.1	1.90	—1.76	15.8
Chatham, N. B	29.86	29.89	—.05	10.4	— 6.6	20.6	0.2	1.38	—1.84	13.2
Father Point, Que	29.90	29.93	—.02	10.0	— 5.4	16.3	3.8	2.19	—0.64	21.9
Quebec, Que	29.65	29.99	—.02	6.3	— 8.9	13.0	— 0.3	2.39	—1.30	23.9
Montreal, Que	29.80	30.03	.00	9.2	— 9.1	15.6	2.9	3.54	—0.11	30.6
Rockliffe	29.39	29.97	—.04	2.3	—12.7	14.4	— 9.7	1.04	—1.45	10.4
Ottawa, Ont	29.66	30.00	—.02	8.9	— 8.1	16.1	1.8	1.89	—1.02	18.9
Kingston, Ont	29.69	30.03	—.01	15.0	— 8.7	23.1	6.9	1.85	—1.39	14.3
Toronto, Ont	29.61	30.01	—.04	22.3	— 4.7	29.4	15.1	1.41	—1.50	7.2
White River, Ont	28.63	30.03	+.06	1.8	— 7.9	14.5	—11.0	2.12	+0.41	21.2
Port Stanley, Ont	29.35	30.02	—.05	23.6	— 4.8	30.2	17.1	2.72	+0.30	15.5
Saugeen, Ont	29.24	29.97	—.05	22.0	— 4.7	30.3	13.7	3.78	—0.20	23.7
Parry Sound, Ont	29.23	30.02	+.01	12.8	— 8.4	22.9	2.7	3.85	—0.63	28.5
Port Arthur, Ont	29.30	30.04	+.05	10.1	— 3.1	19.6	0.7	1.43	+0.56	14.3
Winnipeg, Man	29.19	30.08	+.06	6.2	+ 2.1	16.5	— 4.2	1.65	+0.74	16.5
Minnedosa, Man	28.14	30.05	+.03	8.7	+ 3.0	18.6	— 1.2	0.76	+0.14	7.6
Qu'Appelle, Assin	27.65	30.01	+.01	10.7	+ 3.3	19.3	2.0	0.85	+0.33	8.5
Medicine Hat, Assin	27.62	29.97	.00	22.4	+ 4.2	32.4	12.4	0.50	—0.05	3.0
Swift Current, Assin	27.34	30.02	+.03	17.8	+ 1.8	26.5	9.1	0.31	—0.47	3.1
Calgary, Alberta	26.30	29.97	+.03	20.2	+ 2.0	29.1	11.5	0.31	—0.28	3.1
Banff, Alberta	25.27	30.05	+.11	19.8	+ 0.7	27.5	12.1	1.28	+0.07	12.8
Edmonton, Alberta	27.54	29.91	—.02	16.6	+ 3.5	25.5	7.7	1.09	+0.39	10.8
Prince Albert, Sask	28.32	29.96	—.05	5.4	+ 2.6	14.6	— 3.8	0.52	—0.23	5.2
Battleford, Sask	28.19	30.02	—.03	11.2	+ 5.8	20.1	2.3	0.25	—0.07	2.5
Kamloops, B. C	28.74	29.98	+.04	31.5	+ 2.6	36.6	26.4	0.82	+0.04	4.0
Victoria, B. C	29.89	29.99	+.02	43.8	+ 2.6	47.2	40.5	4.71	—3.27	0.0
Barkerville, B. C	25.51	29.89	+.01	22.9	+ 2.0	29.0	16.8	3.56	+0.39	35.0
Hamilton, Bermuda	29.95	30.12	.00	64.7	0.0	69.5	59.9	2.12	—2.37	

TABLE VII.—*Heights of rivers referred to zeros of gages, December, 1904.*

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)	237	9						
James River.								
Huron, S. Dak. (31)	139	9						
Republican River.								
Clay Center, Kans	42	18	6.8	23	5.6	28	6.4	1.2
Smoky Hill River.								
Abilene, Kans	45	22	3.0	27	1.6	17-26	1.9	1.4
Kansas River.								
Manhattan, Kans	160	18	3.5	31	2.5	14-21	2.9	1.0
Topeka, Kans. (8)	87	21	7.2	23	6.1	12-14	6.5	1.1
Missouri River.								
Bismarck, N. Dak	1,309	14	4.1	29, 30	— 0.5	1	1.8	4.6
Pierre, S. Dak. (19)	1,114	14	1.3	1	— 1.3	9	—0.3	2.6
Sioux City, Iowa	784	19	4.8	1	2.5	13	3.7	2.3
Blair, Nebr	705	15	4.3	1	2.0	12	3.4	2.3
St. Joseph, Mo	481	10	0.2	1-3	— 4.5	29	—1.6	4.7
Kansas City, Mo	388	21	6.3	3, 4	2.1	29-31	4.5	4.2
Glasgow, Mo. (4)	231	18	1.9	6	— 1.0	15, 16	0.5	2.9
Boonville, Mo	199	20	5.2	1, 2	2.1	31	4.3	3.1
Hermann, Mo	103	24	4.7	1, 2	2.0	31	3.7	2.7
Minnesota River.								
Mankato, Minn	127	18	2.2	28-31	1.8	21-27	2.0	0.4
St. Croix River.								
Stillwater, Minn. (31)	23	11						
Red Cedar River.								
Cedar Rapids, Iowa (2)	77	14	4.3	29	2.6	1, 3-9, 11, 12, 16	2.8	1.7
Iowa River.								
Iowa City, Iowa (14)	57		— 1.3	12	— 1.8	2, 4, 24	—1.6	0.5
Illinois River.								
Peoria, Ill	135	14	8.7	29-31	7.6	4, 5	7.9	1.1
Red Bank Creek.								
Brookville, Pa	35	8	1.7	28	— 0.4	1-23	—0.1	2.1
Clarion River.								
Clarion, Pa. (12)	32	10	6.9	28	— 0.4	2, 3, 7-11	0.8	7.3
Conemaugh River.								
Johnstown, Pa. (13)	64	7	3.9	28	0.4	2-10	0.8	3.5
Allegheny River.								
Warren, Pa. (14)	177	14	7.8	29	0.0	9, 10	1.9	7.8
Oil City, Pa	123	13	8.2	29	0.4	1	2.6	7.8
Parker, Pa	73	20	7.4	28	0.2	1	1.9	7.2
Freeport, Pa. (9)	29	20	14.0	29	1.0	1, 2	4.1	13.0
Cheat River.								
Rowlesburg, W. Va. (13)	36	14	5.6	25	0.6	1-4	2.4	5.0
Youghiogheny River.								
Confluence, Pa. (11)	59	10	3.6	28	— 0.8	5-7	0.3	4.4
West Newton, Pa. (13)	15	23	4.5	28	0.0	1-11	1.2	4.5
Monongahela River.								
Weston, W. Va. (12)	161	18	1.0	25	— 2.4	1-12	—1.5	3.4
Fairmont, W. Va	119	25	17.8	26	10.7	1	12.2	7.1
Greensboro, Pa. (1)	81	18	12.8	26	5.4	1-8, 12-22	6.5	7.4
Lock No. 4, Pa	40	28	12.9	28	6.7	8	7.8	6.2
Beaver River.								
Ellwood Junction, Pa. (18)	10	14	2.5	28	1.1	1-10	1.4	1.4

TABLE VII.—*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.		
Muskingum River.	*Miles.*	*Feet.*	*Feet.*		*Feet.*		*Feet.*	*Feet.*
Zanesville, Ohio	70	25	12.9	28	7.3	16, 23	8.1	5.6
Little Kanawha River.								
Glenville, W. Va	77	20	3.0	25	— 0.4	7, 8	0.5	3.4
Creston, W. Va	38	20	4.2	29	— 0.8	1-19	0.1	5.0
Great Kanawha, River.								
Charleston, W. Va	58	30	8.0	29	7.0	15-25, 27, 31	7.2	1.0
New River.								
Radford, Va	155	14	0.0	11, 12	— 1.8	1, 19-22	—0.9	1.8
Hinton, W. Va	95	14	2.1	29	0.8	22, 23	1.3	1.3
Scioto River.								
Columbus, Ohio (10)	110	17	4.0	28	1.0	2-13	1.7	3.0
Licking River.								
Falmouth, Ky. (13)	30	25	1.8	28	0.2	1-9	0.6	1.6
Miami River.								
Dayton, Ohio (16)	77	18	2.8	28	0.5	1-8	1.0	2.3
Kentucky River.								
Jackson, Ky	287	24	5.9	29	2.4	1-5	4.2	3.5
Beattyville, Ky	254	30	2.3	29	— 0.3	1-4	0.7	2.6
High Bridge, Ky	117	17	10.5	31	8.0	3-10	8.7	2.5
Frankfort, Ky	65	31	7.0	27, 31	4.1	1-4, 14-18	4.8	2.9
Wabash River.								
Terre Haute, Ind	171	16	0.6	27	— 1.2	19-23	—0.7	1.8
Mount Carmel, Ill. (4)	75	15	5.6	31	0.6	6-17	1.0	5.0
Cumberland River.								
Burnside, Ky	518	50	10.1	29	1.1	22-24	3.3	9.0
Celina, Tenn	383	45	13.4	30	0.8	1, 2	3.6	12.6
Carthage, Tenn	308	40	15.8	29	0.2	1-4	3.5	15.6
Nashville, Tenn	193	40	18.8	31	6.8	1	9.3	12.0
Clarksville, Tenn. (8)	126	42	22.6	28	0.3	7	6.2	22.3
Powell River.								
Tazewell, Tenn	44	20	6.0	29	0.4	3, 4, 13, 23	1.6	5.6
Clinch River.								
Speers Ferry, Va	156	20	3.1	6	— 0.5	2, 23	0.4	3.6
Clinton, Tenn	52	25	11.5	28, 30	3.3	23	6.0	8.2
Holston River.								
Bluff City, Tenn	170	15	2.0	28	0.3	1, 2, 23, 24	0.8	1.7
Rogersville, Tenn	103	14	3.4	7	1.3	1, 2	1.9	2.1
French Broad River.								
Asheville, N. C	144	6	0.7	28, 29	— 1.9	1, 2	—1.3	2.6
Leadvale, Tenn	70	15	1.0	7, 28, 29	— 1.4	9, 23	—0.7	2.4
Little Tennessee River.								
McGhee, Tenn	17	20	5.2	28	1.1	21-23	2.0	4.1
Hiwassee River.								
Charleston, Tenn	18	22	5.5	28	0.2	16, 19, 20, 22, 23	1.3	5.3
Tennessee River.								
Knoxville, Tenn	635	29	3.6	30	0.2	23, 24	0.9	3.4
Loudon, Tenn	590	25	3.9	29	0.5	1, 2	1.5	3.4
Kingston, Tenn	556	25	7.1	28	0.9	1	2.4	6.2
Chattanooga, Tenn	452	33	10.2	29	1.1	1	3.5	9.1
Bridgeport, Ala	402	24	8.7	30	0.4	1	2.1	8.3
Guntersville, Ala	349	31	13.2	30	1.0	1, 2	4.0	12.2
Florence, Ala	255	16	8.5	31	— 0.1	1	1.9	8.6
Riverton, Ala	225	26	12.6	30	0.9	1	3.9	11.7
Johnsonville, Tenn	95	21	12.1	30	— 0.1	1	3.3	12.0
Ohio River.								
Pittsburg, Pa	966	22	12.3	29	4.3	15, 16	6.0	8.0
Davis Island Dam, Pa. (5)	960	25	12.3	29	1.5	12	3.4	10.8
Beaver Dam, Pa	925	27	17.2	29	2.1	9, 10	4.7	15.1
Wheeling, W. Va	875	36	16.4	30	1.4	11, 18, 21	3.8	15.0
Parkersburg, W. Va	785	36	15.0	30, 31	1.6	1-4	3.6	13.4
Point Pleasant, W. Va	703	39	15.8	31	0.8	3, 4, 23	2.5	15.0
Huntington, W. Va	660	50	18.6	31	3.0	3, 23, 25	4.9	15.6
Catlettsburg, Ky	651	50	18.2	31	1.1	2-7	3.2	17.1
Portsmouth, Ohio	612	50	17.5	31	2.2	4-8	3.8	15.3
Maysville, W. Va	559	50	15.5	30	2.2	24-26	3.5	13.3
Cincinnati, Ohio	499	50	11.8	31	3.4	10	4.6	8.4
Madison, Ind	413	46	5.9	29	2.9	10, 11	3.9	3.0
Louisville, Ky	367	28	3.4	29, 30	2.2	7-12	2.6	1.2
Evansville, Ind	184	35	5.0	31	1.2	3, 4, 12-16	1.8	3.8
Mount Vernon, Ind	148	35	4.0	31	0.5	14-23	1.0	3.5
Paducah, Ky	47	40	10.4	31	0.4	1-3	2.5	10.0
Cairo, Ill	1	45	13.0	31	3.1	25	5.7	9.9
St. Francis River.								
Marked Tree, Ark	104	17	3.1	28-31	1.2	1-4, 13-24	1.6	1.9
Neosho River.								
Neosho Rapids, Kans	326	22	0.3	1, 5, 12-16	0.2	2-4, 6-11, 17-31	0.2	0.1
Iola, Kans	262	10	0.4	9-25	0.3	1-8, 27-31	0.4	0.1
Oswego, Kans	184	20	0.4	12	0.2	1, 2, 29, 30	0.3	0.2
Fort Gibson, Ind. T	3	22	9.0	1-10, 17-31	8.9	11-16	9.0	0.1
Canadian River.								
Calvin, Ind. T	99	10	1.6	15	0.0	1-4	0.5	1.6
Black River.								
Blackrock, Ark	67	12	1.6	24, 25	1.4	1-23, 29-31	1.4	0.2
White River.								
Calicorock, Ark	272	15	0.7	1-31	0.7	1-31	0.7	0.0
Batesville, Ark	217	18	2.4	26	2.2	1-9	2.3	0.2
Newport, Ark	185	26	0.6	26-28	0.2	1-7, 16-23	0.3	0.4
Clarendon, Ark. (9)	75	30	7.3	28, 29	5.4	19, 21	6.0	1.9
Arkansas River.								
Wichita, Kans	832	10	0.4	24	— 0.4	31	0.1	0.8
Tulsa, Ind. T	551	16	1.9	1, 11	1.7	7, 22, 27	1.8	0.2
Webbers Falls, Ind. T	465	23	3.0	30	2.6	31	2.8	0.4
Fort Smith, Ark	403	22	2.4	28-30	2.1	9-18, 21-27	2.2	0.3
Dardanelle, Ark	256	21	2.0	1-31	2.0	1-30	2.0	0.0
Little Rock, Ark	176	23	3.9	27	3.4	10-23	3.5	0.5
Yazoo River.								
Greenwood, Miss	175	38	18.0	31	0.4	1, 2	2.9	17.6
Yazoo City, Miss	80	25	9.0	31	— 2.5	1	—0.8	11.5
Ouachita River.								
Camden, Ark	304	39	22.5	30	4.0	2-4, 21-23	6.6	18.5
Monroe, La	122	40	23.3	31	1.0	4	4.9	22.3
Red River.								
Arthur City, Tex	688	27	4.3	1-31	4.3	1-31	4.3	0.0
Red River—Cont'd.	*Miles.*	*Feet.*	*Feet.*		*Feet.*		*Feet.*	*Feet.*
Fulton, Ark	515	28	5.5	27, 28	4.4	22, 23	4.7	1.1
Springbank	441	29	6.2	31	2.8	20	3.4	3.4
Shreveport, La	327	29	3.0	28	— 1.8	22, 23	—0.9	4.8
Alexandria, La	118	33	8.6	31	— 1.8	24	0.4	10.4
Mississippi River.								
St. Cloud, Minn. (31)	2,034	4	.....	.....	.....	.....	.....	.....
St. Paul, Minn. (19)	1,954	14	3.7	12	2.6	5, 6	3.1	1.1
Red Wing, Minn. (30)	1,914	14	.....	.....	.....	.....	.....	.....
Reeds Landing, Minn	1,884	12	2.2	1	0.3	30, 31	0.9	1.9
La Crosse, Wis. (17)	1,819	12	3.5	1-3	3.2	13, 14	3.3	0.3
Prairie du Chien, Wis. (27)	1,759	18	4.0	4	3.2	3	3.9	0.8
Dubuque, Iowa	1,699	18	5.0	28	2.4	9	3.7	2.6
Clinton, Iowa	1,629	16	4.3	29	1.6	15	3.1	2.7
Leclaire, Iowa (18)	1,609	10	2.1	1	0.4	13	1.3	1.7
Davenport, Iowa (1)	1,593	15	9.2	31	0.8	16, 18	2.6	8.4
Muscatine, Iowa	1,562	16	5.3	27	2.4	15	4.1	2.9
Galland, Iowa (1)	1,472	8	2.0	1	0.6	17, 18, 25, 26	1.1	1.4
Keokuk, Iowa (1)	1,463	15	5.9	30	— 0.6	18, 19	1.2	6.5
Warsaw, Ill. (2)	1,458	18	6.8	31	2.3	19	4.4	4.5
Hannibal, Mo. (17)	1,402	13	3.9	1	0.2	21	3.0	3.7
Grafton, Ill	1,306	23	6.2	1	2.3	22, 31	4.1	3.9
St. Louis, Mo	1,264	30	5.0	1	0.0	31	2.3	5.0
Chester, Ill	1,189	30	5.1	1	1.1	31	2.9	4.0
Cape Girardeau, Mo	1,128	28	9.1	1, 2	5.0	31	6.9	4.1
New Madrid, Mo	1,003	34	9.1	31	2.3	26	4.2	6.8
Luxora, Ark	905	33	1.6	31	— 2.0	24	—0.7	3.6
Memphis, Tenn	843	33	3.3	31	0.6	26	1.9	2.7
Helena, Ark	767	42	4.5	31	2.3	26	3.6	2.2
Arkansas City, Ark	635	42	5.5	31	2.5	26	3.8	3.0
Greenville, Miss	595	42	4.3	31	1.9	26	3.0	2.4
Vicksburg, Miss	474	45	2.3	1	0.2	26	1.1	2.1
Natchez, Miss	373	46	6.1	1	4.3	16-19	4.8	1.8
Baton Rouge, La	240	35	3.4	27	1.6	18	2.6	1.8
Donaldsonville, La	188	28	3.3	27	1.2	21	1.9	2.1
New Orleans, La	108	16	4.3	27	2.1	20	3.0	2.2
Atchafalaya River.								
Simmesport, La	127	.....	6.6	31	— 1.2	19, 20	3.0	7.8
Melville, La	103	31	10.7	31	3.2	20, 21	4.6	7.5
Penobscot River.								
Mattawamkeag, Me	87	.....	13.1	3	10.5	1	11.9	2.6
Montague, Me. (19)	60	.....	4.3	11	3.1	2	3.6	1.2
Kennebec River.								
Winslow, Me	46	.....	4.2	18	3.3	17	3.8	0.9
Merrimac River.								
Franklin Junction, N. H. (14)	110	.....	4.9	12	3.6	4	4.2	1.3
Concord, N. H. (31)	94	.....	.....	.....	.....	.....	.....	.....
Manchester, N. H	68	.....	3.1	4, 26	1.0	21	2.0	2.1
Connecticut River.								
Wells River, Vt. (31)	255	.....	.....	.....	.....	.....	.....	.....
Whiteriver Junction, Vt (29)	209	.....	.....	.....	.....	.....	.....	.....
Bellows Falls, Vt	170	12	2.8	4	0.0	22, 23	1.4	2.8
Holyoke, Mass	84	9	3.0	26	— 0.2	17	1.6	3.2
Hartford, Conn. (21)	50	13	3.5	6	1.9	2	2.7	1.6
Housatonic River.								
Gaylordsville, Conn	44	15	4.7	28	3.8	11	4.1	0.9
Mohawk River.								
Tribeshill, N. Y	42	15	5.0	28	0.7	12-21	1.3	4.3
Schenectady, N. Y	19	15	9.0	29	0.9	13-27	1.5	8.1
Hudson River.								
Glens Falls, N. Y	197	.....	6.7	11, 27	4.5	23	5.5	2.2
Troy, N. Y	154	14	10.3	29	2.0	3, 5, 20	3.2	8.3
Albany, N. Y	147	12	6.9	29	— 0.1	3	2.5	7.0
Stuyvesant, N. Y	128	9	4.0	28	— 0.5	5	1.6	4.5
Pompton River.								
Pompton Plains, N. J. (3)	6	8	4.7	28	4.4	1-24	4.4	0.3
Passaic River.								
Chatham, N. J. (17)	69	7	4.0	29	2.3	4, 5	2.7	1.7
Lehigh River.								
Mauchchunk, Pa. (17)	45	15	5.6	29	4.3	5, 10, 11	4.2	1.3
Schuylkill River.								
Reading, Pa	66	12	0.7	28	— 0.1	21-23	0.1	0.8
Delaware River.								
Hancock (E. Branch), N. Y	269	12	6.6	28	3.7	10	4.6	2.9
Hancock (W. Branch), N. Y	269	10	7.1	28	3.1	5, 6, 8	4.3	4.0
Port Jervis, N. Y	204	14	5.5	29	0.5	10-12	1.2	5.0
Phillipsburg, N. J. (26)	142	26	8.7	29	1.8	4, 5	2.2	6.9
Trenton, N. J.	92	18	10.7	31	1.2	11	2.8	9.5
North Branch Susquehanna.								
Binghamton, N. Y	183	16	10.0	29	2.5	13, 18, 20, 23, 24	3.4	7.5
Towanda, Pa. (15)	139	16	8.8	29	1.1	7	2.9	7.7
Wilkesbarre, Pa	60	17	13.7	30	3.1	11	4.5	10.6
West Branch Susquehanna.								
Clearfield, Pa	165	8	3.5	28	0.4	4-23	0.8	3.1
Lockhaven, Pa. (27)	65	12	.....	.....	.....	.....	.....	.....
Williamsport, Pa	39	20	5.5	30	0.2	18-23	0.8	5.3
Juniata River.								
Huntingdon, Pa. (23)	90	24	.....	.....	.....	.....	.....	.....
Susquehanna River.								
Selingsgrove, Pa. (18)	116	17	8.0	30	0.5	7-10, 15-23	1.0	7.5
Harrisburg, Pa	69	17	9.4	30	1.3	17	2.3	8.1
Shenandoah River.								
Riverton, Va	58	22	0.5	1-31	0.5	1-31	0.5	0.0
Potomac River.								
Cumberland, Md.	290	8	2.8	31	1.0	1-10	1.5	1.8
Harpers Ferry, W. Va	172	18	2.0	30	— 2.8	15, 16	—2.1	4.8
James River.								
Buchanan, Va	305	12	2.4	29	1.7	14-17	1.9	0.7
Lynchburg, Va	260	18	0.9	28, 29	0.1	1-4	0.4	0.8
Columbia, Va	167	18	3.6	28	2.1	1, 2	2.6	1.5
Richmond, Va	111	12	0.9	8, 27	— 1.2	1, 2, 17, 18	—0.4	2.1
Dan River.								
Danville, Va	55	8	0.6	7	— 0.4	1-4	0.1	1.0