ATMOSPHERIC ELECTRICITY.

Numerical statistics relative to auroras and thunderstorms are given in Table VII, 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 703 thunderstorms were received during the current month as against 708 in 1899 and 266 during the preceding month.

The dates on which the number of thunderstorms for the whole country were most numerous were: 8th, 97; 24th, 85; 21st, 69; 7th, 62.

Reports were most numerous from: Louisiana, 84; Mississippi, 53; Arkansas, 52.

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 date of full moon, viz, 9th to 17th.

Reports were most numerous from Illinois, Montana, and Ohio, 3.

In Canada.—Auroras were reported as follows: Minnedosa, 3d, 5th, 9th, 10th, 21st, 27th; Qu'Appelle, 4th; Medicine Hat, 20th, 21st; Swift Current, 4th; Battleford, 3d, 5th, 22d, 25th.

A thunderstorm was reported from Hamilton, Bermuda, on the 23d.

DESCRIPTION OF TABLES AND CHARTS.

By ALFRED J. HENRY, Professor of Meteorology.

For description of tables and charts see page 26 of REVIEW for January, 1900.

TABLE 1.—*Climatological data for Weather Bureau Stations, February*, 1900.

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.										
	Barometer above sea level, feet.	Thermometers above ground.	Anemometer above ground.	Mean actual, 8 a. m. + 8 p. m. ÷ 2.	Mean reduced.	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.	Clear days.	Partly cloudy days.	Cloudy days.	Average cloudiness, tenths.	Total snowfall.
New England.							27.4	+ 0.2										74	5.77	+ 2.2										6.0	
Eastport	76	69	74	29.86	29.95	— .01	22.5	+ 0.5	50	25	29	—11	27	16	35	20	16	76	4.51	+ 0.8	16	10,490	w.	64	ne.	18	8	8	12	6.2	15.5
Portland, Me	103	81	89	29.83	29.94	— .07	23.4	— 1.2	49	13	30	— 8	27	16	36	21	16	74	9.25	+ 5.8	14	6,692	nw.	44	se.	13	11	7	10	5.3	25.8
Northfield	876	15	65	29.00	30.01	— .05	16.2	+ 0.2	50	13	26	—24	2	6	40	14	10	80	4.32	+ 2.2	13	6,453	s.	48	sw.	13	5	9	14	7.0	22.6
Boston	125	115	181	29.84	29.98	— .06	29.3	+ 1.3	60	13	37	— 4	27	22	44	26	19	68	6.83	+ 3.3	10	9,761	w.	46	nw.	5	9	4	15	6.1	9.0
Nantucket	12	43	54	29.96	29.97	— .07	31.2	+ 0.2	54	18	38	0	27	25	36	29	24	76	4.86	+ 2.0	17	10,490	nw.	59	n.	18	5	5	18	7.2	19.8
Woods Hole	22	11	57	29.96	29.98	— .06	30.4	+ 0.7	52	13	36	0	27	25	27	28	24	79	5.21	+ 1.5	11	12,892	nw.	72	nw.	18	10	3	15	6.0	16.1
Vineyard Haven	.....	20	55	.....	.....	.....	31.4	— 0.9	54	13	39	0	27	24	32	....	....	....	6.37	+ 3.2	11	8,395	nw.	48	se.	22	8	8	12	6.2	8.9
Block Island	26	11	70	29.96	29.99	— .07	31.0	+ 0.2	56	13	37	2	27	25	38	28	22	71	4.48	+ 0.1	9	15,249	w.	68	n.	18	6	11	11	6.1	4.4
Narragansett	.....	10	....	.....	.....	.....	29.0	— 0.1	53	13	37	— 2	27	21	37	....	....	....	5.52	+ 1.0	9	.....	w.	....	.....	....	15	4	9	....	5.0
New Haven	106	117	140	29.88	30.00	— .08	29.4	+ 0.6	55	13	38	— 1	27	21	36	26	19	66	6.39	+ 2.3	9	7,612	w.	44	e.	22	14	7	4	4.1	9.0
Mid. Atlan. States.							32.7	— 1.8										73	3.94	+ 0.6										5.9	
Albany	97	84	113	29.91	30.02	— .05	25.6	+ 1.4	58	13	34	— 4	27	17	31	22	18	76	2.84	+ 0.2	11	6,163	w.	46	e.	22	6	12	10	6.0	9.6
Binghamton	875	79	90	.....	.....	.....	24.8	+ 0.9	56	13	33	— 4	27	17	32	....	....	....	2.65	— 0.2	15	6,371	nw.	33	s.	24	4	6	18	7.5	4.7
New York	314	108	346	29.66	30.02	— .09	31.6	+ 0.1	58	13	39	4	27	24	37	28	23	72	5.16	+ 1.4	11	14,505	nw.	70	w.	5	10	4	14	5.8	11.4
Harrisburg	374	94	104	.....	.....	.....	29.4	— 3.1	53	13	36	3	25	23	31	....	....	....	3.40	+ 0.6	12	7,109	w.	40	w.	25	7	5	16	6.4	3.4
Philadelphia	117	168	184	29.92	30.04	— .08	32.4	— 1.1	60	13	40	6	27	24	30	29	24	72	3.71	+ 0.5	12	7,560	nw.	40	se.	22	8	6	14	6.4	12.1
Atlantic City	52	68	76	29.98	30.04	— .04	32.2	— 1.7	56	13	39	7	27	25	30	29	25	77	3.27	— 0.1	11	1,105	w.	44	w.	25	8	11	9	5.3	12.1
Cape May	17	47	51	30.04	30.06	— .03	33.4	— 2.3	54	13	40	10	27	27	32	30	...	....	3.53	— 0.3	11	8,008	w.	38	se.	5	5	15	8	6.2	7.5
Baltimore	123	68	82	29.91	30.04	— .08	33.1	— 3.1	65	13	41	8	1	25	47	29	24	71	4.65	+ 1.2	13	4,547	w.	30	w.	13	7	10	11	6.5	13.0
Washington	112	59	76	29.93	30.06	— .06	33.7	— 2.1	69	13	44	6	2	24	37	29	23	70	5.26	+ 1.9	12	5,957	nw.	40	nw.	13	10	7	11	5.2	15.9
Cape Henry	.....	5	34	.....	.....	.....	40.4	— 3.5	71	13	49	15	*	32	37	....	....	....	5.03	+ 1.5	13	10,565	sw.	49	w.	17	8	10	10	5.8	5.0
Lynchburg	681	83	88	29.28	30.05	— .08	35.7	— 4.3	69	8	45	9	1	26	36	31	25	69	4.38	+ 0.8	12	3,594	nw.	32	nw.	5	11	9	8	5.6	2.6
Norfolk	91	102	111	29.97	30.07	— .05	40.1	— 2.7	70	13	49	13	1	31	31	36	31	74	3.75	— 0.1	13	8,562	s.	52	se.	21	12	6	10	5.2	0.5
Richmond	144	98	105	.....	.....	.....	37.6	.....	70	8	47	10	1	28	31	....	....	....	4.42	.....	14	5,277	sw.	32	se.	24	10	10	8	5.1	6.2
S. Atlantic States.							45.6	— 4.0										74	4.38	+ 0.6										5.8	
Charlotte	773	68	76	29.21	30.07	— .05	39.5	— 5.5	65	8	50	9	18	29	30	34	28	66	5.25	+ 0.7	14	5,885	ne.	42	w.	21	10	3	15	6.0	0.1
Hatteras	11	17	36	30.05	30.06	— .04	44.4	— 2.2	68	12	51	20	1	38	29	42	39	80	6.03	+ 1.6	12	12,063	n.	57	w.	25	10	8	10	5.6	
Kittyhawk	8	12	30	.....	.....	.....	42.8	— 3.2	68	9	51	14	1	35	34	....	....	....	4.80	+ 1.0	8	11,070	.....	.....	.....	...	12	5	11	5.5	
Raleigh	376	93	101	29.67	30.09	— .03	40.0	— 3.9	71	13	50	11	1	30	38	36	31	74	4.56	+ 0.8	13	5,300	sw.	28	sw.	13	9	7	12	5.7	0.3
Wilmington	78	82	90	30.00	30.09	— .02	45.4	— 4.4	75	8	54	17	18	36	32	41	37	76	2.69	— 0.5	10	7,060	w.	36	nw.	25	10	8	10	5.2	T.
Charleston	48	14	92	30.06	30.11	— .01	49.1	— 3.7	75	13	57	19	18	41	30	43	37	69	2.31	— 1.0	11	8,235	w.	40	sw.	4	7	9	12	6.1	T.
Columbia	.....	5	....	.....	.....	.....	44.4	— 4.8	71	8	55	12	18	34	41	....	....	....	5.93	+ 1.8	11	.....	nw.	....	.....	...	9	5	14	6.5	0.5
Augusta	180	89	103	29.88	30.08	— .03	46.0	— 4.4	73	8	56	13	18	36	32	40	34	69	6.42	+ 2.5	13	5,626	w.	39	sw.	22	9	6	13	6.0	
Savannah	65	79	89	30.02	30.08	— .06	50.1	— 4.2	77	8	59	16	18	41	38	44	40	74	2.60	— 0.5	11	6,534	w.	32	nw.	24	7	10	11	6.1	
Jacksonville	43	69	84	30.04	30.09	— .02	54.7	— 3.7	79	12	65	18	18	45	36	49	46	80	3.17	0.0	9	5,986	w.	50	s.	28	9	10	9	5.2	
Florida Peninsula.							64.2	— 2.9										81	2.59	+ 0.3										4.8	
Jupiter	28	13	30	30.06	30.09	.00	64.0	— 3.1	80	13	71	31	19	58	26	59	57	81	2.28	— 0.3	12	8,028	se.	36	se.	28	13	8	7	4.6	
Key West	22	43	50	30.08	30.10	+ .03	68.7	— 2.7	82	14	73	51	19	64	19	64	61	80	1.34	— 0.3	7	8,274	se.	44	nw.	25	12	11	5	4.5	
Tampa	34	60	67	30.05	30.09	— .01	59.8	— 3.0	80	7	68	28	18	51	32	55	52	82	4.15	+ 1.4	8	5,122	se.	34	se.	28	7	13	8	5.3	
East Gulf States.							49.4	— 5.1										73	7.65	+ 3.0										5.6	
Atlanta	1,174	139	156	28.80	30.09	— .06	41.1	— 6.9	73	8	51	8	18	32	31	36	30	71	9.58	+ 5.0	12	9,594	nw.	45	nw.	24	7	6	15	6.4	T.
Macon	370	93	99	.....	.....	.....	45.9	.....	76	8	56	11	18	36	32	....	....	....	7.64	.....	11	5,716	nw.	30	sw	12	6	12	10	5.5	
Pensacola	56	78	90	.....	.....	.....	52.5	— 4.3	74	4	60	19	18	45	30	....	....	....	8.19	+ 4.3	12	8,196	ne.	48	nw.	28	11	6	11	5.5	T.
Mobile	57	88	96	30.01	30.08	— .03	51.2	— 3.6	74	4	60	19	18	42	33	46	43	80	10.10	+ 5.4	13	6,483	nw.	40	nw.	28	14	5	9	5.0	T.
Montgomery	223	100	112	29.82	30.07	— .06	47.4	— 5.3	75	8	57	15	18	37	34	43	38	75	9.20	+ 3.9	11	6,447	se.	33	e.	28	8	9	11	5.9	T.
Meridian	375	84	93	.....	.....	.....	45.8	— 7.8	74	8	57	14	18	35	33	....	....	....	7.61	+ 1.7	11	5,567	nw.	34	w.	28	8	10	10	5.8	T.
Vicksburg	247	65	73	29.76	30.03	— .09	48.6	— 4.0	78	7	59	14	17	38	39	41	34	62	4.64	0.0	9	6,888	se.	46	nw.	28	10	8	10	5.8	T.
New Orleans	51	112	120	30.00	30.06	— .02	53.4	— 4.7	78	8	62	24	18	45	27	49	45	77	5.46	+ 0.9	12	7,738	se.	36	nw.	28	13	5	10	4.8	T.
Port Eads	.....	27	...	.....	.....	.....	55.6	— 4.0	75	9	64	26	18	47	26	....	....	....	6.44	+ 3.1	12	.....	nw.	....	.....	...	10	7	11	....	
West Gulf States.							48.4	— 3.1										70	2.58	— 0.9										5.4	
Shreveport	249	77	84	29.77	30.04	— .06	47.2	— 4.0	74	7	58	13	17	37	41	41	34	64	3.41	— 0.8	10	6,783	se.	38	se.	8	9	2	17	6.1	T.
Fort Smith	457	74	82	29.53	30.04	— .05	39.6	— 1.9	69	8	50	6	17	29	50	33	27	68	4.03	+ 0.4	8	6,321	e.	43	w.	8	7	5	16	7.0	1.0
Little Rock	357	93	100	29.66	30.06	— .05	40.6	— 4.8	72	7	51	5	17	30	50	36	31	75	4.46	— 0.9	11	6,997	nw.	44	nw.	23	6	10	12	6.5	0.1
Corpus Christi	18	42	50	30.02	30.04	— .03	56.6	— 2.4	79	20	63	29	17	50	35	51	47	75	1.10	— 1.4	4	8,399	se.	36	nw.	8	13	4	11	4.4	
Fort Worth	670	106	114	.....	.....	.....	46.7	.....	78	27	60	13	17	34	49	....	....	....	0.12	.....	4	10,119	s.	48	w.	20	14	6	8	4.2	
Galveston	54	84	88	29.98	30.03	— .04	52.6	— 4.4	67	4	58	25	17	47	25	49	46	81	3.59	+ 0.6	10	8,371	se.	48	nw.	28	10	9	9	5.4	
Palestine	510	54	61	29.50	30.06	— .03	48.0	— 3.0	73	7	58	11	17	38	32	42	36	67	1.16	— 2.4	8	7,538	s.	40	nw.	28	11	8	9	5.2	
San Antonio	701	95	104	29.29	30.05	— .03	54.3	— 1.5	80	*	65	19	18	43	35	46	38	62	0.34	— 1.6	7	6,998	n.	46	nw.	8	14	7	7	4.0	
Ohio Val. & Tenn.							32.8	— 5.2										76	3.83	— 0.4										6.9	
Chattanooga	762	106	112	29.25	30.10	— .02	39.4	— 6.1	70	8	48	8	17	30	31	34	28	68	5.17	— 0.2	17	6,547	sw.	40	w.	24	7	9	12	6.1	2.9
Knoxville	1,004	10	88	28.98	30.09	— .04	37.2	— 5.1	75	8	46	5	18	28	29	32	29	75	5.52	+ 0.2	15	6,530	sw.	48	w.	8	8	6	14	6.2	0.9
Memphis	397	140	154	29.62	30.07	— .05	40.0	— 4.8	71	8	50	5	17	30	47	35	28	66	5.27	0.0	12	9,367	nw.	45	nw.	8	3	10	15	7.0	0.1
Nashville	546	128	134	29.47	30.08	— .04	36.8	— 5.9	69	8	46	2	17	27	37	33	29	76	3.80	— 1.5	12	6,575	s.	44	se.	28	5	5	18	7.4	2.9
Lexington	989	75	102	.....	.....	.....	31.1	— 4.9	68	8	40	— 4	25	22	41	....	....	....	3.17	— 0.5	14	9,173	se.	48	w.	24	6	10	12	6.5	6.4
Louisville	525	114	136	29.46	30.06	— .06	32.6	— 5.6	70	8	42	0	25	24	44	30	27	81	3.74	— 0.6	15	6,951	se.	38	s.	8	4	13	11	6.6	5.5
Evansville	434	72	82	.....	.....	.....	32.2	.....	69	8	41	— 2	17	24	48	....	....	....	4.20	.....	13	5,825	nw.	36	s.	8	8	6	14	6.5	5.4
Indianapolis	822	154	164	29.11	30.05	— .05	26.4	— 5.9	67	8	35	— 7	25	18	47	24	20	77	3.60	0.0	13	8,371	nw.	54	sw.	8	3	10	15	7.1	2.0
Cincinnati	628	152	157	29.34	30.06	— .06	29.9	— 6.5	68	8	39	— 5	25	21	41	28	23	74	2.22	— 1.5	14	6,495	se.	40	w.	8	4	10	14	7.0	3.2
Columbus	824	87	100	29.12	30.05	— .05	26.8	— 5.3	66	8	35	— 7	25	18	40	25	21	78	3.30	— 0.4	14	6,562	w.	32	sw.	8	4	9	15	7.1	5.1
Pittsburg	842	116	123	29.08	30.03	— .09	29.0	— 4.4	77	8	38	— 4	25	20	48	26	22	77	2.86	0.0	14	5,716	nw.	37	nw.	13	2	13	13	6.9	9.6
Parkersburg	638	77	84	29.36	30.09	— .03	31.4	— 3.1	76	8	40	— 1	25	22	39	29	26	84	3.47	+ 0.4	17	5,315	w.	39	nw.	13	4	11	13	6.8	6.5
Elkins	1,940	41	50	.....	.....	.....	28.0	.....	74	8	39	—11	20	17	53	....	....	....	3.88	.....	20	4,688	w.	39	w.	13	0	7	21	8.5	15.5
Lower Lake Region.							23.3	— 3.2										78	3.96	+ 1.2										7.2	
Buffalo	767	178	206	29.12	30.00	— .07	23.4	— 1.1	63	8	30	— 1	26	17	31	21	17	76	5.21	+ 2.4	20	11,591	w.	65	w.	25	4	13	11	7.1	25.5
Oswego	335	76	87	29.59	29.98	— .10	23.2	— 1.4	55	13	30	— 3	25	16	29	21	18	82	4.19	+ 1.6	17	10,875	se.	50	se.	22	2	7	19	8.1	18.5
Rochester	523	81	90	29.39	29.98	— .10	23.4	— 1.0	57	8	30	— 1	26	16	35	20	16	77	4.44	+ 1.7	21	7,038	w.	38	w.	13	4	9	15	7.2	28.5
Erie	713	92	102	29.20	30.01	— .06	24.2	— 3.3	70	8	31	— 4	25	17	39	22	20	86	2.55	— 0.9	18	9,592	w.	41	s.	12	1	6	21	7.9	9.2
Cleveland	762	190	201	29.15	30.02	— .07	23.8	— 4.2	67	8	31	— 4	27	16	42	22	16	70	3.87	+ 0.5	19	11,632	se.	57	w.	13	2	16	10	6.9	22.6
Sandusky	629	62	74	29.30	30.02	— .07	24.0	— 4.9	68	8	32	— 2	25	16	38	22	19	79	3.23	+ 0.3	15	6,549	w.	37	nw.	25	5	10	13	6.8	16.5
Toledo	628	123	128	29.30	30.03	— .05	23.4	— 4.8	67	8	31	— 4	25	16	38	21	17	78	4.42	+ 2.4	15	7,888	w.	39	w.	25	9	8	11	6.0	25.1
Detroit	730	160	166	29.18	30.02	— .05	21.3	— 4.9	62	8	28	— 2	25	14	35	19	16	80	4.30	+ 2.0	14	7,741	w.	36	w.	13	3	10	15	7.2	28.0
Upper Lake Region.							14.8	— 4.3										84	2.26	+ 0.4										6.2	
Alpena	609	61	65	29.28	29.99	— .08	16.6	— 1.4	59	8	24	—14	26	9	38	15	12	84	2.07	0.0	14	7,792	nw.	38	nw.	13	4	8	16	7.1	12.4
Escanaba	612	43	57	29.30	30.02	— .04	11.6	— 4.2	37	12	21	—13	14	2	30	10	8	88	1.28	— 0.3	11	6,750	nw.	35	nw.	24	9	6	13	5.9	5.7
Grand Haven	632	55	64	29.28	30.00	— .06	20.4	— 4.6	59	8	27	— 1	17	14	38	20	18	92	3.73	+ 1.5	22	7,994	nw.	36	nw.	25	2	6	20	8.5	22.8
Marquette	734	67	95	29.14	30.00	— .06	11.0	— 6.1	33	11	18	— 9	14	4	30	10	8	91	2.53	+ 0.8	14	8,275	w.	42	se.	6	3	9	16	7.1	26.9
Port Huron	638	70	108	29.29	30.03	— .04	19.2	— 3.8	59	8	26	— 9	27	12	29	18	15	87	3.06	+ 0.6	13	8,910	w.	42	w.	9	10	9	9	5.9	28.4
Sault Ste. Marie	614	40	61	29.24	29.96	— .10	12.0	— 0.5	42	8	21	—22	1	2	33	11	8	87	1.38	+ 0.1	14	6,634	sw.	42	nw.	13	9	6	13	6.0	5.8
Chicago	823	241	274	29.10	30.05	— .03	20.1	— 6.7	62	8	28	— 9	24	12	52	19	16	83	3.52	+ 1.3	14	12,809	w.	70	sw.	8	8	10	10	5.8	22.6
Milwaukee	681	124	142	29.26	30.05	— .03	17.8	— 4.9	55	8	26	—10	1	10	46	16	11	73	3.05	+ 1.2	16	8,211	w.	33	ne.	21	9	7	12	5.9	20.6
Green Bay	617	49	57	29.34	30.06	— .03	13.2	— 3.0	41	11	22	—14	1	4	30	11	7	76	1.67	— 0.6	12	6,413	sw.	30	w.	13	10	8	15	6.1	8.4
Duluth	702	95	106	29.26	30.09	.00	6.6	— 7.9	29	7	16	—20	9	— 2	35	5	0	76	0.28	— 0.8	6	6,890	sw.	54	nw.	8	13	12	3	3.9	3.1
North Dakota.							3.2	— 4.0										78	0.55	0.0										5.5	
Moorhead	935	54	60	29.07	30.18	+ .03	2.5	— 2.0	36	22	13	—26	9	— 8	38	1	0	90	0.50	— 0.3	9	7,004	nw.	34	nw.	23	9	9	10	5.8	5.2
Bismarck	1,674	16	29	28.26	30.21	+ .05	3.8	— 5.7	44	6	16	—33	9	— 8	49	1	—5	67	0.30	— 0.3	8	6,674	nw.	34	nw.	6	6	12	10	5.9	3.2
Williston	1,875	15	31	28.03	30.21	+ .04	3.4	— 4.3	43	28	16	—36	9	— 9	49	2	—2	78	0.85	+ 0.5	7	6,517	nw.	42	n.	6	13	11	4	4.8	8.5

TABLE I.—*Climatological data for Weather Bureau Stations, February*, 1900—Continued.

Stations.	Elevation of instruments: Barometer above sea level, feet.	Elevation of instruments: Thermometers above ground.	Elevation of instruments: Anemometer above ground.	Pressure, in inches: Mean actual, 8 a. m. + 8 p. m. ÷ 2.	Pressure, in inches: Mean reduced.	Pressure, in inches: Departure from normal.	Temperature of the air, in degrees Fahrenheit: Mean max. + mean min. ÷ 2.	Temperature: Departure from normal.	Temperature: Maximum.	Temperature: Date.	Temperature: Mean maximum.	Temperature: Minimum.	Temperature: Date.	Temperature: Mean minimum.	Temperature: Greatest daily range.	Mean wet thermometer.	Mean temperature of the dew-point.	Mean relative humidity, per cent.	Precipitation, in inches: Total.	Precipitation: Departure from normal.	Precipitation: Days with .01, or more.	Wind: Total movement, miles.	Wind: Prevailing direction.	Wind: Maximum velocity: Miles per hour.	Wind: Maximum velocity: Direction.	Wind: Maximum velocity: Date.	Clear days.	Partly cloudy days.	Cloudy days.	Average cloudiness, tenths.	Total snowfall.
Upper Miss. Valley.							19.5	— 6.5										80	2.52	+ 0.6										5.9	
Minneapolis	.....	99	208	.....	.....	.....	8.4	— 7.8	37	7	18	—17	13	— 1	31	....	....	....	0.61	— 0.4	7	8,085	nw.	45	nw.	8	4	15	9	....	9.1
St. Paul	837	114	124	29.13	30.12	.00	8.4	— 7.4	35	7	18	—18	9	— 1	32	7	4	81	0.73	— 0.2	6	6,065	nw.	36	nw.	23	7	14	7	5.2	7.9
La Crosse	714	70	78	.....	.....	.....	12.0	— 8.1	43	7	21	—13	9	3	33	....	....	....	1.09	0.0	6	4,811	nw.	30	nw.	23	7	12	9	5.8	10.7
Davenport	606	71	79	29.36	30.07	— .03	18.0	— 7.3	53	7	26	— 7	15	9	42	16	12	77	2.45	+ 0.9	15	5,998	nw.	36	w.	8	11	4	13	5.6	13.8
Des Moines	861	84	88	29.14	30.15	+ .03	17.0	— 6.1	45	11	26	—10	15	8	39	15	13	86	0.50	— 0.8	6	6,227	ne.	31	nw.	24	6	8	14	6.4	7.8
Dubuque	698	101	109	29.27	30.09	.00	15.4	— 7.2	45	11	24	—10	16	7	36	14	12	87	2.13	+ 0.7	13	6,183	nw.	36	nw.	8	9	7	12	5.9	12.9
Keokuk	614	63	78	29.38	30.08	— .02	22.2	— 6.1	60	7	31	— 2	*	14	45	19	15	77	3.24	+ 1.5	13	6,359	nw.	36	w.	24	12	4	12	5.2	18.6
Cairo	356	87	93	29.66	30.06	— .04	34.4	— 5.0	70	8	44	0	17	25	48	31	27	79	3.20	— 0.8	13	7,676	se.	36	s.	8	4	11	13	6.9	7.2
Springfield, Ill.	644	82	92	29.33	30.07	— .04	25.3	— 5.0	64	8	34	— 4	17	17	51	21	17	79	4.85	+ 1.5	17	7,961	nw.	38	w.	8	5	14	9	6.8	24.4
Hannibal	534	75	110	.....	.....	.....	23.8	— 6.7	59	7	33	— 2	17	15	40	....	....	....	3.87	+ 2.2	12	7,033	nw.	37	nw.	24	10	7	11	5.4	23.3
St. Louis	567	111	210	29.41	30.06	— .05	29.8	— 5.3	65	8	38	1	17	21	49	26	22	76	5.09	+ 2.3	14	8,062	nw.	59	sw.	8	7	6	15	6.4	9.3
Missouri Valley.							20.0	— 4.3										74	1.63	+ 0.3										5.8	
Columbia	784	4	84	.....	.....	.....	25.6	— 7.2	61	7	36	— 4	17	15	50	....	....	....	3.76	— 1.2	15	7,057	nw.	35	w.	8	7	5	16	6.7	20.1
Kansas City	963	78	95	29.02	30.11	— .01	25.2	— 5.8	63	7	34	— 1	17	17	35	22	18	76	3.33	+ 1.5	13	6,662	nw.	32	nw.	23	10	5	13	5.3	18.4
Springfield, Mo.	1,324	100	103	28.59	30.06	— .04	29.6	— 5.1	64	7	38	— 8	17	21	32	26	22	78	2.47	— 1.0	13	8,689	se.	42	w.	8	11	5	12	5.7	5.6
Topeka	.....	81	.....	.....	.....	.....	25.0	— 6.3	61	7	35	— 1	17	15	42	....	....	....	3.58	+ 2.1	11	.....	nw.	....	.....	...	8	10	10	5.5	27.1
Lincoln	1,189	75	84	28.76	30.13	— .02	19.2	— 4.2	48	6	30	—12	9	8	44	16	12	78	0.97	0.0	7	8,250	nw.	40	nw.	8	8	11	9	5.5	9.6
Omaha	1,105	115	121	28.86	30.12	— .02	17.8	— 7.2	45	11	27	— 9	15	9	35	16	12	79	0.81	0.0	6	7,442	ne.	42	ne.	23	8	13	7	5.6	8.1
Sioux City	1,135	96	164	.....	.....	.....	13.8	— 5.2	47	6	22	—12	9	5	51	....	....	....	0.62	0.0	7	8,779	nw.	50	nw.	8	7	11	10	5.9	10.8
Pierre	1,572	11	19	28.38	30.17	.00	16.3	+ 0.9	55	6	27	—15	8	6	45	12	2	56	0.36	0.0	8	7,455	nw.	48	nw.	6	4	13	11	6.5	3.7
Huron	1,306	56	67	28.66	30.18	+ .01	11.9	— 0.1	52	22	25	—17	9	— 1	46	8	4	76	0.14	— 0.4	5	8,071	nw.	39	nw.	23	10	13	5	4.6	1.4
Yankton	1,233	52	58	.....	.....	.....	16.0	— 3.2	50	6	28	—10	9	4	50	....	....	....	0.30	— 0.4	5	6,333	nw.	37	nw.	7	7	11	10	6.4	4.7
Northern Slope.							19.5	— 1.3										74	0.72	+ 0.2										6.0	
Havre	2,505	46	47	27.34	30.17	+ .01	11.3	— 1.9	49	28	23	—37	8	0	45	10	6	82	0.72	+ 0.2	8	6,616	w.	54	ne.	6	7	13	8	5.7	7.2
Miles City	2,371	42	50	27.47	30.12	— .04	16.8	+ 0.6	50	28	26	—16	17	7	38	14	11	84	0.39	— 0.1	6	4,599	nw.	40	nw.	6	11	8	9	4.9	3.9
Helena	4,110	88	93	25.78	30.18	+ .03	21.9	+ 0.2	52	21	30	—23	16	14	37	19	12	66	0.64	— 0.1	7	5,189	sw.	46	sw.	9	2	3	23	7.9	19.9
Kalispell	2,965	45	51	26.91	30.14	.....	23.9	.....	46	28	32	—19	15	16	29	21	16	75	0.99	.....	13	3,783	nw.	34	sw.	28	5	9	14	6.6	8.5
Rapid City	3,234	46	50	26.53	30.07	— .09	20.1	— 0.5	54	6	30	—18	15	10	38	17	13	79	0.17	— 0.4	4	4,972	n.	37	n.	6	5	11	12	6.2	2.0
Cheyenne	6,088	56	64	23.86	30.18	+ .03	24.3	— 3.0	52	22	36	—12	15	13	39	19	9	58	1.25	+ 0.8	10	9,695	nw.	51	w.	11	8	13	7	5.3	18.1
Lander	5,372	28	36	24.54	30.19	+ .03	18.0	— 3.8	50	24	33	—30	16	3	43	14	9	73	1.06	+ 0.4	7	2,391	sw.	42	sw.	11	5	17	6	5.6	10.6
North Platte	2,821	43	52	27.05	30.16	+ .01	24.4	— 0.9	62	22	36	—11	16	13	41	19	15	76	0.78	+ 0.4	11	5,698	nw.	31	nw.	16	10	10	8	5.4	11.7
Middle Slope.							30.5	— 2.0										66	1.00	+ 0.2										4.7	
Denver	5,291	79	151	24.62	30.15	+ .01	30.2	— 2.0	61	22	43	—10	16	18	43	23	11	53	0.55	0.0	6	6,405	s.	53	nw.	11	15	9	4	4.0	10.8
Pueblo	4,685	80	86	25.18	30.06	— .07	30.2	+ 0.1	64	22	45	—16	17	16	50	24	13	52	0.68	+ 0.2	6	5,718	w.	47	n.	27	17	10	1	3.6	9.1
Concordia	1,398	42	47	28.55	30.13	— .02	25.2	— 3.0	59	22	35	— 4	16	16	42	21	18	80	0.77	— 0.2	6	5,444	n.	24	n.	12	8	10	10	5.6	7.3
Dodge	2,509	44	52	27.35	30.09	— .01	30.4	— 1.4	64	22	44	— 6	17	17	55	25	20	76	0.99	+ 0.4	8	7,950	nw.	37	s.	13	9	12	7	5.1	9.2
Wichita	1,358	78	85	28.58	30.09	— .01	29.8	— 2.0	63	3	39	— 1	17	20	42	25	19	71	2.10	+ 0.9	9	7,258	n.	36	nw.	23	12	8	8	5.0	12.0
Oklahoma	1,214	54	62	28.70	30.06	— .03	36.2	— 3.9	70	3	48	5	17	21	41	31	24	66	0.91	— 0.2	5	9,385	n.	41	n.	27	11	7	10	5.1	0.5
Southern Slope.							41.4	+ 0.6										59	0.50	— 0.8										4.0	
Abilene	1,738	45	54	28.18	30.05	— .03	46.4	+ 0.5	77	25	59	14	16	34	43	37	26	53	0.53	— 0.8	3	8,422	se.	58	w.	20	15	7	6	3.9	T.
Amarillo	3,676	54	61	26.17	30.06	— .03	36.4	+ 0.8	70	22	50	5	15	23	55	29	21	65	0.47	— 0.8	5	12,232	n.	60	n.	7	15	4	9	4.0	4.7
Southern Plateau.							46.7	+ 2.0										33	0.32	— 0.6										2.3	
El Paso	3,762	10	110	26.14	30.02	— .02	48.8	— 0.6	79	26	63	17	18	34	45	37	18	37	0.43	0.0	5	8,049	nw.	55	sw.	19	17	7	4	3.0	
Santa Fe	7,013	47	50	23.14	30.03	— .03	33.4	+ 1.4	56	22	44	8	9	23	32	26	9	41	1.00	+ 0.2	5	5,057	ne.	38	nw.	16	18	7	3	3.0	6.7
Flagstaff	6,907	12	25	23.26	30.13	.....	33.4	+ 2.3	61	25	49	4	8	18	47	....	....	....	0.28	— 1.8	3	.....	nw.	...	.....	...	7	10	11	....	1.6
Phenix	1,108	47	57	28.81	29.99	— .06	56.4	+ 2.1	80	28	71	29	9	42	36	42	22	29	0.04	— 0.8	1	3,135	e.	26	w.	7	19	9	0	2.2	
Yuma	141	16	50	29.79	29.94	— .08	60.2	+ 1.4	84	22	75	34	9	45	41	46	27	34	0.11	— 0.4	1	4,768	w.	36	n.	7	26	2	0	1.1	
Independence	3,910	51	58	25.99	30.00	— .07	48.1	+ 5.3	69	21	61	25	8	35	32	36	12	25	0.05	— 0.5	1	6,413	nw.	36	s.	26	23	5	0	2.2	
Middle Plateau.							36.6	+ 3.4										52	0.60	— 0.5										5.5	
Carson City	4,720	82	92	25.31	30.14	+ .04	40.0	+ 3.7	65	24	52	18	10	28	42	33	24	56	0.28	— 1.2	3	4,911	sw.	60	w.	14	4	15	9	5.6	T.
Winnemucca	4,344	59	70	25.70	30.17	+ .04	36.2	+ 3.7	57	28	48	5	7	25	37	31	22	59	0.69	— 0.2	7	7,114	sw.	60	w.	6	4	10	14	7.0	1.4
Cedar City	5,850	36	47	24.22	30.12	.....	37.4	.....	63	25	49	7	8	26	34	28	10	38	0.29	.....	5	4,433	se.	28	n.	7	14	7	7	4.1	1.1
Salt Lake City	4,366	105	110	25.64	30.18	.00	31.1	+ 1.2	55	28	42	10	17	26	37	30	23	65	1.30	0.0	9	3,518	se.	60	n.	6	8	11	9	5.4	14.4
Grand Junction	4,608	43	50	25.34	30.12	.....	36.1	+ 4.8	59	21	48	12	8	24	33	27	13	42	0.14	— 0.5	4	3,859	se.	41	nw.	22	7	13	8	5.2	0.2
Northern Plateau.							33.0	+ 3.7										74	1.32	— 0.4										7.1	
Baker City	3,471	53	58	26.47	30.18	+ .05	30.9	+ 5.9	51	21	38	— 1	16	24	29	28	23	74	1.05	— 0.7	11	3,986	s.	34	n.	6	1	7	20	7.8	5.8
Boise	2,739	61	68	27.24	30.17	— .01	36.2	+ 1.5	57	21	44	11	16	28	24	32	26	66	1.48	— 0.1	10	2,963	se.	33	nw.	6	3	14	11	6.5	4.3
Pocatello	4,482	48	56	25.46	30.15	— .04	29.4	+ 6.4	49	21	37	— 6	16	22	31	27	23	76	1.26	— 0.6	11	7,854	w.	48	w.	11	6	4	18	7.0	8.9
Spokane	1,943	99	107	28.02	30.14	+ .03	31.4	+ 2.9	51	22	38	1	15	25	22	28	23	72	1.19	— 0.8	8	4,305	sw.	41	sw.	6	1	6	21	8.2	8.0
Walla Walla	1,000	65	73	29.04	30.15	+ .04	37.2	+ 1.8	60	21	43	1	16	31	25	35	32	82	1.62	+ 0.3	13	3,994	s.	34	sw.	6	3	16	9	5.9	6.7
N. Pac. Coast Reg.							42.0	+ 3.4										83	4.94	— 0.7										7.6	
Neah †	50	7	24	30.01	30.07	+ .05	41.3	+ 0.6	50	17	44	18	15	38	14	40	38	86	8.88	— 1.4	21	6,369	sw.	54	w.	6	5	2	21	7.5	3.0
Port Crescent	259	15	20	.....	.....	.....	38.6	+ 3.1	55	21	44	19	14	33	19	....	....	....	3.54	— 1.2	20	2,697	w.	26	sw.	6	3	9	16	7.2	4.5
Seattle	123	114	121	29.97	30.10	+ .06	42.3	+ 3.3	55	21	47	22	15	38	12	40	37	83	4.35	— 0.2	19	4,235	se.	33	s.	5	1	13	14	7.5	6.6
Tacoma	213	113	120	.....	.....	.....	41.7	+ 3.7	56	20	47	22	15	37	16	....	....	...	4.66	— 0.7	18	4,508	sw	34	w.	6	1	7	20	8.0	1.5
Astoria	20	57	64	30.12	30.14	+ .12	42.6	+ 2.1	53	21	48	25	15	37	16	41	....	....	10.73	+ 2.8	27	4,696	sw.	32	nw.	6	3	5	20	8.1	0.1
Portland, Oreg	154	203	213	29.97	30.14	+ .06	41.8	+ 3.4	57	21	47	19	15	37	17	40	37	83	3.36	— 2.8	20	6,517	s.	43	s.	6	1	7	20	8.0	1.4
Roseburg	518	56	67	29.56	30.14	+ .04	44.9	+ 4.6	60	23	51	30	12	39	23	42	39	82	3.00	— 1.9	21	2,006	nw.	17	sw.	22	5	9	14	6.7	
Mid. Pac. C'st Reg.							51.2	+ 2.1										76	2.16	— 2.0										5.0	
Eureka	62	60	69	30.13	30.19	+ .10	48.6	+ 2.4	63	17	54	36	7	44	18	47	44	85	6.04	— 0.1	12	3,800	se.	39	n.	6	6	10	12	6.3	
Mount Tamalpais	2,375	11	18	27.63	30.13	.....	48.4	.....	63	12	53	33	7	44	16	43	37	69	1.91	.....	10	10,803	n.	51	n.	7	13	7	8	4.5	
Red Bluff	332	54	58	29.77	30.13	+ .04	51.1	+ 2.1	73	10	60	35	9	43	31	46	41	72	1.62	— 2.1	9	3,736	n.	34	n.	5	12	8	8	4.9	
Sacramento	69	106	117	30.04	30.12	+ .03	51.7	+ 1.9	68	12	60	35	19	44	24	49	45	77	0.32	— 2.8	4	5,462	se.	30	nw.	7	11	11	6	5.3	
San Francisco	155	161	167	29.98	30.14	+ .06	53.6	+ 1.9	68	23	60	44	1	48	20	50	46	78	0.64	— 3.0	6	4,843	w.	32	w.	18	13	10	5	3.8	
Point Reyes Light †	.....	12	16	.....	.....	.....	52.2	+ 3.6	69	12	58	42	7	47	21	...	...	....	0.99	— 2.8	4	8,598	nw.	....	.....	...	12	6	10	4.9	
S. Pac. Coast Reg.							55.9	+ 2.5										69	0.07	— 2.6										2.9	
Fresno	330	67	70	29.74	30.10	+ .02	51.4	+ 1.2	75	17	62	34	8	41	32	48	44	81	0.08	— 1.1	3	2,815	nw.	19	nw.	26	15	9	4	4.0	
Los Angeles	338	74	82	29.65	30.01	— .04	58.4	+ 4.0	84	22	71	40	9	46	36	49	41	63	T.	— 3.3	0	2,584	w.	18	n.	7	15	13	0	2.9	
San Diego	87	94	102	29.89	29.99	— .07	57.6	+ 2.8	76	23	65	45	20	51	23	50	44	66	0.03	— 2.2	1	3,965	nw.	28	nw.	19	25	3	0	1.5	
San Luis Obispo	201	10	46	29.88	30.10	+ .02	56.2	+ 1.9	80	24	69	34	11	44	44	48	42	67	0.16	— 3.6	2	3,730	n.	25	w.	26	18	9	1	3.2	
West Indies.																															
Basseterre	29	41	54	30.03	30.06	.....	76.8	.....	84	19	81	69	5	72	12	70	67	73	1.46	.....	10	7,560	e.	25	e.	3	10	13	5	4.9	
Bridgetown	30	57	65	29.98	30.01	.....	78.2	.....	85	8	84	68	10	72	16	72	70	77	1.04	— 0.9	11	6,504	ne.	26	se.	1	3	20	5	5.7	
Cienfuegos	52	62	67	30.00	30.05	.....	70.8	.....	86	9	80	49	26	61	25	65	63	82	1.55	.....	5	5,545	ne.	24	n.	27	16	8	4	3.8	
Havana	57	83	100	30.02	30.08	.....	70.8	.....	86	8	78	53	20	64	21	65	63	81	3.39	+ 1.1	7	7,992	e.	42	nw.	25	5	15	8	6.0	
Kingston	286	38	52	29.70	30.00	.....	75.9	.....	87	28	84	64	23	67	20	67	64	74	0.20	.....	4	4,771	ne.	28	se.	12	10	15	3	4.4	
Port of Spain	40	65	66	29.92	29.96	.....	78.4	.....	90	18	86	66	15	70	22	72	69	74	0.67	.....	6	3,472	e.	17	ne.	12	13	13	2	4.4	
Puerto Principe	352	55	62	29.69	30.04	.....	71.1	.....	87	17	80	49	20	62	28	65	64	88	1.32	.....	7	5,510	ne.	27	e.	10	11	11	6	5.2	
Roseau	25	37	47	29.99	30.01	.....	77.6	.....	86	25	84	68	12	71	17	69	64	66	0.72	.....	9	4,204	ne.	24	e.	25	16	11	1	3.6	
San Juan	82	48	73	29.98	30.06	.....	75.7	.....	86	25	81	66	19	70	17	70	67	75	2.13	— 0.2	13	7,842	e.	34	e.	28	12	15	1	3.7	
Santiago de Cuba	82	26	33	29.93	30.01	.....	76.1	.....	88	12	85	59	20	67	26	68	65	77	0.87	.....	4	3,312[b]	ne.	22	n.	19	16	8	4	4.3	
Santo Domingo	57	37	44	30.01	30.07	.....	74.5	.....	85	3	82	63	14	67	19	69	68	84	1.20	.....	11	4,144	n.	20	n.	19	9	15	4	4.5	
Willemstad	75	39	46	29.87	29.94	.....	79.5	.....	85	1	84	71	11	75	12	72	69	74	0.26	.....	6	8,994	e.	25	e.	25	10	16	2	4.5	

NOTE.—The data at stations having no departures are not used in computing the district averages. Letters of the alphabet denote number of days missing from the record. *Two or more dates. † Received too late to be considered in departures, etc.

TABLE II.—*Climatological record of voluntary and other cooperating observers, February*, 1900.

Stations.	Temperature. (Fahrenheit.) Maximum.	Minimum.	Mean.	Precipitation. Rain and melted snow.	Total depth of snow.
	°	°	°	Ins.	Ins.
Alabama.					
Alco	78	17	51.8	11.59	
Ashville	70	9	43.0	7.40	T.
Bermuda	74	14	50.4	13.51	
Birmingham	70	12	46.0	6.17	
Bridgeport				5.40	
Citronelle	72	18	51.4	12.82	T.
Clanton	72	15	43.4	8.85	
Daphne	76[c]	18[c]	49.4[c]	10.57	
Decatur	70	8	41.4	4.12	T.
Demopolis				9.77	
Elba	77[c]	8[c]	46.7[c]	11.24	
Eufaula *a*	73	12	46.6	11.04	
Eufaula *c*				10.70	T.
Eutaw	73	14	45.0	6.83	T.
Florence *a*				3.79	T.
Florence *b*	65	7	40.2	3.88	T.
Fort Deposit	73	14	45.7	11.01	
Gadsden	70	9	42.4	6.14	T.
Goodwater	70	10	40.8	10.28	T.
Greensboro	72	15	43.9	10.26	T.
Hamilton	71	7	42.3	5.36	T.
Healing Springs	75	17	47.8	10.91	T.
Highland Home	72	10	48.8	11.28	T.
Livingston *a*	73	11	43.4	6.49	
Livingston *b*	73	15	44.6	8.05	T.
Lock No. 4	70	11	40.6	7.34	T.
Madison Station	70	7	40.0	5.35	
Maplegrove	72	8	39.0	7.79	
Marion	71	12	45.5	10.00	T.
Mount Willing	75	15	49.2	9.48	1.0
Newbern	73	13	45.8	9.38	T.
Newburg	65	10	43.4	4.52	
Newton	69	11	45.4	12.67	T.
Oneonta	69	9	41.8	8.77	T.
Opelika	68	10	43.6	10.87	
Oxanna	68	10	41.0	8.80	1.0
Pineapple	80	15	48.2	7.50	T.
Prattville	74	13	47.7		
Pushmataha	73	15	47.8	9.11	1.0
Riverton	72	6	37.8	4.24	T.
Rockmills	70	9	45.0	9.90	
Scottsboro	68	8	38.6		
Selma	73	14	45.4	7.39	
Tallassee				8.84	
Thomasville				8.55	
Tuscaloosa	72	12	42.0	5.54	
Tuskegee	75	11	44.0	12.02	T.
Union Springs	75	12	45.6	17.60	T.
Uniontown	75	15	47.0	8.31	
Valleyhead	69	6	38.8	7.72	
Warrior				6.14	
Wetumpka	82	13	45.1	9.30	
Arizona.					
Allaire Ranch				0.58	
Arivaca	90	26	54.8	0.79	
Arizona Canal Co. Dam	80	30	55.4	0.05	
Aztec *[1]	83	45	60.5	0.13	
Benson *[1]	70	34	52.8	0.95	
Bisbee	73	26	48.4	1.41	
Bowie *[5]	60	25	43.8	0.00	
Buckeye	85	25	55.0	0.00	
Camp Creek	77	31	52.7	0.24	
Casagrande *[1]	85	34	59.7	0.00	
Champie Camp	88	29	58.0	0.10	
Cochise *[5]	75	25	50.9	0.80	
Congress	75	35	55.4	0.12	
Dragoon Summit *[1]	63	30	45.2	0.78	
Dudleyville	78	27	51.0	0.75	
Fort Apache	68	12	39.2	0.29	T.
Fort Defiance	58	4	33.1	T.	T.
Fort Grant	74	25	49.0	0.53	
Fort Huachuca	71	21	47.5	1.15	
Fort Mohave	87	32	59.7	0.00	
Gilabend *[1]	80	33	51.4	T.	
Holbrook	66	7	38.2	0.14	1.0
Ingleside	81	27	54.8	0.06	
Jerome	70	25	47.6	T.	T.
Maricopa *[1]	82	29	54.2	T.	
Mesa	82	25	55.0	T.	
Mount Huachuca	71	25	46.7	1.93	
Music Mountain	73	24	49.9	0.00	
Natural Bridge				0.40	T.
Nogales	78	24	50.4	1.13	
Oracle	69	25	48.4	0.67	
Oro				0.58	
Pantano *[1]	78	32	52.3	0.58	T.
Parker	89[e]	32[e]	59.8[e]	0.00	
Peoria	81	32	55.5	0.09	
Phenix	80	24	53.4	T.	
Pima	79	15	46.9	0.15	
Pinal Ranch				1.04	
Prescott	70	16	40.4	T.	T.
Russellville				1.02	
San Carlos	80	24	50.4	0.40	
San Simon *[1]	68	30	41.3	0.00	
Sentinel *[1]	85	38	57.8	0.00	
Arizona—Cont'd.					
Signal	83	25	52.7	0.00	
Silverking				0.85	
Snowflake	58	0	30.6	0.29	5.0
Strawberry	65	15	38.4	0.48	1.0
Supai	74	28	49.6	0.00	
Texas Hill *[1]	87	33	57.2	0.12	
Tonto	78	15	46.7	0.64	
Tuba	73	12	43.3	T.	T.
Tucson	80	25	52.1	0.49	
Vail *[1]	77	35	53.8	0.04	
Walnutgrove				0.00	
Willcox *[1]	67	25	46.4	0.79	
Winslow	68	13	40.4	0.44	T.
Yarnell				0.26	
Arkansas.					
Amity	69	7	41.5	4.33	T.
Arkadelphia	71	9	43.1	4.73	0.5
Arkansas City				5.06	
Batesville	70	7	38.4	5.39	
Beebranch	68	0	38.3	4.50	4.0
Blanchard Springs	72	9	44.8	4.15	
Brinkley	71	5	40.5	7.70	T.
Camden *a*				5.29	T.
Camden *b*	70	8	49.4	5.50	T.
Canton	69	0	34.0	4.16	3.5
Conway	70	5	41.6	6.53	2.0
Corning	71	−1	34.5	4.33	4.0
Dallas	74	4	42.0	2.69	T.
Dardanelle				5.01	
Elon	74	10	45.2	4.76	
Fayetteville	65	−2	36.8	2.89	3.9
Fulton				3.47	
Hardy	65	0	34.8	4.37	2.7
Helena *a*				6.64	
Helena *b*	70	6	41.6	6.19	0.3
Hot Springs *b*				6.01	
Jonesboro	71	2	39.6	3.67	0.7
Keesees Ferry	62	−2	34.7	4.95	6.2
Lacrosse	69	0	36.4	3.63	4.0
Lonoke	70	6	40.6	6.04	0.5
Luna Landing	73	10	44.0	5.22	
Lutherville	65	3	38.2	4.50	T.
Malvern	72	8	41.8	5.37	
Mariana	70	5	39.8	6.90	T.
Marvell	70	6	41.4	6.59	T.
Mossville	60	0	32.6	5.72	1.2
Mount Nebo	64	−3	36.2	5.80	1.0
New Gascony	68	8	42.4	6.32	T.
Newport *a*				5.26	1.1
Newport *b*	71	4	38.8	5.48	
Newport *c*	74	4	38.2	5.44	T.
Oregon	66	−4	36.5	4.72	2.2
Osceola	69	4	39.4	6.12	T.
Ozark	68	6	40.6	3.45	T.
Pinebluff	71	9	42.5	5.66	
Pocahontas	69	0	35.6	3.79	0.2
Pond	65	−3	33.8	2.40	3.5
Powell	68	0	34.0	4.68	4.5
Prescott	72	10	43.6	3.24	
Rison	72	8	44.4	5.52	
Russellville	67	14	41.8	4.47	1.2
Silversprings	65	−1	35.9	2.40	5.0
Spielerville	73	5	40.1	3.46	0.5
Stamps	70	8	44.0	7.21	T.
Stuttgart	72	7	41.7	5.59	0.2
Texarkana	73	20	47.4		
Warren	66	10	39.9	7.10	
Washington	72	9	44.2	3.98	0.6
Wiggs	69	6	40.8	5.18	T.
Winslow	50	−5	27.5	5.21	6.5
Witts Springs	64	4	36.0	6.05	13.0
California.					
Anada	66	28	45.2	4.74	
Angiola	80	24	49.3	0.09	
Azusa				T.	
Bakersfield	78	20	51.0	0.26	
Ballast Point L. H				0.13	
Bear Valley				4.81	9.8
Berkeley	66	40	51.6	1.02	
Bishop	76	18	45.4	0.01	
Boca *[1]	54	8	32.4	0.60	6.0
Bodie	51	−9	25.8	0.23	2.0
Bowman *[1]	63	20	36.9	4.44	17.0
Cahto				3.86	
Caliente	73	30	53.5	0.98	
Campbell	70	32	50.8	0.40	
Cape Mendocino L. H				7.05	
Cedarville	59	15	37.2	1.51	6.5
Chico *[1]	80	37	53.2	0.95	
Cisco *[1]	48	15	31.8	6.43	30.0
Claremont	79	32	52.9	0.19	
Corning *[1]	70	38	51.8	1.34	
Coronado	72	50	58.4		
Craftonville	83	32	57.0	T.	
Crescent City	61	32	48.3	12.86	
Crescent City L. H				10.49	
California—Cont'd.					
Cuyamaca	62	21	39.5	0.26	
Delta *[1]	72	30	49.5	4.60	
Deweyville	77	29	50.6	0.31	
Drytown	74	30	52.4	1.42	
Dunnigan *[1]	64	33	50.8	0.10	
Durham *[1]	70	36	51.3	1.12	
East Brother L. H				0.10	
Edmanton *[1]	62	22	39.0	3.10	9.0
Elcajon	84	31	56.0	0.11	
Elmdale	75	29	49.7	0.05	1.0
Elsinore	95	30	56.4	0.00	
Escondido	78	26	50.6	0.20	
Fallbrook *[1]	79	38	52.7	0.29	
Fordyce Dam				4.95	32.0
Fort Ross	70	40	52.3	4.39	
Fort Tejon				0.66	
Georgetown	65	31	47.0	4.29	
Gilroy Hot Springs				0.05	
Gilroy (near)	77	28	51.2	0.46	
Grand Island *[5]	68	36	52.4	0.34	
Grass Valley				2.69	
Greenville	65	19	41.0	1.44	3.0
Hanford	76	28	49.8	0.00	
Healdsburg	78	31	52.0	1.27	
Hill Ranch				0.00	
Hollister	76	29	51.1	0.26	
Humboldt L. H				1.19	
Indio *[1]	82	40	60.2	0.00	
Iowa Hill *[1]	66	35	48.2	3.39	
Irvine	94	42	65.2	T.	
Jackson	58	30	42.2	2.15	
Jolon				0.11	
Kennedy Gold Mine	65	26	45.0	1.97	
Kernville				0.53	
King City *[1]	72	29	47.3	0.06	
Kono Tayee	65	35	49.6	1.27	
Lagrange *[5]	71	34	52.4	0.21	
Lamesa				0.03	
Lankershim	73	29	48.9	0.07	
Laporte *[1]	56	22	36.9	5.66	22.9
Las Fuentes Ranch				0.00	
Legrand		29		T.	
Lemoncove	78	34	53.4	0.10	
Lick Observatory	58	24	43.0	1.70	
Lime Point L. H				1.36	
Lodi	70	34	51.2	0.37	
Los Gatos *b*	67	35	49.8	0.45	
Mammoth *[1]	85	35	59.6	0.00	
Manzana	75	30	51.0	0.10	
Mare Island L. H				0.56	
Merced *b*	72	29	49.0	0.05	
Mills College				1.61	
Milo				0.35	
Milton (near) *[1]	68	33	51.0	0.71	
Modesto *[1]	81	34	54.5	0.29	
Mokelumne Hill *[3]		32	46.2	1.54	
Monterio	78	32	52.6	0.60	4.0
Monterey *[1]	68	36	53.3	0.66	
Morena				0.13	
Mountainview				0.36	
Mutah Flat				0.00	
Napa *b*	72	32	52.0	0.41	
Needles	80	35	59.6	0.00	
Nevada City	67	26	44.7	2.36	
Niles *[1]	76	42	56.8	0.87	
North Bloomfield	70	29	47.2	5.20	2.0
North Ontario	77	38	54.9	0.19	
North San Juan *[1]	80	29	50.5	3.88	
Oakland *a*	66	39	52.0	0.87	
Ogilby	95	50	66.0	0.00	
Oleta *[1]	65	30	45.8	2.90	
Orland *[1]	68	37	50.8	0.84	
Palermo	68	33	50.2	0.72	
Palmdale				0.00	
Paso Robles *b*	77	27	50.3	0.08	
Peachland *[5]	70	34	52.2	1.15	
Piedras Blancas L. H				0.20	
Pigeon Point L. H				1.20	
Pilot Creek				4.30	7.0
Pine Crest	78	40	59.6	T.	
Point Ano Nuevo L. H				1.20	
Point Arena L. H				2.93	
Point Bonita L. H				0.66	
Point Conception L. H				0.00	
Point Firmin L. H				0.00	
Point George L. H				4.05	
Point Hueneme L. H				0.00	
Point Lobos	63	43	51.9	0.96	
Point Loma L. H				0.08	
Point Montara L. H				1.92	
Point Pinos L. H				0.85	
Point Sur L. H				0.83	
Pomona (near)	87	34	57.3	0.05	
Poway *[3]	80	36	50.1	0.32	
Quincy	58	23	40.8	1.87	3.0
Ranch House	80	40	61.8	0.00	

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.
California—Cont'd.	°	°	°	*Ins.*	*Ins.*
Raymond	71	30	49.8	0.30	
Redding	72	32	50.6	2.86	
Redlands	86	37	57.6	T.	
Reedly	75	31	48.3	T.	
Represa	64	34	51.0	1.16	
Riovista	67	32	50.8	0.42	
Riverside	84	35	57.6	0.01	
Roe Island L. H	.....	.....	....	0.38	
Rosewood	70	25	47.5	1.91	
Sacramento *a*	72	34	51.4	0.39	
Salinas *[1]	72	38	53.9	0.62	
Salton *[5]	87	35	65.2	0.00	
San Bernardino	87	30	55.9	0.00	
San Jacinto	84	30	53.9	0.00	
San Leandro *[1]	78	40	55.8	1.24	
San Luis L. H	.....	.....	....	0.10	
San Mateo *[1]	69	37	52.0	0.84	
San Miguel *[1]	74	28	52.6	0.07	
Santa Barbara *a*	82	42	58.0	0.05	
Santa Barbara L. H	.....	....	.....	0.03	
Santa Clara *a*	.....	.....	.....	0.49	
Santa Cruz *b*	77	31	52.4	0.99	
Santa Cruz L. H	.....	.....	.....	1.28	
Santa Maria	81	36	57.9	0.05	
Santa Paula	87	38	61.1	0.00	
Santa Rosa *[1]	69	37	55.2	0.77	
Shasta	73	30	50.0	3.99	
Sierra Madre	79	40	57.5	0.02	
Snedden	.....	.....	.....	T.	
Sonoma	.....	.....	.....	1.21	
S. E. Farallone L. H	.....	.....	.....	1.18	
Stanford University	68	34	50.9	0.23	
Stockton *a*	68	33	50.1	0.24	
Summerdale	60	20	40.6	0.72	2.0
Susanville	66	18	38.4	1.22	2.0
Tehama *[1]	73	39	51.7	1.35	
Tejon Ranch	77	33	53.5	0.35	
Thermalito	71	34	51.4	0.51	
Trinidad L. H	.....	.....	.....	4.50	
Truckee *[1]	56	4	31.5	0.80	8.0
Tulare *b*	.....	.....	.....	T.	
Tulare *c*	84	30	51.6	0.10	
Ukiah	76	27	49.2	2.49	
Upperlake	69	29	48.8	1.31	
Upper Mattole *[1]	78	32	47.6	8.20	
Vacaville *a* *[1]	71	35	52.8	0.52	
Ventura	78	38	54.8	0.10	
Volcano Springs *[1]	89	32	58.4	0.00	
Walnutcreek	73	36	53.5	0.20	
Westpoint	.....	.....	.....	2.67	
West Saticoy	.....	.....	.....	0.00	
Wheatland	67	33	49.0	0.69	
Williams *[1]	70	39	53.8	0.20	
Wilmington *[1]	78	43	55.4	0.00	
Wire Bridge *[5]	71	28	49.8	1.68	
Yerba Buena L. H	.....	.....	.....	0.20	
Yreka	61	23	40.8	2.13	T.
Yuba City *[5]	72	36	53.6	0.45	
Colorado.					
Arkins	.....	.....	.....	0.86	11.5
Aspen	.....	.....	.....	0.91	14.0
Boulder	64	—11	31.6	1.06	14.8
Boxelder	.....	.....	.....	0.86	10.8
Breckenridge	40	—27	14.3	2.48	45.2
Buenavista	.....	.....	.....	0.71	11.0
Canyon	64	— 9	35.4	0.52	7.5
Castlerock	56	—18	28.0	0.63	11.0
Cedaredge	58	3	32.9	0.27	2.8
Cheyenne Wells	62	— 7	28.6	0.67	5.0
Clearview *[1]	44	— 8	21.4	2.57	39.0
Colorado Springs	59	— 8	29.2	0.11	4.0
Cope	58	—14	26.6	0.87	11.0
Cripplecreek	48	— 8	22.6	0.66	8.5
Crook	59	—14	26.0	0.68	11.0
Delta	65	4	34.1	0.20	.....
Dumont	.....	.....	.....	1.21	19.0
Durango	60	2	33.5	0.42	4.3
Fairview	52	—17	27.4	0.31	6.0
Fort Collins	58	—23	24.8	1.12	14.8
Fort Morgan	.....	—19	.....	0.57	8.5
Fox	.....	.....	.....	1.21	8.8
Garnett	54	—16	23.8	0.06	1.2
Georgetown	43	— 4	26.0	.....	.....
Gilman	.....	.....	.....	1.27	24.5
Gleneyrie	57	— 1	29.3	0.41	6.3
Glenwood	.....	.....	.....	0.48	7.5
Greeley	58	—21	24.8	0.58	13.0
Gunnison	47	—30	14.2	0.61	8.2
Gypsum	.....	.....	.....	0.47	6.0
Hamps	57	—10	27.6	0.60	7.8
Hoehne	64	—10	31.3	0.48	5.0
Holyoke (near)	63	—17	25.6	0.79	11.0
Hugo	.....	.....	.....	0.33	5.0
Husted	56	—15	27.8	0.42	8.5
Lake Moraine	39	—13	20.4	0.81	16.0
Lamar	70	— 4	33.0	1.03	10.5
Colorado—Cont'd.					
Laporte	.....	.....	.....	1.47	22.5
Las Animas	69	— 8	31.8	0.58	7.0
Lay	49	—23	21.7	0.73	13.0
Leadville (near) *[1]	42	— 7	17.4	2.63	43.8
Leroy	58	—13	25.5	0.96	12.2
Longs Peak	41	— 9	21.6	0.85	14.5
Mancos	60	3	34.0	0.40	3.0
Marshall Pass	.....	.....	.....	3.31	53.5
Meeker	50	—14	25.3	1.03	12.4
Mitchell	.....	.....	.....	1.04	22.5
Montrose	.....	.....	.....	0.44	6.0
Moraine	44	— 9	23.0	1.11	17.5
Pagoda	49	—23	24.1	2.61	38.0
Palmer	.....	.....	.....	0.57	10.0
Parachute	58	5	33.0	0.21	.....
Perrypark	.....	.....	.....	0.70	.....
Rangely	.....	—22	.....	0.39	6.0
Rockyford	67	—10	31.2	0.52	5.0
Ruby	.....	.....	.....	1.25	22.0
Saguache	53	— 9	26.6	0.06	1.0
Salida	55	—16	30.7	0.66	9.0
San Luis	54	—17	25.9	0.50	6.7
Santa Clara *[1]	58	— 7	29.6	1.44	20.0
Sapinero	.....	.....	.....	0.67	11.5
Sargents	.....	.....	.....	1.62	24.0
Seibert	.....	.....	.....	0.95	11.0
Silt	50	0	29.6	0.21	3.0
Spinney	46	—18	20.0	0.25	4.5
Sprinfield	.....	.....	.....	0.45	5.0
Strickler Tunnel	.....	.....	.....	1.24	13.5
Trinidad	70	— 9	34.4	0.91	10.0
Troutvale	45	—30	13.8	0.50	8.0
T. S. Ranch	55	8	31.8	0.51	.....
Twinlakes	.....	.....	.....	0.35	5.0
Vilas	.....	.....	.....	0.20	3.0
Wagon Wheel	56	—20	22.4	0.43	8.0
Walden	45	—32	17.9	0.72	13.0
Wallet	.....	.....	.....	1.68	20.0
Westcliffe	50	—12	26.4	0.49	8.0
Wray	64	—15	27.4	0.90	10.5
Yuma	.....	.....	.....	1.55	22.0
Connecticut.					
Bridgeport	54	0	29.7	5.99	11.6
Canton	56	— 7	24.4	9.11	9.0
Colchester	57	— 4	28.6	9.68	9.2
Falls Village	.....	.....	.....	6.00	11.0
Greenfield Hill	.....	.....	.....	6.68	9.1
Hartford *b*	56	— 4	27.4	9.99	14.5
Hawleyville	55	— 5	27.0	9.03	9.5
Lake Konomoc	.....	.....	.....	6.09	.....
Middletown	57	— 4	28.4	8.91	11.6
New London	51	— 2	26.8	4.72	11.2
North Grosvenor Dale	59	— 5	25.8	7.72	.....
Norwalk	56	— 3	27.9	5.74	10.5
Southington	56	— 3	22.4	7.70	5.5
Storrs	56	— 7	25.6	7.31	7.5
Voluntown	59	— 3	28.8	8.06	6.5
Wallingford	.....	.....	.....	8.25	.....
Waterbury	57	— 5	26.5	8.46	7.0
West Cornwall	54	—12	23.8	5.97	11.5
West Simsbury	.....	.....	.....	9.06	5.0
Winsted *[1]	54	— 8	22.6	.....	.....
Delaware.					
Milford	.....	.....	.....	3.16	.....
Millsboro	61	4	33.0	3.14	.....
Newark	59	4	30.8	6.18	8.5
Seaford	66	7	34.6	4.49	11.0
Wyoming	67[h]	3[f]	34.0[g]	.....	.....
District of Columbia.					
Distributing Reservoir *[5]	60	8	33.6	4.39	.....
Receiving Reservoir *[5]	62	7	33.8	3.28	.....
West Washington	70	4	33.4	4.70	20.0
Florida.					
Archer	85	19	57.2	4.39	
Bartow	84	27	61.4	4.26	
Brooksville	81	22	59.0	3.45	
Carrabelle	78	19	52.9	.....	
Clermont	85	24	60.3	3.60	
Dalkeith	78	18	54.6	6.10	
De Funiak Springs	77	16	52.5	12.55	
Deland	85	24	58.0	.....	
Ernestville	84	23	60.6	5.98	
Estero *[1]	83	35	63.1	.....	
Eustis	88	24	60.6	4.26	
Federal Point	82	19	56.6	2.10	
Fort Meade	86	25	60.6	1.70	
Gainesville	83	18	54.8	1.85	
Homeland	80	28	58.4	.....	
Huntington	82	22	56.0	3.67	
Hypoluxo	83	33	66.5	7.83	
Iverness	.....	.....	.....	4.59	
Jasper	80	16	53.7	5.12	
Kissimmee	82	27	60.8	2.65	
Lake City	82	16	55.6	4.49	
Lemon City	84	30	66.3	1.85	
Macclenny [d]	84	23	57.0	5.28	
Florida—Cont'd.					
Manatee	82	29	59.7	3.87	
Merritt Island	82	30	61.4	1.57	
Middleburg	85	16	56.8	3.88	
Myers	83	34	62.4	3.99	
New Smyrna	86	24	59.1	2.74	
Nocatee	88	29	64.8	3.80	
Ocala	86	19	59.2	5.64	
Orange City	84	24	59.8	3.41	
Orlando	80	26	60.0	2.48	
Plant City	85	26	60.8	3.86	
Rockwell	82[d]	18[d]	58.1[d]	6.40	
St. Andrews	73	19	53.4	7.71	
St. Francis	85	22	56.6	3.80	
St Francis Barracks	80	20	54.8	3.65	
Sebastian	80	31	62.3	3.79	
Stephensville *[1]	81	20	53.1	3.84	
Switzerland *[1]	81	19	54.2	4.21	
Tallahassee	72	18	52.2	6.67	
Tarpon Springs	84	28	59.1	4.69	
Wausau	80	17	52.0	10.53	
Georgia.					
Adairsville	71	8	38.4	6.90	T.
Albany	71	15	49.1	5.88	
Allentown	72	11	45.5	10.26	
Americus	74	11	46.0	9.62	
Athens *b*	71	9	40.0	8.45	
Blakely	76	16	50.5	11.85	
Canton	.....	.....	.....	7.85	
Carlton	.....	.....	.....	7.86	
Cedartown	72	7	40.9	7.20	
Clayton	69	6	38.4	10.82	1.0
Columbus	.....	.....	.....	12.13	
Covington	75	8	41.2	10.46	T.
Dahlonega	68	0	37.8	9.84	T.
Diamond	67	2	36.8	8.22	T.
Dublin	.....	.....	.....	7.39	
Elberton	72	9	43.6	9.10	
Fitzgerald	78	12	49.8	5.87	
Fleming	78	13	49.2	3.77	
Fort Gaines	74	16	48.8	13.64	
Franklin	72	14	44.7	10.67	
Gainesville	70	8	39.0	8.84	
Gillsville	71	5	40.3	10.77	
Greenbush	70	7	39.2	6.81	T.
Harrison	74	10	46.8	9.08	
Hawkinsville	75	13	46.2	8.90	
Hephzibah	.....	.....	.....	5.30	T.
Jesup	81	13	51.2	3.59	
Louisville	75	13	46.1	7.24	
Lumpkin	75	12	47.9	12.10	
Marshallville	73	13	47.4	10.72	
Mauzy	77	14	52.6	6.59	
Morgan	72	14	48.0	12.50	T.
Newnan	71	8	39.4	9.68	
Oakdale	.....	.....	.....	6.99	
Pelham	.....	.....	.....	7.36	
Piscola	76	16	53.5	7.42	
Point Peter	69	10	39.0	8.34	
Poulan	79	14	50.0	9.59	
Putnam	74	14	46.7	11.38	
Quitman	79	12	51.4	5.62	
Ramsey	73	10	42.3	6.66	T.
Resaca	.....	.....	.....	6.41	T.
Reynolds	.....	.....	.....	6.43	
Rome	72	10	41.0	7.42	T.
Talbotton	75	11	45.8	12.76	T.
Thomasville	74	16	52.7	6.51	
Toccoa	.....	8	.....	7.80	T.
Valona	79[e]	19	51.8[e]	4.49	
Washington	.....	.....	.....	9.31	T.
Waycross	79	15	50.6	3.51	
Westpoint	.....	.....	.....	10.81	
Idaho.					
Albion	54	0	31.8	2.44	16.5
American Falls	53	— 5	31.3	1.10	.....
Atlanta	47	—11	24.1	3.40	32.5
Blackfoot	49	3	28.6	0.20	2.0
Burnside	55	—14	21.5	0.20	2.0
Challis	55	— 4	29.5	0.80	6.0
Chesterfield	46	—26	19.6	1.41	21.0
Downey	47	—12	25.0	0.80	8.0
Fort Sherman	54	— 6	29.0	1.46	11.8
Garnet	65	16	39.8	0.40	.....
Gray	46	—15	22.2	2.10	21.0
Hagerman	64	6	38.4	1.40	1.0
Idaho City	76	— 5	30.3	2.50	15.5
Kootenai	50	—19	21.9	1.80	18.0
Lake	36	—20	20.2	1.40	14.0
Lakeview	51	0	31.2	2.56	10.0
Lewiston	59	3	39.1	0.92	6.0
Lost River	44	—12	21.2	0.15	1.0
Marysville	48	—29	20.1	0.51	5.1
Moscow	48	— 2	29.4	2.63	11.5
Murray	45	—11	27.4	3.80	29.0
Oakley	54	— 2	29.4	1.45	5.0
Ola	55	5	33.6	2.06	9.6

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.
Idaho—Cont'd.	°	°	°	*Ins.*	*Ins.*
Paris	47	−13	20.6	0.84	12.0
Payette	60	19	37.8	0.72	0.2
Pollock	58	6	36.4	0.68	0.4
Priest River	49	−10	27.4	1.81	14.2
St. Maries	51	− 9	31.5	2.33	12.2
Soldier	44	−14	22.4	1.01	6.2
Swan Valley	50	−22	22.5	1.32	13.3
Weston	49	2	29.6	0.39	4.0
Yellowjacket	.....	.....	.....	1.49	.....
Illinois.					
Albion	66	− 9	30.0	4.24	6.2
Alexander	63	− 5	25.1	3.46	20.7
Ashton	55	−14	17.4	2.47	19.0
Astoria	60	− 4	23.4	6.99	46.0
Aurora *a*	59	−10	19.5	3.72	16.7
Bloomington	62	− 6	23.4	5.94	27.5
Bushnell	58	− 5	21.8	.....	.....
Cambridge	50	− 5	18.3	3.04	18.1
Carlinville	65	− 2	27.0	4.70	10.5
Carlyle	.....	.....	.....	2.87	5.0
Centralia	66	− 2	29.8	3.54	3.5
Charleston	59	− 4	25.8	4.52	10.5
Chemung	56	−16	13.8	3.73	25.1
Chester	.....	.....	.....	3.94	10.1
Cisne	68	− 6	29.0	2.94	2.5
Coatsburg	63	− 6	22.8	5.73	33.8
Cobden	68	− 6	32.4	4.09	6.0
Danville	65	− 6	26.9	2.13	8.0
Decatur	63	− 5	25.0	5.89	15.8
Dixon	58	−10	17.4	1.86	9.0
Dwight	60	−10	21.5	4.50	18.0
Effingham	65	− 2	27.7	3.97	5.2
Elgin	59	−11	17.4	3.41	18.1
Equality	70	−10	32.6	4.22	9.0
Flora	62	− 5	28.8	3.17	4.9
Friendgrove *[1]	62	0	32.5	4.75	2.4
Galva	57	− 7	19.0	2.49	20.9
Glenwood *[1]	60	−10	19.8	2.72	13.0
Grafton	.....	.....	.....	4.52	10.0
Grayville	67	− 3	31.7	5.03	6.2
Greenville	64	− 1	27.9	4.86	13.0
Griggsville	61	− 5	24.5	6.01	30.8
Halfway	68	− 6	31.7	4.02	4.0
Halliday	60	−11	29.6	3.03	4.9
Havana	.....	.....	.....	5.54	23.3
Henry	60	− 7	21.2	3.67	16.5
Hillsboro	64	− 2	26.6	4.60	11.0
Joliet	59	− 7	20.6	4.29	19.2
Kishwaukee	55	−13	16.4	3.39	15.9
Knoxville	53	− 7	18.8	3.66	17.0
Lagrange	61	− 9	19.4	3.38	20.2
Laharpe	56	− 3	20.8	4.26	30.5
Lanark	50	−19	13.8	2.35	10.9
Loami	.....	.....	.....	3.52	15.0
McLeansboro	67	− 9	30.0	3.52	6.0
Martinsville	60	− 2	27.4	2.66	5.0
Martinton	63	− 8	22.2	4.56	19.8
Mascoutah	66	− 1	27.3	3.99	14.2
Mattoon	62	0	30.4	3.59	9.3
Minonk	62	− 8	21.0	4.45	28.0
Monmouth	53	− 6	19.4	2.92	14.4
Monticello *[5]	63	− 5	24.4	4.88	16.0
Morgan Park	.....	−12	.....	3.45	.....
Morrisonville	63	− 2	26.0	6.39	15.0
Mount Carmel	.....	.....	.....	4.41	7.5
Mount Pulaski	63	− 7	24.6	5.27	27.0
Mount Vernon	56	−10	26.3	2.94	7.8
New Burnside	69	− 5	32.8	3.36	10.5
Olney	59	− 4	29.2	2.99	3.2
Ottawa	60	− 7	21.8	4.53	24.0
Palestine	64	0	28.5	4.55	3.5
Pana	63	− 2	26.0	5.31	14.5
Peoria *a*	.....	.....	.....	5.35	26.5
Philo	64	− 7	23.6	4.13	13.0
Plumhill	68	− 6	29.2	3.69	8.7
Rantoul	63	− 8	23.4	2.48	18.6
Raum	66	− 5	32.8	4.17	9.5
Riley	56	−15	15.8	3.12	23.7
Robinson	67	− 1	27.9	3.69	4.5
Roundgrove	42	−14	15.2	2.56	14.3
Rushville	63	− 6	22.7	5.42	23.6
St. Charles *[1]	50	−10	17.0	4.67	23.7
St. John	60	− 9	31.4	4.19	2.0
Scales Mound	46	−14	14.2	2.05	10.8
Shobonier	67	− 1	28.6	3.91	2.0
Strawn	60	− 8	22.6	3.76	14.0
Streator	61	−10	21.0	3.54	.....
Sullivan	59	− 4	25.4	5.54	11.5
Sycamore	56	−12	15.7	3.00	18.0
Tilden	67	− 9	28.8	3.05	7.5
Tiskilwa	58	− 8	18.4	3.85	20.7
Tuscola	65	− 5	24.0	5.20	12.0
Walnut	58	− 8	20.1	2.78	17.7
Wheaton *[5]	46	− 7	18.2	4.09	26.5
Winchester	54	− 6	23.6	5.06	18.5
Winnebago	55	−15	13.2	3.22	26.0

Stations.	Temperature. (Fahrenheit.) Maximum.	Minimum.	Mean.	Precipitation. Rain and melted snow.	Total depth of snow.
Illinois—Cont'd.	°	°	°	*Ins.*	*Ins.*
Zion	49	−11	15.6	.....	.....
Indiana.					
Anderson	65	− 7	25.7	3.19	3.2
Angola	62	− 7	21.7	5.23	26.2
Auburn	65	− 7	23.4	5.00	.....
Bloomington	67	− 5	26.8	3.55	5.0
Bluffton	64	− 8	24.3	3.95	7.0
Butlerville	66	− 6	28.8	3.36	3.0
Cambridge City	65	− 9	25.9	3.58	1.8
Columbus	66	− 7	27.6	4.17	2.4
Connersville	65	− 8	26.4	3.77	1.0
Crawfordsville	51	− 7	25.6	3.51	.....
Culver	63	− 6	24.8	4.17	20.4
Delphi	67	− 7	22.0	4.30	13.5
Edwardsville	.....	.....	.....	4.07	6.2
Fairmount	65	−13	23.5	3.54	7.4
Farmland	65	− 7	25.5	4.03	3.5
Fort Wayne	65	− 8	23.6	5.11	25.0
Franklin *[1]	65	0	29.2	2.88	1.5
Greencastle	65	− 7	26.4	3.50	1.6
Greensburg	63	− 9	26.0	3.68	T.
Hammond	50	− 9	19.8	3.65	16.4
Hector	62	− 9	24.6	4.41	7.0
Huntington	65	− 6	23.8	4.82	24.5
Jeffersonville	67	0	31.8	3.42	5.0
Knightstown	62	− 7	25.3	3.89	3.0
Kokomo	64	− 6	24.7	3.16	8.4
Lafayette	66	− 9	23.6	2.79	9.1
Laporte	61	− 7	22.7	3.97	33.5
Logansport	65	0	23.4	2.55	.....
Madison *a*	68	− 4	31.2	3.33	5.3
Marengo	67	− 9	30.4	5.70	6.2
Marion	65	− 9	24.6	3.96	8.7
Markle	65	− 9	23.5	3.00	10.5
Mauzy	63	− 8	26.6	4.09	4.0
Mount Vernon	64	− 3	30.2	3.47	5.3
Northfield	65	− 9	24.5	3.11	4.0
Paoli	66	− 4	29.8	4.08	5.5
Peru	.....	.....	.....	2.62	5.0
Prairie Creek	64	− 5	28.2	3.85	1.5
Princeton	65	− 6	27.9	3.60	9.0
Richmond	65	− 7	26.6	3.87	T.
Rockport	67	− 3	32.8	4.29	6.5
Rockville	63	− 7	26.5	3.26	T.
Salem	65	− 5	28.8	4.01	10.8
Scottsburg	67	− 3	30.7	3.25	2.0
Seymour	68	− 5	27.6	5.10	2.5
Shelbyville	65	−11	27.6	4.03	1.5
South Bend	63	− 9	22.0	3.97	23.5
Syracuse	62	− 9	22.0	4.61	22.5
Terre Haute	62	− 3	27.4	3.43	1.0
Topeka	60	− 4	22.6	2.90	14.0
Valparaiso	60	− 8	21.2	2.75	17.5
Veedersburg	64	− 7	27.6	2.65	4.0
Vevay	65	− 4	29.3	5.00	8.0
Vincennes	67	0	27.2	3.60	1.5
Washington	65	− 1	31.2	2.22	T.
Winamac	65	2	24.4	2.45	1.9
Worthington	64	− 4	28.3	4.44	3.0
Indian Territory.					
Hartshorne	72	8	43.0	4.75	3.5
Healdton	70	9	42.3	1.06	T.
Lehigh	74	9	41.8	3.12	0.3
Muscogee	67	3	38.4	1.68	T.
Ryan	76	10	42.0	0.80	T.
Sapulpa	68	5	38.0	1.38	1.5
South McAlester	.....	.....	.....	2.85	4.3
Tahlequah	68	2	38.1	1.42	3.5
Tulsa	.....	.....	.....	1.22	.....
Wagoner	66	2	35.8	2.03	1.7
Webbers Falls	.....	.....	.....	2.56	1.5
Iowa.					
Afton	44	− 9	19.4	1.51	.....
Albia	47	−10	18.2	2.10	13.5
Algona *[1]	38	−20	11.0	1.15	11.5
Alta *a*	38	−16	10.8	1.38	16.4
Amana	45	− 9	16.8	1.61	7.1
Ames *b*	.....	−12	.....	0.45	6.1
Ames (near)	.....	.....	.....	1.06	7.2
Atlantic	44	−21	15.5	1.30	13.0
Audubon	45	−15	15.3	1.25	12.5
Bancroft	39	−22	11.1	0.90	9.0
Batavia	.....	.....	.....	1.60	16.0
Baxter	45	−14	15.2	1.15	10.5
Bedford	49	−12	18.6	1.21	7.0
Belknap	51	− 7	18.1	3.09	15.5
Belleplaine	40	−13	15.6	2.17	11.2
Bonaparte	55	− 8	19.5	3.65	14.0
Britt	39	−24	11.4	0.50	4.8
Buckingham	.....	.....	.....	1.37	13.7
Burlington	55	− 4	23.2	4.27	.....
Bussey	.....	.....	.....	2.02	13.0
Carroll	44	−18	13.0	1.28	13.5
Carson	.....	.....	.....	0.66	6.8
Cedarfalls	40	−19	12.4	.....	.....
Cedar Rapids	45	−10	16.4	1.03	7.4

Stations.	Temperature. (Fahrenheit.) Maximum.	Minimum.	Mean.	Precipitation. Rain and melted snow.	Total depth of snow.
Iowa—Cont'd.	°	°	°	*Ins.*	*Ins.*
Centerville	54	− 8	18.6	2.00	16.0
Chariton	52	− 9	18.1	1.85	12.0
Charles City	37	−22	11.1	1.16	11.0
Chillicothe	.....	.....	.....	2.80	16.0
Clarinda	49	−10	18.7	1.25	9.4
Clearlake	38	−24	10.6	1.10	11.0
Clinton	49	−10	17.1	2.78	14.5
College Springs	46	−13	18.3	1.10	10.4
Coon Rapids	42	−15	15.2	0.75	7.5
Corning	45	−11	17.0	0.23	5.0
Council Bluffs	47	−11	17.0	0.25	5.0
Cresco	37	−23	8.2	1.15	11.5
Cumberland	.....	.....	.....	0.73	6.2
Danville	.....	.....	.....	4.57	17.0
Decorah	38	−16	11.0	1.16	4.0
Delaware	40	−15	13.4	1.42	7.0
Denison	43	−27	13.4	0.45	5.0
Desoto	46	−10	16.8	1.17	9.0
Diagonal	44	−10	13.7	0.17	.....
Dows	38	−21	11.1	0.50	5.0
Eldon	55	−11	19.0	2.73	17.4
Elkader	42	−17	14.7	1.45	7.0
Emerson	.....	.....	.....	0.56	.....
Emmetsburg	.....	.....	.....	0.62	.....
Estherville	40	−25	10.8	0.49	5.9
Fairfield	46	− 8	19.2	3.28	8.0
Fayette	39	−18	12.8	1.21	7.0
Fonda	41	−21	9.6	2.31	18.0
Forest City	36	−24	10.8	0.65	6.5
Fort Dodge	45	−22	12.2	0.60	6.0
Fort Madison	.....	.....	.....	4.50	23.5
Galva	40	−17	14.6	0.80	.....
Gilman	.....	.....	.....	0.61	T.
Gladbrook	.....	.....	.....	0.53	5.0
Glenwood	49	−12	18.3	0.50	5.0
Grand Meadow *[1]	38	−10	13.0	1.85	5.0
Greene	38	−19	13.2	0.91	11.0
Greenfield	47	−12	16.4	0.88	7.2
Grinnell	48	−10	16.2	1.23	.....
Grinnell (near)	43	−12	15.2	1.47	14.5
Griswold	.....	.....	.....	0.18	.....
Grundy Center	40	−13	12.2	0.75	7.5
Guthrie Center	43	−18	16.0	1.05	9.6
Hamburg	.....	.....	.....	0.95	9.5
Hampton	40	−17	12.2	0.93	10.8
Harlan	43	−23	14.8	1.49	14.9
Hawkeye	.....	.....	.....	1.15	10.5
Hedrick	55	−10	17.4	1.66	9.0
Hopeville	47	−10	16.8	1.20	.....
Humboldt	38	−20	13.0	0.55	17.0
Independence	38	−18	12.4	0.70	7.0
Indianola	45	−12	17.8	0.79	5.9
Iowa City	48	−12	17.0	2.20	10.5
Iowa Falls	39	−15	12.2	1.35	7.0
Keosauqua	55	− 5	20.8	3.74	16.5
Knoxville	48	− 9	18.2	1.51	10.2
Lacona	.....	.....	.....	2.25	14.5
Lansing	41	−13	14.9	1.14	2.6
Larchwood	40	−16	13.9	0.22	2.2
Larrabee	43	−21	11.4	1.25	12.5
Leclaire	.....	.....	.....	2.09	9.3
Lemars	42	−16	13.1	1.10	12.0
Lenox	45	−12	16.8	0.56	4.9
Logan	47	−24	13.6	1.30	13.0
Maple Valley	.....	.....	.....	1.25	12.5
Maquoketa	49	−12	17.4	1.10	12.5
Marshalltown	42	−14	16.0	1.37	10.0
Mason City	37	−22	10.4	0.20	2.0
Monticello	44	−13	13.4	1.76	8.0
Mooar	59	− 4	19.8	2.80	.....
Mountayr	48	−10	17.5	1.70	13.8
Mount Pleasant	54	−11	16.4	2.64	.....
Mount Vernon *a* *[1]	46	−14	15.1	.....	.....
Mount Vernon *b*	45	−12	15.2	1.90	13.2
Murray	.....	.....	.....	1.00	10.0
New Hampton	37	−18	11.5	0.60	6.0
Newton	43	−13	15.0	1.86	7.0
North McGregor	.....	.....	.....	1.24	4.5
Northwood	34	−23	10.4	1.50	15.0
Odebolt	42	−19	14.8	1.19	11.5
Ogden	41	−22	13.9	1.09	10.0
Olin	45	−15	16.0	1.56	10.0
Onawa	44	−14	16.1	1.09	14.3
Osage	38	−23	10.1	1.33	13.3
Osceola	48	−10	16.6	1.67	.....
Oskaloosa	46	−12	16.4	1.71	8.3
Ottumwa	53	− 2	21.4	0.76	7.6
Ovid	52	−10	18.0	2.56	13.2
Pacific Junction	49	−17	17.0	0.88	8.8
Pella	38	−12	16.2	0.48	4.0
Plover	40	−18	13.2	1.10	11.0
Primghar	36	−20	8.8	0.60	6.0
Redoak	50	− 9	21.6	0.84	.....
Ridgeway	40	−20	13.8	1.52	7.8
Rockwell City	48	−14	13.3	1.05	10.5
Ruthven	47	−22	9.0	1.00	10.0

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.
Iowa—Cont'd.					
Sac City	42	—17	13.2	1.08	10.8
Scranton	40	—14	15.2	0.72	10.5
Sheldon	37	—21	10.3	0.75	7.5
Sibley	38	—20	10.8	0.45	3.5
Sigourney	52	—10	18.4	1.98	10.0
Sioux Center	39	—15	12.5	0.95	9.5
Spencer	38	—24	7.0	.....	.....
Spirit Lake	40	—19	10.6	0.65	6.5
Storm Lake	37	—15	11.1	0.85	11.9
Stuart	42	—12	15.3	0.60	6.0
Thurman	49	—14	18.3	2.53	24.3
Toledo	43	—13	15.4	0.98	.....
Villisca	48	—12	20.1	2.43	.....
Vinton *[1]	41	—10	16.0	0.85	8.5
Wapello	47°	— 6°	18.0°	2.79	10.8
Washington	52	—11	16.3	2.03	9.5
Washta	.....	.....	.....	1.30	13.0
Waterloo	40	—11	13.2	1.19	6.6
Waverly	41	—15	14.1	1.24	8.2
Webster City	40	—13	15.4	0.92	9.0
Westbend *[1]	38	—21	11.0	1.10	11.0
Westbranch	45	—12	16.0	1.06	2.2
West Union	.....	.....	.....	0.20	2.0
Whitten	40	—16	12.2	0.60	6.0
Wilton Junction	47	— 9	17.8	2.89	15.0
Winterset	45	—10	17.2	1.30	13.0
Woodburn	.....	.....	.....	2.33	13.0
Kansas.					
Abilene	56	— 1	27.0	2.40	24.0
Achilles	.....	.....	.....	1.40	14.0
Anthony	.....	.....	.....	1.58	4.0
Atchison *a*	59	— 4	23.5	2.14	16.5
Burlington	64	— 9	27.8	2.32	12.5
Campbell	53	— 7	23.2	1.28	9.0
Chanute	70	— 5	32.0	3.40	11.0
Coburn *[1]	60	— 2	25.0	3.15	21.5
Colby	63	—11	26.4	1.21	10.2
Columbus	65	— 6	30.0	3.50	13.0
Cunningham	61	— 6	30.0	0.90	9.0
Delphos	61	— 1	27.8	0.81	8.0
Dresden	60	—10	25.6	1.35	13.5
Ellinwood	60	— 3	27.5	2.37	22.5
Emporia	70	.....	.....	1.75	17.5
Englewood	70	— 6	31.9	1.40	13.0
Eureka	.....	.....	.....	1.71	12.0
Eureka Ranch	64	— 6	27.3	0.93	7.5
Fallriver	64	—10	29.7	2.39	7.0
Fanning	58	—10	23.0	2.22	.....
Frankfort	54	— 5	24.1	1.75	15.0
Garden City	67	— 5	31.1	0.88	8.8
Garfield	.....	.....	.....	1.19	11.7
Gove *[1]	62	— 2	28.8	0.95	8.5
Grenola	64	— 6	29.9	1.58	5.0
Hays	65	— 2	28.4	1.35	13.5
Horton	49	— 6	22.8	2.52	13.0
Hutchinson	64	— 3	31.7	1.95	17.5
Independence	66	— 2	31.0	2.79	6.2
Lakin	65	— 3	31.2	0.50	5.0
Lawrence	62	— 2	25.2	3.12	22.0
Lebanon	60	— 9	25.8	1.00	9.0
Lebo	62	— 7	26.0	2.05	11.0
Little River	63	— 3	27.5	1.48	14.8
Macksville	63	— 6	29.6	0.32	.....
McPherson	60	— 2	29.3	2.74	.....
Manhattan *b*	55	— 1	25.4	2.97	24.8
Manhattan *c*	55	— 3	25.7	3.00	27.2
Marion	59	—10	28.6	2.00	19.5
Meade	63	— 3	33.8	0.61	6.1
Medicine Lodge	66	0	32.1	1.16	4.8
Minneapolis	59	— 1	27.2	1.80	14.5
Moran	62	—11	27.5	1.17	9.8
Mounthope *[1]	56	— 2	28.3	1.85	7.0
Ness City	63	— 3	29.1	1.00	6.5
Newton	59	— 5	29.6	1.18	11.8
Norwich	66	— 1	32.0	1.20	.....
Oberlin	.....	.....	.....	1.60	13.0
Olathe	64	— 4	25.6	2.74	22.0
Osage City	60	— 8	25.4	2.33	17.2
Oswego	67	— 5	32.6	2.02	5.0
Ottawa	59	— 4	25.4	2.88	17.0
Phillipsburg	66	— 8	26.6	0.95	9.5
Pratt	61	— 5	31.0	.....	.....
Rome *[1]	61	1	31.8	1.35	4.0
Russell	63	— 4	28.0	1.70	13.8
Salina	62	— 2	26.6	2.51	23.2
Scott	62	— 8	27.4	1.30	13.0
Sedan	63	— 4	30.2	3.46	9.0
Seneca	54	— 5	21.4	1.23	9.8
Toronto	62	.....	.....	2.15	16.0
Tribune	60	— 7	28.2	0.30	3.0
Ulysses [f]	70	— 5	29.8	0.60	6.0
Valley Falls	60	— 5	24.0	3.83	21.1
Viroqua	68	— 1	33.0	0.80	8.0
Wakeeney (near)	.....	.....	.....	0.85	8.5
Wallace	.....	.....	.....	0.77	7.0
Wamego *[1]	54	— 1	23.9	3.79	37.9
Kansas—Cont'd.					
Winfield	65	1	31.4	1.94	5.0
Winona	.....	.....	.....	0.25	2.5
Yates Center	64	—13	27.5	2.85	14.8
Kentucky.					
Alpha *[3]	.....	2	35.2	6.62	8.2
Bardstown	69	— 1	32.0	4.72	7.0
Blandville	64	— 3	31.8	5.08	8.8
Bowling Green	68	— 1	33.3	5.30	7.5
Burnside	.....	.....	.....	5.01	7.0
Canton *[1]	70	2	36.6	2.69	4.6
Carrollton	66	— 2	29.6	2.86	2.5
Catlettsburg	76	— 7	32.0	3.61	5.0
Earlington	70	— 3	32.7	5.86	9.5
Edmonton	68	— 2	32.8	4.78	10.0
Eubank	69	— 3	31.5	5.31	15.0
Falmouth	.....	.....	.....	3.29	4.0
Fords Ferry	70	— 2	34.6	4.25	5.0
Frankfort	69	3	34.2	3.45	5.2
Franklin [5] *	64	4	34.8	6.08	5.5
Georgetown	61	— 4	31.8	.....	.....
Greensburg	69	— 3	31.0	4.85	7.5
Henderson	69	0	29.7	5.15	5.0
Hopkinsville	66	— 9	33.2	6.88	7.0
Irvington	67	— 3	32.0	4.43	5.7
Jackson	75	4	34.8	3.99	7.5
Leitchfield	66	— 5	30.8	6.48	10.2
Loretto	68	— 5	30.1	4.94	14.3
Marrowbone	70	— 9	32.7	5.63	9.0
Maysville	71	— 2	29.2	3.60	3.0
Mount Hermon	66	— 4	33.0	5.08	6.5
Mount Sterling	69	— 1	30.8	5.82	11.0
Owensboro	69	— 1	34.1	4.41	6.6
Owenton	68	— 6	29.9	4.78	7.5
Paducah *a*	.....	.....	.....	5.61	6.2
Paducah *b*	69	0	35.1	5.78	8.7
Pikeville	62	1	32.6	3.97	6.3
Princeton	70	— 6	32.8	6.18	7.5
Richmond	70	— 5	30.9	3.29	6.1
St. John	67	— 7	32.1	5.59	7.3
Scott	66	— 6	29.2	2.79	6.9
Shelby City	69	— 5	30.8	5.08	6.0
Shelbyville	69	— 4	31.6	4.53	8.0
Vanceburg	73	0	28.4	2.45	5.0
Warfield [4]	72	0	34.2	4.21	10.5
Williamsburg	72	1	37.0	4.55	4.0
Louisiana.					
Abbeville	78	24	52.2	6.35	
Alexandria	80	16	50.6	7.20	
Amite	78	15	51.2	12.60	T.
Bastrop	76	13	47.4	5.94	T.
Baton Rouge	81	20	50.8	7.01	
Calhoun	75	13	44.4	4.77	
Clinton	78	18	51.8	9.98	0.2
Como	78	11	46.6	7.22	T.
Donaldsonville	78	18	52.4	9.30	
Emilie	75	21	51.2	6.71	T.
Farmerville	73	11	44.8	3.71	T.
Franklin	76	21	51.6	5.06	T.
Grand Coteau	77	19	51.0	5.79	T.
Hammond	79	17	52.4	7.42	T.
Houma	79	19	53.8	5.53	
Jeanerette	78	19	50.2	5.53	
Jennings	78	17	51.1	8.28	
Lake Charles	76	20	52.0	6.10	
Lake Providence	73	12	47.6	6.28	T.
L'Argent	78	16	49.5	6.83	T.
Lawrence	78	22	53.2	7.87	
Libertyhill	77	12	46.8	6.54	T.
Mansfield	75	12	46.6	3.84	T.
Melville	81	18	50.8	8.85	T.
Minden	75	12	45.4	3.11	
Monroe	76	13	46.6	5.92	
Montgomery [g]	70	16	44.1	3.72	
New Iberia	74	21	50.1	7.90	
Oakridge	76	13	44.9	10.39	
Opelousas	82*	20	48.4°	5.76	T.
Oxford	75	11	47.6	6.31	0.2
Paincourtville	80	21	53.6	6.44	T.
Plain Dealing	72	10	45.6	4.88	T.
Plaquemine	80	20	51.5	6.60	T.
Prevost	79	16	52.5	8.31	
Rayne	78	20	52.6	6.91	
Robeline	75	22	52.0	6.25	
Ruston	75	12	45.5	5.70	
Schriever	79	18	52.4	6.99	
Shellbeach	75	19	50.8	6.51	
Southern University	78	19	51.2	6.32	
Sugar Ex. Station	76	24	51.9	6.27	
Sugartown	75	18	50.8	8.92	
Venice	77	25	56.0	4.10	
Wallace	79	21	53.4	7.14	T.
White Sulphur Springs	75	17	52.4	6.86	
Maine.					
Bar Harbor	48	—11	18.2	6.20	20.0
Belfast *[6]	46	— 8	23.4	8.19	17.0
Bemis	44	—20	14.0	5.96	35.5
Maine—Cont'd.					
Calais	53	—16	21.6	7.85	41.0
Carmel	46	—13	22.2	5.01	.....
Cornish *[1]	44	—11	20.6	9.76	36.0
Fairfield	50	—16	19.8	7.00	21.0
Farmington	47	—23	18.0	10.76	29.3
Flagstaff	45	—23	14.8	5.40	36.5
Gardiner	49	—10	21.2	8.96	23.2
Kineo	40	—30	13.7	3.47	34.8
Lewiston	48	— 9	20.4	8.69	37.0
Mayfield	43	—18	16.8	7.39	24.0
North Bridgton	48	—15	21.0	9.06	30.0
Orono	50	—21	20.5	6.75	23.0
Petit Menan *[1]	40	— 7	23.4	.....	.....
Rumford Falls	44	—23	17.1	7.96	27.8
Winslow	53	—16	20.7	6.27	18.0
Maryland.					
Annapolis	64	5	34.0	6.00	15.0
Bachmans Valley	56	0	28.8	8.22	12.0
Boettcherville	66	— 5	31.7	2.58	4.0
Boonsboro *a*	60	2	30.8	3.50	10.0
Cambridge	68	11	37.6	.....	.....
Charlotte Hall	70	3	34.2	4.44	8.0
Chase	60	— 3	32.0	6.02	14.0
Chewsville	61	— 4	31.2	3.82	8.0
Clearspring	54	2	28.2	4.17	6.0
Coleman	66	.....	.....	5.64	11.0
Collegepark	64	4	33.0	5.69	9.0
Cumberland	59	6	30.1	2.28	2.5
Darlington	61	3	31.2	5.42	11.0
Deerpark	72	—15	24.4	3.29	17.0
Denton	65	5	36.9	4.39	14.5
Easton	65	7	33.7	4.89	10.0
Ellicott City	65	2	30.8	6.61	13.0
Fallston	61	4	31.4	5.57	11.8
Frederick	57	6	32.4	4.62	10.0
Frostburg	63	— 4	28.2	.....	.....
Grantsville	69	—10	24.1	3.88	10.0
Greatfalls	67	— 2	30.6	4.56	.....
Greenspring Furnace	53	— 1	30.0	.....	.....
Hagerstown	56	0	30.6	4.14	6.0
Hancock	57	0	29.3	3.32	6.0
Harney	.....	.....	.....	5.00	6.0
Jewell	67	4	34.5	5.60	15.0
Johns Hopkins Hospital	66	5	30.9	6.45	21.0
Laurel	70	3	33.2	6.12	16.0
McDonogh	62	3	31.6	4.63	14.0
Mount St. Marys Coll	59	1	29.2	4.91	8.0
Newmarket	56	3	30.3	4.10	14.0
Pocomoke	66	10	39.6	3.98	.....
Princess Anne	67	5	35.3	3.76	10.5
Queenstown	63	7	33.5	5.58	14.0
Rockhall *b*	61	5	33.8	4.91	10.0
Sandy Point	60	9	38.0	.....	.....
Sharpsburg	60	4	31.6	3.81	8.5
Smithsburg *a*	60	— 3	30.3	3.59	6.0
Smithsburg *b*	63	— 1	30.0	4.18	6.8
Solomons	62	9	35.4	3.51	9.0
Sudlersville	65	5	35.1	6.39	14.0
Sunnyside	72	—15	23.2	5.28	13.0
Takoma Park	67	4	33.4	6.49	17.5
Taneytown	55	4	29.7	4.21	7.2
Van Bibber	58	5	30.3	5.82	.....
Westernport	60	3	27.8	3.60	4.2
Westminster	58	3	30.4	5.08	11.0
Woodstock	68	5	31.9	4.39	19.7
Massachusetts.					
Amherst	56	— 6	25.3	8.56	7.0
Attleboro	.....	.....	.....	8.99	.....
Bedford	56	— 5	26.0	8.05	7.0
Bluehill (summit)	56	— 8	26.5	6.82	12.0
Cambridge	59	— 4	27.9	8.18	.....
Chestnuthill	59	— 4	28.0	8.74	10.0
Cohasset	.....	.....	.....	6.17	.....
Concord	59	— 5	26.0	6.11	7.3
Dudley *[1]	55	— 5	26.6	6.00	8.0
East Templeton *[1]	53	— 9	23.1	6.90	9.0
Fallriver	52	— 2	24.0	5.86	6.0
Fiskdale	.....	.....	.....	7.75	6.0
Fitchburg *a* *[1]	54	— 8	23.8	7.15	9.0
Fitchburg *b*	57	— 8	24.0	8.96	10.2
Framingham	58	— 5	27.5	8.82	.....
Groton	55	— 7	23.4	9.51	13.5
Hyannis *[1]	50	— 2	29.6	4.74	9.0
Jefferson	.....	.....	.....	8.60	14.2
Lawrence	59	— 5	26.8	8.17	6.0
Leeds	54	—14	24.0	8.70	12.5
Leominster	.....	.....	.....	9.03	9.2
Lowell *a*	58	— 5	26.3	10.12	.....
Lowell *b*	59	— 6	25.8	.....	.....
Ludlow Center	44	—12	22.0	8.03	6.0
Middleboro	56	— 3	27.4	5.80	7.1
Monson	68	— 9	25.2	7.58	11.0
New Bedford *a*	52	2	30.8	4.62	8.0
New Salem	54	—13	22.6	7.82	10.9
Pittsfield	52	—10	22.2	6.80	3.0
Plymouth *[1]	55	— 4	29.2	5.37	8.0

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.*
***Massachusetts*—Cont'd.**					
Princeton	.....	.....	.....	8.59	13.5
Provincetown	51	0	30.8	3.58	.....
Salem	.....	.....	.....	6.62	9.5
Somerset *[1]	58	− 6	30.0	6.25	8.5
South Clinton	.....	.....	.....	8.81	8.0
Springfield Armory	58	− 2	27.4	8.69	12.0
Sterling	.....	.....	.....	8.76	13.0
Taunton *c*	56	− 6	28.0	7.56	.....
Webster	.....	.....	.....	7.66	12.5
Westboro	58	− 5	27.2	8.20	6.5
Weston	59	− 5	27.8	8.17	8.1
Williamstown *[1]	52	− 2	23.9	3.46	9.0
Winchendon	.....	.....	.....	6.19	12.0
Worcester *b*	59	− 8	25.8	7.45	6.0
Michigan.					
Adrian	64	− 7	20.1	3.26	21.5
Agricultural College	62	−14	17.4	3.44	25.4
Allegan	53[d]	− 2[d]	24.1[d]	3.25	17.5
Alma	60	−14	17.3	3.59	27.0
Ann Arbor	63	− 7	19.3	3.71	20.8
Arbela	64	−15	17.2	3.00	18.0
Baldwin	51	−25	15.2	1.45	2.5
Ball Mountain	60	−11	18.4	3.84	25.9
Battlecreek	60	− 9	20.2	3.66	26.3
Bay City	62	−12	17.6	2.94	15.5
Berlin	60	−17	17.2	3.93	30.1
Berrien Springs	62	− 2	21.5	8.00	65.5
Big Rapids	56	−17	16.0	2.38	7.5
Boon	54	−19	12.5	2.52	17.3
Calumet	33	−13	9.2	1.58	19.5
Carsonville	60	−17	17.1	3.35	18.5
Charlevoix	50	−11	17.3	2.25	16.5
Cheboygan	51	−17	15.2	1.45	13.0
Clinton	62	−10	20.8	3.80	25.5
Coldwater	62	− 6	21.0	3.84	20.6
Eagle Harbor	33	−13	10.2	3.30	33.0
East Tawas	52	−13	17.2	.....	.....
Eloise	65	− 5	21.0	4.19	23.5
Fairview	61	− 7	19.6	4.24	27.2
Fitchburg	64	−11	18.2	4.38	33.0
Flint	63	−17	18.2	2.31	17.0
Frankfort	42	− 2	17.8	2.82	20.2
Gladwin	59	−19	15.9	2.80	11.0
Grand Rapids	59	− 1	20.8	4.60	35.5
Grape	65	− 4	21.4	3.90	18.6
Grayling	55	−23	12.0	3.45	19.5
Hanover	62	−10	18.9	3.53	23.5
Harbor Beach	60	−15	18.5	2.37	14.7
Harrison	56	−19	15.1	2.05	20.5
Harrisville	55	−17	15.8	4.19	23.2
Hart	57	− 3	19.6	3.46	22.5
Hastings	60	−14	18.8	3.66	28.5
Hayes	63	−29	17.2	4.68	21.0
Highland Station	.....	.....	.....	4.41	26.0
Hillsdale	62	− 6	20.4	4.09	25.0
Howell	62	−13	19.2	2.20	15.0
Humboldt	32	−38	−0.8	0.44	4.5
Ionia	60	−10	17.6	3.30	23.0
Iron Mountain	37	−19	9.0	1.40	14.6
Iron River	35	−32	2.4	1.50	15.0
Ishpeming	35	−23	6.4	2.35	23.5
Ivan	54	−13	13.8	2.10	19.0
Jackson	64	− 7	20.5	3.45	21.5
Jeddo	59	−14	17.6	4.34	28.2
Kalamazoo	58	− 6	20.1	3.00	24.0
Lake City	54	−18	14.3	2.20	12.0
Lansing	62	− 8	18.7	2.84	24.0
Lapeer	61	−19	19.3	3.25	23.5
Lathrop	36	−27	7.9	1.25	10.5
Lincoln	.....	.....	.....	0.80	8.0
Ludington	57	− 6	18.8	3.15	13.5
Luzerne	57	−20	13.1	2.22	13.0
Mackinaw	48	−20	13.9	2.35	13.0
Madison	62	− 7	20.9	4.34	21.0
Mancelona	52	−16	12.8	2.96	20.0
Manistee	55	− 4	18.4	3.65	19.0
Manistique	38	−10	13.2	2.46	8.5
Menominee	32	−12	10.2	.....	.....
Midland	60	−19	17.1	1.48	14.8
Mottville	62	− 9	19.7	3.77	15.1
Mount Clemens	60	− 8	19.2	3.80	19.0
Mount Pleasant	60	−15	17.9	2.64	18.0
Muskegon	57	− 1	19.4	3.15	16.0
Newberry	36	−25	10.6	0.60	5.0
Northport	44[c]	− 1[d]	17.6[c]	2.15	18.5
Old Mission	50	− 6	16.8	2.60	16.0
Olivet	60	− 8	19.2	3.74	28.9
Omer	58	−20	14.8	.....	.....
Ovid	63	−12	18.2	2.78	20.0
Owosso	63	−10	18.1	3.50	25.0
Petoskey	50	−18	15.1	2.96	19.0
Plymouth	63	−11	19.6	4.45	24.0
Port Austin	63	−20	18.4	3.15	14.0
Reed City	55[d]	−15	15.2	1.48	7.0
Rogers	60	−15	15.2	2.57	16.0
Saginaw	63	−11	18.6	3.72	24.5
***Michigan*—Cont'd.**					
St. Ignace	44	−21	12.8	1.60	8.0
St. Johns	61	− 9	19.0	3.80	28.5
St. Joseph	62[d]	− 3	24.2	5.74	33.5
Sidnaw	37	−38	6.0	2.30	23.0
Somerset	62	− 8	18.3	5.15	27.0
South Haven	61	8	24.4	4.70	33.5
Thomaston	33	−38	4.2	.....	.....
Thornville	60	−20	18.6	3.47	25.5
Traverse City	42	− 5	17.9	3.00	30.0
Vandalia	61	− 9	20.4	5.23	32.6
Vassar	63	−22	19.0	2.80	18.5
Wasepi	62	− 9	20.2	4.39	23.0
Waverly	59	−15	18.1	3.79	22.0
Wetmore	35	−29	8.4	5.31	46.0
Whitecloud	55	−10	17.4	2.55	10.5
Ypsilanti	62	− 5	20.4	4.65	26.5
Minnesota.					
Ada *g*	30	−29	0.0	0.21	2.0
Albert Lea	33	−21	8.8	1.30	13.0
Alexandria	33	−23	4.8	0.21	2.1
Ashby	37	−23	4.6	0.68	8.5
Beardsley	42[c]	−24[c]	6.1[c]	0.49	3.0
Bemidji	.....	−26	.....	0.30	3.5
Bird Island	36	−20	6.1	0.62	6.2
Blooming Prairie	39	−25	10.2	0.65	6.5
Brainerd	33	−24	−2.4	0.30	3.2
Caledonia	39	−20	9.2	0.77	5.8
Camden	46	−21	8.7	0.18	2.5
Collegeville	35	−15	9.0	0.30	3.3
Crookston	37	−26	2.2	0.60	7.5
Deephaven	.....	.....	.....	0.18	1.8
Detroit City	38	−34	−3.2	0.61	6.4
Faribault	38	−28	8.7	0.35	7.2
Farmington	35	−26	5.7	0.75	8.5
Fergus Falls	36	−25	4.6	0.53	7.0
Glencoe	36	−22	9.3	0.20	2.0
Grand Meadow	36	−24	9.0	1.07	12.5
Hallock	32	−37	−3.8	0.41	4.1
Lake City	39	−26	9.1	0.85	8.5
Lakeside	38	−20	8.0	0.29	3.8
Lake Winnibigoshish	36	−25	1.6	0.43	5.0
Leech	36	−35	−1.4	0.32	3.9
Leroy	40	−23	11.0	1.03	10.2
Long Prairie	33	−25	4.0	0.31	4.2
Luverne	40	−16	12.2	0.17	1.7
Lynd	47	−22	7.4	0.17	2.2
Mapleplain *[1]	36	−23	7.0	0.97	11.2
Milaca	38	−28	6.2	0.40	4.0
Milan	40	−30	5.0	0.82	8.2
Minneapolis *a*	35	−21	6.2	1.00	10.0
Minneapolis *b*[1]	36*	−24	8.4	0.61	6.5
Minnesota City	.....	.....	.....	1.00	9.0
Montevideo	43	−25	5.4	0.75	8.5
Morris	36	−20	7.2	0.70	4.1
Mount Iron	35	−27	0.6	0.21	.....
Newfolden	36	−33	−3.8	0.40	4.5
New London	35	−26	4.2	0.64	5.7
New Richland *[1]	36	−24	11.4	.....	.....
New Ulm	38	−19	8.1	0.58	6.0
Park Rapids	33	−30	1.2	0.41	4.1
Pine River	34	−25	2.1	0.24	8.4
Pipestone	38	−17	10.2	0.20	2.2
Pleasant Mounds	36	− 22	10.6	0.53	5.5
Pokegama Falls	37	−41	−2.4	0.31	4.2
Redwing	.....	.....	.....	1.21	15.0
Reeds	.....	.....	.....	1.22	6.5
Rolling Green	38	−17	8.7	1.00	10.0
St. Charles	39	−27	7.9	1.15	12.0
St. Cloud	39	−24	6.8	0.45	4.5
St. Peter	36	−20	11.0	0.37	3.7
Sandy Lake Dam	35	−28	1.8	0.26	4.4
Shakopee	35	−25	9.0	0.90	9.0
Tower	31	−42	1.4	0.50	5.0
Two Harbors	42	−22	7.8	0.27	2.5
Wabasha *[1]	40	−21	9.9	1.33	13.5
Willmar	36	−24	6.4	0.66	3.5
Willow River	36	−35	4.4	0.22	3.6
Winnebago City	37	−20	10.9	0.55	5.5
Worthington	38	−16	8.8	0.34	3.4
Zumbrota *[1]	38	−25	9.8	.....	.....
Mississippi.					
Aberdeen	68	8	38.0	1.33	T.
Americus	76	16	52.1	11.96	T.
Batesville	69	6	38.5	7.01	
Bay St. Louis	72	18	49.9	9.86	T.
Biloxi	70	19	52.4	9.87	T.
Booneville	69	6	39.8	4.59	T.
Brookhaven	76	10	43.2	8.40	T.
Canton	77	12	47.2	4.70	
Columbus *a*	.....	.....	.....	5.13	T.
Columbus *b*	73	14	41.9	3.80	T.
Corinth	.....	6	.....	3.99	
Crystalsprings	75	13	47.4	6.15	
Edwards	75	13	47.4	4.38	
Fayette	75	15	48.2	8.20	T.
Greenville *a*	71	10	42.6	5.06	T.
***Mississippi*—Cont'd.**					
Greenville *b*	75	12	43.3	5.44	T.
Hattiesburg	77	17	48.7	11.41	T.
Hernando	70	6	38.0	5.49	
Jackson	69	15	41.6	5.08	
Kosciusko	73	11	45.8	5.30	T.
Lake	72	10	45.3	8.64	
Leakesville	74	14	50.3	12.12	T.
Logtown	75	18	51.6	7.61	
Louisville	74	8	43.2	6.17	T.
Macon	74	13	43.0	5.07	
Magnolia	76	16	49.8	9.29	T.
Natchez	80	18	50.3	7.70	
Okolona[e]	75	10	40.4	2.34	
Palo Alto	74	11	43.0	5.93	T.
Pontotoc	70	6	41.4	4.10	1.0
Port Gibson	78	16	48.8	5.51	
Ripley	66	6	39.8	6.05	T.
Stonington *[1]	76	16	48.2	.....	T.
Thornton	.....	.....	.....	5.60	
Tupelo	.....	.....	.....	4.27	
University	70	6[c]	42.5	6.30	T.
Watervalley	70	14	46.8	5.36	T
Waynesboro	80	16	49.0	8.71	T.
Windham	73	16	47.9	11.88	T.
Woodville	77	15	49.0	8.10	T.
Yazoo City	75	12	44.0	5.23	T.
Missouri.					
Appleton City	63	− 7	27.9	1.70	12.3
Arlington	.....	.....	.....	3.75	13.5
Arthur *[3]	.....	− 6	25.9	2.48	16.0
Avalon	60	− 6	22.7	5.19	29.0
Bethany	54	− 5	20.6	3.11	19.0
Birchtree	67	− 6	30.9	6.80	8.0
Boonville	.....	.....	.....	6.77	16.5
Brunswick	60	− 3	21.2	5.29	30.0
Carrollton	59	− 2	24.2	4.42	35.0
Conception	50	− 6	21.2	1.75	15.0
Cook Station	65	− 7	29.4	3.75	14.5
Cowgill *[5]	52	− 6	22.6	3.50	19.5
Darksville	57	− 7	21.2	4.30	31.5
Downing	.....	.....	.....	3.20	12.8
East Lynne *[3]	.....	− 4	24.6	3.22	20.7
Edgehill *[5]	56	0	28.2	4.64	7.5
Edwards	64	−11	27.8	3.61	25.9
Eightmile *[1]	61	− 5	26.3	3.05	14.5
Eldon	63	− 6	27.2	4.61	34.0
Elmira	61	− 7	23.0	2.56	18.0
Fairport	.....	.....	.....	1.89	13.7
Fayette	56	− 5	23.1	4.09	24.5
Fulton	63	− 3	26.2	3.59	13.5
Galena	.....	.....	.....	3.39	8.1
Gallatin *[1]	59	− 5	21.9	3.80	12.8
Gayoso	66	0	36.7	5.61	3.5
Glasgow	60	− 5	23.0	4.61	24.0
Gorin	.....	.....	.....	4.72	23.2
Halfway	65	−13	29.8	4.24	13.0
Harrisonville	64	− 4	23.0	4.21	19.1
Hazlehurst	.....	.....	.....	3.63	14.5
Hermann	.....	.....	.....	3.55	17.0
Houston	65	− 7	31.3	3.26	13.0
Houstonia (near)	.....	.....	.....	4.61	26.9
Irena	.....	.....	.....	1.82	11.0
Ironton	66	− 6	28.6	5.72	11.0
Jackson *[3]	59	− 4	29.4	4.79	10.2
Jefferson City	55	2	25.8	3.73	15.0
Kidder	59	− 6	21.4	3.73	18.2
Lamar	64	− 7	31.2	2.75	14.5
Lamonte	.....	.....	.....	3.06	17.9
Lebanon	55	− 9	28.6	3.49	14.0
Lexington	67	− 4	25.4	5.18	26.0
Liberty	60	− 4	23.3	4.25	19.3
Louisiana	60	− 4	26.7	5.45	27.1
McCune *[1]	59	− 5	24.6	5.73	31.5
Macon	59	− 6	23.8	4.87	26.2
Marblehill	69	− 9	31.4	5.42	8.2
Marshall	60	− 7	22.4	4.53	25.7
Maryville	48	− 9	17.0	2.03	11.8
Mexico	60	− 5	24.6	4.79	29.6
Miami *[5]	60	− 4	22.6	6.44	36.2
Mineralspring	62	−10	31.2	2.16	4.0
Montreal	62	− 9	28.0	3.91	17.0
Mount Vernon	62	− 6	30.6	1.10	7.5
Neosho	67	− 4	32.6	2.20	9.0
Nevada *[3]	62	− 6	24.2	3.07	16.5
New Haven	62	− 1	26.8	3.30	11.0
New Palestine	60	− 4	26.6	2.86	16.3
Oakfield	63	− 3	28.8	4.95	12.2
Olden	65	−10	30.2	6.54	8.0
Oregon *a*	60	− 6	21.6	3.25	18.0
Oregon *b*	58	− 6	22.4	2.71	17.2
Palmyra *[5]	56	− 4	23.3	4.02	27.5
Phillipsburg *[1]	63	−11	28.6	2.40	8.1
Pickering *[3]	44	− 6	18.1	1.85	8.6
Poplarbluff	70	− 4	33.5	4.85	5.0
Potosi	65	−11	27.6	7.13	19.0
Princeton	54	− 5	20.1	2.53	17.5

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

Stations.	Temperature. (Fahrenheit.) Maximum.	Minimum.	Mean.	Precipitation. Rain and melted snow.	Total depth of snow.
Missouri—Cont'd.	°	°	°	*Ins.*	*Ins.*
Richmond	59	— 3	23.6	4.85	26.0
Rockport	.....	.....	.....	1.50	11.5
Rolla	.....	.....	.....	4.43	15.6
St. Charles	64	— 2	27.5	5.03	24.0
St. Joseph	.....	.....	....	1.67	6.5
Sarcoxie *[8]	.....	—12	26.0	1.78	11.0
Sedalia	65	— 8	26.1	3.17	20.0
Seymour	60	—10	28.4	3.16	6.0
Shelbina	.....	.....	.....	5.35	23.5
Sikeston	68	— 1	34.2	4.71	5.5
Steffenville	65	— 7	23.2	6.07	36.5
Sublett	58	— 8	18.6	5.76	25.0
Trenton	56	— 4	21.9	3.45	17.0
Unionville	57	— 5	21.1	.....	.....
Vichy	64	— 7	28.8	3.20	13.8
Warrensburg	60	— 6	25.5	4.81	21.4
Warrenton	63	— 3	23.3	3.78	13.9
Wheatland	.....	.....	.....	4.27	20.2
Willowsprings	64	—10	30.4	4.15	6.0
Windsor	60	—16	26.4	3.25	22.0
Wylie	66	— 5	34.6	1.54	3.5
Zeitonia	67	— 4	32.2	4.23	6.5
Montana.					
Adel	45	—43	18.6	1.20	12.0
Billings	50	—20	23.2	.....	.....
Boulder	50	—28	22.2	0.75	7.5
Bozeman	46	—24	20.4	1.60	16.0
Butte	46	—18	23.0	1.05	10.5
Canyon Ferry	50	—25	22.8	0.50	6.6
Chinook	50	—34	12.3	0.85	8.5
Columbia Falls	47	—16	22.8	.....	.....
Corvallis	64	—26	27.9	0.45	4.5
Crow Agency	52	—27	22.0	0.51	12.0
Dearborn Canyon	50	—27	20.9	1.80	18.0
Deerlodge	48	—27	25.7	0.13	1.3
Dell	45	—31	17.4	0.65	6.5
Dillon	56	—30	26.8	0.31	2.7
Ekalaka	43	—26	15.6	0.66	6.6
Fort Benton	60	—18	21.4	0.30	3.0
Fort Logan	47	—29	19.6	0.54	4.6
Glasgow	46	—38	8.0	0.54	.....
Glendive	48	—25	14.2	0.70	7.0
Glenwood	45	—30	21.3	1.20	.....
Greatfalls	48	—24	21.7	0.77	6.2
Harlem	56	—37	13.2	.....	.....
Kipp	48	—31	16.8	1.00	10.0
Lewiston	48	—30	18.0	0.50	5.0
Livingston	47	.....	.....	0.14	1.2
Manhattan	51	—30	23.3	0.40	4.0
Martinsdale	47	—30	21.8	0.70	7.0
Marysville	42	—27	18.2	1.70	17.0
Missoula	45	— 8	26.0	0.37	4.2
Ovando	43	—35	19.3	2.24	18.9
Parrot	52	—19	24.8	0.20	2.0
Plains	47	—16	27.0	0.80	8.0
Poplar	45	—34	8.7	0.30	3.0
Redlodge	52	—32	17.6	1.50	15.0
St. Pauls	48	—30	17.5	1.00	10.5
Troy	53	— 8	29.1	1.05	2.0
Twin Bridges	53	—22	22.3	.....	.....
Utica	48	—31	20.4	0.35	4.0
Wibaux	45	—29	14.8	0.20	2.0
Yale	46	—21	21.4	0.35	3.5
Nebraska.					
Agee	.....	.....	.....	1.04	6.0
Albion	51	—24	17.3	0.90	9.0
Alliance	.....	.....	.....	1.15	9.0
Alma	58	—12	23.6	1.72	16.2
Ansley	61	—23	19.5	1.25	12.5
Arapaho	.....	.....	.....	1.10	11.0
Arborville *[1]	52	—16	19.0	0.40	4.0
Ashland *a*	48	—16	18.7	0.62	3.5
Ashland *b* *[1]	45	—10	19.6	0.59	6.2
Ashton	.....	.....	.....	1.07	10.0
Auburn	50	—13	20.6	1.48	13.0
Aurora *[1]	52	—11	19.6	1.32	13.5
Bartley	.....	.....	.....	1.15	10.5
Beatrice	49	—13	21.0	0.75	5.0
Beaver	64	—17	25.4	1.41	11.5
Bellevue	.....	.....	.....	0.71	7.1
Benedict	.....	.....	.....	0.60	6.0
Benkleman	.....	.....	.....	1.00	10.0
Blair	46	—12	13.9	0.64	7.9
Bluehill	.....	.....	.....	0.90	9.0
Brokenbow *[1]	60	— 9	25.9	1.03	10.3
Burchard	.....	.....	.....	0.55	5.5
Burwell	.....	.....	.....	1.55	15.5
Callaway	62	—22	19.9	1.57	11.0
Camp Clarke	53	—17	22.8	1.20	12.0
Central City	.....	.....	.....	0.86	8.6
Chester	.....	.....	.....	1.11	.....
Clatonia	50	—15	18.0	0.97	9.7
Cody	.....	.....	.....	0.50	5.0
Columbus	53	—18	18.0	0.57	6.0
Creighton *[1]	.....	.....	.....	0.90	9.0
Crete	50	— 8	21.0	0.95	7.8

Stations.	Temperature. (Fahrenheit.) Maximum.	Minimum.	Mean.	Precipitation. Rain and melted snow.	Total depth of snow.
Nebraska—Cont'd.	°	°	°	*Ins.*	*Ins.*
Culbertson	.....	.....	.....	1.72	15.7
Curtis	.....	.....	.....	2.40	21.0
David City	50	—14	17.0	0.80	8.0
Dawson	52	— 8	22.4	0.89	7.5
Eden	.....	.....	.....	1.30	11.5
Edgar *a*	.....	.....	.....	0.90	9.0
Elba	.....	.....	.....	1.50	15.0
Ericson	.....	.....	.....	1.30	13.0
Ewing	.....	.....	.....	1.15	11.5
Fairbury	50	—12	21.0	1.19	9.0
Fairfield	65	—17	23.0	1.25	12.5
Fairmont	52	—17	18.4	1.42	12.2
Fort Robinson	56	—20	21.0	1.14	11.4
Franklin	65	—13	22.8	1.42	14.0
Fremont	49	—18	17.2	1.10	11.0
Geneva	49	—15	18.6	1.28	12.5
Genoa	55	—21	17.8	0.58	6.5
Gering	57	—19	23.2	1.78	17.8
Gordon	.....	.....	.....	0.35	.....
Gothenburg	62	—16	23.8	1.70	15.0
Grand Island *a*	.....	.....	.....	0.84	8.4
Grand Island *b*	56	—17	21.3	1.05	10.2
Grand Island *c*	57	—15	19.4	0.47	3.8
Greeley	.....	.....	.....	1.70	17.0
Halgler	.....	.....	.....	0.70	7.0
Hartington	47	—17	10.8	1.60	16.0
Harvard	53	—15	20.8	0.93	9.3
Hastings *[1]	56	—11	21.9	1.30	13.0
Hayes Center	.....	.....	.....	1.67	16.7
Hay Springs	49	—20	21.5	0.20	1.5
Hebron	55	—13	21.7	1.24	11.5
Hickman	.....	.....	.....	0.95	9.5
Holdrege *[1]	56	—22	26.0	1.61	16.1
Hooper *[1]	44	—17	16.4	1.17	11.7
Imperial	65	—18	26.6	2.24	18.4
Johnstown	.....	.....	.....	0.85	8.5
Kearney	.....	.....	.....	0.65	6.5
Kennedy	57	—19	21.6	1.08	11.0
Kimball	56	—13	25.6	1.30	13.0
Kirkwood *[1]	59	—18	16.5	0.75	7.5
Lexington	62	—23	24.0	1.55	15.5
Lincoln *d*	49	—14	20.2	0.69	6.9
Lodgepole	61	—16	26.3	0.90	9.0
Loup	.....	.....	.....	0.53	6.0
Lynch	56	—18	17.8	0.25	2.0
Lyons	.....	.....	.....	1.70	17.0
McCook	.....	.....	.....	1.70	17.0
McCool	.....	.....	.....	0.85	9.5
Madison	54	—17	17.0	1.20	12.0
Madrid *[5]	55	—13	23.2	1.30	13.0
Marquette	.....	.....	.....	0.55	5.5
Mason City	.....	.....	.....	1.17	11.7
Merriman	.....	.....	.....	0.30	3.0
Minden *a*	60	—23	21.0	1.67	16.1
Minden *b*	.....	.....	.....	1.40	.....
Monroe	.....	.....	.....	0.86	8.1
Nebraska City *b* *[1]	50	— 6	22.3	1.20	12.0
Nemaha *[1]	52	—12	19.8	1.40	12.0
Nesbit	60	—17	22.3	1.11	16.5
Norfolk	55	—29	14.6	0.95	9.5
North Loup	56	—19	20.5	1.60	16.0
Oakdale	55	—24	15.8	0.98	9.9
Odell	.....	.....	.....	1.15	4.5
O'Neill	63	—22	18.5	0.95	9.5
Ord	.....	.....	.....	1.40	14.0
Ough	.....	.....	.....	2.00	20.0
Palmer *[8]	48	—20	20.6	0.65	6.5
Palmyra	.....	.....	.....	1.09	10.9
Plattsmouth *b*	.....	.....	.....	1.50	15.0
Pleasanthill	.....	.....	.....	1.00	7.5
Ravenna *a*	56	—18	19.8	1.40	13.7
Ravenna *b*	.....	.....	.....	1.05	10.0
Redcloud *b* *[5]	50	— 2	20.8	0.70	7.0
Republican *[1]	58	—14	22.5	0.77	7.7
Rulo	.....	.....	.....	1.05	10.5
St. Libory	.....	.....	.....	0.75	7.5
St. Paul	55	—16	19.6	0.84	8.5
Salem *[1]	52	— 6	23.8	0.80	8.0
Santee	52	—12	17.4	0.59	5.4
Sargent	.....	.....	.....	1.34	12.5
Schuyler	.....	.....	.....	0.67	6.0
Seward *[1]	54	—14	20.2	0.75	7.5
Spragg	.....	.....	.....	1.11	11.1
Stanton *[1]	47	—19	14.8	1.00	10.0
State Farm	50	—15	20.2	1.09	10.0
Strang	.....	.....	.....	1.10	11.0
Stratton	.....	.....	.....	1.25	12.5
Superior *[5]	42	—10	19.0	1.35	11.5
Syracuse	.....	.....	.....	0.80	8.0
Tablerock	.....	.....	.....	1.57	10.3
Tecumseh *b*	54	—12	22.0	0.60	6.0
Tecumseh *c*	.....	.....	.....	1.17	9.1
Tekamah	49	—18	15.8	1.40	14.0
Thedford	.....	.....	.....	1.15	11.5
Turlington	50	—11	19.4	1.18	11.1
Valentine	58	—23	20.8	0.26	.....

Stations.	Temperature. (Fahrenheit.) Maximum.	Minimum.	Mean.	Precipitation. Rain and melted snow.	Total depth of snow.
Nebraska—Cont'd.	°	°	°	*Ins.*	*Ins.*
Wakefield	55	—22	14.8	0.85	8.5
Wallace	.....	.....	.....	1.17	11.7
Wauneta	.....	.....	.....	1.90	19.0
Weeping Water *[1]	49	—19	15.5	1.41	14.6
Wellfleet	.....	.....	.....	1.95	18.5
Westpoint	55	—17	16.8	0.99	9.9
Whitman	.....	.....	.....	1.07	10.7
Wilber *[1]	50	—12	20.8	1.16	9.5
Willard	.....	.....	.....	0.83	8.3
Wilsonville *[1]	56	—17	23.2	1.00	7.5
Winnebago	.....	.....	.....	0.52	5.2
Wisner	.....	.....	.....	0.87	8.7
Wymore	.....	.....	.....	0.71	7.0
York *[1]	48	—14	19.1	0.90	9.0
Nevada.					
Battle Mountain *[1]	48	5	33.4	0.20	2.0
Belmont	.....	.....	.....	0.05	T
Beowawe *[1]	53	15	31.7	0.95	4.5
Candelaria	72	15	41.4	0.07	0.8
Carlin *[1]	55	17	34.0	0.60	4.0
Carson City	69	17	40.1	0 38	0.1
Clover Valley	.....	.....	.....	1 59	2.0
Cranes Ranch	.....	.....	.....	0.69	.....
Duck Valley	52	5	31.2	1.17	8.3
Elko (near)	56	8	34.5	1.50	7.5
Ely	58	5	32.3	0.18	1.0
Empire Ranch	57	7	33.6	0.08	1.5
Fenelon	.....	.....	.....	0.70	7.0
Golconda *[1]	60	13	37.0	0.33	
Halleck *[1]	55	5	28.2	0.40	4.0
Hamilton	48[1]	1	30.7[1]	0.03	T.
Hawthorne	61	17	41.3	0.10	
Hot Springs *[1]	60	18	41.7	.....	
Humboldt *[1]	55	15	37.2	1.40	5.0
Lee	.....	.....	.....	1.35	16.5
Lewers Ranch	66	11	37.6	1.13	3.1
Los Vegas	76	22	46.0	0.00	
Lovelocks *[1]	66	14	40.2	0.46	
Martins	67	17	39.0	T.	
Mill City *[1]	56	10	37.3	0.20	2.0
Monitor Mill	54	6	31.1	0.18	1.0
Palisade *[1]	62	12	33.4	1 60	6.0
Palmetto	68	6	35.7	0.20	2.0
Reno State University	66	12	40.2	0.27	T.
Sodaville	71	10	42.0	0.03	
Tecoma	.....	.....	.....	0.20	2.0
Toano *[1]	53	11	28.5	0.25	2.5
Tuscarora	45	9	29.0	1.45	17.0
Tybo	57	10	35.8	0.40	6.0
Verdi *[1]	65	20	42.1	0.30	
Wadsworth *[1]	70	10	37.5	0.25	
Wells *[1]	55	12	34.8	T.	0.2
New Hampshire.					
Alstead	.....	.....	.....	8.09	20.5
Berlin Mills	47	—30	16.4	5.62	33.5
Bethlehem	51	—19	18.2	4.71	23.0
Brookline *[1]	56	— 8	24.2	9.49	12.5
Claremont	52	—20	21.3	5.66	14.0
Concord	51	—16	21.5	5.05	13.2
Durham	50	— 9	23.6	10.06	6.0
Grafton	50	—29	17.4	6.80	15.0
Hanover	49	—22	19.0	4.89	17.5
Keene	54	—20	21.6	6.46	11.9
Littleton	50	—19	17.9	3.74	20.0
Nashua	58	— 7	24.8	8.19	15.5
Newton	57	— 7	24.8	9.80	6.0
North Conway	45	—20	18.6	9.42	31.5
Peterboro	54	—16	20.6	8.13	17.3
Plymouth	47	—21	17.9	6.44	17.0
Sanbornton	51	—17	20.0	7.24	25.0
Stratford	47	—24	18.2	5.11	31.0
Warner	.....	.....	.....	10.17	18.5
New Jersey.					
Asbury Park	59	4	32.1	5.44	12.0
Bayonne	62	6	31.9	5.60	14.0
Belvidere	60	— 2	28.0	5.09	6.0
Bergen Point	62	6	32.2	6.46	11.0
Beverly	64	4	32.0	4.99	16.4
Billingsport *[1]	62	7	31.5	5.12	7.0
Boonton	58	— 3	27.9	6.62	5.2
Bridgeton	65	6	33.2	5.14	12.0
Camden	60	6	31.9	4.09	12.1
Cape May C. H.	63	6	33.4	4.14	10.5
Charlotteburg	58	— 5	28.6	7.88	.....
Chester	57	— 6	26.5	6.69	7.0
Clayton	58[e]	3[b]	30.6[e]	4.80	13.5
College Farm	61	4	31.2	5.46	12.4
Deckertown	59	— 4	28.2	5.49	7.5
Dover	58	— 6	28.4	6.79	8.0
Egg Harbor City	59	5	31.2	4.42	5.0
Elizabeth	60	3	30.9	6.88	13.0
Englewood	60	5	29.5	6.84	.....
Flemington	60	0	30.1	5.15	8.0
Freehold	63	3	31.2	5.59	17.0
Friesburg	65	4	32.8	4.35	12.5
Hammonton	.....	.....	.....	4.41	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.
New Jersey—Cont'd.	°	°	°	*Ins.*	*Ins.*
Hanover	58	1	29.6	5.88	5.0
Hightstown	61	3	31.2	4.79	11.0
Imlaystown	65	4	33.4	4.61	12.0
Lambertville	60	4	31.1	4.62	11.8
Lebanon	.....	.....	.....	5.35	8.5
Moorestown	62	4	32.2	4.95	15.8
Mount Pleasant	.....	.....	.....	4.32	14.8
Newark	59	3	29.4	5.82	14.0
New Brunswick	61	4	32.0	5.65	12.2
Newton	59	— 3	27.6	4.79	.....
Ocean City	60	3	32.0	5.20	4.0
Oceanic	63	4	31.0	5.34	9.0
Paterson	60	5	31.8	7.58	10.0
Perth Amboy	62	0	31.8	4.97	8.0
Plainfield	61	2	30.4	6.05	10.2
Rancocas	.....	.....	.....	4.66	15.2
Rivervale	65	0	30.4	6.61	16.0
Roseland	59	— 2	28.4	6.38	9.0
Salem	69	7	33.2	5.34	11.5
Somerville	60	0	31.3	5.43	11.0
South Orange	59	3	29.6	6.40	11.0
Staffordville	.....	.....	.....	6.31	16.0
Toms River	58[c]	0	29.2	6.41	10.0
Trenton	62	6	33.5	4.32	12.0
Tuckerton	58	3	31.4	8.61	11.0
Vineland	65	2	33.2	3.97	7.5
Woodbine	68	1	33.0	4.35	6.0
New Mexico.					
Albert	67	11	38.4	0.37	2.0
Albuquerque	66	13	40.6	0.40	0.5
Alma	73	12	41.2	0.50	T.
Aztec	62	5	34.4	0.07	0.7
Bellranch	.....	.....	.....	0.78	3.0
Bernalillo	70	15	40.6	0.16	T.
Bluewater	60	— 9	32.4	0.75	5.0
Cambray	.....	.....	.....	0.70	
Carlsbad	80	20	48.9	T.	
Deming	.....	.....	.....	0.46	
East Lasvegas	63	— 6	34.6	0.25	1.5
Engle	70	11	43.0	0.00	
Espanola	63	9	36.2	0.27	
Folsom	62	— 1	31.0	0.74	9.8
Fort Bayard	67	15	42.4	0.58	T.
Fort Union	68	0	35.4	0.25	0.5
Fort Wingate	65	0	37.6	0.60	6.0
Gage	.....	.....	.....	0.35	
Gallinas Spring	68	— 5	37.2	0.15	1.5
Hillsboro	67	12	41.4	0.00	
Horse Springs	67	7	36.4	0.10	T.
Las Vegas Hotsprings	60	— 4	36.2	T.	T.
Lordsburg	.....	.....	.....	0.10	
Los Lunas	68	13	40.8	T.	
Lyons Ranch	74	20	45.0	0.72	
Messilla Park	78	11	46.4	0.42	
Raton	62	— 1	31.0	0.88	8.8
Roswell	77	8	43.2	T.	T.
San Marcial	76	17	45.6	0.15	1.5
Socorro	72	13	42.0	0.50	
Springer	67	— 8	34.0	0.25	2.5
Strauss	.....	.....	.....	0.63	
Whiteoaks	61	6	37.9	0.65	1.0
Winsors Ranch	55	— 9	29.8	1.60	.....
Woodbury	65	5	36.6	0.40	T.
New York.					
Adams	.....	.....	.....	5.00	.....
Addison	53	0	25.8	2.15	1.5
Akron	.....	.....	.....	3.61	.....
Alfred	51	— 8	20.6	1.84	5.8
Angelica	56	— 4	24.2	2.33	4.0
Appleton	55	— 1	23.2	3.61	15.3
Arcade	53	— 6	20.5	3.31	11.8
Atlanta	50	— 3	21.8	3.00	5.5
Auburn	65	— 2	25.6	2.99	6.0
Avon	52	— 1	20.8	1.99	9.5
Axton	46	—28	16.6	3.46	26.0
Baldwinsville	56	—11	24.0	3.69	14.0
Bedford *a*	56	— 3	28.5	7.43	10.2
Bedford *b*	.....	.....	.....	6.51	7.0
Big Sandy *[10]	48	—14	21.3	.....	.....
Bolivar	50	—11	20.7	2.54	6.0
Bouckville	50	—16	19.4	2.60	14.0
Boyds Corners	.....	.....	.....	7.97	.....
Brentwood	58	1	29.8	8.10	13.0
Brockport	57	— 3	22.8	3.88	19.8
Caldwell	50	—23	21.0	5.10	17.0
Canajoharie	50	—10	22.3	3.41	.....
Canton	61	—17	17.4	4.18	.....
Carmel	57	— 3	27.2	8.39	10.0
Carvers Falls	48	—23	19.8	4.50	7.0
Catskill	55	— 5	26.2	4.33	8.0
Cedarhill	57	— 5	26.0	2.09	.....
Charlotte *[10]	53	4	26.6	.....	.....
Chenango Forks	.....	.....	.....	3.40	.....
Cherrycreek	.....	.....	.....	4.91	.....
Cooperstown	54	—12	21.4	5.59	19.0
Cortland	53	— 1	24.7	1.84	6.8
New York—Cont'd.	°	°	°	*Ins.*	*Ins.*
Cutchogue	54	3	30.6	5.90	6.0
Dekalb Junction	.....	.....	.....	3.33	.....
Easton	.....	.....	.....	4.94	.....
Elba	58	— 1	22.6	3.00	9.0
Elmira	58	— 1	26.6	2.26	4.0
Fayetteville	.....	.....	.....	2.67	.....
Fleming	56	— 2	24.4	2.53	9.0
Franklinville	52	— 8	20.5	3.38	10.2
Fulton	.....	.....	.....	3.11	.....
Glens Falls	50	—15	21.6	4.38	12.5
Gloversville	55	—12	19.8	4.31	17.2
Greenwich	55	—20	21.6	3.78	9.5
Haskinville	.....	.....	.....	2.19	5.4
Hemlock	50	0	22.2	1.64	3.8
Honeymead Brook	56	— 5	24.5	5.05	7.5
Humphrey	52	— 7	22.0	4.53	16.4
Indian Lake	52	—23	17.2	4.79	18.1
Ithaca	56	— 2	23.8	2.86	7.3
Jamestown	62	— 5	24.0	4.15	24.5
Jay	47[e]	—20[e]	18.7[e]	1.89	17.5
Keene Valley	55	—18	19.3	3.49	13.0
King Station	.....	.....	.....	5.40	.....
Lake Placid	52	—25	14.6	2.00	20.0
Liberty	55	—12	21.5	6.55	4.0
Littlefalls	50	—14	20.2	3.09	16.0
Lockport	58	2	25.1	2.72	25.0
Lowville	49	—13	18.6	2.86	16.0
Lyndonville	.....	.....	.....	1.56	.....
Lyons	57[d]	0[d]	24.6[d]	4.25	14.5
Mayle	.....	.....	.....	2.58	26.0
Middletown	51	— 2	25.8	5.69	4.0
Mohonk Lake	53	— 5	27.0	6.00	4.0
Mount Morris	53	1	21.2	1.00	0.5
Newark Valley	.....	.....	.....	2.94	6.0
New Lisbon	56	—15	20.8	3.29	7.1
North Germantown	50	— 4	25.6	4.63	2.5
North Hammond	50	—12	21.4	3.31	12.5
North Lake	48	—34	13.3	5.76	81.0
Number Four	47	—31	16.0	4.44	25.9
Nunda	60	— 2	22.9	5.63	16.5
Ogdensburg	52	—15	20.1	2.32	17.6
Oxford	53	—13	23.6	4.76	10.9
Palermo	52	—10	22.0	4.66	25.8
Penn Yan	55	0	24.4	3.09	10.0
Perry City	50	— 4	21.1	3.84	11.0
Phœnix	.....	.....	.....	4.73	.....
Pine City	.....	.....	.....	2.78	.....
Plattsburg Barracks	45	—13	18.5	3.16	9.7
Port Byron	53	— 4	24.0	5.01	13.0
Port Jervis	57	— 6	26.6	5.15	3.5
Poughkeepsie	56	—14	25.1	.....	.....
Primrose	62	0	28.2	6.05	10.0
Richmondville	55	—11	21.0	3.61	11.0
Ridgeway	59	— 1	22.6	4.20	24.4
Rome	43	—12	18.0	2.30	.....
Romulus	55	— 1	24.6	3.70	4.0
St. Johnsville	49	—13	22.6	3.98	9.0
Salisbury Mills	.....	.....	.....	6.34	.....
Saranac Lake	50	—20	14.8	2.89	21.8
Saratoga Springs	51	—11	22.0	3.57	9.5
Schenectady	56	— 8	24.0	5.34	5.1
Schenevus	.....	.....	.....	3.08	.....
Setauket	58	— 2	31.0	5.88	2.9
Sherwood	.....	.....	.....	4.06	.....
Shortsville	55	—10	23.2	3.02	8.4
Skaneateles	.....	.....	.....	2.98	.....
South Canisteo	54	— 4	21.8	5.62	28.8
Southeast Reservoir	.....	.....	.....	7.77	.....
South Kortright	53	—12	21.8	3.55	.....
Straits Corners	54	— 8	23.0	3.10	5.5
Ticonderoga	49	—13	21.1	4.40	19.0
Volusia	62	— 7	22.0	3.93	.....
Wappingers Falls	52	—12	26.4	6.99	11.0
Warwick	.....	.....	.....	4.20	.....
Watertown	54	—15	20.6	4.01	41.0
Waverly	53	— 2	25.0	3.35	6.7
Wedgwood	50	— 4	22.1	2.57	11.0
West Berne	60	—11	21.6	4.81	20.0
West Chazy	48	—14	18.2	.....	15.0
Westfield *a*	67	— 3	23.7	3.16	4.5
Westfield *b*	64	— 5	21.9	3.22	.....
Westfield *c*	69	— 3	24.6	2.92	.....
Williamson	.....	.....	.....	3.33	.....
Windham	60	—13	21.7	4.45	7.2
North Carolina.					
Abshers	64	3	34.4	7.50	T.
Asheville	.....	.....	.....	4.67	T.
Biltmore	65	0	34.3	6.90	T.
Bryson City	.....	.....	.....	7.72	1.3
Chapelhill	70	10	39.2	5.08	
Cherryville	65	8	40.3	7.01	0.5
Currituck	.....	.....	.....	4.73	T.
Edenton	70	15	42.0	4.26	T.
Fairbluff	.....	.....	.....	4.89	0.3
Fayetteville	76	11	43.4	3.75	T.
Flatrock	62	0	33.8	13.24	0.5
North Carolina—Cont'd.	°	°	°	*Ins.*	*Ins.*
Goldsboro	76	14	40.2	4.54	.....
Greensboro	67	9	36.3	5.97	
Henderson	67	9	38.5	6.25	1.0
Hendersonville	66	— 1	34.6	10.10	T.
Henrietta	69	8	39.5	10.69	T.
Highlands	56	— 6	30.6	13.84	2.0
Horse Cove	60	— 2	35.5	12.98	2.0
Kinston	74	12	43.0	6.71	T.
Linville	57	— 5	29.0	5.34	3.0
Littleton	71	12[e]	41.4[e]	6.14	1.5
Louisburg	69	9	39.4	4.78	2.0
Lumberton	66	16	41.6	6.11	T.
Mana	.....	.....	.....	5.17	0.8
Marion	65	1	36.2	9.22	1.5
Marshall	68	— 1	34.6	4.07	3.1
Mocksville	67	6	37.2	4.38	T.
Moncure	71	12	42.1	3.85	
Monroe	67	7	40.4	4.93	
Mountairy	62	2	35.6	4.00	
Mount Pleasant	66	8	39.8	6.68	0.3
Murphy	.....	.....	.....	6.45	4.0
Newbern	73	14	45.0	3.60	
Oakridge	65	7	37.2	5.15	0.4
Patterson *[1]	60	8	33.0	8.52	T.
Pittsboro'	70	4	40.1	5.99	0.2
Rockingham	70	9	42.3	5.73	T.
Roxboro	70	9	39.4	5.59	1.0
Salem	64	7	37.0	6.20	0.5
Salisbury	66	10	40.0	4.52	0.4
Saxon	66	8	38.5	6.47	1.0
Selma	71	12	39.4	4.30	
Settle	60	5	34.1	5.84	0.5
Sloan	78	14	45.6	3.73	
Soapstone Mount	69	5	36.4	5.89	T.
Southern Pines *a*	.....	12	.....	5.94	T.
Southern Pines *b*	70	11	41.4	4.14	0.4
Southport	70	16	46.2	3.75	T.
Springhope *[1]	62	12	38.6	4.84	T.
Tarboro	75	9	41.3	5.35	T.
Washington	75	4	43.8	5.22	T.
Waynesville	66	0	36.1	6.97	T.
Weldon *a*	69	13	37.2	4.87	.....
Weldon *b*	.....	.....	.....	4.63	T.
North Dakota.					
Amenia	36	—28	1.0	0.26	2.6
Ashley	43	—30	3.6	0.50	5.0
Berlin	38	—36	—0.3	0.44	3.9
Bottineau	28	—39	—6.0	0.80	8.0
Buxton	36	—29	—0.2	0.14	1.7
Churchs Ferry	29	—35	—1.0	0.15	1.5
Coalharbor	39	—29	1.9	0.69	6.4
Devils Lake	37	—31	—2.0	0.80	8.0
Dickinson	45	—22	13.6	0.63	5.3
Donnybrook	.....	.....	.....	0.39	.....
Dunseith	32	—42	—2.9	.....	.....
Ellendale	40	—26	8.2	0.20	2.0
Falconer	44	—34	5.8	0.65	6.5
Fargo	35	—30	—1.2	0.54	5.4
Forman	42	—27	3.9	0.11	2.0
Fort Yates	.....	—21	.....	0.21	2.0
Fullerton[1]	40	—30	3.8	0.46	3.9
Gallatin	37	—38	—1.4	0.44	4.4
Glenullin	42	—26	5.2	0.83	5.3
Grafton	32	—32	—1.2	0.64	6.4
Hamilton	34	—33	—2.8	0.37	3.7
Hannaford	35	—33	—0.2	0.26	2.6
Jamestown	38	—30	4.9	0.40	4.0
Larimore	32	—31	—1.0	0.25	2.5
McKinney	37	—48	—2.8	0.40	4.0
Mayville	36	—27	2.8	0.45	4.5
Medora	46	—28	13.0	0.71	7.1
Melville	38	—27	1.6	0.10	1.0
Milton	35	—35	—3.6	0.30	3.0
Minnewaukon	40	—34	—1.5	0.18	1.8
Minot	40	—35	1.0	0.80	8.0
Minto	33	—35	—1.0	0.57	5.7
Napoleon	38	—33	2.2	0.70	6.0
New England	43	—26	7.3	.....	.....
Oakdale	41	—27	6.8	0.80	8.0
Pembina	33	—35	—5.4	0.46	4.8
Portal	33	—33	0.0	0.60	6.0
Power	34	—33	2.0	0.37	5.0
St. John	44	—36	—1.0	0.60	6.0
Sheyenne	40	—32	—1.4	0.08	0.8
Steele	40	—31	2.4	0.54	5.4
Towner	38	—41	—2.8	1.10	11.0
University	33	—28	0.8	0.27	2.7
Wahpeton	38	—25	7.0	0.35	3.5
Willow City	35	—40	—1.8	0.50	5.0
Woodbridge	35	—38	—4.1	0.21	2.1
Ohio.					
Akron	67	— 6	24.8	3.35	3.4
Annapolis	73	—11	26.8	3.73	5.0
Ashland	.....	.....	.....	2.77	9.7
Ashtabula	68	— 7	24.0	4.55	18.0
Atwater	.....	.....	.....	3.46	5.0

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.
Ohio—Cont'd.	°	°	°	*Ins.*	*Ins.*
Bangorville	64	—10	24.3	4.19	8.8
Bellefontaine	63	— 8	23.7	2.55	.....
Bement	.....	.....	.....	2.74	15.5
Benton Ridge	66	— 7	24.7	5.50	17.8
Bethany	64	—10	28.4	2.77	2.5
Bigprairie	64	— 7	25.8	3.85	7.0
Binola	.....	.....	.....	3.29	20.0
Bladensburg	61	— 9	24.1	4.65	7.8
Bloomingburg	65	— 8	27.7	3.33	2.0
Bowling Green	67	— 5	23.9	3.36	21.0
Bucyrus	.....	.....	.....	2.85	5.0
Cambridge	72	— 8	27.0	2.87	7.0
Camp Dennison	66	— 5	29.8	2.70	1.8
Canal Dover	68	— 7	25.9	3.12	5.0
Canton	67	—10	25.5	3.10	7.0
Cardington	64	— 7	25.0	2.69	6.3
Cedarville	.....	.....	.....	3.42	4.8
Celina	64	— 8	23.9	4.99	10.0
Circleville	70	— 5	27.4	3.31	3.0
Clarksville	66	— 7	28.6	2.72	1.4
Cleveland *a*	69	— 4	25.3	3.61	22.8
Cleveland *b*	67	— 5	23.8	2.96	13.2
Clifton	.....	.....	.....	2.93	3.0
Coalton	74	— 8	30.6	3.22	4.0
Colebrook	65	—16	23.4	2.20	10.0
Dayton *a*	.....	.....	.....	2.15	.....
Dayton *b*	64	— 9	28.5	2.66	3.5
Defiance	65	— 5	22.8	4.41	15.5
Delaware	65	— 7	25.6	3.56	8.3
Demos	70	— 6	26.0	3.64	7.5
Dupont	65	.....	.....	3.30	8.5
Elyria	65	—10	25.2	.....	.....
Findlay	67	— 6	23.6	5.19	17.5
Frankfort	70	— 6	28.8	2.96	3.0
Garrettsville	68	—18	23.4	3.45	9.3
Granville	66	— 7	26.0	3.79	6.2
Gratiot	67	— 7	26.2	3.43	7.3
Greenfield	67	— 4	30.6	3.10	3.0
Greenhill	68	—20	23.7	3.08	4.6
Greenspring	65	— 9	24.3	4.15	8.7
Greenville	62	— 6	25.3	4.14	2.0
Hanging Rock	74	— 5	32.6	3.90	8.0
Hedges	.....	.....	.....	3.11	4.5
Hillhouse	68	—17	21.2	3.56	23.5
Hillsboro	68	— 7	28.4	2.71	2.5
Hiram	65	— 8	22.9	3.26	10.5
Hudson	66	—16	23.0	4.32	6.0
Jacksonboro	63	— 8	26.5	2.86	7.6
Kenton	60	— 8	26.8	4.29	4.7
Killbuck	66	— 7	25.5	3.38	6.2
Lancaster	71	— 6	29.0	3.66	5.5
Logan	74	— 5	31.4	.....	.....
Lordstown	67	—15	22.0	3.65	5.0
Lowell	80	— 3	30.0	3.00	7.8
McArthur	73	— 7	28.9	3.60	5.0
McConnelsville	75	— 5	29.2	3.56	5.2
Mansfield	.....	.....	.....	4.75	18.5
Marietta	74	0	32.8	3.71	6.0
Marion	64	— 7	25.3	3.86	6.8
Medina	65	—12	24.4	3.04	12.0
Milfordton	63	— 9	22.6	2.65	6.5
Milligan	73	—10	28.4	2.60	5.0
Millport	69	—20	23.4	3.32	3.5
Montpelier	63	— 6	21.0	4.44	24.0
Napoleon	61	— 9	23.2	4.33	18.5
Neapolis	.....	.....	.....	3.61	17.7
New Alexandria	70	— 6	26.7	4.20	6.0
New Berlin	65	—14	24.6	2.79	3.5
New Holland	69	— 7	28.2	3.55	6.0
New Paris	63	—10	24.8	4.69	0.5
New Richmond	68	— 6	27.9	2.44	0.9
New Waterford	67	— 4	26.2	3.75	3.0
North Lewisburg	65	—10	24.0	4.00	6.5
North Royalton	65	— 9	23.6	3.02	12.5
Norwalk	66	— 7	25.0	4.74	16.0
Oberlin	65	—11	24.5	3.04	.....
Ohio State University	68	— 6	26.8	3.41	4.6
Orangeville	65	—15	23.2	2.30	10.0
Ottawa	65	— 6	25.2	4.55	10.0
Pataskala	67	— 7	26.2	4.21	6.8
Perry	.....	.....	.....	3.32	14.0
Philo	72	— 9	27.0	2.79	9.6
Plattsburg	65	— 9	25.6	3.65	4.0
Pomeroy	74	— 5	31.2	2.37	5.2
Portsmouth *a*	.....	.....	.....	3.42	4.5
Portsmouth *b*	75	— 2	33.5	3.43	4.8
Pulse	.....	.....	.....	2.87	5.0
Richwood	64	— 9	25.2	3.85	11.7
Ridgeville Corners	61	— 6	23.6	3.98	17.0
Ripley	70	— 5	30.0	3.00	2.9
Rittman	62	—12	27.8	3.59	3.0
Rockyridge	68	— 6	23.7	5.20	15.5
Rosewood	63	— 7	26.2	3.65	1.5
Shenandoah	64	—11	23.6	3.22	6.9
Sidney	63	— 6	23.6	3.56	6.0
Sinking Spring	62	— 5	29.4	2.90	5.0
Ohio—Cont'd.	°	°	°	*Ins.*	*Ins.*
Somerset	.....	.....	.....	2.78	8.0
Springboro	.....	.....	.....	2.94	.....
Strongsville	.....	.....	.....	4.08	14.5
Thurman	72	— 3	31.8	2.59	6.0
Tiffin	65	— 5	25.2	4.91	16.8
Upper Sandusky	66	— 6	24.4	4.14	11.0
Urbana	62	— 8	25.2	3.25	3.0
Vanceburg	73	— 1	31.6	4.35	7.5
Vermillion	67	— 7	24.6	3.80	20.0
Vickery	67	— 5	24.3	3.94	13.7
Walnut	.....	.....	.....	3.56	7.4
Warren	68	—11	24.9	3.80	4.0
Warsaw	68	— 8	26.1	3.65	6.5
Wauseon	64	— 6	23.2	5.75	23.6
Waverly	72	— 5	29.8	3.20	3.6
Waynesville	65	— 7	27.6	2.61	2.0
Wellington	65	—11	24.7	4.02	20.0
Westerville	66	— 4	27.4	3.01	4.8
Willoughby	.....	.....	.....	2.20	7.5
Wooster	65	—10	24.8	2.74	5.8
Youngstown	.....	.....	.....	2.81	1.7
Zanesville	.....	.....	.....	2.65	6.7
Oklahoma.					
Arapaho	70	4	37.3	0.46	0.5
Beaver	66	— 2	33.0	1.56	14.0
Burnett	70	6	39.8	0.72	T.
Edmond	67	4	35.8	0.90	1.5
Fort Reno	75	5	38.0	0.85	0.5
Fort Sill	77	7	38.6	0.85	0.5
Guthrie	69	4	37.4	0.75	1.0
Hennessey	74	2	40.6	0.95	3.0
Hopeton	67	— 3	32.4	2.02	3.0
Jefferson	68	0	33.2	1.33	3.5
Kingfisher	70	5	35.9	0.77	1.0
Mangum	75	6	39.2	0.10	T.
Newkirk	65	3	31.8	2.07	5.0
Norman	69	6	36.8	0.57	0.5
Osage	67	3	34.6	4.48	2.5
Perry	71	3	36.3	0.92	2.5
Prudence	72	3	36.4	1.16	3.9
Sac and Fox Agency	68	3	35.2	1.30	1.0
Stillwater	70	5	37.5	0.79	1.2
Waukomis	65	8	36.0	0.85	2.0
Woodward	69	5	34.5	0.71	6.1
Oregon.					
Albany *b*	.....	.....	.....	4.52	T.
Alpha	63	29	44.6	9.34	T.
Ashland *b*	65	24	41.8	3.48	0.5
Aurora *[1]	61	25	43.6	3.81	2.0
Aurora (near)	58	20	42.2	4.10	2.2
Bandon	58	35	47.6	6.03	
Bay City	55	28	43.8	12.63	0.7
Blalock	60	14	39.3	0.86	2.7
Brownsville *[1]	66	21	45.6	4.23	
Bullrun	49	20	39.0	8.21	T.
Burns	51	8	31.2	1.80	3.0
Burns (near)[5]	51	11	30.8	0.28	0.8
Cascade Locks	56	16	39.0	9.65	8.0
Comstock *[1]	62	28	45.2	4.90	
Coquille	.....	.....	.....	5.69	
Corvallis	60	23	42.0	4.01	0.5
Dayville	62	9	38.2	1.18	3.0
Ella	.....	.....	.....	0.72	T.
Eugene	59	23	43.2	3.82	
Fairview	58	36	48.3	6.18	
Falls City	57	22	40.6	8.42	0.7
Forestgrove	56	19	39.2	4.30	1.2
Gardiner	60	35	47.0	8.81	
Glenora	58	22	42.5	14.00	5.0
Government Camp	52	2	31.6	12.33	62.5
Grants Pass	64	23	43.8	3.41	
Happy Valley	56	8	32.9	1.56	4.5
Heppner	59	1	35.1	1.88	4.0
Jacksonville	60	25	41.4	3.27	T.
Joseph	53	—10	27.8	2.45	24.5
Junction City *[1]	62	26	45.0	5.05	T.
Kerby	63	19	42.2	6.38	
Klamath Falls	.....	19	.....	0.90	9.0
Lafayette *[1]	58	22	42.4	3.29	3.0
Lagrande	54	— 3	34.2	3.17	15.6
Lakeview	53	11	33.2	1.71	9.5
Lonerock	59	3	30.4	1.71	6.8
McMinnville	57	20	42.0	4.63	0.9
Merlin *[1]	62	22	44.5	3.40	
Monmouth *a* *[1]	60	23	43.4	4.07	0.5
Monmouth *b*	59	22	42.0	3.95	T.
Monroe	59	23	42.4	4.92	T.
Mount Angel	56	22	41.8	4.60	2.0
Nehalem	.....	.....	.....	13.24	1.5
Newberg	58	21	42.1	4.27	0.5
Newbridge	54	3	31.4	0.85	3.0
Newport	62	28	45.4	8.50	
Pendleton	63	1	38.6	1.41	0.8
Placer	.....	.....	.....	4.22	
Prineville	63	5	34.0	0.90	.....
Riddles *[1]	64	28	42.6	1.57	
Oregon—Cont'd.	°	°	°	*Ins.*	*Ins.*
Riverside	59	12	36.5[f]	0.59	1.0
Salem	60	21	42.8	2.98	
Sheridan *[1]	55	23	40.2	4.82	2.0
Silverlake	64[c]	11[c]	34.8[c]	T.	T.
Silverton *[1]	63	26	44.8	3.81	3.0
Siskiyou *[1]	45	22	35.8	3.55	18.5
Sparta	48	0	29.2	3.60	36.0
Springfield *[1]	56	25	42.4	3.02	
Stafford	56	19	40.8	4.96	0.5
The Dalles	62	18	39.8	1.94	0.8
Toledo	63	27	43.8	5.95	
Umatilla	.....	.....	.....	0.53	0.8
Vale	58	12	36.6	0.70	1.0
Vernonia	62	18	40.6	5.82	3.0
Westfork *[1]	60	28	42.4	1.59	
Weston	57	— 6	35.0	3.08	12.4
Williams	60	22	42.3	4.26	
Pennsylvania.					
Altoona	49	— 3	24.5	3.55	.....
Aqueduct	54	— 2	31.6	3.97	4.6
Athens	56	— 1	25.5	2.84	3.2
Beaver Dam	.....	.....	.....	3.29	.....
Bethlehem	.....	.....	.....	4.13	.....
Brookville	.....	.....	.....	4.54	8.7
Browers Lock	.....	.....	.....	5.47	.....
Butler	70	—17	24.2	4.01	9.3
Carlisle	57	1	28.5	4.65	5.0
Cassandra	59	— 5	25.1	4.00	4.2
Cedarrun	.....	.....	.....	1.47	0.9
Centerhall	50	— 3	26.1	4.09	3.0
Chambersburg	52	3	28.3	3.42	8.2
Coatesville	61	— 3	31.2	7.75	21.4
Confluence	81	— 9	23.6	4.02	11.5
Coopersburg	61	1	31.0	5.48	9.0
Davis Island Dam	.....	.....	.....	4.26	6.4
Derry Station	75	— 8	27.3	3.83	8.0
Driftwood	.....	.....	.....	2.66	.....
Duncannon	.....	.....	.....	3.84	0.4
Dushore	57	— 4	24.2	4.01	3.2
Dyberry	53	—10	22.2	4.02	4.5
East Bloomsburg	.....	.....	.....	2.91	0.6
East Mauch Chunk	55	— 6	27.3	6.48	3.0
Easton	59	0	29.6	5.78	6.3
Ellwood Junction	.....	.....	.....	2.93	3.0
Emporium	53	—10	25.5	2.85	1.1
Ephrata	57	2	29.8	5.15	9.1
Everett	52	— 1	26.6	3.57	2.2
Forks of Neshaminy *[1]	58	— 8	30.4	4.60	7.5
Franklin	71	—13	24.4	3.39	.....
Freeport	.....	.....	.....	3.59	5.4
Girardville	.....	.....	.....	5.63	9.0
Grampian	50	— 8	22.0	3.63	6.0
Greensboro	70	.....	.....	3.57	7.0
Hamburg	.....	.....	.....	5.95	6.0
Hamlinton	55	— 7	23.4	4.55	6.5
Hawley	55	—10	24.2	4.23	6.3
Hawthorn	73	—10	25.4	6.94	7.0
Hews Island Dam	.....	.....	.....	3.00	.....
Huntingdon *a*	51	2	28.4	3.72	1.3
Huntingdon *b*	.....	.....	.....	2.68	1.6
Irwin	.....	.....	.....	3.20	5.0
Johnstown	66	— 4	27.3	4.63	5.6
Karthaus	.....	.....	.....	3.52	.....
Keating	.....	.....	.....	3.53	1.0
Kennett Square	56	0	30.8	6.79	13.6
Lancaster	56	3	29.6	5.78	7.0
Lawrenceville	58	— 2	23.9	5.10	11.2
Lebanon	52	1	29.8	5.50	5.4
Leroy	53	— 7	23.4	3.07	4.3
Lewisburg	51	0	27.9	3.92	3.5
Lockhaven *a*	49	— 5	28.2	3.33	2.0
Lockhaven *b*	.....	.....	.....	4.04	.....
Lock No. 4	.....	.....	.....	2.87	6.5
Lycippus	72	— 5	26.4	4.34	12.1
Mifflin	.....	.....	.....	4.10	1.0
Nisbet	.....	.....	.....	3.95	.....
Oil City	.....	.....	.....	3.58	7.4
Parker	.....	.....	.....	3.88	4.0
Philadelphia	60	8	33.8	4.44	10.7
Quakertown	59	— 7	28.6	5.85	10.0
Reading[2]	.....	.....	29.4	5.38	.....
Renovo *a*	.....	.....	.....	3.52	0.5
Renovo *b*	50	— 3	26.7	3.18	3.7
Saegerstown	65	—15	24.8	6.96	12.7
St. Marys	50	— 7	21.9	3.07	9.2
Scranton	51	— 3	26.4	2.75	5.0
Selinsgrove	53	3	27.9	3.59	2.2
Shawmont	.....	.....	.....	3.97	.....
Sinnamahoning	.....	.....	.....	0.54	.....
Smethport	51	—10	22.8	1.00	2.0
Somerset	70	—14	22.8	5.69	9.2
South Eaton	55	0	26.3	3.47	2.3
State College	51	— 3	25.2	3.39	3.2
Sunbury	.....	.....	.....	2.50	6.0
Towanda	56	1	26.2	2.90	2.5
Troutrun	.....	.....	.....	3.61	1.5

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

Stations.	Temperature. (Fahrenheit.) Maximum.	Minimum.	Mean.	Precipitation. Rain and melted snow.	Total depth of snow.
	°	°	°	Ins.	Ins.
Pennsylvania—Cont'd.					
Uniontown	77	−2	30.0	3.96	.....
Warren	61	−10	22.6	4.66	11.9
Wellsboro	50	−4	25.6	4.90	8.5
Westchester	59	2	30.8	6.38	19.0
West Newton	.....	.....	.....	3.56	7.0
Westtown	56	0	30.0	5.78	9.4
Wilkesbarre	57	4	29.2	3.21	4.0
Williamsport	52	−3	27.0	3.72	0.2
York	59	2	29.8	4.62	10.1
Rhode Island.					
Bristol	53	−1	30.3	5.32	5.0
Kingston	54	−5	27.8	7.19	8.0
Pawtucket	48	−3	25.3	8.66	.....
Providence *a*	57	−2	29.7	8.17	7.0
Providence *c*	56	−4	28.3	8.38	6.0
South Carolina.					
Allendale	.....	.....	.....	4.74	
Batesburg	68	12	41.9	7.05	T.
Beaufort	76	17	49.6	4.06	
Blackville	73	14	45.6	3.99	T.
Calhoun Falls	.....	.....	.....	7.81	
Camden	.....	.....	.....	6.10	1.0
Cheraw *a*	65	12	38.7	4.42	T.
Cheraw *b*	.....	.....	.....	4.39	0.3
Clemson College	69	7	40.4	10.02	1.5
Conway	.....	.....	.....	5.75	0.3
Darlington	.....	.....	.....	7.07	0.5
Edisto	.....	.....	.....	4.91	0.3
Effingham	.....	.....	.....	5.17	0.3
Florence	72	13	43.7	7.42	0.2
Gaffney	.....	.....	.....	5.19	0.4
Georgetown	78	18	47.4	3.50	
Gillisonville	77	15	48.6	3.64	
Greenville	66	8	37.4	9.13	2.0
Greenwood	69	10	39.8	6.07	T.
Holland	64	9	39.0	10.61	0.2
Kingstree *a*	74	16	44.6	3.99	0.1
Kingstree *b*	.....	.....	.....	3.95	0.1
Liberty	69	1	40.0	10.21	T.
Little Mountain	68	10	43.6	7.06	0.5
Longshore	69	11	42.2	8.27	1.5
Pinopolis *[1]	70	19	47.2	2.29	T.
St. Georges	76	15	46.5	4.64	0.3
St. Matthews	71	13	44.6	4.36	0.3
St. Stephens	.....	.....	.....	3.61	0.1
Santuck	68	7	41.6	5.50	1.0
Shaws Fork	74	13	43.4	7.20	T.
Smiths Mills	.....	.....	.....	4.55	0.2
Societyhill	70	16	44.9	6.54	0.2
Spartanburg	65	8	38.6	8.19	2.0
Statesburg	73	12	45.8	7.46	0.4
Summerville	75	18	49.0	5.58	
Temperance	76	13	44.6	6.53	T.
Trenton	70	12	45.9	9.74	0.6
Trial	75	14	45.2	4.09	T.
Walhalla	68	7	39.8	9.46	0.5
Winnsboro	65	9	41.4	5.85	0.5
Winthrop College	68	8	41.4	5.03	0.5
Yemassee	75	16	47.3	1.86	T.
Yorkville	70	13	43.6	5.58	1.5
South Dakota.					
Aberdeen	43	−23	8.0	0.37	3.8
Academy	58	−16	16.0	0.07	1.0
Alexandria	52	−17	13.6	T.	T.
Armour	53	−16	15.0	0.20	2.5
Ashcroft	52	−25	18.0	0.40	4.0
Bowdle	42[e]	−24[e]	7.9[e]	0.31	3.1
Brookings	45	−22	8.0	0.20	2.0
Canton	.....	−19	.....	0.26	2.6
Centerville	.....	.....	.....	0.28	2.9
Chamberlain	57	−15	19.8	T.	T.
Clark	47	−25	10.3	0.38	3.9
Desmet	50	−20	10.4	0.50	5.0
Doland	51	−24	10.5	0.33	4.2
Elkpoint [d]	49	−11	18.0	.....	.....
Farmingdale	.....	.....	.....	0.05	0.5
Faulkton	50	−21	9.2	0.46	4.9
Flandreau	45	−20	10.8	0.26	2.3
Forestburg	52	−17	12.0	0.07	0.7
Forest City	60	−17	13.2	0.20	2.0
Fort Meade	54	−21	18.4	0.34	3.4
Gary	41	−19	3.5	0.25	5.0
Grand River School	45	−26	12.0	0.20	4.1
Greenwood	53	−15	19.8	0.44	3.6
Hartman	47	−20	11.0	0.18	2.0
Highmore	50	−20	13.6	0.06	0.4
Hotch City	51	−20	16.0	0.12	1.2
Hot Springs	68	.....	.....	0.40	4.0
Howard	42	−20	10.2	0.30	3.0
Interior	50	−22	19.6	0.05	0.5
Ipswich	46	−26	8.0	0.42	4.0
Kimball	57	−16	16.6	0.04	0.4
Leola	44	−28	4.8	0.30	3.0
Leslie	55	−21	16.2	T.	T.
Mellette	48	−29	7.8	0.40	4.0
Menno	54	−16	13.7	0.07	0.8
South Dakota—Cont'd.					
Millbank	42	−25	5.6	0.65	6.5
Mitchell	54	−15	15.6	0.15	1.2
Oelricks	53	−28	21.1	1.03	10.3
Parker	50	−14	14.3	0.11	2.4
Plankinton	54	−16	12.8	T.	T.
Redfield	53	−22	11.6	0.28	3.2
Rosebud	59	−22	18.5	0.90	9.0
St. Lawrence	56	−23	15.8	0.20	2.0
Shiloh	52	−16	16.5	T.	T.
Silver City	.....	.....	.....	0.65	6.5
Sioux Falls	43	−18	14.7	0.25	2.5
Sisseton Agency	36	.....	.....	0.24	2.0
Spearfish	58	−20	21.8	0.63	7.0
Tyndall	50	−16	15.2	0.30	3.0
Watertown	45	−32	6.3	0.52	5.2
Waubay	40	−27	3.6	0.45	6.0
Wentworth	44	−18	9.3	0.19	1.9
Wessington Springs	52	−22	8.8	0.05	0.5
Wolsey	.....	.....	.....	0.17	1.6
Tennessee.					
Andersonville	72	4	35.8	6.35	3.0
Ashwood	69	3	39.4	4.27	1.2
Benton	74	2	39.2	5.60	1.0
Bluff City	.....	.....	.....	3.89	4.0
Bolivar	68	4	38.4	5.94	T.
Bristol	72[j]	1[j]	34.7[j]	3.28	1.0
Byrdstown	65	−6	36.3	9.08	11.9
Carthage	65	−3	38.0	5.19	4.0
Charleston	.....	.....	.....	5.60	1.0
Clarksville	69	−2	35.7	6.46	10.0
Clinton	.....	.....	.....	6.46	1.0
Decatur	71	5	38.1	6.78	1.0
Elizabethton	74	−1	35.5	3.70	.....
Elk Valley	64	0	32.4	4.93	T.
Erasmus	66	−4	34.4	6.75	4.0
Florence	70	2	37.3	3.28	4.0
Franklin	70	1	36.6	3.78	2.2
Grace *[1]	60	4	37.7	5.09	4.5
Greeneville	74	−1	35.6	3.77	5.3
Harriman	70	6	36.5	6.74	0.8
Hohenwald	68	−1	37.2	4.57	1.8
Iron City	68	3	39.2	4.85	
Jackson	71	5	38.4	2.70	
Johnsonville	71	−4	37.1	5.59	2.0
Jonesboro *[1]	72	4	35.0	4.92	8.2
Kingston	.....	.....	.....	6.72	T.
Lafayette *[5]	57	0	33.4	4.47	5.0
Lewisburg	68	4	39.2	4.39	2.5
Lynnville	69	4	38.9	4.17	0.2
McMinnville	70	4	38.2	2.88	3.2
Maryville *[5]	73	5	37.8	5.18	2.2
Newport	74	4	37.0	4.53	2.5
Nunnelly	70	0	37.9	4.07	3.0
Oakhill	72	−4	37.6	6.90	4.9
Palmetto	67	2	38.6	3.96	1.8
Pope	70	0	37.0	5.65	1.0
Rogersville	74	4	35.0	4.39	3.4
Rugby	68	−9	34.2	6.24	9.0
Savannah	70	5	40.0	4.79	T.
Sewanee	63	−1	34.8	6.53	5.0
Silverlake	66	0	31.2	4.54	4.5
Springdale	76	4	37.7	6.40	1.5
Springfield	67	−5	36.4	5.75	7.5
Sylvia	68[g]	0[g]	33.4[g]	5.78	7.0
Tazewell	.....	.....	.....	5.74	4.0
Tellico Plains	74	.....	.....	6.26	2.0
Tracy City	63	0	35.2	6.08	4.0
Tullahoma	66	2	37.4	4.85	2.0
Union City	62	−1	35.4	4.36	2.6
Wildersville	71	4	39.2	6.39	1.9
Yukon	67	5	38.7	5.43	3.5
Texas.					
Alvin	.....	.....	.....	4.22	
Anna	74	7	48.7	0.55	
Anson	.....	.....	.....	0.40	T.
Arthur	.....	.....	.....	1.35	
Austin *a*	77	14	49.8	0.51	
Austin *b* *[5]	78	13	47.9	.....	
Ballinger	77	14	45.0	0.39	
Beaumont	74	20	50.8	3.00	
Beeville	86	20	54.8	1.12	
Big Springs	.....	.....	.....	0.25	T.
Blanco	80	20	50.3	0.25	
Boerne *[1]	76	18	50.4	0.25	
Brazoria	78	19	53.2	3.28	
Brenham	78	19	51.4	2.71	
Brighton	84	22	57.3	1.73	
Brownwood	76	14	46.8	1.40	T.
Burnet *[1]	75	14	49.0	0.31	
Camp Eagle Pass	85	17	54.4	0.25	
Coleman	80	15	47.2	0.00	
College Station [2]	.....	11	49.2	2.88	
Colorado	.....	.....	.....	0.26	
Columbia	76	17	52.6	4.14	
Conroe	72	17	51.2	3.73	
Corsicana	76	16	49.4	0.28	
Texas—Cont'd					
Cuero	78	19	51.3	1.59	
Dallas	76	12	44.2	1.07	
Danevang	81	19	54.1	1.60	
Dublin	77	14	43.8	0.40	
Duval	80	16	52.2	0.84	
Emory	73	12	48.0	0.56	
Estelle	79	10	47.0	0.36	
Forestburg	.....	.....	.....	1.40	T.
Fort Brown	81	27	57.9	0.42	
Fort Clark	82	22	52.7	0.40	
Fort McIntosh	87	19	57.6	T.	
Fort Ringgold	93	24	60.0	1.90	
Fredericksburg *[1]	79[e]	16	49.3[e]	0.24	
Fruitland	72	10	43.8	0.85	T.
Gainesville	72	10	43.3	2.23	T.
Georgetown *[1]	82[e]	14	51.0[e]	0.61	T.
Grapevine	79	12	46.0	0.24	
Hale Center	77	12	42.0	0.52	T.
Hallettsville	78	18	54.0	1.10	
Henrietta	74	9	42.4	0.19	T.
Hewitt	.....	.....	.....	0.50	
Hondo	.....	.....	.....	0.00	
Houston	.....	19	.....	4.66	
Hulen	.....	19	.....	4.30	
Huntsville	74	17	49.0	4.38	
Jacksonville	74	11	49.9	2.89	T.
Jasper	77	11	51.9	7.34	
Kaufman	76	14	48.0	.....	
Kent	.....	.....	.....	0.43	
Kerrville	80	12[j]	46.7[e]	0.45	
Lampasas	78	12	48.2	0.29	
Langtry	78	27	49.9	0.00	
Laureles Ranch	.....	.....	.....	1.40	
Llano *[5]	77	18	51.6	0.00	
Longview	72	13	45.7	3.05	T.
Luling	78	11	52.5	1.01	
Mann	.....	.....	.....	T.	
Marathon	75	10	43.6	0.45	
Menardville	.....	.....	.....	0.45	
Monahans	.....	.....	.....	1.95	
Mount Blanco	76	9	38.0	T.	T.
New Braunfels	79	18	52.7	0.74	
Panchita	.....	.....	.....	1.20	
Panter	.....	.....	.....	0.37	
Point Isabel *[1]	80	32	62.0	0.10	
Rhineland	75	12	43.4	0.15	
Rockisland	75	18	53.9	1.60	
Rockport *[1]	80	27	55.3	.....	
Runge	82	17	53.6	0.85	
Sabine	76	16	52.4	6.09	
San Antonio	81	19	55.8	0.34	
Sanderson	72	17	49.4	T.	
San Marcos	78	14	52.3	0.85	
Sherman	71	12	44.4	1.42	
Sugarland	76	18	52.5	3.55	
Sulphur Springs	71	12	45.6	0.48	T.
Temple *a*	79	15	49.0	0.38	
Turnersville	75	10	49.0	0.13	
Tyler	70	11	42.5	1.34	T.
Valentine	70	18	44.7	1.50	
Victoria	.....	.....	.....	0.75	
Waco	82	15	48.0	0.00	
Waxahachie	77	9	47.8	T.	
Weatherford	77	11	44.8	1.00	T
Wichita Falls	.....	.....	.....	0.40	
Utah.					
Alpine	.....	.....	.....	0.66	.....
Bluecreek *[1]	48	5	30.0	0.89	8.0
Brigham	.....	.....	.....	1.24	5.8
Castledale	62	6	32.4	0.00	
Cisco	60	12	33.4	T.	
Corinne	54[f]	6	33.4[e]	0.95	7.5
Deseret	68	4	33.4	0.05	1.0
Elgin	72	10	38.9	0.03	
Farmington	.....	.....	.....	2.45	19.5
Fillmore	66	4	35.0	0.45	.....
Fish Springs	62	14	36.5	0.80	7.0
Fort Duchesne	59	−2	24.4	0.00	
Frisco	63	10	36.2	0.04	T.
Giles	66	4	35.4	0.00	
Grover	59	3	32.6	0.00	
Heber	52	−8	27.6	1.50	15.0
Huntsville	.....	.....	.....	1.86	17.0
Kanab	.....	.....	.....	0.00	
Kelton *[1]	55	8	33.1	0.25	1.0
Levan	57	6	32.7	0.70	7.5
Loa	57	0	29.2	0.10	1.0
Logan	50	5	30.6	0.78	.....
Manti	60	0	33.4	0.25	2.5
Marysvale *[1]	48	4	25.6	0.95	14.0
Meadowville	.....	.....	.....	1.77	17.5
Millville	.....	.....	.....	1.07	.....
Minersville	62	7	35.7	0.20	0.5
Moab	67	11	38.6	0.12	
Mount Pleasant	60	6	32.6	0.60	6.0
Pahreah	65	15	40.9	0.00	

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.
Utah—Cont'd.					
Park City	46	4	26.1	1.87	18.7
Parowan	62	4	34.4	0.28	2.3
Pinto	59	2	32.1	0.27	0.8
Promontory*[1]	48	0	25.6	0.65	6.5
Provo	61	5	35.6	0.35	.....
Richfield	55	6	30.6	0.20	2.0
St. George	73	9	41.6	0.00	
Scipio	61	5	33.2	0.20	2.0
Snowville[f]	49	4	30.5	0.76	3.0
Soldier Summit	48	—10	21.2	1.80	18.0
Terrace*[1]	65	20	33.9	T.	T.
Thistle	60	3	32.4	0.47	4.7
Tooele	56	7	32.7	0.78	.....
Tropic	58	0	31.5	T.	T.
Vernal	50	6	27.4	0.12	0.4
Woodruff	45	—24	19.9	1.20	12.0
Vermont.					
Bennington	58	—21	24.0	3.95	15.0
Brattleboro	50	—10	23.0	6.90	13.0
Burlington	45	— 7	22.6	2.17	14.0
Chelsea	44	—18	17.5	4.20	28.0
Cornwall	54	—14	20.7	3.86	14.0
Derby	45	—22	16.5	3.06	.....
Enosburg Falls	50	—29	17.5	3.65	36.5
Hartland	49	—27	17.8	5.95	17.8
Jacksonville	49	—19	18.9	12.74	39.1
Manchester	51	—12	21.2	4.58	6.8
Norwich	49	—23	17.6	5.66	15.0
St. Johnsbury	45	—25	15.4	4.73	26.5
Vernon	.....	.....	.....	7.22	9.5
Wells	55	—20	19.4	4.75	12.5
Woodstock	44	—25	17.4	4.76	19.0
Virginia.					
Alexandria	67	6	34.4	4.49	10.4
Ashland	70	5	36.2	5.09	3.0
Barboursville	65	1	32.2	4.45	10.0
Bedford	60	7	31.8	5.57	2.0
Bigstone Gap	74	4	35.3	5.24	4.5
Birdsnest*[1]	60	12	37.5	3.95	1.5
Blacksburg	69	0	30.0	3.95	4.5
Bon Air	70	6	37.0	4.10	3.0
Buckingham	71	— 3	33.6	5.42	0.7
Burkes Garden	63	— 6	29.0	4.83	7.5
Callaville	69	7	37.1	4.44	1.0
Charlottesville	68	4	34.4	4.00	7.0
Christiansburg	.....	.....	.....	3.53	4.0
Cliftonforge	67	6	31.6	4.92	1.2
Columbia	70	0	35.6	3.80	5.0
Dale Enterprise	70	— 7	30.3	2.87	8.0
Doswell	68	3	31.1	3.32	6.0
Farmville	70[f]	10[f]	38.6[f]	5.15	2.0
Fredericksburg	71	5	34.4	4.73	9.0
Freeling	53	8	33.7	3.39	4.5
Grahams Forge	60	1	30.7	3.57	4.0
Hampton	67	15	40.9	3.51	1.0
Hot Springs	68	0	30.0	5.86	5.7
Lexington	63	0	32.8	4.38	7.0
Manassas	70	2	34.0	3.71	13.5
Marion	78	0	32.6	4.34	3.0
Meadowdale	63	— 5	26.7	3.53	11.1
Newport News	66	15	42.6	1.42	T.
Petersburg	70	10	38.8	4.54	4.3
Quantico	60	4	31.0	.....	.....
Radford	.....	.....	.....	2.57	6.0
Rockymount	65	2	34.5	5.89	4.0
Salem	70	8	37.2	4.03	2.5
Scottsburg	68	10	38.2	3.94	2.0
Speers Ferry	.....	.....	.....	5.33	2.0
Spottsville	70	6	38.0	4.10	1.5
Stanardsville	69	3	33.2	3.56	8.0
Staunton	71	2	33.3	3.38	6.4
Stephens City	76	2	32.0	4.13	15.0
Sunbeam	71	8	40.1	4.65	.....
Tobaccoville	.....	2	.....	4.53	3.5
Warrenton	67	8	35.2	4.79	16.0
Warsaw	68	3	35.2	3.86	4.0
Westpoint	69	6	35.8	2.45	4.0
Woodstock	70	— 5	32.2	3.88	20.0
Washington.					
Aberdeen	57	22	41.2	9.11	3.0
Anacortes	.....	.....	.....	3.13	2.0
Ashford	.....	.....	.....	6.74	12.3
Bremerton[c]	57	22	41.0	4.17	0.6
Bridgeport	67	4	33.9	.....	.....
Brinnon	53	23	39.6	5.80	3.6
Cedar Lake	.....	.....	.....	9.10	18.0
Cedonia	46	— 8	24.8	1.35	11.7
Centerville	58	4	34.2	1.76	5.5
Chehalis	55	21	40.6	5.06	4.0
Cheney	.....	.....	.....	0.92	11.0
Clearwater	57	24	41.2	14.86	2.4
Cle Elum	52	— 3	31.1	3.65	26.0
Colfax	53	5	33.4	1.99	5.5
Colville	54	— 9	29.0	1.01	7.5
Conconully	52	—11	26.4	0.43	3.5
Connell	.....	.....	.....	0.33	3.0
Washington—Cont'd.					
Coulee City	54	2	30.7	0.63	5.0
Coupeville	55	20	40.2	1.69	T.
Crescent	50	— 4	28.4	1.55	8.2
Dayton	57	— 3	33.0	1.78	7.3
Ellensburg	55	5	32.2	0.70	5.0
Ellensburg (near)	56	7	32.3	0.31	0.7
Grandmound	54	16	40.2	4.59	4.2
Hooper	57	6	35.2	0.99	5.0
Kennewick	62	1	37.7	0.56	4.8
Lacenter	57	19	39.2	5.81	2.0
Lakeside	54	6	31.5	0.85	2.5
Lind	52	— 2	29.4	1.25	6.0
Loomis	55	1	30.8	.....	.....
Mayfield	61	29	46.6	6.95	T.
Montecristo	49	2	32.0	15.23	56.5
Mottinger Ranch	59	8	38.7	0.48	1.2
Mount Pleasant	56	16	40.0	5.77	1.5
Moxee Valley	62	3	33.2	0.30	2.5
New Whatcom	57	13	41.2	2.77	5.5
Northport	52	—22	24.5	1.56	15.0
Olga	55	10	39.0	3.08	2.5
Olympia	56	25	42.4	5.37	1.0
Pinehill	55	11	37.4	3.41	11.7
Pomeroy	53	2	34.6	2.27	14.0
Port Townsend	58	22	42.2	1.59	T.
Pullman	56	— 1	32.3	2.74	12.0
Republic	54	—16	25.8	1.03	10.0
Ritzville	.....	.....	.....	0.68	6.8
Rosalia	49	— 1	30.2	1.44	6.6
Sedro	54	17	40.5	5.94	2.3
Shoalwater Bay*[10]	53	26	43.6	.....	.....
Snohomish	57	19	41.6	5.11	T.
Snoqualmie	68	30	46.0	5.39	.....
Southbend	60	25	43.2	9.93	3.0
Sprague	.....	.....	.....	0.86	7.0
Sunnyside	62	4	34.6	0.45	3.3
Twin	60	20	40.2	4.95	4.5
Union	5	19	40.1	8.17	5.4
Vancouver	60	18	41.8	3.90	1.8
Vashon	57	21	41.0	4.98	1.5
Waterville	49	— 4	27.4	0.62	6.2
Wenatchee (near)	56	— 1	29.4	1.57	14.5
Westsound	58	12	39.9	2.44	3.0
Wilbur	50	— 4	28.0	0.93	4.7
West Virginia.					
Beckley	75	— 5	29.8	4.28	13.0
Beverly	78	—10	29.6	5.09	20.0
Bluefield	72	— 5	30.8	4.08	11.5
Buckhannon *b*	77	— 8	29.3	4.99	19.0
Burlington	64	— 3	29.4	2.99	8.5
Cairo	80	— 4	30.9	.....	.....
Central	80	— 5	30.2	3.77	10.5
Charleston	.....	.....	.....	3.43	14.0
Dayton	80	— 5	31.0	4.79	5.0
Eastbank	69	5	34.9	3.31	11.0
Elkhorn	75	0	33.2	3.55	11.2
Fairmont	.....	.....	.....	3.42	6.2
Glenville	76	— 2	31.1	5.24	16.5
Grafton	80	— 5	29.4	3.95	9.0
Green Sulphur Springs	78	5	32.2	3.58	8.0
Harpers Ferry	.....	.....	.....	4.68	13.5
Hinton *a*	.....	.....	.....	3.31	10.1
Hinton *b*	73	1	32.4	.....	.....
Huntington	77	3	32.4	3.79	6.2
Madison	83	5	37.5	5.62	10.0
Marlinton	71	— 4	28.1	5.22	7.0
Martinsburg	57	3	29.4	4.54	.....
Morgantown	80	— 3	31.0	2.96	5.0
New Martinsville	79	— 1	31.1	4.26	7.8
Nuttallburg	76	— 1	32.0	5.53	19.2
Oceana	76	— 5	33.0	4.86	.....
Oldfields	71	— 7	27.3	3.28	12.0
Parsons	72	— 4	25.8	3.75	9.0
Philippi *a*	82	— 5	31.6	4.18	14.3
Point Pleasant	75	— 4	30.7	5.26	4.0
Romney	60	3	30.0	2.31	6.0
Rowlesburg	.....	.....	.....	3.92	10.0
Spencer	80	— 1	33.2	3.77	11.0
Terra Alta	75	—10	26.2	3.05	6.0
Uppertract	67	— 5	31.0	2.78	12.0
Wellsburg	73	— 5	26.7	3.22	6.5
Weston *a*	.....	.....	.....	5.06	10.5
Weston *b*	83	— 1	32.0	.....	.....
Wheeling *a*	.....	.....	.....	3.21	7.3
Wheeling *b*	78	0	32.6	3.30	4.5
Wisconsin.					
Barron	38	—28	2.1	0.86	8.6
Bayfield	31	—21	6.4	1.00	10.0
Beloit	52	—11	16.2	2.80	11.0
Brodhead	44	—12	14.4	3.21	15.0
Butternut	44	—34	6.9	1.30	13.0
Chilton	60	—15	15.0	0.50	
Citypoint	40	—20	10.8	.....	.....
Delavan	55	—13	15.6	1.23	13.5
Dodgeville	41	—15	13.4	1.37	9.0
Easton	42	—18	9.2	1.34	6.0
Wisconsin—Cont'd.					
Eau Claire	36	—23	8.0	1.49	14.5
Florence	34	—23	7.8	1.60	16.0
Fond du Lac	42	—14	14.2	1.69	7.0
Grand River Locks	.....	.....	.....	1.42	6.5
Grantsburg	35	—33	4.0	1.42	14.2
Gratiot	40	—14	15.3	1.40	8.0
Hartford	42	—15	14.8	2.77	11.5
Hartland	44	—11	14.6	2.75	7.0
Harvey	42	—12	15.0	2.69	11.4
Hayward	35	—32	5.5	1.50	15.0
Heafford	33	—39	3.0	1.61	16.1
Hillsboro	42	—20	11.0	1.20	5.5
Knapp	38	—30	4.6	0.51	5.1
Koepenick*[1]	40	—18	7.4	1.30	18.0
Lancaster	41	—11	10.4	1.14	7.5
Madison	40	—12	13.0	1.71	9.0
Manitowoc	38	—12	15.2	1.89	10.2
Meadow Valley	41	—18	8.4	0.96	9.0
Medford	41	—29	4.8	1.10	11.0
Menasha	.....	.....	.....	1.44	5.2
Neillsville	36	—22	6.4	1.48	5.0
New Holstein	38	—12	13.5	2.50	12.0
New London	43	—17	10.9	3.69	5.0
North Crandon	.....	.....	.....	1.00	10.0
Oconto	45	—14	14.1	1.77	9.5
Osceola	35	—39	3.8	0.92	11.0
Oshkosh	41	—17	14.6	1.05	.....
Pepin	40	—28	8.4	1.37	10.0
Pine River	41	—19	12.1	1.38	7.1
Portage	40	—12	12.8	1.40	4.0
Port Washington	45	—11	16.4	3.10	17.0
Prairie du Chien	43	— 8	14.7	1.17	4.8
Racine	47	—10	18.2	2.71	.....
Sharon	54	—13	13.6	2.42	15.0
Shawano	40	—14	10.8	1.06	3.0
Sheboygan	39	— 6	16.3	0.45	3.5
Spooner	39	—28	8.2	3.20	32.0
Stevens Point	39	—19	9.9	0.41	4.0
Sturgeon Bay Canal*[2]	41	—26	12.4	.....	.....
Valley Junction	41	—18	10.0	0.66	5.0
Viroqua	40	—16	11.4	1.35	6.2
Watertown	42	—14	13.2	2.60	12.5
Waukesha	50	—12	15.0	1.87	7.5
Wausau	36	—22	8.4	1.55	15.5
Wausaukee	.....	.....	.....	0.97	.....
Westbend	45[i]	—12[e]	17.0[h]	.....	.....
Westfield	40	—17	12.3	0.80	4.0
Whitehall	42	—26	9.1	1.00	13.2
Wyoming.					
Alcova	49	—22	23.4	0.68	8.0
Basin	43	—36	11.6	T.	T.
Bedford	45	—18	21.2	2.03	19.6
Bigpiney	40	—20	16.4	1.00	10.0
Buffalo	55	—24	21.5	0.13	1.3
Burlington	56	—29	21.0	0.20	2.0
Burns	53	—21	13.9	0.55	5.5
Carbon	43	—14	23.2	0.85	.....
Centennial	44	—18	20.6	4.00	40.0
Cody	60	—21	25.3	0.45	4.5
Dome Lake	.....	.....	.....	1.50	15.0
Embar	55	—23	23.4	0.50	5.0
Evanston	38	—15	17.4	1.83	13.8
Fort Laramie	56	—20	25.1	0.90	7.0
Fort Washakie	54	—31	18.8	1.00	10.0
Fort Yellowstone	.....	—25	.....	1.65	16.5
Fourbear	48	—32	19.1	0.73	11.7
Hyattville	50	—29	20.4	0.05	1.5
Iron Mountain	46	—21	22.1	0.90	.....
Kimball Ranch	52[c]	—24[c]	22.5[c]	0.48	4.8
Laramie	44	—19	19.6	0.82	8.8
Lovell	47	—32	18.4	0.21	2.1
Lusk	48	—26	19.2	0.15	1.5
Parkman	52	—35	21.8	0.42	11.5
Rawlins	44	—30	19.7	1.02	10.2
Sheridan	50	—30	20.6	0.65	6.5
Sherman	.....	.....	.....	2.30	23.0
Thayne	46	—19	21.6	1.49	19.4
Thermopolis	50	—32	20.0	0.85	8.5
Wamsutter	50	0	29.9	0.40	4.0
Puerto Rico.					
Adjuntas	85	49	67.5	0.63	
Aguadilla	88	71	78.6	1.32	
Arecibo	87	60	73.0	0.87	
Bayamon	94	59	75.6	1.06	
Caguas	89	59	73.3	1.62	
Canovanas	86	62	75.2	1.94	
Cayey	81	53	69.2	2.08	
Comerio	89	46	67.1	0.74	
Corozal	92	55	72.6	2.32	
Fajardo	86	67	76.4	0.65	
Hacienda Coloso	92	59	74.6	0.63	
Humacao	86	63	75.2	0.12	
Isabela	83	65	75.0	1.46	
La Isolina	86	60	72.2	1.32	
Lajas	91	59	77.4	0.80	
Luquillo	84	65	73.8	3.17	

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.
Puerto Rico—Cont'd.	°	°	°	*Ins.*	*Ins.*
Manati	91	58	74.4	1.65	
Maunabo	87	68	76.6	0.94	
Mayaguez	91	63	76.4	1.06	
Morovis	90	58	73.7	2.00	
Port America	90	50	74.1	1.83	
Puerta de Tierra	88	68	76.8	1.77	
San German	85	60	72.4	0.33	
San Lorenzo	89	59	73.2	1.42	
Vieques	89	67	76.2	3.85	
Yanco	98	56	75.8	0.28	
Mexico.					
Ciudad P. Diaz	82	27	56.6	0.25	
Leon de Aldamas	79	36	59.4	0.04	
Puebla	73	46	61.3	T.	
Topolobampo *[1]	85	49	64.5	1.92	
New Brunswick.					
St. John	47	— 9	22.6	.....	
Late reports for January, 1900.					
Alaska.					
Sitka	48	23	35.7	8.71	T.
Arizona.					
Walnutgrove	.....	.....	.....	0.00	
California.					
Ogilby *[1]	84	51	62.3	0.00	
San Miguel Island	74	43	56.4	1.76	
Santa Paula	81	40	60.8	1.67	
Upperlake	73	30	50.8	3.98	
Indiana.					
Edwardsville	.....	.....	.....	3.29	0.9
Louisiana.					
L'argent	79	19	51.6	2.25	T.
Venice	75	30	52.4	5.06	
Massachusetts.					
Leicester	52	— 2	24.6	2.45	5.0
New Mexico.					
Shattucks Ranch [d]	65	15	40.5	1.75	17.0
Winsors Ranch	59	0	30.8	1.10	.....
New York.	°	°	°	*Ins.*	*Ins.*
Elmira	54	2	29.5	.....	.....
North Dakota.					
Bottineau	.....	—30	.....	0.37	3.7
Oregon.					
Langlois	72	29	50.6	10.34	
Pennsylvania.					
Forks of Neshaminy *[1]	54	9	30.7	.....	.....
South Dakota.					
Grand River School	62	—17	22.6	0.04	1.0
Texas.					
Menardville	.....	.....	.....	1.72	
Mount Blanco	74	13	40.6	0.05	
Panchita	.....	.....	.....	1.50	
San Antonio	76	23	54.0	5.15	
Washington.					
Snoqualmie	61	34	47.0	6.88	
Wyoming.					
Dome Lake	.....	.....	.....	1.90	19.0
Cuba.					
Aguacate	85	45	66.4	1.57	
Anstralia	87	46	68.7	0.37	
Banaguises	87	50	68.9	1.31	
Batabano	88	52	68.3	1.88	
Camajuani	84	49	66.9	2.03	
Cardenas	86	54	69.2	1.35	
Cienfuegos	.....	.....	.....	0.74	
Gibara	87	59	72.1	6.89	
Guanajay	81	55	70.8	3.14	
Holguin	86	60	72.1	2.84	
Manzanillo	83	63	74.2	0.85	
Matanzas	84	50	66.9	1.80	
Moron Trocha	87	51	71.6	4.42	
Pinar del Rio	87	51	70.0	5.49	
Sagua la Grande	86	45	69.0	1.39	
Santa Clara	89	50	68.8	0.09	
Soledad	84	46	69.1	0.99	
Union de Reyes	83	51	70.6	1.16	
Puerto Rico.					
Caguas	89	59	72.4	2.05	

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.

[7] Mean from hourly readings of thermograph.

[9] Mean of sunrise and noon.

[10] Mean of sunrise, noon, sunset, and midnight.

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.

CORRECTION.

December, 1899, Iowa, Pacific Junction, make precipitation read 1.40 instead of 1.73.

December, 1899, Oregon, Riddles, make precipitation read 4.90 instead of 4.85.

January, 1900, California, Yuba City, make mean temperature read 51.0 instead of 56.0.

January, 1900, Puerto Rico, Caguas, strike out all values.

NOTE.—The following changes have been made in the names of stations: California, Elmwood changed to Elmdale; California, West Palmdale, changed to Palmdale; Kansas, Centropolis changed to Coburn.

TABLE III.—*Mean temperature for each hour of seventy-fifth meridian time, February*, 1900.

Stations.	1 a. m.	2 a. m.	3 a. m.	4 a. m.	5 a. m.	6 a. m.	7 a. m.	8 a. m.	9 a. m.	10 a. m.	11 a. m.	Noon.	1 p. m.	2 p. m.	3 p. m.	4 p. m.	5 p. m.	6 p. m.	7 p. m.	8 p. m.	9 p. m.	10 p. m.	11 p. m.	Midn't.	Mean.
Bismarck, N. Dak....	0.9	0.2	-0.3	-0.8	-1.4	-2.2	-2.8	-2.7	-3.1	-2.1	0.6	3.4	5.9	8.1	9.5	11.3	12.1	11.9	10.8	7.9	6.1	4.6	3.4	2.6	3.5
Boston, Mass	26.5	25.8	25.5	25.3	25.1	25.1	25.4	25.8	27.3	28.8	30.1	31.8	32.6	33.4	33.7	33.6	33.2	32.5	31.4	30.6	30.1	29.4	28.3	27.9	29.1
Buffalo, N. Y.....	22.1	21.6	21.5	21.5	21.4	21.1	21.2	21.6	22.0	22.6	23.5	24.8	25.8	26.0	26.3	26.4	26.2	25.4	24.7	23.9	23.6	23.4	22.9	22.7	23.4
Cedar City, Utah....	34.3	33.9	33.2	32.4	31.4	30.8	29.8	29.4	28.6	29.5	32.8	36.5	38.8	41.3	43.2	44.5	45.2	45.8	45.2	43.4	39.1	37.8	37.3	35.8	36.7
Chicago, Ill.....	18.1	17.7	17.2	16.9	17.1	17.1	17.1	17.4	17.4	18.1	19.1	20.3	21.3	22.3	23.2	23.9	24.0	23.4	22.6	22.1	21.1	20.6	20.2	19.7	19.9
Cincinnati, Ohio....	28.5	28.1	27.9	28.0	27.6	26.7	26.1	26.4	26.0	26.7	28.4	29.9	31.3	32.1	33.6	34.6	35.0	34.8	34.2	33.3	32.0	31.5	30.9	30.3	30.2
Cleveland, Ohio	22.2	22.2	21.9	21.9	21.6	21.6	21.7	22.0	22.6	23.0	23.9	24.6	25.4	26.0	26.8	26.8	26.9	26.9	26.5	26.2	25.9	24.8	24.0	23.8	24.1
Detroit, Mich.....	20.1	19.9	19.6	19.2	19.3	19.0	18.7	18.6	18.6	19.7	21.0	22.4	23.2	23.9	24.6	24.9	24.9	24.1	23.0	22.6	22.2	21.6	21.1	20.9	21.4
Dodge, Kans.....	25.5	24.6	23.9	23.4	22.2	21.7	21.6	21.8	21.6	23.4	27.6	31.4	34.6	36.5	38.4	39.8	40.7	39.9	37.5	32.5	30.1	28.6	27.6	26.5	29.2
Eastport, Me.....	21.7	21.6	21.1	20.6	20.1	20.0	19.6	19.6	20.6	21.8	23.0	23.9	24.6	25.1	25.4	25.0	24.4	23.8	23.5	23.4	22.8	22.5	22.2	22.0	22.4
Galveston, Tex.....	51.7	51.6	51.3	51.1	50.8	50.4	49.9	49.8	50.0	50.6	51.8	53.2	54.1	54.8	55.0	55.5	55.2	55.2	54.6	54.2	53.6	53.4	52.7	52.2	52.6
Havre, Mont.....	9.1	8.6	7.3	7.1	6.8	6.8	7.4	7.5	7.6	7.8	8.6	10.1	11.6	13.8	16.1	16.4	16.9	16.7	16.1	14.9	12.7	11.8	10.7	9.9	10.9
Independence, Cal..	46.7	45.8	44.8	43.9	42.7	41.9	40.4	40.9	38.9	38.4	40.3	44.4	48.0	52.0	55.4	57.3	58.9	59.0	58.7	57.3	52.2	50.8	49.5	48.2	48.2
Kalispell, Mont	23.2	22.9	21.8	21.2	20.4	20.1	19.5	19.2	18.5	18.6	19.0	20.4	22.8	25.0	27.0	27.8	28.9	29.2	28.8	27.3	26.0	25.2	24.8	24.1	23.4
Kansas City, Mo.....	23.5	22.8	22.2	21.9	21.3	20.8	20.5	20.1	20.1	21.4	23.4	25.2	26.8	28.1	28.5	29.2	29.8	29.2	28.5	27.5	26.5	25.5	24.8	24.4	24.7
Key West, Fla.....	66.9	66.8	66.6	66.3	66.2	66.1	66.3	66.9	68.3	68.9	69.7	70.6	71.4	71.8	71.5	70.8	70.4	69.8	68.6	68.5	68.0	67.5	67.0	67.2	68.4
Marquette, Mich	9.7	9.6	9.4	9.3	8.9	8.4	7.9	7.8	8.4	9.9	11.5	13.2	14.2	15.0	15.8	15.6	15.3	14.7	13.6	12.9	12.0	11.6	11.1	10.6	11.5
Memphis, Tenn.....	38.1	37.4	36.9	36.5	36.2	35.9	35.4	35.0	35.8	37.2	39.0	40.1	41.9	43.0	44.7	45.4	44.8	43.8	43.0	42.5	41.5	40.9	39.8	39.3	39.7
Mt. Tamalpais, Cal..	47.9	47.7	47.7	47.5	47.1	46.8	46.4	46.7	46.1	45.9	46.4	47.0	47.8	48.7	49.9	51.1	51.1	50.7	50.8	49.4	49.0	48.4	48.4	48.4	48.2
New Orleans, La.....	51.9	51.5	51.1	50.9	50.7	50.0	49.7	49.5	50.4	51.2	53.4	54.9	56.2	57.1	57.6	58.6	58.4	57.6	56.1	54.7	53.5	53.0	52.7	52.1	53.5
New York, N. Y.....	29.5	28.7	28.3	28.0	27.8	27.6	27.5	27.7	28.3	29.7	31.2	32.9	33.6	34.5	35.2	35.3	34.9	34.1	33.4	32.9	32.1	31.8	31.8	31.3	31.2
Philadelphia, Pa.....	29.4	29.3	29.1	28.8	28.2	28.0	28.2	29.0	30.5	32.0	33.3	35.2	36.6	37.6	38.2	38.1	37.4	36.1	35.1	34.8	33.4	32.7	31.5	31.2	32.7
Pittsburg, Pa.....	26.2	26.1	25.8	25.4	25.6	25.6	26.0	26.4	26.8	28.1	29.3	30.6	32.3	33.0	33.0	33.4	33.4	32.8	31.6	30.2	29.4	28.9	28.2	28.0	29.0
Portland, Oreg.....	41.4	41.1	40.5	39.4	39.1	38.9	38.9	39.5	38.9	38.2	38.3	38.9	40.0	41.1	42.9	44.0	44.8	45.2	45.4	45.1	44.5	43.8	42.9	42.2	41.5
St. Louis, Mo.....	28.5	28.0	27.6	26.9	26.3	26.0	25.2	24.9	24.8	25.5	27.4	29.2	30.6	31.8	32.9	33.4	33.4	32.9	32.0	31.5	30.8	30.4	30.0	29.4	29.1
St. Paul, Minn.....	7.3	6.7	6.1	5.7	5.1	4.4	4.0	4.0	3.4	3.5	5.2	7.1	9.1	11.1	12.8	14.3	15.0	15.0	13.8	12.5	11.4	10.4	9.8	8.9	8.6
Salt Lake City, Utah.	32.1	31.4	30.4	30.5	30.1	30.0	30.2	30.6	29.6	29.1	31.0	33.5	35.7	37.1	38.1	39.2	39.8	39.9	38.9	37.0	35.8	34.6	33.6	33.1	33.8
San Diego, Cal.....	55.0	54.4	53.7	53.3	52.8	52.5	52.1	52.1	52.2	52.3	54.0	57.6	60.0	62.1	63.4	63.3	63.6	63.2	62.4	61.3	59.8	58.6	57.0	55.9	57.2
San Francisco, Cal...	52.0	51.3	50.9	50.7	50.0	49.6	49.5	49.9	49.0	48.6	48.7	49.9	51.4	53.2	55.0	56.9	58.2	58.6	57.8	56.9	55.3	54.5	54.3	53.1	52.7
Santa Fe, N. Mex ...	29.6	29.1	28.1	27.9	27.5	26.8	25.6	26.1	25.7	28.8	31.7	34.3	36.5	38.4	40.1	41.1	42.0	42.2	41.2	38.7	35.4	33.6	31.7	30.8	33.0
Savannah, Ga.....	46.8	46.2	45.7	45.5	45.1	44.9	44.7	45.0	46.4	48.9	51.1	53.0	54.4	55.8	56.6	56.9	55.9	53.9	52.2	50.9	50.1	49.3	48.7	48.3	49.8
Washington, D. C....	30.0	29.4	28.8	28.6	28.0	27.7	27.4	28.2	29.4	31.2	33.5	35.8	37.6	39.3	40.0	40.7	40.2	38.5	36.6	35.1	33.9	33.1	32.8	32.1	33.2
West Indies.																									
Basseterre, St. Kitts.	74.0	74.0	73.8	73.7	74.0	74.4	76.0	77.1	78.1	79.2	79.9	79.8	79.8	79.2	78.5	77.6	75.8	74.9	75.1	75.4	75.2	75.1	74.9	74.4	76.2
Bridgetown, Bar.....	74.0	73.8	73.7	73.5	73.2	74.2	77.6	79.6	80.8	81.7	82.2	83.0	82.7	82.1	81.0	80.1	78.3	76.9	76.1	75.7	75.4	75.1	74.6	74.2	77.5
Cienfuegos, Cuba ...	66.2	65.2	64.0	63.4	63.1	62.9	63.5	65.7	70.0	73.4	75.5	77.5	78.3	78.2	77.2	76.8	75.6	74.1	72.4	71.5	70.3	69.4	68.2	67.2	70.4
Havana, Cuba.....	67.3	66.9	66.5	66.4	66.1	65.8	65.9	66.4	68.6	71.3	73.3	74.4	74.9	75.1	75.2	74.9	73.9	72.9	71.7	71.0	70.2	69.8	69.0	68.1	70.2
Kingston, Jamaica..	69.9	69.8	69.2	69.1	68.6	68.6	68.5	71.6	76.8	79.8	81.4	82.7	83.3	83.0	82.0	81.8	80.5	78.6	76.4	74.5	73.0	72.0	71.2	70.1	75.1
Port of Spain, Trin..	72.3	71.7	71.6	71.5	71.3	72.3	75.5	79.0	80.9	82.4	84.5	85.3	85.0	85.0	84.1	82.2	80.2	77.9	77.0	76.6	75.2	74.5	73.8	73.1	77.5
P. Principe, Cuba...	65.5	64.6	64.3	63.8	63.8	63.7	63.5	66.4	70.8	73.6	75.4	77.6	78.2	79.0	78.6	77.4	76.0	74.0	71.5	69.6	68.4	67.4	67.0	66.4	70.3
Roseau, Dominica ..	73.6	73.4	72.7	73.0	72.9	73.4	75.1	77.6	79.2	80.9	81.9	82.5	82.7	82.2	81.5	80.3	78.5	76.6	75.9	75.9	75.4	75.1	74.5	73.8	77.0
San Juan, P. R.....	72.4	72.2	72.1	71.8	71.6	71.5	72.9	75.2	78.2	79.2	79.9	79.8	79.9	80.0	79.3	78.9	77.3	76.0	75.6	75.2	74.4	74.1	73.6	72.8	75.6
Santiago de Cuba...	70.0	69.4	69.0	68.6	68.2	68.3	69.2	71.3	76.9	79.6	82.3	82.9	83.5	83.5	82.7	81.5	79.6	77.2	75.7	74.5	73.5	72.7	71.8	71.0	75.1
Willemstad, Curaçao	76.5	76.2	76.0	75.9	75.9	75.7	77.4	79.0	80.0	81.2	82.5	82.5	82.3	82.5	81.8	81.2	79.5	78.1	77.9	77.6	77.3	77.2	76.9	76.9	78.7

TABLE IV.—*Mean pressure for each hour of seventy-fifth meridian time, February*, 1900.

Stations.	1 a. m.	2 a. m.	3 a. m.	4 a. m.	5 a. m.	6 a. m.	7 a. m.	8 a. m.	9 a. m.	10 a. m.	11 a. m.	Noon.	1 p. m.	2 p. m.	3 p. m.	4 p. m.	5 p. m.	6 p. m.	7 p. m.	8 p. m.	9 p. m.	10 p. m.	11 p. m.	Midn't.	Mean.
Bismarck, N. Dak....	28.272	.275	.273	.274	.271	.272	.272	.275	.276	.279	.278	.279	.272	.259	.241	.232	.233	.235	.240	.248	.258	.259	.262	.263	.263
Boston, Mass.....	29.819	.816	.810	.806	.803	.805	.815	.826	.830	.829	.824	.814	.799	.893	.795	.806	.818	.828	.840	.846	.857	.858	.855	.854	.828
Buffalo, N. Y.....	29.103	.100	.102	.098	.099	.097	.099	.103	.110	.113	.113	.106	.096	.085	.090	.100	.105	.118	.128	.129	.132	.131	.126	.120	.108
Cedar City, Utah....	24.241	.241	.241	.240	.239	.236	.234	.234	.240	.250	.264	.274	.275	.268	.250	.227	.217	.212	.211	.213	.220	.226	.233	.238	.239
Chicago, Ill.....	29.098	.094	.092	.088	.089	.091	.096	.102	.110	.115	.124	.132	.118	.095	.086	.088	.089	.095	.102	.108	.108	.106	.104	.099	.101
Cincinnati, Ohio	29.332	.330	.330	.329	.333	.336	.339	.351	.362	.368	.371	.369	.352	.335	.323	.321	.320	.324	.332	.333	.335	.335	.328	.324	.338
Cleveland, Ohio	29.133	.129	.126	.126	.127	.127	.131	.138	.147	.150	.155	.152	.141	.132	.135	.140	.145	.152	.157	.159	.152	.147	.144	.137	.141
Detroit, Mich.....	29.166	.160	.156	.153	.150	.152	.157	.164	.174	.177	.180	.182	.175	.166	.160	.167	.170	.178	.183	.188	.185	.182	.180	.172	.170
Dodge, Kans	27.365	.361	.360	.359	.356	.355	.360	.364	.372	.381	.384	.384	.376	.357	.335	.319	.314	.318	.325	.327	.349	.353	.357	.359	.354
Eastport, Me.....	29.826	.825	.829	.829	.838	.841	.849	.860	.860	.860	.849	.838	.828	.821	.822	.825	.836	.848	.855	.862	.870	.871	.867	.868	.845
Galveston, Tex.....	29.992	.989	.985	.983	.985	.983	.991	.998	.013	.030	.040	.043	.021	.995	.971	.957	.952	.951	.953	.959	.973	.985	.990	.992	.989
Havre, Mont.....	27.355	.351	.349	.344	.342	.334	.330	.328	.324	.333	.342	.355	.362	.359	.347	.341	.338	.335	.340	.346	.349	.346	.348	.350	.344
Independence, Cal..	26.004	.009	.011	.004	.007	.010	.015	.018	.033	.040	.052	.075	.074	.064	.034	.008	.987	.976	.968	.967	.971	.979	.988	.996	.012
Kalispell, Mont	26.915	.913	.911	.909	.910	.906	.910	.916	.918	.926	.937	.944	.944	.941	.927	.916	.905	.902	.900	.902	.908	.907	.906	.909	.916
Kansas City, Mo.....	29.015	.016	.018	.019	.024	.028	.032	.036	.042	.051	.054	.054	.039	.015	.994	.990	.990	.989	.992	.004	.006	.007	.014	.014	.019
Key West, Fla.....	30.081	.074	.065	.061	.064	.073	.085	.094	.112	.123	.122	.108	.084	.061	.046	.038	.036	.040	.048	.059	.071	.078	.084	.082	.075
Marquette, Mich ...	29.137	.136	.137	.131	.130	.132	.131	.134	.138	.141	.142	.143	.141	.130	.119	.120	.125	.135	.141	.146	.147	.149	.153	.153	.137
Memphis, Tenn.....	29.615	.619	.616	.618	.616	.623	.630	.644	.658	.665	.671	.668	.646	.624	.604	.594	.596	.595	.598	.600	.604	.606	.607	.605	.622
Mt. Tamalpais, Cal .	27.646	.648	.649	.645	.644	.639	.638	.635	.641	.649	.662	.674	.680	.682	.673	.658	.641	.634	.630	.630	.624	.627	.633	.640	.647
New Orleans, La.....	29.997	.991	.985	.979	.981	.988	.999	.012	.030	.039	.040	.039	.020	.000	.988	.979	.973	.978	.985	.989	.999	.000	.002	.000	.000
New York, N. Y.....	29.630	.626	.623	.622	.628	.631	.645	.661	.667	.666	.660	.644	.628	.617	.619	.625	.639	.650	.659	.668	.670	.671	.662	.654	.644
Philadelphia, Pa.....	29.890	.890	.887	.890	.894	.898	.909	.922	.930	930	.928	.907	.888	.880	.876	.882	.893	.901	.907	.908	.910	.910	.907	.904	.902
Pittsburg, Pa.....	29.059	.054	.053	.052	.059	.065	.073	.084	.089	.084	.082	.070	.056	.052	.052	.055	.059	.066	.073	.076	.078	.078	.072	.065	.067
Portland, Oreg..... .	29.975	.980	.982	.982	.984	.987	.986	.990	.989	.994	.000	.005	.009	.006	.999	.986	.974	.965	.962	.957	.958	.963	.969	.972	.981
St. Louis, Mo.....	29.407	.404	.400	.398	.395	.401	.412	.425	.438	.452	.453	.454	.441	.419	.396	.391	.389	.392	.395	.402	.398	.399	.400	.401	.411
St. Paul, Minn.....	29.136	.136	.135	.139	.139	.140	.142	.138	.144	.150	.156	.157	.155	.140	.123	.117	.111	.119	.122	.130	.134	.136	.141	.142	.131
Salt Lake City, Utah.	25.648	.648	.645	.643	.640	.631	.629	.638	.644	.656	.664	.670	.674	.669	.652	.640	.632	.632	.632	.636	.644	.646	.646	.649	.646
San Diego, Cal.....	29.918	.920	.917	.913	.910	.907	.903	.905	.914	.921	.930	.937	.940	.937	.918	.900	.884	.876	.875	.878	.888	.897	.903	.910	.908
San Francisco, Cal...	29.998	.001	.001	.999	.000	.995	.991	.992	.998	.006	.020	.029	.037	.035	.020	.002	.985	.977	.972	.968	.972	.978	.981	.988	.998
Santa Fe, N. Mex ...	23.152	.150	.147	.145	.141	.140	.143	.142	.153	.162	.173	.177	.172	.156	.134	.121	.113	.114	.120	.128	.138	.146	.153	.154	.145
Savannah, Ga.....	30.017	.017	.010	.010	.012	.022	.028	.039	.046	.049	.044	.032	.005	.982	.971	.971	.973	.978	.986	.992	.996	.004	.006	.004	.008
Washington, D. C....	29.915	.914	.912	.913	.921	.924	.939	.950	.061	.960	.952	.939	.910	.895	.884	.885	.893	.900	.910	.913	.915	.919	.920	.917	.919
West Indies.																									
Basseterre, St. Kitts.	29.989	.978	.971	.973	.985	.004	.025	.040	.050	.043	.027	.004	.985	.973	.971	.974	.984	.992	.004	.014	.019	.018	.012	.002	.001
Bridgetown, Bar....	29.942	.935	.936	.940	.954	.967	.982	.997	.002	.992	.973	.951	.932	.921	.919	.925	.933	.944	.955	.963	.969	.969	.965	.955	.955
Cienfuegos, Cuba...	29.992	.978	.969	.968	.970	.982	.997	.012	.025	.032	.028	.011	.983	.958	.943	.939	.944	.955	.968	.982	.999	.005	.008	.003	985
Havana, Cuba.....	30.011	.004	.993	.989	.992	.995	.013	.032	.041	.052	.051	.038	.014	.991	.972	.965	.968	.976	.990	.002	.013	.021	.023	.017	.007
Kingston, Jamaica..	29.688	.677	.666	.663	.666	.676	.698	.714	.729	.735	.727	.705	.675	.652	.635	.632	.635	.647	.660	.680	.695	.704	.704	.701	.682
Port of Spain, Trin..	29.883	.876	.871	.878	.890	.909	.929	.942	.948	.936	.914	.889	.864	.848	.845	.851	.859	.869	.884	.899	.907	.909	.905	.896	.892
P. Principe, Cuba...	29.669	.656	.647	.648	.658	.670	.682	.699	.710	.716	.705	.684	.659	.641	.631	.631	.639	.648	.660	.674	.683	.688	.686	.679	.669
Roseau, Dominica ..	29.960	.949	.949	.950	.962	.976	.993	.012	.017	.011	.992	.969	.953	.940	.938	.941	.948	.956	.965	.976	.982	.984	.982	.974	.970
San Juan, P. R.....	29.949	.936	.932	.934	.945	.961	.976	.990	.003	.000	.985	.964	.945	.928	.922	.928	.934	.945	.957	.968	.976	.978	.971	.961	.958
Santiago de Cuba...	29.914	.905	.897	.899	.911	.920	.935	.945	.961	.963	.947	.922	.894	.877	.866	.867	.877	.886	.900	.915	.934	.937	.936	.929	.914
Santo Domingo, S. D.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Willemstad, Curaçao	29.845	.836	.828	.831	.846	.863	.887	.900	.909	.905	.881	.859	.828	.806	.795	.797	.804	.814	.831	.849	.864	.869	.869	.863	.842

TABLE V.—*Average wind movement for each hour of seventy-fifth meridian time, February,* 1900.

Stations.	1 a. m.	2 a. m.	3 a. m.	4 a. m.	5 a. m.	6 a. m.	7 a. m.	8 a. m.	9 a. m.	10 a. m.	11 a. m.	Noon.	1 p. m.	2 p. m.	3 p. m.	4 p. m.	5 p. m.	6 p. m.	7 p. m.	8 p. m.	9 p. m.	10 p. m.	11 p. m.	Midnight.	Mean.
Abilene, Tex	10.8	10.8	11.4	11.2	10.8	10.8	10.8	10.2	9.9	11.1	14.2	15.1	15.8	16.0	16.2	16.4	16.5	15.1	14.1	11.8	9.7	10.4	10.7	10.7	12.5
Albany, N. Y	6.5	6.8	6.7	7.4	7.2	7.5	7.6	8.4	9.0	10.4	11.7	12.6	13.4	13.1	12.2	11.7	10.4	9.6	8.4	8.9	8.0	7.6	7.6	7.8	9.2
Alpena, Mich	9.8	9.0	9.1	8.5	8.7	8.8	9.8	10.2	11.5	12.9	14.0	14.4	14.7	15.0	14.6	14.0	14.1	13.0	12.1	11.4	11.5	11.1	10.1	10.2	11.6
Amarillo, Tex	18.1	18.1	16.9	16.9	17.1	16.6	16.7	16.0	17.1	16.7	19.8	22.7	23.0	22.0	21.5	21.7	20.9	20.2	17.1	14.8	14.8	15.1	15.9	17.1	18.2
Atlanta, Ga	14.8	14.2	13.8	13.9	13.3	13.1	13.9	14.3	14.7	14.5	15.2	14.8	15.0	14.7	14.9	15.2	14.8	13.9	13.9	14.6	13.5	13.6	13.6	14.3	14.3
Atlantic City, N. J	14.6	13.9	14.5	14.4	14.5	14.2	14.6	14.2	15.9	17.2	17.9	17.6	17.6	16.9	16.6	16.4	16.1	14.4	13.1	13.5	13.6	13.8	13.0	12.7	15.0
Augusta, Ga	7.5	7.6	7.6	7.1	6.5	6.1	6.1	6.5	7.8	8.6	8.8	9.0	9.3	10.1	10.9	11.5	11.4	9.8	8.0	8.1	8.4	8.1	8.0	8.2	8.4
Baker City, Oreg	5.5	5.8	5.8	5.4	5.8	6.5	5.9	7.3	7.6	7.4	7.8	6.4	6.1	5.3	5.4	6.2	6.6	7.1	6.0	5.2	3.9	3.8	4.2	5.1	5.9
Baltimore, Md	5.8	6.0	5.5	5.8	5.6	5.7	5.5	6.1	6.6	6.9	7.8	8.0	8.1	8.6	8.8	8.4	8.2	8.1	7.0	6.4	6.0	5.8	5.8	5.9	6.8
Bismarck, N. Dak	8.9	8.3	8.4	8.1	8.8	7.9	8.4	8.1	7.4	7.7	9.5	11.4	12.7	12.4	12.8	12.9	13.0	12.2	11.8	10.1	9.7	9.1	9.1	9.5	9.9
Block Island, R. I	22.7	22.7	24.1	23.6	22.4	20.8	20.9	21.3	22.6	23.2	23.7	22.8	22.0	23.7	23.6	23.1	22.9	22.5	23.0	22.5	22.5	22.5	23.0	21.4	22.7
Boise, Idaho	4.1	3.9	3.4	3.3	3.5	3.1	3.1	3.3	3.4	3.2	3.3	4.2	5.1	5.5	6.3	6.6	6.9	6.9	6.0	5.0	4.1	3.7	3.9	4.1	4.4
Boston, Mass	13.6	14.3	14.4	14.0	13.9	12.7	12.5	13.5	14.3	15.1	16.3	16.5	17.5	17.3	17.1	16.9	16.1	14.0	13.9	13.2	12.7	12.8	13.0	12.9	14.5
Buffalo, N. Y	16.8	16.3	15.8	16.0	15.9	15.4	16.1	16.4	17.2	16.6	16.9	17.1	19.2	19.4	20.0	19.5	19.4	18.2	18.2	17.4	16.7	16.3	16.5	16.5	17.2
Cairo, Ill	11.2	11.6	12.0	12.0	11.7	11.6	11.7	11.2	11.4	11.2	11.2	11.2	11.1	11.0	11.7	12.3	12.0	12.1	11.2	10.8	10.9	10.5	11.1	11.4	11.4
Cape Henry, Va	16.5	17.0	16.2	16.3	16.1	15.7	15.2	15.1	15.2	16.1	16.2	16.5	17.5	17.1	15.9	15.7	14.5	14.2	13.9	13.6	14.7	15.8	16.5	15.8	15.7
Carson City, Nev	7.6	8.0	8.1	7.2	6.9	6.1	6.2	6.2	6.1	5.6	4.7	4.4	4.8	7.1	8.5	8.5	8.0	8.7	9.4	9.3	9.8	8.8	7.8	7.8	7.3
Cedar City, Utah	5.7	6.2	6.1	6.5	6.2	6.0	5.5	5.6	5.3	5.0	5.5	4.7	6.8	7.1	7.6	8.2	8.9	8.4	8.6	7.7	6.6	6.8	6.8	6.5	6.6
Charleston, S. C	11.6	11.3	11.1	11.1	11.5	11.3	11.4	11.2	11.3	12.6	13.1	13.3	14.2	14.2	14.5	14.4	14.2	13.2	11.7	11.0	10.7	11.4	11.8	12.0	12.3
Charlotte, N. C	7.8	7.8	8.3	7.4	7.7	7.5	7.0	7.4	8.4	9.2	9.5	10.4	9.8	9.9	11.0	11.1	10.3	9.5	8.0	8.5	8.4	8.6	8.6	8.0	8.8
Chattanooga, Tenn	8.9	7.9	8.5	8.1	8.5	8.8	8.9	8.6	8.6	9.2	9.1	10.6	11.2	11.9	12.6	12.1	12.3	11.9	10.3	9.4	8.8	9.4	8.9	9.3	9.7
Cheyenne, Wyo	11.8	12.1	12.0	10.6	11.2	10.8	12.2	13.1	13.9	15.2	16.3	17.1	19.5	21.3	19.8	18.9	17.9	17.4	16.5	13.2	11.6	11.5	10.9	11.6	14.4
Chicago, Ill	18.2	18.1	17.9	18.1	19.0	19.3	19.5	19.4	19.2	19.2	20.2	19.6	21.1	20.5	20.0	19.7	18.8	18.5	18.4	18.8	18.8	18.9	18.0	18.2	19.1
Cincinnati, Ohio	9.0	8.2	7.8	8.3	9.0	9.1	9.1	9.5	10.6	10.6	10.7	10.7	10.8	10.9	10.9	10.4	10.2	10.1	10.3	9.6	9.9	9.2	8.8	8.4	9.7
Cleveland, Ohio	17.9	17.9	16.9	16.7	15.8	15.4	15.7	16.1	16.9	17.9	18.5	18.8	18.6	18.7	17.6	17.5	17.0	16.2	16.8	17.4	17.9	17.8	18.2	17.5	17.3
Columbia, Mo	9.3	9.3	10.5	10.6	10.3	10.0	9.5	9.5	10.1	10.6	10.5	10.5	11.0	11.2	11.6	11.6	12.0	11.1	10.3	10.0	10.1	10.7	10.8	10.7	10.5
Columbus, Ohio	8.6	8.6	8.5	8.2	8.4	8.4	8.6	8.7	9.8	11.1	11.2	11.7	12.0	11.5	11.2	10.9	10.8	10.1	10.0	9.3	9.4	9.5	9.2	8.6	9.8
Concordia, Kans	7.0	7.7	7.9	7.4	7.4	6.6	6.7	6.2	6.8	7.9	9.1	9.6	10.3	10.9	10.6	10.6	10.4	9.9	7.7	6.0	6.5	6.8	7.6	6.9	8.1
Corpus Christi, Tex	12.0	12.5	11.9	12.3	11.9	11.1	11.8	11.4	10.9	12.2	13.5	13.8	14.4	14.0	13.7	13.9	14.0	14.4	13.8	12.2	11.1	11.0	10.9	11.4	12.5
Davenport, Iowa	8.2	7.6	7.9	7.5	7.6	8.0	8.2	8.3	8.9	9.4	9.6	9.9	10.5	11.0	10.8	11.0	10.8	10.1	9.0	8.1	8.0	8.0	7.8	8.0	8.9
Denver, Colo	8.4	8.3	8.5	8.2	8.2	7.6	7.9	7.5	7.7	7.9	9.2	10.0	10.0	10.8	12.8	12.4	12.3	13.1	12.0	11.0	9.0	8.6	8.8	8.6	9.5
Des Moines, Iowa	8.8	8.9	8.1	7.5	8.1	7.8	8.3	8.1	8.2	8.9	10.0	10.1	10.6	10.8	10.8	11.0	10.7	10.5	9.2	9.2	9.1	9.4	9.2	8.8	9.3
Detroit, Mich	10.6	10.6	10.2	10.4	10.0	10.1	10.4	11.4	11.6	12.0	11.9	12.9	13.5	13.8	14.0	13.9	13.1	11.8	11.1	10.6	10.6	10.8	11.0	10.1	11.5
Dodge, Kans	9.8	9.3	10.6	10.5	10.5	10.5	10.1	9.7	9.6	11.1	13.1	14.4	15.3	15.7	15.7	16.2	16.0	14.6	12.5	9.8	9.4	9.8	9.9	9.8	11.8
Dubuque, Iowa	9.4	9.3	9.0	8.3	8.4	8.0	8.4	8.0	8.9	9.3	9.9	9.9	10.2	10.8	11.2	10.3	10.3	9.9	9.1	8.3	8.2	8.3	8.5	8.8	9.2
Duluth, Minn	11.8	12.0	10.9	10.9	10.6	9.7	9.6	9.8	9.8	9.5	8.5	9.0	10.0	10.6	10.5	11.0	10.4	9.5	8.5	9.2	9.9	10.9	11.9	11.5	10.3
Eastport, Me	14.4	15.1	16.2	15.9	16.1	15.6	15.9	15.5	15.9	16.8	16.6	15.7	14.5	14.8	15.6	16.2	16.2	16.2	15.9	15.4	15.8	15.0	15.2	14.4	15.6
Elkins, W. Va	5.7	5.2	5.8	5.2	5.2	5.5	6.3	6.2	6.8	7.2	7.2	9.8	10.5	9.9	9.5	8.5	7.7	6.9	6.2	5.8	6.4	6.1	6.1	5.6	7.0
El Paso, Tex	11.9	11.6	11.5	11.4	11.5	10.5	10.8	9.2	9.0	9.1	9.4	10.6	12.0	13.2	13.9	14.4	14.4	15.5	16.4	15.1	13.0	11.9	10.5	10.7	12.0
Erie, Pa	15.5	15.1	15.2	14.8	14.2	13.5	13.1	13.5	13.5	14.8	14.7	15.1	15.3	14.9	15.3	14.6	14.5	13.5	12.9	13.0	13.2	13.8	14.1	14.5	14.3
Escanaba, Mich	8.7	8.9	9.2	9.1	8.8	8.9	9.9	9.2	9.3	9.4	10.7	11.3	12.0	12.0	12.3	12.1	11.5	10.9	9.8	9.6	9.3	10.1	9.1	9.1	10.0
Eureka, Cal	4.6	4.1	3.5	3.3	3.2	3.6	3.6	3.1	2.6	2.9	2.5	2.7	4.0	4.3	5.7	8.2	9.6	10.7	11.4	11.4	9.9	7.9	7.0	5.9	5.7
Evansville, Ind	8.0	8.2	8.6	8.3	8.8	8.9	9.1	8.6	8.3	8.4	8.7	9.2	9.3	9.6	9.4	9.5	9.2	8.9	8.0	7.9	7.9	8.4	8.7	8.4	8.7
Fort Smith, Ark	9.5	9.5	8.9	9.0	9.2	9.3	9.9	9.2	9.2	9.9	9.8	9.9	9.8	9.8	9.5	10.7	10.2	9.8	9.6	8.7	8.2	8.7	8.2	8.9	9.4
Fort Worth, Tex	13.8	13.8	13.6	13.7	13.4	13.6	13.0	12.6	11.9	13.3	15.5	15.8	16.7	18.4	18.8	18.2	18.4	18.1	17.3	15.0	14.6	14.6	13.8	13.7	15.1
Fresno, Cal	3.8	4.2	4.2	4.5	4.5	4.5	4.2	4.0	3.7	3.9	3.8	3.3	4.1	4.8	4.8	4.9	5.1	4.9	4.9	4.3	3.2	3.4	3.9	3.9	4.2
Galveston, Tex	12.2	12.5	12.7	12.4	11.7	12.2	12.1	12.7	12.4	12.9	12.9	12.9	12.9	12.6	12.6	13.0	13.6	12.4	11.7	11.9	12.5	12.1	12.0	12.2	12.5
Grand Haven, Mich	11.0	11.5	11.4	12.2	12.4	12.4	12.4	12.5	13.0	13.5	13.0	13.5	13.2	12.9	12.4	12.8	12.2	10.8	10.3	10.5	10.6	10.4	10.4	10.6	11.9
Grand Junction, Colo	4.9	5.1	5.3	6.2	6.0	6.5	6.2	5.8	5.8	5.5	5.8	7.1	6.6	6.4	6.5	7.0	6.5	6.3	5.8	5.6	4.6	3.9	4.1	4.1	5.7
Green Bay, Wis	8.9	9.5	9.3	9.7	9.2	9.2	9.0	9.8	9.8	10.3	11.0	10.1	10.7	10.5	10.3	10.4	10.1	9.5	8.8	7.9	8.6	8.6	9.1	8.9	9.5
Harrisburg, Pa	9.8	10.1	10.0	10.4	9.9	10.0	10.3	10.5	11.2	10.8	10.7	10.8	11.3	11.8	11.8	12.8	12.2	11.5	10.6	10.3	9.9	9.1	9.1	9.1	10.6
Hatteras, N. C	17.6	19.2	19.2	18.6	17.8	17.2	16.9	18.1	18.0	17.6	17.3	16.6	16.6	17.0	17.7	18.0	18.3	18.8	18.6	18.8	18.6	18.4	18.2	17.8	18.0
Havre, Mont	9.1	8.8	8.2	8.1	7.9	7.7	8.3	8.2	7.6	9.8	11.2	10.3	10.2	10.8	12.0	11.6	10.7	11.1	10.7	10.9	11.0	11.2	10.7	10.1	9.8
Helena, Mont	8.2	7.7	7.9	7.6	6.4	7.2	6.7	6.3	6.1	4.4	4.8	5.3	6.3	8.8	9.7	9.9	9.9	10.3	9.3	8.0	8.1	7.9	8.9	9.5	7.7
Huron, S. Dak	10.4	10.5	10.8	11.2	11.0	10.3	9.9	11.2	10.5	11.1	12.7	13.4	13.8	14.3	14.0	14.6	14.8	14.7	12.6	11.5	11.2	11.3	11.1	11.2	12.0
Independence, Cal	8.6	9.8	9.1	10.1	10.2	9.8	8.5	8.2	8.1	7.4	6.9	8.1	9.9	10.5	9.9	10.6	11.5	12.0	12.7	11.5	10.0	9.4	8.0	8.0	9.5
Indianapolis, Ind	11.5	11.5	11.2	11.4	12.0	11.9	12.1	12.3	12.5	13.0	12.9	13.1	13.8	14.5	14.1	13.9	13.7	13.0	12.6	11.6	12.0	11.8	11.2	11.4	12.5
Jacksonville, Fla	6.7	6.9	7.1	7.2	7.1	7.5	7.5	7.1	8.6	10.4	11.3	11.1	11.4	11.6	12.1	12.4	10.9	10.2	8.5	8.4	8.1	7.5	7.2	6.8	8.9
Jupiter, Fla	10.2	10.5	10.7	10.0	9.8	9.7	9.1	10.0	11.6	13.3	14.6	15.1	15.8	16.1	16.2	15.9	14.1	12.5	10.7	10.4	10.0	10.0	10.3	10.0	11.9
Kalispell, Mont	5.4	5.1	5.4	5.1	5.1	4.4	5.0	4.6	4.9	5.3	5.2	4.7	5.3	6.3	7.0	6.9	7.0	6.4	6.5	6.6	6.0	6.0	5.6	5.5	5.6
Kansas City, Mo	9.6	9.9	9.8	9.3	9.0	9.0	8.9	8.9	9.0	9.6	10.2	9.9	10.9	10.9	11.4	11.4	11.6	10.8	10.5	9.6	9.0	9.6	9.9	9.5	9.9
Keokuk, Iowa	8.0	8.2	8.5	8.6	9.0	8.8	8.9	9.0	8.8	9.4	10.2	10.6	10.5	10.8	11.4	11.7	11.0	10.4	9.7	9.4	8.9	8.6	8.6	8.2	9.5
Key West, Fla	11.8	11.3	12.0	12.2	11.6	11.1	11.8	11.8	11.8	13.9	14.1	13.5	13.8	13.0	12.8	13.2	13.0	12.0	12.3	11.8	11.9	11.4	11.9	11.7	12.3
Kittyhawk, N. C	15.8	15.8	17.4	17.8	17.5	16.9	16.9	16.5	15.9	16.5	17.0	16.2	16.7	17.6	17.4	17.6	16.5	16.0	15.9	15.5	14.9	15.4	15.8	15.9	16.5
Knoxville, Tenn	8.2	7.7	7.8	8.6	9.5	8.9	8.8	8.1	8.6	9.4	10.0	11.4	12.5	12.4	11.9	11.9	11.3	10.7	10.9	9.8	9.5	8.8	8.4	8.1	9.7
La Crosse, Wis	7.2	7.3	7.1	6.5	6.8	6.8	6.6	6.3	6.3	7.3	7.5	8.0	7.8	8.3	8.6	8.5	8.2	7.2	6.0	6.2	6.5	6.7	6.9	7.2	7.2
Lander, Wyo	2.5	2.8	2.7	2.4	2.5	2.9	2.8	3.9	4.3	4.1	3.5	3.2	3.6	5.0	4.9	5.6	4.5	4.6	3.8	3.3	3.6	3.5	3.0	2.4	3.6
Lexington, Ky	13.8	13.6	13.4	13.3	13.6	14.1	14.4	14.5	14.9	14.9	15.5	14.1	14.4	14.1	14.0	13.8	13.6	13.1	12.3	11.6	11.8	12.6	13.2	13.2	13.7
Little Rock, Ark	10.2	9.9	9.7	9.1	8.5	8.6	9.2	8.7	8.9	10.3	11.0	11.9	11.6	12.4	12.1	11.7	11.8	11.1	10.9	10.0	10.0	10.1	11.0	11.2	10.4
Los Angeles, Cal	1.8	2.3	2.0	2.2	2.5	2.6	2.9	3.0	3.6	3.7	3.3	3.4	4.4	4.3	4.5	4.8	6.2	7.9	7.6	6.9	5.1	3.2	2.2	1.8	3.8
Louisville, Ky	9.2	9.1	9.8	9.8	9.9	9.9	10.2	10.9	11.0	11.4	11.8	11.5	11.5	10.6	10.9	11.8	11.8	10.7	9.8	9.1	9.2	9.8	9.0	9.5	10.3
Lynchburg, Va	4.2	4.4	4.4	4.0	3.5	3.2	3.9	4.0	4.5	5.4	6.0	6.5	7.3	7.7	7.8	7.8	7.7	6.5	5.7	5.2	4.9	4.8	4.8	4.3	5.3
Macon, Ga	7.3	7.6	7.3	8.1	7.6	8.0	7.1	7.8	8.2	9.3	9.5	9.2	9.9	10.5	10.9	10.0	10.1	8.8	7.8	7.5	7.6	8.3	7.9	7.7	8.5
Marquette, Mich	12.1	11.7	12.0	12.2	12.0	12.2	12.0	12.7	12.3	12.5	12.6	13.3	13.4	12.8	13.1	13.4	12.5	11.9	11.3	11.6	12.0	12.3	11.9	11.8	12.3
Memphis, Tenn	14.4	15.3	14.8	14.3	14.4	14.0	13.6	13.5	13.0	13.2	12.9	12.9	13.4	13.7	13.5	14.5	14.5	13.9	13.6	14.0	13.5	14.2	14.3	15.0	13.9
Milwaukee, Wis	11.5	11.9	11.9	12.5	12.4	11.7	19.8	12.6	12.8	12.8	12.9	13.0	13.2	13.2	13.1	12.9	12.4	11.5	11.7	11.1	11.4	11.5	11.5	12.1	12.2
Mobile, Ala	8.7	8.2	8.4	8.0	8.7	8.8	9.1	7.8	7.5	8.9	9.8	10.2	11.3	11.6	11.7	12.2	12.4	12.0	10.6	9.4	9.4	8.7	9.2	9.0	9.6
Montgomery, Ala	9.4	9.2	8.5	7.9	7.9	8.2	8.2	8.4	8.6	9.4	10.4	10.4	11.2	11.2	10.7	10.8	11.2	11.1	10.0	10.0	9.6	8.8	9.8	9.4	9.6
Moorhead, Minn	8.1	8.6	9.1	9.8	9.6	9.8	9.9	9.9	9.4	9.6	10.1	11.2	12.1	12.4	12.8	13.2	13.1	12.7	11.3	10.4	9.3	9.4	9.4	9.0	10.4
Mount Tamalpais, Cal	18.7	18.4	18.4	18.8	18.2	19.5	19.8	17.8	17.9	16.8	16.8	15.9	14.1	13.6	11.4	10.3	10.2	12.0	13.8	14.0	16.1	17.3	17.3	18.5	16.1
Nantucket, Mass	15.4	15.1	15.2	15.1	15.0	15.2	15.9	15.2	15.5	16.1	16.1	17.0	17.0	16.8	16.4	16.8	15.8	14.8	14.6	14.7	14.4	15.6	15.4	15.3	15.6
Nashville, Tenn	9.5	8.8	9.8	8.9	9.0	9.3	9.8	8.7	8.7	9.7	10.6	11.2	11.9	11.0	11.7	11.1	10.8	10.0	9.3	9.4	8.8	9.0	9.0	9.6	9.8
New Haven, Conn	9.8	9.7	9.7	9.5	10.7	10.8	11.2	11.0	12.1	14.0	13.6	13.2	14.1	13.6	13.1	13.0	12.3	10.2	9.9	10.0	10.8	10.4	9.3	9.7	11.3
New Orleans, La	10.2	10.7	11.0	11.4	11.1	10.5	9.9	10.0	10.6	11.1	12.3	12.6	13.7	14.1	13.9	13.2	13.0	12.2	11.3	10.6	11.0	11.1	10.7	10.2	11.5
New York, N. Y	20.5	20.0	20.3	21.0	21.0	21.4	22.8	22.3	23.1	23.5	24.2	22.8	22.6	23.2	22.4	22.6	23.2	20.4	20.6	21.0	19.8	19.5	20.1	19.6	21.6

TABLE V.—*Average wind movement, etc.*—Continued.

Stations.	1 a. m.	2 a. m.	3 a. m.	4 a. m.	5 a. m.	6 a. m.	7 a. m.	8 a. m.	9 a. m.	10 a. m.	11 a. m.	Noon.	1 p. m.	2 p. m.	3 p. m.	4 p. m.	5 p. m.	6 p. m.	7 p. m.	8 p. m.	9 p. m.	10 p. m.	11 p. m.	Midnight.	Mean.
Norfolk, Va	12.6	11.7	10.8	11.4	11.6	11.4	11.7	11.0	11.6	13.1	13.8	14.9	15.6	15.1	14.9	14.2	14.0	12.6	12.7	12.1	12.0	12.0	12.4	12.4	12.7
Northfield, Vt	8.5	7.4	7.8	8.0	8.9	8.7	8.4	8.0	8.5	9.2	10.5	11.8	12.2	11.1	10.6	11.1	11.0	10.3	10.6	10.8	9.9	9.4	9.1	8.9	9.6
North Platte, Nebr	6.7	6.8	6.3	7.0	7.4	8.0	7.6	6.8	6.8	6.5	7.6	9.7	10.0	9.9	11.2	11.6	11.5	11.5	10.1	9.0	8.6	8.3	7.8	6.9	8.5
Oklahoma, Okla	12.5	12.5	13.0	13.1	13.1	12.6	12.6	12.4	12.3	13.3	14.7	15.1	15.4	16.6	16.6	16.2	16.6	17.1	15.1	12.7	13.0	13.3	12.9	12.5	14.0
Omaha, Nebr	10.7	10.6	10.4	10.0	10.2	9.9	9.6	9.7	9.6	10.0	10.8	12.0	12.9	12.0	13.2	13.2	13.3	12.7	11.4	10.6	10.7	10.9	10.6	10.8	11.1
Oswego, N. Y	16.2	15.9	16.2	15.6	15.6	15.0	16.0	16.2	16.0	15.8	15.9	15.6	16.2	16.6	17.0	16.8	17.4	16.6	16.6	16.8	16.4	16.1	16.2	15.7	16.2
Palestine, Tex	10.8	10.8	11.1	10.5	10.4	10.1	10.0	10.5	9.6	10.7	12.2	12.0	11.6	12.0	12.2	13.1	13.5	13.0	12.2	10.8	9.6	10.6	10.8	11.1	11.2
Parkersburg, W. Va	6.6	6.4	6.2	6.5	6.7	6.9	6.8	7.1	7.2	8.0	9.2	11.2	11.7	10.6	10.5	10.8	9.9	8.5	7.9	6.8	6.8	6.5	6.0	5.5	7.9
Pensacola, Fla	11.0	11.1	11.1	10.8	11.1	11.6	12.6	11.8	12.0	12.3	13.8	13.0	13.9	13.9	13.9	13.9	13.9	12.9	12.1	11.3	10.6	11.7	11.6	11.0	12.2
Phenix, Ariz	4.3	4.3	4.3	4.6	4.1	4.0	4.2	4.0	4.2	4.6	4.6	5.4	5.7	5.8	5.2	5.8	6.3	5.8	5.7	4.7	3.2	3.6	3.8	3.9	4.7
Philadelphia, Pa	10.2	10.8	10.8	10.9	10.6	11.0	10.8	10.4	11.0	11.9	12.4	12.4	12.7	13.0	12.4	12.5	11.8	11.1	10.9	10.5	10.4	10.3	10.6	10.8	11.2
Pierre, S. Dak	10.1	10.0	9.9	8.9	8.8	8.5	9.5	9.7	8.9	10.0	12.0	12.1	13.0	13.7	14.4	14.5	14.9	13.1	11.7	10.4	10.3	10.4	11.1	10.5	11.1
Pittsburg, Pa	7.6	7.5	7.5	7.4	7.7	7.8	7.6	7.5	7.8	8.6	9.0	10.1	10.4	10.4	10.7	10.1	9.9	9.3	8.0	7.9	7.4	7.6	8.0	8.2	8.5
Pocatello, Idaho	12.4	11.7	10.7	9.7	10.7	11.1	11.6	12.3	12.1	12.2	12.1	12.8	12.8	13.3	12.8	11.5	11.4	11.8	11.2	11.4	10.4	11.6	11.6	11.9	11.7
Point Reyes Lt., Cal	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Port Crescent, Wash.	3.5	3.9	3.1	3.3	3.5	3.9	3.9	3.8	3.8	4.2	3.7	3.6	3.8	4.2	5.4	5.3	5.2	5.2	4.4	4.8	4.2	3.2	3.0	3.4	4.0
Port Huron, Mich	10.8	11.1	11.4	11.2	11.1	11.6	11.8	12.4	12.7	13.6	15.2	15.4	16.4	16.6	16.6	16.2	15.8	14.9	13.4	12.5	12.1	12.2	11.7	11.6	13.3
Portland, Me	7.9	8.3	8.8	9.5	9.5	9.8	10.0	10.3	10.2	10.4	11.2	11.9	12.6	12.6	12.8	12.4	11.1	9.8	9.2	8.6	8.5	7.8	8.0	7.7	10.0
Portland, Oreg	9.4	8.9	9.4	9.5	9.4	10.0	10.2	10.1	9.3	8.8	8.9	9.0	9.9	10.8	10.4	10.2	10.6	10.2	9.8	9.8	9.1	9.3	10.0	9.8	9.7
Pueblo, Colo	6.6	6.9	6.2	6.2	6.5	6.5	7.6	7.6	8.2	8.1	8.0	9.0	8.9	11.5	12.6	12.6	12.2	11.8	10.4	7.2	8.0	7.5	7.0	6.8	8.5
Raleigh, N. C	6.9	6.9	7.4	7.0	6.6	6.0	5.8	6.1	7.4	8.1	9.4	9.1	9.9	10.3	10.2	9.9	9.5	8.5	7.2	7.5	7.5	7.8	7.1	7.2	7.9
Rapid City, S. Dak	6.4	5.2	4.8	4.6	5.2	5.4	5.9	6.5	6.5	6.2	6.5	7.1	8.8	9.6	9.7	10.0	10.2	10.3	10.0	9.0	7.9	7.8	7.1	7.0	7.4
Red Bluff, Cal	5.5	4.6	4.5	4.7	4.7	4.9	4.9	4.8	4.6	4.1	3.9	4.1	5.2	6.6	7.1	7.2	7.5	7.2	7.0	6.8	5.6	6.2	6.0	5.7	5.6
Richmond, Va	6.6	6.5	6.2	6.0	5.7	5.9	6.2	6.0	7.6	8.4	9.4	9.9	11.0	10.2	10.1	10.0	9.5	8.9	7.3	7.5	7.4	7.7	7.6	6.8	7.9
Rochester, N. Y	9.7	9.3	9.8	9.7	10.3	9.4	9.7	9.8	9.9	10.5	11.1	10.8	12.0	11.8	12.4	11.6	11.6	11.4	10.7	10.6	9.9	9.9	9.7	9.7	10.5
Roseburg, Oreg	2.2	2.2	2.2	2.1	2.1	2.3	2.2	2.2	2.4	2.6	2.6	2.6	3.0	3.7	4.0	3.8	4.8	4.8	4.6	3.9	3.4	2.8	2.7	2.4	3.0
Sacramento, Cal	8.4	8.3	8.2	8.2	8.0	7.8	7.9	7.3	7.0	6.9	7.4	7.5	8.7	8.0	8.8	9.3	9.5	8.4	8.7	8.6	8.0	8.0	8.3	8.0	8.1
St. Louis, Mo	11.1	11.0	11.5	11.2	11.6	11.8	12.1	11.9	12.5	12.2	12.1	12.0	11.9	12.0	12.4	12.8	13.6	13.0	11.9	11.4	11.8	12.0	12.1	12.0	12.0
St. Paul, Minn	8.8	9.0	8.0	7.8	7.8	7.6	7.4	7.5	8.0	8.1	9.1	9.8	10.4	10.9	11.4	11.2	11.0	10.1	9.5	8.8	9.0	8.2	8.4	8.9	9.0
Salt Lake City, Utah	4.5	4.2	3.9	3.7	2.9	4.0	3.7	4.4	4.8	3.6	3.1	3.8	4.7	7.1	7.8	8.6	8.5	8.1	7.0	6.8	5.8	5.1	4.9	4.6	5.2
San Antonio, Tex	9.9	9.9	8.8	8.5	7.6	8.1	7.9	8.2	7.9	8.8	10.1	11.4	11.7	12.2	12.3	12.7	12.8	13.3	13.3	11.9	11.1	11.0	10.6	10.0	10.4
San Diego, Cal	3.7	4.0	4.0	4.2	4.7	4.0	4.1	4.7	5.3	5.1	4.4	4.4	5.5	6.6	8.4	10.1	10.6	10.8	10.4	8.6	6.5	4.1	3.4	3.9	5.9
Sandusky, Ohio	8.4	8.3	9.0	9.0	9.1	8.2	8.3	8.5	9.8	10.4	11.0	10.9	11.1	11.6	11.7	11.6	11.0	10.1	9.9	9.5	9.2	9.6	9.1	8.8	9.7
Sandy Hook, N. J	23.8	24.1	23.3	22.6	23.4	24.1	24.5	25.0	23.8	23.6	22.6	22.5	24.2	23.4	23.5	22.9	22.8	22.1	21.5	21.7	21.4	21.8	22.4	21.9	23.0
San Francisco, Cal	7.4	6.6	6.2	5.5	5.1	4.8	4.5	4.0	4.2	4.6	5.1	5.9	6.9	6.9	6.3	7.6	9.6	10.5	11.4	11.5	11.5	10.9	8.7	7.5	7.2
San Luis Obispo, Cal.	3.9	3.5	3.3	3.5	4.3	4.3	3.7	3.8	3.7	4.6	4.2	4.9	6.5	6.8	7.5	8.1	8.9	9.2	9.2	7.9	6.3	5.5	4.9	4.9	5.6
Santa Fe, N. Mex	4.7	4.1	4.6	4.5	4.8	4.7	5.1	6.0	6.5	7.2	8.6	10.8	11.7	11.8	12.5	11.5	11.0	11.0	10.9	8.3	6.0	4.7	4.8	4.9	7.5
Sault Ste. Marie, Mich	9.0	9.0	9.0	8.8	8.3	8.4	7.7	8.0	9.0	9.2	9.8	10.2	10.8	11.8	13.0	13.1	12.7	12.3	10.6	10.0	9.1	9.4	8.8	8.8	9.9
Savannah, Ga	8.2	8.1	7.9	7.9	8.4	7.9	7.8	8.6	8.9	10.1	11.5	11.8	11.9	12.3	12.5	11.5	11.6	10.4	9.1	9.6	9.6	9.6	9.4	8.8	9.7
Seattle, Wash	6.1	6.4	6.0	5.9	5.9	6.1	5.9	6.1	5.9	6.0	6.8	6.5	7.0	6.6	6.8	7.2	6.9	6.9	6.6	6.2	5.9	5.8	6.0	5.7	6.3
Shreveport, La	9.2	9.5	9.5	9.0	9.2	8.7	8.0	8.8	8.7	9.9	11.0	10.9	10.5	11.1	11.4	11.5	11.8	11.5	10.9	10.0	9.9	10.3	10.8	10.1	10.1
Sioux City, Iowa	11.6	11.6	12.1	11.7	11.3	11.7	11.9	11.2	12.4	13.2	13.9	14.5	14.8	15.8	16.0	15.3	15.3	14.5	13.5	12.7	12.7	12.3	12.1	11.6	13.1
Spokane, Wash	4.9	5.6	5.6	6.0	5.4	5.5	5.8	5.9	5.5	5.6	5.9	6.8	7.0	7.9	7.9	8.0	8.0	6.9	7.1	6.9	6.6	6.2	6.6	6.1	6.4
Springfield, Ill	11.5	11.5	11.3	11.0	11.5	11.1	11.5	11.4	12.4	12.1	12.5	12.9	13.7	13.1	12.6	12.7	12.7	11.9	11.4	10.6	10.6	11.1	11.5	11.6	11.8
Springfield, Mo	12.0	12.0	12.8	12.3	12.0	13.0	13.6	12.5	12.3	13.5	14.2	13.6	13.9	13.8	13.4	13.8	13.8	13.4	12.9	12.0	12.2	12.5	12.8	12.1	12.9
Tacoma, Wash	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Tampa, Fla	5.1	5.5	5.3	5.6	5.9	6.1	6.1	6.4	7.5	9.9	10.6	10.5	10.5	11.8	11.0	10.5	9.9	8.9	7.1	6.6	6.0	5.7	5.2	5.2	7.6
Toledo, Ohio	11.0	11.0	10.7	10.2	9.8	10.0	10.6	10.9	11.2	12.2	12.6	13.6	14.2	14.5	13.9	13.6	13.4	12.4	11.2	10.6	11.2	11.1	11.1	10.8	11.7
Vicksburg, Miss	9.7	9.8	9.8	9.6	10.1	10.9	9.9	9.8	10.7	11.3	10.8	10.9	10.4	10.4	11.2	10.6	10.2	10.1	10.1	9.6	9.7	9.9	10.5	10.1	10.2
Vineyard Haven, Mass	11.6	11.5	12.3	12.7	12.4	12.4	11.6	11.9	12.7	13.3	14.0	14.5	14.7	14.8	14.2	13.3	12.1	11.4	11.3	12.0	11.4	11.6	10.8	11.3	12.5
Walla Walla, Wash	5.8	6.7	6.4	6.4	5.9	6.0	4.9	4.9	5.5	5.0	5.4	5.3	5.5	6.3	7.0	7.5	7.1	6.7	6.1	6.2	5.7	5.4	5.2	5.8	5.9
Washington, D. C	8.0	7.7	7.4	6.9	6.5	7.0	6.9	7.7	8.0	10.2	10.4	10.9	11.0	11.1	12.0	11.3	10.9	9.7	8.8	8.0	8.2	8.0	8.1	8.0	8.9
Wichita, Kans	9.9	10.0	9.2	8.9	8.3	8.6	8.4	8.9	10.3	11.0	12.7	12.9	13.1	13.1	13.5	13.4	13.0	12.5	11.2	10.2	10.4	9.8	9.8	10.1	10.8
Williston, N. Dak	8.4	8.6	8.5	8.0	7.7	7.2	6.9	8.1	8.0	8.2	8.3	9.1	11.0	12.2	13.1	13.6	13.4	12.7	11.3	9.7	9.2	9.9	9.9	9.6	9.7
Wilmington, N. C	9.1	9.7	9.2	9.2	9.5	9.1	9.1	9.4	10.5	10.4	12.0	11.7	12.2	13.2	12.4	12.6	12.5	11.4	9.5	10.1	10.0	9.9	9.6	9.6	10.5
Winnemucca, Nev	10.4	9.9	10.0	9.0	9.9	9.1	9.8	9.4	10.3	10.0	9.9	10.0	10.8	11.4	11.6	12.6	12.8	14.0	12.8	11.1	9.9	9.3	9.9	10.2	10.6
Woods Hole, Mass	17.5	19.1	19.1	19.2	19.5	19.8	18.8	18.8	19.1	18.8	19.6	20.4	20.9	21.4	20.8	19.9	18.6	18.1	19.1	19.5	19.2	19.2	17.3	17.0	19.2
Yankton, S. Dak	8.0	7.7	7.7	8.1	8.5	8.7	8.7	8.0	8.0	8.0	9.7	10.6	11.1	11.4	12.1	12.1	11.8	11.0	10.4	9.2	8.7	8.4	9.0	9.4	9.4
West Indies.																									
Basseterre, St. Kitts	10.1	9.7	9.6	10.0	10.0	10.8	11.1	12.2	13.1	13.1	13.2	13.0	13.1	12.8	12.0	11.8	11.2	10.0	10.0	10.6	10.8	11.0	10.9	10.0	11.2
Bridgetown, Bar	6.6	7.0	6.5	7.1	6.7	6.6	7.8	11.7	13.1	13.9	14.4	13.9	14.2	13.8	13.3	12.6	11.0	8.5	7.3	7.4	7.6	7.0	7.4	7.1	9.7
Cienfuegos, Cuba	7.3	7.4	7.1	6.9	6.4	5.8	5.5	5.7	6.3	7.9	9.2	10.2	10.6	11.9	12.0	12.2	11.6	10.6	8.1	6.5	6.3	6.8	7.9	7.9	8.3
Havana, Cuba	8.8	8.9	8.9	8.7	9.2	9.1	8.9	8.9	10.4	13.1	15.1	16.1	16.7	16.6	17.0	16.7	16.6	14.9	12.8	10.9	9.5	9.3	9.3	8.9	11.9
Kingston, Jamaica	5.8	5.6	5.5	5.8	6.1	6.2	4.1	5.5	4.9	5.7	8.2	9.8	10.6	12.6	12.7	11.3	10.3	7.7	5.9	5.2	5.4	5.0	5.1	5.3	7.1
Port of Spain, Trin	2.1	1.8	1.7	1.9	2.2	1.9	2.4	4.1	6.9	9.0	9.4	9.9	10.4	10.0	9.9	9.8	8.2	6.3	4.2	3.1	2.4	2.2	2.1	2.1	5.2
Puerto Principe, Cuba	4.8	4.9	5.4	5.4	5.6	5.1	5.2	6.0	9.1	13.5	13.7	13.0	12.3	11.6	10.7	11.0	11.2	10.1	7.9	7.1	6.8	5.9	5.3	5.1	8.2
Roseau, Dominica	4.4	4.5	4.8	4.7	5.0	5.5	5.6	6.1	7.1	7.8	8.1	7.9	8.3	8.8	8.5	8.6	7.5	6.1	5.4	5.5	5.0	5.4	4.7	4.7	6.3
San Juan, Puerto Rico	9.0	8.7	8.1	8.3	8.6	8.3	8.8	8.8	11.4	14.1	15.2	15.7	16.2	16.1	16.2	15.7	14.9	13.2	11.6	11.2	10.1	9.8	10.0	9.8	11.7
Santiago de Cuba*	3.9	4.1	4.0	4.2	4.6	4.0	3.9	4.5	6.0	7.1	7.3	7.7	7.8	8.2	8.0	7.9	6.5	5.2	4.2	4.8	4.8	4.7	4.5	4.7	5.3
Santo Domingo, S. D.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Willemstad, Curaçao	11.1	11.0	11.1	10.6	10.5	10.4	10.6	13.6	15.4	16.2	16.2	16.3	16.4	16.5	16.1	15.6	15.4	14.0	12.9	12.3	12.6	12.4	12.2	11.8	13.4

* For 26½ days.

TABLE VI.—*Resultant winds from observations at 8 a. m. and 8 p. m., daily, during the month of February, 1900.*

Stations.	Component direction from— N.	S.	E.	W.	Resultant. Direction from—	Duration.
	Hours.	Hours.	Hours.	Hours.	°	Hours.
New England.						
Eastport, Me	16	9	14	30	n. 66 w.	18
Portland, Me	22	14	7	27	n. 68 w.	22
Northfield, Vt	18	30	2	14	s. 45 w.	17
Boston, Mass	17	12	12	29	n. 71 w.	18
Nantucket, Mass	25	16	10	22	n. 48 w.	14
Woods Hole, Mass	23	9	13	24	n. 38 w.	18
Block Island, R. I	17	11	16	28	n. 63 w.	13
New Haven, Conn	23	5	11	25	n. 38 w.	23
Middle Atlantic States.						
Albany, N. Y	19	20	5	22	s. 87 w.	17
Binghamton, N. Y.†	9	4	3	16	n. 69 w.	14
New York, N. Y	20	11	16	24	n. 42 w.	12
Harrisburg, Pa.†	7	5	9	11	n. 45 w.	3
Philadelphia, Pa	19	13	15	23	n. 53 w.	10
Atlantic City, N. J	15	15	13	23	w.	10
Cape May, N. J	18	15	13	20	n. 67 w.	8
Baltimore, Md	9	12	20	25	s. 59 w.	6
Washington, D. C	19	17	12	21	n. 77 w.	9
Lynchburg, Va	14	19	13	25	s. 63 w.	13
Norfolk, Va	17	21	13	18	s. 51 w.	6
Richmond, Va	16	21	11	18	s. 54 w.	9
South Atlantic States.						
Charlotte, N. C	18	21	16	16	s.	3
Hatteras, N. C	23	16	10	19	n. 52 w.	11
Raleigh, N. C	15	16	14	23	s. 84 w.	9
Wilmington, N. C	15	14	11	21	n. 84 w.	10
Charleston, S. C	19	14	14	24	n. 63 w.	11
Augusta, Ga	11	13	11	25	s. 83 w.	17
Savannah, Ga	15	16	12	25	s. 86 w.	13
Jacksonville, Fla	20	10	16	23	n. 35 w.	12
Florida Peninsula.						
Jupiter, Fla	16	34	17	16	s. 3 e.	18
Key West, Fla	15	14	34	7	n. 88 e.	27
Tampa, Fla	14	18	20	17	s. 37 e.	5
Eastern Gulf States.						
Atlanta, Ga	15	15	18	21	w.	3
Macon, Ga	10	8	8	10	n. 45 w.	3
Pensacola, Fla.†	14	17	8	8	s.	3
Mobile, Ala	27	17	10	21	n. 48 w.	15
Montgomery, Ala	14	18	19	17	s. 27 e.	4
Meridian, Miss.†	9	6	6	11	n. 59 w.	6
Vicksburg, Miss	17	24	17	12	s. 36 e.	9
New Orleans, La	18	18	19	15	e.	4
Western Gulf States.						
Shreveport, La	12	24	15	16	s. 5 w.	12
Fort Smith, Ark	17	10	28	11	n. 45 e.	24
Little Rock, Ark	18	17	18	21	n. 72 w.	3
Corpus Christi, Tex	19	18	25	7	n. 87 e.	18
Fort Worth, Tex†	11	11	4	8	w.	4
Galveston, Tex	15	19	21	14	s. 60 e.	8
Palestine, Tex	18	25	6	14	s. 49 w.	11
San Antonio, Tex	24	16	18	10	n. 45 e.	11
Ohio Valley and Tennessee.						
Chattanooga, Tenn	14	22	13	20	s. 60 w.	8
Knoxville, Tenn	21	17	11	23	n. 72 w.	13
Memphis, Tenn	21	19	16	18	n. 45 w.	3
Nashville, Tenn	17	22	15	16	s. 11 w.	5
Lexington, Ky	6	11	6	13	s. 54 w.	9
Louisville, Ky	14	22	11	20	n. 48 w.	12
Evansville, Ind.†	7	11	8	10	s. 27 w.	4
Indianapolis, Ind	19	14	13	23	n 63 w.	11
Cincinnati, Ohio	12	19	18	22	s. 34 w.	7
Columbus, Ohio	9	15	17	25	s. 53 w.	10
Pittsburg, Pa	17	16	14	22	n. 83 w.	8
Parkersburg, W. Va	11	17	12	27	s. 72 w.	16
Elkins, W. Va	15	18	9	25	s. 79 w.	16
Lower Lake Region.						
Buffalo, N. Y	7	19	10	31	s. 60 w.	24
Oswego, N. Y	10	20	18	24	s. 31 w.	12
Rochester, N. Y	9	22	9	29	s. 57 w.	24
Erie, Pa	12	18	7	30	s. 75 w.	24
Cleveland, Ohio	5	26	14	24	s. 25 w.	23
Sandusky, Ohio	8	19	12	28	s. 56 w.	19
Toledo, Ohio	10	15	16	28	s. 67 w.	13
Detroit, Mich	12	16	12	30	s. 77 w.	18
Upper Lake Region.						
Alpena, Mich	18	12	7	30	n. 75 w.	24
Escanaba, Mich	18	13	1	31	n. 81 w.	30
Grand Haven, Mich	22	13	19	18	n. 6 e.	9
Marquette, Mich	17	10	9	38	n. 76 w.	30
Port Huron, Mich	11	19	8	28	s. 68 w.	22
Sault Ste. Marie, Mich	11	17	19	19	s.	6
Chicago, Ill	19	16	9	24	n. 79 w.	15
Milwaukee, Wis	18	13	6	22	n. 69 w.	17
Green Bay, Wis	16	23	6	25	s. 70 w.	20
Duluth, Minn	24	13	8	25	n. 57 w.	20
North Dakota.						
Moorhead, Minn	21	16	13	23	n. 63 w.	11
Bismarck, N. Dak	33	7	14	21	n. 16 w.	26
Williston, N. Dak	30	11	7	22	n. 38 w.	24
Upper Mississippi Valley.						
St. Paul, Minn	24	15	8	22	n. 57 w.	17
La Crosse, Wis. †	14	7	2	12	n. 55 w.	12
Davenport, Iowa	16	6	17	28	n. 48 w.	15
Des Moines, Iowa	26	11	20	13	n. 25 e.	17
Dubuque, Iowa	20	11	11	28	n. 62 w.	19
Keokuk, Iowa	23	15	12	19	n. 41 w.	11
Cairo, Ill	16	23	13	15	s. 16 w.	7
Springfield, Ill	20	18	13	19	n. 72 w.	6
Hannibal, Mo	11	6	7	9	n. 22 w.	5
St. Louis, Mo	17	16	15	19	n. 76 w.	4
Missouri Valley.						
Columbia, Mo.*	8	7	10	8	n. 63 e.	2
Kansas City, Mo	24	13	16	17	n. 5 w.	11
Springfield, Mo	19	20	16	15	s. 45 e.	1
Lincoln, Nebr	28	11	14	16	n. 7 w.	17
Omaha, Nebr	24	15	25	12	n. 55 e.	16
Sioux City, Iowa†	13	8	5	9	n. 39 w.	6
Pierre, S. Dak	24	9	19	15	n. 15 e.	16
Huron, S. Dak	27	8	15	22	n. 20 w.	20
Yankton, S. Dak †	13	4	7	9	n. 13 w.	9
Northern Slope.						
Havre, Mont	17	12	12	31	n. 75 w.	20
Miles City, Mont	31	11	6	17	n. 31 w.	21
Helena, Mont	13	21	4	33	s. 75 w.	30
Kalispell, Mont	22	14	6	29	n. 71 w.	24
Rapid City, S. Dak	24	14	14	17	n. 17 w.	10
Cheyenne, Wyo	22	9	4	32	n. 65 w.	31
Lander, Wyo	15	24	16	19	s. 18 w.	10
North Platte, Nebr	22	15	12	22	n. 55 w.	12
Middle Slope.						
Denver, Colo	21	21	11	19	w.	8
Pueblo, Colo	20	8	17	22	n. 23 w.	13
Concordia, Kans	26	17	11	10	n. 6 e.	9
Dodge, Kans	27	16	11	15	n. 20 w.	12
Wichita, Kans	26	22	13	6	n. 60 e.	8
Oklahoma, Okla	23	22	10	8	n. 63 e.	2
Southern Slope.						
Abilene, Tex	19	24	13	14	s. 11 w.	5
Amarillo, Tex	21	19	11	13	n. 45 w.	3
Southern Plateau.						
El Paso, Tex	19	8	12	31	n. 60 w.	22
Santa Fe, N. Mex	30	15	15	14	n. 4 e.	15
Flagstaff, Ariz	20	9	14	27	n. 50 w.	17
Phenix, Ariz	10	8	27	21	n. 37 e.	10
Yuma, Ariz	23	7	11	23	n. 37 w.	20
Independence, Cal	28	12	8	24	n. 45 w.	23
Middle Plateau.						
Carson City, Nev	13	22	14	21	s. 38 w.	11
Winnemucca, Nev	15	17	8	28	s. 84 w.	20
Cedar City, Utah	14	25	14	11	s. 15 e.	11
Salt Lake City, Utah	21	15	18	17	n. 9 e.	6
Grand Junction, Colo	19	13	20	16	n. 34 e.	7
Northern Plateau.						
Baker City, Oreg	18	26	10	15	s. 32 w.	9
Boise, Idaho	19	17	19	17	n. 45 e.	3
Pocatello, Idaho	5	26	11	23	s. 30 w.	24
Spokane, Wash	13	24	14	17	s. 15 w.	11
Walla Walla, Wash	4	40	7	12	s. 8 w.	36
North Pacific Coast Region.						
Neah, Wash	.....	.....	.....	.....	.....	.....
Astoria, Oreg	15	16	18	24	s. 80 w.	6
Port Crescent, Wash.*	0	9	12	12	s.	9
Seattle, Wash	12	25	21	12	s. 35 e.	16
Tacoma, Wash	16	24	10	23	s. 51 w.	13
Portland, Oreg	11	24	17	15	s. 9 e.	13
Roseburg, Oreg	17	17	18	20	w.	2
Middle Pacific Coast Region.						
Eureka, Cal	19	21	16	14	s. 45 e.	8
Mount Tamalpais, Cal	29	7	5	27	n. 45 w.	31
Red Bluff, Cal	28	14	14	11	n. 12 e.	14
Sacramento, Cal	15	26	21	10	s. 45 e.	16
San Francisco, Cal	13	10	8	34	n. 83 w.	26
South Pacific Coast Region.						
Fresno, Cal	34	4	12	20	n. 15 w.	31
Los Angeles, Cal	21	12	7	28	n. 67 w.	23
San Diego, Cal	27	5	15	23	n. 20 w.	23
San Luis Obispo, Cal	32	3	5	21	n. 29 w.	33
West Indies.						
Basseterre, St. Kitts Island	17	0	47	0	n. 70 e.	50
Bridgetown, Barbados	21	1	45	0	n. 66 e.	49
Cienfuegos, Cuba	36	8	23	1	n. 88 e.	36
Havana, Cuba	10	12	37	6	s. 87 e.	31
Kingston, Jamaica	28	4	23	3	n. 40 e.	31
Port of Spain, Trinidad	14	8	41	2	n. 81 e.	40
Puerto Principe, Cuba	29	4	32	3	n. 49 e.	38
Roseau, Dominica, W. I	15	10	40	2	n. 83 e.	38
San Juan, Puerto Rico	5	23	40	1	s. 65 e.	43
Santiago de Cuba, Cuba	27	15	23	3	n. 59 e	23
Santo Domingo, S. Domingo, W. I.	42	5	11	3	n. 12 e.	38
Willemstad, Curaçao	2	1	55	0	n. 90 e.	55

* From observations at 8 p. m. only.

† From observations at 8 a. m. only.

TABLE VII.—*Thunderstorms and auroras, February*, 1900.

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	52	T.				1				9	1	2	3	6												2			1	9				34	9	T.
		A.																																0	0	A.
Arizona	56	T.							5																									5	1	T.
		A.																																0	0	A.
Arkansas	57	T.			6	4		2	9	3					1							7	1						15	4				52	10	T.
		A.																																0	0	A.
California	167	T.																		3														3	1	T.
		A.																																0	0	A.
Colorado	81	T.																																0	0	T.
		A.										1												1										2	2	A.
Connecticut	21	T.																						2		16	1							19	3	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	47	T.				5	1					1			1	1	1			1		1	2			3				11				28	11	T.
		A.																																0	0	A.
Georgia	55	T.				2	1			5	1	2	2	2	1								5							4				25	10	T.
		A.																																0	0	A.
Idaho	34	T.																						2										2	1	T.
		A.																																0	0	A.
Illinois	92	T.			4	2		1	5	11				1																				24	6	T.
		A.															1	1						1										3	3	A.
Indiana	58	T.							6	1																								7	2	T.
		A.					1																											1	1	A.
Indian Territory	11	T.								1							1													1				3	3	T.
		A.																																0	0	A.
Iowa	149	T.			4																													4	1	T.
		A.			1																													1	1	A.
Kansas	77	T.			2																								6					8	2	T.
		A.	1																															1	1	A.
Kentucky	41	T.							9	7																								16	2	T.
		A.																																0	0	A.
Louisiana	46	T.			8	2	3	3	1	8	5	10	5	7	1				1			6		1	2	3	1	2	9	6				84	20	T.
		A.																																0	0	A.
Maine	19	T.		1																							6							7	2	T.
		A.																																0	0	A.
Maryland	48	T.				2																	1			2								5	3	T.
		A.	1	1																														2	2	A.
Massachusetts	48	T.																	1							22	14							37	3	T.
		A.																																0	0	A.
Michigan	106	T.							2	3																								5	2	T.
		A.				1																												1	1	A.
Minnesota	67	T.																																0	0	T.
		A.																																0	0	A.
Mississippi	44	T.							3	8	4	3	4	7								7				2			6	9				53	10	T.
		A.																																0	0	A.
Missouri	95	T.			16	7	1		6	6																			1	2				39	7	T.
		A.																	1															1	1	A.
Montana	40	T.																					2											2	1	T.
		A.																1			1							1						3	3	A.
Nebraska	142	T.																																0	0	T.
		A.																																0	0	A.
Nevada	40	T.																																0	0	T.
		A.																																0	0	A.
New Hampshire	19	T.		1											1								1			3	3							9	5	T.
		A.																																0	0	A.
New Jersey	51	T.																						1		17	3							21	3	T.
		A.																																0	0	A.
New Mexico	31	T.																						2	1	2	2							7	4	T.
		A.																																0	0	A.
New York	99	T.													3								22			1				1				27	4	T.
		A.											1																					1	1	A.
North Carolina	56	T.				1				3	1	1																						6	4	T.
		A.																																0	0	A.
North Dakota	48	T.																																0	0	T.
		A.																				1			1									2	2	A.
Ohio	128	T.							3																									3	1	T.
		A.									1		1																	1				3	3	A.
Oklahoma	23	T.							4	5							1								1				7	1				19	6	T.
		A.																																0	0	A.
Oregon	74	T.						1															4											5	2	T.
		A.																																0	0	A.
Pennsylvania	91	T.					1								1									9										11	3	T.
		A.									1	1																						2	2	A.
Rhode Island	7	T.																								3								3	1	T.
		A.																																0	0	A.
South Carolina	46	T.								2	2		6	1	1								16			6								34	7	T.
		A.																																0	0	A.
South Dakota	56	T.																																0	0	T.
		A.																							1									1	1	A.
Tennessee	56	T.				1			6	20	3												1						1	3				35	7	T.
		A.																																0	0	A.
Texas	95	T.			1		1	1	3				5	4								1							13	5				34	9	T.
		A.																																0	0	A.
Utah	47	T.						1													1													2	2	T.
		A.		1																														1	1	A.
Vermont	16	T.																								2	1							3	2	T.
		A.																																0	0	A.
Virginia	50	T.				1				3								1					7	2										14	5	T.
		A.																																0	0	A.
Washington	64	T.																					7											7	1	T.
		A.																																0	0	A.
West Virginia	43	T.								2																1								3	2	T.
		A.																																0	0	A.
Wisconsin	60	T.																																0	0	T.
		A.																																0	0	A.
Wyoming	31	T.																																0	0	T.
		A.																																0	0	A.
Sums	2,893	T.	0	2	41	28	8	9	62	97	17	19	25	28	10	1	3	1	2	4	1	22	69	19	4	85	31	2	59	56				705		T.
		A.	2	2	1	1	1	0	0	0	2	2	2	0	0	0	1	2	1	0	1	1	0	2	2	0	0	1	0	1				25		A.

TABLE VIII.—*Average hourly sunshine (in percentages), February, 1900.*

Stations.	Instrument.	Percentages for each hour of local mean time ending with the respective hour. A. M. 5	6	7	8	9	10	11	Noon	P. M. 1	2	3	4	5	6	7	8	Hours of sunshine. Total. Actual.	Possible.	Percent of possible.	Personal estimate.
																		Hours.	*Hours.*		
Albany, N. Y	T.	.....	.....	27	30	50	70	74	79	85	90	80	61	45	24	.....	.....	189.6	295.4	64	40
Atlanta, Ga	T.	.....	.....	26	26	32	39	49	61	65	66	66	62	44	23	.....	.....	149.4	307.1	49	36
Atlantic City, N. J	T.	.....	.....	52	52	54	70	75	79	78	82	77	56	39	32	.....	.....	192.8	300.8	64	47
Baltimore, Md	T.	.....	.....	14	30	46	52	64	74	64	66	60	57	45	35	.....	.....	162.9	300.8	54	35
Binghamton, N. Y	T.	.....	.....	10	13	19	36	52	55	49	42	33	26	18	16	.....	.....	98.8	296.5	33	25
Bismarck, N. Dak	P.	.....	.....	12	40	46	49	56	57	55	61	61	48	36	41	.....	.....	146.2	288.7	51	41
Boise, Idaho*	P.	.....	.....	38	33	38	42	49	51	41	48	51	40	30	26	.....	.....	110.0	264.0	42	35
Boston, Mass	T.	.....	.....	52	43	44	50	56	58	62	47	49	48	43	30	.....	.....	145.9	296.5	49	39
Buffalo, N. Y	T.	.....	.....	8	17	30	44	59	74	72	68	60	42	27	18	.....	.....	140.6	295.4	48	29
Cedar City, Utah	T.	.....	.....	63	61	67	76	91	94	94	94	88	82	74	63	.....	.....	243.6	302.3	81	59
Charleston, S. C	T.	.....	.....	34	32	39	42	40	46	49	44	41	38	28	29	.....	.....	119.9	308.3	39	39
Chattanooga, Tenn	T.	.....	.....	*21*	*21*	*25*	*34*	*45*	*51*	*49*	*50*	*47*	*42*	*28*	*29*	.....	.....	*116.5*	*305.8*	*38*	*39*
Cheyenne, Wyo	P.	.....	.....	21	42	54	50	54	48	51	53	56	52	45	42	.....	.....	148.4	298.4	50	47
Chicago, Ill	T.	.....	.....	10	24	31	46	60	65	66	63	56	41	33	33	.....	.....	140.8	296.5	47	42
Cincinnati, Ohio	T.	.....	.....	31	22	34	37	45	44	58	53	48	32	20	22	.....	.....	115.4	300.8	38	30
Cleveland, Ohio	T.	.....	.....	10	12	16	27	36	50	50	49	39	29	20	19	.....	.....	94.5	296.5	32	31
Columbia, Mo	T.	.....	.....	57	51	58	67	66	62	62	60	68	62	50	46	.....	.....	179.8	300.8	60	33
Columbus, Ohio	T.	.....	.....	32	21	29	41	53	64	49	53	46	33	26	34	.....	.....	123.4	299.7	41	29
Denver, Colo	P.	.....	.....	47	62	82	89	84	84	72	71	71	75	65	55	.....	.....	222.3	299.7	74	60
Des Moines, Iowa	T.	.....	.....	38	33	25	36	52	53	56	53	52	45	32	34	.....	.....	128.9	296.5	43	36
Detroit, Mich	T.	.....	.....	38	21	24	39	42	49	51	49	41	34	20	13	.....	.....	106.4	296.5	36	28
Dodge, Kans	P.	.....	.....	35	47	59	59	58	48	59	65	66	67	55	44	.....	.....	172.8	302.3	57	49
Dubuque, Iowa	T.	.....	.....	41	33	34	43	56	59	54	54	43	40	38	40	.....	.....	134.0	296.5	45	41
Eastport, Me	P.	.....	.....	43	48	54	61	64	54	54	55	53	44	39	33	.....	.....	150.6	291.9	52	38
Elkins, W. Va	T.	.....	.....	10	4	7	22	32	42	38	39	29	16	7	8	.....	.....	68.0	300.8	23	15
Erie, Pa	T.	.....	.....	17	12	14	24	34	41	41	42	32	24	19	18	.....	.....	82.2	296.5	28	21
Escanaba, Mich	T.	.....	.....	26	26	28	38	48	56	58	54	44	33	35	37	.....	.....	121.3	290.4	42	41
Eureka, Cal	P.	.....	.....	3	14	21	32	51	54	54	49	46	51	34	25	.....	.....	117.4	298.4	39	37
Fresno, Cal	T.	.....	.....	72	65	77	81	80	81	86	82	81	83	74	62	.....	.....	236.6	303.3	78	60
Galveston, Tex	P.	.....	.....	28	36	41	51	53	48	54	56	56	52	53	38	.....	.....	151.6	313.1	48	46
Grand Junction, Colo	P.	.....	.....	52	51	59	67	69	70	80	79	80	70	57	80	.....	.....	207.1	300.8	69	48
Harrisburg, Pa	T.	.....	.....	37	35	40	51	61	62	55	50	45	41	23	18	.....	.....	133.6	299.7	45	36
Helena, Mont	P.	.....	.....	12	16	17	25	36	35	37	42	46	46	33	25	.....	.....	95.7	288.7	33	21
Huron, S. Dak	T.	.....	.....	38	39	43	66	81	86	84	84	89	70	61	49	.....	.....	203.1	293.8	69	54
Indianapolis, Ind	T.	.....	.....	29	41	52	59	56	61	58	53	44	32	26	22	.....	.....	139.4	299.7	47	29
Jacksonville, Fla	T.	.....	.....	48	43	49	56	59	57	61	59	58	55	41	32	.....	.....	162.3	312.1	52	48
Jupiter, Fla	T.	.....	.....	42	48	70	76	81	88	87	84	70	62	58	56	0	.....	220.1	315.0	70	54
Kalispell, Mont	T.	.....	.....	0	12	25	36	46	50	48	45	31	34	19	8	.....	.....	97.2	286.8	34	34
Kansas City, Mo	P.	.....	.....	40	42	40	49	50	51	49	45	44	55	54	58	.....	.....	145.3	300.8	48	47
Key West, Fla	T.	.....	.....	51	59	66	84	86	90	85	87	85	78	64	63	60	.....	241.6	317.0	76	55
Knoxville, Tenn	T.	.....	.....	21	19	25	36	47	42	43	42	39	40	26	22	.....	.....	105.9	305.0	35	38
Lexington, Ky	T.	.....	.....	0	9	32	40	54	59	58	62	45	33	16	3	.....	.....	114.6	302.3	38	35
Little Rock, Ark	T.	.....	.....	24	25	35	45	52	48	54	48	44	36	27	24	.....	.....	122.1	305.8	40	35
Los Angeles, Cal	P.	.....	.....	72	66	71	84	85	84	86	94	93	94	81	78	.....	.....	255.0	307.1	83	71
Louisville, Ky	T.	.....	.....	9	19	29	48	55	60	56	61	51	36	11	6	.....	.....	120.9	302.3	40	34
Macon, Ga	T.	.....	.....	26	25	32	47	55	57	68	62	57	52	43	35	.....	.....	148.7	308.3	48	45
Meridian, Miss	T.	.....	.....	*45*	*35*	*33*	*39*	*48*	*58*	*54*	*51*	*49*	*44*	*31*	*33*	.....	.....	134.5	309.8	43	42
Mount Tamalpais, Cal	P.	.....	.....	67	69	72	67	62	60	74	73	69	69	62	61	.....	.....	203.3	302.3	67	55
Nashville, Tenn	T.	.....	.....	17	14	14	30	41	52	57	61	54	38	28	25	.....	.....	114.6	305.0	38	26
New Haven, Conn	T.	.....	.....	56	48	52	57	63	70	66	68	71	60	42	35	.....	.....	173.8	298.4	58	59
New Orleans, La	T.	.....	.....	36	34	44	59	67	62	57	56	59	55	45	36	.....	.....	162.2	312.1	52	52
New York, N. Y	T.	.....	.....	41	44	51	55	65	72	69	77	73	54	49	38	.....	.....	177.5	298.4	59	42
Norfolk, Va	T.	.....	.....	26	32	44	65	75	76	71	70	66	57	48	42	.....	.....	178.2	303.3	59	48
Northfield, Vt	P.	.....	.....	21	24	40	42	39	39	41	48	46	43	25	19	.....	.....	111.0	293.8	38	30
Oklahoma, Okla	T.	.....	.....	44	47	50	67	71	81	79	76	73	66	58	59	.....	.....	201.4	305.8	66	49
Omaha, Nebr	T.	.....	.....	15	11	17	33	45	63	63	61	60	52	37	36	.....	.....	*130.0*	*298.4*	*44*	*44*
Parkersburg, W. Va	T.	.....	.....	31	18	18	26	50	53	49	41	34	29	15	16	.....	.....	97.3	300.8	32	32
Phenix, Ariz	P.	.....	.....	76	66	76	85	84	84	93	92	95	94	88	85	.....	.....	263.6	308.3	86	78
Philadelphia, Pa	T.	.....	.....	53	54	52	53	58	61	64	60	50	43	41	42	.....	.....	158.9	299.7	53	36
Pittsburg, Pa	T.	.....	.....	3	11	10	12	27	38	35	31	30	20	15	11	.....	.....	65.6	298.4	22	31
Pocatello, Idaho	T.	.....	.....	31	23	22	36	52	62	59	50	46	31	22	24	.....	.....	116.8	295.4	40	30
Portland, Me	T.	.....	.....	38	31	42	52	62	64	67	70	61	54	38	35	.....	.....	157.0	293.8	53	47
Portland, Oreg	T.	.....	.....	0	1	14	22	25	32	36	35	30	18	12	4	.....	.....	63.9	290.4	22	20
Pueblo, Colo	T.	.....	.....	54	64	68	84	94	94	98	99	94	82	55	55	.....	.....	245.5	302.3	81	64
Raleigh, N. C	T.	.....	.....	45	33	38	50	57	60	62	58	53	49	41	35	.....	.....	*149.1*	*305.0*	*49*	*43*
Rochester, N. Y	T.	.....	.....	4	8	15	36	43	48	52	44	32	26	18	15	.....	.....	92.2	295.4	31	28
St. Louis, Mo	T.	.....	.....	19	25	47	63	70	66	64	60	52	36	26	27	.....	.....	147.6	300.8	49	36
St. Paul, Minn	P.	.....	.....	38	34	49	62	61	64	68	73	64	59	38	36	.....	.....	165.0	291.9	57	48
Salt Lake City, Utah	T.	.....	.....	47	36	39	51	57	68	63	64	61	55	32	24	.....	.....	151.9	298.4	51	46
San Diego, Cal	P.	.....	.....	68	70	75	84	94	91	90	92	96	92	79	72	.....	.....	262.1	308.3	85	85
San Francisco, Cal	T.	.....	.....	28	32	58	74	88	82	87	86	87	85	71	63	.....	.....	222.3	302.3	74	62
Santa Fe, N. Mex	P.	.....	.....	67	70	72	80	86	88	89	81	79	76	68	67	.....	.....	238.0	305.0	78	70
Sault Ste. Marie, Mich	T.	.....	.....	11	15	24	47	62	61	62	56	50	27	22	20	.....	.....	121.7	290.4	42	40
Savannah, Ga	T.	.....	.....	38	36	36	44	46	45	49	57	55	41	35	31	.....	.....	134.5	309.8	43	39
Seattle, Wash	T.	.....	.....	0	7	18	32	36	42	43	47	37	22	15	10	.....	.....	84.8	286.8	30	25
Spokane, Wash	T.	.....	.....	38	19	21	29	40	45	42	36	30	20	11	4	.....	.....	82.2	286.8	29	18
Tacoma, Wash	T.	.....	.....	6	4	14	23	26	37	41	34	29	20	10	9	.....	.....	67.4	288.7	23	20
Tampa, Fla	T.	.....	.....	52	51	49	61	69	66	70	73	66	55	41	39	0	.....	182.8	314.1	58	47
Toledo, Ohio	T.	.....	.....	38	29	44	60	67	71	74	71	66	55	42	32	.....	.....	168.2	296.5	57	40
Topeka, Kans	T.	.....	.....	26	39	39	43	53	59	59	58	56	55	42	41	.....	.....	148.4	300.8	49	45
Vicksburg, Miss	T.	.....	.....	41	38	47	61	67	66	70	68	64	60	41	34	.....	.....	173.6	309.8	56	42
Washington, D. C	P.	.....	.....	*45*	*41*	*41*	*45*	*61*	*58*	*52*	*57*	*56*	*58*	*51*	*49*	.....	.....	*155.7*	*300.8*	*52*	*48*
Wilmington, N. C	T.	.....	.....	39	37	39	49	56	60	53	51	49	47	31	20	.....	.....	138.9	307.1	45	48
Yankton, S. Dak	T.	.....	.....	27	16	29	44	66	71	74	77	62	52	25	16	.....	.....	147.1	295.4	50	36
Basseterre, St. Kitts	T.	.....	.....	45	55	75	83	91	93	96	90	85	84	78	66	54	.....	258.5	325.0	80	51
Bridgetown, Barbados	T.	.....	.....	53	60	65	81	82	85	83	82	78	71	70	67	41	.....	241.2	328.4	73	43
Cienfuegos, Cuba	T.	.....	.....	60	60	59	72	75	80	87	83	81	75	55	56	100	.....	226.4	320.4	71	62
Havana, Cuba	T.	.....	.....	35	39	54	74	75	72	68	66	65	55	50	49	26	.....	190.7	319.8	60	40
Kingston, Jamaica, W. I	T.	.....	.....	26	29	54	70	71	64	70	68	59	52	22	7	0	.....	162.3	324.0	50	56
Port of Spain, Trinidad, W. I	T.	.....	.....	64	64	79	79	70	83	81	79	76	69	58	55	58	.....	236.8	330.5	72	56
Puerto Principe, Cuba	T.	.....	.....	47	53	63	69	63	65	60	59	58	52	40	56	25	.....	179.0	321.4	56	48
Roseau, Dominica, W. I	T.	.....	.....	14	16	52	69	79	82	89	93	88	84	78	62	70	.....	225.4	326.9	69	64
San Juan, Puerto Rico	T.	.....	.....	27	42	58	67	73	82	78	72	78	74	62	44	11	.....	209.0	324.0	65	63
Santiago de Cuba, Cuba†	T.	.....	.....	77	78	70	80	78	77	77	81	80	72	51	51	33	.....	216.9	299.2	72	57
Santo Domingo, Santo Domingo	T.	.....	.....	52	51	56	60	64	58	60	66	70	56	48	50	56	.....	187.4	324.0	58	55
Willemstad, Curaçao	T.	.....	.....	26	21	35	59	73	74	68	71	69	55	41	21	25	.....	169.8	329.2	52	55

* All values for 25 days. † All values for 26 days.

TABLE IX.—*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 February, 1900, at all stations furnished with self-registering gages.*

Stations.	Date.	Total duration. From—	Total duration. To—	Total am't 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														
Albany, N. Y.	12-13			0.66														*			
Atlanta, Ga.	12-13	4.15 p.m.	D. N.	2.20	7.10 p.m.	7.40 p.m.	0.86	0.18	0.30	0.44	0.51	0.58	0.63	0.67	0.69	0.71					
Atlantic City, N. J.	12-13			0.93														*			
Baltimore, Md.	12-13			1.42														0.35			
Binghamton, N. Y.	12-13			0.62														0.22			
Bismarck, N. Dak.	26-27			0.13														*			
Boise, Idaho	20-21			0.29														0.10			
Boston, Mass.	24-25			1.61														0.35			
Buffalo, N. Y	12-13			1.03														0.25			
Cairo, Ill.	7			0.45														0.20			
Charleston, S. C.	28			0.56														0.36			
Chicago, Ill.	27-28			1.15														*			
Cincinnati, Ohio	8			0.40														0.17			
Cleveland, Ohio	18-19			0.56														*			
Columbia, Mo.	27-28			1.69														*			
Columbus, Ohio	8			0.51														0.20			
Denver, Colo.	11-12			0.15														*			
Des Moines, Iowa	7-8			0.13														*			
Detroit, Mich.	12-13			0.66														0.13			
Dodge, Kans	27			0.60														*			
Duluth, Minn.	10-11			0.20														*			
Eastport, Me.	25			0.95														0.30			
Elkins, W. Va.	12-13			0.71														0.21			
Erie, Pa.	28			1.14														*			
Escanaba, Mich.	7-8			0.71														0.09			
Evansville, Ind	7-8			1.24														0.35			
Fort Worth, Tex	8			0.05								0.05									
Fresno, Cal.	18			0.04					0.04												
Galveston, Tex	28			0.89														0.71			
Grand Junction, Colo.	26-27			0.05														0.02			
Harrisburg, Pa	12-13			0.98														0.31			
Hatteras, N. C.	21	5.30 p.m.	11.50 p.m.	2.49	10.00 p.m.	11.20 p.m.	0.76	0.05	0.10	0.25	0.45	0.50	0.60	0.65	0.75	1.10	1.30	1.47	1.67	1.73	
Huron, S. Dak.	25			0.10														*			
Indianapolis, Ind.	7-8			0.74														0.21			
Jacksonville, Fla.	28			0.79														0.38			
Jupiter, Fla.	†	4.12 p.m.	2.00 a.m.	2.11	10.50 p.m.	11.50 p.m.	0.36	0.21	0.58	0.91	0.94	0.96	1.07	1.10	1.12	1.12	1.12	1.44			
Kalispell, Mont	6			0.36														*			
Kansas City, Mo.	27			1.36														*			
Key West, Fla.	24			0.46														0.37			
Knoxville, Tenn	8	5.15 p.m.	7.55 p.m.	0.82	6.15 p.m.	6.40 p.m.	0.08	0.16	0.33	0.46	0.54	0.59	0.60								
Lexington, Ky	7-8			0.71														*			
Lincoln, Nebr.	7-8			0.42														*			
Little Rock, Ark	27-28			1.77														0.49			
Los Angeles, Cal	5			T.																	
Louisville, Ky	7-8			0.89														0.35			
Macon, Ga.	9-10			2.84														0.82			
Memphis, Tenn.	8	7.00 a.m.	1.40 p.m.	1.71	7.43 a.m.	8.35 a.m.	0.12	0.30	0.55	0.63	0.68	0.72	0.72	0.73	0.74	0.83	0.89	0.93			
Meridian, Miss.	12	D. N.	12.15 p.m.	2.40	7.25 a.m.	8.35 a.m.	0.48	0.15	0.22	0.24	0.27	0.32	0.40	0.48	0.56	0.65	0.77	0.98	1.15		
Milwaukee, Wis.	7-8			1.46														0.20			
Montgomery, Ala	11-12			1.74														0.52			
Nantucket, Mass.	22			1.10														0.13			
Nashville, Tenn.	8			0.98														0.52			
New Orleans, La.	12	1.15 p.m.	7.50 p.m.	1.54	2.15 p.m.	3.05 p.m.	0.17	0.07	0.21	0.27	0.47	0.65	0.80	0.89	0.93	0.97	1.01	1.06			
New York, N. Y.	4-5			1.61														0.55			
Norfolk, Va.	13			0.74														0.38			
Northfield, Vt.	12-13			1.97														0.32			
Oklahoma, Okla.	7-8			0.72														0.29			
Omaha, Nebr.	7-8			0.44														0.10			
Parkersburg, W. Va.	7-8			0.47														0.20			
Philadelphia, Pa.	4-5			0.82														0.28			
Pittsburg, Pa.	8			0.50														*			
Pocatello, Idaho	12-13			0.42														*			
Portland, Me.	5			1.50														0.48			
Portland, Oreg.	17-18			0.74														0.13			
Raleigh, N. C.	11-13			1.59														0.61			
Richmond, Va.	21-22	1.48 p.m.	D. N.	1.36	10.15 p.m.	11.00 p.m.	0.27	0.05	0.12	0.20	0.25	0.29	0.43	0.59	0.75	0.89	0.90	0.92			
Rochester, N. Y.	21-23			0.96														0.12			
St. Louis, Mo.	7-8			1.90														0.29			
St. Paul, Minn.	7-8			0.43														0.10			
Salt Lake City, Utah	9			0.23														*			
San Diego, Cal.	5			0.03														0.03			
San Francisco, Cal.	19-20			0.50														0.08			
Savannah, Ga.	28			0.79														0.26			
Seattle, Wash.	21			0.51														0.26			
Spokane, Wash.	20-21			0.28														*			
Tampa, Fla.	4	12.05 p.m.	7.30 p.m.	1.12	5.30 p.m.	5.55 p.m.	0.43	0.07	0.19	0.42	0.54	0.62									
Vicksburg	28	D. N.	D. N.	1.66	1.34 a.m.	2.05 a.m.	0.05	0.24	0.59	0.72	0.78	0.80	0.83	0.86	0.88	0.90	0.91	0.95			
Washington, D. C.	21-22			1.21														0.44			
Wilmington, N. C.	4			0.67														0.62			
Yankton, S. Dak	5			0.10														*			
Basseterre, St. Kitts	5			0.40														0.30			
Bridgetown, Barbados	5			0.36														0.20			
Cienfuegos, Cuba	25	D. N.	7.35 a.m.	0.99	2.51 a.m.	3.25 a.m.	T.	0.21	0.49	0.66	0.71	0.74	0.78	0.82	0.84	0.88	0.90	0.93			
Havana, Cuba	17-18	3.05 p.m.	D. N.	1.94	4.55 p.m.	5.35 p.m.	0.64	0.06	0.22	0.38	0.56	0.74	0.85	0.90	0.95	0.96	0.98	1.03			
Kingston, Jamaica	27			0.12				0.12													
Port of Spain, Trin.	21-22			0.35														0.24			
Puerto Principe, Cuba	25			0.62														0.30			
Roseau, Dom., W. I.	15			0.30														0.08			
San Juan, Puerto Rico.	8-9			0.65														0.36			
Santiago de Cuba	22			0.36					0.36												
Santo Domingo, S. D.	16-17			0.37														0.29			
Willemstad, Curaçao	27			0.10								0.10									

* Self-register not working. † February 28 to March 1.

TABLE X.—*Data furnished by the Canadian Meteorological Service, February*, 1900.

Stations.	Pressure.			Temperature.				Precipitation.		
	Mean not reduced.	Mean reduced.	Departure from normal.	Mean.	Departure from normal.	Mean maximum.	Mean minimum.	Total.	Departure from normal.	Depth of snow.
	Ins.	*Ins.*	*Ins.*	°	°	°	°	*Ins.*	*Ins.*	*Ins.*
St. Johns, N. F	29.69	29.84	−.09	27.5	+ 5.5	32.5	22.5	4.78	−0.17	15.0
Sydney, C. B. I	29.87	29.91	−.04	25.1	+ 5.8	33.2	16.9	7.27	+3.08	16.7
Halifax, N. S	29.84	29.95	−.03	27.6	+ 5.2	35.1	20.2	5.28	+0.58	6.0
Grand Manan, N. B	29.89	29.94	−.04	25.4	+ 2.0	32.5	18.4	6.96	+3.40	31.7
Yarmouth, N. S	29.87	29.95	−.09	28.8	+ 3.0	35.0	22.5	4.80	−1.02	15.6
Charlottet'n, P. E. I	29.87	29.91	−.01	23.5	+ 5.9	31.1	15.8	2.60	−1.10	6.6
Chatham, N. B	29.90	29.92	−.04	17.2	+ 4.7	27.6	6.7	2.70	−0.61	19.9
Father Point, Que	29.90	29.93	−.08	14.2	+ 2.7	24.3	4.2	2.70	+1.08	12.1
Quebec, Que	29.61	29.97	−.07	14.7	+ 2.9	22.1	7.3	5.18	+1.79	18.5
Montreal, Que	29.75	29.97	−.08	16.9	+ 2.4	24.2	9.5	6.35	+3.53	31.6
Bissett, Ont	29.33	29.99	−.07	9.8	+ 0.2	23.2	− 3.7	2.99	+0.67	15.2
Ottawa, Ont	29.60	29.94	−.12	15.2	+ 3.5	24.2	6.1	2.60	−0.18	14.0
Kingston, Ont	29.64	29.98	−.10	18.7	+ 0.9	27.0	10.3	3.84	+1.40	16.5
Toronto, Ont	29.58	30.00	−.09	20.1	− 1.4	27.4	12.8	5.01	+2.70	28.7
White River, Ont	28.55	30.03	−.05	−1.4	− 1.6	14.0	−16.7	1.38	+0.16	13.8
Port Stanley, Ont	29.32	30.00	−.08	20.0	− 2.8	27.6	12.4	6.03	+3.11	37.5
Saugeen, Ont	29.22	29.98	−.08	18.5	− 1.4	26.2	10.9	4.42	+1.98	25.5
Parry Sound, Ont	29.22	29.96	−.11	15.2	+ 0.9	26.3	4.2	6.31	+3.91	36.4
Port Arthur, Ont	29.27	30.03	−.07	1.5	− 4.9	13.2	−10.3	0.20	−1.13	2.0
Winnipeg, Man	29.23	30.15	−.03	−5.3	− 3.7	6.3	−16.9	0.20	−0.97	2.0
Minnedosa, Man	28.15	30.16	.00	−5.5	− 2.8	6.1	−17.2	0.37	−0.61	3.7
Qu'Appelle, Assin	27.67	30.15	.00	−5.0	− 4.4	4.2	−14.2	1.90	+1.23	19.0
Medicine Hat, Assin.	27.68	30.15	.00	9.0	− 2.2	21.1	− 3.1	1.04	+0.60	10.2
Swift Current, Assin.	27.39	30.18	+.03	4.2	− 3.8	15.6	− 7.2	0.36	−0.40	3.4
Calgary, Alberta	26.32	30.06	−.04	11.4	− 2.1	23.4	− 0.7	0.40	−0.36	4.0
Banff, Alberta	25.22	30.08	.....	15.6	− 3.6	25.8	5.4	0.65	−0.49	6.5
Edmonton, Alberta	27.64	30.12	+.01	5.5	− 2.8	16.0	− 4.9	2.18	+1.72	21.8
Prince Albert, Sask	28.42	30.14	.....	−7.1	− 4.1	4.7	−19.0	0.79	+0.06	7.9
Battleford, Sask	28.29	30.21	.....	−4.5	− 4.6	5.5	−14.6	0.66	+0.09	6.6
Kamloops, B. C	28.83	30.17	.....	27.5	.....	34.7	20.3	0.26	.....	0.8
Victoria, B. C	29.99	30.08	.....	40.8	− 0.8	45.2	36.5	2.75	−1.36	3.5
Barkerville, N. W. T.	25.53	30.01	.....	19.7	+ 1.0	27.8	11.6	4.30	+1.55	43.0
Hamilton, Bermuda.	29.91	30.07	−.01	61.8	+ 0.3	65.7	57.9	5.17	+0.77	0.0

TABLE XI.—*Heights of rivers referred to zeros of gages, February*, 1900.

Stations.	Distance to mouth of river.	Danger line on gage.	Highest water.		Lowest water.		Mean stage.	Monthly range.
			Height.	Date.	Height.	Date.		
Mississippi River.	*Miles.*	*Feet.*	*Feet.*		*Feet.*		*Feet.*	*Feet.*
St. Paul, Minn.*	1,954	14	.....	.....	.....	.....	.....	.....
Reeds Landing, Minn	1,884	12	0.1	1,2,7	— 1.0	24	—0.3	1.1
La Crosse, Wis*	1,819	12	.....	.....	.....	.....	.....	.....
North McGregor, Iowa.*	1,759	18	.....	.....	.....	.....	.....	.....
Dubuque, Iowa.*	1,699	15	.....	.....	.....	.....	.....	.....
Leclaire, Iowa.*	1,609	10	.....	.....	.....	.....	.....	.....
Davenport, Iowa*	1,593	15	.....	.....	.....	.....	.....	.....
Muscatine, Iowa	1,562	16	8.2	12	3.9	26-28	5.4	4.3
Galland, Iowa[1]	1,472	8	.....	.....	.....	.....	.....	.....
Keokuk, Iowa[1]	1,463	15	.....	.....	.....	.....	.....	.....
Hannibal, Mo.[2]	1,402	13	5.0	13,28	0.2	1	4.3	4.8
Grafton, Ill	1,306	23	8.5	22	1.0	3	5.8	7.5
St. Louis, Mo	1,264	30	9.6	24	— 0.1	4	5.2	9.7
Chester, Ill	1,189	30	7.0	25	— 0.8	5	3.4	7.8
Memphis, Tenn	843	33	23.6	23-25	6.7	10	16 5	16.9
Helena, Ark	767	42	31.6	25,26	11.7	11	23.0	19.9
Arkansas City, Ark	635	42	32.4	28	14.5	12,13	24.0	17.9
Greenville, Miss	595	42	27.5	28	11.3	12	19.8	16.2
Vicksburg, Miss	474	45	30.4	28	12.3	13,14	21.0	18.1
New Orleans, La	108	16	9.7	28	4.7	17,18	6.4	5.0
Missouri River.								
Bismarck, N. Dak.	1,309	14	4.2	1,2	1.8	25	2.8	2.4
Pierre, S. Dak.*	1,114	14	.....	.....	.....	.....	.....	.....
Sioux City, Iowa*	784	19	.....	.....	.....	.....	.....	.....
Omaha, Nebr.*	669	18	.....	.....	.....	.....	.....	.....
Plattsmouth, Nebr	641	17	.....	.....	.....	.....	.....	.....
St. Joseph, Mo	481	10	3.2	28	— 2.7	2	0.7	5.9
Kansas City, Mo	388	21	8.5	28	3.7	2	6.3	4.8
Boonville, Mo	199	20	11.5	26	5.4	2-4	8.3	6.1
Hermann, Mo	103	24	5.6	28	1.9	6,7	3.4	3.7
Des Moines River.								
Des Moines, Iowa*	150	19	.....	.....	.....	.....	.....	.....
Illinois River.								
Peoria, Ill	135	14	12.4	28	7.5	7	10.4	4.9
Osage River.								
Bagnell, Mo	70	28	.....	.....	.....	.....	.....	.....
Gasconade River.								
Arlington, Mo.	58	16	0.8	12	— 0.5	3-8,23-26	—0.2	1.3
Youghiogheny River.								
Confluence, Pa	59	10	6.1	9	1.8	2-4	2.8	4.3
West Newton, Pa.[2]	15	23	9.6	9	1.0	1	3.9	8.6
Allegheny River.								
Warren, Pa	177	14	6.3	9	2.2	22	3.8	4.1
Oil City, Pa	123	13	7.4	10	2.8	1,22	4.4	4.6
Parker, Pa[3]	73	20	8.0	10	3.0	21,22,28	5.5	7.0
Monongahela River.								
Weston, W. Va.[4]	161	18	6.4	13	0.0	19-21	1.6	6.4
Fairmont, W. Va	119	25	11.2	14	1.3	1-4	4.3	9.9
Greensboro, Pa	81	18	15.6	14	7.2	2-4	10.3	8.4
Lock No. 4, Pa	40	28	19.2	9	7.0	2-4	11.3	12.2
Conemaugh River.								
Johnstown, Pa.[4]	64	7	5.2	9	1.6	1	2.9	3.6
Red Bank Creek.								
Brookville, Pa	35	8	2.6	23	1.8	1-7	2.0	0.8
Beaver River.								
Ellwood Junction, Pa[5]	10	14	.....	.....	.....	.....	.....	.....
Great Kanawha River.								
Charleston, W. Va	61	30	15.8	15	2.0	3	7.0	13.8
New River.								
Hinton, W. Va	95	14	8.0	14	1.0	2	3.3	7.0
Cheat River.								
Rowlesburg, W. Va.[6]	36	14	7.3	14	3.8	24	4.8	3.5
Ohio River.								
Pittsburg, Pa.[10]	966	22	17.1	10	2.0	4	8.5	15.1
Davis Island Dam, Pa	960	25	16.2	10	4.1	3,4	9.1	12.1
Wheeling, W. Va	875	36	25.0	10	4.9	4	12.3	20.1
Parkersburg, W. Va.[7]	785	36	25.3	11	7.8	6	15.8	17.5
Point Pleasant, W. Va	703	39	30.3	15	5.0	5	17.1	25.3
Huntington, W. Va	660	50	34.0	15	8.6	5	21.0	25.4
Catlettsburg, Ky	651	50	35.0	15	6.6	6	20.7	28.4
Portsmouth, Ohio	612	50	35.9	15	8.9	6	22.0	27.0
Cincinnati, Ohio	499	50	37.3	17	11.2	7	24.5	26.1
Madison, Ind	413	46	31.4	17	10.9	7	21.6	20.5
Louisville, Ky	367	28	13.3	17	6.0	7	9.8	7.3
Evansville, Ind	184	35	31.1	18,19	9.9	8	21.9	21.2
Paducah, Ky	47	40	30.3	21	9.0	7	21.4	21.3
Cairo, Ill	1,073	45	31.9	21,22	11.4	8	24.2	20.5
Muskingum River.								
Zanesville, Ohio	70	20	15.3	10	7.2	3	10.1	8.1
Scioto River.								
Columbus, Ohio[8]	110	17	.....	.....	.....	.....	.....	.....
Miami River.								
Dayton, Ohio	69	18	5.9	9	1.6	7	2.6	4.3
Wabash River.								
Mount Carmel, Ill.[9]	50	15	12.9	13	2.7	5	7.8	10.2
Licking River.								
Falmouth, Ky.[7]	30	25	14.9	9	2.7	6	6.2	12.2
Clinch River.								
Speers Ferry, Va	156	20	7.5	13	0.1	2,3	2.2	7.4
Clinton, Tenn	46	25	20.0	15	3.7	2,3	8.8	16.3
Tennessee River.								
Knoxville, Tenn	614	29	13.0	14	0.7	2	4.2	12.3
Kingston, Tenn.[10]	534	25	15.0	14	1.7	5	5.7	13.3
Chattanooga, Tenn	430	33	24.3	15	2.5	3,4	9.0	21.8
Bridgeport, Ala	390	24	18.2	16	1.2	5	6.9	17.0
Florence, Ala	220	16	14.7	17,18	2.3	4	7.4	12.4
Riverton, Ala	190	25	22.2	18	2.4	5	10.3	19.8
Johnsonville, Tenn	94	21	21.3	20	3.7	6	11.9	17.6
Cumberland River.	*Miles.*	*Feet.*	*Feet.*		*Feet.*		*Feet.*	*Feet.*
Burnside, Ky	434	50	25.5	14	2.4	4	10.1	28.1
Carthage, Tenn	257	40	22.7	11	2.7	4	12.0	20.0
Nashville, Tenn	175	40	26.1	13	4.6	5	15.9	21.5
Arkansas River.								
Wichita, Kans	726	10	2.4	27	2.1	9,10	2.2	0.3
Webbers Falls, Ind. T	413	23	2.3	15,16, 21-23,26	1.6	17	2.1	0.7
Fort Smith, Ark	351	22	9.4	11	2.1	5	4.3	7.3
Dardanelle, Ark	256	21	11.5	9	2.2	5,6	4.9	9.3
Little Rock, Ark	176	23	12.5	11	3.6	5,6	6.7	8.9
White River.								
Newport, Ark	150	26	15.8	13,14	3.3	7	8.5	12 5
Yazoo River.								
Yazoo City, Miss	80	25	14.4	28	0.2	7,8	5.9	14.2
Red River.								
Arthur City, Tex.[11]	688	27	12.0	9,10	5.3	28	7.0	6.7
Fulton, Ark	565	28	17.4	12	5.9	8	9.3	11.5
Shreveport, La	449	29	10.7	15	3.8	11,12	6.1	6.9
Alexandria, La	139	33	8.2	18	2.9	12	5.0	5.3
Ouachita River.								
Camden, Ark	340	39	18.2	12	5.9	6	10.1	12.3
Monroe, La	100	40	11.6	28	4.4	7-9	7.8	7.2
Atchafalaya River.								
Melville, La	100*	31	25.6	28	18.0	15,16	21.3	7.6
Susquehanna River.								
Wilkesbarre, Pa	178	14	11.2	24	1.8	2	7.6	9.4
Harrisburg, Pa	70	17	14.0	9	4.8	7,8	5.6	9.2
W. Br. of Susquehanna.								
Williamsport, Pa	35	20	9.8	23	2.8	2,3	4.8	7.0
Juniata River.								
Huntingdon, Pa.[12]	80	24	6.3	22	4.2	25	4.9	2.1
Potomac River.								
Harpers Ferry, W. Va	170	16	7.1	24	2.0	8,9	3.5	5.1
James River.								
Lynchburg, Va.[4]	257	18	7.7	14	0.9	6,7	2.9	6.8
Richmond, Va.[4]	110	12	5.7	24	— 1.4	11	1.3	7.1
Roanoke River.								
Weldon, N. C.	90	40	30.8	15	7.7	3	14.8	23.1
Cape Fear River.								
Fayetteville, N. C	100	38	36.0	14	4.4	4	15.1	31.6
Lumber River.								
Fairbluff, N. C	10	6	6.0	18-20	3.4	9	4.8	2.6
Edisto River.								
Edisto, S. C	75	6	5.6	22,23	3.5	6	4.7	2.1
Pedee River.								
Cheraw, S. C	145	27	28.8	15	1.3	4	10.0	27.5
Black River.								
Kingstree, S. C	60	12	8.8	28	4.1	8-10	5.8	4.7
Lynch Creek.								
Effingham, S. C	35	12	13.0	20	4.1	7	8.4	8.9
Santee River.								
St. Stephens, S. C	50	12	12.4	22,23	2.6	6	7.1	9.8
Congaree River.								
Columbia, S. C	37	15	16.5	14	0.2	3,4	4.3	16.3
Wateree River.								
Camden, S. C	45	24	28.0	15	3.3	4	11.7	24.7
Waccamaw River.								
Conway, S. C	40	7	6.4	27	5.8	10	6.2	0.6
Savannah River.								
Calhoun Falls, S. C	347	.....	19.4	14	2.7	4	5.2	16.7
Augusta, Ga	268	32	32.7	14	6.3	4	14.0	26.4
Broad River.								
Carlton, Ga	30	.....	22.2	13	2.3	1-4	4.9	19.9
Flint River.								
Albany, Ga	80	20	29.0	18,19	1.8	1	13.6	27.2
Chattahoochee River.								
Westpoint, Ga	239	20	19.5	14	2.4	3	6.7	17.1
Ocmulgee River.								
Macon, Ga	125	20	21.7	14	1.5	2-4	8.2	20.2
Oconee River.								
Dublin, Ga	60	30	24.9	17	1.6	2-4	10.5	23.3
Coosa River.								
Rome, Ga	225	30	27.2	14	1.6	3	7.9	25.6
Gadsden, Ala	144	18	21.6	15-17	1.8	3,4	9.6	19.8
Alabama River.								
Montgomery, Ala	265	35	48.6	15	5.0	4	20.9	43.6
Selma, Ala	212	35	48.0	17	3.5	3	23.6	44.5
Tombigbee River.								
Columbus, Miss	303	33	10.2	13	0.2	3	4.5	10.0
Demopolis, Ala	155	35	44.4	16	5.0	3	24.9	39.4
Black Warrior River.								
Tuscaloosa, Ala	129	43	48.0	14	5.0	3	21.4	43.0
Columbia River.								
Umatilla, Oreg	270	25	5.0	1	2.0	28	3.3	3.0
The Dalles, Oreg	166	40	8.0	25	4.6	21	6.6	3.4
Willamette River.								
Albany, Oreg	99	20	16.7	23	5.2	6-8	7.4	11.5
Portland, Oreg	10	15	10.4	24	3.9	17	6.3	6.5
Sacramento River.								
Red Bluff, Cal	241	23	7.7	21	1.8	15-17	3.4	5.9
Sacramento, Cal	70	29	21.4	4	15.5	20	17.9	5.9

* Frozen.

[1] Frozen for 24 days. [2] Frozen for 7 days. [3] Frozen for 8 days. [4] Frozen for 3 days. [5] Frozen for 19 days. [6] Frozen for 11 days. [7] Frozen for 5 days. [8] Frozen for 15 days. [9] Frozen for 4 days. [10] Frozen for 1 day. [11] Record for 22 days. [12] Frozen for 13 days.

Blank page retained for pagination