CLIMATOLOGICAL DATA FOR DECEMBER, 1913.

DISTRICT NO. 1, NORTH ATLANTIC STATES.

Prof. WILFORD M. WILSON, District Editor.

GENERAL SUMMARY.

December was much milder than usual, and, in spite of the cold week at its close and a few days of stormy weather, it has been considered a remarkably pleasant month. The favorable open weather gave great opportunity in the southern part of the district for outdoor activities, which are usually greatly hindered during the last month of the year. Precipitation was generally less than usual in December, and the storms were of little consequence except the one that occurred on the 26th, when heavy snow fell throughout the Northern States and destructive gales swept the coast of New Jersey.

The following table exhibits the leading features of meteorological interest for the various sections of the district:

States or parts of States within District No. 1.	Temperature.				Precipitation.				Average number of—	
	Average.	Departure.	Highest.	Lowest.	Average.	Departure.	Greatest total.	Least total.	Rainy days.	Clear days.
New England	31.3	+4.5	62	−23	3.24	−0.07	5.64	1.86	7	13
New York	31.6	+4.7	60	−15	2.55	−0.73	5.28	0.74	7	12
Pennsylvania	34.5	+4.3	63	− 7	2.84	−0.30	4.49	1.11	7	10
New Jersey	37.7	+4.6	63	−11	3.03	−0.81	4.59	1.47	7	13
Maryland, Delaware, and District of Columbia	39.5	+4.4	72	9	2.41	−0.98	3.36	1.43	6	13
West Virginia	36.0	+4.2	68	3	2.58	−0.23	3.25	1.35	6	11
Virginia	39.6	+4.2	71	14	3.39	−0.80	3.39	1.13	4	15

TEMPERATURE.

The year just closed has been one with an unusually high average temperature, the month of December being one of the most abnormal of the year, giving mean temperatures more than 4° above the seasonal average. The weather in December did not assume the characteristics of winter until after Christmas, when a very marked change to colder occurred.

There were no exceptionally warm days in the month, but the temperature averaged above the normal on all but about eight days. The highest temperature occurred on many different dates in different sections, the highest reported being 72° at Frostburg, Md., on the 7th.

Temperatures of zero or below, except in a very few instances, were confined to the last week; such temperatures occurred at nearly all stations farther north than Massachusetts, at some others in New York and Pennsylvania, and at Layton, N. J., about the 28th. The lowest observed was −23° at Van Buren, Me., on the 29th.

PRECIPITATION.

This element of the month's weather demands little comment, since precipitation of consequence occurred on only about four dates, the 7th, 8th, 24th, and 26th at the North and the 7th, 23d, 24th, 25th, and 26th in some other sections. A little more than the normal amount of precipitation occurred at some thirty stations in New England, but in other States the amount was less than normal at very nearly all stations. Precipitation was rather evenly distributed, the greatest total for the month being 5.64 inches at Kingston, R. I., and the least 0.74 at Haskinville, N. Y., while the number of stations receiving less than 2 inches was small.

SNOWFALL.

As the dates of the principal storms were also the dates of the coldest weather, generally speaking, the snowfall proved to be nearly as much as usually occurs in December, notwithstanding the prevailing high temperatures and the general deficiency in precipitation. Snowfall averaged about 21 inches in Vermont, 17 in Maine, 15 in New Hampshire, 9 in New York, 7 in Pennsylvania, 4 in West Virginia, and less than 1 inch in other sections. The greatest daily snowfall in the district was 18 inches at Hanover, N. H., on the 8th.

STORM OF THE 26TH.

The following rather abridged account of the storm of the 26th has been prepared from the reports that have been examined:

With 13 lives lost and millions of dollars of damage done to property, the terrific wind, rain, sleet, and snow storm, which began Christmas night and swept over five States, abated early on the 27th, leaving a cold snap in its wake. The masters of the *A. C. Rose* and the *Undaunted*, coal barges, with eight seamen, lost their lives when the barges foundered off Forked River, N. J. Two men died of exposure and were found in roads near Trenton, N. J. A workman was drowned in the East River when his rowboat was swamped. The full force of the storm fell upon that portion of New Jersey which reaches out into the ocean like an elbow. Records at Long Branch show that the wind attained a velocity of 123 miles an hour, the highest ever recorded by the Weather Bureau at that point. Seabright, N. J., was the plaything of the ocean. Waves whipped by the gale tore away supposedly floodproof bulkheads, smashed bathhouses, washed away or undermined fishermen's cottages, tore away portions of two big summer hotels, inundated the main streets, and buried railroad tracks under 18 inches of sand, brick, and rock.

MISCELLANEOUS.

There was very little change in river stages during the month and the gage readings were comparatively low.

The percentage of the possible sunshine averaged 50 according to the records of 13 regular Weather Bureau stations. Sunshine was most abundant near the coast and least over northeastern Pennsylvania and adjacent parts of New York. A record of 188 hours of sunshine was obtained at Atlantic City, N. J., and of only 60 at Binghamton, N. Y.

TABLE 1.—*Climatological data for December, 1913. District No. 1, North Atlantic States.*

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahrenheit. Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Precipitation, in inches. Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, unmelted.	Number of rainy days, 0.01 inch or more.	Sky. Number of clear days.	Number of partly cloudy days.	Number of cloudy days.	Prevailing wind direction.	Observers.
Maine.																				
Bar Harbor	Hancock	20	27	29.9	+ 3.1	62	5	− 7	29	37	4.70	+ 0.01	1.80	5.2	5	16	4	11	s. e.	William Miller.
Cornish	York	778	58	30.9	+ 5.7	55	14†	− 6	29	42	3.76	+ 0.13	1.51	23.0	7	13	8	10	s. w.	T. H. West.
Eastport	Washington	53	41	29.6	+ 4.3	52	8	7	31	29	3.14	− 0.83	1.60	7.5	16	6	11	14	w.	U. S. Weather Bureau.
Fairfield	Somerset	90	28	27.2	+ 5.5	50	8	− 10	29	31	3.01	+ 0.09	1.18	11.5	3	7	4	20	.....	E. F. Parker.
Farmington	Franklin	450	16	25.3	+ 7.8	50	14	− 11	29	34	3.02	− 0.37	1.04	19.0	6	10	8	13	n. w.	State Normal School.
Gardiner	Kennebec	163	21	28.9	+ 5.2	53	8	− 7	28	37	4.17	+ 0.47	1.73	16.0	7	14	7	10	w.	Samuel D. Soule.
Greenville	Piscataquis	1,140	9	22.2	.....	45	14	− 6	28	29	4.10	+ 1.24	1.12	29.5	9	.....	.....	.....	.....	U. S. Weather Bureau.
Houlton	Aroostook	362	11	23.7	.....	40	14†	− 18	29	36	2.70	+ 0.37	1.10	17.0	5	11	8	12	w.	Bangor & Aroostook R. R.
Lewiston	Androscoggin	185	39	28.3	+ 4.9	50	14	0	29	28	4.43	+ 0.39	1.25	21.5	6	12	9	10	n. w.	Union Water Power Co.
Madison	Somerset	257	10	24.0	.....	51	15	− 12	30	37	4.01	+ 0.82	1.50	16.0	6	17	0	14	n. w.	William Jardine.
Millinocket	Penobscot	386	10	23.8	.....	44	14	− 11	29	36	4.03	+ 1.01	1.25	16.2	10	12	2	17	w.	F. C. Bowler.
North Bridgton	Cumberland	450	20	29.4	+ 5.7	53	14	0	29	34	2.96	− 0.56	1.47	17.0	5	6	15	10	n. w.	G. E. Chadbourne.
Orono	Penobscot	129	44	28.0	+ 6.7	51	8	− 11	29	40	2.87	− 0.75	1.10	10.0	5	11	9	11	n. w.	Department of Physics.
Patten	.....do	550	11	20.6[d]	.....	45[d]	13	− 9[d]	29	37[d]	2.14	.....	0.80	15.0	5	16[d]	5[d]	6[d]	n. e.	Bangor & Aroostook R. R.
Pemaquid	Lincoln	.....	0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Bristol High School.
Portland	Cumberland	99	42	31.9	+ 4.8	52	14	13	29	28	4.29	+ 0.61	1.70	7.3	10	12	4	15	n.	U. S. Weather Bureau.
Presque Isle	Aroostook	.....	4	20.6	.....	50	4	− 22	29	34	3.59	.....	0.90	27.0	13	13	2	16	n. e.	E. M. Libby.
Rumford Falls	Oxford	505	20	27.2	+ 5.7	48	14	0	28	25	2.65	− 0.26	1.11	20.5	7	13	8	10	n. w.	Charles A. Mixer.
Van Buren	Aroostook	510	8	19.0	.....	37	14	− 23	29	34	3.87	.....	2.00	31.2	10	10	3	18	s.	J. M. Thomas.
Winslow	Kennebec	90	18	28.6	+ 7.6	52	8	− 12	29	38	3.15	+ 0.24	1.86	16.5	7	14	12	5	w.	Hollingsworth & Whitney Co.
New Hampshire.																				
Alstead Center	Cheshire	1,120	9	27.8	+ 4.5	47	14	1	28	26	2.08	− 0.79	0.62	19.0	5	19	3	9	n. w.	Frank Dewing.
Benton	Grafton	.....	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	State Sanatorium.
Bethlehem	.....do	1,470	21	24.5	+ 3.9	46	7	− 4	27	29	1.86	− 0.46	0.83	12.0	8	11	3	17	w.	Benjamin Tucker.
Concord	Merrimack	350	53	29.2	+ 2.8	53	14	− 1	29	32	2.08	− 1.27	1.03	11.4	7	8	7	16	n. w.	U. S. Weather Bureau.
Durham	Stafford	88	18	31.9	+ 3.6	55	14	3	29	31	1.91	− 0.96	0.65	4.5	5	16	6	9	n. w.	Agr. Exp. Station.
Franklin	Merrimack	440	14	29.0	+ 5.4	52	14	− 4	28	35	3.18	+ 0.02	1.05	14.5	5	19	2	10	n. w.	Dr. C. P. Webster.
Grafton	Grafton	863	27	26.1	+ 4.3	48	14†	− 10	28	38	2.73	− 0.15	0.80	20.5	4	17	3	11	n. w.	P. R. Kimball.
Hanover	.....do	603	79	25.0	+ 3.6	49	14†	− 12	28†	37	3.50	+ 1.14	1.52	32.8	9	6	10	15	w.	Dartmouth College.
Keene	Cheshire	506	28	28.2	+ 2.6	50	14	− 6	28	37	2.67	− 0.07	0.86	14.2	5	13	8	10	n. w.	Samuel Wadsworth.
Nashua	Hillsboro	125	28	33.1	+ 5.4	55	14	6	29	32	2.96	− 0.41	1.28	2.5	4	10	9	12	n. w.	C. B. Stevens.
Newton	Rockingham	.....	25	31.6	+ 3.9	54	14	4	28†	33	3.43	+ 0.58	1.32	3.0	6	13	9	9	n. w.	W. C. Gale.
Plymouth	Grafton	500	25	26.6	+ 4.4	47	14	− 9	29	35	2.91	− 0.26	0.93	26.0	5	14	1	16	w.	Hattie G. Trow.
Vermont.																				
Bloomfield	Essex	.....	6	24.0	.....	45	17	− 16	28	32	1.91	.....	0.57	15.8	11	9	5	17	s.	Lyman Falls Power Co.
Cavendish	Windsor	910	10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Colonial Power & Light Co.
Chelsea	Orange	840	18	23.4	+ 2.2	46	14	− 14	28†	38	2.51	+ 0.46	0.70	20.0	7	8	5	18	n.	W. F. Dewey.
Manchester	Bennington	980	14	29.3	.....	48	7	− 1	28	26	2.26	.....	0.79	17.0	6	7	13	11	s. w.	N. M. Canfield Co.
Somerset	Windham	2,096	1	26.3	.....	45	17	− 9	28	42	3.27	.....	0.93	27.4	9	10	4	17	s. w.	Power Construction Co.
St. Johnsbury	Caledonia	711	20	24.4	+ 3.7	45	17	− 14	28	28	2.78	+ 0.53	0.92	19.3	10	9	7	15	n. w.	Fairbanks Museum.
Woodstock	Windsor	700	21	26.2	+ 4.7	48	17	− 12	29	37	3.41	+ 0.88	1.44	25.5	3	8	5	18	.....	John S. Eaton.
Massachusetts.																				
Amherst	Hampshire	222	24	32.0	+ 4.7	53	7†	5	28	28	3.38	− 0.13	1.11	4.0	9	9	8	14	n. w.	Agr. Exp. Station.
Blue Hill	Norfolk	640	29	34.2	+ 4.4	53	7†	15	12†	28	3.66	+ 0.21	1.34	2.6	9	13	5	13	w.	Blue Hill Observatory.
Boston	Suffolk	124	43	37.8	+ 6.2	56	7	18	19	28	3.05	− 0.36	1.16	0.9	6	10	9	12	w.	U. S. Weather Bureau.
Chestnut Hill	.....do	124	33	35.8	+ 5.4	59	3	15	28	27	3.33	+ 0.13	1.20	0.5	5	23	0	8	.....	Met. Water Board.
Clinton	Worcester	370	17	32.8	.....	55	7	9	27†	32	3.50	.....	1.25	4.2	4	21	0	10	.....	Do.
Concord	Middlesex	139	23	32.5	+ 5.1	55	7	6	29	31	2.82	− 0.52	0.95	4.1	6	8	12	11	s. w.	Fred A. Tower.
Fall River	Bristol	200	47	37.0	+ 2.8	57	7	18	12†	22	4.08	+ 0.65	1.93	0.5	8	6	18	7	n. w.	C. V. S. Remington.
Fitchburg	Worcester	550	30	33.0	+ 4.5	53	7†	8	28†	29	2.44	− 1.11	0.98	10.0	5	18	4	9	w.	Dr. A. P. Mason.
Framingham	Middlesex	160	33	34.4	+ 4.1	57	15	12	28	36	3.15	− 0.48	1.18	2.8	4	.....	.....	.....	.....	Met. Water Board.
Hyannis[sb]	Barnstable	31	22	37.9	+ 0.8	54	21	18	12	19	3.38	− 0.12	1.32	.....	8	14	9	8	n. w.	C. F. Sleeper.
Lawrence	Essex	51	29	33.3	+ 4.7	53	7†	11	28	29	3.38	+ 0.17	1.25	5.8	7	13	8	10	w.	Essex Co.
Lowell	Middlesex	100	28	34.0	+ 5.2	53	8	9	29	27	3.59	+ 0.04	1.36	.....	7	.....	.....	.....	.....	Props. Locks & Canals.
Middleboro	Plymouth	53	27	35.2	+ 4.2	57	8	13	30	31	3.64	+ 0.43	1.64	T.	6	10	7	14	n. w.	A. R. Gurney.
Nantucket	Nantucket	47	27	39.3	+ 2.6	58	7	22	19	22	3.21	− 0.43	1.18	T.	9	9	8	14	n. w.	U. S. Weather Bureau.
New Bedford	Bristol	88	101	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	City engineer.
Norfolk	Norfolk	244	10	32.3	.....	58	22	6	28	37	3.32	.....	1.25	0.5	4	15	7	9	n. w.	Ruby H. Martyn.
Plymouth	Plymouth	.....	28	34.6	.....	54	8	15	12	28	4.47	.....	1.65	0.5	7	17	8	6	w.	Laura B. Knapp.
Provincetown	Barnstable	40	26	39.4	+ 4.3	55	8	20	19	26	2.89	− 0.83	0.95	T.	5	19	0	12	n. w.	Gideon Bowley.
Rockport	Essex	25	11	36.8	.....	52	8	17	12†	25	3.33	.....	0.95	0	7	11	11	9	n. w.	C. F. P. Bearse.
Rutland	Worcester	1,160	11	31.4[g]	.....	51[g]	8	11[g]	12†	30[g]	2.23[g]	.....	1.07[g]	2.6[g]	5[g]	10[h]	10[h]	3[h]	s. w.[h]	State Sanatorium.
Springfield	Hampden	199	7	35.8	+ 7.2	56	14	9	28	27	2.77	− 0.72	0.90	2.0	6	12	8	11	n. w.	U. S. Armory.
Turners Fall	Franklin	200	22	31.8	+ 6.3	51	14	3	28	29	2.20	− 1.09	0.86	6.5	5	15	4	12	.....	Turners Falls Co.
Westboro	Worcester	298	39	36.0	+ 5.8	54	8	6	28	28	2.30	− 0.98	1.00	3.5	4	.....	.....	.....	.....	G. S. Newcomb.
William town	Berkshire	711	32	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Williams College.
Worcester	Worcester	518	21	33.9	+ 4.3	52	7	15	28	24	2.07	− 1.08	0.82	6.7	5	14	6	11	s. w.	G. W. Swan.
Rhode Island.																				
Block Island	Newport	26	33	39.8	+ 3.2	58	7	22	12	26	3.50	− 0.32	1.42	T.	9	11	5	15	nw.	U. S. Weather Bureau.
Bristol	Bristol	53	27	38.3	+ 4.7	56	7	21	29	22	3.98	+ 0.67	1.66	0	7	19	4	8	nw.	N. G. Herreshoff.
Kingston	Washington	250	24	34.4	+ 2.7	55	21	13	12	27	5.64	+ 1.91	2.52	T.	8	12	9	10	w.	Nathaniel Helme.
Narragansett Pier	Newport	22	31	37.4	+ 3.9	57	7	16	12	27	4.52	+ 1.00	1.55	T.	9	15	6	10	w.	U. S. Weather Bureau.
Providence	Providence	182	9	37.2	+ 5.6	56	7	18	28	29	3.46	+ 0.05	1.55	0.2	7	13	6	12	nw.	Do.
Connecticut.																				
Bridgeport	Fairfield	20	20	36.6	.....	56	14	17	28†	31	4.03	.....	1.38	0.1	8	11	14	6	w.	William Jennings.
Canton	Hartford	900	52	32.8	+ 4.5	53	7†	7	28	34	2.92	− 0.69	0.95	3.0	6	15	5	11	nw.	G. J. Case.
Colchester	New London	370	27	34.0	+ 2.0	54	7†	12	28	27	4.33	+ 1.03	1.72	T.	8	13	4	14	w.	S. P. Willard.
Cream Hill	Litchfield	1,300	17	29.8	+ 3.9	48	14	4	28	25	2.03	− 2.65	0.95	9.8	6	14	6	11	nw.	C. L. Gold.
Danielson	Windham	300	11	35.0	.....	55	8	14	28	26	3.30	.....	1.35	.....	3	19	5	7	n.	F. E. Bitgood.
Hartford	Hartford	159	9	35.6	+ 5.8	55	7	12	28	28	3.59	+ 0.02	1.05	1.5	7	9	11	11	nw.	U. S. Weather Bureau.
Hawleyville	Fairfield	600	15	34.6	+ 6.6	53	3†	13	28	28	3.02	− 1.82	1.12	.....	5	16	4	11	nw.	C. B. Hawley.
New Haven	New Haven	127	126	37.6	+ 5.8	56	14	17	28	26	4.28	+ 0.63	1.59	0.2	8	12	9	10	nw.	U. S. Weather Bureau.
New London	New London	47	43	39.0	+ 6.3	58	21	19	29	25	3.03	− 0.25	1.10	T.	6	10	14	7	w.	Thos. C. Dillon.
North Grosvenor Dale	Windham	400	23	32.4	+ 2.8	55	7†	9	27†	33	3.34	− 0.09	1.55	.....	5	15	7	9	nw.	Grosvenor Dale Co.
Norwalk	Fairfield	116	23	34.8	+ 3.2	55	3	14	28†	30	3.43	+ 0.63	1.33	0.5	7	15	11	5	nw.	George C. Comstock.

TABLE 1.—*Climatological data for December, 1913. District No. 1*—Continued.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahrenheit. Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Precipitation, in inches. Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, unmelted.	Number of rainy days, 0.01 inch or more.	Sky. Number of clear days.	Number of partly cloudy days.	Number of cloudy days.	Prevailing wind direction.	Observers.
Connecticut—Contd.																				
Southington	Hartford	140	44	34.6	+ 5.8	54	8	10	28	29	3.55	+ 0.19	1.40	2.5	5	4	21	6	nw.	Luman Andrews.
Storrs	Tolland	640	25	36.6	+ 6.9	60	3	17	28	28	3.18	− 0.16	2.00	.....	5	23	1	7	nw.	Agr. Exp. Station.
Torrington	Litchfield	625	12	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Prof. E. H. Forbes.
Voluntown	New London	260	28	32.8	+ 0.5	57	8†	7	29†	36	3.94	− 0.21	1.55	.....	5	18	5	8	nw.	J. L. Herbert.
Waterbury	New Haven	400	38	35.4	+ 4.7	57	17	11	28	32	2.84	− 1.18	0.97	4.0	6	.....	.....	.....	.....	N. J. Welton.
New York.																				
Addison	Steuben	1,000	23	32.4	+ 3.9	56	4	− 6	28†	48	2.05	− 0.10	0.88	9.0	9	13	6	12	sw.	Dr. H. R. Ainsworth.
Albany	Albany	97	92	32.0	+ 4.5	55	14	3	29	24	1.60	− 0.97	0.86	7.8	9	5	11	15	s.	U. S. Weather Bureau.
Alfred	Allegany	1,976	18	29.6	+ 4.0	51	7	− 7	27	35	1.87	− 0.64	0.62	16.7	10	8	6	17	sw.	F. S. Place.
Amsterdam	Montgomery	277	9	29.0	.....	50	7	− 2	29	24	1.96	.....	0.70	12.0	4	15	1	15	w.	Emery Elmwood.
Athens	Greene	90	11	28.6	+ 1.5	54	14	2	29	29	1.97	− 1.67	0.99	7.5	6	13	9	9	s.	E. C. Brooks.
Ballston Lake	Saratoga	400	9	28.2	.....	51	7	− 11	29	35	2.43	.....	1.04	14.9	7	11	5	15	w.	Geo. R. Schauber.
Bedford	Westchester	450	22	34.0	+ 3.6	55	7	13	19	27	4.32	+ 0.75	1.00	0.8	6	3	23	5	.....	Dr. L. Rosenburg.
Beerston	Delaware	1,214	1	30.9	.....	50	7	− 4	28	34	1.72	.....	0.93	7.8	7	12	5	14	w.	John Q. Barlow.
Binghamton	Broome	875	22	31.5	+ 3.8	52	7	2	29	32	1.63	− 0.81	0.63	8.1	7	4	6	21	nw.	U. S. Weather Bureau.
Bouckville	Madison	1,350	16	28.2	+ 5.7	47	7	− 2	28	29	2.46	− 1.24	1.30	21.0	7	4	10	17	nw.	L. W. Griswold.
Boyds Corners	Putnam	560	31	.....	.....	.....	.....	.....	.....	.....	3.05	− 1.17	.....	.....	.....	.....	.....	.....	.....	Thos. Manning.
Carmel	do	500	21	32.2	+ 3.5	55	14	10	12†	33	2.70	− 1.57	1.09	1.0	5	11	8	12	nw.	Do.
Chatham	Columbia	470	12	30.8	+ 6.0	53	7†	3	28	28	2.16	− 0.49	0.88	12.0	6	10	9	12	n.	Morton R. Tank.
Cooperstown	Otsego	1,250	59	29.2	+ 4.6	48	7	− 2	28	22	2.37	− 0.50	0.95	10.5	7	21	3	7	n.	Miss Elizabeth C. Keese.
Corinth	Saratoga	542	11	.....	.....	.....	.....	.....	.....	.....	3.05	.....	0.98	.....	5	.....	.....	.....	.....	A. M. Hollister.
Cortland	Cortland	1,129	51	30.2	+ 4.0	49	7†	− 1	29	35	2.59	− 0.52	0.74	12.7	11	9	8	14	sw.	F. G. Baker.
Cutchogue	Suffolk	32	14	38.4	+ 5.1	56	21	21	29	27	3.51	− 1.84	1.10	T.	7	16	10	5	nw.	Wm. A. Fleet.
De Ruyter	Madison	1,300	10	30.0	+ 4.8	57	6	− 6	28†	40	2.84	− 0.13	1.18	15.4	9	14	2	15	s.	B. D. Crandall.
Elmira	Chemung	863	30	32.6	+ 3.6	52	7†	0	29	45	1.82	− 0.60	0.79	8.0	4	9	8	14	sw.	T. A. Brown.
Glens Falls	Warren	340	22	28.2	+ 4.5	52	5	− 7	28	34	3.25	− 0.15	1.04	23.0	6	6	7	18	w.	Prof. C. L. Williams.
Gloversville	Fulton	850	21	28.7	+ 5.8	48	17	− 7	28	27	2.71	− 1.12	0.75	20.0	7	10	13	8	w.	W. L. McLean.
Greenfield Center	Saratoga	314	15	28.5	+ 5.3	48	7	− 5	28	32	2.95	− 0.24	1.10	18.5	5	12	9	10	sw.	S. E. Darrow.
Haskinville	Steuben	.....	18	.....	.....	.....	.....	.....	.....	.....	0.74	− 1.37	0.30	.....	5	.....	.....	.....	.....	W. G. Collins.
Hoosick Falls	Rensselaer	410	11	.....	.....	.....	.....	.....	.....	.....	0.97	.....	0.35	7.0	6	.....	.....	.....	.....	S. L. Cluett.
Indian Lake	Hamilton	1,705	14	25.0	+ 5.6	50	2	− 15	29	41	2.30	− 1.17	0.80	.....	6	15	7	9	n.	Lester Severle, jr.
Jeffersonville	Sullivan	1,240	10	31.0	.....	53	6	1	28†	36	2.44	.....	1.08	4.0	5	16	9	6	w.	Chas. Wilfert, jr.
Liberty	do	2,300	31	30.0	+ 6.1	64	2	5	27	35	0.97	− 2.87	0.30	6.5	5	21	1	9	nw.	Dr. H. M. King.
Little Falls	Herkimer	924	15	30.1	+ 7.8	48	7†	− 1	27	25	1.29	− 1.93	0.38	9.5	6	10	7	14	w.	O. J. Dempster.
Mohonk Lake	Ulster	1,245	17	32.6	+ 6.4	49	14	8	28	30	3.16	− 0.49	1.13	6.0	4	12	13	6	w.	Daniel Smiley.
Morehouseville	Hamilton	1,697	5	25.6	.....	45	7	− 11	28	33	2.87	.....	1.08	25.0	12	19	3	9	w.	T. C. Remonda.
Morrisville	Madison	1,325	1	28.5	.....	50	7	− 8	28	31	1.89	.....	1.60	23.0	3	2	13	16	nw.	I. M. Charlton.
Mount Hope	Westchester	200	16	37.1	+ 6.5	55	3†	15	29	24	5.28	+ 1.42	1.72	.....	6	3	20	8	.....	W. A. Cornelius.
Mount McGregor	Saratoga	1,060	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	W. S. Stanton.
Newark Valley	Tioga	825	26	.....	.....	.....	.....	.....	.....	.....	2.47	+ 0.04	0.82	12.5	9	.....	.....	.....	.....	Lyman D. Clinton.
New Berlin	Chenango	1,090	6	.....	.....	.....	.....	.....	.....	.....	1.86	.....	0.80	10.0	5	.....	.....	.....	.....	Chas. F. Sarle.
New Lisbon	Otsego	1,234	23	26.7	+ 3.1	48	7	− 12	28	30	2.33	− 0.74	1.37	13.0	5	9	2	20	s.	G. A. Yates.
New York City	New York	314	88	38.8	+ 4.4	58	3	19	28	27	2.40	− 1.05	1.09	0.3	8	11	9	11	nw.	U. S. Weather Bureau.
North Creek	Warren	1,002	5	30.0	.....	58	14†	− 7	28	34	1.99	.....	0.74	18.0	6	17	8	6	w.	W. G. Kenwell.
Northville	Fulton	742	11	.....	.....	.....	.....	.....	.....	.....	2.43	.....	0.98	14.8	3	.....	.....	.....	.....	P. C. Pickard.
Oneonta	Otsego	1,112	19	31.2	+ 4.0	50	7	− 4	28	28	1.78	− 1.37	0.68	7.0	7	13	2	16	sw.	H. W. Lee.
Oxford	Chenango	916	48	29.9	+ 4.3	50	7	− 4	28†	32	2.08	− 0.99	0.58	8.0	5	8	8	15	w.	J. P. Davis.
Oyster Bay	Nassau	40	9	.....	.....	.....	.....	.....	.....	.....	2.54	.....	1.14	0	4	17	6	8	sw.	Prof. Thos. Colby.
Port Jervis	Orange	470	29	32.2	+ 3.8	53	7	1	29	29	3.57	+ 0.05	1.38	7.0	8	14	7	10	nw.	W. H. Nearpass.
Roslyn	Nassau	215	1	37.7	.....	59	3	16	28	27	2.79	.....	1.15	T.	9	15	5	11	nw.	C. H. Hechler.
Salisbury	Herkimer	1,526	16	26.5	+ 6.0	46	17	− 7	28	34	1.98	− 2.35	0.71	16.0	9	15	8	8	w.	Joseph Ryan.
Scarsdale	Westchester	200	9	38.2	.....	60	3	11	28	31	2.50	.....	1.00	0.5	7	18	7	6	nw.	C. H. Wilmarth.
Setauket	Suffolk	40	28	38.8	+ 4.3	56	7	22	12†	26	4.25	+ 0.28	1.65	0.3	8	13	9	9	w.	Selah D. Strong.
Sharon Springs	Schoharie	821	0	31.1	.....	52	7	− 6	28	28	2.46	.....	1.25	13.0	7	13	7	11	nw.	Wm. M. Kling.
Sherburne	Chenango	.....	6	.....	.....	.....	.....	.....	.....	.....	2.19	.....	1.14	.....	6	.....	.....	.....	s.	D. G. Trow.
Southampton	Suffolk	36	12	38.4	+ 6.0	56	8	20	12	27	3.63	− 1.73	1.03	T.	6	14	12	5	nw.	W. L. Jagger.
Southeast Reservoir	Putnam	310	18	.....	.....	.....	.....	.....	.....	.....	2.74	− 1.45	.....	.....	.....	.....	.....	.....	.....	Thos. Manning.
South Edmeston	Otsego	1,300	1	28.2	.....	59	3	− 12	28	30	2.16	.....	0.75	12.2	6	6	5	20	s.	F. H. Bilderbeck.
Spier Falls	Saratoga	400	12	27.1	+ 3.7	50	5†	− 7	27	37	3.49	− 0.05	1.11	23.0	6	7	11	13	w.	Geo. E. Fifield.
Trenton Falls	Oneida	751	10	.....	.....	.....	.....	.....	.....	.....	2.92	.....	0.70	.....	10	.....	.....	.....	.....	C. W. Young.
Tribeshill	Montgomery	268	10	.....	.....	.....	.....	.....	.....	.....	2.60	.....	0.90	17.0	6	.....	.....	.....	.....	R. S. Marshall.
Troy	Rensselaer	.....	0	33.8	.....	56	14	5	28†	25	.....	.....	.....	.....	.....	12	8	11	.....	David B. Plum.
Utica	Oneida	537	47	.....	.....	.....	.....	.....	.....	.....	2.92	− 0.41	1.15	.....	8	.....	.....	.....	.....	W. E. Young.
Wading River	Suffolk	112	7	37.0	.....	56	7†	15	30	31	4.46	.....	1.69	1.0	8	23	2	6	nw.	H. B. Fullerton.
Wappingers Falls	Dutchess	110	23	33.2	+ 5.1	53	3†	7	29	29	2.72	− 1.13	1.26	7.0	6	16	10	5	sw.	H. C. Townsend.
Warwick	Orange	538	19	.....	.....	.....	.....	.....	.....	.....	2.35	− 0.71	0.90	0.3	6	19	7	5	.....	John W. Sly.
Waverly	Tioga	824	31	31.5	+ 3.5	54	7†	− 6	28	33	1.99	− 0.54	0.95	10.8	8	6	15	10	nw.	J. F. Shoemaker.
West Berne	Albany	946	14	30.8	+ 6.9	51	7†	− 11	28	34	1.37	− 1.07	0.80	13.0	5	8	6	17	w.	W. J. Haverly.
West Point	Orange	167	64	36.6	+ 5.3	56	14	15	29	27	3.89	+ 0.37	1.21	1.0	5	7	15	9	w.	U. S. Military Academy.
Windham	Greene	1,520	13	30.3	+ 5.3	51	7	− 7	29	33	2.16	− 0.14	1.08	13.5	5	10	15	6	.....	A. R. Mott.
Pennsylvania.																				
Altoona	Blair	1,181	25	33.4	+ 4.4	56	7	5	28	27	2.94	+ 0.05	1.32	16.0	6	14	5	12	w.	S. A. Gailey.
Bethlehem	Northampton	260	12	38.4	+ 6.0	65	3	15	28	29	4.04	+ 0.56	1.55	3.0	6	12	13	6	w.	Chas. H. Rominger.
Catawissa	Columbia	470	4	34.3	.....	52	7†	6	28	36	3.52	.....	2.20	8.2	6	10	6	15	.....	Wm. G. Yetter.
Clearfield	Clearfield	1,107	5	33.8	.....	62	14	8	28	34	1.52	.....	0.80	11.0	6	9	9	13	sw.	E. W. Hess.
Drifton	Luzerne	1,633	15	30.6	+ 2.2	53	14	0	28	30	2.55	− 0.49	0.65	14.8	10	15	12.	4	w.	Eckley B. Coxe, jr.
Doylestown	Bucks	347	23	.....	.....	.....	.....	.....	.....	.....	3.35	− 0.43	0.95	.....	5	.....	.....	.....	.....	Alfred W. Walton.
Emporium	Cameron	1,050	26	30.3	+ 0.7	54	7	− 1	28†	34	2.84	− 0.57	0.85	13.3	8	9	5	17	w.	T. B. Lloyd.
Ephrata	Lancaster	384	13	36.5	+ 6.3	59	13	11	29	32	3.14	− 0.43	1.27	2.0	7	12	8	11	w.	W. L. Frantz.
Everett	Bedford	1,080	15	35.4	+ 6.0	61	14†	6	28	39	2.38	− 0.88	0.90	6.6	6	10	12	9	nw.	B. L. Steckman.
George School	Bucks	184	6	37.2	.....	58	3	14	28	33	1.97	.....	0.76	0.8	6	15	8	8	w.	N. W. Swayne.
Gettysburg	Adams	600	39	37.2	+ 5.6	63	13	15	28	35	3.48	+ 0.22	1.26	0.2	7	7	14	10	sw.	Col. E. B. Cope.
Gordon	Schuylkill	804	9	33.4	.....	54	13	0	28	44	3.18	.....	1.51	8.0	7	15	3	13	nw.	Capt. J. G. Johnson.
Hamburg	Berks	380	17	33.7	+ 1.1	55	3	11	31	30	1.18	− 2.71	0.68	3.0	4	27	0	4	nw.	W. J. Kalbach.
Hanover	York	600	9	38.0	.....	61	5	19	28	32	3.35	.....	1.10	1.0	7	8	12	11	s.	Miss Mabel Champlin.
Harrisburg	Dauphin	361	25	38.0	+ 5.2	58	13	18	28	28	2.74	+ 0.09	1.06	2.5	6	9	7	15	w.	U. S. Weather Bureau.
Huntingdon	Huntingdon	650	25	35.6	+ 4.0	59	12†	6	28	43	2.80	− 0.46	0.87	3.0	8	11	3	17	w.	Prof. W. J. Swigart.
Hyndman	Bedford	977	6	36.0	.....	60	7†	9	28	36	2.22	.....	0.80	2.0	4	9	14	8	nw.	H. Somers Fischer.
Lancaster	Lancaster	255	20	36.2	.....	58	3	15	28	35	3.19	+ 0.75	1.28	T.	7	14	8	9	w.	F. H. Shaw.
Lawrenceville	Tioga	1,006	15	30.6	+ 3.8	55	7†	− 7	28†	48	1.20	− 1.49	0.60	12.0	4	14	5	12	.....	C. P. Darling.
Le Roy	Bradford	1,400	24	30.8	+ 3.4	51	5	2	28	38	2.93	− 0.25	1.40	15.9	12	9	9	13	sw.	G. W. T. Warburton.

TABLE 1.—*Climatological data for December, 1913. District No. 1*—Continued.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahrenheit. Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Precipitation, in inches. Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, unmelted.	Number of rainy days, 0.01 inch or more.	Sky. Number of clear days.	Number of partly cloudy days.	Number of cloudy days.	Prevailing wind direction.	Observers.
Pennsylvania—Contd.																				
Lewisburg	Union	450	39	33.1	+ 3.5	57	13	− 2	28	40	3.32	+ 0.11	1.76	7.5	5	12	3	16	w.	Prof. W. G. Owens.
Lock Haven	Clinton	560	25	34.2	+ 3.1	55	5†	5	28	30	2.90	− 0.41	1.15	13.0	7	1	14	16	w.	Prof. J. A. Robb.
Marion	Franklin	640	9	37.4	.....	61	5	13	28	33	3.25	.....	1.07	1.0	8	12	5	14	.....	Hon. C. B. Hege.
Mauch Chunk	Carbon	634	24	35.2	+ 4.9	56	6	6	28	36	3.92	− 0.30	1.19	4.2	8	16	3	12	n.	F. C. Wintermute.
Mifflintown	Juniata	445	9	35.7	.....	58	13†	6	28	32	3.03	.....	1.01	4.0	5	14	3	14	w.	Wellington Smith.
Milford	Pike	455	10	31.6	+ 4.4	55	14	− 1	29	34	3.47	− 0.34	1.63	6.5	8	10	16	5	nw.	Mrs. Alla Doughty.
Montrose	Susquehanna	1,658	9	30.2	.....	48	7†	− 2	28	42	1.69	.....	0.50	12.0	5	9	11	11	w.	Silas Jagger.
Muncy Valley	Sullivan	519	2	31.2	.....	53	5	− 1	28	44	3.36	.....	1.14	9.7	5	17	3	11	.....	S. P. Worthington.
Philadelphia	Philadelphia	117	42	40.3	+ 4.6	58	13	23	28	23	2.56	− 0.48	1.16	T.	8	9	12	10	nw.	U. S. Weather Bureau.
Pocono Pines	Monroe	1,662	11	30.4	+ 5.9	50	8	0	28	34	.....	.....	.....	.....	.....	6	11	14	nw.	Carl Majer.
Reading	Berks	280	40	37.8	+ 5.6	56	13	16	28	28	3.44	+ 0.02	1.48	1.3	7	4	10	17	nw.	U. S. Weather Bureau.
Scranton	Lackawanna	805	13	34.7	+ 5.0	52	13	7	28	35	2.16	− 0.45	1.15	4.3	5	5	9	17	s.	Do.
Selinsgrove	Snyder	455	25	34.0[c]	+ 2.7	58	13	5	28	43	3.05	− 0.24	1.44	5.0	5	7	10	14	s.	J. M. Boyer, C. E.
Spring Mount	Montgomery	155	24	.....	.....	.....	.....	.....	.....	.....	2.64	− 0.75	0.78	.....	5	.....	.....	.....	.....	James F. Smith.
State College	Center	1,191	25	33.0	+ 2.9	54	13	3	28	29	2.88	− 0.04	0.97	11.6	7	.....	.....	.....	w.	Prof. Wm. Frear.
Stroudsburg	Monroe	425	3	33.4	.....	52	14†	6	28	32	3.29	.....	1.34	2.0	7	14	10	7	sw.	J. Clyde Le Bar.
Towanda	Bradford	754	18	31.5	+ 2.7	54	5	− 5	28†	50	2.35	− 0.33	1.16	12.9	10	10	6	15	nw.	Hiram E. Bull, C. E.
West Chester	Chester	455	59	37.9	+ 4.6	57	3	17	28	30	2.99	− 0.98	1.26	0.5	10	8	13	10	nw.	J. C. Green, D. D. S.
Williamsport	Lycoming	530	23	35.1	+ 4.8	59	13	8	28	33	3.09	+ 0.12	1.36	8.0	5	13	3	15	nw.	John R. Mundy.
New Jersey.																				
Asbury Park	Monmouth	22	25	39.5	+ 5.0	59	3	17	12	30	1.57	− 2.07	0.63	T.	7	11	6	14	nw.	H. E. Denegar.
Atlantic City	Atlantic	16	40	40.2	+ 3.8	58	3	20	12	30	2.73	− 1.01	1.13	T.	5	14	4	13	nw.	U. S. Weather Bureau.
Bayonne	Hudson	50	23	38.6	+ 5.2	58	3	18	28	28	3.15	− 0.37	1.57	0.2	8	13	8	10	n.	Erskine R. Eadie.
Belvidere	Warren	289	22	36.5	+ 5.7	55	6†	12	28	34	4.26	+ 0.12	1.52	1.5	5	15	8	8	.....	Samuel J. Hixson.
Bergen Point	Hudson	37	16	38.4	+ 5.4	55	7†	19	12	28	3.94	− 0.05	0.96	T.	8	7	16	8	nw.	Wm. H. Mitchell, M. D.
Boonton	Morris	239	23	.....	.....	.....	.....	.....	.....	.....	3.11	− 0.99	1.21	0.3	8	.....	.....	.....	.....	Joseph White.
Bridgeton	Cumberland	30	32	38.8	+ 3.2	60	3	19	28	32	2.25	− 1.62	0.95	T.	6	13	7	11	w.	Henry A. Jorden.
Burlington	Burlington	12	27	37.1	.....	56	3	19	28†	32	2.93	− 0.98	1.06	0.2	7	17	6	8	nw.	D. S. B. McCoy.
Cape May City	Cape May	17	35	41.4	+ 3.4	58	13	22	28	23	2.55	− 1.23	1.10	T.	8	9	12	10	nw.	U. S. Weather Bureau.
Charlottsburg	Passaic	719	21	35.2	+ 4.6	53	2†	7	28†	34	3.56	− 0.83	1.34	0.1	5	15	12	4	nw.	George S. Briggs.
Chatham	Morris	234	11	.....	.....	.....	.....	.....	.....	.....	3.75	+ 0.02	1.55	1.0	7	.....	.....	.....	.....	M. A. Butler.
Clayton	Gloucester	126	20	37.6	+ 3.6	56	7†	19	28	30	2.67	− 1.02	1.00	0	4	22	3	6	nw.	William T. Farley.
Culvers Lake	Sussex	848	12	.....	.....	.....	.....	2	28	.....	3.19	− 0.34	1.30	5.8	8	16	9	6	w.	Brice E. Riker.
Dover	Morris	600	29	36.0	+ 5.9	59	21	12	28	32[a]	3.02	− 1.10	1.19	1.0	7	4	17	10	.....	William C. Harris.
Elizabeth	Union	45	34	38.0	+ 4.5	60	3	16	28	31	3.79	0.00	1.64	1.0	8	14	10	7	nw.	L. B. Bonnett.
Flemington	Hunterdon	140	25	37.8	+ 5.8	57	3†	16	28	31	2.70	− 0.98	0.88	T.	9	12	10	9	nw.	Hiram E. Deats.
Haddonfield	Camden	75	26	38.3	+ 5.0	57	3†	16	28	30	2.27	− 1.38	0.88	0.2	9	11	13	7	nw.	Chas. F. Richardson.
Highwood	Bergen	90	26	36.6	+ 4.2	58	3	14	28†	30	3.32	− 0.84	1.45	0.5	7	13	7	11	nw.	Charles J. Bates.
Imlaystown	Monmouth	185	25	37.2	+ 2.6	58	2	13	28	33	2.42	− 1.15	1.00	1.0	6	12	5	14	sw.	H. E. Bullock.
Indian Mills	Burlington	76	24	37.8	+ 3.8	58	3†	12	28	36	2.44	− 1.65	0.81	0.5	9	11	12	8	nw.	James Armstrong.
Jersey City	Hudson	10	15	39.1	+ 5.1	60	3	19	28	27	3.48	− 0.08	1.60	0.4	8	11	10	10	nw.	Samuel K. Pearson, jr.
Lakewood	Ocean	54	11	39.2	.....	58	3	15	28	34	1.98	.....	0.61	T.	6	8	8	15	nw.	R. W. Holman.
Lambertville	Hunterdon	95	26	40.9	+ 7.6	62	6	18	28	31	2.09	− 1.69	0.70	.....	6	.....	.....	.....	.....	S. W. Cochran.
Layton	Sussex	550	14	32.4	+ 5.0	63	3	− 11	28	40	2.34	− 1.83	1.19	6.0	4	23	4	4	n.	Warren C. Hursh.
Little Falls	Passaic	175	11	.....	.....	.....	.....	.....	.....	.....	3.88	+ 0.04	1.53	0.5	7	.....	.....	.....	.....	A. Sweetman.
Long Branch	Monmouth	25	6	38.1	.....	58	3	17	12	32	4.12	.....	1.56	0.3	7	11	10	10	nw.	William D. Martin, jr.
Mahwah	Bergen	312	11	.....	.....	.....	.....	.....	.....	.....	3.75	.....	1.60	.....	7	.....	.....	.....	.....	Charles L. Barker.
Moorestown	Burlington	75	51	39.3	+ 6.0	63	4	16	28	34	2.28	− 1.30	0.89	T.	7	11	11	9	nw.	George L. Gillingham.
Newark	Essex	159	70	39.2	+ 6.2	58	3	17	28	28	4.59	+ 0.79	2.10	0.7	8	11	9	11	nw.	Prof. Wm. Weiner.
New Brunswick	Middlesex	139	60	35.8	+ 2.7	57	3	16	28	28	3.21	− 0.54	1.98	0.7	6	16	8	7	nw.	Earle C. Stillwell.
Newton	Sussex	678	34	33.1[a]	+ 3.8	53	14	7	28	35	3.41	− 0.29	1.45	4.5	5	11	7	13	sw.	F. Vernon Losee.
Northfield	Atlantic	25	6	.....	.....	.....	.....	.....	.....	.....	2.90	.....	0.99	T.	5	.....	.....	.....	.....	William L. Flick.
Paterson	Passaic	80	42	38.8	+ 5.7	61	3	18	28†	29	3.53	− 0.58	1.28	0.4	8	7	18	6	nw.	Heber A. Probert.
Phillipsburg	Warren	363	23	36.6	+ 5.3	54	3	13	28	30	3.93	+ 0.25	1.32	2.0	10	16	6	9	w.	D. W. Smith.
Plainfield	Union	100	27	37.7	+ 5.8	59	3	17	28	29	3.92	+ 0.03	1.93	0.7	8	7	12	12	nw.	John Neagle.
Pleasantville	Atlantic	26	15	.....	.....	.....	.....	.....	.....	.....	2.81	− 0.86	1.01	T.	4	25	1	5	.....	Lincoln Van Gilder.
Pompton Plains	Morris	195	11	.....	.....	.....	.....	.....	.....	.....	3.53	− 0.21	1.48	T.	7	.....	.....	.....	.....	M. S. Taylor.
Somerville	Somerset	60	30	37.8	+ 5.9	60	5	14	28	32	3.15	− 0.42	1.14	0.5	8	13	7	11	nw.	A. A. Macdonald.
South Orange	Essex	200	43	37.1	+ 5.1	56	3	17	28	26	3.89	+ 0.06	1.82	1.0	7	18	4	9	w.	Dr. Wm. J. Chandler.
Sussex	Sussex	442	23	34.4	+ 4.6	56	14	6	28†	35	2.46	− 1.28	.....	3.5	7	11	6	14	nw.	George Dymock.
Trenton	Mercer	190	42	38.3	+ 2.1	57	3	19	28	28	2.44	− 1.11	1.26	0.5	7	13	8	10	nw.	U. S. Weather Bureau.
Tuckerton	Ocean	23	20	37.8	+ 3.3	58	14	12	28	33	2.99	− 1.29	1.45	0.2	7	16	8	7	nw.	Frank R. Austin.
Vineland	Cumberland	118	44	38.4	+ 4.0	58	2	17	28	30	1.47	− 2.37	1.01	0.2	6	16	10	5	nw.	Alfred Chalmers.
Woodbine	Cape May	43	22	38.8[b]	+ 3.8	59	3	16	28	33[b]	1.69	− 2.21	.....	0	7	22	2	7	w.	Prof. R. D. Maltby.
West Virginia.																				
Bayard	Grant	2,500	11	34.2[a]	+ 5.0	61	6	3	28	32[a]	2.64	− 1.54	0.85	6.0	10	11[a]	4[a]	15[a]	w.	Solomon Clark.
Burlington	Mineral	875	19	36.0	+ 3.4	60	5	14	20†	35	3.25	+ 0.62	1.80	3.5	4	10	14	7	nw.	J. W. Vandiver.
Franklin	Pendleton	.....	7	34.0[a]	.....	54	5	8	27[a]	34[a]	.....	.....	.....	.....	.....	17[a]	7[a]	6[a]	.....	Miss Evelyn Calhoun.
Lost City	Hardy	.....	7	36.0	.....	56	6	12	28	29	2.62	.....	0.80	6.0	6	13	5	13	w.	B. D. Hinegardner.
Martinsburg	Berkeley	435	21	37.8	+ 4.9	63	5	20	20†	38	3.05	+ 0.40	1.15	1.0	6	15[a]	9[a]	6[a]	nw.	G. W. Van Metre, C. E.
Moorefield	Hardy	900	18	37.4	+ 4.1	68	7	16	27†	32	2.59	+ 0.33	1.11	3.0	4	9	12	10	nw.	John C. Fisher.
Romney	Hampshire	824	17	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	E. F. Staub.
Upper Tract	Pendleton	1,230	15	37.6	+ 3.5	64	5	9	27	38	1.35	− 0.95	0.50	4.0	5	4	18	9	w.	J. M. Mallow.
Maryland.																				
Annapolis	Anne Arundel	45	41	43.0	+ 6.0	70	6†	24	11	34	2.00	− 1.79	0.95	0	7	10	6	15	nw.	U. S. Naval Academy
Baltimore	Baltimore	115	43	41.4	+ 4.5	63	5	25	8	29	2.58	− 0.50	1.42	T.	5	9	8	14	nw.	U. S. Weather Bureau.
Cambridge	Dorchester	25	15	42.8	+ 5.0	64	13	25	10	29	2.40	− 1.50	0.71	0	7	12	9	10	nw.	T. E. Keenan.
Cheltenham	Prince Georges	230	13	39.8	+ 5.4	64	13	19	10†	37	1.69	− 2.34	0.80	0	5	14	5	12	nw.	George Hartnell.
Chestertown	Kent	80	27	41.2	+ 5.9	61	5	22	28	32	2.10	− 1.36	0.83	T.	4	6	7	8	nw.	M. W. Thomas.
Chewsville	Washington	530	16	37.5	+ 5.7	61	13	14	28	34	2.90	+ 0.09	0.88	1.5	5	7	18	6	nw.	D. Paul Oswald.
Clear Spring	....do	650	15	36.4	+ 5.4	62	14	17	28	31	2.89	− 0.84	0.98	1.5	8	14	11	6	w.	W. W. Frantz.
Coleman	Kent	80	13	39.6	+ 4.4	60	5†	21	28	32	2.23	− 2.22	1.27	0	4	18	3	10	nw.	J. S. Harris.
College Park	Prince Georges	170	22	38.2	+ 2.6	66	13	17	20	41	2.31	− 0.67	1.31	0	6	14	7	10	nw.	Prof. H. J. Patterson.
Cumberland	Allegany	623	39	38.4	.....	63	14	15	28	38	2.45	0.00	0.99	T.	6	11	4	16	w.	Francis E. Harrington.
Darlington	Harford	300	22	37.0	+ 3.4	59	13	14	28	35	2.76	− 1.12	0.90	T.	6	12	10	9	nw.	Prof. A. F. Galbreath.
Denton	Caroline	42	18	38.8	+ 3.6	60	5	18	28	33	2.85	− 0.18	0.74	T.	8	20	4	7	w.	H. B. Mason.
Easton	Talbot	35	22	40.3	+ 3.8	61	5†	21	28	34	2.23	− 0.87	1.16	0	7	15	4	12	nw.	Henry Shreve.
Emmitsburg	Frederick	720	41	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	James J. White.
Fallston	Harford	450	43	38.5	+ 4.8	60	3†	18	28	31	2.90	− 0.82	1.61	T.	8	2	22	7	nw.	J. H. Curtiss.

TABLE 1.—*Climatological data for December, 1913. District No. 1*—Continued.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahrenheit.							Precipitation, in inches.				Number of rainy days, 0.01 inch or more.	Sky.			Prevailing wind direction.	Observers.
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, unmelted.		Number of clear days.	Number of partly cloudy days.	Number of cloudy days.		
***Maryland*—Continued.**																				
Frederick	Frederick	275	38	39.2	+ 4.4	62	13	20	20†	29	3.11	+ 0.03	1.11	T.	7	17	1	13	ne.	Chas. S. Birely.
Frostburg	Allegany	1,929	6	35.8	.....	72	7	11	28	33	1.88	.....	0.70	5.0	11	8	14	9	se.	R. A. Walter.
Great Falls	Montgomery	200	23	38.8	+ 4.7	63	5	18	28	36	2.75	− 0.35	1.58	0	4	17	6	8	ne.	Chas. E. Sullivan.
Green Spring Furnace	Washington	450	21	38.8[a]	+ 4.6	61[a]	13	17[a]	20	34[a]	2.64	− 0.23	0.93	1.0	6	10	5	16	nw.	E. G. Kinsell.
Keedysville	....do	400	9	37.4	.....	62	13	17	28	35	3.27	.....	0.89	0.5	7	14	9	8	nw.	J. A. Miller.
Lake Montebello	Baltimore	200	4	39.2	.....	61	5†	20	27	33	2.17	.....	0.79	T.	5	16	5	10	nw.	Martin L. Dobler.
Laurel	Prince Georges	150	19	37.1	+ 2.9	62	5	15	20	41	2.90	− 0.80	1.75	0	6	13	11	7	.....	Dr. T. M. Baldwin.
Leonardtown	St. Marys	100	3	40.4	.....	65	5	20	10	32	1.61	.....	0.87	T.	4	17	6	8	n.	Brother Fidilis.
Monrovia	Frederick	630	28	38.0	+ 4.2	59	13	19	28	29	2.57	− 0.50	0.78	T.	7	15	6	10	nw.	J. H. Lawson.
Pocomoke City	Worcester	37	20	42.3	+ 1.6	61	5	23	28	28	1.82	− 1.60	1.04	T.	6	16[a]	6[a]	8[a]	sw.	Hon. R. M. Stevenson.
Princess Anne	Somerset	17	20	40.4	+ 3.4	62	5	20	10†	33	2.06	− 1.04	0.94	0	5	14	6	11	nw.	J. R. Stewart.
Rockville	Montgomery	421	6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Dr. G. E. Lewis.
Salisbury	Wicomico	23	8	41.8	.....	65	13	19	10†	36	2.15	.....	0.91	T.	8	15	9	7	nw.	W. E. Downing.
Solomons	Calvert	20	22	41.8	+ 3.6	62	5	27	8	27	1.43	− 1.39	0.72	T.	6	12	5	14	nw.	Dr. W. H. Marsh.
State Sanatorium	Frederick	1,460	6	38.2	.....	58	17	9	9	31	2.74	.....	1.01	T	4	24	1	6	nw.	Superintendent.
Sudlersville	Queen Annes	65	15	39.2	+ 3.7	60	3†	20	28	32	2.82	− 1.25	1.04	T.	9	10	11	10	w.	Henry L. Higman.
Takoma Park	Montgomery	320	15	39.1	+ 5.9	65	13	23	28†	39	2.08	− 2.14	1.10	0	5	5	16	10	.....	L. M. Mocers.
Towson	Baltimore	465	5	38.5	.....	60	5†	18	28	32	2.61	.....	1.00	T.	5	13	7	11	nw.	C. W. E. Treadwell.
Van Bibber	Harford	100	16	37.6[a]	+ 4.0	63	3	18	20	34	2.62	− 1.46	0.81	0	5	12[a]	13[a]	5[a]	.....	W. Benj. Ford.
Westernport	Allegany	1,000	19	39.3	+ 7.7	70	7	15	28	35	2.40	+ 0.11	0.90	0.2	6	.....	.....	.....	.....	Prof. O. H. Bruce.
Westminster	Carroll	860	20	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Prof. Morelock.
Woodstock	Baltimore	392	43	39.6	+ 5.8	60	3†	20	20	31	2.51	− 0.51	1.09	0	6	11	6	14	w.	Rev. Dawson, S. J.
Delaware.																				
Delaware City	New Castle	10	6	38.9	.....	58	13	21	28	31	2.04	− 1.27	0.67	T.	4	18	6	7	nw.	H Morton Price.
Dover	Kent	40	25	40.2	+ 3.9	60	3†	21	28	31	1.60	− 1.72	1.00	T.	3	16	6	9	w.	W. C. Joesting.
Milford	....do	20	29	40.5	+ 2.9	60	13†	22	27	32	3.36	− 0.28	1.14	T.	9	16	7	8	w.	Chas. Holzmueller.
Millsboro	Sussex	20	21	41.9	+ 5.6	67	13	21	10†	35	2.32	− 1.70	0.80	0	5	20	0	11	nw.	Rev. L. W. Wells.
Seaford	....do	40	22	40.4[a]	+ 3.8	61	13	18	28	33	2.44	− 0.95	1.20	T.	7	14[a]	9[a]	7[a]	nw.	E. B. Brown.
Wilmington	New Castle	86	2	40.6	.....	59	3	23	28	30	2.53	− 1.19	0.87	0	5	19	8	4	nw.	Alexander J. Taylor.
District of Columbia.																				
Washington	D. C.	112	43	40.4	+ 4.3	66	13	24	28	33	2.29	− 0.87	1.31	T.	6	9	9	13	nw.	U. S. Weather Bureau.
Virginia.																				
Culpeper	Culpeper	450	5	37.4	.....	60	13	18	10†	35	3.39	.....	1.15	0	5	12	13	6	s.	Col. H. C. Burrows.
Dale Enterprise	Rockingham	1,350	34	38.8	+ 3.9	66	5	14	9	39	2.15	− 0.53	0.76	2.0	6	10	13	8	w.	Rev. L. J. Heatwole.
Eastville	Northampton	15	3	43.9	+ 2.3	66	5	23	10†	33	1.36	− 2.07	0.45	0	5	15	6	10	nw.	T. B. Robertson.
Fredericksburg	Spotsylvania	100	24	41.0	+ 4.6	70	5	18	12	43	2.34	− 1.10	1.06	0	5	15	8	8	ne.	S. G. Howison.
Lincoln	Loudoun	500	12	39.0	+ 7.2	64	6†	17	20	35	1.56	− 1.79	0.67	T.	5	14	8	9	nw.	Dr. Geo. Roberts.
Mount Weather	....do	1,726	9	35.9	+ 4.4	58	5	17	8	25	1.73	− 1.36	0.75	0.5	5	8	10	13	nw.	U. S. Weather Bureau.
Quantico	Prince William	16	16	37.3	+ 3.0	66	5	17	10	40	2.58	.....	1.38	T.	4	19	5	7	ne.	Richmond, Fredericksburg & Potomac Railroad.
Staunton	Augusta	1,380	21	40.0	+ 2.7	66	5	17	9	32	2.39	− 0.13	1.30	1.0	5	13	7	11	.....	Ernest Nothnagel.
Swetnam	Fairfax	300	1	.....	.....	.....	.....	.....	.....	.....	2.68	.....	1.00	0	5	21	5	5	nw.	Potomac Electric Power Co.
Wachapreague	Accomac	15	1	.....	.....	.....	.....	24	10†	.....	1.60	.....	1.20	0	2	.....	.....	.....	.....	Mrs. A. H. G. Mears.
Warsaw	Richmond	160	21	42.4[a]	+ 4.9	68	5	20	13	38	3.20	+ 0.48	1.50	T.	5	8	14	9	.....	C. H. Constable.
Waynesboro	Augusta	1,315	1	40.4	.....	64	5	20	8	28	.....	.....	.....	.....	.....	26	0	5	w.	H. M. Magle.
Winchester	Frederick	717	2	39.6	.....	63	5†	21	8†	35	1.13	.....	1.13	T.	2	18	7	6	w.	Bamtley Kern.
Woodstock	Shenandoah	927	17	39.0	+ 5.1	71	5	20	10†	38	1.45	− 0.89	0.45	0.5	5	11	12	8	w.	Mrs. A. G. Artz.

[a], [b], [c], etc., indicate respectively 1, 2, 3, etc., days missing from the record.
** Temperature extremes are from observed readings of the dry bulb; means are computed from observed readings.
† Also on other dates
T. Precipitation is less than 0.01 inch rain or melted snow.

TABLE 2.—*Daily precipitation for December, 1913. District No. 1, North Atlantic States.*

Stations.	Watershed.	Day of month. 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.
Maine.																																	
Ashland	St. John																																
Bar Harbor	Coast	T.						1.80	.95		.30			T.			T.	T.	T.		T.				1.30		.35						4.70
Cambridge	Kennebec			.15				.66	1.00		T.														.80		.30						2.91
Corniish	Saco	.04	T.	.01				1.51	.35															.40	.75		.70						3.76
Danforth	Penobscot		.07					*	1.27																	*	1.37						2.71
Eastport	Coast	.08	.02	.27		.01		1.36	.26		.04	.02					.05	.06				.10			.20	.04	.50	.09		.04			3.14
Eustis	Kennebec	.09	T.	.03	T.	T.	.02	.03	.72	T.	T.	T.	T.			T.	T.	.02	T.	T.					.77		.81	T.			T.	.03	2.52
Fairfield	do							1.18																	.83		1.00						3.01
Farmington	do	T.	T.			T.		.35	1.02		.02				T.			.01							1.04		.58						3.02
Gardiner	do	.08		.16				.55	1.73																1.05		.58	.02					4.17
Greenville	do	.05		.10	T.	.05		.78	1.12		T.	T.			T.		.05		T.		T.			.30	.85		.80				T.	T.	4.10
Houlton	St. John			.05					1.10																.90		.60				.05		2.70
Howe Brook	Penobscot			.24		.16		.40	.50					.40						.50			.30								.25		2.75
Lewiston	Androscoggin	T.		.05				1.17	.99			.05													1.25		.92						4.43
Madison	Kennebec			.05				1.50	.30															.90		.31	.95						4.01
Millinocket	Penobscot		.19	.05	T.			1.25	.64		T.						.03			T.	T.				.75	.33	.07	.70			.02		4.03
North Bridgton	Saco		.08					.31	1.16																1.11		.30						2.96
Oquossoc	Androscoggin		T.					.60	.40																.50		.45				T.		1.95
Orono	Penobscot	.40		.37					1.10																.60		.40						2.87
Patten	do			.10					.64			.20													.80		.40						2.14
Pemaquid	Coast																																
Portland	do	.01		.05				1.39	.46		.01	T.										.01		.25	1.16	.05	.90						4.29
Presque Isle	St. John	.80		.10				.20	.54	.06	.06				T.		.10	.02	.08	.03					.90		.60				.10		3.59
Rumford Falls	Androscoggin	T.	.05	.03				.72	.24		T.				T.		T.							.36	.75		.50						2.65
The Forks	Kennebec																																
Van Buren	St. John	.08		.22	T.	T.		*	*	2.20		T.						.08	T.	T.	T.				.60		*	.65			.04		3.87
Winslow	Kennebec		*	.12				*	1.86		.05														.77		.35						3.15
New Hampshire.																																	
Alstead Center	Connecticut	.02	T.					.62	.33			T.							T.					T.	.57		.54						2.08
Benton	do																																
Bethlehem	do	.06		.08				.19	.83		.08														.34		.24					.04	1.86
Brookline	Merrimack							1.00	T.										T.					1.18		.50	.20						2.88
Concord	do	.01						1.03	.07		T.	T.			T.						T.			.40	.12	.10	.35						2.08
Durham	do							.65	.30		.01													.45			.50						1.91
Franklin	do							.95	.43			T.				T.								.05	1.00		.75	T.					3.18
Grafton	do							.60	.80															*	.63		.70						2.73
Hanover	Connecticut	.04		.03				.46	1.52			.05			.05			T.				T.		.13	.50		.72				T.	T.	3.50
Keene	do		T.					.86	.54			.01							T.					T.	.67		.59						2.67
Nashua	Merrimack	T.		T.				.62	.26			T.												T.	1.28		.80	T.					2.96
Newton	do	T.		.03				.99	.17		.01													1.32			.91						3.43
Plymouth	do	.05		T.				.93	.60	T.	T.					T.		T.		T.				T.	.69		.64				T.	T.	2.91
Vermont.																																	
Bloomfield	Connecticut	.05		.14		.06	.05	.31	.57					.02				.01							.42		.22				.06		1.91
Cavendish	do																																
Chelsea	do	.06						.65	.70						.02									.28	.35		.45						2.51
Manchester	Hudson			.11	T.			.79	.53			.11													.13		.59						2.26
Somerset	Connecticut				.07			.93	.58		.01	.03				T.			.08			T.		.12	.69		.76	T.			T.	T.	3.27
St. Johnsbury	do	.28		.07		.02		.18	.56		T.	.04				T.	T.		T.						.92		.68				.01	.02	2.78
Vernon	do							.94	.62																.40	.38	.18						2.52
Woodstock	do								1.44										T.					1.01			.96						3.41
Massachusetts.																																	
Amherst	Connecticut	.02						1.11	.12		.04	.04							T.					.82	.50	.33	.40						3.38
Ashland	Merrimack							1.12	.01																1.04		.97						3.14
Bakers Bridge	do							.46		.52															.78		.90						2.66
Bedford	do	T.	T.	T.				.48	.12															.02	.66		.95						2.23
Blue Hill	Coast	.01	T.	.01				.96	.29			.01							T.				T.	.01	1.00	.03	1.34						3.66
Boston	do	T.		T.				.89	.30			T.							T.					.36	.50	.15	.85						3.05
Chestnut Hill	do			T.				1.20	.05			T.											T.	.98		.87	.23						3.33
Clinton	Merrimack							1.25	.04										T.						1.12		1.09						3.50
Concord	do	.04		T.				.72	.28			T.												.04	.79	T.	.95						2.82
Fall River	Coast	.02						1.75	.18												.02			.69	.43	.30	.69						4.08
Fitchburg	Merrimack							.98	.10			T.							T.					.15	.58	T.	.63	T.					2.44
Framingham	do							*	1.18																1.02		.95						3.15
Haverhill	do	T.		.01				.60	.50			.02												T.	1.05		1.62	.02					3.82
Hingham	Coast	T.		T.		T.		1.24	.02			T.													1.14	1.26							3.66
Hyannis	do	.04		.10				*	1.32													.12			.94		.80	.06					3.38
Jefferson	Merrimack							1.05		*	.06														1.03		.99						3.13
Lake Cochituate	do							1.02	.02																1.03		.98						3.05
Lawrence	do			T.				1.25	.07			.03												*	1.07	*	.96						3.38
Leominster	do	T.						1.12	.06		T.													.30	.93	T.	.97						3.38
Lowell	do			.03				*	1.36	.03														*	1.18		.99						3.59
Middleboro	Coast	T.		T.				1.64	.09												.01			.70	.38	.41	.41						3.64
Nantucket	do			.07				1.18	.01										.03			.04		.28	.54	.70	.36						3.21
New Bedford	do																																
Norfolk	do							*	1.25																1.06		1.01						3.32
Plymouth	do			.08				*	1.65	.03											.06			*	1.38		1.27						4.47
Princeton	Merrimack							*	1.20																.75		.44						2.39
Provincetown	Coast			T.			T.	.42	.70																.95		.74	.08					2.89
Rockport	do	.05		.05				.43	.80																.95		.95	.10					3.33
Rutland*	Connecticut							.06	1.07	.04	.02	T.	T.							T.				1.04									2.23
Somerset	Coast			T.				1.43				T.									.09		T.	.87			1.06						3.45
Spot Pond	do		.01					1.04	.02		.01												1.14			*	.88						3.10
Springfield	Connecticut	T.					.04	.90	T.		T.	T.										.10		.90		.65	.18						2.77
Sterling	Merrimack							*	.84															*	.84		.58						2.26
Taunton	Coast																																
Turners Falls	Connecticut							.85	.32			.04													.13	.86							2.20
Westboro	Merrimack							*	1.00																1.00		.30						2.30
Williamstown	Hudson																																
Winchendon	Connecticut			T.				.78	.67			T.							T.					.18	.81	.12	.68						3.21
Worcester	Coast	T.		T.				.62	.39		T.								T.				T.	.06	.18	T.	.82						2.07

TABLE 2.—*Daily precipitation for December, 1913. District No. 1*—Continued.

Stations.	Watershed.	Day of month. 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.
Rhode Island.																																	
Block Island	Coast	.01						1.41	.01													.01	.21	.50	.25	.54	.56						3.50
Bristol	do							*	1.66													.03	T.	*	1.25	*	1.04						3.98
Greene	do							*	1.60														.17		1.03		.83						3.63
Hope Valley	do	T.						1.96	.47														.11		1.90	T.	.74						5.18
Kingston	do	.02						2.52													.05		.09	.34	1.55	.14	.93						5.64
Narragansett Pier	do	.02		T.				1.55	.26													.06	.16	.23	1.19	.04	1.01	T.					4.52
Pawtucket	do							*	1.65										T.				.04	*	1.34	*	.86						3.89
Providence	do	T.		T.				1.55	.03												T.		.02	.68	.52	.08	.58						3.46
Wallum Lake	do							.10	T.			T.												1.05		.44	.05	.02	.02	T.	T.	T.	1.68
Connecticut.																																	
Bridgeport	Coast	T.						1.27	.07		.01								T.				.18	.37	1.38	.27	.48						4.03
Canton	Connecticut							.92															.40	*	.95	*	.65						2.92
Colchester	Coast							1.10	.62		T.												.18	*	1.42	*	.99	.02					4.33
Cream Hill	Housatonic	.01						.95	.30			.06							T.					.41			.30						2.03
Danielson	Coast								1.35			T.												1.10			.85						3.30
Falls Village	Housatonic							1.43	.02		.02	.01											.16	.34		.36	.20						2.54
Hartford	Connecticut	T.						.85	.10		T.	T.										T.	.56	.92	.11	.15	.90						3.59
Hawleyville	Housatonic							.67															.44	.21	1.12		.58						3.02
Lake Konomoc	Coast								1.60														.19		1.75		1.00						4.54
New Haven	do	T.						1.53	.06		.02	T.							T.				.21	1.45	.08	.35	.58						4.28
New London	do							1.10	.30												T.			.15	.95	.02	.51						3.03
North Grosvenor Dale.	do							1.55				.03								.62					.92		.82						3.34
Norwalk	do							*	1.05		.02												.21	1.33		*	.82						3.43
Southington	do							.60	.40														.40	T.	1.40		.75	T.					3.55
South Manchester	Connecticut																																
Storrs	Coast	.04						2.00	.04														.20		.90		T.						3.18
Torrington	Housatonic																																
Voluntown	Coast							*	1.55														.15		1.30		.94						3.94
Wallingford	do						.05	1.22			T.											.19		1.46		.73	.07						3.72
Waterbury	Housatonic	T.						*	.90		T.	T.							T.				.38	*	.97		.59						2.84
New York.																																	
Addison	Susqu'hanna		T.	.01				.16	.08		T.	.08							T.			.08	.02	.55	.19		.88				T.		2.05
Albany	Hudson		T.	T.				.20	.06		.12	.03							T.			T.	.01	.27	.05	.14	.72				T.		1.60
Alfred	Susqu'hanna			.01				.30	.05		T.	.12							T.	T.		.07	.03	.60	.02	.05	.62						1.87
Amsterdam	Mohawk							.48				.15												.70			.63						1.96
Athens	Hudson							.45	.05			T.							.01					.03	.44		.99						1.97
Bainbridge ‖	Susqu'hanna							.29	.35			.11								.09			.04	.16		.40	.13						1.57
Ballston Lake	Hudson			T.	T.	T.		.54	.10		T.	.10							.02					*	.63		1.04	T.			T.	T.	2.43
Bedford	Coast	T.						.96				1.00												.83	.60	.52	.41						4.32
Beerston	Delaware			.03				.75	.18		T.								.09					.15	.22		.30						1.72
Binghamton	Susqu'hanna			T.				.22	.10		.05	T.							T.			.09		.54	T.	.15	.48				T.		1.63
Bouckville	do			.06				.21	.10			.30								T.				.10	.39		1.30						2.46
Carmel	Hudson							.75			.04											.14		.68			1.09						2.70
Chatham	do		T.					.17	.32		T.	.14												.25	.40	T.	.88						2.16
Cooperstown	Susqu'hanna		.03					.73	.19															.40		.05	.95				.02		2.37
Corinth	Hudson							.87	.70			.05												.98			.45						3.05
Cortland	Susqu'hanna			.02	.05				.62		.01	.14							.05	.01			.10	.39	.46		.74	T.			T.		2.59
Cutchogue	Coast							1.08	.25		T.												.10	.20	.90	.24	.74						3.51
De Ruyter	Susqu'hanna				.18			.55	.21		.05	.05							.05	T.				.40	.17		1.18						2.84
Elmira	do		T.					.21	T.		.06	T.												.76			.79						1.82
Glens Falls	Hudson							1.04	.38			.08							T.					.43	.50	T.	.82					T.	3.25
Gloversville	Mohawk				T.			.68	.23		.04	.07												.24	.70		.75				T.		2.71
Greenfield Center	Hudson							1.10	.40			.20												.50			.75						2.95
Hancock ‖	do								.70	.02		T.													.52		.50						1.74
Haskinville	Susqu'hanna							.12	T.	.10									T.				.07	.15			.30						0.74
Hoosick Falls ‖	Hudson			.02				.21	.20	.35															.07		.12						0.97
Indian Lake	do	.05						.50	.40															.10	.45		.80						2.30
Jeffersonville	Delaware							.87	T.		.07									T.				.12	.30		1.08						2.44
Liberty	do			.20					.30	T.									.04					.15	T.	.28							0.97
Little Falls	Mohawk				.09			.35	.38		.08													.03			.36				T.		1.29
Mechanicsville ‖	Hudson						T.	.60																.49		.45	T.						1.54
Mohonk Lake	do							1.04														.23			.76		1.13						3.16
Morehouseville	Mohawk			.05	.07			1.08	.40			.30					.02	.05	.12					.45	.12		.11				.10		2.87
Morrisville	Susqu'hanna								.19			.10														1.60							1.89
Mount Hope	Coast							1.72	.77															.36	1.11	.44	.88						5.28
Mount McGregor	Hudson																																
Newark Valley	Susqu'hanna							.44	.18	.10	T.								.01			.03		.75		.11	.82	.03					2.47
New Berlin ‖	do			.06						.65	.15																.80	.20					1.86
New Lisbon	do							.33	.18										T.					.37	.08		1.37						2.33
New York City	Coast	T.						.34	.03		.03											T.	.07	1.08	.01	.32	.52						2.40
North Creek	Hudson							.70	.15															*	.74	*	.40						1.99
Northville	do						.98																	.80			.65						2.43
Oneonta	Susqu'hanna					.03		.53	.25		.01								T.					.27	.01		.68						1.78
Oxford	do				T.	T.		.45	.20	T.	T.	T.			T.				T.	T.				.30	.55	T.	.58	T.			T.		2.08
Oyster Bay	Coast								.48														.02		1.14		.90						2.54
Port Jervis	Delaware							.48	.31		.11								T.				.13	.90	.26	.50	.88						3.57
Rosslyn	Coast	.02						1.15	.31			.02											.10	.22	.84	.10	.94					.44	3.70
Salisbury	Mohawk				.21			.71	.17		.04							.06				.04		.11			.60				.04		1.98
Scarsdale	Coast							1.00			T.	.05											.35	.20	.30	.20	.40						2.50
Setauket	do	T.						1.10	.12		T.	.03										T.	.15	.45	1.20	.35	.85						4.25
Sharon Springs	Mohawk					.02		.38	.12			.06							T.					.42	.21		1.25						2.46
Sherburne ‖	Susqu'hanna			T.				.25	.30	.08		T.											T.		.27		1.14	.15					2.19
Southampton	Coast	.02		T.				.79	.85			T.							T.				.06	T.	1.03	T.	.88						3.63
South Edmeston	Susqu'hanna				.37			.34	.07		T.													.22	.41		.75						2.16
Spier Falls	Hudson						.42	1.01	T.		.02								T.					1.11		.90	.03					T.	3.49
Trenton Falls ‖	Mohawk			T.		T.		.45	.70	.02		.24	T.				.05		.02			.01		.60		T.	.60	.23					2.92
Tribeshill ‖	do							.90	.40		.10	.10												.50			.60						2.60
Utica ‖	do							.20	.45	.12			.33									.02	.05		.60		1.15						2.92
Wading River	Coast							1.22	.32		T.	.02									.02			.02	1.69	.03	1.14						4.46
Wappinger Falls	Hudson							.72	.12		T.	.10							T.			T.		.28		.24	1.26						2.72
Warwick	do							.38	.05														.24	.58		.20	.90						2.35
Waverly	Susqu'hanna							.20	.05		.02	.06							T.			.03	T.	.40	.28		.95	T.					1.99
West Berne	Mohawk				T.			.07	.20															.20	.10		.80						1.37
West Point	Hudson							.37	T.		T.	T.										1.21		1.04	T.	1.18	.09						3.89
Windham	Mohawk				T.	.02		.41	.15		T.								T.						.50	T.	1.08					T.	2.16

TABLE 2.—*Daily precipitation for December, 1913. District No. 1*—Continued.

Stations.	Watershed.	Day of month. 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.
Pennsylvania.																																	
Allentown ‖	Lehigh							.36	.40		.04											.25			1.30	1.70	.02						4.07
Altoona	Susq'h'na	.12	.06					.79														.02		.63			1.32						2.94
Ansonia ‖	do							.26	T.	T.		.22	T.						T.	T.			.02		.71		.41						1.62
Austin	do			.10				.70	.05													.15		.98			.20						2.18
Bethlehem	Lehigh							.63			.24												.32	1.20		.10	1.55						4.04
Bloserville	Susq'h'na	.06						1.14	T.		T.	.02							T.			.21		.87		.32	.83						3.45
Browers Lock	Schuylkill								.48							T.							.04			.48	1.40						2.40
Catawissa	Susq'h'na	T.						.84			.13							.01				T.		.34		1.00	1.20						3.52
Center Hall	do	T.						.25	T.		T.													.65		.10	.50						1.50
Clearfield	do							.80	T.		.01											.01		.30		.10	.30						1.52
Coatesville	Coast	.02						.52	.01		.03	.05											.02	.84		.72	.82						3.03
Doylestown	Schuylkill							.75				.15												.95		.83	.67						3.35
Drifton	Susq'h'na							.60	.25		.07	.06							.02				.02	.25	.50	.13	.65						2.55
Emporium	do	T.	T.					.70			.03	.15							.10			.21		.80		.40	.45						2.84
Ephrata	do	.02						.87	.09		T.	T.												.60	.22	.06	1.27						3.14
Everett	Juniata	.20	.09					.90	.10			.05										.09		.40		.55							2.38
Forks of Neshaminy	Delaware							.44																1.45		.71							2.60
George School	do							.52				.08												.06	.76	.09	.46						1.97
Gettysburg	Potomac	.09		T.				1.26	T.														.33	.91	.02	.17	.70						3.48
Girardville	Susq'h'na	T.	T.					1.26	T.		.12	T.							T.			.07		1.02		1.02	.54						4.03
Gordon	do	.01						1.05	.11			.06													.24	.20	1.51						3.18
Hamburg	Schuylkill	.18						.68																	.17	.15							1.18
Hanover	Susq'h'na	.03						1.10															.31	.85	.05	.25	.76						3.35
Harrisburg	do	.04						1.06	T.		T.	T.							T.			.21		.57		.57	.29						2.74
Huntingdon	Huntingdon	.04	.02					.87															.07	.82	.07	.08	.83						2.80
Hyndman	Potomac	.15						.80	T.		T.	T.							T.			T.		.67		.60							2.22
Lancaster	Susq'h'na	T.	T.					.65	.06														.24	.35	.38	.23	1.28						3.19
Lansdale	Schuylkill							.27																.63		.21							1.11
Lawrenceville	Susq'h'na							.60	T.		T.								T.			T.		.15	.15		.30						1.20
Le Roy	do			.02				.17	.12		.02	.12							.01			.05	.10	.65	.25	.02	1.40						2.93
Lewisburg	do	.02						.80	T.		.02								T.					.72			1.76						3.32
Lloyd	do	T.						.84	.01		T.	T.							.01			.25		.10			.70						1.91
Lock Haven	do	T.	.03					.75	.11		T.	.05							T.			.08		.73		T.	1.15						2.90
Marion	Potomac	.10	.06					1.07	.16														.12	.83	.07	.19	.72						3.25
Mauch Chunk	Lehigh							1.06	.09		T.	.08										.08		.81	.10	.51	1.19						3.92
Mifflintown	Juniata	.05	T.					.98			T.													.80		.19	1.01						3.03
Milford	Delaware							.65	.05		.05								T.				.11	.15	.83	.05	1.58						3.47
Montrose	Susq'h'na							.50	.04			T.								T.		T.		.40	.25		.50						1.69
Mountain House	Juniata	.18						.72														.10		.72			1.10						2.82
Mount Gretna	Susq'h'na	.04	T.					1.09	.02		.01	T.											.27	.63	.40	.46	1.34		T.			T.	4.26
Muncy Valley	do							1.11			.15													.96		T.	1.14						3.36
Ottsville	Delaware							.63				.07											.05	1.27	.10	.75	.24						3.11
Philadelphia	do	.02	.01					.45			.01										T.	.15		1.16		.53	.23		T.				2.56
Point Pleasant	do							.52			.07													1.20	.14	.56	.28						2.77
Pottsville	Schuylkill	.01						1.12			.04											.10		.88		.70	.75						3.60
Reading	do	.01						.85	T.		.01	T.							T.			.22	T.	.87		.93	.55						3.44
Renovo ‖	Susq'h'na							.36	.25	T.		.12										T.	T.		1.20		1.27						3.20
Scranton	do			T.				.69	T.		.10	T.							T.	T.		T.		.22		.53	.62		T.				2.16
Seisholtsville	Schuylkill							.94	.12		.07											.26		1.22		.78	1.10						4.49
Selinsgrove	Susq'h'na		.05					.79			T.	.02												.32	.43		1.44						3.05
Shawmont	Schuylkill	.05	.02					.60			.05												.12	1.92		.50	.42						3.68
Shippensburg ‖	Susq'h'na	.31	.31	.07				.90	.30														.12		.71		.93						3.65
Smiths Corner	Schuylkill							.58																1.31	.13	.50	.33						2.85
Spring Mount	do							.53															.01	.78		.61	.71						2.64
State College	Susq'h'na	.01	.07	T.				.97	T.		.01	T.							T.		T.	T.		.87		.45	.50						2.88
Stroudsburg	Delaware							.66	T.		.02								T.				.12	.63	.71	.18	.97						3.29
Sunbury	Susq'h'na	.03	.01					.60	T.		T.								T.					.45	.19	T.	1.41						2.74
Towanda	do			T.				.05	.05		.03	.12							T.			.04	.01	.75	.14	.02	1.14						2.35
Weikert	do	.12						.72											.02					.94		.30	1.00						3.10
West Chester	Coast	.01						.47	.11		.02	.02											.06	1.03	.01	.63	.63						2.99
Wilkes-Barre ‖	Susq'h'na							.35	.30			.01													.30		1.12	.08					2.16
Williamsport ‖	do							.69	.12			.02													.90		1.36						3.09
New Jersey.																																	
Asbury Park	Coast	T.						.63			.01								T.		T.		.08	.43	.01	.20	.21						1.57
Atlantic City	do	T.	T.					.67			T.								T.		T.	T.	.07	.86		1.02	.11						2.73
Bayonne	do	T.						.57	.05		T.	.01											.09	1.48	.01	.19	.75						3.15
Belvidere	Delaware							1.08				.08												1.52		*	1.58						4.26
Bergen Point	Coast							.95	.03			.05											.08	.96	.70	.37	.80						3.94
Boonton ‖	Passaic							.18	.48			.01										.03	.14		1.01		1.21	.05					3.11
Bridgeton	Coast	T.	T.					.50	T.		T.											.10		*	.70	*	.95						2.25
Burlington ‖	Delaware		.03					T.	.55			.02										T.	.18		1.06		.99	.10					2.93
Cape May City	Coast	.03	.07	.02				.40			T.													.52	.41	.74	.36						2.55
Charlotteburg	Passaic								.77			T.							T.		.03	.15		*	1.27	*	1.34						3.56
Chatham ‖	do							.30	.45			.05											.20		1.55		1.05	.15					3.75
Clayton	Coast	T.	.10					.60				T.													.97		1.00						2.67
Culver's Lake	Delaware							.85	.05		T.	.05							T.				.10	.20	.62	.02	1.30						3.19
Dover	Passaic							.65	T.		.03								T.				.13	1.19		*	1.02						3.02
Elizabeth	Coast	T.						.59	.03		.07											.14		*	1.64	*	1.32						3.79
Flemington	do							.51	.02		T.	.04							.01			T.	.11	.31	.88	.08	.74						2.70
Haddonfield	Delaware	.02	.05					.41	.02		.02										T.		.13	.74	T.	.43	.45						2.27
Highwood	Coast	T.						.57	.02			T.											.25	.15	1.30	*	1.03						3.32
Imlaystown	Delaware	T.						.25				.07												.30	.70	1.00	.10						2.42
Indian Mills	Coast		.07					.44				.04							T.			.10	.04	.10	.81	.16	.68						2.44
Jersey City	do	T.						.65	T.		.04	T.										*	.08	*	1.60	.30	.81						3.48
Lakewood	do		T.					.51	.25			T.							T.			T.		.22	.61	.35	.04						1.98
Lambertville	Delaware																																
Layton	do							.49	.06															1.19			.60						2.34
Little Falls	Passaic							.61			.07											.04	.08	1.53	T.	.60	.95						3.88
Long Branch	Coast	T.						.76	.13		.03	T.							T.		.04	.01	.05	.45	1.11	.57	.97						4.12
Mahwah ‖	Passaic							.24	.53														.28		1.10		1.45	.15					3.75
Moorestown	Delaware		.03						.40			T.											.15	*	.81	*	.89						2.28
Newark	Passaic							.68	T.		.05										.02	.10	.09	2.10		.44	1.11						4.59
New Brunswick	Coast							.49			.10												.15	1.98		.48	.01						3.21
Newton	Delaware							.91	T.		.10											.21		.74			1.45						3.41
Northfield	Coast							.73				T.												.06	.99	.36	.76						2.90
Paterson	Passaic	T.						.60	.06		T.	.02											.12	.37	1.08	.05	1.23						3.53
Phillipsburg	Delaware		.01					.86	.19		.09	.01							T.				.20	.41	.91	.16	1.09						3.93
Plainfield	Coast							.55	.04		.07										T.	.08	.10	1.83		.66	.59						3.92
Pleasantville	do							.68			T.								T.					.15	.86	.40	.72						2.81

TABLE 2.—*Daily precipitation for December, 1913. District No. 1*—Continued.

Stations.	Watershed.	Day of month. 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.
New Jersey—Con.																																	
Pompton Plains‖	Passaic							.18	.43			.08										T.	.08		1.28		1.36	.12					3.53
Somerville	Coast							.44	.02			.06											.13	.17	1.14	.57	.62						3.15
South Orange	do							.63	T.		.10												.20	1.42	.40	.40	.74						3.89
Sussex	Hudson							.60	.05			.02											.25	.50		*	1.04						2.46
Trenton	Delaware	T.	T.					.38	.01		.03								T.		T.	.17	T.	1.26		.34	.25						2.44
Tuckerton	Coast			.02				.68				.03												.03	.78	.22	1.23						2.99
Vineland	do		T.					.26			.02								T.		T.			*	.18	.16	.85						1.47
Woodbine	do		.03					.50														.03		.08	*	.60	.45						1.69
West Virginia.																																	
Bayard	Potomac	.13	T.	.03				.85	.30		T.								.12			.05	.14	.24	T.	.43	.35	T.					2.64
Burlington	do							1.80	.05													.20				1.20						T.	3.25
Franklin	do																																
Harpers Ferry‖	do	.11	T.					.55																	.80	.45	.65						2.56
Lost City	do	.36						.20	T.												.27		.39		.80	.60					T.	T.	2.62
Martinsburg	do	.15						.72				T.										.33		.70		1.05	.10						3.05
Moorefield	do	T.	T.					.73	T.			T.											T.	.45	T.	1.11	.30						2.59
Romney‖	do																																
Upper Tract	do	.15						.15	T.													T.		.15		.40	.50					T.	1.35
Maryland.																																	
Annapolis	Coast	.03	.04	.05																			T.	.81	.02	.10	.95						2.00
Baltimore	do	T.						.31	T.		T.	T.										.03		.82		1.16	.26						2.58
Cambridge	do		.06					.33																.52	.33	.71	.45						2.40
Cheltenham	do							.24																.62	.03	.50	.30						1.69
Chestertown	do										T.													.33	.30	.83	.64						2.10
Chewsville	Potomac	.11						.88	T.			T.										.26		.77		.88	T.						2.90
Clear Spring	do		.17					.98	T.			.05											.10	.07	.81		.71						2.89
Coleman	do							.33														.07		.56		1.27							2.23
College Park	do	T.	.04	T.				.30														T.	.06	.60		*	1.31						2.31
Cumberland	do	.08	.05					.71	T.	T.			T.						T.				T.	.10	.52		.99						2.45
Darlington	Coast	T.	T.					.40	T.		T.										T.		.04	.36	.30	.76	.90						2.76
Denton	do	T.	T.	.18				.44	.10			T.											.03	.21	.45	.70	.74						2.85
Easton	do	.15						.22														.05		.20	.45	*	1.16						2.23
Emmitsburg	Potomac																																
Fallston	Coast	.02	T.					.39	.10		T.											T.	.03	.47	.28	.38	1.23						2.90
Frederick	Potomac	.13	T.					.68	.06			T.										T.	.27	.86		.74	.37						3.11
Frostburg	do	.19	.02	.02				.60	.03		T.	.01							.04			.04		.03	.20		.70						1.88
Great Falls	do							.26	.11																.80		1.58						2.75
Green Spring Furn	do	.14						.93															.12	.74		.30	.41						2.64
Keedysville	do	.13						.89	.04			T.										T.	.37	.74	T.	.45	.65						3.27
Lake Montebello	Coast	T.						.32	T.		T.											T.	.03	.79		*	1.03						2.17
Laurel	do	.17						.40															.03	.30		1.75	.25						2.90
Leonardtown	do							.22				T.											T.	.52		.80	.07						1.61
Monrovia	Potomac	.14						.44	.03			T.											T.	.78	.03	.50	.65						2.57
Pocomoke City	Coast		.03					.35				T.												.39	.01	*	1.04						1.82
Princess Anne	do			.05				.55																.49		.94	.03						2.06
Rockville	Potomac																																
Salisbury	Coast	T.	.12	.05				.50	.05															.20	.32	.41	.50					T.	2.15
Solomons	do	.06	.04					.15				T.												.37		.72	.09						1.43
State Sanatorium	Potomac	.20							1.01																	1.01	.52						2.74
Sudlersville	Coast	.03	.02					.54			T.								.04			T.	.05	.17	.39	.54	1.04						2.82
Takoma Park	do	.10					.20	T.														.13		.55		1.10							2.08
Towson	do	T.						.39			T.	T.										T.		.98	.02	.88	.34						2.61
Van Bibber	do							.34															.07	.72		.81	.68						2.62
Westernport	Potomac	.20						.46	.02														.90	.42		.40							2.40
Westminster	Coast																																
Woodstock	do	.05						.37																.71	.14	.15	1.09						2.51
Delaware.																																	
Delaware City	Coast	T.						.67				T.										T.	T.	.60		.15	.62						2.04
Dover	do	T.	T.					.39			T.											T.		.21		1.00	T.						1.60
Milford	do	.06	.15	.17				.29	.25			T.												.02	.81	.47	1.14						3.36
Millsboro	do		.10					.52			T.													.70		.80	.20						2.32
Seaford	do	T.	.05					.34				T.											.03	.16	.66	.57	.63						2.44
Wilmington	do							.50															.13	.53	.50	.87							2.53
District of Columbia.																																	
Washington	Coast	.04						.27	T.			T.										.06		.61		1.10	.21						2.29
Virginia.																																	
Culpeper	Rap'ahan'ck	.05						.35														.04		.80		1.15							2.39
Dale Enterprise	Shenandoah	.25						.25	T.			T.												.46		.76	.33					.10	2.15
Eastville	Coast	T.	.07					.21													T.	T.		.40		.45	.23					T.	1.36
Fredericksburg	Rap'ahan'ck	.36						.20																.68		1.06	.34						2.34
Lincoln	Potomac	.12	.01					.46	T.															.67		.30							1.56
Mount Weather	do	.08	T.					.24	T.			T.										T.	T.	.66		.73	.02					T.	1.73
Quantico	do	.17						.06			T.													.97		1.38							2.58
Staunton	Shenandoah	*	.42				T.	.33														T.		.34		1.30						T.	2.39
Swetnam	Potomac	.09						.30																.73		1.00	.56						2.68
Wachapreague	Coast	T.	T.					.40																T.	T.	1.20							1.60
Warsaw	Rap'ahan'ck	1.50											T.											.50	.10	.60	.50						3.20
Winchester	Potomac																							*		1.13			T.				1.13
Woodstock	Shenandoah	.20	T.					.25	T.			T.												.30		.45	.25						1.45

* Precipitation included in that of the next measurement.
‡ Separate dates of falls not recorded.
‖ Precipitation for the 24 hours ending on the morning when it is measured.
T. Precipitation is less than 0.01 inch rain or melted snow.

TABLE 3.—*Maximum and minimum temperatures at selected stations for December, 1913. District No. 1, North Atlantic States.*

Date.	Maine.												Concord, N. H.		Massachusetts.								Providence, R. I.		Connecticut.			
	Eastport.		Greenville.		Orono.		Portland.		Presque Isle.		Rumford Falls.				Amherst.		Boston.		Middleboro.		Nantucket.				Cream Hill.		Hartford.	
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max	Min.	Max.	Min.	Max.	Min.
1....	40	34	34	24	39	25	40	34	44	28	36	25	38	33	42	34	46	37	46	39	51	42	50	37	37	32	46	36
2....	36	32	34	30	36	32	38	35	40	25	37	34	40	33	43	29	45	39	47	37	46	41	47	36	50	32	46	32
3....	36	32	36	29	39	32	44	35	48	30	40	34	45	34	49	33	50	37	52	38	49	38	51	35	45	34	53	38
4....	37	30	34	26	40	29	41	33	50	27	39	34	41	34	43	31	47	36	46	26	45	36	45	34	42	31	45	36
5....	36	28	34	27	40	31	45	34	41	20	40	36	44	30	50	37	53	41	50	37	49	42	51	42	45	30	51	44
6....	31	23	31	20	38	29	40	31	32	15	39	22	43	25	48	30	46	37	46	31	45	35	45	37	45	30	49	36
7....	50	22	35	8	37	18	52	30	30	7	34	22	39	26	53	29	56	37	56	25	58	36	56	37	41	28	55	36
8....	52	28	37	19	51	22	51	23	40	24	38	20	39	21	46	27	55	27	57	31	51	30	55	26	37	21	53	25
9....	30	16	26	8	45	16	37	21	35	6	30	16	35	19	39	20	41	24	39	21	38	27	38	24	25	15	38	23
10....	43	26	26	16	44	15	34	23	31	20	32	12	33	16	36	20	42	28	42	19	46	31	41	27	33	18	40	26
11....	36	15	27	14	38	27	36	18	26	19	33	16	4	16	33	16	42	21	39	27	39	27	39	21	30	17	34	18
12....	28	11	24	9	32	6	33	16	19	7	34	16	35	15	42	14	41	20	42	16	41	24	40	19	35	10	39	18
13....	41	27	35	24	41	25	45	24	31	15	43	32	47	27	48	22	53	34	50	21	48	34	50	32	45	27	49	31
14....	48	32	45	22	47	23	52	31	36	27	48	34	53	21	53	26	56	36	51	23	52	38	52	34	48	30	54	33
15....	33	15	27	9	47	16	35	21	31	5	29	17	34	20	40	26	41	28	44	27	43	32	44	31	42	20	41	28
16....	31	17	21	7	41	14	38	26	15	−2	29	22	37	25	34	24	44	32	45	19	48	35	46	32	40	25	42	32
17....	43	30	34	17	41	21	48	29	25	14	44	26	50	31	50	34	55	38	50	28	50	37	51	36	47	28	51	34
18....	41	26	36	19	43	22	44	24	32	25	40	22	42	20	44	24	48	26	45	30	45	32	45	28	41	27	44	26
19....	26	15	20	2	41	9	27	15	30	4	20	10	26	12	31	16	34	18	36	17	32	22	32	20	30	13	33	19
20....	42	18	36	10	38	14	40	21	36	15	34	19	38	8	41	17	46	28	44	14	48	27	44	29	44	19	44	27
21....	46	37	40	18	40	22	44	34	40	28	34	24	44	27	44	27	55	41	55	28	52	38	51	39	39	27	48	34
22....	38	24	30	18	39	21	38	28	38	4	35	20	40	29	42	28	47	38	44	30	44	39	46	37	34	23	44	30
23....	35	21	24	3	37	7	39	22	16	−5	26	11	32	29	38	28	44	38	41	36	45	40	44	35	33	30	42	30
24....	37	30	28	19	33	24	42	32	26	10	37	31	42	27	43	29	47	37	50	37	50	38	51	36	38	22	47	36
25....	34	31	28	23	33	27	33	31	32	18	33	30	33	27	34	27	38	34	39	30	40	37	38	33	32	24	38	32
26....	37	27	26	19	32	29	31	27	25	9	32	24	32	21	34	20	42	28	45	33	52	34	42	28	30	20	36	25
27....	27	15	20	7	32	15	30	19	15	4	25	6	26	7	30	16	32	22	33	22	34	28	34	21	22	11	31	20
28....	21	9	23	−6	30	−10	25	13	12	−15	21	0	27	0	28	5	33	20	34	15	40	30	35	18	24	4	29	12
29....	29	14	24	−2	24	−11	26	13	8	−22	24	2	26	−1	33	6	34	22	39	17	40	31	38	20	33	9	31	14
30....	33	22	30	10	29	8	37	16	20	7	35	10	37	6	37	10	41	24	40	13	38	29	39	22	34	16	39	21
31....	25	7	20	3	31	4	34	18	25	−1	31	14	36	9	35	14	39	25	37	16	38	29	40	23	36	15	39	23
Mns..	36.2	22.9	29.8	14.6	38.0	18.1	38.7	25.1	29.6	11.5	33.9	20.4	37.7	20.9	40.7	23.2	44.9	30.7	44.6	25.9	45.1	33.5	44.5	30.0	37.3	22.2	42.9	28.2

Date.	New Haven, Conn.		New York.												Pennsylvania.												Atlantic City, N.J.	
			Addison.		Albany.		Binghamton.		Indian Lake.		Little Falls.		New York.		Everett.		Harrisburg.		Philadelphia.		Scranton.		State College.		Wellsboro.			
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
1....	49	38	44	37	45	35	44	35	37	23	41	31	48	37	48	36	43	38	48	40	49	36	40	37	.....	.....	47	42
2....	50	37	46	38	45	35	43	41	50	27	43	35	51	44	48	39	49	42	54	44	50	43	45	38	.....	.....	52	46
3....	55	39	49	0	51	36	48	38	47	30	45	35	58	38	57	44	56	44	58	43	49	38	54	40	.....	.....	58	39
4....	45	39	56	28	45	36	44	33	35	29	38	37	47	38	52	35	51	39	52	40	46	35	45	34	.....	.....	49	34
5....	53	40	54	40	48	42	45	36	39	31	41	37	52	43	57	37	57	44	56	44	49	42	46	32	.....	.....	55	42
6....	53	39	48	34	47	32	45	37	38	22	42	33	50	43	54	40	53	44	53	44	48	42	48	38	.....	.....	51	39
7....	54	40	55	38	52	32	52	27	41	23	48	32	54	46	53	38	49	33	56	37	51	32	52	35	.....	.....	54	49
8....	53	27	50	21	37	24	30	23	40	18	45	20	48	26	30	18	33	24	38	27	32	23	35	17	.....	.....	49	27
9....	38	25	36	16	36	21	37	18	33	4	31	11	40	27	33	23	40	26	41	29	39	23	31	20	.....	.....	41	28
10....	42	27	36	24	36	22	34	25	28	19	31	22	44	28	41	19	38	27	39	29	38	27	38	23	.....	.....	43	26
11....	34	21	33	18	32	16	31	13	33	7	32	13	35	20	36	23	37	28	37	25	32	16	33	22	.....	.....	38	24
12....	43	20	53	5	34	15	42	10	35	0	35	14	46	19	56	22	55	27	48	25	49	14	48	19	.....	.....	50	20
13....	50	32	54	7	45	25	47	24	40	29	37	33	55	38	59	22	58	40	58	40	52	35	54	35	.....	.....	57	37
14....	56	33	52	26	55	31	50	25	43	21	46	37	53	40	61	28	53	38	57	38	50	38	49	35	.....	.....	57	40
15....	44	31	46	17	40	25	39	25	37	5	38	20	46	33	60	30	46	33	47	34	44	28	49	27	.....	.....	47	33
16....	48	33	46	24	43	27	47	29	33	24	38	27	49	32	58	22	52	31	50	33	50	28	49	29	.....	.....	49	37
17....	49	35	50	27	47	37	45	33	43	24	48	33	48	36	61	22	50	36	49	39	44	34	44	31	.....	.....	48	35
18....	46	27	41	29	43	23	37	24	45	15	36	20	47	30	47	25	45	33	49	32	42	26	42	28	.....	.....	48	31
19....	34	22	40	17	33	18	33	22	23	0	27	15	37	24	43	23	39	28	39	28	37	23	37	22	.....	.....	39	25
20....	46	29	49	16	40	33	45	24	37	13	32	21	48	27	46	15	41	24	47	30	47	23	42	20	.....	.....	47	34
21....	53	35	41	25	45	32	44	33	39	21	41	27	49	40	47	27	46	34	48	37	47	35	40	30	.....	.....	50	39
22....	46	33	38	29	40	24	38	22	37	20	39	32	43	35	47	28	43	32	46	35	42	28	40	25	.....	.....	48	35
23....	46	33	38	29	38	23	39	22	27	0	32	22	50	35	35	23	45	32	55	34	43	29	39	23	.....	.....	54	35
24....	50	38	39	32	40	33	40	36	34	20	36	30	49	38	39	32	42	38	51	43	43	37	37	32	.....	.....	52	37
25....	42	33	34	32	37	32	36	33	35	27	35	32	43	35	37	35	41	34	43	37	40	34	36	31	.....	.....	47	37
26....	37	26	34	16	32	19	33	20	31	20	32	18	43	24	36	26	37	29	41	29	34	22	32	24	.....	.....	50	29
27....	30	21	32	−4	19	8	22	8	25	−3	18	−1	31	21	29	19	31	24	35	24	23	13	26	12	.....	.....	36	25
28....	32	17	28	−6	18	4	22	3	27	−14	23	1	34	19	20	6	31	18	37	23	26	7	22	3	.....	.....	35	23
29....	36	18	25	−6	23	3	23	2	25	−15	22	17	39	23	32	14	34	23	38	28	30	9	26	18	.....	.....	40	26
30....	41	23	36	23	37	15	33	21	29	13	32	21	41	26	35	13	37	20	41	29	35	13	30	11	.....	.....	39	26
31....	40	24	32	1	32	19	32	17	28	1	30	27	36	27	35	13	35	26	37	30	36	22	27	14	.....	.....	39	26
Mns..	45.0	30.2	42.4	22.4	39.2	24.7	38.7	24.5	35.3	14.6	35.9	24.3	45.6	32.0	45.2	25.7	44.1	31.9	46.7	33.9	41. 8	27.6	39.9	26.0	.....	.....	47.4	33.1

TABLE 3.—*Maximum and minimum temperatures at selected stations for December, 1913. District No. 1*—Continued.

Date.	New Jersey.								Martinsburg, W. Va.§§		Maryland.								Millsboro, Del.		Washington, D. C.		Virginia.					
	Bridgeton.		Phillipsburg.		Sussex.		Trenton.				Baltimore.		Darlington.		Frederick.		Westernport.						Fredericksburg.		Staunton.§§		Woodstock.	
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
1	48	39	47	31	48	28	48	37	45	40	47	39	48	31	46	38	44	39	48	43	46	40	48	41	43	40	45	42
2	50	40	52	42	48	35	52	44	51	40	54	46	50	41	52	42	52	42	53	45	54	44	57	43	49	39	52	42
3	60	45	54	42	54	38	57	38	60	43	61	46	58	41	60	45	55	47	61	46	61	46	66	46	61	46	59	48
4	50	32	47	35	46	33	47	37	55	37	54	40	51	32	54	37	55	37	59	33	57	40	63	34	63	32	60	31
5	58	37	51	41	46	43	54	42	63	39	63	49	58	38	60	46	60	43	63	42	64	48	70	34	66	34	71	46
6	55	35	52	42	54	38	53	41	56	39	55	46	54	35	53	43	56	45	59	34	56	42	60	32	64	39	55	32
7	55	41	53	41	52	37	55	42	56	43	55	37	51	42	52	43	70	37	60	45	55	37	57	42	57	45	59	36
8	55	26	52	24	52	23	34	25	31	22	37	25	52	21	53	23	39	18	55	24	37	25	56	25	30	18	36	25
9	43	25	40	24	34	24	40	26	39	23	42	30	40	24	41	26	37	25	47	26	42	28	45	26	40	17	42	22
10	40	23	39	24	35	23	39	27	42	25	39	27	34	21	35	24	45	24	42	21	40	24	42	19	44	25	46	20
11	40	27	33	24	31	17	35	21	34	27	39	29	36	28	37	32	39	30	41	29	39	29	42	33	43	33	41	32
12	49	21	48	18	51	16	49	21	57	22	56	27	51	18	54	25	58	28	51	22	58	27	60	18	53	26	59	22
13	58	27	53	36	52	30	54	36	51	23	63	40	59	24	61	41	62	37	67	32	66	33	69	26	62	37	63	25
14	58	26	53	31	56	28	54	36	61	31	57	42	55	32	57	32	56	31	62	29	59	30	63	27	56	31	54	23
15	48	30	47	30	44	27	43	32	50	32	51	37	50	32	50	27	63	28	57	29	53	33	58	34	53	29	55	27
16	52	25	49	26	47	21	50	30	59	27	55	33	48	28	54	26	59	27	56	25	55	32	64	24	58	33	61	24
17	50	28	49	33	48	29	51	36	57	27	56	40	50	30	59	37	52	31	56	32	56	36	60	31	60	37	58	28
18	50	36	43	29	44	33	45	29	42	37	51	36	47	36	48	40	50	34	52	35	50	34	52	40	55	41	48	36
19	40	25	36	23	37	22	36	25	42	29	42	30	40	23	41	24	47	31	49	24	42	25	44	22	44	19	45	21
20	50	22	43	21	44	20	47	26	44	20	45	29	42	21	42	20	55	20	56	22	46	26	47	24	56	27	54	20
21	47	32	48	29	50	30	50	34	44	20	44	34	43	26	47	26	47	31	52	37	43	30	47	40	58	29	49	27
22	47	37	45	35	42	32	45	32	44	29	44	37	42	34	45	35	43	35	52	36	44	34	49	29	50	30	44	33
23	55	30	46	29	42	26	53	31	39	29	51	36	50	30	42	27	40	32	59	27	49	36	46	33	41	31	40	30
24	55	35	46	38	48	34	48	39	44	32	47	33	51	31	46	35	41	33	59	39	46	34	49	30	48	29	46	35
25	45	32	43	36	41	33	42	37	40	35	42	40	42	35	41	36	38	33	53	32	42	36	45	33	37	29	43	35
26	45	32	37	31	34	29	38	28	37	32	41	34	38	31	38	32	35	30	53	35	40	33	41	36	41	32	37	32
27	37	24	32	18	30	15	35	22	35	25	37	28	33	22	37	25	41	22	42	28	37	25	41	28	41	22	39	23
28	35	19	28	13	28	6	32	19	32	20	38	27	36	14	37	20	35	15	43	21	39	24	37	21	41	23	38	21
29	40	22	32	17	31	6	37	22	35	21	39	28	35	19	38	23	41	24	41	28	42	27	39	30	37	30	40	26
30	38	20	38	17	37	8	40	24	36	22	39	29	37	18	39	22	34	23	38	24	38	24	40	23	47	25	37	22
31	36	22	35	21	37	6	37	27	37	21	37	30	35	22	37	22	39	21	40	24	37	28	39	26	35	24	36	21
Mns..	48.0	29.5	44.2	29.1	43.3	25.5	45.2	31.2	46.1	29.4	47.8	35.1	45.7	28.4	47.0	31.4	47.9	30.7	52.5	31.3	48.1	32.6	51.5	30.06	49.4	30.7	48.8	29.3

a, b, c, etc., indicate respectively 1, 2, 3, etc., days missing from the record.
§§ Instruments are read in the morning; the maximum temperature then read is charged to the preceding day, on which it almost always occurs.