CLIMATOLOGICAL DATA FOR AUGUST, 1913.

DISTRICT NO. 1, NORTH ATLANTIC STATES.

Prof. WILFORD M. WILSON, District Editor.

GENERAL SUMMARY.

Over most of New York and a large part of the New England section the severe drought that began to be felt in June and became intensified in July, continued with increasing severity during most of August. Until the 22d or 23d of the month there was not sufficient rainfall to afford relief. The total precipitation to that time from the 1st of June was much less than half the normal amount over extensive areas, while the resulting loss in the yield of fruits, corn, buckwheat, potatoes, and many other staple crops, the reduction in the water supply, and the failure of pastures, were reported by many observers as being the most serious known in their localities for more than 40 years. However, in the States south of New York drought of unusual severity was not reported, though the average rainfall in each State has shown a marked deficiency for the last several months.

No abnormally warm or cool periods developed during the month, but there was an unusual predominance of clear weather. Comparatively few severe thunderstorms occurred in the northern half of the district, but in the southern sections they were numerous. In Pennsylvania, New Jersey, and the coast region farther south there were many instances of great damage to buildings and crops by lightning, hail, and high winds, and in some cases persons were killed by lightning or by objects thrown about by the wind.

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	67.2	−0.1	100	30	3.09	−0.96	7.45	0.83	8	16
New York	68.6	+1.2	100	29	2.83	−1.43	7.26	0.96	8	17
Pennsylvania	70.4	+0.2	102	38	3.17	−1.04	10.93	1.05	9	17
New Jersey	71.7	−0.2	100	38	4.06	−0.97	10.21	1.93	10	18
Maryland, Delaware, and District of Columbia	73.6	−0.2	101	43	3.95	−0.19	7.65	1.25	9	16
West Virginia	70.5	+0.4	93	40	2.95	−0.88	5.52	0.98	6	15
Virginia	72.9	−0.9	99	49	3.28	−0.86	5.08	1.12	7	16

TEMPERATURE.

The average temperature for the month was close to the normal at an unusually large number of stations. It was slightly warmer than usual for August in western New England, New York, and eastern Pennsylvania; also over the upper Potomac watershed. Near the coast, particularly in the southern part of the district, many stations reported temperatures averaging below the normal. In Virginia, eastern Maryland, and Delaware, the month was spoken of as being rather free from oppressively hot nights. Maximum temperatures for the month were generally several degrees lower than the highest on record for August, but it may be worthy of note that temperatures of 90° or above were somewhat more frequent than usual. On the 17th and 18th, on which dates the highest temperatures for the month were generally recorded, daily means were in some cases as much as 15° above the normal. On other dates temperatures were generally close to the seasonal average.

The highest mean temperature obtained from the records of any of the stations was 77.4° at Annapolis, Md., and the lowest was 59.8° at Eastport, Me. The extremes in temperature were 102° at Selinsgrove, Pa., on the 18th, and 29° at Indian Lake, N. Y., on the 26th. Damaging frosts occurred over small areas in New York and the northern New England States on the 26th, but in general the temperature did not fall below 40°.

PRECIPITATION.

Precipitation was below normal at all but about one-fifth of the stations in the district, and the monthly amounts ranged from 10.93 inches at Stroudsburg, Pa., to 0.83 inch at Chelsea, Vt., while North Creek, N. Y., and Moorefield, W. Va., also received less than 1 inch of rainfall. The total precipitation exceeded 6 inches at 7 stations in Maryland, 4 in New Jersey, 2 in Pennsylvania, 2 in New York, and 1 each in Massachusetts and Connecticut.

The average amount was greatest in New Jersey, but in that State it barely exceeded 4 inches, and the bulk of the precipitation came in the form of heavy thunder showers, many stations receiving one-half to two-thirds of the monthly total within 24 hours.

The principal storms of the month were produced by slight barometric depressions whose centers passed near or over the coast region of the southern part of the district, giving rather generous showers in that section and considerable precipitation at most points near the coasts of the Northern States, but leaving their interiors with very little rain.

One of the most remarkable instances of heavy rainfall that has ever occurred within the district was observed at Stroudsburg, Pa., on the 1st, when 7.50 inches fell in 3 hours and 50 minutes. This exceeded all records of heavy rainfall for a corresponding period in Pennsylvania. The resulting sudden flood caused considerable damage at and below Delaware Water Gap. The storm that produced this phenomenal rainfall was of considerable extent, several other stations in Pennsylvania, New Jersey, and Maryland recording excessive amounts of rainfall on the same day. At Belvidere, N. J., nearly 15 miles from Stroudsburg, the rainfall on the 1st was 5.30 inches.

Numerous severe thunderstorms visited the southern part of the district on various other dates at frequent intervals throughout the month. On the 10th a storm in Philadelphia and vicinity resulted in 5 deaths and injury to 30 persons, 2 of the deaths being caused by lightning, while the others and the injuries were caused by objects driven by the wind.

MISCELLANEOUS.

The principal rivers and streams in the northern part of the district reached nearly the lowest stages on record. Toward the southern end of the district the reduction of the stream flow was less marked, and in some places it was nearly normal, though most of the large streams were at low stages throughout the month.

A high percentage of sunshine was general over the district during the month, conditions differing little in that regard from those that prevailed during June and July. There was an average of 296 hours of sunshine, or nearly 10 hours daily. The number of clear days averaged 16, partly cloudy days 10, and cloudy days 5.

DROUGHT OF 1913 IN NEW YORK.

Considering the extent of territory affected as well as the reduction in the yield of staple crops and pastures and the lowering of the water supply, it is believed that this summer's drought has been the most serious experienced in the State for at least 40 years. Rainfall records obtained by the climatological service maintained in the State since 1889 show that droughts of nearly similar severity were felt in some sections of the State in 1907, 1910, 1911, and 1912, and in extensive areas in 1899 and 1908, though in the two years last named the areas affected were considerably less than in 1913. A very severe and extensive drought occurred also in the beginning of the growing season in 1903.

The drought of 1913 was remarkable both in its duration and in the time of its occurrence, covering nearly three months and extending well over the maturing period of important crops. It began to retard the growth of vegetation quite generally by the second week in June, and, in spite of occasional rains, became almost gradually worse until the 22d or 23d of August, when heavy rains brought decided relief in most parts of the State. In some sections, however, the drought remained unbroken until in September—so late that no amount of rainfall could bring the stunted crops to maturity.

In many sections of the State pastures failed completely and cattle and horses had to be fed full winter rations for several weeks. Almost the entire State suffered some loss in pastures and more or less reduction in the yield of staple crops, particularly of those that mature in the latter part of the season, such as corn, buckwheat, pears, apples, peaches, and fall potatoes. In many localities one or more crops were reported as being practically failures. In some of the central and eastern counties the water supply was so reduced that it became difficult to secure enough for the most urgent needs in cities and villages, the use of water for sprinkling lawns and flushing streets having been discontinued, while farmers in many places were obliged to haul water from a distance, as most wells, springs, and creeks were dry. A number of correspondents report that wells and streams became dry that were never before known to fail.

An examination of the precipitation records shows that a remarkable deficiency in rainfall was experienced in most parts of the State. While two stations in the State (near the shore of Lake Erie) recorded slightly more than the normal amount of rainfall during the 82 days, about half the area of the State received less than 50 per cent of the normal rainfall from June 1 to August 21, inclusive, and large tracts received even less than 35 per cent.

The average rainfall for the State from records made at more than 100 stations has been determined for each month, beginning with 1890. In June this year the average was only 2 inches, and was less than in June in any other year except 1912, when it was 1.16. The July average, 2.23, was considerably lower than in any other July, the nearest approach being in 1910, when the amount was 2.54. In August the rainfall averaged less this year than in any other, except 1894, 1899, and 1907. For the three months the average rainfall in the State amounted to only 6.83 inches, which is about 60 per cent of the normal and but little more than one-third as much rain as is received in June, July, and August in the wettest seasons. It is true that the average rainfall for these three months in 1907 amounted to a trifle less (6.81) than in the corresponding period this year, but the drought this year was very much more severe, doubtless owing to the fact that in 1907 the rainfall, though light, was much more timely in its occurrence and more evenly distributed.

In the case of the more extensive droughts of 1899 and 1908, which heretofore have been regarded as the very worst ever experienced in the State, the deficiency in rainfall did not, as in 1913, come at such a time as to produce the maximum effect in reducing the general yield of crops. In 1899 the remarkably dry periods of June and August were separated by a period of three weeks or more in July, when the rainfall was fairly generous. In 1908 the drought occurred late in the season, and the deficiency in rainfall was not considered serious until about August 23, or after a fairly good development of most crops had been assured.

Disregarding the results produced, the most remarkable period of dry weather yet revealed by the rainfall records in this State was in 1903 from April 17 to June 6, inclusive. The total precipitation for those 51 days was less than half an inch over the greater part of the State and less than one-tenth of an inch at quite a number of places in the northeastern quarter of the State. However, as the growing season did not fairly begin until about the second week in May, and much planting is usually deferred until even later, the effect on the season's production was less marked than in 1899 and much less than in 1913. The fact that the drought of 1903 was broken on the 7th of June, before the occurrence of much hot weather, and was therefore not accompanied by excessive evaporation, should be taken into consideration in any attempt to account for the rapid recovery of vegetation during the period of unusually wet weather that followed. It should be borne in mind also that the disastrous effects of the present season's drought were due in great measure to the occurrence of the rainfall deficit in the hottest months, when, with the prevalence of an unusual amount of clear weather, the process of evaporation of moisture from the soil was abnormally rapid.

Below are given brief notes taken from reports furnished by cooperative observers and others. The name of the post office is followed by that of the county, and the name of the correspondent is placed after the quotation. At the end of this paper is a table designed to give a brief summary of statements received in reply to special inquiries.

OBSERVERS' NOTES.

Adams Center, Jefferson.—Gauged by effect on vegetation, there has been no drought of equal severity within 20 years.—A. E. COOLEY.

Albany, Albany.—There has been no pasture worth mentioning for two months and general feeding has been necessary. From several years' observation in wells it appears that the water table, which normally reaches the lowest level at the end of October, has now (Sept. 12) reached what is usually the lowest level. Streams are low, and many wells have given out that are said never to have gone dry before.—UNITED STATES WEATHER BUREAU.

Amsterdam, Montgomery.—I have lived on this place 45 years and never saw it look as bad and dry as it does this morning (Sept. 13); neither have I seen the springs and wells as low.—EMERY ELWOOD.

Avon, Genesee.—Genesee River lowest in its history in August.—W. G. MARKHAM.

Binghamton, Broome.—Owing to the drought the price of milk has advanced 1 to 2 cents per quart. Vegetables are scarce and high-priced.—UNITED STATES WEATHER BUREAU.

Beerston, Delaware.—No pasture. Have fed the cows every day since the 10th of June. Many of our town people are buying water to drink from springs that have not failed. Majority of wells, springs, and creeks dry. Am 66 years old and do not remember the equal.—JOHN Q. BARLOW.

Cape Vincent, Jefferson.—There is no feed at all to speak of in pastures; cattle are mostly grazing in the meadows.—J. H. GRAPOTTE.

Castile, Wyoming.—Everything about us is fairly burned up. The foliage on the trees is parched and withered. On the 10th and 14th of September frost came and helped the drought in its work of destruction. Tomatoes do not ripen. Dry rot is attacking the fruit, and it is no doubt sure that the fruit now on the vines will not ripen. In many instances farmers and small landowners have long since abandoned their gardens. Rain has been so long delayed that when it does come it will be of no benefit to the crops now in the ground. Wheat seeding is useless unless rain falls soon (Sept. 15).—JAMES O. HOWARD.

Chatham, Columbia.—An old resident states that it was about 40 years ago that conditions were similar. This city has had to pump water from the reserve wells.—M. R. TANK.

Cooperstown, Otsego.—Prices of food high, butter scarce, and eggs now advancing almost to winter prices.—ELIZABETH C. KEESE.

Corinth, Saratoga.—Streams are lowest at this date (Sept. 14) of any time in 10 years.—GEORGE E. FIFIELD.

De Ruyter, Madison.—City water at De Ruyter is very low, and the commissioners are curtailing its use.—B. D. CRANDALL.

Elmira, Chemung.—Wells dry; many farmers hauling water; city supply sufficient, but lawn sprinkling curtailed.—T. A. BROWN, *City Engineer.*

Geneva, Ontario.—Corn, cabbage, and potatoes reduced one-half or more. Buckwheat practically a failure. Raspberries and blackberries much shortened. Tree fruits considerably damaged, but not so badly as other crops. Memory of those questioned does not extend back to a drought of similar severity so far as effect on crops is concerned.—AGRICULTURAL EXPERIMENT STATION.

Glens Falls, Warren.—All crops cut short. Strawberries and raspberries a total failure. Garden truck badly hurt. Hay not half a crop. No such long-continued drought in 20 years.—Prof. C. L. WILLIAMS.

Hunt, Livingston.—The most severe drought that was ever known in this section. Nearly all crops a failure. We have never had anything similar in my time, and I am 61 years old. There is not any pasture to speak of. Milk supply very short; butter high and scarce. Half the wells and springs have failed.—W. S. BARAGER.

King Ferry, Cayuga.—Some corn and buckwheat will not give back the seed used to sow it. Corn which was a fair crop until about July 1 has not grown any since, just tasseled out as it was, and there are no ears setting.—LUCIUS A. GOODYEAR.

Mexico, Oswego.—Wells nearly all dry. Many draw all water for stock and family use. Killing frost on September 10 cut all late crops to the ground, except in protected places. Very little corn was gleaned. Buckwheat not more than half filled. Beans ruined. Late potatoes small and very green when killed.—WM. A. BARTLETT.

Mohonk Lake, Ulster.—Of six consecutive remarkably dry summers this is the most serious.—D. SMILEY.

New Lisbon, Otsego.—Drought of greatest severity ever known. Pastures all dried up and no after feed in meadows. Stock is being fed on fodder corn. "City" water dried up, and some villages have to pump from the Butternuts Creek into the pipes that lead to reservoirs. Some good springs and spring brooks and swamps have all dried up.—G. A. YATES.

Oneonta, Otsego.—City water supply reduced; that of many small villages entirely cut off. Farmers have to draw water for household and stock.—H. W. LEE.

Oxford, Chenango.—It was the worst drought I ever knew in this section, and did the most damage to crops and pastures. Many farmers had to draw water for household use and for stock, while others had to drive their stock a long distance to water.—J. P. DAVIS.

Sharon Springs, Schoharie.—Streams are lowest in 20 years or more, and wells are failing generally in this locality.—WM. M. KLING.

Skaneateles, Onondaga.—Farmers compelled to draw water for stock; many wells are dry, and small cisterns have been dry for some time.—JOHN DURKAN.

Syracuse, Onondaga.—Milk has advanced 1 cent per quart to consumers in this city within the last month. Garden truck is much higher than usual at this time of the year. The rain of almost 1½ inches on August 29 gave some relief, but it was only temporary.—UNITED STATES WEATHER BUREAU.

Warwick, Orange.—All crops small yield except hay. Apples wormy and small. Pasture short all summer. Drought still continues in this section at this date (Sept. 15). Many streams are dry, and springs and wells low.—JOHN W. SLY.

Watkins, Schuyler.—As I remember, 1854, or possibly 1855, was about such a season. Crops were so short that it was almost impossible to harvest them, and farmers in this neighborhood paid $20 a ton for hay that ordinarily they would hardly have drawn in. Towns in this vicinity depending on streams for water supply are very short.—O. F. CORWIN.

York, Livingston.—Almost all of the smaller maples and many apple trees on south and west sides of orchards were blighted by hot, dry wind. Nearly all creeks are dry. Wells are low, but springs are holding out. The greatest damage done by the drought was to pastures. They were dried brown.—MILROY N. STEWART.

Summary of statements by observers, together with rainfall data.

Stations.	Counties.	Rainfall, June 1 to Aug. 21, inclusive.		Years since last drought of similar or greater severity.	Estimated reduction of crop yields in per cent, all crops considered.	Number of weeks pastures were generally worthless.
		Total amount	Per cent of the normal.			
Addison	Steuben	7.60	84	(1) 23	30	3
Albany	Albany	3.99	40	(1) 92	40	8
Amsterdam	Montgomery	4.66	.....	30	40	9
Auburn	Cayuga	5.92	59	5	15	3
Avon	Livingston	6.81	75	2	10	.....
Athens	Greene	3.94	38	(1) 11	55	5
Binghamton	Broome	2.63	29	(1) 24	40	6
Beerston	Delaware	5.50	.....	(1) 50	60	12
Canton	St. Lawrence	4.26	51	14	25	6
Cape Vincent	Jefferson	4.18	.....	8	5	2
Castile	Wyoming	6.20	.....	(2)	45	7
Chatham	Columbia	4.38	36	40	50	8
Cooperstown	Otsego	6.26	58	5	15	4
Corfnth	Saratoga	2.31	25	(2)	75	6
Cortland	Cortland	4.62	40	4	50	3
De Ruyter	Madison	5.32	49	10	40	6
Elba	Genesee	4.35	46	1	30	7
Elmira	Chemung	5.16	54	.....	25	3
Geneva	Ontario	5.60	.....	(2)	55	4
Glens Falls	Warren	3.45	36	(1) 20	50	3
Greenfield Center	Saratoga	4.00	38	7	35	4
Harkness	Clinton	5.80	69	.....	5	4
Hunt	Livingston	5.63	55	(2)	65	5
Ithaca	Tompkins	3.93	42	(2)	45	5
King Ferry	Cayuga	3.25	36	(1) 14	50	4
Mexico	Oswego	3.85	45	.....	45	6
Mohonk Lake	Ulster	5.18	40	17	20	4
New Lisbon	Otsego	5.43	46	(2)	40	6
Oneonta	do	5.19	43	3	25	6
Oswego	do	4.90	58	14	35	4
Oxford	Chenango	3.73	37	(2)	50	6
Sharon Springs	Schoharie	5.93	.....	5	45	10
Skaneateles	Onondaga	5.30	50	.....	40	3
Southampton	Suffolk	3.70	45	.....	25	3
Syracuse	Onondaga	3.37	44	(1) 11	45	5
Wappingers Falls	Dutchess	5.30	42	1	5	3
Watertown	Jefferson	5.15	55	.....	30	3
Watkins	Schuyler	5.03	45	(2)	55	6
Warwick	Orange	6.33	65	.....	45	4
West Point	do	5.47	48	.....	.....	.....
Windham	Greene	5.74	56	.....	50	3
York	Livingston	5.75	.....	14	50	4

[1] Or more. [2] No other drought of such severity known in locality. [3] 58 or 59.

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

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahrenheit.							Precipitation, in inches.				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 rainy days, 0.01 inch or more.	Number of clear days.	Number of partly cloudy days.	Number of cloudy days.		
Maine.																				
Bar Harbor	Hancock	20	27	63.9	−0.6	85	16	36	21	39	1.88	−1.14	0.70	0	6	21	5	5	s.	William Miller.
Cornish	York	778	58	68.6	+2.4	100	18	36	26	44	1.91	−2.43	0.73	0	6	17	11	3	nw.	T. H. West.
Eastport	Washington	53	41	59.8	+0.1	85	10	46	26	29	2.24	−1.02	0.86	0	10	9	15	7	s.	U. S. Weather Bureau.
Fairfield	Somerset	90	28	65.6	+0.2	89	18	37	26	36	2.50	−0.55	1.09	0	3	8	10	13	.....	E. F. Parker.
Farmington	Franklin	450	16	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	State Normal School.
Gardiner	Kennebec	163	21	66.0	−2.4	97	17	38	26	40	3.19	−0.25	0.88	0	6	24	2	5	nw.	Samuel D. Soule.
Greenville	Piscataquis	1,140	9	62.2	.....	89	17	32	26	37	2.80	−0.64	1.09	0	11	.....	.....	.....	.....	U. S. Weather Bureau.
Houlton	Aroostook	362	11	63.6	.....	90	18†	36	21	46	1.70	−0.86	0.70	0	4	14	8	9	nw.	Bangor & Aroostook R. R.
Lewiston	Androscoggin	185	39	67.2	+0.1	94	17	42	26	36	2.27	−0.99	0.90	0	7	16	12	3	s.	Union Water Power Co.
Madison	Somerset	257	10	64.0	.....	95	18	35	26	36	4.81	+1.09	1.18	0	11	26	0	5	w.	William Jardine.
Millinocket	Penobscot	386	10	64.7	.....	94	17	35	26	41	3.24	+0.11	0.62	0	11	14	4	13	sw.	F. C. Bowler.
North Bridgton	Cumberland	450	20	68.8	+1.6	100	17	40	26	39	2.47	−0.81	0.87	0	6	10	19	2	sw.	G. E. Chadbourne.
Orono	Penobscot	129	44	65.2	−0.3	93	18	34	26	40	3.15	−0.26	0.66	0	7	14	10	7	sw.	Department of Physics.
Patten	....do	550	11	59.7[d]	.....	94[d]	16	30[d]	25	45[d]	4.29	.....	1.00	0	6	15[d]	6[d]	6[d]	sw.	Bangor & Aroostook R. R.
Portland	Cumberland	99	42	65.7	−0.5	86	17	49	26	27	2.99	−0.68	1.75	0	7	13	11	7	s.	U. S. Weather Bureau.
Presque Isle	Aroostook	.....	4	61.4	.....	88	16	33	21†	46	3.01	.....	1.24	0	10	20	6	5	w.	E. M. Libby.
Rumford Falls	Oxford	505	20	65.1	−0.6	92	17	40	26	34	2.46	−0.72	0.97	0	9	22	7	2	nw.	Charles A. Mixer.
Van Buren	Aroostook	510	8	60.7[a]	.....	83[a]	15†	30[a]	26	41[a]	2.71	.....	0.58	0	9	22[a]	0[a]	8[a]	w.	J. M. Thomas.
Winslow	Kennebec	.....	.....	66.6	+0.9	96	17	35	26	39	3.52	+0.53	0.90	0	7	20	8	3	w.	
New Hampshire.																				
Alstead Center	Cheshire	1,120	9	66.4	−2.3	90	18	46	12†	31	2.35	−1.77	0.63	0	9	19	7	5	sw.	Frank Dewing.
Benton	Grafton	.....	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	State Sanatorium.
Bethlehem	....do	1,470	21	63.5	−0.7	90	17	36	26	33	1.79	−2.13	0.52	0	8	19	10	2	sw.	Benjamin Tucker.
Concord	Merrimack	350	53	67.8	+1.2	98	17	40	26	40	2.30	−1.44	1.17	0	10	15	8	8	se.	U. S. Weather Bureau.
Durham	Stafford	88	18	66.4	−1.6	95	16†	38	21	43	4.20	+1.12	1.96	0	11	17	8	6	sw.	Agricultural Exp. Station.
Franklin	Merrimack	440	14	67.4	+1.8	100	17	37	26	41	4.10	+0.76	1.49	0	9	19	8	4	w.	Dr. C. P. Webster.
Grafton	Grafton	863	27	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	P. R. Kimball.
Hanover	....do	603	79	66.7	+0.6	96	17	36	26	40	2.04	−1.35	0.45	0	10	16	12	3	sw.	Dartmouth College.
Keene	Cheshire	506	28	67.0	+0.8	97	18	35	26	48	2.86	−1.32	1.07	0	8	20	10	1	sw.	Samuel Wadsworth.
Nashua	Hillsboro	125	28	70.0	+1.4	98	17	41	21†	41	3.59	−0.29	1.17	0	9	10	11	10	sw.	C. B. Stevens.
Newton	Rockingham	.....	25	65.8	−1.2	94	17	35	21	43	2.49	−0.66	1.16	0	8	12	18	1	sw.	W. C. Gale.
Plymouth	Grafton	500	25	64.4	−1.3	96	17	33	26	46	1.65	−2.86	0.59	0	8	18	5	8	w.	Hattie G. Trow.
Vermont.																				
Bloomfield	Essex	.....	6	62.2	.....	92	17	32	26	41	3.28	.....	0.98	0	11	18	6	7	s.	Lyman Falls Power Co.
Cavendish	Windsor	910	10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	E. D. Kingsbury.
Chelsea	Orange	840	18	63.0	−0.9	93	17	30	26	40	0.83	−2.44	0.22	0	7	12	12	7	n.	W. F. Dewey.
Manchester	Bennington	980	14	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	N. M. Canfield.
Somerset	Windham	2,096	1	60.6	.....	89	18	30	26	41	2.58	.....	0.89	0	9	14	9	8	sw.	J. Albert Holmes.
St. Johnsbury	Caledonia	711	20	65.0	+0.6	96	17	35	26	39	1.44	−2.39	0.34	0	7	13	15	3	sw.	Fairbanks Museum.
Woodstock	Windsor	700	21	66.2	+0.9	91	17	37	26	42	1.80	−1.74	0.56	0	5	16	7	8	.....	John S. Eaton.
Massachusetts.																				
Amherst	Hampshire	222	24	70.0	+1.8	97	17	41	26	43	2.26	−2.01	1.20	0	10	18	10	3	sw.	Agricultural Exp. Station.
Blue Hill	Norfolk	640	29	68.6	+1.2	93	17	52	15	29	3.30	−0.77	1.35	0	11	13	9	9	s.	Blue Hill Observatory.
Boston	Suffolk	124	43	70.8	+1.9	96	17	56	12†	28	2.86	−1.17	0.92	0	8	10	13	8	sw.	U. S. Weather Bureau.
Chestnut Hill	....do	124	33	69.6	0.0	95	17	44	21	35	4.56	+0.28	0.95	0	10	25	0	6	.....	Metropolitan Water Board.
Clinton	Worcester	370	17	67.8	.....	90	18	46	20†	34	2.03	.....	0.87	0	10	.....	.....	.....	.....	Do.
Concord	Middlesex	139	23	67.0	−0.3	94	17	39	21	40	3.65	0.00	1.18	0	7	13	11	7	s.	Fred A. Tower.
Fall River	Bristol	200	47	69.7	−0.5	88	10	52	21	20	2.87	−1.26	1.80	0	9	11	19	1	sw.	C. V. S. Remington.
Fitchburg	Worcester	550	30	69.2	+0.9	95	17	43	26	37	4.96	+0.16	1.14	0	8	19	6	6	sw.	Dr. A. P. Mason.
Framingham	Middlesex	160	33	69.2	+0.4	96	17	42	21†	39	4.56	+0.49	1.38	0	10	.....	.....	.....	.....	Metropolitan Water Board.
Hyannis **	Barnstable	31	22	68.2	−3.1	86	3	52	13†	22	6.91	+3.68	4.80	0	13	19	8	4	sw.	C. F. Sleeper.
Lawrence	Essex	51	29	69.8	+0.2	97	17	45	26	36	2.44	−1.58	0.72	0	7	12	16	3	sw.	Essex Company.
Lowell	Middlesex	100	28	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Props. locks and canals.
Middleboro	Plymouth	53	27	67.8[b]	+0.3	90	17	40	21†	35	2.44	−1.20	1.51	0	8	5	18	8	sw.	A. R. Gurney.
Nantucket	Nantucket	47	27	67.8	−0.2	85	3	54	21	19	3.26	+0.20	1.49	0	8	16	12	3	sw.	U. S. Weather Bureau.
New Bedford	Bristol	88	101	68.0	−0.3	87	10	50	15	25	4.68	+0.42	2.70	0	6	19	8	4	sw.	City Engineer.
Norfolk	Norfolk	244	10	67.2	.....	95	17	35	21	44	3.60	.....	1.18	0	9	19	11	1	s.	Ruby H. Martyn.
Plymouth	Plymouth	.....	28	65.5	.....	88	11†	48	21	36	2.77	.....	0.95	0	8	16	5	10	n.	Laura B. Knapp.
Provincetown	Barnstable	40	26	67.8	−1.4	87	10	52	21	24	3.77	+0.59	1.63	0	5	26	0	5	sw.	Gideon Bowley.
Rockport	Essex	25	11	66.3	.....	87	10†	51	21†	25	2.17	.....	0.72	0	9	15	12	4	sw.	C. F. P. Bearse.
Rutland	Worcester	1,160	11	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	State Sanatorium.
Turners Falls	Franklin	200	22	67.7	+0.1	91	17	43	26	36	2.47	−0.63	0.55	0	7	22	4	5	.....	Turners Falls Co.
Westboro	Worcester	298	39	70.3	+0.6	95	17	45	21†	36	3.85	−0.28	1.80	0	8	.....	.....	.....	.....	G. S. Newcomb.
Williamstown	Berkshire	711	32	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Williams College.
Worcester	Worcester	518	21	71.8	+2.9	93	17	56	20†	26	3.00	−0.42	0.89	0	9	17	12	2	.....	G. W. Swan.
Rhode Island.																				
Block Island	Newport	26	33	69.0	+ 0.3	86	10	58	11	19	2.36	− 1.12	1.05	0	8	11	13	7	sw.	U. S. Weather Bureau.
Bristol	Bristol	53	27	68.2	− 1.1	83	10	52	21	17	2.66	− 1.02	1.62	0	8	20	9	2	sw.	N. G. Herreshoff.
Kingston	Washington	250	24	66.6	− 2.0	90	10	45	21	28	3.65	− 0.45	1.54	0	8	16	9	6	sw.	Nathaniel Helme.
Narragansett Pier	Newport	22	31	67.8	− 1.1	88	2	47	21	24	3.05	− 1.00	0.65	0	10	22	6	3	sw.	U. S. Weather Bureau.
Providence	Providence	182	9	69.8	− 1.2	92	17	49	21	27	2.36	− 1.67	0.91	0	9	11	16	4	sw.	Do.
Connecticut.																				
Bridgeport	Fairfield	20	20	71.6	.....	96	10	51	21†	30	4.20	.....	1.22	0	7	16	14	1	sw.	William Jennings.
Canton	Hartford	900	52	69.0	+ 1.2	95	17	42	26	38	4.27	− 0.76	2.75	0	7	12	13	6	sw.	G. J. Case.
Colchester	New London	370	27	69.3	+ 0.2	92	10	43	21	33	2.91	− 1.45	1.38	0	8	14	14	3	s.	S. P. Willard.
Cream Hill	Litchfield	1,300	17	67.4	+ 0.8	93	17	40	26	38	3.89	− 0.68	1.95	0	9	18	8	5	sw.	C. L. Gold.
Danielson	Windham	300	11	69.0	.....	92	17	43	21	33	3.32	.....	1.90	0	7	22	6	3	s.	F. E. Bitgood.
Hartford	Hartford	159	9	70.7	+ 1.8	96	17	49	26	31	3.89	− 0.67	2.25	0	10	9	13	9	s.	U. S. Weather Bureau.
Hawleyville	Fairfield	600	15	69.0	+ 0.6	93	17	44	26	40	3.43	− 1.52	1.43	0	8	17	11	3	sw.	C. B. Hawley.
New Haven	New Haven	127	126	71.0	+ 0.9	94	10	53	21	24	3.40	− 1.59	1.28	0	12	11	15	5	s.	U. S. Weather Bureau.
New London	New London	47	43	72.0	+ 2.2	94	10	56	15†	31	2.27	− 2.30	0.90	0	8	13	15	3	sw.	Thos. C. Dillon.
North Grosvenor Dale	Windham	400	23	67.6	− 1.6	95	17	41	21	37	3.79	+ 0.22	1.87	0	6	18	11	2	sw.	Grosvenor Dale Co.
Norwalk	Fairfield	116	23	69.8	− 0.2	94	10	48	21†	32	7.45	+ 3.74	2.36	0	10	20	8	3	sw.	Geo. C. Comstock.
Southington	Hartford	140	44	68.6	− 0.5	92	17	40	26	39	3.00	− 1.55	0.75	0	8	11	19	1	s.	Luman Andrews.
Storrs	Tolland	640	25	68.6	+ 1.0	94	17	47	26	35	3.55	− 0.28	1.36	0	6	19	6	6	s.	Agricultural Exp. Station.
Torrington	Litchfield	625	12	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Prof. E. H. Forbes.
Voluntown	New London	260	28	66.7	− 1.8	93	10	35	21	44	3.26	− 1.11	0.70	0	6	20	9	2	sw.	J. L. Herbert.
Waterbury	New Haven	400	38	70.7	+ 1.1	96	17†	44	26	38	2.93	− 1.04	1.04	0	8	.....	.....	.....	.....	N. J. Welton.

TABLE 1.—*Climatological data for August, 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.
New York.																				
Addison	Steuben	1,000	23	68.6	+ 0.6	99	17	41	20	47	1.03	− 2.24	0.30	0	9	23	4	4	sw.	Dr. H. R. Ainsworth.
Albany	Albany	97	92	71.6	+ 2.1	97	17	49	26	33	1.14	− 2.82	0.36	0	8	17	14	0	s.	U. S. Weather Bureau.
Alfred	Allegany	1,976	18	66.8	+ 1.3	93	17	40	25	40	1.18	− 2.49	0.50	0	8					F. S. Place.
Amsterdam	Montgomery	277	9	68.1		96	17	42	26	38	2.53		0.93	0	9	17	7	7	w.	Emery Elwood.
Athens	Greene	90	11	71.6	+ 3.0	96	18	47	26	38	1.14	− 2.96	0.50	0	7	16	12	3	sw.	E. C. Brooks.
Ballston Lake	Saratoga	400	9	67.2		94	17	38	26	42	2.13		0.64	0	6	19	6	6	w.	Geo. R. Schauber.
Bedford	Westchester	450	22	70.4	+ 0.2	92	10†	47	26	33	6.12	+ 1.09	1.75	0	9	10	19	2		Dr. L. Rosenberg.
Beerston	Delaware	1,214	1	68.8		96	17	43	26	40	1.97		0.35	0	12	16	12	3	w.	John Q. Barlow.
Binghamton	Broome	875	22	69.1	+ 1.6	95	17	47	20	36	1.43	− 1.92	0.68	0	9	3	17	11	w.	U. S. Weather Bureau.
Bouckville	Madison	1,350	16	67.6	+ 2.4	95	18	41	25	38	3.31	− 0.26	1.52	0	9	10	11	10	sw.	L. W. Griswold.
Boyds Corners	Putnam	560	31								4.17	− 0.79								Thomas Manning.
Carmel	do	500	21	68.7	− 0.9	94	18	44	26	36	4.73	− 0.56	1.47	0	7	18	6	7	nw.	Do.
Chatham	Columbia	470	12	69.3	+ 2.0	100	17	44	26	39	1.70	− 2.55	0.85	0	9	18	13	0	s.	Morton R. Tank.
Cooperstown	Otsego	1,250	59	65.8	+ 0.4	89	18	44	26	34	2.86	− 1.27	0.70	0	10	26	4	1	w.	Miss Elizabeth Keese.
Corinth	Saratoga	542	11								1.80		0.48	0	7					A. M. Hollister.
Cortland	Cortland	1,129	51	68.1	+ 3.1	92	1†	43	25	35	2.13	− 1.67	0.40	0	10	27	2	2	nw.	F. G. Baker.
Cutchogue	Suffolk	32	14	71.7	+ 1.3	94	10	50	21	31	2.10	− 1.57	0.85	0	7	18	12	1	sw.	Wm. A. Fleet.
De Ruyter	Madison	1,300	10	67.6	+ 3.2	92	16†	41	5	35	2.12	− 1.48	0.95	0	8	18	5	8	nw.	B. D. Crandall.
Elmira	Chemung	863	30	70.0	+ 0.9	94	16	49	5†	37	1.07	− 2.17	0.47	0	5	21	3	7	sw.	T. A. Brown.
Glens Falls	Warren	340	22	69.0	+ 1.3	93	18	39	26	37	1.87	− 2.00	0.46	0	9	9	7	15	sw.	Prof. C. L. Williams.
Gloversville	Fulton	850	21	66.7	+ 0.5	94	17†	38	26	38	2.42	− 1.63	0.96	0	9	14	17	0	w.	W. L. McLean.
Greenfield Center	Saratoga	314	15	67.7	+ 0.5	92	17	40	26	39	1.34	− 2.83	0.66	0	5	21	8	2	nw.	S. E. Darrow.
Griffin Corners	Delaware	2,260	13																	Harold O. Judd.
Haskinville	Steuben		18								1.78	− 1.50	0.52	0	7					W. G. Collins.
Hoosick Falls	Rensselaer	410	11								2.54		1.05	0	8					S. L. Cluett.
Indian Lake	Hamilton	1,705	14	61.6	− 0.6	95	17	29	26	48	1.18	− 2.29	0.40	0	5	20	5	6	n.	Lester Severle, jr.
Jeffersonville	Sullivan	1,240	10	66.6		96	18	39	26	43	3.24		1.12	0	6	24	4	2	w.	Chas. Wilfert, jr.
Liberty	do	2,300	31	67.4	+ 2.7	91	18	45	25	31	3.17	− 1.12	1.30	0	4	23	0	8	nw.	Dr. H. M. King.
Little Falls	Herkimer	924	15	69.0	+ 2.4	95	18	42	25	44	2.75	− 0.98	1.32	0	9	21	8	2	w.	O. J. Dempster.
Mohonk Lake	Ulster	1,245	17	69.8	+ 2.8	88	18	51	11	27	3.97	− 1.09	1.30	0	8	12	16	3	nw.	Daniel Smiley.
Morehouseville	Hamilton	1,697	5	61.2		91	18	35	26	43	3.62		1.33	0	7	24	5	2	w.	T. C. Remonda.
Morrisville	Madison	1,325	1	66.5		93	18	40	26	42	3.33		1.30	0	7	23	6	2	nw.	I. M. Charlton.
Mount Hope	Westchester	200	16	71.8	+ 1.8	92	10†	52	21	27	5.59	+ 0.28	1.14	0	7	9	18	4		W. A. Cornelius.
Mount McGregor	Saratoga	1,060	1	68.8		90	17†	50	5†	26	1.50		0.77	0	4	25	5	1		W. S. Stanton.
Newark Valley	Tioga	825	26								2.87	− 1.48	0.75	0	8					Lyman D. Clinton.
New Berlin	Chenango	1,090	6								3.42		0.95	0	8				sw.	Chas. F. Sarle.
New Lisbon	Otsego	1,234	23	63.5	+ 0.2	93	17†	35	26	45	2.10	− 2.53	0.58	0	10	9	16	6	sw.	G. A. Yates.
New York City	New York	314	88	72.7	+ 0.5	92	10	60	26	23	1.84	− 2.69	0.61	0	11	7	17	7	sw.	U. S. Weather Bureau.
North Creek	Warren	1,002	5	64.6		90	16†	36	26	37	0.96		0.48	0	3	22	5	4	w.	W. G. Kenwell.
Northville	Fulton	742	11																	P. C. Pickard.
Oneonta	Otsego	1,112	19	68.4	+ 0.6	95	18	42	26	41	2.56	− 2.36	0.82	0	6	19	10	2	sw.	H. W. Lee.
Oxford	Chenango	916	48	67.2	+ 1.4	92	17†	44	26	35	2.69	− 1.42	1.50	0	7	10	20	1	w.	J. P. Davis.
Oyster Bay	Nassau	40	9																	Prof. Thos. Colby.
Port Jervis	Orange	470	29	70.3	+ 1.1	97	17	44	26	41	4.07	− 0.35	1.28	0	11	20	6	5	nw.	W. H. Nearpass.
Roslyn	Nassau	215	1	71.4		94	10†	50	21	29	4.59		1.59	0	11	20	6	5	sw.	C. H. Hechler.
Salisbury	Herkimer	1,526	16	68.9	+ 3.5	95	18	42	25	44	3.20	− 1.94	1.32	0	9	22	7	2	w.	Joseph Ryan.
Scarsdale	Westchester	200	9	70.6		93	10	52	21†	26	7.26		2.00	0	9	21	10	0	se.	C. H. Wilmarth.
Setauket	Suffolk	40	28	70.8	+ 0.3	92	10	53	21	25	2.67	− 1.63	0.77	0	8	20	6	5	sw.	Selah B. Strong.
Sharon Springs	Schoharie	821	0																	Wm. M. Kling.
Sherburne	Chenango		6								2.93		0.80	0	8					D. G. Trow.
Southampton	Suffolk	36	12	69.7	+ 0.6	90	10	49	21	28	4.62	+ 0.70	1.35	0	9	18	13	0	sw.	W. L. Jagger.
Southeast Reservoir	Putnam	310	18								4.31	− 0.88								Thomas Manning.
South Edmeston	Otsego	1,300	1	66.6		94	17	39	26	44	2.33		0.80	0	8	16	10	5	w.	F. H. Bilderbeck.
Spier Falls	Saratoga	400	12	68.8	+ 2.8	98	18	41	25	41	1.71	− 1.25	0.58	0	5	14	13	4	w.	Geo. E. Fifield.
Trenton Falls	Oneida	751	10								3.06		1.53	0	7					C. W. Young.
Tribeshill	Montgomery	268	10								3.30		1.00	0	6					R. S. Marshall.
Troy	Rensselaer		0	73.3		99	17	50	12†	34						16	7	8		David B. Plum.
Utica	Oneida	537	47								3.50	− 0.14	1.00	0	6					W. E. Young.
Wading River	Suffolk	112	7	70.2		95	10	41	21	36	3.11		0.90	0	7	24	6	1	sw.	H. B. Fullerton.
Wappingers Falls	Dutchess	110	23	69.4	− 0.5	92	18	48	26	32	3.93	− 0.78	1.48	0	8	17	14	0	sw.	H. C. Townsend.
Warwick	Orange	538	19								5.40	+ 1.06	1.95	0	13	14	4	13		John W. Sly.
Waverly	Tioga	824	31	70.8	+ 3.3	97	17	39	20	48	1.52	− 1.91	0.48	0	8	2	19	10	s.	J. F. Shoemaker.
West Berne	Albany	946	14	66.8	− 0.2	96	17	37	26	48	2.60	− 1.26	0.83	0	7	9	16	6	se.	W. J. Haverly.
West Point	Orange	167	64	73.2	+ 1.0	96	18	49	26	37	4.03	− 0.81	1.59	0	7	15	9	7	sw.	U. S. Military Academy.
Windham	Greene	1,520	13	62.7	− 1.7	90	17†	38	26	42	1.90	− 2.02	0.42	0	8	13	18	0	sw.	A. R. Mott.
Pennsylvania.																				
Altoona	Blair	1,181	25	68.8	− 0.5	94	18	46	25	36	1.49	− 2.04	0.69	0	4	25	4	2	w.	S. A. Gailey.
Catawissa	Columbia	470	4	70.6		92	18†	46	26	37	1.63		0.69	0	8	16	13	2		Wm. G. Yetter.
Drifton	Luzerne	1,633	15	64.4	− 2.4	88	10	40	26	39	2.76	− 1.10	0.85	0	12	18	8	5	w.	Eckley B. Coxe, jr.
Doylestown	Bucks	347	23								4.52	− 1.04	2.70	0	7					Alfred W. Walton.
Emporium	Cameron	1,050	26	66.6	− 1.4	92	17	44	26†	35	2.11	− 1.72	0.76	0	8	19	10	2	w.	T. B. Lloyd.
Ephrata	Lancaster	384	13	71.2	− 0.6	94	18	49	26	32	2.96	− 1.67	1.75	0	9	19	3	9	se.	W. L. Frantz.
Everett	Bedford	1,080	15	69.2	− 0.3	91	18†	44	26	42	1.75	− 3.03	0.66	0	7	8	21	2	se.	B. L. Steckman.
George School	Bucks	184	6	70.6		95	18	44	26	39	4.08		1.64	0	9	16	14	1	se.	N. W. Swayne.
Gettysburg	Adams	600	39	71.8	+ 0.4	99	18	48	21	40	6.45	+ 2.73	4.20	0	11	17	11	3	n.	Col. E. B. Cope.
Gordon	Schuylkill	804	9	68.6		94	18†	42	29	41	2.32		0.93	0	11	23	6	2	w.	Capt. J. G. Johnson.
Hamburg	Berks	380	17	70.6	− 1.6	95	17	51	2	35	5.64	+ 0.24	2.00	0	5	21	5	5	nw.	W. J. Kalbach.
Hanover	York	600	9	73.7		97	18	51	21	35	1.69		0.58	0	10	24	4	3	s.	Miss Mabel Champlin.
Harrisburg	Dauphin	361	25	73.4	+ 1.3	96	18	54	26	31	4.35	+ 0.10	2.77	0	7	12	11	8	sw.	U. S. Weather Bureau.
Huntingdon	Huntingdon	650	25	70.9	+ 0.4	98	18	43	26	46	2.05	− 1.96	0.83	0	8	18	8	5	w.	Prof. W. J. Swigart.
Hyndman	Bedford	977	6	70.8		98	18	41	26	49	1.32		0.57	0	3	21	6	4	w.	H. Somers Fischer.
Lancaster	Lancaster	255	20	71.4		100	10	45	26	43	3.35	+ 0.79	1.26	0	7	17	12	2	s.	F. H. Shaw.
Lawrenceville	Tioga	1,006	15	66.3	− 1.3	96	17	40	25†	45	2.45	− 0.96	1.10	0	6	16	14	1		C. P. Darling.
Le Roy	Bradford	1,400	24	68.6	+ 0.8	92	18†	46	12	34	1.84	− 2.63	0.77	0	10	14	15	2	sw.	G. W. T. Warburton.
Lock Haven	Clinton	560	25	71.6	+ 0.6	98	17	46	25	41	1.05	− 3.23	0.27	0	6	11	19	1	w.	Prof. J. A. Robb.
Marion	Franklin	640	9	73.4		101	18	50	26†	41	2.95		0.75	0	6	25	4	2		Hon. C. B. Hege.
Mauch Chunk	Carbon	634	24	70.9	+ 0.6	97	18	43	26	43	4.51	− 0.22	1.71	0	8	19[a]	7[a]	4[a]	w.	F. C. Wintermute.
Mifflintown	Juniata	445	9	71.0		96	18†	43	26	47	2.02		0.78	0	8	17	7	7	se.	Wellington Smith.
Milford	Pike	455	10	67.6	+ 0.6	96	18	39	26	43	4.02	− 0.97	1.95	0	10	15	15	1	s.	Mrs. Alla Doughty.
Montrose	Susquehanna	1,658	9	67.5		94	18	42	25	39	1.93		0.75	0	7	19	9	3	w.	Silas Jagger.
New Germantown	Perry	873	9	70.4		99	16	42	21	43	1.90		1.40	0	2	22	2	7	w.	Ed. C. Johnston.
Philadelphia	Philadelphia	117	42	74.6	+ 0.8	96	10	60	26	27	4.61	0.00	1.72	0	13	9	18	4	se.	U. S. Weather Bureau.
Reading	Berks	280	40	73.2	+ 0.8	96	18	53	26	32	2.79	− 1.45	1.50	0	8	10	11	10	se.	Do.
Scranton	Lackawanna	805	13	70.6	+ 1.3	95	17	48	26	37	2.54	− 1.71	1.14	0	11	11	14	6	s.	Do.
Selinsgrove	Snyder	455	25	72.4	+ 0.9	102	18	43	26	44	1.60	− 2.92	0.38	0	8	0	30	1	se.	J. M. Boyer, C. E.
Spring Mount	Montgomery	155	24								3.57	− 0.77	1.76	0	10					James F. Smith.

TABLE 1.—*Climatological data for August, 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.																				
Stroudsburg	Monroe	425	3	69.8	.....	96	18	41	26	44	10.93	.....	7.50	0	13	18	11	2	sw.	J. Clyde le Bar.
Towanda	Bradford	754	18	68.9	+ 0.4	93	17	44	20	40	2.44	− 1.16	0.74	0	8	21	5	5	s.	Hiram E. Bull.
West Chester	Chester	455	59	73.2	+ 1.3	94	10	55	26	30	5.31	+ 0.78	2.48	0	14	13	14	4	se.	J. C. Green, D. D. S.
Williamsport	Lycoming	530	23	71.3	+ 1.1	92	18	49	26	35	2.99	− 1.07	1.30	0	8[e]	23	2	6	nw.	Henry H. Guise.
New Jersey.																				
Asbury Park	Monmouth	22	25	71.7	− 0.2	96	10	56	23	28	4.94	− 0.20	1.87	0	12	20	5	6	ne.	H. E. Denegar.
Atlantic City	Atlantic	16	40	72.8	+ 0.2	89	10	61	12	18	3.73	− 0.57	1.32	0	11	15	10	6	sw.	U. S. Weather Bureau.
Bayonne	Hudson	50	23	73.4[b]	+ 0.5	97[b]	10	55[b]	22	29[b]	1.65	− 3.46	0.55	0	9	14	10	7	s.	Erskine R. Eadie.
Belvidere	Warren	289	23	71.4	+ 0.6	93	10†	48	26	34	8.35	+ 3.39	5.30	0	7	21	6	4	.....	Samuel J. Hixson.
Bergen Point	Hudson	37	16	72.3	+ 0.6	96	10	54	22	27	2.73	− 2.33	1.23	0	9	5	25	1	se.	Wm. H. Mitchell, M. D.
Boonton	Morris	230	23	.....	.....	.....	.....	.....	.....	.....	2.26	− 3.13	0.55	0	12	.....	.....	.....	.....	Joseph White.
Bridgeton	Cumberland	30	32	73.6	− 1.5	100	10	50	26	36	4.30	− 0.44	1.60	0	6	19	8	4	sw.	Henry A. Jorden.
Burlington	Burlington	12	27	72.2	.....	97	10	52	22	31	6.17	+ 0.56	2.18	0	7	25	4	2	sw.	D. S. B. McCoy.
Cape May City	Cape May	17	35	73.4	0.0	92	10	58	21	21	2.76	− 1.50	0.96	0	9	13	16	2	s.	U. S. Weather Bureau.
Charlotteburg	Passaic	719	21	68.4	+ 0.7	95	17†	38	26	43	4.00	− 0.75	1.11	0	8	21	10	0	se.	George S. Briggs.
Chatham	Morris	234	11	.....	.....	.....	.....	.....	.....	.....	2.85	− 2.37	0.80	0	8	.....	.....	.....	.....	M. A. Butler.
Clayton	Gloucester	126	20	70.6	− 2.9	94	10	48	26	34	4.12	− 1.03	0.75	0	8	26	1	4	sw.	William T. Farley.
Culvers Lake	Sussex	848	12	.....	.....	.....	.....	.....	.....	.....	4.70	+ 0.17	1.55	0	10	18	9	4	e.	Brice E. Riker.
Dover	Morris	600	29	68.6	− 0.6	93	17	44	26	37	2.90	− 2.10	0.68	0	10	2	21	8	.....	William C. Harris.
Elizabeth	Union	45	34	73.1	− 0.4	100	18	51	12	35	2.64	− 1.90	0.62	0	9	21	3	7	sw.	L. B. Bonnett.
Flemington	Hunterdon	140	25	72.8	+ 1.0	98	18	47	26	38	4.18	− 0.23	2.27	0	11	24	3	4	sw.	Hiram E. Deats.
Haddonfield	Camden	75	26	71.5	− 1.4	95	10	50	26	33	4.99	+ 0.40	1.77	0	9	17	12	2	sw.	Charles F. Richardson.
Hammonton	Atlantic	103	15	.....	.....	.....	.....	.....	.....	.....	4.61	− 0.07	2.03	0	9	.....	.....	.....	.....	G. F. Lenz.
Highwood	Bergen	90	26	69.6	− 1.6	95	10	47	22†	33	3.35	− 1.72	0.90	0	13	16	8	7	s.	Charles J. Bates.
Imlaystown	Monmouth	107	25	71.2	− 1.9	96	10	48	22	34	4.53	− 0.33	1.38	0	9	17	6	8	s.	H. E. Bullock.
Indian Mills	Burlington	76	24	71.6	− 1.5	98	10	45	26	40	4.69	− 0.48	1.98	0	9	16	11	4	sw.	James Armstrong.
Jersey City	Hudson	10	15	74.6	+ 1.3	96	10	58	12†	27	2.63	− 2.02	0.93	0	11	17	9	5	s.	Samuel K. Pearson.
Layton	Sussex	550	14	68.0[i]	− 0.4	94[i]	17	38[i]	26	48[i]	3.72	+ 0.08	1.05	0	10	.....	.....	.....	.....	Warren C. Hursh.
Little Falls	Passaic	175	11	.....	.....	.....	.....	.....	.....	.....	2.83	− 2.28	0.83	0	9	.....	.....	.....	.....	A. Sweetman.
Long Branch	Monmouth	30	6	71.2	.....	98	10	51	22	29	10.21	.....	4.22	0	14	26	1	4	s.	Wm. D. Martin, jr.
Mahwah	Bergen	312	11	.....	.....	.....	.....	.....	.....	.....	4.84	+ 0.20	1.28	0	10	.....	.....	.....	.....	Charles L. Barker.
Moorestown	Burlington	75	51	72.0	− 0.5	95	10	51	22†	34	5.93	+ 1.19	2.08	0	8	18	12	1	se.	George L. Gillingham.
Newark	Essex	159	70	74.0	+ 1.4	98	18	55	3†	38	2.09	− 3.15	0.62	0	10	20	7	4	sw.	Prof. William Weiner.
New Brunswick	Middlesex	100	60	71.4	− 1.0	96	10	49	22†	35	2.23	− 2.86	0.82	0	11	18	8	5	.....	Earle C. Stillwell.
Newton	Sussex	678	34	70.4	+ 0.6	95	17†	48	26	34	3.85	− 0.56	1.26	0	9	17	5	9	sw.	F. Vernon Losee.
Northfield	Atlantic	25	6	.....	.....	.....	.....	.....	.....	.....	4.60	.....	1.69	0	8	.....	.....	.....	.....	William L. Flick.
Paterson	*Passaic*	80	42	72.6	+ 0.6	96	10	51	26	32	3.07	− 2.06	1.25	0	11	10	16	5	s.	Heber A. Probert.
Phillipsburg	Warren	363	23	72.6	+ 0.9	97	18	47	26	39	3.67	− 1.03	1.17	0	9	24	2	5	s.	D. W. Smith.
Plainfield	Union	100	27	72.0	− 0.1	97	18	48	26	36	3.83	− 1.04	1.50	0	11	13	13	5	sw.	John Neagle.
Pleasantville	Atlantic	26	15	.....	.....	.....	.....	.....	.....	.....	3.91	− 0.78	1.39	0	11	28	2	1	.....	Lincoln Van Gilder.
Pompton Plains	Morris	195	11	.....	.....	.....	.....	.....	.....	.....	2.18	− 2.90	0.66	0	8	.....	.....	.....	.....	M. S. Taylor.
Somerville	Somerset	60	30	71.9	0.0	99	18	45	26	41	5.68	+ 0.97	2.47	0	6	19	8	4	se.	A. A. Macdonald.
South Orange	Essex	200	43	71.2	+ 0.5	94	10†	50[a]	22	29[a]	1.93	− 3.46	0.57	0	10	20	9	2	.....	Dr. Wm. J. Chandler.
Sussex	Sussex	442	23	70.2	+ 0.6	97	18	44	26	39	3.84	− 0.48	1.25	0	10	20	3	8	sw.	George Dymock.
Trenton	Mercer	63	42	72.8	− 0.9	95	10	55	22	25	3.30	− 2.25	1.70	0	9	12	15	4	s.	U. S. Weather Bureau.
Tuckerton	Ocean	23	20	70.9	− 1.3	95	10	46	22	37	6.52	+ 0.74	2.30	0	9	20	9	2	se.	Frank R. Austin.
Vineland	Cumberland	118	44	73.2	− 0.4	99	10	49	26	35	3.49	− 1.48	1.26	0	13	17	11	3	sw.	Alfred Chalmers.
Woodbine	Cape May	43	22	71.8[a]	− 0.4	96[a]	2	48[a]	21	30	3.29	− 1.01	1.08	0	10	.....	.....	.....	.....	Prof. R. D. Maltby.
West Virginia.																				
Bayard	Grant	2,500	11	65.9	+ 0.2	89	9†	40	31	41	5.51	+ 1.29	3.00	0	7	19	8	4	w.	Solomon Clark.
Burlington	Mineral	875	19	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	J. W. Vandiver.
Franklin	Pendleton	.....	7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Fred Calhoun.
Lost City	Hardy	.....	7	68.2	.....	86	10†	50	5†	32	3.02	.....	0.97	0	8	14	13	4	e.	B. D. Hinegardner.
Martinsburg	Berkeley	435	21	73.4	+ 0.4	99	10	51	15	36	2.43	− 1.36	1.05	0	4	18	9	4	se.	G. W. Van Metre, C. E.
Moorefield	Hardy	900	18	74.6	+ 2.0	92	10†	50	31	38	0.98	− 2.20	0.35	0	4	17	12	2	s.	John C. Fisher.
Romney	Hampshire	824	17	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	E. F. Staub.
Upper Tract	Pendleton	1,230	15	70.2	− 1.0	93	1	47	25	38	2.83	− 1.25	1.20	0	6	5	21	5	w.	J. M. Mallow.
Maryland.																				
Annapolis	Anne Arundel	45	41	77.4	+ 0.8	99	10	62	12†	22	3.25	− 1.62	1.20	0	8	13	4	14	s.	U. S. Naval Academy.
Baltimore	Baltimore	115	43	75.2	+ 0.5	98	10	59	21	27	6.38	+ 2.17	2.75	0	12	14	9	8	s.	U. S. Weather Bureau.
Cambridge	Dorchester	25	15	76.6	+ 0.3	100	10	57	12†	32	3.92	− 0.62	1.50	0	8	11	18	2	se.	T. E. Keenan.
Cheltenham	Prince George	230	13	73.6	+ 0.1	94	10	55	12	30	3.89	− 0.92	1.58	0	11	18	7	6	sw.	George Hartnell.
Chestertown	Kent	80	27	74.8	+ 1.2	95	10	52	24†	39	4.06	− 0.68	1.35	0	8	14	15	2	sw.	M. W. Thomas.
Chewsville	Washington	530	16	72.0[b]	− 0.2	99[b]	10	51	25	36[b]	2.69	− 1.14	1.00	0	6	10	18	3	se.	D. Paul Oswald.
Clear Spring	....do	650	15	71.0	− 0.6	98	10	52	21†	31	2.47	− 2.06	1.27	0	5	19	9	3	ne.	W. W. Frantz.
Coleman	Kent	80	13	74.4[d]	+ 0.2	97	10	56	21	28	4.15	− 0.01	1.08	0	9	21	6	4	sw.	J. S. Harris.
College Park	Prince George	170	22	73.2	− 0.4	100	10	49	21	35	5.92	+ 1.84	2.00	0	11	11	11	9	s.	Prof. H. J. Patterson.
Cumberland	Allegany	623	39	73.8	.....	99	10	52	25†	36	2.24	− 1.05	0.80	0	6	16	8	7	n.	Francis E. Harrington.
Darlington	Harford	300	22	71.4[c]	− 1.1	95[c]	10	43[c]	14	37[c]	6.33	+ 1.71	1.58	0	8	17	11	3	sw.	Prof. A. F. Galbreath.
Denton	Caroline	42	18	73.7	+ 0.1	95	10	48	21	33	3.28	− 0.28	1.70	0	7	21	8	2	s.	H. B. Mason.
Easton	Talbott	35	22	74.0	− 0.3	93	10	56	12†	27	1.25	− 3.01	0.61	0	5	17	9	5	sw.	Henry Shreve.
Emmitsburg	Frederick	720	41	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	James J. White.
Fallston	Harford	450	43	72.2	+ 0.2	94	10	52	21	30	4.05	− 0.79	0.95	0	12	1	28	3	se.	J. H. Curtiss.
Frederick	Frederick	275	38	73.8	+ 0.2	100	10	50	21	38	1.99	− 1.28	0.39	0	12	23	2	6	sw.	Chas. S. Birely.
Frostburg	Allegany	1,929	6	70.1	.....	94	9†	49	26†	37	1.46	.....	1.13	0	6	13	16	2	nw.	R. A. Walter.
Great Falls	Montgomery	200	23	.....	.....	99	10	.....	.....	.....	4.10	+ 0.63	1.23	0	8	19	4	8	se.	Chas. E. Sullivan.
Green Spring Furnace	Washington	450	21	74.2	+ 0.6	99	10†	49	26	41	1.65	− 2.63	1.00	0	3	25	2	4	s.	E. G. Kinsell.
Keedysville	....do	400	9	73.6	.....	101	10	52	25†	38	2.35	.....	0.75	0	7	22	6	3	s.	J. A. Miller.
Lake Montebello	Baltimore	200	4	73.4	.....	95	10	54	21	31	3.97	.....	0.82	0	12	25	1	5	se.	Martin L. Dobler.
Laurel	Prince George	150	19	71.7	− 2.3	95	10	50	21	31	6.87	+ 2.31	2.00	0	13	15	13	3	.....	Dr. T. M. Baldwin.
Leonardtown	St. Marys	100	3	75.2	.....	97	10	56	21	30	3.33	.....	0.93	0	10	16	10	5	s.	Brother Fidelis.
Monrovia	Frederick	630	28	73.1	− 0.2	98	10	52	21	33	2.64	− 1.94	0.90	0	11	18	3	10	s.	J. H. Lawson.
Potomac City	Worcester	37	20	76.2[a]	+ 0.2	91[a]	10	56[a]	21	24[a]	6.52	+ 2.53	2.65	0	8	20	9	2	sw.	Hon. R. M. Stevenson.
Princess Anne	Somerset	17	20	72.6	− 1.1	91	10	54	12†	28	6.24	+ 1.19	2.00	0	9	8	18	5	sw.	J. R. Stewart.
Rockville	Montgomery	421	6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Dr. G. E. Lewis.
Salisbury	Wicomico	23	8	74.8	.....	98	1	52	22	40	4.40	.....	1.36	0	8	15	15	1	e.	W. E. Downing.
Solomons	Calvert	20	22	76.7	− 0.5	100	10	61	18	28	3.97	− 0.25	1.25	0	8	3	12	16	sw.	Dr. W. H. Marsh.
State Sanatorium	Frederick	1,460	6	70.8[b]	.....	91[b]	10	54	21	26[b]	3.10	.....	1.27	0	6	25	0	6	sw.	Superintendent.
Sudlersville	Queen Anne	65	15	73.4	− 0.3	93	10	51	26	35	6.05	+ 2.73	2.25	0	10	22	4	5	e.	Henry L. Higman.
Takoma Park	Montgomery	320	15	72.4	− 0.8	95	10	55	21	28	3.53	− 1.70	0.91	0	8	12	19	0	.....	L. M. Mooers.
Towson	Baltimore	465	5	72.8	.....	96	10	52	21	34	3.97	.....	0.70	0	14	23	4	4	se.	C. W. E. Treadwell.

TABLE 1.—*Climatological data for August, 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.**																				
Van Bibber	Harford	100	16	72.6	− 1.0	98	10	51	26	31	5.37	+ 0.24	2.83	0	7	6	20	5	.....	W. Benj. Ford.
Westernport	Allegany	1,000	19	72.2	+ 0.7	97	9†	48	26	43	1.73	− 1.68	1.06	0	5	....	....	....	.....	Prof. O. H. Bruce.
Westminster	Carroll	860.	20	.....	.....	....	....	.....	....	....	.....	.....	.....	.....	....	....	....	....	.....	Prof. G. F. Morelock.
Woodstock	Baltimore	392	43	74.1	+ 1.8	91	10	55	26	29	7.65	+ 3.51	2.85	0	13	18	8	5	se.	Rev. J. F. Dawson, S. J.
Delaware.																				
Delaware City	New Castle	10	6	74.0	.....	96	10	54	26	33	4.29	+ 0.01	1.41	0	5	27	1	3	s.	H. Morton Price.
Dover	Kent	40	25	74.1	− 0.7	95	10	52	21	33	4.03	− 0.07	1.44	0	7	14	13	4	e.	W. C. Joesting.
Milford	....do	20	29	73.8	− 1.0	94	10	53	21†	31	4.42	+ 0.88	2.03	0	10	20	9	2	e.	Chas. J. Holzmueller.
Millsboro	Sussex	20	21	73.2	− 1.3	94	10	53	22†	31	3.56	− 1.52	1.57	0	8	18	7	6	se.	Rev. L. M. Wells.
Seaford	....do	40	22	73.1	− 1.4	93	10	53	21	28	1.83	− 2.19	1.26	0	8	21	6	4	sw.	E. B. Brown.
Wilmington	New Castle	86	2	75.7	.....	99	10	60	12†	26	3.45	− 1.68	1.40	0	7	21	10	0	sw.	Alexander J. Taylor.
District of Columbia.																				
Washington	Dist. of Columbia	112	43	74.2	− 0.3	97	10	54	21	29	5.42	+ 1.02	1.77	0	10	12	13	6	s.	U. S. Weather Bureau.
Virginia.																				
Culpeper	Culpeper	450	5	72.7	.....	92	1†	51	21	31	1.12	.....	0.85	0	4	13	15	3	s.	Col. H. C. Burrows.
Dale Enterprise	Rockingham	1,350	34	71.1	− 1.1	93	18	49	25	38	3.98	− 0.06	0.98	0	13	13*	9	9	s.	Rev. L. J. Heatwole.
Eastville	Northampton	15	3	75.4	− 1.5	92	10	56	23	29	3.53	− 0.79	2.60	0	3	16	14	1	sw.	T. B. Robertson.
Fredericksburg	Spottsylvania	100	24	73.2	− 2.3	95	1†	55	22	30	4.57	− 0.05	2.71	0	8	16	8	7	se.	S. G. Howison.
Lincoln	Loudoun	500	12	72.6	− 0.6	99	10	50	21	35	3.96	− 0.62	1.30	0	6	17	11	3	nw.	Dr. Geo. Roberts.
Mount Weather	....do	1,726	9	69.5	+ 0.1	91	10	53	12	25	4.03	+ 0.41	1.81	0	7	9	12	10	se.	U. S. Weather Bureau.
Quantico	Prince William	16	16	72.4	− 1.9	92	1	51	22	32	2.60	.....	1.30	0	9	24	5	2	ne.	Richmond, Fredericksburg & Potomac Railroad.
Staunton	Augusta	1,380	21	72.2	− 0.9	91	1†	53	25†	33	5.08	+ 1.22	2.42	0	9	10	11	10	sw.	Ernest Nothnagel.
Swetnam	Fairfax	300	1	.....	.....	....	....	.....	....	....	3.69	.....	2.12	0	6	20	8	3	s.	Potomac Elec. Power Co.
Warsaw	Richmond	160	21	74.8	− 0.7	94	10	56	21†	27	2.96	− 1.58	1.05	0	8	9	18	4	e.	C. H. Constable.
Waynesboro	Augusta	1,315	1	73.2	.....	95	1	53	25†	36	.....	.....	.....	0	....	23	2	6	sw.	H. M. Magie.
Winchester	Frederick	717	2	74.5	.....	96	10	53	21	30	1.87	.....	0.95	0	6	22	6	3	w.	Bently Kern.
Woodstock	Shenandoah	927	17	73.6	− 0.6	97	10	52	25	40	1.91	− 1.93	0.90	0	6	16	11	4	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 August, 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.		.08				.30		.30													.20				.30		T.	.70		1.88
Cambridge	Kennebec				.80		.30				.03													1.05									2.73
Cornish	Saco				.39		.03																	.73			T.	.06			.55		1.91
Danforth	Penobscot			.15		.50	.55																	.60				.20		.24	.24		2.24
Eastport	Coast		.48		.07			.09		.26	.14	.01					T.							.08			.01	.24		T.	.86		2.24
Eustis	Kennebec	T.	.17		.41	T.	T.	T.		T.	.20			.12										.30		.15	.04	.36		.04	.35		2.14
Fairfield	do			.75																				.66						1.09			2.50
Farmington	do																																
Gardiner	do				.48						.04													.88				.71		.71	.37		3.19
Greenville	do	.08	.30		.42		.04			.13	.05													1.09	T.		.10	.44		.03	.12		2.80
Houlton	St. John				.70																			.50				.20			.30		1.70
Howe Brook	Penobscot	.18	.12	.20					.10															.18					.26				1.04
Lewiston	Androscoggin				.60		.05				T.													.90			.09	.13		.08	.42		2.27
Madison	Kennebec			1.01	.22					.51	.41												1.18	.07			.04	.42	.08	.48	.39		4.81
Millinocket	Penobscot			.18	.43		.09			.29													.62	.13	.03		.30	.36		.45	.36		3.24
North Bridgton	Saco				.87		.13																	.68			.05			.11	.63		2.47
Oquossoc	Androscoggin	T.	.50		.70		T.	T.		.10	T.													.40			.45	T.	.10	.15			2.40
Orono	Penobscot				.66							.11												.50				.13	.55	.60	.60		3.15
Patten	do		.64		.01					1.00													.64				1.00			1.00		4.29
Portland	Coast				.40	T.		T.			.03													.50			.01	.30		.36	1.39		2.99
Presque Isle	St. John	.07	.08	.02	.22	T.	T.			.17	T.	T.												1.24		.23	.07	.57			.34		3.01
Rumford Falls	Androscoggin			.07	.90					.11	.15			.17										.44			.09	T.		.19	.34		2.46
The Forks	Kennebec		2.41	.26								T.						.23										.64		.13	.16		3.83
Van Buren	St. John	.02	.31	.58		.04					.41													.54			.39	.32			.10		2.71
Winslow	Kennebec			.90	.08						.25													.90			*	.57	.82				3.52
New Hampshire.																																	
Alstead Center	Connecticut				.38		.17	.15			.32			.12	.01									.52				T.	T.	.63	.05		2.35
Benton	do																																
Bethlehem	do				.33		T.	.06		T.				.21										.40		.03	.15	.37		.24			1.79
Brookline	Merrimack		.14		.60						T.							.25	.03					.58						.68	1.40		3.68
Concord	do				.42		.04			T.	.10			.05									.05	.37			.04	.06		.66	.51		2.30
Durham	do		.02		.67			.04			.03			.10	.01									.59				.08	.18	.52	1.96		4.20
Franklin	do				1.49		.21	.02			.05			.06										.60				.03		.57	1.07		4.10
Grafton	do																																
Hanover	Connecticut				.31		.18	.45		.06	.07													.29			.08	.26	.01	.23			2.04
Keene	do				.15		T.	1.07			T.			.10				T.						.48				.02	.08	.58	.38		2.86
Nashua	Merrimack		.03		.62	.12		T.			T.			.04	T.			.04						.55				.50		.52	1.17		3.59
Newton	do		.01		.65			.01			.25			.02										.32				.07		1.16			2.49
Plymouth	do				.47		T.	.08		T.	.06													.59			.07	.12		.24	.02		1.65
Vermont.																																	
Bloomfield	Connecticut	.07	.33		.52	.01					.59			.11										.31		.02	.09	.98		.25			3.28
Cavendish	do																																
Chelsea	do			.22	.02					.02								T.						.12			.12	.13		.20			0.83
Manchester	Hudson																																
Somerset	Connecticut	T.			.37		.08			T.	.16		.17	.13	.01								T.	.89				.04	.22	.51	T.		2.58
St. Johnsbury	do		.34		.29	T.	T.			.06	T.													.34	T.	T.	.07	.09		.25	T.		1.44
Vernon	do				.10						.11			.02				.01					.29	.12			.01			.76	.08		1.50
Woodstock	do			.36				.56															.25				.56			.27			1.80
Massachusetts.																																	
Amherst	Connecticut		T.		.21		.03	.01			.01			.18	T.			T.					.24	.20				.01		1.20	.17		2.26
Ashland	Merrimack		.10		.27		.05				.01			.09					.68						.39				.19		1.71			3.49
Bakers Bridge	do		.61		.30									.32					.13						.35						.63	.78		3.12
Bedford	do		.38		.35						T.			.19					.02						.29				T.		.65	.72		2.60
Blue Hill	Coast		.11		.24	.01		.08			T.	.01		.68					.24						.37				.21		.86	.49		3.30
Boston	do		.37		.21			T.			.04			.18					T.						.34				.80		.52	.40		2.86
Chestnut Hill	do	.59	.08		.25			T.			.06			.80					.95					.37				.44	.24	.78			4.56
Clinton	Merrimack		.04		.29		.04			.07	T.			.05				T.	.11						.47				.09		.38	.49		2.03
Concord	do		.53		.50	T.		T.			T.	T.		.07					.69						.33				T.		.66	.87		3.65
Fall River	Coast				.05			.12			.08	.02		.17											.52				.03		1.65	.23		2.87
Fitchburg	Merrimack		T.		.42						T.			.14				.84	.57						.56				.56		.73	1.14		4.96
Framingham	do		.77		.49		.03				.01			1.07					.33						.42				.06		.54	.84		4.56
Haverhill	do		.58		.47	.07		T.			T.	.01		.04					T.						.18				.03	.02	.46	.71		2.57
Hingham	Coast		.35		.04			.06			.49			.39											.58				.05		.55	.17		2.68
Hyannis	do							.03			.34	.17		.13					.16	.74				.34	.01			.15	.02	4.25	.55	.02	6.91
Jefferson	Merrimack		.04		.27					.35									.52					.77				.22		.54	.55		3.26
Lake Cochituate	do		.97		.36		.01							.83										.37				.08		1.74			4.36
Lawrence	do		.17		.49			T.			T.			.07					T.					.18				.24		.57	.72		2.44
Leominster	do		.04		.54					T.	.03			.08	.01			.14	.27					.70				.14		.65	.57		3.17
Lowell	do																																
Middleboro	Coast				.04			.03				.12		.11						T.				.38				.01		1.51	.24		2.44
Nantucket	do							.03			.66	.20								.07				.33				.38		.84	.75		3.26
New Bedford	do							.20				.35												.63				.20		2.70	.60		4.68
Norfolk	do				.08	.25		.09			T.			.17	.12				.37						.43				T.		1.18	.91		3.10
Plymouth	do		T.					.05			.45			.56					.03						.35				.03		.95	.35		2.77
Princeton	Merrimack				.25					.28	.07			.08				.75	.26					.62				.29		*	.98		3.58
Provincetown	Coast											.55		T.										.15				.28		1.16	1.63		3.77
Rockport	do		.25		.28			.03			.03			.05										.43				.15		.72	.23		2.17
Rutland	Connecticut																																
Somerset	Coast				.07			.06			.15			.16									.37					.13		1.71			2.65
Spot Pond	do	.61	.14		.41						.02			.46									.35	.02				.31	.25	.82			3.39
Springfield	Connecticut	T.			.20		.15				.02			.01			T.	T.					.40					.10	.45	1.33			2.66
Sterling	Merrimack		.11		.33					.11	.06			*	.16			.46	.06					.64				T.		*	1.17		3.10
Taunton	Coast		T.		.11			.05			.12			.61						T.				.80				.16		1.65	.15		3.65
Turners Falls	Connecticut				.37					.05				.24										.32				.49		.55	.45		2.47
Westboro	Merrimack		T.		.40			.04						.25					.95					.33				.08		*	1.80		3.85
Williamstown	Hudson																																
Winchendon	Connecticut		.05		.16					T.	.10			.02										.51				.25		.75	1.42		3.26
Worcester	Coast	.26			.19			.07		T.	.09			T.				T.	.89				T.	.26				.08		.84	.32		3.00
Rhode Island.																																	
Block Island	Coast				.06			.07			T.	.15		.02					T.					1.00				.01		.53	.52		2.36
Bristol	do		T.		.13			.03			T.	.12		.02										.44					.08	1.62	.22		2.66
Greene	do																																
Hope Valley	do				.02			.13			.54								.10					.72				.15		.80	.89		3.35
Kingston	do				.15			.07			.56								.43					.75				.15		1.02	.52		3.65

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

Stations.	Watershed.	Day of month.																															Total.
		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	
Rhode Island—Con.																																	
Narragansett Pier	Coast					.05		.09			T.	.65			T.				.04	.14				.74				.17	.20	.36	.61		3.05
Pawtucket	do		T.		.26			.24				.06		.23					.02					.54				.19		1.47	.35		3.36
Providence	do				.18			.02		T.	.02	.04		.09					T.					.57				.27		.91	.26		2.36
Wallum Lake	do		.01					.25			.06			.04					.01					.52				.27		2.03			3.19
Connecticut.																																	
Bridgeport	Coast	.55			T.			.82			T.	.17		T.										.66				.70		.08	1.22		4.20
Canton	Connecticut	.10			T.			.30			.42			.01									.45					.24		2.75			4.27
Colchester	Coast						*	.26			.04	.10							T.					.83				.30		.55	.83		2.91
Cream Hill	Housatonic	.11					.63	.05			.61								.02				.40	.47				T.		1.95	.65		3.89
Danielson	Coast		.04					.22			.33			T.					.05					.63				.15		1.90			3.32
Falls Village	Housatonic	.10					.75				.27								.14				.83					.05		2.45			4.59
Hartford	Connecticut	.01			T.		.06	.25			.32	.01		T.					T.				.04	.20				.75		1.71	.54		3.89
Hawleyville	Housatonic	.32						1.43				.08			.02									.08				.09		.33	1.08		3.43
Lake Konomoc	Coast							.10				.05								.10				1.00					.30		.95		2.50
New Haven	do	.22			.01		.04	.53			.01	.11		T.					.02				.17	.27				.74		.54	.74		3.40
New London	do							.10			T.	.12		.01					.06					.46				.37		.25	.90		2.27
North Grosvenordale.	do							.06			.11													.63					.15	1.87	.97		3.79
Norwalk	do	1.25						2.00			*	.12							.20					.76				*	.76	*	2.36		7.45
Southington	do	.20					T.	.60				.05							.35									.05	.60	.40	.75		3.00
South Manchester	Connecticut						.29				.28								.66				.30					.60		1.37	.37		3.87
Storrs	Coast						.18					.35												.60					.41	1.36	.65		3.55
Torrington	Housatonic																																
Voluntown	Coast							.42				.50												.70				.30		.66	.68		3.26
Waterbury	Housatonic	.19			T.		.60					.11							.09					.31				.10		.49	1.04		2.93
New York.																																	
Addison	Susqueh'na			T.	.19				T.	.09	.02	.03						.02					.28	.08				.02	T.	.30			1.03
Albany	Hudson	.07		T.	.10		.10			T.	T.			.19									.25	.04			.03			.36			1.14
Alfred	Susqueh'na				.08			T.	.01	.15	.03												.50	.02				.23	T.	.16			1.18
Amsterdam	Mohawk	.20			.35		.23	.02			.11												.10	.25			T.	.34		.93			2.53
Athens	Hudson	0.2	.02		.12		.22	.14			T.			T.	T.			T.					.12					T.		.50			1.14
Bainbridge	Susqueh'na																																
Ballston Lake	Hudson	.11			.54		.14				T.							T.	T.				T.	.59			T.	.11		.64			2.13
Bedford	Coast	1.42	.03					1.15			.01	.01		T.					T.				T.	.30				1.75		.59	.86		6.12
Beerston	Delaware	.10	.35		.01		.01	.02			.17							.24	.20				.30	.26				.03		.28			1.97
Binghamton	Susqueh'na	.08			.07		.02	.09		T.	.01												.68		.02		T.	.01	T.	.45			1.43
Bouckville	do	.41			.43			.02			.16												.19	.32			.10	.16		1.52			3.31
Carmel ‖	Hudson	1.45						1.47	.04															.45				.06		.03	1.23		4.73
Chatham	do	.02	.05		.10		.02	.10			.03													.52						.85	.01		1.70
Cooperstown	Susqueh'na	.21		.25			.70			.08	.14	.02											.48				.25		.70	.03			2.86
Corinth	Hudson		.05		.20	.25																		.30				.40		.48	.12		1.80
Cortland	Susqueh'na	.27			.30			.01			.11												.16	.39	.01		.12	.36		.40			2.13
Cutchogue	Coast	T.				.40		.20			.14													.85				.14		.09	.28		2.10
De Ruyter	Susqueh'na				.30						.16												.24	.15	.05		.05	.22		.95			2.12
Elmira	do				.18			.08		T.	.08												.47							.26			1.07
Glens Falls	Hudson	.02			.25		.33				.16												.10	.10			.05	.40		.46			1.87
Gloversville	Mohawk	.18			.20					.11	.17												.30	.10			.02	.38		.96			2.42
Greene	Susqueh'na																																
Greenfield Center	Hudson	.06									.04												.36					.22		.66			1.34
Griffin Corners	Delaware																																
Hancock	do		.05								.32								.41					.40						.47	.06		1.71
Haskinville	Susqueh'na				.10		T.			.11	.10							.15					.52				T.	.40		.40			1.78
Hoosick Falls	Hudson		.12		.38			.15			.04	.40													.15					.25	1.05		2.54
Indian Lake	do				.40						.08												.10	.40						.20			1.18
Jeffersonville	Delaware	1.12						.72			.15							T.	T.				.64					.07		.54			3.24
Liberty	do	1.15					.52											.20					T.							1.30			3.17
Little Falls	Mohawk	.26			.20			.02		.20	.10								.06				.45				.14			1.32			2.75
Mechanicsville	Hudson	.03		.32	T.		.05				.10							.07					.45				.09		.36	.23			1.70
Mohonk Lake	do	.57					.25	1.30			.05							.05					.50							1.05	.20		3.97
Morehouseville	Mohawk			.10	.94														.05				.95	.10			.15			1.33			3.62
Morrisville	Susqueh'na	.65			.50						.18												.05	.35				.30		1.30			3.33
Mount Hope	Coast	1.11	.42								.72								.67					.76				1.14			.77		5.59
Mount McGregor	Hudson										.10												.35				.28			.77			1.50
Newark Valley	Susqueh'na	.75			.30	.15		.29			.02								T.				.72		.04		T.			.60			2.87
New Berlin ‖	do		.95		.25			.43				.39												.72				.30		.20	.18		3.42
New Lisbon	do	.50			.14		.02	.05			.36												.55	.03			.02	.09		.34			2.10
New York City	Coast	.53	T.		.03		.04	.57			.23	.03	T.	.01					T.				.24	T.				.08		.07	.01		1.84
North Creek	Hudson				.38													.48					.10										0.96
Northville	do																																
Norwich	Susqueh'na																	.05					.20				.65		.51				1.41
Oneonta	do	.79			.14		T.	.03			.04												.82							.74			2.56
Oxford	do	T.	.10				.41				.05												1.35	.15			.12			.51			2.69
Oyster Bay	Coast																																
Port Jervis	Delaware	.96			.03	.10	.05				.10							.53	.39				.57	.01				.05		1.28			4.07
Roslyn	Coast	1.59	.01		T.			.36			.11	.09		.01										.73				.06	.24	.03	1.36		4.59
Salisbury	Mohawk	.26			.20			T.		.20	.10								.06				.45				.14	.47		1.32			3.20
Scarsdale	Coast	.80			T.		.20	.90			1.20	T.		T.					.75				T.	.64				2.00		.15	.62		7.26
Setauket	do	.77	T.					.45			20	.08												.53				.06		.08	.50		2.67
Sharon Springs	Mohawk																																
Sherburne	Susqueh'na	.45	.37			.22						.21												.60		.01		.27		.80			2.93
Southampton	Coast	.05				.49		.36			.76	.23							T.	T.				.71				.56	T.	.11	1.35		4.62
South Edmeston	Susqueh'na	.80					T.	.15			.25												.41	.14	T.	T.	.03	.13		.42			2.33
Spier Falls	Hudson	T.		.19	T.						.23												.18				.58		.53	T.			1.71
Trenton Falls	Mohawk		.20		.17						.05	.05												1.53				.41		.65			3.06
Tribeshill	do	.70			.70						.20												.60				.10			1.00			3.30
Utica	do	1.00	.39		.12																			.60				.59		.80			3.50
Wading River	Coast	.60						.52			.14	.10		T.										.90				.20			.65		3.11
Wappingers Falls	Hudson	.42		T.	T.		1.48	.24		T.	T.							T.					.15	.50				.10		.94	.10		3.93
Warwick	do	1.95			.03		.38	.28			.02	.10						.33	.03				.10	.30				.08		.22	1.58		5.40
Waverly	Susqueh'na				.08		.13	.04			.48												.30	.05				.02	T.	.42			1.52
West Berne	Mohawk	.09	.10		.47		.83																.05	.38						.68			2.60
West Point	Hudson	1.37			T.		.43	T.	T.		.29			T.	T.			.08					.27							.32	1.27	T.	4.03
Windham	Mohawk				.23		.42	.40			.09			T.									.16	.18				.06		.36			1.90
Pennsylvania.																																	
Allentown ‖	Lehigh	.05					1.69				.20							1.18					.48						.50			4.10
Altoona	Susqueh'na						.69					.36	.01										.43										1.49
Ansonia ‖	do				.33					.11										.05				.80				T.		.71			2.00

TABLE 2.—*Daily precipitation for August, 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—Con.																																	
Austin	Susqueh'na				.40				.65	.02									.03				1.20					.10		.47			2.87
Bethlehem	Lehigh																																
Bloserville	Susqueh'na	T.			.04		.57		T.	.16	.39		.02	.04				.06	.05				.35					T.		T.			1.68
Browers Lock	Schuylkill	.20	.02					1.04				1.04						.20	.82				.28							.52			4.12
Catawissa	Susqueh'na	.37					.24				.07			.02				.69					.19						.02	.03			1.63
Coatesville	Coast	.14					T.	1.58			.73												.34					.67		.57	.36		4.39
Doylestown	Schuylkill	2.70						1.09			.05			.10				.08					.20							.30			4.52
Drifton	Susqueh'na	.13	.12				.68	.20			.20			.02	.05			.02					.25	.20				.01		.85			2.76
Emporium	do				.07		T.		.16	.14	.11							T.	T.				.76					.06	.31	.50			2.11
Ephrata	do	.06						1.75		T.	.38	.10								.01			.25	.03				.26		.12			2.96
Everett	Juniata	.08						.66			.03	.48	.16						T.				.15		.19								1.75
Forks of Neshaminy	Delaware	1.89					1.21				.14												*21							.28			3.73
George School	do	1.29						1.64			.50				.02				.02	.06				.31						.03	.21		4.08
Gettysburg	Potomac		.16				T.	.20		.29	.02	.68	.07	.03					3.20	1.00			.77	.03				T.					6.45
Girardville	Susqueh'na	.15					.50				.12			T.					T.				.60					.09		.58			2.04
Gordon	do	.18						.93		.19		.12		.07			.01		.12				.49	.06				.11	.04				2.32
Hamburg	Schuylkill	.99					2.00											1.61					.81							.23			5.64
Hanover	Susqueh'na		.04					.01		.08		.58	.05	.05						.12			.40	.02						.34			1.69
Harrisburg	do	.52			.07		2.77			.02	.12			T.									.82					.03		T.			4.35
Huntingdon	Huntingdon	.83			.04		.26		.01	.12		.36	T.					.14					.29										2.05
Hyndman	Potomac			T.							.57		.55										.20										1.32
Kennett Square	Coast	.17					1.73												.12				.12					T.	T.	1.26			3.40
Lancaster	Susqueh'na	.60	.20					1.26				.80		T.										.14				T.		.30		.05	3.35
Lansdale	Schuylkill	1.37						2.21			.31							.09					.10	.26							.25		4.59
Lawrenceville	Susqueh'na				1.10					T.	T.							.10					.55	.40				.05	T.	.25			2.45
Le Roy	do	.08			.27		.28	T.											.04	T.			.23	.06				.02	.01	.77			1.84
Lloyd	do	.30			.26		.38	.12	.05		.07												.27	.40						.56			2.41
Lock Haven	do	.20					.03		.04		.25							T.					.26							.27			1.05
Marion	Potomac									.60		.35	.20	T.						.75			.98					T.		.07			2.95
Mauch Chunk	Lehigh	.35						1.71			.26							.95					.41	.43				.03		.37			4.51
Mifflintown	Juniata				.05		.78	.05		.41	.14	.29											.23							.07			2.02
Milford	Delaware	1.95	T.					.07			.19							.03		.19			.12	.51				.03		.60	.33		4.02
Montrose	Susqueh'na	.08			.07						.33											.75				.02		.04		.64			1.93
Mountain House	Juniata							.37			.35		.11						.65	.25			.10	.18									2.01
Mount Gretna	Susqueh'na	.90			T.		.58	1.64		T.	.07	.11		.09	T.		T.	T.	T.		T.	T.	.6	T.	T.	T.	T.	.42	.01	.10	T.	T.	4.58
New Germantown	do									.50								1.40															1.90
Ottsville	Delaware	.89					1.02	.35			.04							.06						.52							.27		3.15
Philadelphia	do	.75	.01		.01		1.59	.13			.74	.14		.02				T.	.17				.22					.04		.70	.03		4.61
Point Pleasant	do	1.79					.20	1.68										.11					.14	.33						.05	.25		4.55
Pottsville	Schuylkill	.30					1.36	.12		.36	.03			.04									.56					.04		.46			3.27
Reading	do	.58			.01		1.50				.35	.01		T.					.02				.21					T.		.11			2.79
Renovo ‖	Susqueh'na				.23			.42		.13		.46							.23				.12	.37	T.			T.		.22			2.18
Scranton	do	1.14	T.		.11		.08	.01		.13	.35		T.	T.				.02	.12				.33					.06		.19			2.54
Seisholtsville	Schuylkill	1.13					1.51	.44			.05							.10					.44	.08					.20				3.95
Selinsgrove	Susqueh'na	.32					.36	.06				.13								.18			.38					.01		.16			1.60
Shawmont	Schuylkill	1.30	.10					.80			1.45	.20						.05	.10	.03			.05	.20						.10	.22		4.60
Shippensburg ‖	Susqueh'na		.27					.37			.61	.24		.20	.21				.11	.12				.66									2.79
Smiths Corners	Schuylkill	1.17					.40	1.87							.28			.14					.23									.37	4.46
Spring Mount	do	.81						1.76			.08	.02						.04	.18				.14	.07						.13	.34		3.57
Stroudsburg	Delaware	7.50		.01			T.	.78			.03	.18						.31	.28	.02			.13	.60				.18		.85	.06		10.93
Sunbury	Susqueh'na	.07	1.00				.36	T.	.20		.06									.05			.23	.02				T.		.05			2.04
Towanda	do	T.			.29		.45	.01		T.	.29								.10				.74	.03	T.			T.	T.	.53			2.44
Weikert	do	.19				.17					.16								.12				.30							.12			1.06
West Chester	Coast	.01	.02					2.48			.63	.10		.01				.02	.02	.68			.15	.10				.20		.08	.81		5.31
Wilkes-Barre ‖	Susqueh'na		.55		.12			.23				.11			.02				.19					.27					.01	.24	.01		1.75
Williamsport ‖	do		.14		.10			.14				.32							1.30	.38				.51						.10			2.99
New Jersey.																																	
Asbury Park	Coast	.78	.34		T.			1.87			.12	.05		T.					.20	.33				.27				T.		.93	.05		4.94
Atlantic City	do	.38					T.	1.32			.62	.30		.02					.01	T.			.34	.10				.27		.35	.02		3.73
Bayonne	do	.23					.01	.54			.36	.08		.03										.35				.01		.04	T.		1.65
Belvidere	Delaware	5.30						1.03				.68						.12						.67				.07		.48			8.35
Bergen Point	Coast	1.23					T.	.53			.09	.23		.01						T.			T.	.38				.07			.19		2.73
Boonton ‖	Passaic	.17						.45				.24			.01				.05	.02				.31				.55			.46		2.26
Bridgeton	Cumberland	.90						1.15			*	1.60		T.					.30					.25				T.		.10			4.30
Burlington ‖	Delaware		2.18					1.18				.66			T.				T.	.96				.31					.10		.78		6.17
Cape May City	Coast	.40	.08					.66			.60	.36		.01						T.			.21	.10				.34		T.	T.		2.76
Charlotteburg	Passaic	.85					*	.59			*	.38							.30	.10			*	.57				.10		*	1.11		4.00
Chatham ‖	do		.50					.55				.80			.05				.10	.05				.55					T.		.25		2.85
Clayton	Coast	.09					.75					.56		T.					.57	.74				.30				.36		T.	.75		4.12
Culvers Lake	Delaware	.86			T.		.01	.20			.25			T.				1.55		.22			.01	.80				T.		.63	.17		4.70
Dover	Passaic	.26					*	.58			.21			.12				.34	.37				*	.40				.21		.41			2.90
Elizabeth	Coast	.55			T.			.62				.35		T.	.03				.60					.30				.04		.02	.13		2.64
Flemington	do	2.27					.03	.75			.20	.41		.03		.02		T.	.04				T.	.35				T.		.04	.04		4.18
Haddonfield	Delaware	.54	.03		T.			1.77			.62			T.						T.			.23	.12				.21		.03	1.44		4.99
Hammonton	Coast	.65						2.03		.90		.02		.21				.06					.23					.03		.48			4.61
Hightstown	Delaware																			.15				.43				.11			.30		
Highwood	Coast	.47			T.			.90			.22	.02		.01					.54				T.	.42				.54		.08	.15		3.35
Imlaystown	Delaware	1.20						1.38			.10	.15								.67				.28				T.		.15	.60		4.53
Indian Mills	Coast	1.98						.76			.25	.25		.24						.14				.27				.22		T.	.58		4.69
Jersey City	do	.57			.05		.02	.91			.24	.09	T.	T.				T.	.07				*	.35				.23		.10			2.63
Layton	Delaware	1.05	.05				*	*				.33						.50	.28				.11	.47						.93			3.72
Little Falls	Passaic	.17			.16		.53	.30			.20	.03		T.				T.					.33	T.				.46		.65	T.		2.83
Long Branch	Coast	1.80	.16		1.29			4.22			.19	.60		T.	T.				.27	.54				.34				.16		.60			10.21
Mahwah ‖	Passaic		1.10				.33					.40							.65				.48						.60		1.28		4.84
Moorestown	Delaware	*	.95					.76			.45	1.63		.19										.32							1.63		5.93
Newark	Passaic	.62			.42						.26	.14		.09					.01	.02				.30				.02		.01	.20		2.09
New Brunswick	Coast	.66					.46	.36			.23	.06		.07					.04				.23	.01				T.		.10	.01		2.23
Newton	Delaware	.65	.61				*	.72			.14							.11					*	.54				.24		.67	.17		3.85
Northfield	Coast		.55					1.69				1.25		.12						.07				.31					.28		.33		4.60
Paterson	Passaic	.28			.07			1.25			.17			.01					.06				T.	.26				.68		.14	.15		3.07
Phillipsburg	Delaware	.83					T.	1.17				.25		T.				.01	.13				.09	.41				T.		.63	.15		3.67
Plainfield	Coast	1.50			T.		.06	.66			.66	.08		.10				T.	.05				.28	.03				.16		.25			3.83
Pleasantville	do	.88	.02					1.39			.01	1.01		.02						.07				.29					T.		.22		3.91
Pompton Plains ‖	Passaic		.44		T.	T.		.41				.18			.01				.08					.26					.14		.66		2.18
Somerville	Coast	2.47	.01					.66				.18		T.										.26				T.	T.	T.	2.10		5.68
South Orange	do	.28			T.			.57			.33	.08		T.				T.	.02				T.	.40				.08		.03	.14		1.93
Sussex	Hudson	1.25			.02		.26				.36	.04						.15	.65				.45					.02		.64			3.84
Trenton	Delaware	.79			T.		1.50	.20			.22	.06		.06				T.	T.				.22	.01				T.		.24	T.		3.30
Tuckerton	Coast	.97						2.30			.65	1.24		.10										.21				.80	.10	T.	.15		6.52
Vineland	do	.05	.60					1.26			.33	.44		.17						.11				.24					.08		.21		3.49
Woodbine	do	.01	.26					1.08				.94		.13						.10				.33				.01	.20		.23		3.29

TABLE 2.—*Daily precipitation for August, 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.
West Virginia.																																	
Bayard	Potomac	T.					T.	T.				.95	.81	.39					3.00	.03			.20							.13			5.51
Burlington	do																																
Franklin	do																																
Harpers Ferry ‖	do					.05					.22	.44	.62							2.00				.15						T.	.30		3.78
Lost City	do							.10				.20	.92	.09				.97	.44			.20									.10		3.02
Martinsburg	do											.20		.61					T.	.57			1.05										2.43
Moorefield	do	T.				T.		T.			T.	T.	.17	.35				T.	T.				.21	.25						T.		0.98
Romney ‖	do																																
Upper Tract	do						1.20	T.			.25	T.	.53	.20									.50	.15									2.83
Maryland.																																	
Annapolis	Coast		1.05		T.				T.	.01	1.20	.35	.16	.06					T.									.10		.32			3.25
Baltimore	do	2.75					.06	.01		.01	1.19	.11	.13	.08					.44				.26				T.	.07		1.27			6.38
Cambridge	do	1.50			.10		.63					1.25	.12										.09	.17				.06					3.92
Cheltenham	do	1.58			.50		.44			.02		.08	.90	.06					.05				.03	.10				.13					3.89
Chestertown	do	.18	.95					1.35			.06	1.10	.06	T.									T.	.26				T.			.10		4.06
Chewsville	Potomac						.02			.19	.32		.38					T.	.78				1.00							T.			2.69
Clear Spring	do							.05				.17		.40						.58				1.27							T.		2.47
Coleman	do	1.04					1.08				.80		.05	.60					.14				.18					.14		.12			4.15
College Park	do		2.00		.02			.02		.05	1.48		.76	.08	T.				.03				.19				T.		.02	1.27			5.92
Cumberland	do		T.		.09			T.				.10	.80	T.					.66	.50				.09									2.24
Darlington	Coast	.15	.73					1.10			.51	1.32		.04									T.					T.		1.58	.90		6.33
Denton	do	T.	1.70					.44			.65	.14	.14										T.	.17				.04		T.			3.28
Easton	do	.61						.29				.15	.05										.15										1.25
Emmitsburg	Potomac																																
Fallston	Coast	.05	.70		T.		T.	.95		.05	.22	.62	.04	.07					.24				.53	T.				T.		.05	.53		4.05
Frederick	Potomac	T.	.39		T.			.01		.21	.01	.20	.34	.05						.36			.10	.01				.21		.10	T.		1.99
Frostburg	do	.01										.15	1.13	.08						.01			.08										1.46
Great Falls	do	.68	.20					.15				.45	.09	1.00										.30							1.23		4.10
Green Spring Furnace	do											.52								.13			1.00										1.65
Keedysville	do		.05							.20		.23	.37	T.					.60	.15			.75					T.		T.			2.35
Lake Montebello	Coast	.14	.82				.50			.01	.56	.13	.16	.07					.33				.36					.15		.74			3.97
Laurel	do	.07	2.00		.10		T.			.10	1.42	.54	.52	.12					.02				.18	.12				T.		.05	1.63		6.87
Leonardtown	do		.72		T.			.45				.15	.93	.04						.17			.04		.62			.13		T.	.08		3.33
Monrovia	Potomac		.16		T.			T.		.41	.23	.90	.40	.08						.01			.13	.01						.09	.22		2.64
Pocomoke City	Coast		2.65			T.		.80				.13	.13											.27	.30			.23	2.01		T.		6.52
Princess Anne	do		2.00		.07			1.16				.27	.31										.05	.15	.41			1.82					6.24
Rockville	Potomac																																
Salisbury	Coast		1.22		T.			.52				1.00	.10	T.						T.	.02		T.	.12	1.36	.06		T.		T.	T.		4.40
Solomons	do		.81			T.	T.	.46			T.	.08	1.07	.01	T.				T.	T.			T.	.82	.43			.29		T.			3.97
State Sanatorium	Potomac		.35							.35		1.27	.02	.04									1.07										3.10
Sudlersville	Coast	*	1.64					2.25			*	1.71	.03	T.					.10				T.	.10				.07		T.	.15		6.05
Takoma Park	do	.65				.10		.05			.20	.91		.80	T.									.12						.70			3.53
Towson	do	.43	.70				.24	.04		.01	.25		.49	.10					.41				.40	.01				.09		.17	.63		3.97
Van Bibber	do																																
Westernport	Potomac							.03			.04		1.06						.45				.15										1.73
Westminster	Coast																																
Woodstock	do	.15	2.85					.53		.22	.19	1.03	1.80	.07									.04	.21				.15		.20	.21		7.65
Delaware.																																	
Delaware City	Coast	1.41	.34					.64			T.	.58		T.						T.				T.						T.	1.32		4.29
Dover	do	1.10						1.14			1.44		T.	.02					T.				.17					.12			.04		4.03
Milford	do	T.	2.03					.70				.68	.06	.05	T.				.08	.05				.18				.53		.06			4.42
Millsboro	do		1.57		.09			.70				.66	.16	T.					T.	.12			T.	.15	.11			T.					3.56
Seaford	do							.24				1.26	.10						.01	.03	.02		T.	.11				T.	.06	T.			1.83
Wilmington	do	.12							1.40		.20							.03					.35					.10		1.25			3.45
District of Columbia.																																	
Washington	Coast	1.77			T.		.03			T.	.68	.05	.92	.09	T.				.28				.11					.01		1.48			5.42
Virginia.																																	
Culpeper	Rappahannock.				.10								.85	.05									.12										1.12
Dale Enterprise	Shenandoah	.62			.04		T.			.98	.42	.21	.32	.30		.04			.40	.24			.35	.04						.02			3.98
Eastville	Coast				.87															T.			T.	.06	2.60								3.53
Fredericksburg	Rappahannock.		2.71		.25		T.	.05		T.		T.	1.00						.10	T.			.21	.21	.04								4.57
Lincoln	Potomac										.82		.85						.72				.26	.06						1.30			3.96
Mount Weather	do	T.					T.			.14	1.81	T.	.88						.15				.30				.04			.71			4.03
Quantico	do	1.30			.09		.07						.73	.07				.03					.11							.02	.18		2.60
Staunton	Shenandoah	1.05					.07			.56		*	.74	.09					.01	2.42			.14							T.			5.08
Swetnam	Potomac		2.12					.04				.25	.93	.25																	.10		3.69
Warsaw	Rappahannock.			1.05				.35				.16	.65	.10						.15					.15					.35			2.96
Winchester	Potomac	.35										.22	.95							.08			.25							.02			1.87
Woodstock	Shenandoah	.06					T.				T.	.05	.60										.25							.05		.90	1.91

* 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 for August, 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....	64	51	70	49	77	45	68	55	77	51	76	50	78	56	74	60	75	62	80	62	74	60	76	66	78	60	78	64
2....	58	54	78	59	79	63	82	62	75	51	83	63	85	61	89	64	88	69	84	68	81	66	87	70	84	59	87	66
3....	65	51	81	54	83	52	84	63	81	47	84	55	88	53	90	56	89	66	86	55	85	66	88	65	83	57	89	61
4....	60	52	67	56	83	56	69	59	70	53	65	59	70	57	80	59	72	61	76	58	78	63	75	61	82	59	78	63
5....	75	52	72	51	77	50	77	57	75	46	74	52	79	52	84	50	80	59	79	54	76	61	80	58	82	50	80	56
6....	73	52	75	48	78	47	75	58	77	46	77	50	80	52	82	58	82	63	77	52	74	60	76	63	79	51	81	60
7....	70	52	74	50	79	56	74	59	73	51	78	58	79	60	84	63	76	62	80	63	78	63	79	64	78	57	80	64
8....	69	52	79	42	79	48	69	53	82	36	80	51	83	53	87	54	76	58	82	60	76	60	78	57	82	59	84	59
9....	70	52	76	56	79	58	83	60	70	59	83	58	85	62	86	66	85	65	81	59	77	59	84	61	81	62	85	65
10....	85	56	71	55	80	63	84	57	75	54	82	57	83	59	88	63	88	66	89	70	83	69	91	64	89	61	92	64
11....	64	51	65	51	78	51	70	55	66	48	69	52	72	53	78	50	72	57	80	53	69	58	72	56	71	45	76	55
12....	74	50	73	45	79	41	75	53	78	38	75	48	78	45	80	44	75	56	75	47	72	58	75	54	76	54	78	52
13....	69	51	76	45	78	45	67	54	77	45	72	50	74	54	78	54	75	60	75	46	72	57	73	58	70	53	74	60
14....	67	47	76	44	77	43	66	54	81	46	74	50	75	54	79	54	70	60	75	52	71	56	75	57	75	54	78	55
15....	70	47	82	46	79	42	69	52	83	50	82	52	84	49	86	55	77	58	79	50	72	57	76	52	80	55	83	57
16....	74	53	85	54	87	55	82	58	88	61	88	57	93	57	94	57	89	62	83	56	73	57	82	60	88	63	90	62
17....	67	55	89	66	91	64	86	64	84	63	92	64	98	62	97	62	96	68	90	67	76	65	92	66	93	65	96	67
18....	80	55	83	65	93	60	86	62	83	61	90	64	97	66	91	68	91	71	87	69	78	67	88	70	92	67	90	70
19....	70	55	71	50	91	51	73	59	70	48	77	51	81	53	86	57	74	63	74	64	71	62	72	57	80	61	78	61
20....	68	51	69	48	80	40	69	55	72	35	74	49	78	46	83	50	69	58	72	44	70	54	73	54	74	58	78	52
21....	64	48	75	40	76	38	69	50	77	33	76	42	77	43	79	47	70	58	75	40	70	54	72	49	76	49	76	50
22....	66	51	74	47	74	50	66	54	73	48	76	50	78	49	78	50	76	57	73	.....	73	54	74	56	72	50	75	52
23....	62	56	74	57	76	45	72	63	72	54	79	65	81	61	81	61	84	68	78	67	69	66	82	67	78	54	81	67
24....	64	51	74	56	77	53	72	59	74	54	76	60	80	54	83	53	82	63	78	57	74	66	80	62	77	56	81	59
25....	64	51	61	43	78	54	68	54	65	46	64	46	70	49	78	50	75	58	74	54	68	57	76	57	72	50	75	57
26....	62	46	63	32	71	34	71	49	53	33	66	40	80	40	84	41	80	56	75	40	72	60	77	55	78	40	80	49
27....	60	54	73	56	77	58	76	60	70	54	76	56	83	62	84	67	81	67	79	63	76	66	81	64	82	47	79	63
28....	69	54	69	51	78	53	70	60	70	45	70	52	78	59	86	54	74	64	78	54	73	62	82	62	78	56	82	59
29....	62	52	64	41	74	47	68	60	64	36	69	48	75	59	76	64	72	66	69	65	71	65	72	66	72	55	78	64
30....	68	55	75	61	77	62	76	62	75	61	77	56	80	63	82	62	79	66	75	65	72	66	78	66	80	52	82	64
31....	60	54	75	48	80	54	77	60	74	50	77	50	83	55	83	54	84	63	80	.....	75	66	82	60	82	56	84	59
Mns..	67.5	52.0	73.8	50.5	79.5	50.9	74.0	57.4	74.3	48.5	76.8	53.4	80.8	54.8	83.5	56.4	79.2	62.3	78.6	57.0	74.2	61.3	79.0	60.5	79.5	55.3	81.5	59.9

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....	78	66	91	69	79	67	82	66	85	55	80	63	75	65	88	74	88	70	85	68	77	67	.....	.....	.....	.....	82	68
2....	88	66	85	47	85	66	81	59	80	45	81	58	85	69	81	58	84	70	87	70	83	62	.....	.....	.....	.....	86	70
3....	88	64	90	47	90	60	83	55	82	44	86	56	90	69	85	54	90	64	90	71	86	54	.....	.....	.....	.....	83	68
4....	83	63	80	60	76	62	75	57	72	53	77	60	79	67	79	59	82	67	84	70	78	63	.....	.....	.....	.....	85	72
5....	77	57	82	42	79	55	75	48	80	39	80	47	78	64	80	50	81	61	80	65	80	53	.....	.....	.....	.....	76	63
6....	79	59	87	50	78	63	83	61	75	38	82	59	78	66	80	50	82	64	85	66	83	62	.....	.....	.....	.....	80	72
7....	80	65	88	50	85	65	85	60	80	49	87	57	80	65	81	55	84	64	82	67	83	64	.....	.....	.....	.....	77	68
8....	78	62	88	50	87	59	87	60	85	41	90	57	79	68	86	56	82	66	85	68	84	62	.....	.....	.....	.....	79	68
9....	84	69	84	65	89	69	86	71	80	63	85	68	83	67	89	57	87	71	86	69	86	68	.....	.....	.....	.....	80	73
10....	94	74	90	67	88	63	88	60	77	54	80	60	92	71	91	58	94	72	96	69	89	63	.....	.....	.....	.....	89	71
11....	78	58	77	54	75	52	74	51	71	36	78	54	75	60	86	55	76	60	77	64	74	54	.....	.....	.....	.....	73	65
12....	74	57	83	43	78	51	79	49	80	37	79	57	77	63	74	54	71	57	76	60	78	54	.....	.....	.....	.....	75	61
13....	76	59	89	53	75	61	80	60	75	45	80	57	71	65	74	63	71	63	72	66	78	63	.....	.....	.....	.....	73	67
14....	75	60	88	49	83	63	83	58	80	46	90	57	74	64	74	58	79	63	77	66	83	61	.....	.....	.....	.....	75	66
15....	76	59	90	52	85	64	86	62	86	45	79	45	76	64	80	56	81	64	79	66	82	66	.....	.....	.....	.....	75	64
16....	87	63	97	54	92	64	91	64	90	44	92	62	83	64	85	55	88	63	83	66	89	62	.....	.....	.....	.....	77	63
17....	88	68	99	52	97	71	95	66	95	58	92	66	91	68	90	61	94	69	89	68	95	65	.....	.....	.....	.....	80	70
18....	85	72	94	62	95	69	91	65	90	57	92	65	91	72	91	65	96	74	92	73	93	67	.....	.....	.....	.....	81	74
19....	80	61	85	56	81	62	84	59	82	44	87	59	80	65	90	60	85	69	76	66	83	61	.....	.....	.....	.....	74	67
20....	77	57	88	41	80	53	83	47	78	30	81	50	76	64	83	55	79	62	77	62	80	57	.....	.....	.....	.....	73	67
21....	72	53	88	42	78	60	79	56	77	34	82	56	72	63	80	51	76	57	76	62	77	54	.....	.....	.....	.....	71	65
22....	76	56	72	60	74	58	68	60	75	50	71	54	74	62	77	50	68	58	77	60	70	58	.....	.....	.....	.....	76	64
23....	82	67	74	59	78	65	71	58	67	53	71	60	80	67	76	50	80	63	83	69	74	62	.....	.....	.....	.....	82	69
24....	79	60	80	47	82	57	77	51	72	40	78	55	79	64	76	56	81	60	82	66	76	53	.....	.....	.....	.....	77	68
25....	77	60	77	43	74	55	71	49	68	40	86	42	78	60	80	48	78	59	79	61	74	52	.....	.....	.....	.....	73	62
26....	79	58	87	43	82	49	83	47	63	29	74	46	77	60	86	44	85	54	84	60	85	48	.....	.....	.....	.....	76	65
27....	76	65	84	57	83	64	80	60	74	52	76	59	79	69	85	55	86	68	86	71	81	64	.....	.....	.....	.....	78	71
28....	82	61	78	48	77	59	76	53	73	45	75	54	82	64	86	50	84	60	85	68	80	56	.....	.....	.....	.....	78	64
29....	76	65	83	61	81	65	78	61	74	54	79	60	79	68	86	48	85	70	82	66	82	68	.....	.....	.....	.....	79	69
30....	80	65	75	48	79	64	72	55	73	45	73	57	81	66	88	50	82	64	84	68	78	57	.....	.....	.....	.....	80	68
31....	79	60	85	48	78	58	79	49	75	40	79	50	83	68	90	53	87	60	87	67	82	52	.....	.....	.....	.....	77	66
Mns..	80.1	62.2	85.1	52.2	82.0	61.1	80.8	57.3	77.7	45.3	81.5	56.5	79.9	65.5	83.2	55.1	82.8	64.1	82.7	66.4	81.4	59.7	.....	.....	.....	.....	78.1	67.4

TABLE 3.—*Maximum and minimum temperatures for August, 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....	88	72	84	68	76	65	83	68	94	70	88	70	81	72	92	72	96	71	88	65	92	68	95	74	91	69	88	71
2....	89	67	87	64	83	65	85	67	90	67	86	68	84	65	88	68	89	57	84	69	85	66	90	67	84	66	88	66
3....	92	60	90	57	87	58	89	66	91	59	90	67	89	59	91	59	90	55	86	63	91	63	87	62	86	58	88	58
4....	86	68	84	63	82	60	83	67	89	65	86	71	83	65	89	65	87	59	86	63	88	67	87	60	88	62	89	61
5....	84	61	83	54	79	50	81	61	87	59	82	64	81	58	83	57	87	52	81	66	83	62	81	63	81	59	85	56
6....	88	63	86	59	82	54	83	62	87	62	83	70	81	62	87	62	84	56	82	65	84	67	84	64	81	60	86	59
7....	82	65	85	61	83	60	82	65	86	65	83	67	82	61	85	64	82	60	79	62	84	69	79	67	79	60	82	62
8....	86	62	87	62	84	59	84	65	89	62	83	70	80	65	88	62	86	62	81	64	85	65	82	64	81	60	85	60
9....	88	65	88	62	87	67	86	66	95	58	89	72	85	68	90	68	97	64	87	67	89	72	85	67	91	66	93	65
10....	100	72	95	73	95	70	95	72	99	69	98	71	95	66	100	71	97	68	94	73	97	70	95	65	91	65	97	65
11....	77	63	88	58	79	56	78	62	75	64	77	66	77	60	82	63	82	64	78	64	76	60	88	67	80	68	79	61
12....	78	55	82	52	79	49	77	59	70	59	69	63	74	56	72	55	74	58	71	57	66	58	69	60	67	57	68	60
13....	73	64	73	62	73	55	68	62	72	59	72	64	74	58	71	61	72	59	77	65	71	63	74	62	81	59	76	60
14....	80	65	81	61	79	60	75	63	78	63	78	68	79	43	81	64	81	63	78	65	80	68	72	64	79	66	81	64
15....	81	51	81	64	81	61	80	61	84	51	79	65	80	58	85	61	85	61	78	59	81	62	79	61	80	65	85	62
16....	86	57	89	60	89	60	85	62	90	58	85	65	82	58	88	57	91	60	81	56	84	60	82	57	83	64	89	58
17....	90	64	96	65	96	64	90	66	94	61	90	67	82	62	92	64	95	59	86	62	90	65	89	60	88	60	93	68
18....	89	69	97	68	97	66	94	71	97	69	92	71	90	68	96	69	94	66	86	69	90	69	84	65	90	65	95	67
19....	80	69	85	68	82	64	78	63	87	68	82	68	82	69	88	69	88	66	82	58	82	68	84	72	86	67	86	69
20....	79	58	82	56	80	51	76	59	85	59	79	64	79	58	81	59	83	58	78	66	79	63	78	63	78	61	83	59
21....	78	52	81	52	76	52	75	57	80	53	75	59	75	53	79	50	80	53	76	54	77	54	76	56	83	57	83	53
22....	71	54	75	51	71	47	76	55	74	59	78	62	76	55	73	56	71	59	81	53	77	61	78	55	78	58	74	60
23....	86	68	82	64	81	63	81	66	80	60	84	69	.....	.....	85	61	82	58	83	69	83	67	81	66	82	62	85	62
24....	86	62	82	56	80	51	81	62	82	59	83	66	.....	.....	84	60	82	52	82	67	81	62	81	62	81	57	85	58
25....	80	57	79	55	78	53	78	59	80	58	80	64	.....	.....	81	55	88	50	78	61	79	61	79	62	81	53	86	52
26....	86	50	86	47	83	44	82	57	89	55	86	62	88	51	90	52	91	48	84	53	88	59	86	57	86	58	91	55
27....	90	69	87	65	84	64	86	68	89	53	90	71	89	65	92	65	89	56	88	70	93	69	90	66	88	66	93	61
28....	89	59	84	56	82	53	83	62	88	58	84	66	84	58	90	55	90	52	85	65	87	63	89	62	88	61	94	54
29....	86	69	84	65	81	62	82	68	86	69	86	66	83	65	86	67	93	50	90	73	87	67	89	62	81	72	87	70
30....	88	66	85	63	82	60	84	66	89	60	86	68	83	64	87	62	86	50	86	69	86	67	85	63	81	61	88	59
31....	90	62	86	58	84	56	87	63	88	56	86	66	84	58	91	58	90	49	88	61	88	63	87	59	86	53	90	55
Mns..	84.7	62.5	85.0	60.3	82.4	58.0	82.2	63.5	85.9	60.9	83.5	66.8	82.2[a]	60.7[c]	86.0	61.6	86.5	57.9	82.7	63.6	84.0	64.5	83.4	63.0	82.5	61.8	86.2	61.0

[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.