Climatological Data for August, 1910.

DISTRICT No. 1, NORTH ATLANTIC STATES.

WILFORD M. WILSON, District Editor.

GENERAL SUMMARY.

The principal features of the weather for August, 1910, were the prevalence of moderate temperature during almost the entire month with no marked periods of extreme heat, and a wide-spread deficiency in rainfall, prolonging, in many sections, the serious drought conditions that developed during the preceding month. The chief region thus affected includes an extensive area in southeastern New York and small parts of adjacent States, where the rainfall of both July and August approached the lowest of record for many years. In most parts of the district the weather was somewhat cooler than usual, and, as compared with that in recent years, the range in temperature was moderate. During the coolest period, which occurred between the 27th and 31st, light frosts were observed in some exposed localities as far south as New Jersey and Pennsylvania, but, so far as could be ascertained, there was no great damage, and freezing temperatures occurred only in very limited sections.

TEMPERATURE.

The average temperature for the district was nearly 68°, which is only about 1° below the normal. The deficiency was by no means uniform over the district, varying from an average of 1.7° in Virginia to 0.4° in New York, while the departures at individual stations ranged from −4.4° at Annapolis, Md., to +3.8° at Cortland, N. Y. The highest mean temperature reported in the district was 75.8° at Cambridge, Md., and the lowest, 57.0° at Lake Pleasant, N. Y.

The month opened with cool weather over most of the district, but this was followed by a rise in temperature that was quite rapid in the southern sections, as shown by the fact that at several stations in Maryland and Virginia the lowest temperature of the month was observed on the 1st and the highest about the 3d. Throughout Pennsylvania and that part of the district farther south, the chief warm period of the month occurred at this time, and the highest temperatures were generally observed on the 2d or 3d, while at most stations in the northern sections the warmest weather occurred on or about the 14th or 25th. It is worthy of note that the maximum temperatures of the month were, as a rule, lower than those usually observed in August. In New York, to illustrate, temperatures of 90° or above were observed at only 8 stations as compared with 30 in the same month last year. It is also true that the number of days with excessive heat was comparatively small.

Almost the entire month comprised successions of warmer and cooler periods of ordinary character varying in length from 3 to 8 days. With the exception of the rapid rise in temperature previously noted, between the 1st and 3d, there were none but gradual changes until after the culmination of the last warm period, about the 25th or 26th, when, closely following a strong barometric depression, an extensive high area advanced over the district covering that part of the country until the last day of the month. This condition produced the only cool period of importance, though, as compared with other years, the minimum temperatures at most stations were not unusually low. However, at Harrisburg, Pa., the minimum of 49° on the 27th was the lowest for August in the history (23 years) of the station. The lowest temperature reported in the district was 29° at Woodstock, Vt., on the 27th, while the record for August, 1909, shows a minimum of 20° at Indian Lake, N. Y. No damage from freezing was reported, though frosts were observed at some points in Maine, New Hampshire, Vermont, New York, Pennsylvania, and New Jersey.

PRECIPITATION.

The average precipitation for the district was about 2.89 inches, which is slightly less than the average for August, 1909. The rainfall of the month was generally below normal, and there was a deficiency of 2 inches or more over about one-third of the area of the district. The distribution was remarkably irregular as illustrated by the fact that the records of 38 stations show an excess of rainfall, as compared with the normal, while a deficiency appears for 143 stations. In parts of several different States the total precipitation was considerably less than 1 inch, while in many other localities it amounted to more than 6 inches, in some instances, even exceeding 9 inches. The heaviest rainfall in the district occurred over that part of Maryland lying between Chesapeake Bay and the Atlantic Ocean. At Princess Anne, Md., a total of 12.63 inches was recorded. The least rainfall appears to have occurred over the upper Potomac watershed in Virginia and West Virginia, the total for the month at Stephens City, Va., being 0.34 inch and that for Harpers Ferry, W. Va., 0.90 inch. At other stations in the region the precipitation was close to the lowest of record for August.

The most serious drought conditions, however, developed in central Maryland, southeastern New York, northeastern Pennsylvania, and northern New Jersey, owing to the great deficiency in rainfall in those regions in both July and August. These conditions have caused serious injury to pastures and greatly retarded the growth of some crops, while streams have reached unusually low stages.

The latter part of the month was especially dry, particularly after the 19th, when the rainfall was generally light and of much less frequent occurrence. In much of southeastern New York and in some adjacent sections of Massachusetts, Connecticut, and in New Jersey, there were no very effective rains later in the month than the 11th.

The first noteworthy storm that affected the district came on the 4th and caused heavy and some excessive rainfall north of the latitude of Massachusetts, but comparatively little farther south. This was attended by destructive winds and lightning, which caused damage in and near the upper Hudson Valley, amounting to many thousands of dollars. Several persons were killed by lightning and a number of others were injured. From the 8th to the 10th a storm moved northeastward along the coast region and heavy rains resulted over most of the district, except at some interior stations.

An exceptionally severe hailstorm occurred on the 11th in Prince Georges County, Md. According to reports by witnesses of the storm, the hailstones were unusually large and destructive. In some places corn, tobacco, sugar cane, tomatoes, and fruits were so damaged as to be practically worthless. Birds, chickens, and even pigs, are reported to have been killed by the hail. Ex-Sheriff Hurd is quoted as follows in press dispatches of August 11:

> The hailstorm last night was the worst I have ever seen in Maryland. Within a radius of 5 miles from my house it totally destroyed about 600 acres of corn, about 900,000 plants of tobacco, many acres of vegetables of all kinds, peaches, apples, and all other kinds of fruit. Tons of hail were lying in ditches adjacent to fields this morning as late as 11 o'clock.

At Princess Anne, Md., on the same date there occurred the extraordinary rainfall of 7.19 inches between 6:30 p. m. and 10:30 p. m.

No unusual phenomena occurred in connection with the storms that came later in the month. Showers occurred frequently from the 15th to the 19th, especially in the southern part of the district, those of the 18th and 19th being compara-

tively heavy at most stations. Moderate showers were quite general on the 26th; and on the 31st scattered showers covered most of New England and parts of some other States.

RIVER CONDITIONS.

Over the northern part of the district the rivers and streams remained at moderate stages during most of the month, the gage readings averaging from about 1 to 4 feet higher than in August of the last 2 or 3 years. Owing to heavy rains that fell over the slopes of the Adirondack region during much of the month, the streams of that section were relatively high from the 6th to the 22d. Throughout the rest of the district, however, the rivers remained considerably below their usual stages, being generally somewhat lower than in 1907 and 1908, when there was a remarkable deficiency in the rainfall. In New Jersey, and some parts of Maryland, however, there was a considerable swell in the streams from the 9th to the 12th, resulting from heavy rains that occurred near that time. As a rule, the lowest stages of streams in all parts of the district occurred at the last of the month.

SUNSHINE.

The average percentage of possible sunshine for the district was about 58, and varied from 47 over central Connecticut to 66 at most stations along the Atlantic coast. There was an average of 9 days with 80 per cent or more, and of 5 with 20 per cent or less. The total hours of sunshine for the month averaged 247 and ranged from 202 at Hartford, Conn., to 285 at Eastport, Me. As compared with July, the sunshine of August shows a decided falling off, the decrease amounting to 11 per cent.

MISCELLANEOUS.

An earthquake shock of unusual force was felt in southwestern New Hampshire on August 30 at 9:05 a. m. The following information regarding it was obtained from Mr. Frank Dewing, cooperative observer at Alstead Center, N. H.:

> It was felt in this and adjoining towns, shaking dishes from shelves, rattling windows, and jarring the ground so that poultry ran to shelter. An iron bridge, some 70 feet long, across Cold River at Alstead village, was observed to shake and rattle as if a team were crossing. There was first a loud rumbling as though from the north, the house was jarred, and the noise continued for some 10 seconds, gradually passing southward and the noise diminishing. It has been 15 or 20 years since the last occurrence of the kind in this vicinity. A gentleman who has lived in California says it was an earthquake, such as he has experienced there.

TABLE 1.—*Climatological data for August, 1910. District No. 1, North Atlantic States.*

Stations.	Counties.	Elevation, feet.	Length of record, yrs.	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, .01 inch or more.	Sky. Number of clear days.	Number of partly cloudy days.	Number of cloudy days.	Prevailing wind direction.	Observers.
Maine.																				
Bar Harbor	Hancock	20	24	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Wm. Miller.
Cornish	York	778	55	65.8	− 0.4	90	14	38	27	40	3.53	− 0.92	2.40	0.0	6	14	12	5	nw.	T. H. West.
Eastport	Washington	53	38	60.8	+ 1.1	82	13	47	31	26	1.44	− 1.82	0.80	0.0	6	12	10	9	s.	U. S. Weather Bureau.
Ellsworth	Hancock	.....	0	63.4	.....	83	14	39	31	40	4.08	.....	2.00	0.0	9	12	6	13	s.	S. P. Sutton.
Fairfield	Somerset	90	25	65.4	− 2.0	84	13	43	27	32	4.46	+ 1.08	2.42	0.0	7	16	4	11	.....	Edward F. Parker.
Farmington	Franklin	450	13	63.5	− 1.2	85	25	38	30†	37	3.94	+ 0.26	1.66	0.0	8	16	9	6	s.	State Normal School.
Gardiner	Kennebec	163	18	65.8	− 2.6	87	14	42	27	36	4.53	+ 2.69	2.42	0.0	7	17	8	6	sw.	Samuel D. Soule.
Greenville	Piscataquis	1,000	6	61.6	.....	83	25	38	31	34	3.69	.....	1.04	0.0	14	.....	.....	.....	.....	U. S. Weather Bureau.
Houlton	Aroostook	362	8	63.8	.....	86	25	35	30	40	1.07	.....	0.42	0.0	6	27	2	2	nw.	Bangor & Aroostook R. R.
Lewiston	Androscoggin	185	36	67.2	+ 0.1	90	14	47	27†	34	4.81	+ 1.50	3.31	0.0	5	15	9	7	s.	Union Water Power Co.
Madison	Somerset	257	7	64.0	.....	99	26	39	27†	41	3.69	.....	2.12	0.0	9	20	4	7	s.	Wm. Jardine.
Millinocket	Penobscot	386	7	65.4	.....	87	13	37	31	38	2.39	.....	0.82	0.0	8	7	7	17	sw.	H. S. Ferguson.
North Bridgton	Cumberland	450	17	66.2	− 1.0	88	14†	46	27†	37	5.72	+ 2.85	3.28	0.0	6	7	20	4	sw.	G. E. Chadbourne.
Orono	Penobscot	129	41	65.0	− 0.5	85	14	36	30	39	3.72	+ 0.21	1.20	0.0	11	17	7	7	sw.	Agricultural Exp. Station.
Patten	...do	550	8	61.9[d]	.....	85	25	35	27	41	2.28	.....	0.61	0.0	8	15[d]	9[d]	3[d]	w.	Bangor & Aroostook R. R.
Portland	Cumberland	99	39	64.4	− 1.8	85	26	48	31	31	2.79	− 0.78	0.72	0.0	8	12	11	8	s.	U. S. Weather Bureau.
Presque Isle	Aroostook	.....	0	63.2	.....	85	25	31	30	39	0.93	.....	0.33	0.0	6	15	10	6	s.	San Lorenzo Merriman.
Rumford Falls	Oxford	505	17	64.0	− 1.7	84	24†	42	30	33	3.51	+ 0.44	2.18	0.0	7	20	7	4	nw.	Chas. A. Mixer.
Winslow	Kennebec	90	15	64.6	.....	88	21	38	30	37	5.52	.....	3.25	0.0	9	13	13	5	w.	Hollingsw'th & Whitney Co.
New Hampshire.																				
Alstead Center	Cheshire	1,120	6	64.4	.....	82	14	44	27	32	2.29	.....	1.22	0.0	8	22	4	5	sw.	Frank Dewing.
Benton	Grafton	.....	0	62.0	.....	81	13†	40	30	32	4.94	.....	2.00	0.0	10	16	14	1	nw.	N. H. State Sanatorium.
Bethlehem	...do	1,470	18	62.4	− 1.8	82	25	38	27†	33	5.72	+ 1.80	3.02	0.0	10	16	9	6	nw.	Benjamin Tucker.
Concord	Merrimack	350	50	65.6	− 1.0	87	14	42	27	36	1.49	− 2.25	0.73	0.0	9	10	14	7	se.	U. S. Weather Bureau.
Durham	Stafford	88	15	65.6	− 2.4	89	14†	38	27†	43	3.02	− 0.06	1.44	0.0	7	18	7	6	sc.	Agricultural Exp. Station.
Franklin	Merrimack	440	11	65.7	.....	88	13†	41	27	40	4.34	.....	2.07	0.0	10	17	11	3	sw.	Dr. C. P. Webster.
Grafton	Grafton	863	24	62.7	− 2.0	85	14†	34	27	42	3.76	− 0.51	1.65	0.0	7	17	10	4	w.	Perley R. Kimball.
Hanover	...do	603	76	65.0	− 1.1	88	15	36	27	40	3.91	+ 0.52	2.94	0.0	5	3	16	12	s.	Dartmouth College.
Keene	Cheshire	506	25	65.4	− 0.8	87	25	36	27	44	1.41	− 2.77	0.78	0.0	5	15	11	5	sc.	Samuel Wadsworth.
Nashua	Hillsboro	125	25	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Jackson Company.
Newton	Rockingham	.....	22	63.7	− 3.3	85	14	36	27†	37	2.47	− 0.68	1.04	0.0	5	15	15	1	sw.	W. C. Gale.
Plymouth	Grafton	500	22	64.0	− 1.7	85	13	38	30	38	3.79	− 0.72	2.35	0.0	7	18	3	10	w.	Mrs. Hattie G. Trow.
Vermont.																				
Bloomfield	Essex	.....	3	62.0	.....	83	13	35	30	38	3.72	.....	1.45	0.0	13	15	12	4	s.	Lyman Falls L. and P. Co.
Cavendish	Windsor	910	7	64.3	.....	89	14	36	27	44	3.68	.....	1.30	0.0	7	23[a]	2[a]	5[a]	w.	Miss M. A. Kingsbury.
Chelsea	Orange	830	15	61.6	− 2.3	84	14†	33	30	41	2.96	− 0.31	1.50	0.0	8	11	9	11	s.	W. F. Dewey.
Jacksonville	Windham	1,000	25	60.0	− 3.1	81	14	32	25†	44	2.00	− 2.66	1.00	0.0	4	29	1	1	nw.	Miss Martha French.
Manchester	Bennington	980	11	62.9	.....	81	25	37	27	31	3.37	.....	1.12	0.0	4	11	14	6	sw.	N. M. Canfield.
St. Johnsbury	Caledonia	711	17	64.8	+ 0.4	85	15†	37	30	38	4.53	+ 0.70	1.00	0.0	13	11	9	11	se.	Fairbanks Museum.
Woodstock	Windsor	700	18	63.0	− 2.3	85	15	29	27	41	4.12	+ 0.58	2.22	0.0	6	12	6	13	.....	John S. Eaton.
Massachusetts.																				
Amherst	Hampshire	222	21	67.2	− 1.0	86	14	41	27	36	4.03	− 0.24	1.75	0.0	7	19	11	1	sw.	Agricultural Exp. Station.
Blue Hill	Norfolk	640	26	67.6	+ 0.2	85	14†	50	27	26	1.05	− 3.02	0.36	0.0	9	7	14	10	s.	Blue Hill Observatory.
Boston	Suffolk	124	40	68.8	− 0.1	88	14	54	31	24	0.98	− 3.05	0.43	0.0	7	8	8	15	sw.	U. S. Weather Bureau.
Chestnut Hill	...do	124	30	69.4	− 0.2	91	13	44	27†	33	1.18	− 3.10	0.50	0.0	6	23	0	8	.....	Metropolitan Water Board.
Clinton	Worcester	370	14	66.6	.....	82	25	46	26	31	4.07	.....	1.69	0.0	7	.....	.....	.....	.....	Do.
Concord	Middlesex	139	20	65.1	− 3.2	86	14†	39	31	37	2.22	− 1.90	0.67	0.0	9	11	13	7	s.	Fred. A. Tower.
Fall River	Bristol	200	44	68.7	− 1.5	82	3	52	31	21	3.66	− 0.47	0.95	0.0	10	12	17	2	sw.	C. V. S. Remington.
Fitchburg	Worcester	550	27	67.6	− 0.7	89	13	42	27	34	3.57	− 1.23	1.23	0.0	7	19	8	4	w.	Dr. A. P. Mason.
Framingham	Middlesex	160	30	67.5	− 1.3	87	25	41	31	35	2.26	− 1.81	1.08	0.0	7	.....	.....	.....	.....	Metropolitan Water Board.
Hyannis	Barnstable	31	19	67.2	− 4.1	79	13†	45	31	23	3.17	− 0.06	0.87	0.0	10	18	9	4	sw.	C. F. Sleeper.
Lawrence	Essex	51	26	67.2	− 2.4	86	14	45	31	33	2.67	− 1.35	1.04	0.0	4	6	24	1	w.	Essex Company.
Lowell	Middlesex	100	25	69.2	− 0.2	86	14	46	31	34	3.21	− 1.05	1.15	0.0	5	.....	.....	.....	.....	Prop's Locks and Canals.
Middleboro	Plymouth	53	24	65.2	− 2.3	83	13	36	31	38	1.59	− 2.05	0.60	0.0	8	5	13	13	sw.	A. R. Gurney.
Monson	Hampden	420	26	65.3	− 2.4	82	14†	41	27	30	4.00	− 0.04	1.30	0.0	8	22	7	2	se.	Dr. G. E. Fuller.
Nantucket	Nantucket	15	24	66.8	− 1.2	79	14	51	31	16	2.67	− 0.39	1.39	0.0	10	15	8	8	sw.	U. S. Weather Bureau.
New Bedford	Bristol	88	98	68.4	+ 0.1	82	8	51	31	21	2.01	− 2.25	0.98	0.0	8	22	4	5	sw.	City Engineer.
Norfolk	Norfolk	244	7	66.5	.....	87	9†	34	27	40	0.83	.....	0.33	0.0	4	18	9	4	sw.	Miss Ruby H. Martyn.
Northampton	Hampshire	205	2	66.6	.....	85	14†	39	28	39	3.52	.....	1.45	0.0	4	17	4	10	nw.	D. E. Hoxie.
Plymouth	Plymouth	.....	25	65.5	.....	82	27	45	31	29	2.56	.....	0.73	0.0	6	17	10	4	w.	Miss Laura B. Knapp.
Provincetown	Barnstable	40	23	67.0	− 2.2	80	14	48	31	20	4.42	+ 1.24	1.42	0.0	6	19	0	12	sw.	Gideon Bowley.
Rockport	Essex	25	8	64.8	.....	81	24	49	31	22	2.45	.....	1.22	0.0	4	15	6	10	sw.	C. F. B. Bearse.
Rutland	Worcester	1,160	8	65.5	.....	81	14†	48	26	26	4.23	.....	1.67	0.0	7	15	5	11	sw.	State Sanatorium.
South Egremont	Berkshire	764	8	63.2	.....	82	25	40	27†	34	4.15	.....	1.48	0.0	6	.....	.....	.....	sc.	Roscoe C. Taft.
Turners Falls	Franklin	200	19	67.7	+ 0.1	80	25	48	27	29	1.68	− 1.42	0.65	0.0	4	.....	.....	.....	.....	Turners Falls Co.
Westboro	Worcester	298	36	68.6	− 1.1	87	14	41	27†	38	3.78	− 0.35	1.55	0.0	9	.....	.....	.....	.....	G. S. Newcomb.
Williamstown	Berkshire	711	19	65.4	.....	83	25	43	28†	34	2.01	.....	0.80	0.0	4	15	10	6	s.	Williams College.
Worcester	Worcester	518	18	68.5	− 0.4	85	25	52	27	23	3.61	+ 0.19	0.79	0.0	8	12	8	11	sw.	G. W. Swan.
Rhode Island.																				
Block Island	Newport	26	30	68.2	− 0.5	80	13	57	31	16	2.34	− 1.14	1.43	0.0	9	18	5	8	sw.	U. S. Weather Bureau.
Bristol	Bristol	53	24	67.4	− 1.9	77	12†	51	31	18	2.58	− 1.10	0.84	0.0	10	.....	.....	.....	.....	N. G. Herreshoff.
Kingston	Washington	250	21	66.6	− 2.0	83	13†	47	31	32	3.96	− 0.14	1.00	0.0	9	11	13	7	sw.	Nathaniel Helme.
Narragansett Pier	Newport	22	28	66.0	− 2.9	80	13	47	31	25	2.58	− 1.47	0.75	0.0	10	17	8	6	s.	U. S. Weather Bureau.
Providence	Providence	182	6	67.8	− 3.2	84	24†	47	31	23	2.62	− 1.41	0.65	0.0	11	5	18	8	sw.	Do.
Connecticut.																				
Bridgeport	Fairfield	20	17	69.8	.....	87	25	50	27†	30	2.32	.....	1.33	0.0	10	12	15	4	sw.	William Jennings.
Canton	Hartford	900	49	65.0	− 2.8	82	25	43	27	30	3.68	− 1.35	2.52	0.0	5	15	8	8	nw.	G. J. Case.
Colchester	New London	370	24	66.4	− 2.7	85	12	42	27†	33	1.94	− 2.42	0.64	0.0	8	15	8	8	w.	S. P. Willard.
Cream Hill	Litchfield	1,300	14	64.8	− 1.8	83	14	43	27	32	5.24	+ 0.67	2.00	0.0	7	15	6	10	sw.	C. L. Gold.
Danielson	Windham	300	8	66.5	.....	85	25	41	27	35	1.37	.....	0.62	0.0	7	16	10	5	e.	F. E. Bitgood.
Hartford	Hartford	159	6	68.8	− 1.0	84	14	48	27	29	2.98	− 1.58	1.55	0.0	10	4	13	14	.....	U. S. Weather Bureau.
Hawleyville	Fairfield	600	12	66.9	− 1.5	82	3†	44	27†	36	4.59	− 0.36	1.45	0.0	7	14	10	7	w.	Edson N. Hawley.
New Haven	New Haven	107	123	69.2	− 0.9	84	25	50	27	22	3.21	− 1.78	1.04	0.0	12	11	13	7	s.	U. S. Weather Bureau.
New London	New London	47	40	69.7	− 0.1	85	5†	48	31	31	2.15	− 2.42	0.76	0.0	7	14	12	5	sw.	Thos. C. Dillon.
North Grosvenordale	Windham	400	20	67.1	− 2.1	85	25	41	26	39	1.32	− 2.25	0.52	0.0	4	13	13	5	sw.	Grosvenor Dale Co.
Norwalk	Fairfield	116	20	68.6	− 1.4	87	25	46	28	33	1.36	− 2.35	0.64	0.0	8	10	18	3	sw.	Geo. C. Comstock.
Southington	Hartford	140	41	67.0	− 2.1	84	25	42	28	35	3.05	− 1.50	1.40	0.0	7	4	23	4	s.	Luman Andrews.
Storrs	Tolland	640	22	66.5	− 1.1	83	25	46	27†	32	1.99	− 1.84	0.62	0.0	5	15	9	7	s.	Agricultural Exp. Station.
Voluntown	New London	260	25	65.8	− 2.7	82	7†	39	31	35	3.31	− 1.06	1.20	0.0	8	18	3	10	se.	F. S. Bitgood.
Waterbury	New Haven	400	35	68.9	− 0.7	85	11†	44	28	35	3.16	− 0.81	1.35	0.0	8	.....	.....	.....	.....	N. J. Welton.
New York.																				
Addison	Steuben	1,000	20	69.6	+ 1.0	95	15	41	27	43	2.07	− 1.31	0.66	0.0	9	20	9	2	sw.	H. R. Ainsworth.
Albany	Albany	97	89	69.6	+ 0.1	86	25	47	27	28	1.38	− 2.58	0.54	0.0	6	10	17	4	s.	U. S. Weather Bureau.
Alfred	Allegany	.....	15	65.2	− 0.3	88	16	38	27	36	2.55	− 1.12	0.93	0.0	9	.....	.....	.....	.....	F. S. Place.
Amsterdam	Montgomery	277	6	67.2	.....	89	25	41	27	37	1.36	.....	0.30	0.0	8	22	4	5	e.	Emery Elwood.
Athens	Greene	90	8	69.3	.....	88	24	46	27	32	3.35	.....	1.32	0.0	6	14	13	4	sw.	E. C. Brooks.
Ballston Lake	Saratoga	400	6	66.6	.....	87	25	40	28	39	1.68	.....	0.64	0.0	6	14	10	7	s.	Geo. R. Schauber.

TABLE 1.—*Climatological data for August, 1910. District No. 1*—Continued.

Stations.	Counties.	Elevation, feet.	Length of record, yrs.	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, .01 inch or more.	Sky. Number of clear days.	Number of partly cloudy days.	Number of cloudy days.	Prevailing wind direction.	Observers.
New York—Cont'd.																				
Bedford	Westchester	450	19	70.7	+ 0.9	88	14†	46	29	36	2.44	− 2.67	0.76	0.0	11	23	6	2	.....	Dr. L. Rosenberg.
Binghamton	Broome	875	19	66.2	− 1.3	88	4	40	27	36	1.10	− 2.25	0.46	0.0	5	11	9	11	e.	U. S. Weather Bureau.
Bouckville	Madison	1,350	13	65.5	0.0	85	3†	39	27	33	3.35	− 0.22	0.95	0.0	9	8	15	8	sw.	L. W. Griswold.
Boyds Corners	Putnam	560	28	.....	.....	.....	.....	.....	.....	.....	3.03	− 1.93	.....	.....	.....	.....	.....	.....	.....	Thomas Manning.
Carmel	...do	500	18	67.6	− 2.3	86	28	46	28	40	3.48	− 1.81	1.58	0.0	6	13	6	12	se.	Do.
Chatham	Columbia	470	9	67.8	.....	86	14†	42	27	32	2.97	.....	1.24	0.0	6	19	7	5	s.	Morton R. Tank.
Cooperstown	Otsego	1,250	56	65.8	+ 0.4	84	15†	38	27	35	2.34	− 2.21	0.72	0.0	8	15	11	5	s.	Elizabeth C. Keese.
Corinth	Saratoga	542	8	.....	.....	.....	.....	.....	.....	.....	3.32	.....	1.00	0.0	5	.....	.....	.....	.....	A. M. Hollister.
Cortland	Cortland	1,129	48	68.8	+ 3.8	88	15†	39	27	35	1.59	− 2.21	0.46	0.0	5	21	7	3	s.	F. G. Baker.
Cutchogue	Suffolk	32	33	69.2	− 1.2	83	13	50	31	29	2.48	− 1.19	0.80	0.0	9	11	17	3	sw.	Wm. A. Fleet
De Ruyter	Madison	1,300	7	66.7	.....	87	4†	36	27	40	3.55	.....	0.90	0.0	10	17	6	8	s.	B. D. Crandall.
Easton	Washington	.....	20	.....	.....	.....	.....	.....	.....	.....	3.45	− 1.36	1.65	0.0	3	.....	.....	.....	.....	H. Taber.
Elmira	Chemung	863	31	70.6	+ 1.5	93	14	41	27	41	1.60	− 1.64	0.61	0.0	5	10	16	5	se.	Gerity Bros.
Fort Hunter	Montgomery	280	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	C. E. Wing.
Fort Plain	...do	316	6	68.4	.....	89	25	44	27	36	1.97	.....	0.38	0.0	8	18	9	4	w.	Abram Devendorf.
Glens Falls	Warren	340	19	67.8	+ 0.3	87	13†	40	27	36	4.72	+ 0.85	2.37	0.0	5	12	9	10	w.	Prof. C. L. Williams.
Gloversville	Fulton	850	18	65.2	+ 0.1	87	25	37	27	39	1.01	− 3.04	0.46	0.0	5	16	10	5	w.	W. L. McLean.
Greenfield Center	Saratoga	314	12	66.8	− 0.8	85	13	41	27	35	2.84	− 1.33	0.94	0.0	6	20	7	4	s.	S. E. Darrow.
Greenwich	Washington	425	13	69.4	+ 2.0	90	25	42	27	37	2.70	− 0.97	0.85	0.0	6	14	16	1	w.	Homer J. Whitcomb.
Griffin Corners	Delaware	2,260	10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Kelsey H. Kelly.
Haskinville	Steuben	.....	15	.....	.....	.....	.....	.....	.....	.....	2.85	− 0.45	1.35	0.0	5	.....	.....	.....	.....	W. G. Collins.
Homer	Cortland	.....	2	65.5	.....	87	4	37	27	36	2.31	.....	0.83	0.0	7	12	12	7	nw.	Charles C. Mortimer.
Hoosick Falls	Rensselaer	410	8	.....	.....	.....	.....	.....	.....	.....	2.32	.....	1.15	0.0	5	24	3	4	s.	Sanford L. Cluett.
Indian Lake	Hamilton	1,705	11	61.9	− 0.3	89	14	32	30	42	5.64	+ 2.21	2.00	0.0	7	15	8	8	n.	Lester Severie.
Jeffersonville	Sullivan	1,240	7	63.9	.....	88	4	35	27	43	2.63	.....	1.30	0.0	6	17	12	2	w.	Chas. Wilfert, Jr.
Lake Pleasant	Hamilton	.....	3	57.0	.....	78	25	39	27	27	4.80	.....	2.30	0.0	8	.....	.....	.....	.....	Willet Lawrence.
Liberty	Sullivan	2 300	28	63.7	− 0.7	82	5†	43	27†	32	1.04	− 3.25	0.45	0.0	5	21	5	5	se.	Dr. H. M. King.
Little Falls	Herkimer	924	12	66.8	− 0.1	86	13†	42[e]	27	31[e]	3.04	− 0.69	0.93	0.0	8	19	8	4	w.	O. J. Dempster.
Mohonk Lake	Ulster	1,245	14	66.2	− 0.9	82	2†	46	27	28	6.39	+ 1.33	3.54	0.0	8	13	8	10	sw.	Albert K. Smiley.
Morehouseville	Hamilton	1,697	2	61.6	.....	84	15	35	27	38	6.02	.....	2.40	0.0	10	9	12	10	w.	Theodore C. Remonda.
Mount Hope	Westchester	200	13	68.5	− 2.0	90	25	45	27	33	1.63	− 3.68	0.60	0.0	5	2	14	15	.....	Wm. A. Cornelius.
Newark Valley	Tioga	825	23	.....	.....	.....	.....	.....	.....	.....	1.22	− 3.13	0.60	0.0	6	24	2	5	.....	M. D. Clinton.
New Berlin	Chenango	.....	3	.....	.....	.....	.....	.....	.....	.....	2.54	.....	0.91	0.0	8	12	8	11	s.	Roger Greene.
New Lisbon	Otsego	1 234	20	63.0	− 0.6	87	4	34	27	43	2.56	− 2.07	0.74	0.0	9	13	9	9	s.	G. A. Yates.
New York City	New York	314	85	72.2	0.0	85	25	57	27	18	2.13	− 2.40	0.80	0.0	12	7	11	13	s.	U. S. Weather Bureau.
North Creek	Warren	1,002	2	65.4	.....	90	13	41	19	31	4.74	.....	2.90	0.0	8	14	11	6	.....	W. G. Kenwell.
Northville	Fulton	742	8	.....	.....	.....	.....	.....	.....	.....	2.46	.....	0.76	0.0	6	.....	.....	.....	.....	P. C. Pickard.
Norwich	Chenango	1,015	4	63.0[d]	.....	87	4	40	12†	38[d]	2.68	.....	0.90	0.0	8	.....	.....	.....	.....	P. L. Clark.
Oneonta	Otsego	1,112	16	67.9	+ 0.2	89	4	39	27	40	1.46	− 3.46	0.50	0.0	8	20	4	7	sw.	H. W. Lee.
Oxford	Chenango	916	45	66.0	+ 0.4	85	15	42	27†	34	2.14	− 1.97	1.44	0.0	4	9	17	5	w.	John P. Davis.
Port Jervis	Orange	470	26	68.9	− 0.2	90	14	42	27	37	4.73	+ 0.31	1.10	0.0	12	12	10	9	sw.	Prof. John M. Dolph.
Salisbury	Herkimer	1,526	13	64.1	− 0.8	86	15†	36	27	37	2.91	− 2.22	1.25	0.0	9	18	7	6	w.	Joseph Ryan.
Salisbury Mills	Orange	314	11	66.8	.....	88	25	37	28	43	2.32	− 2.50	1.45	0.0	5	17	6	8	w.	H. P. Ramsdell.
Scarsdale	Westchester	200	6	66.2	.....	86	14†	48	28	28	1.77	.....	0.80	0.0	7	15	13	3	ne.	C. H. Wilmarth.
Setauket	Suffolk	40	25	70.0	− 0.6	86	25	53	28†	24	0.89	− 3.41	0.15	0.0	10	13	9	9	s.	Selah B. Strong.
Sherburne	Chenango	.....	3	.....	.....	.....	.....	.....	.....	.....	3.09	.....	0.98	0.0	6	.....	.....	.....	.....	E. B. Collins.
Southampton	Suffolk	36	9	68.8	.....	81	13†	50	28†	23	1.47	.....	0.37	0.0	10	17	12	2	ne.	W. L. Jagger.
Southeast Reservoir	Putnam	310	15	.....	.....	.....	.....	.....	.....	.....	3.34	− 1.85	.....	.....	.....	.....	.....	.....	.....	Thomas Manning
Spier Falls	Saratoga	400	9	66.6	.....	85	15	41	27	36	3.93	.....	2.31	0.0	4	21	7	3	sw.	W. F. Anderson.
Trenton Falls	Oneida	751	7	.....	.....	.....	.....	.....	.....	.....	4.20	.....	1.37	0.0	8	.....	.....	.....	.....	C. W. Young.
Tribeshill	Montgomery	268	7	.....	.....	.....	.....	.....	.....	.....	1.40	.....	0.40	0.0	6	.....	.....	.....	.....	R. S. Marshall.
Utica	Oneida	537	44	.....	.....	.....	.....	.....	.....	.....	2.95	− 0.69	0.87	0.0	7	.....	.....	.....	.....	W. E. Young.
Wading River	Suffolk	112	4	68.8	.....	84	3†	45	28†	33	1.98	.....	1.29	0.0	11	17	5	9	sw.	H. B. Fullerton.
Wappingers Falls	Dutchess	110	20	67.4	− 2.9	82	3†	48	27	27	5.93	+ 1.22	2.06	0.0	8	13	15	3	se.	H. C. Townsend.
Warwick	Orange	538	16	.....	.....	.....	.....	.....	.....	.....	1.82	− 2.52	0.50	0.0	6	.....	.....	.....	.....	John W. Sly.
Waverly	Tioga	824	28	67.8	+ 0.4	91	4	36	28	47	1.23	− 2.20	0.35	0.0	7	9	11	11	s.	Hon. J. F. Shoemaker.
West Berne	Albany	946	11	63.4	− 3.6	90	4	35	27	44	1.52	− 2.34	0.72	0.0	4	8	9	14	se.	W. J. Haverly.
West Point	Orange	167	61	70.2	− 2.0	85	12†	52	28	29	2.81	− 2.03	1.65	0.0	9	10	10	11	se.	Maj. Chas. M. Gandy.
Windham	Greene	1,520	10	61.2	− 3.2	84	14	36	27	40	2.32	− 1.60	0.88	0.0	4	14	14	3	sw.	A. R. Mott.
Pennsylvania.																				
Altoona	Blair	1,181	22	71.2	+ 1.9	91	4	46	27	30	2.10	− 1.43	1.20	0.0	6	.....	.....	.....	.....	C. W. Billin.
Bethlehem	Northampton	260	1	72.4	.....	88	3†	49	28	29	2.78	.....	1.06	0.0	8	16	0	15	se.	Prof. E. C. Roest.
Clearfield	Clearfield	1,107	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Raymond C. Ogden.
Emporium	Cameron	1,050	22	67.5	− 0.7	86	3†	42	27†	34	1.97	− 1.76	0.78	0.0	5	13	14	4	e.	T. B. Lloyd.
Ephrata	Lancaster	384	11	70.2	− 1.7	90	3	44	27	34	4.61	− 0.03	1.58	0.0	9	14	7	10	w.	W. L. Frantz.
Everett	Bedford	1,080	13	69.2	− 0.3	92	3	42	27†	38	1.58	− 3.20	0.92	0.0	4	3	26	2	w.	B. L. Steckman.
George School	Bucks	184	4	69.6[d]	.....	88	3	46[b]	27	31[b]	5.37	.....	1.13	0.0	13	14	5	12	s.	Prof. A. C. Smedley.
Gettysburg	Adams	600	36	71.9	+ 0.5	95	3	44	27	40	1.51	− 2.21	0.66	0.0	6	10	14	7	n.	Col. E. B. Cope.
Gordon	Schuylkill	804	7	68.1	.....	91	3	38	27	39	4.12	.....	1.49	0.0	6	9	16	6	w.	Capt. J. G. Johnson.
Hamburg	Berks	380	19	70.4	− 1.8	91	3	45	28	36	2.41	− 2.99	1.12	0.0	4	16	11	4	se.	W. J. Kalbach.
Harrisburg	Dauphin	361	22	71.9	− 0.7	91	3	49	27	28	2.21	− 1.64	0.77	0.0	9	7	12	12	e.	U. S. Weather Bureau.
Huntingdon	Huntingdon	650	22	70.1	− 0.4	95	3	43	27	42	3.24	− 0.77	1.06	0.0	5	14	13	4	e.	Prof. W. J. Swigart.
Hyndman	Bedford	977	4	70.6	.....	94	3	40	27	48	2.59	.....	0.90	0.0	6	10	16	5	se.	H. C. Mauk.
Lawrenceville	Tioga	1,006	13	69.0	− 1.4	93	15	40	27†	44	2.30	− 1.11	0.60	0.0	7	21	4	6	.....	C. P. Darling.
Lebanon	Lebanon	458	22	72.4	+ 0.6	92	3	50	27†	40	2.94	− 1.75	1.20	0.0	5	10	9	12	se.	G. W. Hayes, C. E.
Lock Haven	Clinton	560	22	70.9	− 0.1	93	3	42	29	45	1.93	− 2.35	0.80	0.0	4	11	15	5	w.	Prof. J. A. Robb.
Marion	Franklin	640	7	72.7	.....	98	3	44	27	41	1.41	.....	0.50	0.0	5	20	6	5	.....	Hon. C. B. Hege.
Mauch Chunk	Carbon	634	21	68.6	− 1.7	88	4	42	27†	38	4.00	− 0.73	1.66	0.0	9	9	15	7	w.	F. C. Wintermute.
Mifflintown	Juniata	445	7	69.8	.....	90	3†	41	28	39	2.40	.....	0.90	0.0	4	17	6	8	w.	Wellington Smith.
Milford	Pike	455	8	67.3	.....	87	3†	38	27	39	4.76	.....	1.21	0.0	11	9	20	2	se.	Mrs. Alla Doughty.
Montrose	Susquehanna	1,658	7	66.4	.....	91	4	37	27	41	1.71	.....	0.60	0.0	5	.....	.....	.....	.....	J. R. Beebe.
Muncy Valley	Sullivan	519	1	68.0	.....	89	4	43	26	33	2.73	.....	1.36	0.0	4	24	0	7	.....	F. W. Buck.
New Germantown	Perry	873	7	69.4	.....	93	3	40	27†	40	1.53	.....	1.00	0.0	4	21	3	7	w.	Ed. C. Johnston.
Philadelphia (1)	Philadelphia	117	40	73.2	− 0.6	86	25	57	27	19	5.72	+ 1.11	1.72	0.0	11	5	10	16	se.	U. S. Weather Bureau.
Pocono Lake	Monroe	1,662	9	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Pocono Lake Ice Co.
Reading	Berks	280	37	71.8	− 0.9	88	3	45	27	31	2.90	− 1.58	1.02	0.0	9	.....	.....	.....	.....	Franklin Yeager.
Scranton	Lackawanna	805	10	68.6	− 0.7	90	4	44	27	33	2.51	− 1.18	0.94	0.0	6	5	12	14	s.	U. S. Weather Bureau.
Selinsgrove	Snyder	455	22	70.9	− 0.6	91	3	41	27	40	2.59	− 1.93	0.73	0.0	7	0	22	9	se.	J. M. Boyer, C. E.
State College	Center	1,191	22	67.5	− 1.2	88	3	42	27	38	2.07	− 1.90	0.78	0.0	6	.....	.....	.....	s.	Prof. Wm. Frear.
Towanda	Bradford	754	16	67.8	− 0.7	90	4	41	27	37	2.08	− 1.52	0.94	0.0	5	15	11	5	sw.	Hiram E. Bull, C. E.
Wellsboro	Tioga	1,327	33	66.8	+ 1.2	90	15	39	1†	42	2.47	− 1.03	1.26	0.0	6	14	12	5	sw.	O. L. White.
West Chester	Chester	455	55	71.5	− 0.4	87	3	51	27	25	6.46	+ 1.93	1.63	0.0	11	11	8	12	s.	J. C. Green, D. D. S.
Williamsport	Lycoming	530	20	70.4	+ 0.2	89	3†	44	27	33	1.49	− 2.57	0.67	0.0	3	16	9	6	se.	Henry H. Guise.
New Jersey.																				
Asbury Park	Monmouth	22	22	70.3	− 2.2	85	6	58	21†	20	4.97	− 0.17	1.38	0.0	10	10	9	12	e.	B. H. Obert.
Atlantic City	Atlantic	16	37	72.1	− 0.5	86	6	58	27	20	1.84	− 2.46	1.02	0.0	5	9	8	14	s.	U. S. Weather Bureau.
Bayonne	Hudson	50	20	71.4	− 1.5	89	25	50	27	26	1.83	− 3.28	0.50	0.0	12	11	11	9	se.	J. H. Eadie.

TABLE 1.—*Climatological data for August, 1910. District No. 1*—Continued.

Stations.	Counties.	Elevation, feet.	Length of record, yrs.	Temperature, in degrees Fahrenheit.							Precipitation, in inches.				Number of rainy days, .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.		
New Jersey—Cont'd.																				
Belvidere	Warren	289	19	68.9	− 1.9	86	4	44	27	34	3.07	− 1.74	0.89	0.0	7	9	10	12	.....	S. J. Hixson.
Bergen Point	Hudson	37	13	71.0	− 0.7	87	25	50	28	27	2.53	− 2.53	0.59	0.0	11	7	11	13	se.	Dr. W. H. Mitchell.
Boonton	Morris	413	20	.....	.....	.....	.....	.....	.....	.....	2.93	− 2.46	1.32	0.0	9	.....	.....	.....	.....	Foster Peer.
Bridgeton	Cumberland	30	29	72.5	− 2.1	89	3	54	27	28	5.43	+ 1.04	2.15	0.0	12	11	5	15	ne.	H. A. Jorden.
Burlington	Burlington	12	26	.....	.....	.....	.....	.....	.....	.....	5.36	− 0.25	1.14	0.0	10	.....	.....	.....	.....	D. S. B. McCoy.
Canton	Salem	24	16	.....	.....	.....	.....	.....	.....	.....	3.41	− 1.84	2.06	0.0	9	10	7	14	.....	J. H. Maskell.
Cape May City	Cape May	17	26	72.8	− 0.6	86	5	58	27	22	3.90	− 0.36	1.67	0.0	13	8	21	2	se.	U. S. Weather Bureau.
Charlotteburg	Passaic	719	18	66.6	− 1.3	85	12	38	28	38	2.87	− 1.51	1.60	0.0	8	7	13	11	se.	G. S. Briggs.
Chatham	Morris	234	8	.....	.....	.....	.....	.....	.....	.....	4.07	.....	1.20	0.0	11	.....	.....	.....	.....	M. A. Butler.
Clayton	Gloucester	126	17	71.9	− 1.6	90	3	51	27	29	3.39	− 1.12	0.71	0.0	11	10	11	10	sw.	W. T. Farley.
College Farm	Middlesex	100	15	70.5	− 0.8	86	1†	48	27	32	6.29	+ 1.01	3.02	0.0	12	8	12	11	se.	G. B. Thrasher.
Culver's Lake	Sussex	848	9	.....	.....	.....	.....	.....	.....	.....	2.61	.....	0.80	0.0	7	9	8	14	s.	B. E. Riker.
Dover	Morris	575	26	66.2	− 3.0	83	4	42	27	33	3.20	− 1.80	1.59	0.0	9	9	12	10	.....	W. C. Harris.
Elizabeth	Union	33	31	71.6	− 1.9	86	12	52	27	28[b]	1.79	− 2.75	0.52	0.0	11	10	8	13	s.	W. M. Oliver.
Flemington	Hunterdon	187	22	70.6	− 1.2	89	13	44	27	36	3.82	− 0.59	1.26	0.0	11	8	10	13	e.	H. E. Deats.
Haddonfield	Camden	75	16	71.3	− 1.5	86	3†	50	27	28	8.46	+ 3.87	2.31	0.0	11	7	11	13	s.	C. F. Richardson.
Hammonton	Atlantic	80	12	.....	.....	.....	.....	.....	.....	.....	4.91	− 0.15	1.39	0.0	9	.....	.....	.....	.....	Orville Bassett.
Hightstown	Mercer	85	18	70.6	− 1.3	91	3	46	27	36	5.09	+ 0.32	1.53	0.0	9	8	11	12	ne.	Ernst Wenger.
Imlaystown	Monmouth	106	24	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Dr. F. C. Price.
Indian Mills	Burlington	76	21	70.5	− 2.6	90	3	50	21	35	4.85	− 0.32	1.18	0.0	10	9	10	12	se.	James Armstrong.
Jersey City	Hudson	15	12	72.6	− 0.7	90	25	53	27	23	1.81	− 2.84	0.73	0.0	12	10	11	10	se.	S. K. Pearson, jr.
Lakewood	Ocean	54	8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	H. R. Major.
Lambertville	Hunterdon	95	24	70.2	− 2.2	89	3	44	27	33	4.39	− 0.37	1.21	0.0	9	8	11	12	sw.	W. R. Bowne.
Layton	Sussex	550	11	66.4	− 2.0	88	3	36[c]	27	44[c]	2.90	− 0.74	0.90	0.0	6	10	10	11	sw.	W. C. Hursh.
Little Falls	Passaic	175	7	.....	.....	.....	.....	.....	.....	.....	2.02	.....	0.80	0.0	9	.....	.....	.....	.....	A. Sweetman.
Long Branch	Monmouth	30	3	70.6	.....	85	4	54	21	24	3.77	.....	1.52	0.0	9	10	9	12	se.	B. B. Bobbit.
Mahwah	Bergen	312	8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	C. L. Barker.
Moorestown	Burlington	71	48	71.2	− 1.3	89	4	50	27	27	6.08	+ 1.34	1.65	0.0	10	7	12	12	s.	J. C. Beans.
Newark	Essex	140	67	71.0	− 1.4	88	25	50	27	27	2.73	− 2.51	1.15	0.0	11	9	11	11	se.	Prof. Wm. Wiener.
New Brunswick	Middlesex	61	57	70.4	− 2.0	90	1†	45	27	40[e]	3.64	− 1.45	1.25	0.0	9	9	11	11	.....	W. T. Woerner.
Newton	Sussex	678	31	68.4	− 1.4	87	24	39	27	43	2.91	− 1.50	0.78	0.0	8	10	6	15	s.	B. H. Kienbaum.
Northfield	Atlantic	.....	3	.....	.....	.....	.....	.....	.....	.....	2.41	.....	1.09	0.0	9	.....	.....	.....	.....	W. L. Flick.
Paterson	Passaic	110	39	70.0	− 2.0	87	25	49	27	31	1.76	− 3.37	0.90	0.0	8	8	10	13	s.	H. A. Probert.
Phillipsburg	Warren	196	13	70.4	− 1.4	90	2†	46	27	35	2.84	− 1.50	0.87	0.0	11	8	12	11	s.	D. W. Smith
Plainfield	Union	100	24	70.4	− 0.8	87	3†	47	27	34	4.94	+ 0.07	2.75	0.0	12	7	13	11	ne.	John Neagle.
Pleasantville	Atlantic	26	12	.....	.....	.....	.....	.....	.....	.....	3.17	− 1.52	1.66	0.0	9	10	7	14	.....	L. Van Gilder.
Pompton Plains	Morris	195	8	.....	.....	.....	.....	.....	.....	.....	2.59	.....	1.54	0.0	8	.....	.....	.....	.....	M. S. Taylor.
Rancocas	Burlington	68	47	.....	.....	.....	.....	.....	.....	.....	5.30	+ 0.26	1.28	0.0	8	10	5	16	sw.	Spencer Haines.
Rivervale	Bergen	70	19	67.4[b]	− 2.2	89	4	44[m]	28	37[m]	2.01	− 2.25	.....	0.0	8	.....	.....	.....	sw.	G. S. M. Holdrum.
Somerville	Somerset	76	27	71.2	− 0.3	88	1†	45	27	36	5.25	+ 0.54	2.62	0.0	11	10	8	13	se.	P. Hardcastle.
South Orange	Essex	200	40	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Dr. W. J. Chandler.
Sussex	Sussex	442	20	68.6	− 1.0	86	4	42	27	35	2.52	− 1.80	0.97	0.0	7	10	10	11	sw.	Prof. W. H. Seeley.
Trenton	Mercer	60	38	72.6	− 1.1	92	3	51	27†	32	.....	.....	.....	0.0	10	7	11	13	sw.	Paul H. Wendel.
Tuckerton	Ocean	23	17	70.9	− 1.8	88	6	50	21	35	4.13	− 1.65	1.82	0.0	8	8	10	13	sw.	F. R. Austin.
Vineland	Cumberland	118	41	71.6	− 2.0	88	3†	52	27	32	4.78	− 0.11	1.78	0.0	8	10	10	11	se.	Alfred Chalmers.
Woodbine	Cape May	43	19	71.5	− 1.2	87	4†	51	21	32	4.54	+ 0.24	2.53	0.0	12	.....	.....	.....	.....	Prof. H. A. Dodge.
West Virginia.																				
Bayard	Grant	2,500	8	65.8	.....	90	3	40	7†	44	1.21	.....	0.63	0.0	7	16	11	4	w.	Solomon Clark.
Burlington	Mineral	875	15	70.8	− 0.7	92	3	43	27	39[c]	2.84	− 0.82	1.30	0.0	7	14[c]	12[c]	5[c]	w.	J. W. Vandiver.
Franklin	Pendleton	.....	3	67.8	.....	89	14	47	7	37[c]	3.32	.....	1.20	0.0	4	22[c]	4[c]	2[c]	.....	A. A. Martin.
Lost City	Hardy	.....	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	B. D. Hinegardner.
Martinsburg	Berkeley	435	19	73.0	0.0	95	3	46	27	36	1.06	− 2.58	0.37	0.0	5	18	9	4	se.	G. W. Van Metre, C. E.
Moorefield	Hardy	900	14	71.8	− 0.7	97	5	43	28	45	0.84	− 2.83	0.25	0.0	4	7	23	1	sw.	John C. Fisher.
Romney	Hampshire	824	14	71.6	− 1.3	96	3	43	27	42[c]	1.51	− 2.19	0.45	0.0	6	16[c]	11[c]	1[c]	w.	John C. Linthicum.
Upper Tract	Pendleton	1,230	12	70.2	− 1.3	92	3	46	7†	43[b]	1.16	− 3.34	0.45	0.0	3	5	21	5	w.	J. M. Mallow.
Maryland.																				
Annapolis	Anne Arundel	45	32	72.2	− 4.4	89	24	62	27	21	2.03	− 2.84	0.90	0.0	6	19	5	7	se.	W. M. Abbott.
Bachmans Valley	Carroll	860	17	72.0	+ 0.6	92	3	47	27	37	1.45	− 3.76	0.55	0.0	7	19	10	2	s.	Elmer E. Yingling.
Baltimore	Baltimore	115	40	74.4	− 0.3	90	3	57	27	22	1.37	− 2.84	0.49	0.0	11	6	12	13	s.	U. S. Weather Bureau.
Cambridge	Dorchester	25	12	75.8	− 0.5	93	3	58	21†	30	3.98	− 0.56	1.64	0.0	10	12	6	13	se.	T. E. Keenan.
Cheltenham	Prince George	230	10	73.0	.....	90	3	56	1†	32	1.69	.....	0.60	0.0	11	9	12	10	nw.	J. E. Burbank.
Chestertown	Kent	80	25	73.4	− 0.2	91	3	55	27	25	4.21	− 0.53	1.60	0.0	11	11	7	13	s.	M. W. Thomas.
Chewsville	Washington	530	13	72.3	+ 0.1	93	3	47	27	36	1.23	− 2.60	0.35	0.0	8	8	22	1	se.	D. Paul Oswald.
Clear Spring	...do	650	13	73.5	+ 1.9	90	3†	49	1	36	1.75	− 2.78	0.67	0.0	10	11	18	2	sw.	W. W. Frantz.
Coleman	Kent	80	12	73.6	.....	92	3	56	27	29	3.48	− 0.68	1.40	0.0	8	13	8	10	sw.	J. S. Harris.
College Park	Prince George	170	20	73.4	− 0.2	92	3	50	20	38	1.59	− 2.49	0.45	0.0	10	17	12	2	se.	Prof. H. J. Patterson.
Cumberland	Allegany	700	36	.....	.....	.....	.....	.....	.....	.....	1.34	− 1.95	0.50	0.0	7	.....	.....	.....	.....	J. W. Frantz.
Darlington	Harford	300	18	71.2	− 1.3	88	6	51	27†	31	1.99	− 2.63	0.96	0.0	6	13	9	9	s.	Prof. A. F. Galbreath.
Denton	Caroline	42	15	72.4	− 1.2	89	3	53	31	32	4.68	+ 1.12	1.30	0.0	9	15	7	9	se.	H. B. Mason.
Easton	Talbot	35	19	72.0	− 2.4	89	3	56	27	27	3.82	+ 0.06	1.10	0.0	12	12	7	12	sw.	Henry Shreve.
Emmitsburg	Frederick	720	37	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Jno. H. Eckenrode.
Fallston	Harford	450	40	71.3	− 0.7	87	3†	50	27	29	2.49	− 2.35	1.20	0.0	10	1	25	5	s.	J. H. Curtiss.
Frederick	Frederick	275	33	74.7	+ 1.1	95	25	49	27	35	0.54	− 2.73	0.30	0.0	6	12	10	9	.....	Henry Trail.
Frostburg	Allegany	1,929	9	69.9	.....	92	3	41	27	36	1.64	.....	0.63	0.0	10	17	8	6	.....	L. B. Abbott.
Great Falls	Montgomery	200	19	73.2	− 0.9	92	3	52	20	35	1.34	− 2.13	0.43	0.0	7	13	16	2	nw.	J. W. Bissett.
Green Spring Furnace	Washington	450	18	73.3	− 0.3	94	3	45	27	37	1.59	− 2.69	0.82	0.0	5	20	6	5	se.	E. G. Kinsell.
Keedysville	...do	400	6	73.6	.....	95	3	44	27	37	1.06	.....	0.47	0.0	8	18	8	5	s.	J. A. Miller.
Lake Montebello	Baltimore	.....	1	.....	.....	.....	.....	.....	.....	.....	1.63	.....	0.59	0.0	10	10	8	13	e.	Martin L. Dobler.
La Plata	Charles	190	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Prof. R. H. Lee Reich.
Laurel	Prince George	150	16	72.0	− 2.0	93	2	52	20	37	1.94	− 2.62	0.52	0.0	6	4	25	2	.....	Dr. T. M. Baldwin.
Monrovia	Frederick	630	23	72.7	− 0.6	92	3	48	27	31	1.84	− 2.74	1.43	0.0	9	11	11	9	s.	J. H. Lawson.
Pocomoke City	Worcester	37	17	75.0	− 1.0	95	25	60	21	26	9.23	+ 5.24	1.75	0.0	14	15	8	8	e.	Hon. R. M. Stevenson.
Porto Bello	St. Mary	38	5	75.2	.....	90	4†	62	7	25	2.75	.....	1.05	0.0	4	16	7	8	se.	Alpheus Hyatt.
Princess Anne	Somerset	17	17	72.3	− 1.4	86	3	55	1	29	12.63	+ 7.58	7.19	0.0	13	2	18	11	sw.	Jas. R. Stewart.
Rockville	Montgomery	421	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Dr. Geo. E. Lewis.
Salisbury	Wicomico	23	5	73.4[e]	.....	91	3	55	1†	33[e]	8.29	.....	1.52	0.0	15	9	19	3	e.	W. E. Downing.
Sanatorium	Frederick	1,200	2	70.6	.....	90	3	50	26	32[a]	1.87	.....	0.51	0.0	8	16[a]	6[a]	8[a]	se.	Dr. W. M. Garrison.
Solomons	Calvert	20	19	75.4	− 1.8	90	6	61	27	23	4.56	+ 0.55	2.21	0.0	11	0	11	20	se.	Dr. W. H. Marsh.
Sudlersville	Queen Anne	65	11	72.8	− 0.9	93	3	54	27	34	2.78	− 0.54	0.69	0.0	13	14	10	7	e.	Jas. E. Higman.
Takoma Park	Montgomery	320	12	71.4	− 1.8	88	3†	56	27	27	1.93	− 3.30	0.49	0.0	7	10	9	12	.....	L. M. Moores.
Taneytown	Carroll	450	11	71.4	.....	92	3	45	27	38	3.95	− 0.07	3.26	0.0	6	26	2	3	se.	R. A. Nusbaum.
Towson	Baltimore	465	2	72.0	.....	90	3	50	27	32	1.14	.....	0.45	0.0	9	16	8	7	se.	C. W. E. Treadwell.
Van Bibber	Harford	100	13	70.8	− 2.8	89	3†	52	20	31	3.65	− 1.48	1.52	0.0	9	8	16	7	se.	W. Benj. Ford.
Westernport	Allegany	1,000	16	71.5	0.0	94	3	45	28	41	1.18	− 2.23	0.48	0.0	7	.....	.....	.....	.....	Prof. O. H. Bruce.
Woodstock	Baltimore	392	36	73.8	+ 1.5	91	3	54	20†	31	0.90	− 3.24	0.38	0.0	9	14	13	4	se.	Rev. A. J. Donlon, S. J.
Delaware.																				
Delaware City	New Castle	20	8	72.2	.....	86	3†	51	20	26	3.16	.....	0.63	0.0	9	21	2	8	s.	H. Morton Price.

TABLE 1.—*Climatological data for August, 1910. District No. 1*—Continued.

Stations.	Counties.	Elevation, feet.	Length of record, yrs.	Temperature, in degrees Fahrenheit.							Precipitation, in inches.				Number of rainy days, .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.		
Delaware—Cont'd.																				
Dover	Kent	40	22	74.1	− 0.7	92	3†	55	20	35	2.19	− 1.91	0.65	0.0	7	8	11	12	e.	Thos. F. Dunn.
Milford	....do	30	26	74.0	− 0.8	89	3†	53	21	28	3.10	− 0.44	1.69	0.0	14	12	7	12	e.	C. J. Holsmueller.
Millsboro	Sussex	20	18	72.0	− 2.5	91	6	58	1†	29	4.23	− 0.85	1.20	0.0	12	17	2	12	sw.	Rev. L. W. Wells.
Seaford	....do	40	17	72.0	− 2.5	89	3	56	21	25	3.92	− 0.10	1.10	0.0	12	17	7	7	s.	E. B. Brown.
District of Columbia.																				
Washington	District of Columbia	112	40	73.8	− 0.7	90	3	58	27	29	1.26	− 3.14	0.48	0.0	11	11	10	10	ne.	U. S. Weather Bureau.
Virginia.																				
Culpeper	Culpeper	450	2	72.4	.....	89	4	55	7	32	3.09	.....	1.78	0.0	8	7	20	4	s.	Col. H. C. Burrows.
Dale Enterprise	Rockingham	1,350	30	70.1	− 2.2	89	6	46	7	41	4.61	+ 0.49	1.20	0.0	12	4	25	2	s.	Rev. L. J. Heatwole.
Doswell	Hanover	134	9	74.4	.....	94	3	56	7	37	2.37	.....	1.00	0.0	9	....	....	....	w.	Rich., Fdksbg. & Pot. R. R.
Eastville	Northampton	15	....	74.4	.....	91	4	59	1	26	6.42	.....	2.00	0.0	13	15	5	11	se.	Thos. B. Robertson.
Fredericksburg	Spottsylvania	100	21	73.8	− 1.9	93	3	57	1	32	5.17	+ 0.62	1.85	0.0	11	9	15	7	se.	S. G. Howison.
Lincoln	Loudoun	500	9	73.8	.....	96	2†	45	27	47	0.96	.....	0.48	0.0	4	6	21	4	sw.	Dr. Geo. Roberts.
Mount Weather	Loudoun	1,726	6	68.5	− 0.6	83	3	52	27	21	1.91	− 1.71	0.52	0.0	12	11	13	7	se.	U. S. Weather Bureau.
Quantico	Prince William	16	13	72.0	− 2.6	91	2†	49	21	33	2.49	.....	2.20	0.0	3	....	....	....	nw.	Rich., Fdksbg. & Pot. R. R.
Staunton§§	Augusta	1,380	18	71.0	− 2.3	89	3	53	7	33	3.48	− 0.44	1.61	0.0	12	7	17	7	sw.	Ernest Nothnagel.
Stephens City	Frederick	710	18	72.2	− 2.0	94	3	45	27	39	0.34	− 3.48	0.13	0.0	4	14	9	8	se.	B. T. Argenbright.
Warsaw	Richmond	160	18	74.4	− 1.4	92	2	56	20	30	6.17	+ 1.85	1.65	0.0	14	0	28	3	ne.	C. H. Constable.
Woodstock	Shenandoah	927	14	73.2	− 0.7	95	3†	48	28	41	0.93	− 3.12	0.27	0.0	10	15	14	2	w.	Miss A. G. Miley.

[a], [b], [c], etc., indicate, respectively, 1, 2, 3, etc., days missing from the record.
● Precipitation included in that of the next measurement.
** Temperature extremes are from observed readings of the dry bulb; means are computed from observed readings.
† Also on other dates.
‡ Separate dates of falls not recorded.
§ Data are from standard instruments not supplied by the U. S. Weather Bureau.
§§ Instruments are read in the morning; the maximum temperature then read is charged to the preceding day, on which it almost always occurs.
‖ Estimated by observer.
‖‖ 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 2.—*Daily precipitation for August, 1910. District No. 1, North Atlantic States.*

Stations.	River basins.	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.																																	
Bar Harbor	Coast																																
Cornish	Saco		.13		2.40						.17					.18				.60												.05	3.53
Danforth	Penobscot		.20	.05	.43	.40	.15	.05			T.									.65							T.						1.93
Eastport	Coast				.80		T.				.02	.04	.01			.01				.56										T.			1.44
Ellsworth	...do				.21	2.00	.08					.02	.05				.74			.85	.11							.02					4.08
Fairfield	Kennebec		.18		2.42	.09						.54				.69				.48							.06						4.46
Farmington	...do		.08	T.	1.66	.10					T.	.18				1.17	.23			.45												.07	3.94
Gardiner	...do		.41		2.42	.63						.15					.19			.71												.02	4.53
Greenville	...do	.04	.46		1.04	T.	.06	.18	T.		.06	.56			.04	.44			.40	.20							.04		T.	.06		.11	3.69
Houlton	St. John		.15		.20	.10	.10			.10										.42													1.07
Lewiston	Androscoggin		.35		3.31							.08				.45				.62													4.81
Madison	Kennebec	.02	.12		2.12		.03					.15				*	.60			.58												.07	3.69
Millinocket	Penobscot	T.		.31	.16	.83	.16		T.				.09				.22			.55								T.		.07			2.39
North Bridgeton	Saco		.62		3.28							.24				.98				.50												.10	5.72
Orono	Penobscot		.30		.50		.70												.90								.20					.10	2.70
Oquossoc	Androscoggin		.04	.30	1.06	1.20	.24					.04	.05				.06			.57							.12					.04	3.72
Patten	Penobscot		.50	.02	.60	.22	.16					.09	.08							.61													2.28
Portland	Coast		.72		.53		T.	T.			.02	.59				.20			.03	.66												.04	2.79
Presque Isle	St. John				.15	.15	.15					.10	.05						.33														0.93
Rumford Falls	Androscoggin		T.		2.18		T.				.25	.02				.48			.18	.25												.15	3.51
The Forks	Kennebec		.20		T.		.15				.30	.25				.20			.45	.10											.20		1.85
Winslow	...do			.05	3.25					.11		.73				.38	.10			.65							.15					.10	5.52
New Hampshire.																																	
Alstead Center	Connecticut		.12		1.22	.07					.22	.25					.01			.38												.02	2.29
Benton	...do		.38		2.00	.02	.01	.02			.44	.01				1.08			.50													.48	4.94
Bethlehem	...do		.26		3.02		T.	.05			.24	.20				.79	.31		T.	.46							.23					.16	5.72
Brookline	Merrimac		.10	.25	1.00			.02			.65	.15								.45							T.						2.62
Concord	...do		.06		.36			.02			.24	.03				.04	.01		.02	.71												T.	1.49
Durham	Coast		.58	.04	1.44		.01					.56			.02					.37													3.02
Franklin	Merrimac		.32	.02	.50	.13	T.				.17	.20				.08	1.99			.90												.03	4.34
Grafton	...do		.07		1.65			T.			.16	.48				.55				.70												.15	3.76
Hanover	Connecticut		.17	T.	2.94			T.	T.			.45	T.	T.	T.	T.				.08		T.	T.		T.	T.		T.	T.	T.	T.	.27	3.91
Keene	...do		.01	T.	.78						.13	.24								.25												T.	1.41
Nashua	Merrimac																																
Newton	...do		T.	.07	1.04		T.				T.	.68					.16			.52												T.	2.47
Plymouth	...do		.13		2.35	.12					.18	T.					.63	T.		.30												.08	3.79
Vermont.																																	
Bloomfield	Connecticut	.02	1.45		.58	.05	.12	.01			.17	.26	.01			.25				.41							.14					.25	3.72
Cavendish	...do	T.	T.		1.30		.10	T.			.27	.16				.82	.17			.86												T.	3.68
Chelsea	...do	.04	.20		1.50			T.			.20	.35				.45			T.	.12												.10	2.96
Jacksonville	...do				.90						1.00	T.																			.06	.05	2.00
Manchester	Hudson		.71		.86		T.				.68									1.12							T.					T.	3.37
St. Johnsbury	Connecticut	T.	.04		.96	.07	.06	.03			.11	.92	.20			1.00	.29		T.	.35							.40					.10	4.53
Vernon	...do		.02	.03	1.00						.45								.49	.07												.07	2.13
Woodstock	...do		T.		2.22						.47	.18			.62				.22													.41	4.12
Massachusetts.																																	
Amherst	Connecticut		.05		1.72	.03					1.02	.22							.11	.88							T.						4.03
Ashland	Merrimac		.01		.33						*	1.59					.10			.53							.29			.01			2.86
Bakers Bridge	...do				.33	.27						.51	.21							.67							T.						1.99
Bedford	...do		.06		.51	.19	T.	T.		T.	.02	.55				.10	.02			.72							T.						2.17
Blue Hill	Coast				.06	.05					.01	.35	.02			T.	.01	T.		.36							.01		T.	.18			1.05
Boston	...do		.01		.02						T.	.41				.01	.02			.43							.08			T.			0.98
Chestnut Hill	...do				.13						.19	.09							.50	.03							.24						1.18
Clinton	Merrimac		.04		.60						T.	2.69				*	.14			.58							.02						4.07
Concord	...do		.04	.06	.17	.33					.01	.54	.30			T.	.10			.67							T.			T.			2.22
Fall River	Coast		.95		.17						.15	.41				.25	.45			.60							.02		.33	.33			3.66
Fitchburg	Merrimac		.01		.84	.20					.20	1.23								1.03							T.					.06	3.57
Framingham	...do				.38						*	1.08					.08			.57							.13			.02			2.26
Haverhill	...do		.48		.45	.20					.01	.96	.03				.04			.55												T.	2.72
Hingham	Coast		T.		T.							.60							.73								T.		.37				1.70
Hyannis	...do		.01		.75							.54				*	.87			.30							.08		.06	.54	.02		3.17
Jefferson	Merrimac		.55		.54							1.72				.27	.29			.55							.06						3.98
Lake Cochituate	...do				.27						*	.60				.06				.52							.13						1.58
Lawrence	...do		T.	T.	.69						T.	.93					.01			1.04							T.					T.	2.67
Leominster	...do		T.	.01	.82	.03					.20	2.32				T.	.04			.64							.02					.01	4.09
Lowell	...do		.01		.89							1.15				.22				.94													3.21
Middleboro	Coast		T.		.14						.35	.04				.07	.16			.23							T.		*	.60			1.59
Monson	Connecticut		.02		.76	.05					.15	1.15				1.10				.75							.02						4.00
Nantucket	Coast		T.	T.	.60	.01					.02	.20				.94	.45			.12							.03		.13	.17			2.67
New Bedford	...do		.05		.05							.27				*	.98			.36								*	.30				2.01
Norfolk	...do		T.		T.			T.				.08				.14			T.	.28				T.						.33			0.83
Northampton	Connecticut		.05		1.45						1.28									.74							T.						3.52
Plymouth	Coast				.38							.54					.69			*	.22						T.			.73			2.56
Princeton	Merrimac		.07		*	.64					*	1.88					.15			.61							.10						3.45
Provincetown	Coast					1.08						1.42					.96			.15							.08		.73				4.42
Rockport	...do					.10						1.02					.13			1.00													2.45
Rutland	Connecticut		.71	T.	.60						*	1.92				.15			.70							.15							4.23
Somerset	Coast		.42		.27						.64	.04				*	.39			.33							T.		.71				2.80
South Egremont	Housatonic	.08	.27		1.28			.04			1.00								1.48														4.15
Spot Pond	Coast		.02		.15						.24	.06				.02			.61	.09													1.19
Sterling	Merrimac		.06		.52						1.54	.89					.05			.66							.19						3.91
Taunton	Coast		T.		.15			T.			*	1.11				*	.16			.26							T.		*	.62			2.30
Turners Falls	Connecticut		T.	.10	.65							.58								.35							T.						1.63
Westboro	Merrimac		.02		*	.61					*	1.55				*	.86			.56							.18						3.78
Williamstown	Hudson				.80		T.				.80	.14							T.	.27							T.					T.	2.01
Winchendon	Connecticut		.20	.11	.78	.14					.20	1.27								.48												T.	3.18
Worcester	Coast		.71	T.	.68						.18	.79				.61	.04		T.	.52							.08						3.61
Rhode Island.																																	
Block Island	Coast		.13		.02						.22					1.28	.15			.37							.04		.09	.04			2.34
Bristol	...do		T.		.13						*	.47				*	.84	.04		.54							.02		*	.54			2.58
Greene	...do				.36						.47						1.35			.19							.07		*	.58			3.02
Hope Valley	...do		.22		.25						T.	.60				.03	1.12	.01		.40					.18				.05	.41			3.27
Kingston	...do		.13		.05						T.	.36				.15	1.00			.72							.60		.05	.90			3.96
Narragansett Pier	...do		.12		.11						T.	.33				.11	.73	.02		.38							.33		.02	.41			2.58
Pawtucket	...do		.30		.26					T.	*	.41				*	.49			.27							.03		*	.57			2.33
Providence	...do		.64		.03					.06	.09	.29				.02	.49			.34							.01		.47	.18			2.62
Wallum Lake	...do		.20	.02	.14						.20					.16	.05		.01	.45										.54			1.77
Connecticut.																																	
Bridgeport	Coast		.39		.02				T.	.17	.37	.96				T.	.02			.17							.03		.01	.18			2.32
Canton	Connecticut		.10		.42							2.52					T.		T.	.61									.03				3.68
Colchester	Coast		.29		.12					.01	T.	.27					.08			.40							.13		T.	.64			1.94
Cream Hill	Housatonic		.26	.38	1.55				T.		2.00	.36							.02	.67													5.24
Danielson	Coast		.07			.15						.10					.10			.30							.03			.62			1.37
Falls Village	Housatonic		.20		1.76				.04		2.32								.08	.59							.01						5.00

TABLE 2.—*Daily precipitation for August, 1910. District No. 1*—Continued.

Stations.	River basins.	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	
Connecticut—Cont'd.																																	
Hartford	Connecticut		.12		.73	T.			.01	.14	1.11	.44				.02	T.		T.	.30							T.		.08	.03			2.98
Hawleyville	Housatonic		.69			1.25				.11	.23	1.45								.49							.37						4.59
Lake Konomoc	Coast			.47		.10						.25					.65			.30										.36			2.13
New Haven	...do		.82		.01				.11	.93	.56	.25				.02	.01			.24							.01		.11	.14			3.21
New London	...do				.12							.32			.22	.31				.76							.11			.31			2.15
North Grosvenordale	...do		T.		.12						.52									.24										.44			1.32
Norwalk	...do		.11								.64	.20					.09			.18							.03		*	.11			1.36
Southington	...do		.40	T.	T.	.40			T.	.30	.10	1.40					T.			.25									.20				3.05
South Manchester	Connecticut										1.45									.35													1.80
Storrs	Coast		.05		.62						.62									.47									.23				1.99
Voluntown	...do		.19		.11						T.	.30					1.20			.86							.15		.17	.23			3.21
Wallingford	...do		.70		T.				.27		1.22				T.	T.			.30								.40		.17				3.06
Waterbury	Housatonic		.61		.20					.35	*	1.35				T.			T.	.45							.05			.15			3.16
West Simsbury	Connecticut		.09		.44					.21	*	1.71				.67			*	.77										T.			3.89
New York.																																	
Addison	Susquehanna		.09	T.	T.	T.			.08		.66				.14	.01	.02		.26	.29			T.				.52						2.07
Albany	Hudson		.04		.37		T.				.54								.38	.04							T.					.01	1.38
Alfred	Susquehanna	.03		.03	T.						.93					.14			.23	.19			.20				.70					.10	2.55
Amsterdam	Mohawk		.22		.24		.03				.24						.02		T.	.28							.03					.30	1.36
Athens	Hudson		.03	.02	.88					T.	1.32	.28							T.	.82							T.						3.35
Ballston Lake	...do		.23		.04						.27	.17			T.				T.	.21							T.					.16	1.68
Bedford	Coast		.57	.02		.04	.01			.16	.76	.07				.12			.01	.30										.38			2.44
Binghamton	Susquehanna	T.			T.				.14		.46								.21	.5							.24						1.10
Bouckville	...do		.45	.29	.51						.95					.04			.10	.45							.30					.26	3.35
Carmel‖	Hudson		.30		.20					.69		1.71								.33										.20			3.48
Chatham	...do		T.		.88	.10				.02	*	1.24								.70							.03						2.97
Cooperstown	Susquehanna		.25		.46					.05	.72	.02							.50								.10					.24	2.34
Corinth‖	Hudson				1.00						.42	1.00								.25												.65	3.32
Cortland	Susquehanna		.30		.05						.36									.42							.46						1.59
Cutchogue	Coast		.11		.25					T.	T.	.80				.05	.41	.04		.60							.16			.06			2.48
De Ruyter	Susquehanna		.63	.12	.16	.03	T.				.50					.90			.19	.10							.43					.49	3.55
Easton	Hudson		.26		1.65					*	1.54																						3.45
Elmira	Susquehanna	.06			.11						.60								.22							.61							1.60
Fort Hunter‖	Mohawk																																
Fort Plain	...do		.27	.02	.38		T.				.38	.16			T.				T.	.32							.10					.36	1.97
Glens Falls	Hudson		T.		2.37					.04	.30	1.65								.36													4.72
Gloversville	Mohawk		.15		.12		T.			T.	.46	T.	.04							.24							T.					T.	1.01
Greenfield Center	Hudson		.06	.04	.65						.35	.94								.80													2.84
Greenwich	...do		.17	T.	.84			T.		T.	.26	.85	.04							.54													2.70
Griffin Corners	Delaware																																
Haskinville	Susquehanna										1.35				T.	T.			.45	.18			.30				.57					T.	2.85
Homer	...do	T.	.21	T.	T.	.01	T.		T.		.83								.32	.04					T.		.65					.25	2.31
Hoosick Falls‖	Hudson		.12			1.15						.61	.16							.28							T.						2.32
Indian Lake	...do				2.00		.24				2.00								.60	.40							.20					.20	5.64
Jeffersonville	Delaware		.07		.35				.34	T.	1.30								T.	.52							.05						2.63
Lake Pleasant	Hudson			2.30	.20		.10				.50	.80					.50			.20							.20						4.80
Liberty	Delaware			.20							.25							.10		.45							.04						1.04
Little Falls	Mohawk		.30		.93		.15				.83								.05	.30							.35					.13	3.04
Mohonk Lake	Hudson		.22	.17	.55	.17	.34				3.54	.75								.65					T.								6.39
Morehouseville	Mohawk		.70		2.40		.50				1.25	.20							.10	.42				.05			.30					.10	6.02
Mount Hope	Coast			.18					.20		.25	.60			T.	T.				.40							T.						1.63
Newark Valley	Susquehanna		.02		T.				.06		.60								.10	.12							.32						1.22
New Berlin‖	...do		.38			.42					.05	.91	.05			.03				.53							.17						2.54
New Lisbon	...do		.43		.14				.01		.74					.02			.06	.58							.13					.45	2.56
New York City	Coast		T.	.18	.05				.07	.73	.53					.13	.15	T.	.03	.12							.02		.04	.09			2.13
North Creek	Hudson				2.90		.05				.62	.10					.16										.06					.85	4.74
Northville‖	...do	.10		.14	.59						.76								.44													.43	2.46
Norwich‖	Susquehanna		.34		.08	.07					.35	.90				.27				.55							.12						2.68
Oneonta	...do	.03								T.	.50	.14			.19				.12	.30							.08					.10	1.46
Oxford	...do		.11	T.	T.						1.44	T.							.41								.18						2.14
Port Jervis	Delaware	.89		.20		.60	.37			.27	.22	.08	.37	1.10	.45											.01			.17				4.73
Salisbury	Mohawk		.25		.10		.20				1.25	.08							.14	.36							.41					.12	2.91
Salisbury Mills	Hudson		.12			.25						1.45								.30										.20			2.32
Scarsdale	Coast		T.	T.					.10	.12	.80					.10	.10										.30		*	.25			1.77
Setauket	...do		.04		T.				T.	.14	.13	.15				.10	.12			.08							.02		.04	.07			0.89
Sherburne‖	Susquehanna				.16						.72				.98				.44							.25						.54	3.09
Southampton	Coast	.01		.07						.01	T.	.22				.10	.37	.01		.25							.21		T.	.22			1.47
Spier Falls	Hudson	T.	T.		2.31			T.			.26	1.11								.25													2.93
Trenton Falls‖	Mohawk		.05		.60	.54	.10				.36	1.37								.81							.37					*	4.20
Tribeshill‖	...do		.20		.20		.10				.40									.40												.10	1.40
Utica‖	...do		.24			.40	.14				.20	.87								.55							.55					*	2.95
Wading River	Coast		.28	.02	.01				.01	.07		1.20				.12	.03			.04							.08		T.	.03		T.	1.98
Wappingers Falls	Hudson		1.12	T.	.62	1.16			.45	.12	2.06	.28					T.													.12			5.93
Warwick	...do		.36			.20			.28		.50									.25									.23				1.82
Waverly	Susquehanna				.14				.20		.35	.01							.12	.13							.28						1.23
West Berne	Mohawk				.72						.18	.29								.33							T.					T.	1.52
West Point	Hudson		.16		.15				.10	.10	1.65						.10			.20							.05		.30				2.81
Windham	Mohawk				.88						.58								T.	.80							.06						2.32
Pennsylvania.																																	
Altoona	Susquehanna					.03			.02		.60	.07								1.20			.18				T.						2.10
Ansonia‖	...do			.02		.05				.15	.18	.37				.02				.54							.71						2.04
Austin	...do			T.	.49					T.	1.16								.78	.22							.65						3.30
Bellefonte	...do								.80		.98		.11						.50							.05							2.44
Bethlehem	Lehigh				T.	.42			1.06		.51	.05				.46	.13			.06			T.							.09			2.78
Browers Lock	Schuylkill								1.09		.50	.70								1.02							.30						3.61
Catawissa	Susquehanna								.76		.88								.08	.25							T.					.05	2.02
Center Hall	...do								1.03		1.08	T.							.25														2.36
Clearfield	...do																																
Coatesville	Coast				.13				1.81	.01	.41					.60	.14			1.20			.05				.63	.03				.02	5.13
Doylestown	Schuylkill			.71		2.39			2.43		1.87				.10					.63									.16				8.29
Drifton	Susquehanna	T.	T.	T.	.04				.90	.04	1.20								.77				T.										2.95
Emporium	...do				T.				T.	T.	.78	.09			T.	T.			.33	.12			T.				.65						1.97
Ephrata	...do			.42	.30				1.58	.32	.52					.27	.05			1.13			.02										4.61
Everett	Juniata								.38		.10		.18							.92		T.	T.	T.								T.	1.58
Forks of Neshaminy	Delaware			.25		1.35			1.15	.05	1.99	.35				.22			.04	.58							.33		.15				6.46
George School	...do			.47	.06	1.13			.63	.38	1.03	.14				.37	.21	.01		.43							.38		.13				5.37
Gettysburg	Potomac				.02				.66		.08	T.				.21	T.		T.	.52							.02						1.51
Girardville	Susquehanna	T.	T.		.12				1.12	.12	1.04					T.	T.		.22	.20					T.							.50	3.32
Gordon	...do				1.49				.73	.40	.96	.03								.51													4.12
Hamburg	Schuylkill				1.12				.73							.29	.27																2.41
Hanover	Susquehanna			.01	T.				.80		.08		.03			.62	.02	.02		1.37							.13			T.		.17	3.25
Harrisburg	...do			T.	.02				.75	.02	.66					.18	T.	T.	.12	.11			T.				.03					.32	2.21
Huntingdon	Juniata				T.				.76		.64	.10							.68	1.06												T.	3.24
Hyndman	Potomac			T.	T.				.24		.15						T.		.50	.60		.20					T.					.90	2.59

TABLE 2.—*Daily precipitation for August, 1910. District No. 1*—Continued.

Stations.	River basins.	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—Cont'd.																																	
Kennett Square	Coast				.24				2.63		1.45				1.54	.55	.24	T.	T.	.54				T.	T.		.39		.14			.25	7.97
Lancaster	Susquehanna								2.13	.42	.53					.47				.70							.29		.02			.47	5.03
Lansdale	Schuylkill			.46		.64			1.87		1.72	.04			.36	.05				.58									.27				5.99
Lawrenceville	Susquehanna		.10		.10				.30		.45				.50				.35								.60						2.30
Lebanon	do				T.				1.20	.30	T.	T.				.92	T.	T.		.42			.10							T.			3.94
Le Roy	do		.01		.16				.45		.62	.01							.80	.25							.51						2.81
Lewisburg	do				.02				.81	.05	.54	.02	.06							.30													1.80
Lloyd	do																																
Lock Haven	do				T.			.50			.80								.37							.17							1.93
Marion	Potomac				.33				.50		.22	.26															.10						1.41
Mauch Chunk	Delaware		.19		.58				.62	.05	1.66	.24				.09				.48									.09				4.00
Mifflintown	Juniata				.14				.90		.78									.58													2.40
Milford	Delaware		T.		.22	.53		.28	1.21		.95	.85				.05	.22	.22	T.	.09							T.			.14			4.76
Montrose	Susquehanna				T.				.26		.58	.15							T.	.60							.12						1.71
Mountain House	Juniata								.28		.15	.43	.07							.56							.05						1.54
Muncy Valley	Susquehanna		T.						.56		.72								1.36								.09						2.73
New Germantown	do								1.00		.10									.38			.05										1.53
Ottsville	Delaware			.26	.48				1.76		2.44					.14	.24			.09							.07		.07	.05			5.60
Philadelphia (1)	do				.76				.93	.01	.42				.29	1.02	.03	.01		1.72							.36		.15			.02	5.72
Pocono Lake	do																																
Point Pleasant	do			.18	.68	.06			1.29		1.29					.56	.33			.11							.12		.10				4.72
Pottsville	Schuylkill				.64				1.56		.48					.04			.23	.11									.04				3.10
Reading	do				.10				1.02		.51					.75			.13	.31		.02							.02			.04	2.90
Renova‖	Susquehanna								T.	.68	T.	.78								.48							.58						2.52
Scranton	do				.31				.30		.94								.45	.48							.03						2.51
Selsholtsville	Schuylkill			1.91	1.55				1.87	.09	.81					.18	.03			.13			.13						.01				6.71
Selinsgrove	Susquehanna				.02				.57	.11	.73	.67								.47							.02						2.59
Shawmont	Schuylkill				.03	1.40			1.65	.05	1.65	.45				.40	1.10			3.04							.35		.25				10.37
Shippensburg	Susquehanna																																
Smiths Corners	Schuylkill			.26	.84				1.66	.33	1.09					.22	.26			.14									.19				4.99
Spring Mount	do			.58	.19	.18			1.93	.14	1.13					.38	.37			.46							.07		.07				5.50
State College	Susquehanna				T.				.66	.02	.78	.02							.37	.22							T.					T.	2.07
Towanda	do				T.				.32		.94								.46	.13							.23						2.08
Wellsboro	do				.03				.36		.46				T.				1.04	.22							.36						2.47
West Chester	Coast				.19				1.59	.02	1.63				.06	1.12	.36	.03		.96							.41		.09				6.46
Wilkes-Barre‖	Susquehanna			.12	T.					1.02	T.	.98									.72						.01						2.85
Williamsport	do								.35		.67								.47														1.49
New Jersey.																																	
Asbury Park	Coast		.02	T.	T.				.06	1.32	.43				T.	.17	1.28	T.	.06	.63							.83			.17			4.97
Atlantic City	do		T.		T.				T.	T.	T.				T.	.56	T.	.04		1.02							.18		.04	T.			1.84
Bayonne	do		T.	.49	.06				.10	.06	.42					.20	.07	T.	.01	.21							.03		.08	.10			1.83
Belvidere	Delaware			.25					.89		.44					.89				.30									*	.30			3.07
Bergen Point	Coast		T.	.30	.20				.30	.03	.59					.19	.30			.34							.07		.11	.10			2.53
Boonton‖	Passaic			.25	.53	.06				.22	T.	1.32					.06	.14		.23										.12			2.93
Bridgeton	Coast		2.15		.35				.10	.05	.05	.05			T.	.33	1.15		.30	.40							.25		.25				5.43
Burlington‖	Delaware				.86				.86		1.14				.14	.68	.02			.66							.43		.05			.52	5.36
Canton	Coast		.22		.21				.16		.16				T.	*	2.06		T.	.17							.22		.21				3.41
Cape May City	do		.30		.02				.03		.08				.02	.36	.07	.08		1.67							1.08	.02	.11	.06			3.90
Charlotteburg	Passaic			.28	.10				.18		1.60					.22				.31									*	.18			2.87
Chatham‖	do			.75	1.05	.15				.15		1.10				.10	.25	.05		.15	.08						T.	.04		.15	.05		4.07
Clayton	Coast		.22		.01					.35	.03						1.23		T.	.71							.68		.06	.10			3.39
College Farm	do			3.02	.22				.15	.08	1.48					.19	.61	.07	.02	.13							.19		.13	T.	T.		6.29
Culvers Lake	Delaware		T.		.02				.50		.80					.80				.40										.09			2.61
Dover	Passaic		.30	.31	.08				.25		1.59					.30	.02			.25									.10				3.20
Elizabeth	Coast		.04	.48	.06				.08		.30					.28	.04			.24							.04		*	.23			1.79
Flemington	do			.78	.18				.65		1.26					.61	.03	.06	T.	.05							.06		.12	.02			3.82
Haddonfield	Delaware				.77				1.37	.43	.02					1.01	2.31	.32		1.92							.22		.09	T.			8.46
Hammonton	Coast		.13		.09				T.	.60					T.	.80	1.39			.96							.91		.03				4.91
Hightstown	Delaware		.36		.71				.83		1.53					.44	.28			.29							.55		.10				5.09
Imlaystown	do																																
Indian Mills	Coast		.12		.20				.10	.81	T.				T.	.46	.83	T.	.05	1.07							1.18		.03	T.			4.85
Jersey City	do		.01	.31	.02				.06	.03	.73					.18	.08	T.	.02	.17							.02		T.	.18			1.81
Lakewood	do																																
Lambertville	Delaware			.34	1.03				1.21		1.06					*	.22			.22							.16		.15				4.39
Layton	do				.90				.55		.69					.51													*	.25			2.90
Little Falls	Passaic		T.	.25	.09				.18	T.	.80					.19	.09		T.	.32									.05	.05			2.02
Long Branch	Coast			.18	.10				.15	.18	.86					.14	1.52	T.	T.	.24							.40			T.			3.77
Mahwah‖	Passaic																																
Moorestown	Delaware			T.	.90				.61	.09	.83				T.	1.65	.12	T.	T.	1.50							.35		.03	T.			6.08
Newark	Passaic		.05	.29	T.				.01	.60	1.15	T.				.22	T.	T.	T.	.28					.01		.01		.05	.06			2.73
New Brunswick	Coast		1.25	.20	.28						.87					.10	.46			.15							.18		.15				3.64
Newton	Delaware			.55	.11				.36		.78					.51				.50									*	.10			2.91
Northfield	Coast		.01		T.						T.				.01	.71	.16	.04		1.09							.24		.09	.06			2.41
Paterson	Passaic			.05	.16				.19		.90					.07	T.		T.	.27									T.	.12			1.76
Phillipsburg	Delaware		T.	.07	.56				.87		.57					.22	.19		T.	.10			.01						.11	.10		.04	2.84
Plainfield	Coast		.84	1.91	.20				.13	.25	.53					.50	.04			.28							.10		.11	.05			4.94
Pleasantville	do				.05					.03	.11					1.66		.04		.99							.19		.06	.04			3.17
Pompton Plains‖	Passaic			.03	.05	.07				.16		1.54				T.	.21			.27	.02									.24			2.59
Rancocas	Delaware		T.	T.	1.03				.63		.93				T.	1.12	.01		T.	1.28							.28		.02	T.			5.30
Rivervale	Coast																																
Somerville	do		1.42	1.20	.54				.30	.10	.72					.43	.13	.01		.18									.22				5.25
South Orange	do																																
Sussex	Hudson				.31				.48		.97					.16				.40									*	.20			2.52
Trenton	Delaware																																
Tuckerton	Coast		.12		.05											1.82	.30	.04		.65							1.12		.03				4.13
Vineland	do		T.		.21				.03	.08					T.	1.74	.55	T.	T.	1.78							.37		.02	T.			4.78
Woodbine	do		.49		.12				T.		.04	.10			.05	2.53	.17	.05	.03	.54							.37			.05			4.54
West Virginia.																																	
Bayard	Potomac				.10				.15		.05	T.	T.					T.	T.	.16			.02				.10					.63	1.21
Burlington	do			.32	.10				.32		T.							.30				.40					.10					1.30	2.84
Franklin	do							.92					.45								1.20											.75	3.32
Harpers Ferry‖	do						.90					T.					T.	T.	T.														0.90
Lost City	do																																
Martinsburg	do				T.				.14		T.					.15		.05	T.	.37												.35	1.06
Moorefield	do			T.	T.	T.				.25		T.	T.			T.	T.	.09	T.	.25		T.			T.							.25	0.84
Romney‖	do				.45	.10					T.	.30								.34			.22				.10						1.51
Upper Tract	do					T.			.45		T.											.30					T.					.41	1.16
Maryland.																																	
Annapolis	Coast									.18	.10					.90				.10	.26	.35		.40									2.03
Bachmans Valley	do			.29	.03				.55		.10					.02	.37		.09								T.					T.	1.45
Baltimore	do				.13				.49		.06				.07	.04	.19	.01	T.	.04			.10		T.		.21		.03			T.	1.37
Cambridge	do		.45						.57		.34	.35				1.64		.09									.26	.04	.20	.04			3.98
Cheltenham	do		.08						.27	.01	.03	.23				.02	.02	.26	.10	.07							.60						1.69
Chestertown	do				.07				.05	.95						.53	1.60	.05	.23	.23							.32		.15	.03			4.12

TABLE 2.—*Daily precipitation for August, 1910. District No. 1*—Continued.

Stations.	River basins.	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	
Maryland—Cont'd.																																	
Chewsville	Potomac				.01				.33		.05	T.				.30	T.	T.	.01	.12							.06				T.	.35	1.23
Clear Spring	...do			T.	.67	.10			.09	.02		.25			.11		T.	.03	.04	.39							.05						1.75
Coleman	...do		T.		.36				1.40		.13				.55	T.	.40	T.	T.	.15		T.					.31		.18				3.48
College Park	...do				.07				.30	.02	.02	.37					.45	.04	T.	.01		.01					.30			T.			1.59
Cumberland	...do				T.	.03			.40	T.	.03	.06	.02							.50			.30					T.					1.34
Darlington	Coast				.05				.56		.11					.96	.30			.01							T.		T.				1.99
Denton	...do		.14		T.	.42			.05		.23					1.09	1.30	.06		T.							.78		.61			T.	4.68
Easton	...do		.10		.02						.56	.06				.85	1.10	.04	.02	.03							.81		.22	.01			3.82
Emmitsburg	Potomac																																
Fallston	Coast		T.	T.	.10	.04			.24	.03	.06					1.20	.64	T.	T.	.04		T.	T.				.13		.01			T.	2.49
Frederick	Potomac				.08				.30		.03						.01	.02	T.	.10							T.			T.			0.54
Frostburg	...do				.05				.29	.18							.03	.01	.03	.63		.07					.01					.34	1.64
Great Falls	...do					.03				.35		.43					.13	.18	.11									.11					1.34
Green Spring Furnace	...do			.07	.48				.10			.05		.07						.82												T.	1.59
Keedysville	...do				.02				.27		.02	.01				.47	T.	T.		.20							.02					.05	1.06
Lake Montebello	Coast				.10	.59			.34		.06					.16	.14	.01	T.	.02			T.				.20		T.	.01	T.	T.	1.63
La Plata	...do																																
Laurel	...do				.07				.38		T.					.52	.50	.18	T.								.29					T.	1.94
Monrovia	Potomac				.12				1.43		.03					.03	.10			.05							.02			.03		.03	1.84
Pocomoke City	Coast		.40	.44	.32					1.62		1.75			.37	.04	1.72	.38		.23					T.		.48	.12	1.25	.06			9.23
Porto Bello	...do		.55						T.							.70	1.05	T.									.45						2.75
Princess Anne	...do		1.18		.05				.46	.16	7.19				.27	.58	.88	.39	.05	T.							.98		.41	.03			12.63
Rockville	Potomac																																
Salisbury	Coast		.56		1.52				T.	.20	.88	.53			.68	.79	1.16	.32	.12	.13							.68	.02	.65	.05			8.29
Sanatorium	Potomac			T.	T.				.51		.08	.41				.24	T.	.19	.12	.24							.18		T.	T.	T.	T.	1.87
Solomons	Coast		2.21		T.				.45		.47		.22		.04	.16	.69	T.	.01								.21		.05	T.		.05	4.56
Sudlersville	...do		T.		.13	.01			.04	.69	.05				T.	.38	.32	.05	.11	.30		T.					.34	.05	.31	T.		T.	2.78
Takoma Park[1]	...do					.15				.48		.49					.33	.24		.04								.20					1.93
Taneytown	Potomac				.01				.12		.32					3.26				.22							T.					.01	3.95
Towson	Coast		T.		.03	.21			.24	T.	.07					.45	.08	.01	T.		.01		T.				.04				T.	T.	1.14
Van Bibber	...do				.61				.38	.01	.36					1.52	.39	T.		.01							.31		.07				3.65
Westernport	Potomac									.15	.25	.05						.02	.03	.20												.48	1.18
Woodstock	Coast				.05	.12			.38	.09	.15					.03	.03	T.	T.	.03							.02						0.90
Delaware.																																	
Delaware City	Coast				T.	.06			.58	.42	.08				T.	.26	.51	.14	T.				T.				.48		.63	T.			3.16
Dover	...do		T.		.04				T.		.17					.33	.17			.32			T.				.51		.65				2.19
Milford	...do		.29			.08			.02	.05	.18	.02			.02	1.69	.02	.05	.03	.58			T.		T.			.04		.03			3.10
Millsboro	...do		.03		.07				.03	.02					.22	.06	1.00	1.20		.22							.43		.62	.03			4.23
Seaford	...do		.22						.04	.10					.10	1.10	.70	.07		.27			.04				.85	.38	.05				3.92
District of Columbia.																																	
Washington	Coast		T.		.10				.27		.15	.01				.02	.29	.19		.03							.18	.01	T.	T.		.01	1.26
Virginia.																																	
Culpeper	Rappahannock	1.78							.42							.02	.02		.30			.10					.38					.07	3.09
Dale Enterprise	Shenandoah	1.20			.02				.04		.03		.96			.56		.05	.04	.63		.95	T.				.09					.04	4.61
Doswell	Pamunkey	.07							.32			.21	.21	T.	.36		*	*	1.00								.20						2.37
Eastville	Coast				.20				.30	.30				.10	.36	.52	.35	2.00	1.14	.15					.23			T.	.52	.25		T.	6.42
Fredericksburg	Rappahannock		.16						1.85		1.47	.08	.01		T.	.75	.12	.18	.08	T.		.04					.43	T.	T.				5.17
Lincoln	Potomac										.48					.25	.03																0.96
Mount Weather	...do		.19		.10			T.	.44		.15	T.				.52	T.	.05	.02	.03		.01					.02			.02		.36	1.91
Quantico	...do		.16						2.20																		.13						2.49
Staunton	Shenandoah	1.61		T.				T.	.07		.03		T.	.06		.48		.32	T.	.26	.02	.04					.42				.01	.16	3.48
Stephens City	Potomac								.13			T.							.01	.09		.11					T.						0.34
Warsaw	Rappahannock		.16		.05				.35		.65					1.50	.50	.52	1.65					.03		T.		.36	.23	.05	.02	.10	6.17
Woodstock	Shenandoah	.09		.02	.06				.12		.02		.02			.27		.08		.16												.09	0.93

TABLE 3.—*Maximum and minimum temperatures at selected stations, August, 1910. District No. 1, North Atlantic States.*

Date.	Maine.														Massachusetts.										Connecticut.			
	Eastport.		Greenville.		Orono.		Portland.		Presque Isle.		Rumford Falls.		Concord, N. H.		Amherst.		Boston.		Middleboro.		Nantucket.		Providence, R. I.		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...	76	53	73	53	80	51	76	55	75	46	77	51	80	49	80	50	77	62	80	46	75	62	79	57	78	53	79	56
2...	66	52	70	52	79	54	74	59	77	54	75	57	80	57	81	58	81	64	78	53	76	62	77	59	74	57	78	59
3...	70	53	77	51	81	52	73	57	80	70	79	52	78	52	78	62	73	65	81	54	78	66	78	65	78	56	82	62
4...	61	54	69	55	81	56	68	64	76	64	71	62	77	64	80	64	81	68	80	70	76	66	78	68	73	52	81	67
5...	73	54	70	56	76	62	76	60	72.	58	73	54	74	58	76	55	78	66	78	58	76	66	78	64	78	54	77	63
6...	66	53	64	50	76	54	72	57	69	50	67	54	71	56	74	54	75	64	76	48	76	64	75	58	74	52	76	58
7...	71	56	88	55	74	55	73	58	74	54	73	56	76	54	80	54	78	62	79	48	75	64	79	60	78	56	78	59
8...	68	55	72	55	79	52	73	59	79	45	76	53	79	53	79	56	71	63	78	55	77	62	80	61	77	57	80	60
9...	67	54	74	49	81	53	65	56	76	55	74	56	76	52	80	61	69	61	76	58	70	58	76	60	72	56	79	63
10...	62	52	67	54	75	51	64	57	75	55	68	59	70	56	70	59	68	60	76	51	69	58	72	56	62	51	72	60
11...	59	54	69	54	70	59	64	57	67	58	74	59	74	59	82	61	68	62	72	61	77	62	72	63	74	55	82	63
12...	75	55	71	54	78	55	78	57	74	52	76	54	80	56	83	53	82	61	81	53	74	61	80	60	78	59	81	60
13...	82	56	80	54	83	50	80	56	83	44	82	49	84	49	84	52	85	63	83	49	78	63	81	58	81	57	83	56
14...	77	55	75	61	85	58	80	61	77	65	80	56	87	57	86	56	88	64	81	55	79	63	81	62	83	59	84	61
15...	74	57	71	53	84	58	73	62	77	46	70	60	82	60	80	68	84	67	80	62	74	66	80	64	80	57	80	64
16...	65	55	75	58	76	59	69	58	77	44	72	60	70	60	72	62	67	63	69	63	69	63	70	63	72	53	74	64
17...	68	54	73	44	78	46	66	55	77	42	72	52	73	54	76	56	70	61	73	62	67	59	74	57	71	56	76	59
18...	65	51	68	46	78	45	66	50	68	50	70	49	75	53	74	49	75	57	75	43	72	56	71	55	64	55	75	52
19...	64	56	68	56	71	59	75	57	70	45	72	50	76	54	79	53	74	64	75	62	72	61	76	61	72	60	79	59
20...	70	52	70	41	74	40	71	52	73	35	70	45	75	45	78	46	70	58	72	50	69	57	74	56	72	49	76	52
21...	69	51	77	44	79	45	74	53	80	50	77	46	81	45	82	47	78	58	80	42	73	57	77	57	74	60	81	57
22...	66	55	77	43	80	53	75	59	81	48	80	58	82	55	78	58	81	63	78	57	71	60	78	61	75	57	78	61
23...	66	53	77	58	80	55	73	59	80	50	80	60	83	55	80	56	81	62	77	49	72	60	75	60	80	56	80	62
24...	62	55	81	57	81	58	80	52	81	65	84	62	84	60	80	64	86	66	82	59	76	64	84	64	79	60	82	64
25...	65	53	83	64	82	62	82	67	85	66	84	65	85	66	84	66	87	70	82	65	76	68	84	68	80	62	84	68
26...	77	55	73	65	81	66	85	54	77	62	80	56	80	54	77	50	83	60	81	67	77	65	81	58	76	53	80	57
27...	65	50	68	44	75	40	67	49	77	62	71	44	75	42	75	41	67	55	73	43	67	55	72	51	75	43	74	48
28...	66	51	68	42	78	44	72	49	71	54	74	46	79	47	80	44	73	56	75	40	69	55	73	52	73	45	81	51
29...	69	52	68	53	74	52	67	53	68	42	71	50	78	49	82	56	66	58	69	55	63	59	70	55	80	52	75	59
30...	65	48	64	40	75	36	63	51	65	31	69	42	74	48	78	55	66	57	68	51	67	53	70	54	72	48	76	56
31...	65	47	63	38	70	38	63	48	65	33	66	45	68	45	74	53	73	54	69	36	67	51	70	47	71	52	74	53
Mns	68.2	53.3	71.6	51.6	77.9	52.2	72.2	56.5	75.0	51.5	74.4	53.6	77.6	53.7	78.8	55.5	76.0	61.7	76.6	53.7	72.8	60.8	76.5	59.2	75.0	54.6	78.6	59.1

Date.	New Haven, Conn.		New York.												Pennsylvania.												Asbury Park, N. J.	
			Addison.		Albany.		Binghamton.		Cooperstown.		Indian Lake.		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	58	83	44	79	56	78	46	76	57	69	40	80	63	84	58	83	58	83	66	78	48	78	46	81	39	75	60
2...	74	61	87	56	81	62	81	60	77	54	79	51	80	66	86	52	87	66	82	69	86	58	85	54	84	52	81	66
3...	81	61	92	57	81	60	84	58	80	57	85	44	84	69	92	56	91	69	86	69	86	61	88	50	87	52	75	65
4...	80	70	91	70	83	67	88	64	72	55	80	57	83	69	89	60	87	74	84	69	90	67	86	71	86	71	84	65
5...	79	65	77	55	76	62	71	56	68	57	70	53	79	67	83	58	81	65	82	72	77	61	74	56	75	52	82	65
6...	79	60	82	55	71	61	70	60	63	57	60	50	82	64	81	53	84	62	86	67	78	60	77	48	77	48	85	65
7...	79	60	82	51	80	62	74	59	70	54	73	54	80	65	84	47	83	61	84	69	76	60	79	53	80	48	80	60
8...	79	64	72	56	78	60	69	57	72	54	75	45	79	68	69	61	72	63	76	67	70	63	73	59	72	51	75	61
9...	75	64	81	56	81	62	76	57	70	52	80	44	75	66	81	60	79	63	78	66	80	61	77	56	77	55	73	65
10...	71	63	84	62	68	62	70	57	67	59	77	56	74	66	79	64	79	61	76	66	70	63	74	58	78	60	73	65
11...	80	63	84	54	83	60	74	54	73	61	75	53	81	64	82	55	84	63	85	66	80	60	80	58	81	53	74	64
12...	83	62	84	50	83	59	76	51	74	58	77	46	83	66	82	57	82	62	84	69	79	53	80	54	84	46	80	65
13...	81	60	92	49	85	57	82	50	80	54	79	42	82	68	81	56	83	62	82	68	84	55	81	54	85	46	76	63
14...	82	60	92	58	85	64	84	61	81	64	80	47	82	66	85	53	84	63	82	67	86	57	83	58	88	55	76	65
15...	77	67	95	58	85	66	85	56	84	65	85	55	79	72	86	65	79	68	75	70	83	61	84	58	90	56	74	70
16...	78	66	92	62	79	68	82	64	76	64	79	53	80	68	84	58	84	68	81	71	81	66	78	63	88	60	75	70
17...	76	60	84	61	78	58	72	61	79	61	75	50	76	65	81	66	71	65	72	65	73	60	75	66	78	62	74	70
18...	73	56	71	60	75	57	70	59	70	64	76	55	74	64	79	63	76	63	79	64	74	58	73	62	70	59	72	66
19...	80	64	80	56	77	60	71	53	70	59	70	54	81	68	79	66	79	66	81	69	76	56	75	64	77	57	76	67
20...	78	56	83	46	78	52	74	45	69	51	69	38	77	64	79	49	79	56	79	64	76	49	77	49	81	45	78	65
21...	79	59	89	48	83	58	77	53	77	52	80	39	79	63	81	51	77	61	80	64	80	54	79	49	83	46	74	58
22...	77	60	85	55	78	63	75	60	76	64	79	50	78	66	79	57	78	65	78	67	76	64	76	60	80	55	74	61
23...	79	61	85	58	81	62	80	62	78	64	75	57	80	67	81	61	83	65	83	66	81	64	82	60	82	57	75	62
24...	82	66	84	62	79	68	81	68	80	66	80	63	82	67	82	59	84	69	86	67	83	65	82	64	82	61	75	65
25...	84	69	93	62	86	69	84	66	84	60	79	62	85	70	88	58	87	70	86	71	82	63	84	64	85	59	84	70
26...	79	57	83	54	77	55	78	49	80	45	75	52	77	61	80	58	80	57	78	63	76	50	77	52	84	55	82	70
27...	71	50	78	41	74	47	69	40	68	38	66	35	73	57	74	42	75	49	73	57	74	44	73	42	77	40	71	58
28...	73	52	84	42	79	51	78	42	74	48	71	38	73	61	80	42	79	51	70	60	80	47	77	44	79	39	71	59
29...	74	60	84	45	80	58	74	51	71	55	72	36	75	65	80	61	81	65	74	65	80	61	80	56	81	45	70	67
30...	74	57	82	48	78	54	74	49	76	63	70	32	75	63	80	56	78	63	76	61	78	56	79	58	79	47	70	64
31...	74	55	86	62	75	61	73	62	71	63	69	50	76	64	75	59	76	61	80	61	75	61	75	59	78	60	73	66
Mns	77.7	60.8	84.5	54.6	79.2	60.0	76.6	55.8	74.4	57.3	75.4	48.4	78.8	65.5	81.5	56.8	80.8	63.0	80.0	66.3	79.0	58.2	78.7	56.3	80.9	52.6	76.0	64.6

TABLE 3.—*Maximum and minimum temperatures at selected stations, August, 1910. District No. 1*—Continued.

Date.	New Jersey.								Martinsburg, W. Va.§§		Maryland.								Millsboro, Del.		Washington, D. C.		Virginia.					
	Atlantic City.		Hightstown.		Newton.		Phillipsburg.				Baltimore.		Darlington.		Frederick.		Westernport.						Culpeper.		Fredericksburg.		Staunton.§§	
	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...	77	62	87	51	82	46	86	51	87	55	82	64	81	60	82	55	86	50	85	59	85	58	85	57	85	57	81	58
2...	76	66	85	59	83	55	90	57	90	60	85	69	83	65	89	63	88	53	87	68	89	70	88	62	89	65	85	62
3...	79	67	91	62	85	60	86	61	95	65	90	74	87	70	94	68	94	58	90	70	89	70	86	68	93	69	89	64
4...	75	69	89	70	85	62	90	61	92	65	88	75	85	73	91	72	88	66	88	75	90	72	89	71	88	71	85	70
5...	83	66	84	59	79	57	80	59	86	62	86	72	85	61	89	62	83	55	87	66	78	65	85	63	89	62	83	66
6...	86	66	86	56	84	54	84	56	90	63	89	70	88	57	89	63	86	54	90	62	91	62	88	61	92	60	84	60
7...	76	64	84	56	83	54	85	55	91	56	85	66	85	58	88	56	87	48	88	59	84	59	87	55	91	66	86	53
8...	74	67	80	62	79	59	75	62	72	63	76	66	.....	.....	75	66	76	62	76	66	80	68	77	69	81	67	80	64
9...	76	68	80	62	78	56	82	62	88	59	80	65	.....	.....	85	62	85	57	85	63	82	64	83	56	84	61	85	56
10...	77	69	75	59	68	60	70	64	86	59	83	70	78	65	86	68	86	68	86	68	82	60	87	64	90	63	86	61
11...	77	68	87	62	84	60	86	63	90	60	88	66	85	59	88	62	89	56	87	64	86	62	87	61	88	63	86	58
12...	78	66	86	56	86	55	87	56	88	62	83	70	83	64	86	72	84	55	83	67	82	60	81	64	84	66	82	59
13...	79	69	86	56	83	54	85	59	88	61	81	68	81	60	85	69	88	57	81	66	81	60	79	61	80	64	83	57
14...	77	69	85	57	86	53	88	57	91	60	83	67	83	60	88	68	89	54	84	63	84	62	82	61	81	65	82	59
15...	76	69	78	68	79	61	80	66	86	63	79	71	77	67	87	73	89	54	80	70	80	60	80	67	83	67	77	63
16...	80	70	81	69	84	65	83	68	89	66	82	72	82	67	87	73	88	63	82	70	82	60	83	67	81	68	82	64
17...	72	69	74	64	76	61	76	57	77	69	74	68	73	66	74	69	82	67	74	67	74	60	76	67	80	68	79	65
18...	79	69	80	56	75	53	80	55	82	65	80	66	77	63	82	67	91	66	84	67	80	60	80	65	82	67	81	65
19...	78	68	85	67	83	66	82	61	85	65	81	68	80	70	86	65	87	68	80	65	78	60	80	69	79	69	80	66
20...	74	62	80	54	81	47	82	52	84	53	80	61	78	58	83	53	86	50	82	58	78	60	82	56	82	58	81	56
29...	77	62	84	52	81	47	84	55	82	53	78	65	74	58	80	62	87	49	79	61	78	64	74	61	78	62	71	59
22...	77	70	81	57	78	55	81	62	85	59	79	66	78	61	83	66	85	67	81	61	80	60	80	60	83	60	77	60
23...	77	70	85	58	79	61	83	64	87	59	82	67	81	62	87	61	85	57	84	66	80	62	83	60	85	63	81	57
24...	78	67	87	60	87	61	84	62	89	63	86	69	84	65	90	68	88	59	86	70	84	58	85	65	86	67	84	59
25...	79	73	88	68	85	63	86	68	91	63	88	70	85	67	95	67	92	58	90	70	88	68	86	67	90	66	87	64
26...	79	64	81	64	79	61	77	53	76	66	79	64	80	65	85	67	83	49	77	64	85	64	81	64	82	62	84	70
27...	72	58	76	46	80	39	75	46	78	46	76	57	76	51	79	49	79	46	75	58	74	60	73	58	74	59	84	56
28...	76	67	69	50	83	40	79	48	86	50	74	62	70	51	87	52	86	45	77	61	80	60	82	57	77	60	82	55
89...	76	69	75	64	83	61	81	62	82	55	78	68	78	65	80	68	83	58	77	69	72	60	76	66	77	68	78	55
30...	74	68	77	55	81	51	80	58	84	62	78	62	77	59	83	61	85	60	77	63	76	64	77	66	77	66	75	66
31...	75	68	80	52	79	51	82	54	78	65	78	62	76	56	79	62	80	60	78	61	78	58	78	64	75	62	72	63
Mns	77.1	67.1	82.1	59.0	81.2	55.7	82.2	58.5	85.6	60.4	81.6	67.1	80.3[b]	62.2[b]	85.2	64.2	85.9	57.1	82.6	65.1	81.6	62.3	81.9	63.0	83.4	64.3	81.0	61.0