Climatological Data for September, 1910.

DISTRICT No. 1, NORTH ATLANTIC STATES.

WILFORD M. WILSON, District Editor.

GENERAL SUMMARY.

While the month of September, 1910, was warmer than usual, except in New England, and drier than the average September, except in New York and Pennsylvania, the departures from the normal both in temperature and precipitation were well within the range of previous years. There were no storms of unusual severity and the month fully sustained its reputation for being one of the pleasantest months of the year in this latitude. The only disagreeable period of considerable duration occurred with the storm that appeared central over Maryland and Delaware on the morning of the 1st, causing heavy and, at some places, excessive rains, especially in the southern part of the district on the 1st and 2d. The rain area moved slowly northward and covered New York and New England during the 3d and 4th, but the precipitation from this storm was generally much lighter in the northern than in the southern and central parts of the district. This storm, which brought cloudy, disagreeable weather for several days, was practically the only general, widespread storm of the month, and in many sections of the central and southern parts of the district gave more than half the total amount of rain for the entire month. The precipitation for the remainder of the month was light and and scattered, and the rather unfavorable distribution in point of time caused general complaint of short pasturage, and in many sections a serious shortage in the water supply for cities and towns as well as for agricultural purposes. The dry weather was particularly serious in parts of Maryland and Virginia. The available water supply for the city of Baltimore became so much reduced during the latter part of the month that it was necessary to practise the most rigid economy in its use, while similar conditions existed at Annapolis, Frederick, and other places in that section.

The temperature conditions were not exceptional. A decidedly warm period occurred about the middle of the first decade, when temperatures from 92° to 101° were registered in the various sections of the district, except New England where the extreme temperature was 85°. Freezing temperatures were recorded in New England, New York, Pennsylvania, New Jersey, and West Virginia.

TEMPERATURE.

The average temperature for the district was 65.9°, which is about 1.7° above the normal and about 3° above that of September last year. With the exception of New England, where normal temperatures prevailed, the temperature averaged above normal over the entire district, the departures ranging from 0.5° in New York to 2.2° in Delaware and Maryland. It is, perhaps, worthy of note that the temperature conditions of the current month were exactly the reverse of those that obtained during September of last year when the northern part of the district was warmer and the southern part colder than usual. For the most part, the temperature for the month was unusually equable and agreeable with only one warm period worthy of note and that of very short duration.

Moderate temperatures prevailed during the first few days of the month, but the presence of an area of low pressure over the upper Lakes on the morning of the 6th, and its rapid movement down the St. Lawrence Valley during the succeeding 24 hours, caused strong southerly winds with a rapid rise in temperature over the entire district during the day. Maximum temperatures of 90° or above were general, except in New England and central and northern New York, while in the more southerly parts of the district temperatures of 95° or above were not uncommon. The extreme temperature recorded in the district was 101° at Lincoln, Va.

There were several moderately cool periods during the month, but none of sufficiently marked intensity to affect the conditions over the entire district, the lowest temperature of the month being recorded in New England on the 19th, in New York on the 10th and 22d, in Pennsylvania on the 15th, in New Jersey on the 30th, in Maryland and Delaware on the 29th, and in Virginia and West Virginia on the 17th.

During the second and third decades light frosts were general on several dates, except in Delaware, Maryland, and Virginia, but with little or no damage.

PRECIPITATION.

The average precipitation for the district was 2.63 inches, which is about 0.74 inch below the September normal. The distribution was very uneven, both geographically and in point of time. More than the usual amount of rain fell in New York and Pennsylvania, but for the remainder of the district the deficiency was marked. In Delaware, Maryland, and Virginia and in parts of Pennsylvania and New Jersey considerably less than one-half the usual amount occurred. Under ordinary conditions a deficiency of 50 per cent in the monthly rainfall might not produce serious results, but in this instance by far the greater portion of the total rainfall of the month occurred with a single storm on the 1st and 2d. At Baltimore 1.53 inch of rain fell in 36 minutes during the afternoon of the 1st, while the total rainfall for the remainder of the month amounted to only 0.55 inch. This is characteristic of the conditions with respect to rainfall that obtained throughout the southern part of the district during the month, except that some localities received no rain at all, in excess of a trace, after the 2d or 3d and many received practically none after the 6th. Although in many places the rains were heavy but of short duration, the soil at that time was so dry that only a comparatively small amount of water found its way into the streams and accomplished little toward replenishing the water supply for towns and cities.

RIVER CONDITIONS.

Owing to the general deficiency in rainfall the rivers remained at low stages throughout the month in nearly all parts of the district, and the changes that occurred were unusually small. The Mohawk River and the streams of the upper Hudson basin, however, showed considerable variation with comparatively high stages during much of the month, especially from the 6th to the 9th and from the 28th to the 30th, following periods of heavy rain that occurred over that section. At Little Falls, N. Y., on the 29th, the Mohawk River rose to within 1.1 foot of the flood stage.

SUNSHINE.

The average percentage of possible sunshine for the district was about 58, or nearly equal to that for the preceding month. The highest percentages were recorded at stations on the coast between Rhode Island and Delaware, and the lowest at inland stations in the northern part of the district. There was an average of 9 days with 80 per cent or more of sunshine and of 7 days with 20 per cent or less. The total hours of sunshine for the month averaged 244 and ranged from 164 at Hartford, Conn., to 272 at New York City.

DRY FARMING IN THE EAST.

Prof. L. H. Bailey, Dean of the New York State College of Agriculture, in writing to Mr. John T. Burns, Secretary and Treasurer of the Dry-Farming Congress that met recently at Spokane, Wash., makes some interesting and important suggestions on the application of dry-farming methods to agriculture in the more humid regions of the East. He says:

I am convinced that the subject of dry farming has direct application to eastern as well as western conditions. Of course, the movement is necessary and therefore worth while in its western application alone, and in its bearing on the welfare of those regions it should appeal to all the people; but it also has a bearing on agriculture in the entire country, such as our people do not yet understand.

We habitually associate "dry farming" with dry regions; but the conservation of water lies also at the foundation of agriculture in most humid regions as well as in semiarid regions, for the crop in humid regions is very generally determined by the "pinch" of the dry spell or drought. As the strength of a wall is measured by its weakest course, so is the crop-producing power of the year determined, under prevailing farming methods, by the poorest or least effective growing month.

Farmers in the semiarid regions are compelled to save the rainfall, and they prepare a definite program of conservation, making this program a part of their reckoning. But the farmer in humid regions usually makes little or no allowance or reckoning for drought, and when it comes he is caught; and yet the drought and not the rainfall determines his crops. We shall never have a good agriculture until the farmer prepares for dry times and drought just as consciously as he prepares for winter. The "dry spell" of summer is usually considered to be a calamity; it is probable that a properly regulated system of husbandry would make such spells to be advantageous.

The annual precipitation at Ithaca, in central New York, is approximately 33 inches; yet there is record of a year with a rainfall of only 21.20 inches. The average recorded yearly rainfall for the State of New York ranges from about 51 inches down to about 28 inches, and if we exclude Long Island, with its more uniform precipitation, the minimum becomes about 26.50 inches, or approaching closely to dry-farming conditions. There are parts of the State in which the mean precipitation over a series of years is under 23 inches. I have before me the records for 48 years of one station in western New York, with an annual average of 27.52 inches, in which there are 4 years with a total precipitation of less than 20 inches (one year only 16.44 inches) and 2 years with a total of 20.02 and 20.61. Were it not for other aids than rainfall (a low evaporation due to proximity to large bodies of water, and moisture held in the soil from other years), these particular years would have been semiarid at that place; for a region is usually held to be semiarid if its precipitation is less than 20 inches.

It is the precipitation of the growing months, however, that largely determines the crop. In the dry sections just mentioned, there were 26 years of the 48 in which the monthly rainfall was less than 1.50 inch (which is very dry) in one or more of the months of May, June, July, August; and there were 10 other years in which the rainfall in one or more of these months was between 1.50 and 2.00 inches, which usually indicates droughty conditions. Even at Ithaca, with its mean precipitation of about 33 inches and a maximum of 46.50 inches, there were 17 years out of 53 in which the rainfall was less than 1.50 inch in one or more of these four growing months, and 14 other years in which it was less than 2 inches, making 31 years of the 53, or about three-fifths of the years in which droughty conditions prevailed. Even in a section of western New York with a mean annual precipitation of 44.50 inches and a maximum of 59.50 inches, there were 5 years out of 20 in which the rainfall was less than 2 inches in one or more of the four growing months. If to these four main growing months were added April and September, the foregoing figures of droughty conditions would be more marked.

Of course, the figures of rainfall can not of themselves establish the presence of droughty conditions, for several factors are involved, but they are the best measures that we have on record. It is certainly not too much to say that, in most parts of the humid regions, the farmer may expect conditions of dryness about every other year sufficiently marked greatly to reduce his yields. We are accustomed to hear estimates of loss occasioned by injurious insects and by diseases of animals and plants; but it is probable that the loss from "dry spells" greatly exceeds any or all other causes. Humid regions are likely to suffer most from dry weather.

Nor is it merely a question of carrying the crop over the recognized dry spells. A sufficient supply of soil moisture continuously throughout the year is a fundamental necessity of crop growing. The acre production must be made to increase, which means that we must be increasingly careful of our water waste.

In the hard-land hilly regions of the East, it is not only a question of the actual quantity of water falling on the earth, but quite as much the loss of water by rapid run-off. Within a few minutes after a heavy rain, the streams are choked and the lowlands fill up and perhaps overflow. The water is lost to one place and is accumulated in too great quantities in another place. The violent run-off is like water running off a roof. It tears the land, moves stones and other heavy objects, and carries away immense stores of fertility. Within two days after a heavy rain, the sides and tops of hills may be suffering from dry soil. I see as much disaster from drought in New York as I see in the less humid regions of the Middle West.

The discussions of the dry-farming congress, therefore, should have significance to the entire country. We shall find the principles of dry farming to be increasingly applicable to the East. In fact these principles have been worked out in humid countries. But the present recognized methods of dry farming are not sufficient for hilly regions, and something further must be developed. The accepted practises of dry farming are associated with two main ideas: such preparation and tillage of the land as will catch and hold the rainfall; the perfection of such a cropping scheme as will make the most of the situation. These are fundamental to all water-saving practises. To these may be added the supplying of water, other than rainfall, by means of irrigation. But beyond all this, we must in time devise some mode of storing the water of rainfall on the hills of individual farms.

Many of the hills can not be tilled with profit, certainly not by dry-farming methods; nor is it advisable to cover all of them with forest or even with other cover,—and even a crop cover could not hold the water. A method or "system" of storing water on steep hillsides was perfected and even patented by Asahel N. Cole, of southwestern New York, in 1884, and it was made the basis of his book called the "New Agriculture." It consisted of a series of ditch reservoirs running along the face of the hill, connecting with each other, and filled with stones and covered with brush and earth. These trenches were to catch the run-off and hold it against the time of drought. Whether such a system is practicable I do not know; but it is suggestive of a solution, perhaps in simpler and less expensive form, of a very real problem in hilly regions. It is a problem of farm engineering. We must make the most of our hills, in time.

Irrigation and dry farming are complementary processes in the problem of saving and utilizing water. Dry-farming practises are essential to the best results after irrigation water is secured. Irrigation will certainly come in the East; but it is first necessary to save and utilize the water that falls on any farm.

TABLE 1.—*Climatological data for September, 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	57.6	− 1.0	75	2†	37	23	33	1.12	− 2.56	0.40	.....	7	14	6	10	sw.	Wm. Miller.
Cornish	York	778	55	59.3	+ 0.5	84	7	31	23	42	3.40	− 0.21	1.38	0.0	8	10	12	8	n.	T. H. West.
Eastport	Washington	53	38	55.6	+ 0.4	74	18	45	12†	21	1.84	− 1.13	0.60	0.0	12	9	7	14	s.	U. S. Weather Bureau.
Ellsworth	Hancock	.....	0	57.0	.....	78	5	34	23†	32	2.37	.....	0.91	0.0	11	12	3	15	s.	S. P. Sutton.
Fairfield	Somerset	90	25	58.2	+ 0.5	76	4	35	23	30	2.04	− 1.09	0.70	0.0	6	11	10	9	.....	Edward F. Parker.
Farmington	Franklin	450	13	58.2	+ 0.1	81	4	31	23	39	2.30	− 1.18	0.71	0.0	12	15	5	10	nw.	State Normal School.
Gardiner	Kennebec	163	18	59.4	− 0.4	81	4	34	23	35	2.58	− 0.88	1.03	0.0	11	.....	.....	.....	.....	Samuel D. Soule.
Greenville	Piscataquis	1,000	6	53.6	.....	71	4	31	23	36	2.77	.....	1.07	0.0	12	.....	.....	.....	.....	U. S. Weather Bureau.
Houlton	Aroostook	362	8	53.6	.....	73	3	32	20†	36	0.85	.....	0.50	0.0	3	26	2	2	ne.	Bangor & Aroostook R. R.
Lewiston	Androscoggin	185	36	60.2	+ 1.0	83	4	38	23	32	2.68	− 0.85	0.92	0.0	12	10	8	12	s.	Union Water Power Co.
Madison	Somerset	257	7	56.3	.....	77	5†	32	23†	40	2.95	.....	1.40	0.0	10	19	2	9	nw.	Wm. Jardine.
Millinocket	Penobscot	386	7	55.8	.....	79	17	31	30	46	2.61	.....	1.35	0.0	7	9	7	14	nw.	H. S. Ferguson.
North Bridgton	Cumberland	450	17	60.2	+ 0.4	83	4	35	23	35	4.15	+ 0.21	1.42	0.0	11	10	14	6	sw.	G. E. Chadbourne.
Orono	Penobscot	129	41	57.9	+ 0.8	80	5	31	23	39	2.79	− 0.76	1.12	0.0	8	6	12	12	ne.	Agricultural Exp. Station.
Patten	...do	550	8	53.4[i]	.....	75	5	28	30	40[i]	4.63	.....	2.01	0.0	6	10[i]	6[i]	5[i]	w.[i]	Bangor & Aroostook R. R.
Portland	Cumberland	99	39	58.6	− 1.0	79	18	40	23	27	2.89	− 0.31	0.80	0.0	12	9	10	11	n.	U. S. Weather Bureau.
Presque Isle	Aroostook	.....	0	52.3	.....	76	12	26	19	40	2.75	.....	1.70	0.0	11	17	5	8	n.	San Lorenzo Merriman.
Rumford Falls	Oxford	505	17	57.4	− 0.4	75	4†	36	23	30	2.94	− 0.21	1.18	0.0	9	17	8	5	nw.	Chas. A. Mixer.
Winslow	Kennebec	90	15	57.8	.....	80	5	29	23	40	2.51	.....	0.80	0.0	7	11	12	7	w.	Hollingsw'th & Whitney Co.
New Hampshire.																				
Alstead Center	Cheshire	1,120	6	58.0	.....	78	4	37	22†	31	2.67	.....	0.62	0.0	14	17	5	8	nw.	Frank Dewing.
Benton	Grafton	.....	0	56.1	.....	75	4	36	14	33	3.44	.....	1.78	0.0	9	16	6	8	nw.	N. H. State Sanatorium.
Bethlehem	...do	1.470	18	55.9	− 0.6	75	1	31	23	36	3.74	+ 0.07	1.18	0.0	10	17	5	8	nw.	Benjamin Tucker.
Concord	Merrimack	350	50	59.1	0.0	83	4	33	23	38	3.06	− 0.15	1.15	0.0	13	9	12	9	nw.	U. S. Weather Bureau.
Durham	Stafford	88	15	59.0	− 1.5	83	4	31	23	43	2.76	− 1.60	1.25	0.0	7	17	1	12	se.	Agricultural Exp. Station.
Franklin	Merrimack	440	11	59.7	.....	84	13	34	23	37	4.56	.....	1.73	0.0	12	14	9	7	nw.	Dr. C. P. Webster.
Grafton	Grafton	863	24	56.6	− 0.3	80	4†	27	23	41	3.92	+ 0.88	1.15	0.0	12	13	9	8	se.	Perley R. Kimball.
Hanover	...do	603	76	58.8	.....	84	4	33	23	37	3.66	.....	1.07	0.0	12	8	10	12	nw.	Dartmouth College.
Keene	Cheshire	506	25	60.0	+ 0.9	84	4	30	23	40	4.31	+ 0.30	1.35	0.0	11	14	7	9	se.	Samuel Wadsworth.
Nashua	Hillsboro	125	25	61.8	+ 0.7	84	4†	35	23†	37	2.06	− 1.31	0.78	0.0	10	14	7	9	se.	Jackson Company.
Newton	Rockingham	.....	22	58.4	− 1.7	81	4†	29	23	41	1.83	− 1.76	0.64	0.0	8	10	15	5	se.	W. C. Gale.
Plymouth	Grafton	500	22	57.6	+ 0.2	78	13	33	23	34	5.08	+ 1.54	0.99	0.0	11	13[a]	2[a]	14[a]	w.	Mrs. Hattie G. Trow.
Vermont.																				
Bloomfield	Essex	.....	3	55.2	.....	75	4†	31	23	38	3.47	.....	1.10	0.0	13	14	6	10	s.	Lyman Falls L. and P. Co.
Cavendish	Windsor	910	7	58.4	.....	83	4	28	23	43	4.04	.....	1.21	0.0	14	19	4	7	nw.	Miss M. A. Kingsbury.
Chelsea	Orange	830	15	55.7	− 0.5	79	4	28	23	38	5.20	+ 2.19	1.40	0.0	9	13	5	12	n.	W. F. Dewey.
Jacksonville	Windham	1,000	25	55.7	− 0.7	81	13	28	26	43	4.92	+ 1.26	1.75	0.0	13	16	9	5	ne.	Miss Martha French.
Manchester	Bennington	980	11	56.5	.....	75	5†	32	23	31	4.35	.....	0.70	0.0	12	11	9	10	sw.	N. M. Canfield.
St. Johnsbury	Caledonia	711	17	57.6	+ 0.2	77	8	33	23	38	4.55	+ 1.30	1.64	0.0	14	12	5	13	n.	Fairbanks Museum.
Woodstock	Windsor	700	18	56.8	+ 0.1	78	4†	29	11	42	4.95	+ 2.22	1.05	0.0	8	11	4	15	.....	John S. Eaton.
Massachusetts.																				
Amherst	Hampshire	222	21	61.7	+ 1.5	82	13	34	23	36	2.86	− 0.67	0.79	0.0	11	20	3	7	sw.	Agricultural Exp. Station.
Blue Hill	Norfolk	640	26	61.2	+ 0.2	80	7†	44	19†	29	2.29	− 2.21	0.69	0.0	13	12	7	11	s.	Blue Hill Observatory.
Boston	Suffolk	124	40	62.8	+ 0.1	82	7	47	19	26	2.14	− 1.05	0.58	0.0	11	9	9	12	sw.	U. S. Weather Bureau.
Chestnut Hill	...do	124	30	63.4	+ 0.5	84	13	37	30	37	2.65	− 0.62	0.69	0.0	8	18	1	11	.....	Metropolitan Water Board.
Clinton	Worcester	370	14	60.3	.....	80	13	40	15†	32	2.98	.....	0.70	0.0	12	17	2	11	.....	Do.
Concord	Middlesex	139	20	59.7	− 0.3	82	13	31	30	39	2.97	− 0.13	0.78	0.0	14	10	11	9	se.	Fred. A. Tower.
Fall River	Bristol	200	44	63.0	− 0.9	79	7	47	12†	24	2.46	− 1.26	2.00	0.0	8	7	19	4	se.	C. V. S. Remington.
Fitchburg	Worcester	550	27	62.0	+ 0.9	83	13	36	23	35	3.01	− 0.68	0.80	0.0	11	15	6	9	e.	Dr. A. P. Mason.
Framingham	Middlesex	160	30	62.7	+ 0.7	82	13	32	30	38	2.57	− 0.56	0.72	0.0	9	.....	.....	.....	.....	Metropolitan Water Board.
Hyannis	Barnstable	31	19	61.1	− 3.5	79	7	42	29†	22	1.82	− 0.68	1.06	0.0	10	12	11	7	nw.	C. F. Sleeper.
Lawrence	Essex	51	26	61.4	− 0.4	82	4	37	23	33	1.83	− 1.55	0.71	0.0	10	6	20	4	e.	Essex Company.
Lowell	Middlesex	100	25	63.7	+ 1.7	83	7†	37	23†	34	2.04	− 1.32	0.76	0.0	9	.....	.....	.....	.....	Prop's Locks and Canals.
Middleboro	Plymouth	53	24	60.0	− 0.9	82	7	30	30	40	2.00	− 1.99	1.57	0.0	9	5	11	14	.....	A. R. Gurney.
Monson	Hampden	420	26	60.1	− 0.3	79	13†	33	23	34	2.51	− 0.77	0.75	0.0	8	18	4	8	nw.	Dr. G. E. Fuller.
Nantucket	Nantucket	15	24	62.2	− 0.6	80	7	49	30	22	0.61	− 2.12	0.29	0.0	9	10	11	9	ne.	U. S. Weather Bureau.
New Bedford	Bristol	88	98	62.1	+ 0.2	80	7	45	30	21	1.53	− 2.01	1.04	0.0	5	17	1	11	sw.	City Engineer.
Norfolk	Norfolk	244	7	59.8	.....	84	4†	28	30	42	2.21	.....	0.83	0.0	9	19	4	7	se.	Miss Ruby H. Martyn.
Northampton	Hampshire	205	2	60.0	.....	82	8	34	22†	44	3.36	.....	0.90	0.0	9	20	4	6	ne.	D. E. Hoxie.
Plymouth	Plymouth	.....	25	59.7	.....	78	5	40	30	27	1.00	.....	0.27	0.0	8	18	5	7	e.	Miss Laura B. Knapp.
Provincetown	Barnstable	40	23	61.6	− 2.2	80	7	47	11†	20	1.47	− 1.79	1.10	0.0	3	18	0	12	ne.	Gideon Bowley.
Rockport	Essex	25	8	60.3	.....	78	9	43	30	23	2.15	.....	0.75	0.0	8	9	10	11	nc.	C. F. B. Bearse.
Rutland	Worcester	1,160	8	59.6	.....	80	13	42	19	32	3.52	.....	0.80	0.0	8	18	4	8	ne.	State Sanatorium.
South Egremont	Berkshire	764	8	56.9	.....	78	5†	31	23	35	2.41	.....	0.56	0.0	10	.....	.....	.....	s.	Roscoe C. Taft.
Turners Falls	Franklin	200	19	61.8	+ 1.0	80	5	40	23	27	3.19	− 0.23	0.96	0.0	8	.....	.....	.....	.....	Turners Falls Co.
Westboro	Worcester	298	36	64.0	+ 1.5	84	13	35	30	37	2.62	− 0.37	0.63	0.0	10	.....	.....	.....	.....	G. S. Newcomb.
Williamstown	Berkshire	711	19	59.6	+ 0.6	77	5†	36	15	30	5.68	+ 2.80	1.57	0.0	11	12	11	7	w.	Williams College.
Worcester	Worcester	518	18	62.4	+ 1.0	85	13	41	23	31	4.32	+ 1.21	1.18	0.0	12	13	8	9	ne.	G. W. Swan.
Rhode Island.																				
Block Island	Newport	26	30	63.6	− 0.5	76	7	50	19	14	1.21	− 1.79	0.42	0.0	8	17	5	8	ne.	U. S. Weather Bureau.
Bristol	Bristol	53	24	62.2	− 1.5	78	7	43	30	23	2.49	− 1.06	2.10	0.0	8	13	10	7	ne.	N. G. Herreshoff.
Kingston	Washington	250	21	61.6	− 0.8	82	4†	41	30	31	2.67	− 1.19	1.45	0.0	11	15	8	7	e.	Nathaniel Helme.
Narragansett Pier	Newport	22	28	64.0	+ 1.3	85	7	41	30	27	2.28	− 0.98	1.17	0.0	11	18	6	6	s.	U. S. Weather Bureau.
Providence	Providence	182	6	62.2	− 1.0	80	7†	41	30	26	2.68	− 0.51	1.43	0.0	9	11	9	10	n.	Do.
Connecticut.																				
Bridgeport	Fairfield	20	17	66.1	.....	85	7†	41	23	37	1.99	.....	0.79	0.0	8	11	15	4	s.	William Jennings.
Canton	Hartford	900	49	59.8	− 0.7	78	4†	34	23	34	4.32	+ 0.47	1.88	0.0	9	15	4	11	nw.	G. J. Case.
Colchester	New London	370	24	61.4	− 0.8	81	26	34	23	34	2.63	− 0.37	1.58	0.0	9	11	10	9	se.	S. P. Willard.
Cream Hill	Litchfield	1,300	14	62.4	+ 1.1	80	13	41	15†	36	4.05	− 0.47	1.98	0.0	10	15	5	10	s.	C. L. Gold.
Danielson	Windham	300	8	60.9	.....	81	9	32	30	36	4.02	.....	1.59	0.0	8	18	9	3	s.	F. E. Bitgood.
Hartford	Hartford	159	6	63.5	+ 1.8	81	5†	38	23	31	3.41	− 0.09	1.61	0.0	12	7	12	11	s.	U. S. Weather Bureau.
Hawleyville	Fairfield	600	12	62.6	− 0.1	82	5†	35	23	35	2.17	− 2.79	0.52	0.0	8	16	4	10	w.	Edson N. Hawley.
New Haven	New Haven	107	123	64.5	+ 0.6	83	9	43	23	25	1.83	− 1.96	0.57	0.0	9	11	13	6	n.	U. S. Weather Bureau.
New London	New London	47	40	64.2	+ 0.8	82	4	40	30	29	2.21	− 1.17	0.71	0.0	9	12	13	5	nc.	Thos. C. Dillon.
North Grosvenordale	Windham	400	20	60.4	− 1.0	82	7	33	29	39	1.79	− 1.04	0.48	0.0	10	14	9	7	ne.	Grosvenor Dale Co.
Norwalk	Fairfield	116	20	64.4	+ 1.9	84	5	37	23	39	1.42	− 1.86	0.52	0.0	5	18	9	3	sw.	Geo. C. Comstock.
Southington	Hartford	140	41	62.2	+ 0.2	80	5†	33	23	39	1.20	− 1.84	0.40	0.0	6	10	10	10	n.	Luman Andrews.
Storrs	Tolland	640	22	61.9	+ 1.0	81	26	38	23	38	4.66	+ 1.21	2.84	0.0	5	19	2	4	s.	Agricultural Exp. Station.
Voluntown	New London	260	25	60.6	− 0.6	80	26	28	30	40	2.04	− 1.37	1.30	0.0	7	17	4	9	sw.	F. S. Bitgood.
Waterbury	New Haven	400	35	64.6	+ 1.4	84	5†	35	23	42	2.56	− 0.93	0.68	0.0	11	.....	.....	.....	.....	N. J. Welton.
New York.																				
Addison	Steuben	1,000	20	64.1	+ 2.5	87	6	35	15	41	4.73	+ 1.94	1.01	0.0	9	14	7	9	sw.	H. R. Ainsworth.
Albany	Albany	97	89	62.8	+ 0.5	84	6	40	23	29	3.21	+ 0.03	1.37	0.0	10	13	9	8	s.	U. S. Weather Bureau.
Alfred	Allegany	.....	15	59.8	0.0	81	6	30	29	38	3.44	+ 0.01	0.94	0.0	10	.....	.....	.....	.....	F. S. Place.
Amsterdam	Montgomery	277	6	61.0	.....	86	6	36	23	36	4.50	.....	1.10	0.0	9	17	5	8	sw.	Emery Elwood.
Athens	Greene	90	8	63.5	.....	90	6	39	23	31	2.26	.....	0.48	0.0	12	12	9	9	sw.	E. C. Brooks.
Ballston Lake	Saratoga	400	6	60.2	.....	84	6	32	23	36	4.45	.....	0.90	0.0	15	13	6	11	s.	Geo. R. Schauber.

TABLE 1.—*Climatological data for September, 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	67.2	+ 3.9	91	6	43	18†	41	2.06	− 2.11	0.54	0.0	10	21	7	2	.....	Dr. L. Rosenberg.
Binghamton	Broome	875	19	61.2	+ 1.2	83	6	38	15	29	4.56	+ 1.79	1.03	0.0	11	11	7	12	ne.	U. S. Weather Bureau.
Bouckville	Madison	1,350	13	59.8	+ 0.2	82	6	35	22	30	4.39	+ 1.41	0.88	0.0	14	8	6	16	nw.	L. W. Griswold.
Boyds Corners	Putnam	560	28	.....	.....	.....	.....	.....	.....	.....	2.37	− 2.21	.....	.....	.....	.....	.....	.....	.....	Thomas Manning.
Carmel	...do	500	18	63.4	+ 0.1	87	7	39	23	35	2.37	− 2.42	1.45	0.0	10	15	4	11	ne.	Do.
Chatham	Columbia	470	9	61.8	.....	85	6	36	15	32	2.91	.....	0.35	0.0	16	12	10	8	s.	Morton R. Tank.
Cooperstown	Otsego	1,250	56	58.8	+ 0.5	80	5	34	23	32	6.82	+ 3.40	1.48	0.0	11	11	13	6	s.	Elizabeth C. Keese.
Corinth	Saratoga	542	8	.....	.....	.....	.....	.....	.....	.....	5.55	.....	1.10	0.0	10	.....	.....	.....	.....	A. M. Hollister.
Cortland	Cortland	1,129	48	62.8	+ 4.9	81	5†	38	15	33	4.99	+ 1.57	0.74	0.0	13	14	4	12	nw.	F. G. Baker.
Cutchogue	Suffolk	32	33	65.4	− 0.3	83	5†	43	23	30	1.33	− 2.76	0.82	.....	5	15	13	2	sw.	Wm. A. Fleet
De Ruyter	Madison	1,300	7	61.4	.....	83	6	35	15	39	8.31	.....	1.55	0.0	12	10	9	11	s.	B. D. Crandall.
Easton	Washington	.....	20	.....	.....	.....	.....	.....	.....	.....	4.02	+ 0.26	1.47	0.0	10	.....	.....	.....	.....	H. Taber.
Elmira	Chemung	863	31	64.2	+ 1.4	88	6	37	15	36	4.46	+ 1.64	1.00	0.0	11	10	7	13	nw.	Gerity Bros.
Fort Hunter	Montgomery	280	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	C. E. Wing.
Fort Plain	...do	316	6	62.6	.....	82	6	39	23	32	6.30	.....	1.38	0.0	13	14	7	9	w.	Abram Devendorf.
Glens Falls	Warren	340	19	60.7	+ 0.5	83	4	34	23	38	5.12	+ 1.50	1.36	0.0	12	13	5	12	w.	Prof. C. L. Williams.
Gloversville	Fulton	850	18	58.9	− 0.2	81	6	31	23	36	6.41	+ 2.84	1.10	0.0	12	10	14	6	w.	W. L. McLean.
Greenfield Center	Saratoga	314	12	59.4	− 2.4	80	6	34	23	33	6.69	+ 2.31	1.48	0.0	11	14	6	10	ne.	S. E. Darrow.
Greenwich	Washington	425	13	62.6	+ 1.2	85	12	36	23	37	4.15	+ 0.24	0.70	0.0	15	10	16	4	w.	Homer J. Whitcomb.
Griffin Corners	Delaware	2,260	10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Kelsey H. Kelly.
Haskinville	Steuben	.....	15	.....	.....	.....	.....	.....	.....	.....	3.35	+ 0.63	0.90	0.0	11	.....	.....	.....	.....	W. G. Collins.
Homer	Cortland	.....	2	59.6	.....	81	6	35	15	33	4.86	.....	0.91	0.0	13	14	7	9	nw.	Charles C. Mortimer.
Hoosick Falls	Rensselaer	410	8	.....	.....	.....	.....	.....	.....	.....	3.68	.....	0.75	0.0	11	.....	.....	.....	.....	Sanford L. Cluett.
Indian Lake	Hamilton	1,705	11	55.8	− 1.4	79	12	28	10†	40	4.66	+ 0.94	0.90	0.0	11	11	10	9	w.	Lester Severle.
Jeffersonville	Sullivan	1,240	7	61.5	.....	87	6	34	21	42	3.53	.....	1.67	0.0	12	13	11	6	sw.	Chas. Wilfert, Jr.
Lake Pleasant	Hamilton	.....	3	52.0	.....	72	6	31	22	30	4.60	.....	1.00	0.0	10	.....	.....	.....	.....	Willet Lawrence.
Liberty	Sullivan	2 300	28	60.1	+ 2.7	82	6†	38	22	34	4.54	+ 0.82	1.83	0.0	8	17	2	11	se.	Dr. H. M. King.
Little Falls	Herkimer	924	12	59.9	− 0.2	83	6	36	22	34	5.19	+ 1.80	0.93	0.0	11	13	7	10	w.	O. J. Dempster.
Mohonk Lake	Ulster	1,245	14	60.6	− 0.4	85	6	40	10†	e2	5.87	+ 0.85	2.20	0.0	10	15	4	11	nw.	Albert K. Smiley.
Morehouseville	Hamilton	1,697	2	56.5	.....	80	6	28	22	40	6.45	.....	1.15	0.0	11	5	14	11	w.	Theodore C. Remonda.
Mount Hope	Westchester	200	13	64.0	− 0.2	92	6	38	23	41	2.10	− 1.84	1.10	0.0	3	12	12	6	.....	Wm. A. Cornelius.
Newark Valley	Tioga	825	23	.....	.....	.....	.....	.....	.....	.....	4.14	+ 1.00	0.97	0.0	12	14	5	11	.....	M. D. Clinton.
New Berlin	Chenango	.....	3	.....	.....	.....	.....	.....	.....	.....	5.77	.....	1.06	0.0	10	10	6	14	sw.	Roger Greene.
New Lisbon	Otsego	1 234	20	57.9	+ 0.7	84	6	30	23	37	5.45	+ 1.73	1.47	0.0	13	11	3	16	n.	G. A. Yates.
New York City	New York	314	85	68.4	+ 1.9	90	6	54	20	23	1.43	− 2.16	1.17	0.0	5	10	13	7	nw.	U. S. Weather Bureau.
North Creek	Warren	1,002	2	57.5	.....	78	6	33	23	35	4.11	.....	1.36	0.0	8	10	8	12	w.	W. G. Kenwell.
Northville	Fulton	742	8	.....	.....	.....	.....	.....	.....	.....	3.99	.....	1.22	0.0	8	.....	.....	.....	.....	P. C. Pickard.
Norwich	Chenango	1,015	4	61.2[d]	.....	83	6	36	23	33[d]	4.64	.....	1.53	0.0	.....	.....	.....	.....	.....	P. L. Clark.
Oneonta	Otsego	1,112	16	62.8	+ 1.3	87	6	35	23	35	4.48	+ 0.98	0.92	0.0	11	13	8	9	sw.	H. W. Lee.
Oxford	Chenango	916	45	61.5	+ 2.8	81	6	38	23	29	6.58	+ 2.98	1.18	0.0	11	11	7	12	nw.	John P. Davis.
Port Jervis	Orange	470	26	65.0	+ 2.1	90	6	39	23	32	2.08	− 1.75	0.78	0.0	13	10	15	5	ne.	Prof. John M. Dolph.
Salisbury	Herkimer	1,526	13	58.0	− 1.3	74	5†	34	10†	36	4.38	+ 0.44	0.80	0.0	12	10	13	7	w.	Joseph Ryan.
Salisbury Mills	Orange	314	11	63.0	.....	91	6	38	15†	38	2.06	− 2.49	0.56	0.0	9	17	7	6	w.	H. P. Ramsdell.
Scarsdale	Westchester	200	6	64.2	.....	87	6	44	15†	30	1.45	.....	0.75	0.0	4	25	3	2	nw.	C. H. Wilmarth.
Setauket	Suffolk	40	25	65.6	+ 0.8	84	6	47	23	27	1.19	− 2.42	0.76	0.0	5	19	5	6	e.	Selah B. Strong.
Sherburne	Chenango	.....	3	.....	.....	.....	.....	.....	.....	.....	3.15	.....	0.78	0.0	6	.....	.....	.....	.....	E. B. Collins.
Southampton	Suffolk	36	9	65.0	.....	81	9	43	23	25	1.17	.....	0.61	0.0	8	15	13	2	se.	W. L. Jagger.
Southeast Reservoir	Putnam	310	15	.....	.....	.....	.....	.....	.....	.....	1.77	− 2.48	.....	.....	.....	.....	.....	.....	.....	Thomas Manning
Spier Falls	Saratoga	400	9	59.8	.....	81	4	32	23	37	4.78	.....	0.71	0.0	10	13	9	8	sw	W. F. Anderson.
Trenton Falls	Oneida	751	7	.....	.....	.....	.....	.....	.....	.....	5.95	.....	1.48	0.0	11	.....	.....	.....	.....	C. W. Young.
Tribeshill	Montgomery	268	7	.....	.....	.....	.....	.....	.....	.....	5.30	.....	1.20	0.0	8	.....	.....	.....	.....	R. S. Marshall.
Utica	Oneida	537	44	.....	.....	.....	.....	.....	.....	.....	5.50	+ 1.93	1.12	0.0	13	.....	.....	.....	.....	W. E. Young.
Wading River	Suffolk	112	4	62.2	.....	85	5	34	23	36	1.19	.....	0.76	0.0	9	25	2	3	s.	H. B. Fullerton.
Wappingers Falls	Dutchess	110	20	63.1	− 0.2	86	6	42	15†	30	3.92	− 0.08	0.72	0.0	13	10	17	3	sw.	H. C. Townsend.
Warwick	Orange	538	16	.....	.....	.....	.....	.....	.....	.....	2.12	− 2.01	0.60	0.0	11	.....	.....	.....	.....	John W. Sly.
Waverly	Tioga	824	28	62.4	+ 1.0	89	6	32	15	42	4.15	+ 1.17	0.93	0.0	13	5	12	13	s.	Hon. J. F. Shoemaker.
West Berne	Albany	946	11	59.8	− 1.0	82	12	31	23	40	4.30	+ 1.28	1.31	0.0	8	9	4	17	se.	W. J. Haverly.
West Point	Orange	167	61	65.5	+ 0.7	90	7	45	23	30	2.45	− 1.29	1.40	0.0	13	7	20	3	e.	Maj. Chas. M. Gandy.
Windham	Greene	1,520	10	59.0	− 0.6	86	6	33	23	36	5.57	+ 2.20	2.43	0.0	12	12	16	2	nw.	A. R. Mott.
Pennsylvania.																				
Altoona	Blair	1,181	22	66.8	+ 3.8	87	6	43	15	29	5.12	+ 2.36	1.09	0.0	15	.....	.....	.....	.....	C. W. Billin.
Bethlehem	Northampton	260	1	69.2	.....	91	6	45	17	25	5.54	.....	2.01	0.0	12	15	0	15	w.	Prof. E. C. Roest.
Clearfield	Clearfield	1,107	2	64.4	.....	84	6†	36	15	36	6.74	.....	2.20	0.0	15	15	7	8	w.	Raymond C. Ogden.
Emporium	Cameron	1,050	22	63.0	+ 0.8	85	6	37	15	32	5.00	+ 1.65	1.54	0.0	11	13	9	8	w.	T. B. Lloyd.
Ephrata	Lancaster	384	11	67.0	+ 0.6	94	6	41	17	38	2.38	− 1.19	1.21	0.0	6	19	6	5	w.	W. L. Frantz.
Everett	Bedford	1,080	13	65.2	+ 2.0	89	6	40	17†	32	4.68	+ 2.04	1.13	0.0	10	9	16	5	w.	B. L. Steckman.
George School	Bucks	184	4	67.3	.....	92	6	41	23†	36	2.44	.....	1.30	0.0	6	22	5	3	s.	Prof. A. C. Smedley.
Gettysburg	Adams	600	36	68.6	+ 4.3	95	6	43	16†	38	2.26	− 0.91	0.80	0.0	9	13	9	8	sw.	Col. E. B. Cope.
Gordon	Schuylkill	804	7	64.0	.....	88	6	36	17	39	4.69	.....	1.15	0.0	13	13	11	6	e.	Capt. J. G. Johnson.
Hamburg	Berks	380	19	66.6	+ 0.4	91	6	43	20	36	8.42	+ 4.18	3.60	0.0	6	21	3	6	sw.	W. J. Kalbach.
Harrisburg	Dauphin	361	22	68.0	+ 1.8	90	6	50	17	26	2.78	− 0.15	1.90	0.0	13	11	8	11	n.	U. S. Weather Bureau.
Huntingdon	Huntingdon	650	22	66.6	+ 2.1	87	6	40	15	34	6.43	+ 3.15	1.53	0.0	14	12	7	11	w.	Prof. W. J. Swigart.
Hyndman	Bedford	977	4	66.7	.....	91	6	37	17	41	3.03	.....	1.62	0.0	7	14	9	7	n.	H. C. Mauk.
Lawrenceville	Tioga	1,006	13	63.8	+ 2.4	89	5	33	15	44	4.45	+ 1.88	1.00	0.0	8	14	4	12	.....	C. P. Darling.
Lebanon	Lebanon	458	22	68.4	+ 2.9	91	6	47	17†	27	6.14	+ 3.10	2.00	0.0	12	13	9	8	se.	G. W. Hayes, C. E.
Lock Haven	Clinton	560	22	66.4	+ 1.5	86	6	40	15	35	5.38	+ 1.84	1.46	0.0	13	7	12	11	w.	Prof. J. A. Robb.
Marion	Franklin	640	7	67.8	.....	94	6	40	29	40	3.08	.....	1.47	0.0	8	16	12	2	.....	Hon. C. B. Hege.
Mauch Chunk	Carbon	634	21	65.6	+ 1.2	89	6	40	17	37	4.37	+ 0.35	1.60	0.0	11	15	6	9	w.	F. C. Wintermute.
Mifflintown	Juniata	445	7	64.8	.....	90	6	37	15	34	4.68	.....	1.57	0.0	13	9	4	17	w.	Wellington Smith.
Milford	Pike	455	8	63.2	.....	92	6	36	23	35	3.49	.....	1.25	0.0	15	13	14	3	se.	Mrs. Alla Doughty.
Montrose	Susquehanna	1,658	7	61.8	.....	86	6	40	15†	34	3.77	.....	1.15	0.0	12	.....	.....	.....	.....	J. R. Beebe.
Muncy Valley	Sullivan	519	1	62.2[e]	.....	84	6	40	14	32[b]	5.27	.....	1.10	0.0	8	17[d]	0[d]	9[d]	.....	F. W. Buck.
New Germantown	Perry	873	7	65.0	+ 0.3	89	6	39	15	37	4.37	+ 0.86	1.74	0.0	9	16	1	13	w.	Ed. C. Johnston.
Philadelphia (1)	Philadelphia	117	40	70.0	+ 2.6	92	6	55	29	24	3.05	− 0.33	1.74	0.0	5	8	11	11	n.	U. S. Weather Bureau.
Pocono Lake	Monroe	1,662	9	59.9	.....	82	6	34	17	37[a]	4.76	.....	1.06	0.0	10	10[a]	7[a]	12[a]	w.	Pocono Lake Ice Co.
Reading	Berks	280	37	68.0	+ 2.3	90	6	43	17	34	2.37	− 1.02	1.24	0.0	9	.....	.....	.....	.....	Franklin Yeager.
Scranton	Lackawanna	805	10	64.8	+ 2.6	86	6	43	17	30	4.45	+ 1.59	1.61	0.0	15	7	12	11	n.	U. S. Weather Bureau.
Selinsgrove	Snyder	455	22	66.4	+ 1.6	90	6	42	29	34	5.66	+ 2.20	1.73	0.0	15	0	21	9	se.	J. M. Boyer, C. E.
State College	Center	1,191	22	63.2	+ 0.3	85	6	41	15	34	6.38	+ 3.55	1.60	0.0	13	.....	.....	.....	sw.	Prof. Wm. Frear.
Towanda	Bradford	754	16	62.9	+ 0.3	86	6	38	15	32	5.14	+ 2.21	1.89	0.0	12	16	7	7	nw.	Hiram E. Bull, C. E.
Wellsboro	Tioga	1,327	33	61.3[g]	+ 1.6	89	13	32	15	41[g]	3.98	+ 1.34	1.33	0.0	10[g]	10[g]	4[g]	9[g]	s.	O. L. White.
West Chester	Chester	455	55	68.6	+ 3.4	93	6	50	15†	29	2.58	− 1.77	1.50	0.0	7	14	8	8	s.	J. C. Green, D. D. S.
Williamsport	Lycoming	530	20	65.4	+ 1.4	86	6	41	15	30	3.79	+ 0.58	1.76	0.0	10	16	5	9	n.	Henry H. Guise.
New Jersey.																				
Asbury Park	Monmouth	22	22	68.4	+ 1.5	94	6	51	30	24	1.47	− 1.77	1.09	0.0	7	14	10	6	se.	B. H. Obert.
Atlantic City	Atlantic	16	37	68.7	+ 1.1	86	9	54	29	20	1.46	− 1.59	1.17	0.0	7	14	9	7	s.	U. S. Weather Bureau.
Bayonne	Hudson	50	20	68.1	+ 1.3	93	6	47	23	29	1.85	− 2.04	1.48	0.0	6	16	7	7	nw.	J. H. Eadie.

TABLE 1.—*Climatological data for September, 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 Jersey—Cont'd.																				
Belvidere	Warren	289	19	65.8	+ 0.7	90	6	42	15†	34[a]	3.57	− 0.35	1.04	0.0	10	11	9	10	.....	S. J. Hixson.
Bergen Point	Hudson	37	13	67.6	+ 0.9	93	6	47	23	32	2.03	− 2.50	1.52	0.0	5	13	10	7	nw.	Dr. W. H. Mitchell.
Boonton	Morris	413	20	.....	.....	.....	.....	.....	.....	.....	2.75	− 1.74	1.05	0.0	8	.....	.....	.....	.....	Foster Peer.
Bridgeton	Cumberland	30	29	70.1	+ 1.9	97	6	48	29†	35	1.78	− 1.80	0.95	0.0	3	14	8	8	ne.	H. A. Jorden.
Burlington	Burlington	12	26	.....	.....	.....	.....	.....	.....	.....	1.74	− 2.18	0.86	0.0	5	.....	.....	.....	n.	D. S. B. McCoy.
Canton	Salem	24	16	.....	.....	.....	.....	.....	.....	.....	1.36	− 1.87	1.21	0.0	2	11	11	8	.....	J. H. Maskell.
Cape May City	Cape May	17	26	69.8	+ 0.8	86	6	53	17	20	2.38	− 0.62	2.01	0.0	8	16	9	5	se.	U. S. Weather Bureau.
Charlotteburg	Passaic	719	18	63.4	+ 1.0	89	6	32	30	46	2.62	− 2.06	1.10	0.0	8	13	11	6	se.	G. S. Briggs.
Chatham	Morris	234	8	.....	.....	.....	.....	.....	.....	.....	3.12	.....	0.85	0.0	7	.....	.....	.....	.....	M. A. Butler.
Clayton	Gloucester	126	17	68.5	+ 1.8	93	6	46	16†	34	2.87	− 0.82	.....	0.0	4	14	6	10	w.	W. T. Farley.
College Farm	Middlesex	100	15	67.2	+ 1.0	91	6	42	30	33	3.49	− 0.13	2.41	0.0	7	14	8	8	se.	G. B. Thrasher.
Culver's Lake	Sussex	848	9	.....	.....	.....	.....	.....	.....	.....	3.57	.....	1.34	0.0	11	14	10	6	s.	B. E. Riker.
Dover	Morris	575	26	62.6	0.0	88	6	38	23	38[a]	2.59	− 1.89	0.91	0.0	10	10	15	5	.....	W. C. Harris.
Elizabeth	Union	33	31	68.0	+ 1.0	91	6	47	23	29	1.88	− 2.18	1.52	0.0	5	14	8	8	s.	W. M. Oliver.
Flemington	Hunterdon	187	22	68.0	+ 2.9	93	6	42	30	37	3.36	− 0.62	2.21	0.0	8	11	9	10	sw.	H. E. Deats.
Haddonfield	Camden	75	16	68.3	+ 2.3	94	6	43	15	32	2.21	− 1.53	1.40	0.0	6	8	12	10	ne.	C. F. Richardson.
Hammonton	Atlantic	80	12	.....	.....	.....	.....	.....	.....	.....	2.70	− 0.99	1.42	0.0	5	.....	.....	.....	.....	Orville Bassett.
Hightstown	Mercer	85	18	67.5	+ 0.9	94	6	41	23	38	2.25	− 1.63	1.61	0.0	6	12	10	8	ne.	Ernst Wenger.
Imlaystown	Monmouth	106	24	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Dr. F. C. Price.
Indian Mills	Burlington	76	21	67.8	+ 1.7	96	6	41	23	40	1.67	− 2.50	0.55	0.0	6	13	9	8	ne.	James Armstrong.
Jersey City	Hudson	15	12	69.4	+ 2.2	93	6	50	15†	28	1.58	− 2.13	1.29	0.0	4	14	11	5	se.	S. K. Pearson, jr.
Lakewood	Ocean	54	8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	H. R. Major.
Lambertville	Hunterdon	95	24	66.8	+ 0.8	91	6	41	23	33	3.24	− 0.94	2.55	0.0	4	12	10	8	ne.	W. R. Bowne.
Layton	Sussex	550	11	62.9	+ 1.1	90	6	35	23	38	3.04	− 0.83	0.80	0.0	11	13	10	7	sw.	W. C. Hursh.
Little Falls	Passaic	175	7	.....	.....	.....	.....	.....	.....	.....	2.63	.....	0.98	0.0	8	.....	.....	.....	.....	A. Sweetman.
Long Branch	Monmouth	30	3	69.3	.....	93	6	49	30	28	2.44	.....	2.00	0.0	3	14	11	5	sw.	B. B. Bobbit.
Mahwah	Bergen	312	8	.....	.....	.....	.....	.....	.....	.....	2.40	.....	1.10	0.0	4	.....	.....	.....	.....	C. L. Barker.
Moorestown	Burlington	71	48	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	J. C. Beans.
Newark	Essex	140	67	68.1	+ 2.2	93	6	48	30	33	2.29	− 1.56	1.62	0.0	7	10	13	7	se.	Prof. Wm. Wiener.
New Brunswick	Middlesex	61	57	68.2[e]	+ 2.2	95	6	44	15†	38[e]	3.59	− 0.26	2.25	0.0	7	13	9	8	.....	W. T. Woerner.
Newton	Sussex	678	31	65.4	+ 1.8	90	6	36	23	42[a]	.....	.....	0.99	0.0	.....	13	9	8	n.	B. H. Kienbaum.
Northfield	Atlantic	.....	3	.....	.....	.....	.....	.....	.....	.....	1.17	.....	0.59	0.0	3	.....	.....	.....	.....	W. L. Flick.
Paterson	Passaic	110	39	67.0	+ 0.8	92	6	43	23	35	2.29	− 2.15	0.93	0.0	10	5	19	6	se.	H. A. Probert.
Phillipsburg	Warren	196	13	66.7	+ 1.3	92	6	44	17†	35	3.97	+ 0.19	1.62	0.0	10	13	8	9	n.	D. W. Smith
Plainfield	Union	100	24	67.0	+ 2.6	93	6	43	23	38	2.54	− 1.91	1.70	0.0	8	8	15	7	ne.	John Neagle.
Pleasantville	Atlantic	26	12	.....	.....	.....	.....	.....	.....	.....	1.33	− 2.08	1.13	0.0	3	14	10	6	.....	L. Van Gilder.
Pompton Plains	Morris	195	8	.....	.....	.....	.....	.....	.....	.....	2.28	.....	0.82	0.0	7	.....	.....	.....	.....	M. S. Taylor.
Rancocas	Burlington	68	47	.....	.....	.....	.....	.....	.....	.....	3.77	− 0.18	2.50	0.0	6	9	11	10	se.	Spencer Haines.
Rivervale	Bergen	70	19	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	G. S. M. Holdrum.
Somerville	Somerset	76	27	68.0	+ 2.7	94	6	42	30	38	2.71	− 0.95	1.93	0.0	7	12	8	10	e.	P. Hardcastle.
South Orange	Essex	200	40	65.5	+ 1.4	90	6	44	23	27	1.80	− 2.29	1.20	0.0	4	14	10	6	ne.	Dr. W. J. Chandler.
Sussex	Sussex	442	20	64.8	+ 0.9	88	6	39	23	33	2.83	− 1.08	0.87	0.0	10	13	9	8	sw.	Prof. W. H. Seeley.
Trenton	Mercer	60	38	69.9	+ 2.7	95	6	47	23	29	2.50	− 1.44	1.45	0.0	7	11	10	9	nw.	Paul H. Wendel.
Tuckerton	Ocean	23	17	67.2	+ 1.2	96	5†	40	22	32	1.44	− 1.92	0.81	0.0	3	13	9	8	se.	F. R. Austin.
Vineland	Cumberland	118	41	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Alfred Chalmers.
Woodbine	Cape May	43	19	68.2	+ 1.9	92	6	44	23	33	1.01	− 3.02	0.99	0.0	3	14	7	9	.....	Prof. H. A. Dodge.
West Virginia.																				
Bayard	Grant	2,500	8	62.6	.....	83	4†	32	17	40	2.24	.....	0.45	0.0	12	9	15	6	w.	Solomon Clark.
Burlington	Mineral	875	15	67.2	+ 2.2	92	6	37	17	43[a]	2.28	− 0.53	0.70	0.0	7	7	20	3	w.	J. W. Vandiver.
Franklin	Pendleton	.....	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	A. A. Martin.
Lost City	Hardy	.....	4	66.7	.....	88	5†	40	16	33	1.28	.....	0.42	0.0	6	13	13	4	w.	B. D. Hinegardner.
Martinsburg	Berkeley	435	19	69.1	+ 2.6	95	6	43	16	37	0.92	− 1.66	0.32	0.0	6	20	6	4	se.	G. W. Van Metre, C. E.
Moorefield	Hardy	900	14	68.8	+ 2.5	94	4†	37	16	51	2.28	− 0.35	0.67	0.0	6	8	22	0	s.	John C. Fisher.
Romney	Hampshire	824	14	68.0[h]	+ 1.6	95	6	38	17	45[h]	2.71	+ 0.31	1.30	0.0	10	8[h]	9[h]	5[h]	w.	John C. Linthicum.
Upper Tract	Pendleton	1,230	12	67.7	+ 1.2	90	6	35	17	43	1.38	− 0.85	0.55	0.0	7	6	16	7	w.	J. M. Mallow.
Maryland.																				
Annapolis	Anne Arundel	45	32	70.4	+ 0.7	92	5	52	18	29	2.54	− 1.56	1.40	0.0	4	22	4	4	ne.	W. M. Abbott.
Bachmans Valley	Carroll	860	17	69.3	+ 4.3	98	6	38	29	40	0.60	− 3.31	0.28	0.0	5	22	4	4	s.	Elmer E. Yingling.
Baltimore	Baltimore	115	40	71.6	+ 3.0	96	6	53	17	30	2.13	− 1.72	1.58	0.0	4	14	10	6	n.	U. S. Weather Bureau.
Cambridge	Dorchester	25	12	73.2	+ 2.4	97	6	50	18	39	1.24	− 2.32	0.62	0.0	3	22	2	6	ne.	T. E. Keenan.
Cheltenham	Prince George	230	10	70.8	.....	93	6	44	17†	36	1.34	.....	0.73	0.0	5	17	7	6	ne.	J. E. Burbank.
Chestertown	Kent	80	25	70.1	+ 2.4	92	6	50	17	29	0.94	− 2.83	0.51	0.0	4	20	4	6	s.	M. W. Thomas.
Chewsville	Washington	530	13	69.0	+ 2.5	94	6	41	16	50	1.94	− 0.46	0.62	0.0	10	11	18	1	se.	D. Paul Oswald.
Clear Spring	...do	650	13	70.8	+ 4.9	90	6	56	15†	22	3.54	+ 1.18	0.88	0.0	11	10	16	4	sw.	W. W. Frantz.
Coleman	Kent	80	12	71.0	.....	95	6	50	30	31	0.74	− 3.26	0.53	0.0	3	21	4	5	n.	J. S. Harris.
College Park	Prince George	170	20	70.1	+ 1.9	96	6	40	16†	45	0.92	− 2.56	0.41	0.0	4	18	10	2	se.	Prof. H. J. Patterson.
Cumberland	Allegany	700	36	.....	.....	.....	.....	.....	.....	.....	3.97	+ 1.34	1.40	0.0	8	.....	.....	.....	e.	J. W. Frantz.
Darlington	Harford	300	18	68.3	+ 2.0	91	6	47	17†	33	1.07	− 3.01	0.60	0.0	4	16	8	6	sw.	Prof. A. F. Galbreath.
Denton	Caroline	42	15	69.5	+ 0.8	93	6	44	30	35	1.39	− 2.50	0.60	0.0	4	23	2	5	s.	H. B. Mason.
Easton	Talbot	35	19	69.1	+ 0.4	90	6	46	30	30	1.44	− 1.79	1.13	0.0	5	20	4	6	sw.	Henry Shreve.
Emmitsburg	Frederick	720	37	69.5	+ 4.0	92	6	49	17†	31	1.72	− 1.80	0.71	0.0	7	16	10	4	w.	Jno. H. Eckenrode.
Fallston	Harford	450	40	69.2	+ 3.5	95	6	48	30	33	1.15	− 3.31	0.62	0.0	4	2	24	4	s.	J. H. Curtiss.
Frederick	Frederick	275	33	70.0	+ 2.9	95	6	43	17	33	0.66	− 2.59	0.34	0.0	6	15	9	6	ne.	Henry Trail.
Frostburg	Allegany	1,929	9	67.0	.....	87	6†	41	10†	34	3.36	.....	1.15	0.0	13	11	15	4	.....	L. B. Abbott.
Great Falls	Montgomery	200	19	69.6	+ 1.5	96	6	45	17	36	2.49	− 0.75	1.90	0.0	6	17	10	3	se.	J. W. Bissett.
Green Spring Furnace	Washington	450	18	69.4	+ 2.3	93	6	45	15	32	3.02	+ 0.53	1.44	0.0	7	18	9	3	w.	E. G. Kinsell.
Keedysville	...do	400	6	70.1	.....	96	6	39	16	42	1.10	.....	0.55	0.0	7	17	9	4	s.	J. A. Miller.
Lake Montebello	Baltimore	.....	1	.....	.....	.....	.....	.....	.....	.....	1.76	.....	1.22	0.0	4	18	4	8	s.	Martin L. Dobler.
La Plata	Charles	190	1	72.0	.....	94	6	46	29	32	2.33	.....	1.21	0.0	3	21[b]	1[b]	6[b]	sw.	Prof. R. H. Lee Reich.
Laurel	Prince George	150	16	69.4	+ 1.1	95	6	42	18	38	1.11	− 2.60	0.50	0.0	4	11	17	2	.....	Dr. T. M. Baldwin.
Monrovia	Frederick	630	23	69.2[e]	+ 2.7	94	6	45	17	31[e]	2.46	− 1.06	1.31	0.0	9	15	9	6	s.	J. H. Lawson.
Pocomoke City	Worcester	37	17	71.5	+ 1.2	95	6	53	17†	23	3.46	+ 0.41	1.05	0.0	7	18	5	7	s.	Hon. R. M. Stevenson.
Porto Bello	St. Mary	38	5	72.4	.....	95	6	53	17†	26	2.10	.....	1.10	0.0	2	22	3	5	ne.	Alpheus Hyatt.
Princess Anne	Somerset	17	17	68.9	+ 0.7	90	6	47	30	28	2.10	− 0.84	1.22	0.0	7	6	18	6	ne.	Jas. R. Stewart.
Rockville	Montgomery	421	3	70.2[d]	.....	91	6	51	15†	27[d]	1.94	.....	0.85	0.0	5[d]	14[d]	8[d]	4[d]	.....	Dr. Geo. E. Lewis.
Salisbury	Wicomico	23	5	70.8	.....	93	6	45	18†	38	2.40	.....	1.98	0.0	5	14	13	3	.....	W. E. Downing.
Sanatorium	Frederick	1,200	2	67.0	.....	89	6	47	15	29	1.54	.....	0.63	0.0	8	20	6	4	w.	Dr. W. M. Garrison.
Solomons	Calvert	20	19	72.6	+ 0.9	94	6	57	18	24	1.90	− 0.88	0.95	0.0	6	8	10	12	s.	Dr. W. H. Marsh.
Sudlersville	Queen Anne	65	11	70.8	+ 2.3	94	6	45	18	39	0.88	− 3.60	0.71	0.0	6	18	7	5	s.	Jas. E. Higman.
Takoma Park	Montgomery	320	12	68.8	+ 1.6	92	6	46	17	33	0.27	− 4.08	0.10	0.0	6	18	10	2	.....	L. M. Moores.
Taneytown	Carroll	450	11	68.4	.....	94	6	39	16†	38	1.09	− 2.20	0.34	0.0	7	25	1	4	se.	R. A. Nusbaum.
Towson	Baltimore	465	2	69.2	.....	95	6	44	17	36	1.17	.....	0.48	0.0	6	20	4	6	se.	C. W. E. Treadwell.
Van Bibber	Harford	100	13	68.6	+ 1.3	91	6	43	29	34[b]	1.63	− 2.96	1.03	0.0	3	12[b]	12[b]	4[b]	s.	W. Benj. Ford.
Westernport	Allegany	1,000	16	67.9	+ 2.1	90	4†	40	16†	40	2.57	+ 0.15	0.76	0.0	7	.....	.....	.....	.....	Prof. O. H. Bruce.
Woodstock	Baltimore	392	36	70.8	+ 5.1	93	6	46	17†	33	1.62	− 2.04	1.18	0.0	4	21	7	2	se.	Rev. A. J. Donlon, S. J.
Delaware.																				
Delaware City	New Castle	20	8	69.8	.....	91	6	51	18	28	0.56	.....	0.29	0.0	2	26	1	3	ne.	H. Morton Price.

TABLE 1.—*Climatological data for September, 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	71.4	+ 3.6	96	6	47	17	38	0.78	− 3.18	0.50	0.0	4	15	10	5	se.	Thos. F. Dunn.
Milford	...do	20	26	70.4	+ 2.3	93	6	50	30	29	0.95	− 3.09	0.38	0.0	4	13	12	5	e.	C. J. Holzmueller.
Millsboro	Sussex	20	18	68.6	0.0	93	6	46	30	34	0.29	− 3.04	0.17	0.0	4	21	3	6	ne.	Rev. L. W. Wells.
Seaford	...do	40	17	69.2	+ 0.8	90	6	48	30	28	1.24	− 1.94	0.65	0.0	5	20	4	6	s.	E. B. Brown.
District of Columbia.																				
Washington	District of Columbia	112	40	71.0	+ 2.9	94	6	48	18	34	2.15	− 1.44	1.14	0.0	4	16	7	7	s.	U. S. Weather Bureau.
Virginia.																				
Culpeper	Culpeper	450	2	69.4	.....	93	6	42	18	37	1.30	.....	0.66	0.0	4	11	16	3	se.	Col. H. C. Burrows.
Dale Enterprise	Rockingham	1,350	30	68.1	+ 1.5	93	6	36	17	42	2.29	− 1.39	1.20	0.0	6	9	17	4	s.	Rev. L. J. Heatwole.
Doswell	Hanover	134	9	72.2[e]	.....	93	6	.....	.....	.....	0.78	.....	0.57	0.0	2	3	.....	.....	se.	Rich., Fdksbg. & Pot. R. R.
Eastville	Northampton	15	.....	70.8	.....	86	6	51	18	27	0.72	.....	0.22	0.0	6	24	3	3	ne.	Thos. B. Robertson.
Fredericksburg	Spottsylvania	100	21	71.4	+ 2.1	95	6	44	18	39	1.29	− 1.09	0.58	0.0	4	15	10	5	se.	S. G. Howison.
Lincoln	Loudoun	500	9	71.4	.....	101	6	37	17	48	1.30	.....	0.33	0.0	6	10	16	4	sw.	Dr. Geo. Roberts.
Mount Weather	...do	1,726	6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	U. S. Weather Bureau.
Quantico	Prince William	16	13	71.6	.....	94	6	43	18	35	.....	.....	.....	0.0	.....	.....	.....	.....	nw.	Rich., Fdksbg. & Pot. R. R.
Staunton§§	Augusta	1,380	18	69.2	+ 1.2	90	6	40	16	36	0.67	− 2.79	0.20	0.0	9	13	12	5	sw.	Ernest Nothnagel.
Stephens City	Frederick	710	18	69.2	+ 0.9	98	6	37	17	41	0.42	− 2.88	0.33	0.0	3	15	4	11	s.	B. T. Argenbright.
Warsaw	Richmond	160	18	70.8[d]	+ 0.9	92	6	45	18	40	0.18	− 2.99	0.08	0.0	5	13	15	2	e.	C. H. Constable.
Woodstock	Shenandoah	927	14	70.4	+ 2.8	98	6	39	16†	48	1.18	− 1.52	0.32	0.0	5	11	15	4	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 September, 1910. District No. 1, North Atlantic States.*

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	
Maine.																																	
Bar Harbor	Coast			T.	T.	.40	.20	.10	T.	.15					.05			T.	.07	T.						T.	T.		.15				1.12
Cornish	Saco	.19		.45		.77	.34							1.38						T.		.01				.18		T.	.08				3.40
Danforth	Penobscot				.06		T.	.65		.10				T.	.70											.05			.25				1.80
Eastport	Coast			.01	.13	.60	.03	.02							.28			.19	.01	T.	.03					.01	.27		.26				1.84
Ellsworth	...do	.01			.18	T.	.19	.53	T.		.05				.90	.01			.04	T.		.01					.14	T.	.31	T.			2.37
Fairfield	Kennebec	.14		.39		.14	.70			.02				.65																			2.04
Farmington	...do			.09	.11	.09	.56	.13		.01				.19	.71					.05						.08		.10	.18				2.30
Gardiner	...do	.02			.45	.23	.35	.11		.01					1.03					.03	.08						.16	T.	.11				2.58
Greenville	...do			.32		.10	1.07	.02	.08	.14				.38					T.	.04	.01					.13		.28	.20				2.77
Houlton	St. John							.50																		.25		.10					0.85
Lewiston	Androscoggin	.11	.02	.29	.09	.66	.29			T.				.50	.42					.03	.04				T.	T.	.10		.13				2.68
Madison	Kennebec			.16		.10	.77							*	1.40					.04		.11				.07	.05		.25				2.95
Millinocket	Penobscot				.20		.05	1.35		.10					.48												.25		.18				2.61
North Bridgeton	Saco			1.42		.98	.25							1.04					.05	.05		T.				.02	.02	.02	.20				4.15
Oquossoc	Androscoggin			.25		.08		.42		.11					1.12					.63						.53			.25				2.79
Orono	Penobscot						1.00		.10					.50								.30				.30			.85				3.05
Patten	...do				2.01		.34	1.62		.36					.20														.10				4.63
Portland	Coast	.38		.47	T.	.44	.56			.01				.59	.21			T.		.02	.01	.01			T.	T.	.12		.07				2.89
Presque Isle	St. John				.15		T.	1.70	.01	.30	T.			.11	.01		.04				.14	T.				.23	.02		.04				2.75
Rumford Falls	Androscoggin			.24		.48	.50			.05				1.14	.04											.16		.07	.26				2.94
The Forks	Kennebec					.75				.15				.46												.20				.60			2.16
Winslow	...do			.50		.21	.74			.07				.80						.08									.11				2.51
New Hampshire.																																	
Alstead Center	Connecticut	.04		.42	.27	.03	.44	.01		.14				.22	.62										.66	.15	.12	.06	.09				2.67
Benton	...do			.55		*	1.78							.63						T.	.05	.03			.20	.11			.09				3.44
Bethlehem	...do			.44		.54	.64			.06				.17	.61							.07				.28		.09	.84				3.74
Brookline	Merrimac	T.		.65	.15	.75	.10			.02				.05						.05					.45			.10					2.32
Concord	...do	.30		.87	T.	.35	.22	.01		.03				1.13	.02							T.			.12	.06	.02	.01	.02				3.06
Durham	Coast	.35		1.25		.58	.13			.09																.30		.06					2.76
Franklin	Merrimac	.35		.35	.28	.05	1.36	.03		.04					1.73											.20	.04	.05	.08				4.56
Grafton	...do	.25		.43		.62	.25			.02				.10	1.15							.05			T.	.20	.42	.08	.35				3.92
Hanover	Connecticut	.35		.50	T.	1.07	.57	T.		.02		T.	T.	.37	.02	T.	T.	T.	T.			T.			.06	.07	.32	.22	.09				3.66
Keene	...do	.31		.47	.24	.07	1.35	.10		.30				1.03						T.		T.			T.	.28	.09	T.	.07				4.31
Nashua	Merrimac	.04		.64		.78	.11			T.				T.	.03					.04					.31	.01		.07	.03				2.06
Newton	...do	T.		.53		.08	.64			T.					.07					T.					.32		.09	.05	.05				1.83
Plymouth	...do	.22		.45	.23	.83	.96	.09						T.	.80					T.		T.				.43	.25	.12	.67				5.08
Vermont.																																	
Bloomfield	Connecticut			.29	.32	.12	.50	.17		.06				.05	.15							.60	.01			.09		.01	1.10				3.47
Cavendish	...do	.45		.45	.11	.10	.66	.01							1.21						.01	.08			.16	.13	.15	.21	.31				4.04
Chelsea	...do	.42		.65		1.10	.68	.05						.55								.20				.15		1.40					5.20
Jacksonville	...do	T.		.30	1.75	.65	.60	.40						.60					.05	.05	.07				.15	.13	.10	.07					4.92
Manchester	Hudson	.29		.70	.24	.18	.66			.22				.56								.22			.11	.23		.41	.53				4.35
St. Johnsbury	Connecticut			.57	.06	.25	.83	.05		.09				.02	.40				.02			.04				.36	.07	.15	164				4.55
Vernon	...do			.97	.11	1.05	.65		.12	T.				1.65											.36	.06							4.97
Woodstock	...do			.65	.22	1.03	1.05							.43											*	.98		.59					4.95
Massachusetts.																																	
Amherst	Connecticut	.06		.79	.09	.67	.67			.02				.01								.01			.33			.19	.02				2.86
Ashland	Merrimac	.35		.53		.40	.80			.01					.09						*	.09			*	.05		*	.26				2.58
Bakers Bridge	...do	.35	.07	.20	.45	.29	.74	.09													.13	.07				.12		.21	.11				2.83
Bedford	...do	.28		.28	.49	.24	.49	.03		.01					.08					.14	.04	.39			T.	.17		.15	.09				2.88
Blue Hill	Coast	.26	T.	.16	.08	.32	.69	.35		.05					.14					.02	.04	.08			T.	T.		.01	.09				2.29
Boston	...do	.49		.45	.01	.58	.28			.01					T.					.03		.14				.03			.07	.05			2.14
Chestnut Hill	...do	.69		.61	.31	.10	.46														.25				.04			.19					2.65
Clinton	Merrimac	.38		.70	*	.61	.34								.01					.14		.26			*	.22		.25	.07				2.98
Concord	...do	.23	.01	.30	.48	.29	.67	.06		.02					.03					T.	.09	.41			T.	.16	T.	.15	.07				2.97
Fall River	Coast	.10	.02	.04	.06	2.00	.13			.01										.10													2.46
Fitchburg	Merrimac	.07		.80	.15	.40	.74			.02										T.	.07				.07	.34		.30	.05				3.01
Framingham	...do	.45		.45		.51	.72														.07	.05			.11			.13	.08				2.57
Haverhill	...do	.04		.04	.70	.24	.52	.12		.03					.04						.01					.23	.10	.07	.08				2.22
Hingham	Coast		.14		.26	.36	.86			T.					.20			T.		T.	T.	.29						T.	T.				2.11
Hyannis	...do	.38	.04	.02		1.06		.05						.02				.05		*	.18								.02				1.82
Jefferson	Merrimac	.30		.65		*	.94															.24			.17			*	.48				2.78
Lake Cochituate	...do	*	.62	.46		.43	.49			.01										.08	.07				.12			*	.22				2.50
Lawrence	...do	T.		.71		.53	.11			.05				T.	.01					T.					*	.14	.08	.10	.10				1.83
Leominster	...do	.29		.53	.38	.67	.29			T.					.05					.03					.32	.03		.15	.21				2.95
Lowell	...do	.09		.76	.32		.25								.09						.09					.26		*	.18				2.04
Middleboro	Coast	.01			.12	1.00	.57	.21		.02					.04	.02				.01													2.00
Monson	Connecticut	.15		.60	.15	.75	.23	.08												T.					T.			.20	.35				2.51
Nantucket	Coast	.28	.01	.03	.03	.61	.04								T.	.02		T.		.12		.07											0.61
New Bedford	...do	.30		.07		1.04										.07				.05													1.53
Norfolk	...do	.03	.07	.08		.57	.30	.83		T.					T.						.17	.09						T.	.07				2.21
Northampton	Connecticut			.90	.36	.72	.75			.03															.19			*	.39	.02			3.33
Plymouth	Coast		.05	.18		.24		.27						*	.08			.09		.09													1.00
Princeton	Merrimac	.28		.46		*	1.35														.16					.24		*	.37				2.86
Provincetown	Coast	.16				1.10		.21							T.			T.															1.47
Rockport	...do		.10		.75	.50	.10												.15			.20					.10		.25				2.15
Rutland	Connecticut	.47		.80		.54	.68			T.										T.		.10			.35	T.		*	.58				3.52
Somerset	Coast	.03	.04	.14		1.48	.27			.03							.10			.20													2.29
South Egremont	Housatonic	.18		.56	.35		.36		.03					.33											.31	.04	.17	.08					2.41
Spot Pond	Coast	.37		.65	.34	.44	.13		.01					.03						.03	.15				.09			.22	.02				2.38
Sterling	Merrimac	.15		*	.88	*	1.04			T.															.29			*	.30				2.66
Taunton	Coast	T.	T.	.27		1.25		.45		.02					T.					.05					T.			T.	T.				2.04
Turners Falls	Connecticut	.05			.80	.96		.49		.05				.37						T.						.40	T.		.07				3.19
Westboro	Merrimac		.47	*	.47	.47	.08	.63												.15					.10			*	.25				2.62
Williamstown	Hudson	.25	.01	.92	.06	1.08	1.57			T.				1.21											.22	.04	.18	.14					5.68
Winchendon	Connecticut	.09		.60	.20	.11	.73	.72		.05				.08	.05										.20	.33	.12	.07					3.05
Worcester	Coast	.47	.20	.69		.52	1.18			T.					T.					.11	.13	.61			.08	.02		.21	.10				4.32
Rhode Island.																																	
Block Island	Coast	.36	.01	.12		.20				T.					.04					.04		.42						.02					1.21
Bristol	...do	*	.18	.07		2.10	.08			.02					.02					.02					T.								2.49
Greene	...do		.15		.25	2.72		.67		.03					.01					.08													3.91
Hope Valley	...do	.48	.04	T.	.14	1.25	.01	.04		.05					T.					T.	.07	.08						T.	.05				2.21
Kingston	...do	.63	.06	.09	.09	1.45	T.	.05		.05					.05					.08		.04							.08				2.67
Narragansett Pier	...do	.60	.08	.06	.09	1.17				.03					.01	.02				.03	.04								.15				2.28
Pawtucket	...do		.06	.34	1.30			.83		.01					.01					.02									.01				2.58
Providence	...do	.01	.02	.29		1.43	.88			.02					T.					.01					.01			T.	.01				2.68
Wallum Lake	...do	.01	.10	.36	.30	.18	.33			.02					.14							.03				.01		.03	.18				1.70
Connecticut.																																	
Bridgeport	Coast	.65	.11	.25	.02	.79	.07	.03		T.															.07				T.				1.99
Canton	Connecticut	*	.17	.65		1.88	.81							T.						.04		.68						.14	.55				4.52
Colchester	Coast	.30	.07	.17	.10	1.58	.13			.05					T.					T.	.17	.06						T.	T.				2.63
Cream Hill	Housatonic	.01		.26	.52	.06	1.98							.27						.01					.05			.28	.61				4.05
Danielson	Coast	.08	.04		1.55	.38	.03	1.59														.19							.16				4.02
Falls Village	Housatonic		.11	.68		1.07	1.62			.01				.19											.05			.15	.46				4.34

TABLE 2.—*Daily precipitation for September, 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.
Connecticut—Cont'd.																																	
Hartford	Connecticut	.03	.02	.38	.01	1.00	1.61			.02				T.	T.					.03		.02			.01	T.		.06	.22				3.41
Hawleyville	Housatonic	.40		.52		.46	.15															.47		.09	.04				.04				2.17
Lake Konomoc	Coast	.55		.15		.80																.27											1.77
New Haven	...do	.54	.03	.33	T.	.31	.08			.02				T.	T.					T.		.35			.07			.10	T.				1.83
New London	...do	.53	.17	.01	.19	.71	.15													.20		.21			T.			.04					2.21
North Grosvenordale	...do	.10	.04	.37		.45		.48		.03											.65	.04						.03	.20				1.79
Norwalk	...do	.52	.03	.28		.52	.07																										1.42
Southington	...do	.10		.40			.30			T.												.05			T.	T.		.15	.20				1.20
South Manchester	Connecticut	.43		.35		.73														.02					.08				.37				1.98
Storrs	Coast			.41		1.17	2.84													.09									.15				4.66
Voluntown	...do	.32			.15	1.30	.04			.05					T.						.14	.04						T.					2.04
Wallingford	...do	.30		.17	.13	.36	.35		T.										.08	T.	.40				T.			.02					1.81
Waterbury	Housatonic	.18	.09	.33	.19	.68	.42							.06			T.					.18			.06		.18	.19					2.56
West Simsbury	Connecticut	*	.14	.76		.74	1.37			T.				.03						T.		.05			.02			.18	.70				3.99
New York.																																	
Addison	Susquehanna	T.		.92	.12	.28	1.01							T.					T.						.82	.42	.91	.24	.01				4.73
Albany	Hudson	T.		.48	.04	.58	.92		T.	.11				.23					T.	T.	T.	T.			.19	.30	.08	T.	.28				3.21
Alfred	Susquehanna			.67	.14		.94		T.	.10				.04					.07	T.				.10	.57	.70		.11					3.44
Amsterdam	Mohawk	.05		1.10	.70	.18				.20				.69					T.	T.					.58	.55		.45					4.50
Athens	Hudson	.12	.06	.48		.26	.06			.04				.36	T.					T.	T.				.44	.06	.12	.68	.18				2.26
Ballston Lake	...do	.03		.90	.06	.63	.54	.04		.22				*	.33				T.			.36	T.		*	.38	.36	.34	.26				4.45
Bedford	Coast	.54	.20	.47	.09	.18	.08			.12												.18			.12				.08				2.06
Binghamton	Susquehanna	.06		1.03	.52		.69		.05					.35					T.						.77	.05	.04	.95	.05				4.56
Bouckville	...do	.88		.40	.04	.05	.50			.46				.15						.01			.05		.25	.22	.59	.32	.47				4.39
Carmel‖	Hudson	.37	.09		1.45	.02		.07		.05					.03							.09						.04	.16				2.37
Chatham	...do	.61	.03	.35	.17	.22	.08	.03		.06				.18	.11						.01				.35	.06	.22	.22	.21				2.91
Cooperstown	Susquehanna	.24		1.28	.10	.95	.63		.23					.48							.02			.48	1.48		.93						6.82
Corinth‖	Hudson			.90	1.10		.80	.26		.20				.24												.50	.40	.10	1.05				5.55
Cortland	Susquehanna	.40		.74	.60		.15	.36		.15				.18					.02						.22	*	1.12	.44	.61				4.99
Cutchogue	Coast	.82		.12	.07															.10	.22	T.			T.								1.33
De Ruyter	Susquehanna	.86		.58		.27	1.55			.31				.13					.11						.32	1.19	.81	1.21	.07				8.31
Easton	Hudson	.15		.78		*	1.47			.41				.23												.36	.16	*	.46				4.02
Elmira	Susquehanna	.02		1.00	.70	.20	.54							.02					.01					.60	.20	.25		.92					4.46
Fort Hunter‖	Mohawk																																
Fort Plain	...do	.24		1.00	.02	.67	.53	.26		.42				.59	.03				T.				T.		.73	.11	.32	1.38					6.30
Glens Falls	Hudson	.49		.39		.21	.61			.18				.39	.02							T.			.30	1.06	.30	.63	.54				5.12
Gloversville	Mohawk	.25		1.10		.95	.60			.30				.66	.06				T.			T.			.55	.10	.23	.72	.89				6.41
Greenfield Center	Hudson	.65		1.38		.15	1.48			.27				.57											.50	.22	.51	.78	.48				6.69
Greenwich	...do	.19		.70	.20	.16	.41	.28		.18				.35	.12							.04			.26	.07	.34	.33	.52				4.15
Griffin Corners	Delaware																																
Haskinville	Susquehanna	.15		.54	.41		.90			.17				.25					.07						.46	*	.23		.17				3.35
Homer	...do	.15		.72	.62	.08	.41							.42					.01	.01					.30	.75	.28	.20	.91				4.86
Hoosick Falls‖	Hudson	.10	.05		.75	.12	.45	.30		.34					.29											.34	.40	.54					3.68
Indian Lake	...do	.90		.40		.41	.45							.40								.15			.20	.25	.40	.50	.60				4.66
Jeffersonville	Delaware	T.	.25	1.67		.13	.36	.07		.10			.07						T.	T.	.06			T.	.23	.23	.11	.25					3.52
Lake Pleasant	Hudson	.30		1.00	.20		.30							.20								.10			.30	.70	.30	1.00					4.60
Liberty	Delaware	.53		1.83		T.	.35		.15					.45							.10				T.	.73	.40						4.54
Little Falls	Mohawk	.33		.60		.82	.73			.42									T.		.04	T.			.36	.02	.63	.30	.93				5 19
Mohonk Lake	Hudson	.69		*	1.20	.58	.68	2.20						.09													.28	.10	.05				5.87
Morehouseville	Mohawk	.30		.80		1.15	.50			.05				.15											.50	1.00	.40	.50	1.10				6.45
Mount Hope	Coast	1.10				.60																							.40				2.10
Newark Valley	Susquehanna	.06		.97	.38	.35	.73			T.				.27					.06						.44	.10	.50	.13	.15				4.14
New Berlin‖	...do	.67	.15		1.06	.21	.67	.50		.25															T.	.39	1.16		.71				5.77
New Lisbon	...do	.23		.85	.10	.28	.44			.18				.27						.01					.37	.02	1.47	.84	.39				5.45
New York City	Coast	1.17	.01	.05			.15			.05					T.					T.							T.	T.					1.43
North Creek	Hudson			.90		.28	.48							.17											*	.35	.21	.36	1.36				4.11
Northville‖	...do			.75	.10	.40			.35					.67											.40			.10	1.22				3.99
Norwich‖	Susquehanna	.28	.14			1.53	.25	.42		.14																	1.26	.62					4.64
Oneonta	...do	.28		.92	.13	.49	.78			.09				.40											.38		.31	.14	.56				4.48
Oxford	...do	.15		1.13	.79	1.18		.90						.35					T.						.35	.06	.72	.08	.87				6.58
Port Jervis	Delaware	.35	.05	.25	.78	.18	.02		.08					.09					.01						.03	.09	.11	.04					2.08
Salisbury	Mohawk	.40		.57	.80	.07				.14				.18					.06						.56	.34	.41	.31	.54				4.38
Salisbury Mills	Hudson	.20	.30	.56		.22				.05					.47										.03			.10	.13				2.06
Scarsdale	Coast	.25	.50	.25		.45		T.																									1.45
Setauket	...do	.76	T.	T.	.07	.17	.08	T.		.11															T.								1.19
Sherburne‖	Susquehanna				.54	.15	.63	.73	T.																		.78		.32				3.15
Southampton	Coast	.61	T.	T.	.03	T.		.08		.06					T.	.07				.05	.22				.05				T.				1.17
Spier Falls	Hudson	.53		.69		.56	.71			.20				.37											.40		.22	.57	.53				4.78
Trenton Falls‖	Mohawk	.19		.98	.03	.30	.75			T.					.30								.11			.48	1.30	.03	1.48				5.95
Tribeshill‖	...do	.10		1.10			1.00			.10					.90										.60	.30			1.20				5.30
Utica‖	...do	.45		.31	.66		.66	.13		.15				.02	.53					.17					.09	.80	.41		1.12				5.50
Wading River	Coast	.76		.02	.10	.01	.01	.06	.01												.17				.05								1.19
Wappingers Falls	Hudson	.10	.51	.72	.24	.02	.10			.08				.64	.05							.42			.28	T.		.14	.62				3.92
Warwick	...do	.60	.10	.54			.25			.05				.10	.06							.03			.08			.28	.03				2.12
Waverly	Susquehanna	.06	.02	.93	.01	.68	.27							.28	T.				.02	T.					.86	.33	.12	.27	.30				4.15
West Berne	Mohawk	.05		.55		.39	1.10							1.31	.09										.13	T.	.68						4.30
West Point	Hudson	.50		*	1.40	.05	.10		.05					.05								.05		.05	.05		*	.05	.10				2.45
Windham	Mohawk	.15	.06	.83		.34	.32			.11				2.43	.10					T.					.58	T.	.31	.07	.27				5.57
Pennsylvania.																																	
Altoona	Susquehanna	.66	.02	.65	1.09	.06		.38		.19		.30		.19						.01	T.				.01	.10	.28	.78	.40				5.12
Ansonia‖	...do		T.	.38	.82	.51		.10		.14		T.	.02		T.					T.	T.				.06	.80	.80	.08	.89				4.60
Austin	...do	T.		1.24	.45	.05	.35		T.	.07															.90	.56	.25	.15					4.02
Bellefonte	...do	.57		1.20	.65	.25		.45			.24										.10				.14	.37		.57					4.54
Bethlehem	Lehigh	2.01	.19	.43		.02	.47					.07			1.08						.04				.22		.06	.88	.07				5.54
Browers Lock	Schuylkill	1.20	.40	.15			.58														.01						.02						2.36
Catawissa	Susquehanna	1.14	T.	.62	.08		.05			.21		.53		.22							.10					.97	.26	.32					4.50
Center Hall	...do	.72	.21	2.00	.70		T.			.36		.22		T.				T.	T.		.05				.05	.75	.20	.21	.22				5.70
Clearfield	...do	.01	.11	2.20	.70		.08			.19		.14		.01						.05	.25			.01	2.00	.18	.69	T.	.12				6.74
Coatesville	Coast	.78	.05	.27			.30					.05		.02													.30						1.77
Doylestown	Schuylkill	1.49	1.15	.66		.16	.87														.58												4.91
Drifton	Susquehanna	1.30	.10	.65	.03		.42			.35		.20		.25							.05				T.	.56	.17	.23	.20				4.51
Emporium	...do	T.	.04	1.54	.36	.05	.44		.06	.09				.51					T.	T.					.76	1.06	.09	T.					5.00
Ephrata	...do	1.21		.32	.02		.30					.02		.51																			2.38
Everett	Juniata	1.13	.14	.53	.61		.11							.51						.06					.56	.77			.26				4.68
Forks of Neshaminy	Delaware	1.43	.11		.15		.27														.31												2.27
George School	...do	1.30	.09	.20			.06	.64							T.	T.				T.	.15				T.								2.44
Gettysburg	Potomac	.80	T.	.34	.01	.03	T.					.05		.73												.01		.05	.24				2.26
Girardville	Susquehanna	1.50	.10	.96	.03	.02	.41			.25		.36		T.							.19				.25	.80		.48					5.35
Gordon	...do		.09	1.03	.03	.02	1.15			.13		.51		.05							.06					.54	.61	.34	.13				4.69
Hamburg	Schuylkill	3.60		1.20			1.68														.07					1.65	.22						8.42
Hanover	Susquehanna	.49	.02	.21		.02	.41					.04		T.														T.					1.19
Harrisburg	...do	1.58	.01	.42	.01	.01	.16					.07		.29						.02	.01				T.	.04	.01	.15					2.78
Huntingdon	Juniata	1.53	.13	.72	1.10	.15	.33			.14		.72		.35					T.	.10					T.	.10	.70	.10	.26				6.43
Hyndman	Potomac	.60		1.62	T.		.04				T.	T.		T.					.11	T.					.08	.14		.44					3.03

TABLE 2.—*Daily precipitation for September, 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	
Pennsylvania—Cont'd.																																		
Kennett Square	Coast	.67		.19			.58																				.10							1.54
Lancaster	Susquehanna																																	
Lansdale	Schuylkill																																	
Lawrenceville	Susquehanna	T.		.85	T.	.80	.40												.05						1.00	.20	.30	.85						4.45
Lebanon	...do	1.38	.03	.28	T.	.01	.68					.05	.02	.07							T.					2.00	1.50	.11	.01					6.14
Le Roy	...do	.18	.07	1.18	.02	.10	.05					.01		.10					T.		.05				.94	.25	1.32	.02	.18					4.47
Lewisburg	...do	1.55	.12	.78	.11	.10	.04					.56		.11							.05					.19	.41	1.43	.45		.02			5.92
Lloyd	...do																																	
Lock Haven	...do	.65	.18	1.28	.45		.04			.55		.34		.04											.43	.36	.20	.06	.80					5.38
Marion	Potomac	1.47		.37	T.	.17	.08					.10		.74												.10		.05						3.08
Mauch Chunk	Delaware	.90	.18	1.60	.07		.12			.26		.21		.61							.05				T.	.16		.21						4.37
Mifflintown	Juniata	1.57	.12	.46	.27	.04	.14			.06		.94		.03							.02					.46	.05	.52						4.68
Milford	Delaware	.78	.06	1.25	.12		.25	.02		.09		.01		.20	.03							.03			T.	.10	.10	.18	.07					3.49
Montrose	Susquehanna	.20	.12	1.15		.26	.18			.06				.20											.46	.05	.91	.03	.15					3.77
Mountain House	Juniata	1.35	.05	.38	.64		.06					.18		.91						.18								.12						3.87
Muncy Valley	Susquehanna	.48		1.10		.82	T.	.43				.21	T.												.31	T.	.88	1.04	T.					5.27
New Germantown	...do	1.74		.23	.70		.70					.10								.10						.30		.40	.10					4.37
Ottsville	Delaware	2.34	.13	.63		.03	.83							.08						.01									.01					4.06
Philadelphia (1)	...do	1.71	.12	.15			1.06														.01													3.05
Pocono Lake	...do	.98	.28	.75			.78					.26		1.06							.15				T.			.13	.17					4.76
Point Pleasant	...do	2.92	.14	.37			.72							.03															.12					4.30
Pottsville	Schuylkill	2.03	.07	.87	.02		.36			.11		.39									.15						.05	.36	.02					4.43
Reading	...do	1.24	.11	.25	.02		.48					.13		.01							.08					.05								2.37
Renova‖	Susquehanna	.12	.10	.70	1.72	.04		.24		.16		.24	.04							.02	.04				.14	.54	.82	.36	.34					5.62
Scranton	...do	.26	.02	.82	.02		.50			.08		.15		.14							.01			.10	.16	1.60	.01	.49	.09					4.45
Seisholtzville	Schuylkill	1.64	.10	.31	.23		.26			.03		.10									.04					.05			.10					2.86
Selinsgrove	Susquehanna	1.73	.16	.55	.07	.06	.67			.21		.87	.02	.24							.06					.31	.06	.52	.13					5.66
Shawmont	Schuylkill	1.42	.05	.45			.30																				.05							2.27
Shippensburg	Susquehanna	1.29	.09	.12		.30	.05					T.	T.	.40	.02											.34			.08					2.69
Smiths Corners	Schuylkill	2.67		.50			.72																											3.89
Spring Mount	...do	1.31	.10	.53	.13		.25			.02											.01				.06			.01						2.52
State College	Susquehanna	.75	.20	1.60	.74	T.	.14			.28		.40							.01	T.	T.				.20	1.05	.29	.51	.21					6.38
Towanda	...do	.07	.05	1.40		.12	.29			.02		.01		.02											1.06	.03	1.89	T.	.18					5.14
Wellsboro	...do		.04	1.00	.13	.40								.10											.42	.30	1.03	.10	.46					3.98
West Chester	Coast	1.50	.05	.20	.03		.36																				.42	.02						2.58
Wilkes-Barre‖	Susquehanna	.60	.32	T.	.54	.02		.06		.25		.16		1.60							.20				.02	1.10	.04	.11	.42					5.44
Williamsport	...do	.26		1.76	.29				.55			.28								.08					.20	.13	.03	.23						3.79
New Jersey.																																		
Asbury Park	Coast	1.09	.05	.01			.26		.01						.01														.04					1.47
Atlantic City	...do	1.15	.04	.01			.01								.01					T.	.20								.04					1.46
Bayonne	...do	1.48	.02	.06			.23			.03					T.										T.		.03	T.	T.					1.85
Belvidere	Delaware	1.04	.28	.54		.10	.32			.15		T.		.11							.08				.23			.72						3.57
Bergen Point	Coast	1.52	.05	.06			.34			.06																		T.						2.03
Boonton‖	Passaic	.40	.45		1.05	.08		.25		.12																		.09	.31					2.75
Bridgeton	Coast	.95	.55	.28											T.																			1.78
Burlington‖	Delaware	.86		.12			.60								.03						.13													1.74
Canton	Coast	1.21	.15																	T.					T.									1.36
Cape May City	...do	2.01	.05	.04			.01									.04				.16	.05										.02			2.38
Charlotteburg	Passaic	.67	.11	1.10		.12	.05			.26																	.16	.15						2.62
Chatham‖	...do	.85	.35		.25	.05		.45		.12	T.																	T.	.05					2.12
Clayton	Coast	*	2.33	.27			.27																											2.87
College Farm	...do	2.41	.04	.07	T.		.77			.08					T.						.08				.04		T.							3.49
Culvers Lake	Delaware	.83	.24	1.34		.07	.18			.16		.02		.12												.10		.47	.04					3.57
Dover	Passaic	.81		.91		.08	.34			.21		.02		.03											.01			.14	.04					2.59
Elizabeth	Coast	1.52	.08	.09			.15																				.04							1.88
Flemington	...do	2.21	.07	.28			.50			.03				T.							.06				.01			.17						3.36
Haddonfield	Delaware	1.40	.11	.13			.50								.03						.04						T.							2.21
Hammonton	Coast	.42	1.42	.07			.53														.26													2.70
Hightstown	Delaware	1.61	.04	.07			.26														.24								.03					2.25
Imlaystown	...do																																	
Indian Mills	Coast	.55	.49	.18			.14								.03						.28													1.67
Jersey City	...do	1.29		.09			.08			.12					T.						T.				T.		T.	T.						1.58
Lakewood	...do																																	
Lambertville	Delaware	2.55		.18			.45								.06						T.								T.					3.24
Layton	...do	.80	.27	.77		.15	.41			.06				.08							.15					.19		.11	.05					3.04
Little Falls	Passaic	.98	.11	.48		.04	.10			.12																	.58	.22	T.					2.63
Long Branch	Coast	2.00		T.			.41														.03													2.44
Mahwah‖	Passaic	.80		1.10		.20				.30																								2.40
Moorestown	Delaware																																	
Newark	Passaic	1.62	.12	.25			.05			.02															T.		.21	.02						2.29
New Brunswick	Coast	2.25		.15			.95			.05											.12				.03				.04					3.59
Newton	Delaware	.60		.99						.29				.06																				
Northfield	Coast	.50	.59	T.											T.						.08													1.17
Paterson	Passaic	.93	.14	.41	.05	.12	.06			.12												T.			T.		.22	.12	.12					2.29
Phillipsburg	Delaware	1.23	.11	.71			.09			.01		.03		.12							.03				.02	T.		1.62	T.					3.97
Plainfield	Coast	1.70	.12	.18	.02		.44			.04											T.				.03	.01	T.		T.					2.54
Pleasantville	...do	1.13		.05																	.15													1.33
Pompton Plains‖	Passaic	.28	.56		.82	.29		.09		.13																			.11					2.28
Rancocas	Delaware	2.50	.03	T.			1.12								.01					T.	.10						.01							3.77
Rivervale	Coast																																	
Somerville	...do	1.93	.10	.22	.01		.24			.06					T.						.15				T.									2.71
South Orange	...do	1.20		.22			.30			.08					T.										T.		T.							1.80
Sussex	Hudson	.77	.25	.87		.03	.20			.10				.18							.08					T.		.18	.17					2.83
Trenton	Delaware	1.45	.30	.10			.53														.06				T.			.03	.03					2.50
Tuckerton	Coast	.81	.30																		.33													1.44
Vineland	...do																																	
Woodbine	...do	.99	.01				.01													T.	T.													1.01
West Virginia.																																		
Bayard	Potomac	.41	.08	.27	.02	.04	.45	T.		.03		T.		.44					T.	T.		.22	.03		.06		T.	T.	.19					2.24
Burlington	...do			.20		T.	.25		.10					.25						T.					.50	.28		.70						2.28
Franklin	...do																																	
Harpers Ferry‖	...do		.31		.22	.21		.10																			T.			.15				0.99
Lost City	...do	.25			.42	T.		.18							.18										T.	.20	.05			T.	T.			1.28
Martinsburg	...do	.32		.20	.03		.20					.05								.12														0.92
Moorefield	...do	T.	.15	T.	T.	.25	T.							.49						T.						.45	.67	T.	.27	T.	T.			2.28
Romney‖	...do	1.30	.08		.11	T.		.22			.06									.53	.02					.17	.04		.18					2.71
Upper Tract	...do	.25		.08		.10	T.			.17				T.										T.				.18	.05		.55			1.38
Maryland.																																		
Annapolis	Coast		1.40	.20			.67								.27																			2.54
Bachmans Valley	...do	.24	.02	.28		.01	.05													T.														0.60
Baltimore	...do	1.58	T.	.32		T.	.17							.06	T.					T.	T.				T.	T.								2.13
Cambridge	...do	.62		.47			.15																											1.34
Cheltenham	...do	.73	.07	.20				.26							.08																			1.34
Chestertown	...do	.51	.10	.08			.25														T.													0.94

TABLE 2.—*Daily precipitation for September, 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	.34	.02	.35	.04		.07					.27		.03	.08					.12						T.		.62					1.94
Clear Spring	...do	.84	.88	.10	.42	.71		.13					.24	.01	.05					.07			T.			T.	T.		.09				3.54
Coleman	...do	.53	T.	.17			.04																										0.74
College Park	...do	.31		.12			.41								.08																		0.92
Cumberland	...do	1.06	.45	.10	.60							T.			.04					.02						T.	.30		1.40				3.97
Darlington	Coast	.60	.04	.21			.22							T.		T.											T.						1.07
Denton	...do	.49	.60	.18				.12		T.																							1.39
Easton	...do	1.13	.04	.03			.15																		.09								1.44
Emmitsburg	Potomac	.71		.52	T.		.08					.04														.13		.22	.02				1.72
Fallston	Coast	.62	.02	.36			.15							T.	T.										T.								1.15
Frederick	Potomac	.34	.07	.07	T.	.04	.12													T.								T.	.02				0.66
Frostburg	...do	1.15	.02	.85	.02		.10			.01		.06	T.	.10						.18		.03			.54	.28			.02				3.36
Great Falls	...do	.04	.38	.08	.03			.06							1.90																		2.49
Green Spring Furnace	...do	1.44		.30	.60		.17					.27								.07								.17					3.02
Keedysville	...do	.55	.08	.20		.02	.05					T.			T.					.19						T.		.01					1.10
Lake Montebello	Coast	1.22	T.	.30			.20					T.		T.	.04											T.							1.76
La Plata	...do	*	*	1.08			1.21							T.						.04				T.									2.33
Laurel	...do	.24	.22				.50								.15																		1.11
Monrovia	Potomac	.22	.12	.10		.10	.31					.02		1.31														.23	.05				2.46
Pocomoke City	Coast	.94	.78	.20							1.05					.14				.06									.29				3.46
Porto Bello	...do	1.10	T.							1.00										T.													2.10
Princess Anne	...do	1.22	.03	.10						.47						.06				.18											.04		2.10
Rockville	Potomac	.61		.08			.85								.22					.18													2.94
Salisbury	Coast	1.98	.05	T.				.04		T.	.25									.08									T.				2.40
Sanatorium	Potomac	.63	.05	.34	T.	.08	.01			T.	T.	.20	T.	T.	T.					.03						T.	T.		.20	T.			1.54
Solomons	Coast	.63	.01	.04			T.			.95	T.									.24					.03						T.		1.90
Sudlersville	...do	.71	.05	.02			T.									T.				.01	.06				.03								0.88
Takoma Park‖	...do	.05	.03	.10	.01				.03		T.				.05																		0.27
Taneytown	Potomac	.32	.04	.34		.13	.05					.06		.15																			1.09
Towson	Coast	.08	.01	.26	T.		.33					T.		.01	.48																		1.17
Van Bibber	...do	1.03		.35			.25																										1.63
Westernport	Potomac	.68	T.	.65			.15					.13													.03	.17			.76				2.57
Woodstock	Coast	.13	T.	.05		T.	.26	T.						1.18	T.				T.					T.									1.62
Delaware.																																	
Delaware City	Coast	.27	.29	T.			T.								T.					T.					T.								0.56
Dover	...do	.50	.16	.05			.07																										0.78
Milford	...do	.38	.31	.21	T.			.05													T.								T.				0.95
Millsboro	...do		.08	.03						.01										.17											T.		0.29
Seaford	...do	.65	.16	.10				.26		.07																							1.24
District of Columbia.																																	
Washington	Coast	1.14	T.	.11			.39						T.	.51	T.					T.													2.15
Virginia.																																	
Culpeper	Rappahannock	.33	.12	.19						T.					.66																		1.30
Dale Enterprise	Shenandoah	.15	.05			.30														T.		T.				.58		1.20			.01		2.29
Doswell	Pamunkey	.57									.21																						
Eastville	Coast		.18	.05							.10				T.	.22				.05	.12										T.		0.72
Fredericksburg	Rappahannock	.58	.01	.58						.12		T.								T.				T.									1.29
Lincoln	Potomac	.18		.14		.33	.23						.30		.12																		1.30
Mount Weather	...do																																
Quantico	...do	.13																															
Staunton	Shenandoah	.01	.03	.02	.17	T.	.20													T.		.08			.02	.12		T.			.02		0.67
Stephens City	Potomac					.05									.04					T.							.33						0.42
Warsaw	Rappahannock		.03							.02	.03									.08					.02								0.18
Woodstock	Shenandoah	.31		.23		.24	.08															.32											1.18

TABLE 3.—*Maximum and minimum temperatures at selected stations, September, 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...	69	52	70	48	77	50	63	57	67	36	72	56	66	59	69	62	70	61	70	57	67	61	69	61	70	54	72	64
2...	65	48	64	42	75	44	60	52	64	29	67	49	75	46	78	55	64	57	69	59	64	55	70	54	78	56	74	59
3...	62	46	63	37	70	35	63	48	72	34	65	42	68	44	69	51	68	54	68	37	67	52	67	48	71	55	71	52
4...	63	52	71	50	79	53	71	52	71	47	75	54	83	55	80	58	80	57	80	57	75	65	79	65	79	60	80	62
5...	56	52	67	49	80	52	66	60	75	35	72	54	70	63	76	68	72	65	76	66	76	68	74	67	73	59	81	68
6...	62	54	64	54	74	58	63	56	66	45	63	60	65	59	80	65	65	61	72	66	71	63	72	62	78	57	77	67
7...	55	53	65	54	76	56	78	55	56	49	74	59	78	58	80	61	82	62	82	62	80	66	80	67	75	59	78	64
8...	60	51	69	53	71	53	66	59	69	51	73	60	75	52	76	53	68	61	72	51	70	57	72	58	76	53	74	58
9...	61	51	67	51	74	53	78	53	65	53	75	55	79	51	76	55	81	57	76	57	73	59	80	58	75	58	78	57
10...	61	45	66	41	70	37	61	49	71	34	66	41	68	41	71	41	64	51	67	42	65	51	68	49	78	42	70	48
11...	63	47	68	35	73	34	60	44	74	34	68	41	71	41	73	45	64	52	67	38	61	50	70	48	74	48	73	48
12...	60	45	70	34	72	37	65	46	76	43	71	42	74	42	79	46	65	52	73	46	67	56	74	48	76	52	78	50
13...	64	51	66	47	71	48	68	51	61	50	68	49	80	46	82	51	81	57	75	45	68	54	71	53	80	58	80	54
14...	57	50	63	44	66	47	65	51	64	41	64	48	66	48	67	49	66	56	68	56	64	59	65	53	74	52	66	53
15...	66	47	66	35	72	33	68	48	69	30	68	40	71	40	74	42	65	51	67	42	64	59	68	48	69	41	70	45
16...	59	50	65	38	73	41	64	51	68	31	66	44	66	41	72	41	64	52	67	38	64	60	66	48	71	45	70	44
17...	61	49	63	36	67	38	68	49	66	30	67	41	70	44	72	43	65	51	62	47	61	53	65	50	73	49	70	46
18...	74	53	63	45	73	44	79	52	65	35	71	44	80	42	78	42	82	56	78	38	75	53	78	54	78	56	81	52
19...	55	47	51	32	68	40	60	45	60	26	52	46	60	45	64	48	66	47	63	52	64	58	65	46	70	48	66	48
20...	57	52	63	43	68	40	65	46	63	45	69	46	73	47	73	46	71	49	69	48	63	57	71	46	71	41	71	48
21...	66	50	63	44	73	49	73	53	69	41	67	50	74	48	76	53	78	59	79	51	75	58	77	58	74	48	75	58
22...	60	49	54	42	70	40	64	47	60	34	58	43	63	39	70	42	64	50	65	44	61	50	67	48	68	43	67	48
23...	61	45	62	31	66	31	63	40	62	30	66	36	70	33	69	34	71	49	67	33	64	50	66	45	70	44	69	38
24...	61	50	60	43	66	48	62	51	60	41	66	52	67	50	64	54	64	57	69	46	69	56	68	57	66	48	65	58
25...	56	48	56	40	64	37	61	54	55	31	59	50	67	49	78	54	77	59	73	58	68	56	72	57	74	55	77	58
26...	62	54	67	54	74	56	68	58	62	41	70	52	75	54	78	58	77	57	80	55	74	57	80	61	78	52	77	62
27...	59	52	67	45	74	43	60	56	66	33	62	50	62	48	65	58	65	59	68	54	66	58	66	58	65	56	72	59
28...	68	53	63	54	72	55	72	53	65	54	64	50	70	52	71	48	77	59	78	60	72	59	76	56	73	52	72	55
29...	60	47	61	40	70	40	64	49	65	37	64	42	69	43	71	40	63	52	65	40	62	50	68	45	75	50	69	48
30...	61	47	66	32	68	38	63	49	71	34	67	38	71	35	70	39	70	50	67	30	64	49	64	41	70	48	69	45
31...	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mns	61.5	49.7	64.1	42.1	71.5	44.3	66.0	51.1	65.9	38.7	67.0	47.8	71.0	47.2	73.4	50.1	70.3	55.3	71.1	49.0	67.8	56.7	71.9	53.6	73.4	51.3	73.1	53.9

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...	69	66	73	62	70	62	69	61	71	54	70	59	71	68	77	65	74	67	73	69	74	63	75	59	72	59	72	67
2...	75	60	85	44	75	55	74	55	68	58	74	39	76	63	77	60	75	64	74	65	79	60	75	54	83	42	70	64
3...	70	55	81	56	67	60	71	60	62	55	68	37	71	66	73	64	73	63	74	64	71	62	73	62	77	54	71	66
4...	79	65	76	60	80	63	73	61	72	62	77	56	81	69	82	61	81	65	85	69	78	68	77	61	78	60	78	69
5...	82	70	83	65	82	64	79	66	80	59	70	53	86	70	84	60	85	68	89	73	84	66	82	65	80	60	90	70
6...	74	68	87	67	84	63	83	67	72	64	75	58	90	71	89	66	90	70	92	74	86	69	85	62	.....	.....	94	72
7...	80	65	85	58	77	63	73	57	70	58	73	57	81	69	79	64	80	69	83	72	77	63	75	62	.....	.....	90	70
8...	74	59	83	52	76	56	70	53	71	62	75	42	76	63	84	53	81	61	78	65	76	54	75	54	.....	.....	80	60
9...	83	61	73	60	76	55	68	48	66	46	75	56	80	63	75	62	80	61	84	65	72	54	75	60	.....	.....	84	65
10...	69	51	77	39	70	47	66	42	64	46	66	28	70	59	70	43	71	54	71	57	72	45	68	42	.....	.....	79	61
11...	69	50	68	42	73	48	66	45	69	60	70	35	7[illegible]	61	69	56	67	56	74	58	67	52	61	42	.....	.....	68	58
12...	72	52	85	61	79	60	78	61	72	60	79	39	74	62	79	60	79	62	78	62	77	58	76	60	.....	.....	72	60
13...	78	55	73	59	78	59	69	54	65	51	70	51	79	63	77	60	78	62	83	63	82	59	73	60	89	36	73	58
14...	70	54	69	50	65	50	62	46	59	43	65	44	69	59	72	60	64	56	71	62	65	52	67	52	67	49	70	60
15...	71	49	75	35	70	44	66	38	63	42	69	33	72	54	67	41	70	51	71	56	68	44	69	41	72	32	72	56
16...	71	48	73	43	73	46	68	39	65	42	70	35	72	57	69	40	72	51	71	56	70	45	70	42	74	38	70	58
17...	70	50	81	40	73	45	71	44	66	45	72	32	71	56	72	40	74	50	74	56	72	43	76	42	77	36	73	54
18...	79	54	68	43	73	52	67	45	64	50	69	39	79	56	73	42	78	52	81	57	75	45	72	49	70	40	76	52
19...	65	48	70	51	59	48	67	54	64	52	58	36	69	55	74	50	72	61	70	60	68	57	72	58	68	52	70	62
20...	70	48	82	53	70	48	74	54	68	52	68	47	74	54	78	61	79	58	74	58	77	57	76	60	81	57	68	55
21...	78	60	79	54	76	55	70	52	67	40	69	44	79	65	76	58	79	63	79	66	76	56	74	54	76	44	78	64
22...	70	49	75	43	63	45	62	44	54	35	60	34	68	58	73	46	72	56	70	59	69	48	70	45	72	37	75	60
23...	68	43	74	37	69	40	69	40	66	34	64	30	70	56	76	47	72	56	75	56	69	47	68	53	72	38	67	61
24...	66	60	69	59	63	53	68	60	59	56	60	46	73	65	80	57	79	67	81	66	72	60	75	59	69	60	72	65
25...	76	58	81	61	72	60	73	61	71	59	65	47	77	66	83	57	80	66	82	64	73	63	78	49	78	61	71	67
26...	78	64	70	59	73	60	72	59	66	56	69	53	80	62	80	56	81	63	83	65	79	61	75	57	71	60	77	61
27...	75	62	81	59	72	57	80	60	70	51	65	49	78	67	84	59	84	66	84	66	82	64	79	60	80	60	76	62
28...	75	57	73	51	69	55	61	53	70	43	62	50	76	61	66	55	69	58	79	62	69	53	65	51	71	51	76	65
29...	67	51	74	42	67	48	66	46	64	43	65	28	70	56	72	42	69	51	70	55	71	45	67	42	72	39	74	56
30...	67	48	77	39	70	45	69	47	67	44	70	33	69	58	73	43	73	50	73	55	72	49	69	43	72	36	66	51
31...	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mns	73.0	56.0	76.7	51.5	72.1	53.5	70.1	52.4	66.8	50.7	68.7	43.0	75.1	61.7	76.1	54.3	76.0	59.9	77.5	62.5	74.1	55.4	73.1	53.3	74.8*	47.9*	75.1	61.6

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

Date.	New Jersey.								Martinsburg, W. Va.§§		Maryland.								Millsboro, Del.		Washington, D. C.		Virginia.					
	Atlantic City.		Highstown.		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	69	73	67	77	65	73	66	79	67	80	70	80	67	78	69	82	67	80	58	80	69	85	72	87	70	83	64
2...	70	66	78	63	83	56	80	61	79	63	74	66	73	61	77	63	76	62	72	58	71	67	73	65	73	66	79	62
3...	74	69	73	56	69	56	70	60	80	64	80	67	75	64	79	66	78	65	80	60	81	67	80	65	85	68	80	64
4...	80	68	87	68	81	63	83	66	89	63	86	68	83	63	89	65	90	62	90	60	90	67	87	64	92	65	88	61
5...	84	74	91	68	88	64	88	69	88	63	91	74	88	69	88	71	89	64	91	60	88	72	88	68	93	69	89	68
6...	85	75	94	69	90	67	92	68	95	68	96	74	91	70	95	70	90	61	93	60	94	72	93	70	95	73	90	72
7...	85	69	83	64	83	64	83	65	88	67	88	72	82	65	87	69	87	61	79	60	88	67	89	65	91	66	87	62
8...	75	63	81	54	84	58	82	55	86	68	83	66	90	61	84	58	89	55	83	61	85	64	86	59	88	62	87	56
9...	86	66	85	61	79	62	81	57	85	60	89	67	83	65	86	68	78	57	92	64	86	65	86	59	88	63	87	65
10...	68	57	75	48	75	42	73	49	75	50	74	57	72	51	73	51	71	44	74	60	74	55	72	53	75	58	73	53
11...	72	65	76	49	74	45	73	50	69	50	75	62	73	56	73	61	77	53	74	60	75	63	72	63	76	63	76	57
12...	73	60	82	54	80	53	81	55	83	63	79	65	79	59	81	66	81	64	79	57	85	66	81	66	86	62	84	59
13...	75	61	85	52	84	51	85	55	82	63	81	66	80	59	86	62	81	63	81	56	84	63	85	61	86	61	85	62
14...	70	60	73	61	72	52	69	52	83	64	75	63	72	59	76	62	74	65	71	56	73	60	75	65	77	65	75	63
15...	68	56	73	45	75	38	73	45	74	47	73	54	72	50	72	46	72	43	71	56	72	53	71	52	74	54	74	52
16...	68	56	73	44	76	37	74	46	76	43	74	54	73	50	74	44	74	40	71	49	73	49	73	48	74	48	74	40
17...	70	55	76	43	79	37	77	44	77	45	76	53	75	47	75	43	77	40	74	50	77	48	73	44	76	47	74	41
18...	76	57	83	45	81	42	80	45	82	45	84	45	80	40	80	47	83	43	85	51	82	48	79	42	83	44	78	42
19...	70	60	72	56	73	.....	66	58	75	49	72	64	71	63	76	64	78	60	72	56	73	65	77	62	78	58	78	52
20...	72	60	76	54	80	50	76	55	83	61	79	64	77	59	82	64	81	60	81	60	84	64	83	61	85	59	82	58
21...	77	65	81	60	82	59	82	56	79	63	81	67	79	60	80	64	77	58	83	62	82	63	81	57	83	60	84	54
22...	67	57	73	50	75	43	73	51	79	52	74	60	73	54	76	54	78	50	72	57	75	60	76	56	76	59	77	55
23...	70	62	76	41	71	36	73	44	80	53	75	61	74	51	76	56	83	49	78	51	75	55	74	54	77	55	80	58
24...	76	68	82	60	69	63	77	62	86	54	80	69	80	51	82	67	81	60	83	61	83	68	81	60	87	64	86	58
25...	75	68	85	58	81	58	83	62	82	62	82	67	81	65	87	64	86	60	85	58	84	67	84	61	87	63	86	61
26...	76	64	85	62	83	59	84	60	86	59	83	64	84	63	86	62	85	57	88	56	88	65	85	61	90	59	85	58
27...	75	69	87	59	83	60	84	64	87	61	84	67	83	65	88	62	88	55	85	62	85	63	86	66	88	60	87	60
28...	77	60	79	65	75	58	76	55	75	63	80	61	76	64	77	63	76	57	84	60	80	58	78	60	82	60	83	59
29...	68	54	75	43	75	40	72	45	73	45	71	54	72	49	73	46	71	45	73	55	74	52	71	50	75	51	73	48
30...	70	59	76	43	76	40	74	46	78	47	73	55	72	47	74	48	75	46	73	46	72	52	68	47	73	48	71	55
31...	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mns	74.3	63.1	79.6	55.4	78.4	52.5a	77.9	55.5	81.1	57.1	79.7	63.5	78.1	58.5	80.3	59.8	80.3	55.5	79.9	57.3	80.4	61.7	79.7	59.2	82.7	60.0	81.2	57.3