

U. S. DEPARTMENT OF AGRICULTURE.

REPORT FOR JUNE, 1897.

MARYLAND AND DELAWARE SECTION

OF THE

CLIMATE AND CROP SERVICE

OF THE

WEATHER BUREAU.

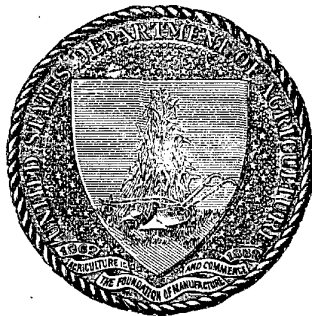
IN COOPERATION WITH THE

MARYLAND STATE WEATHER SERVICE.

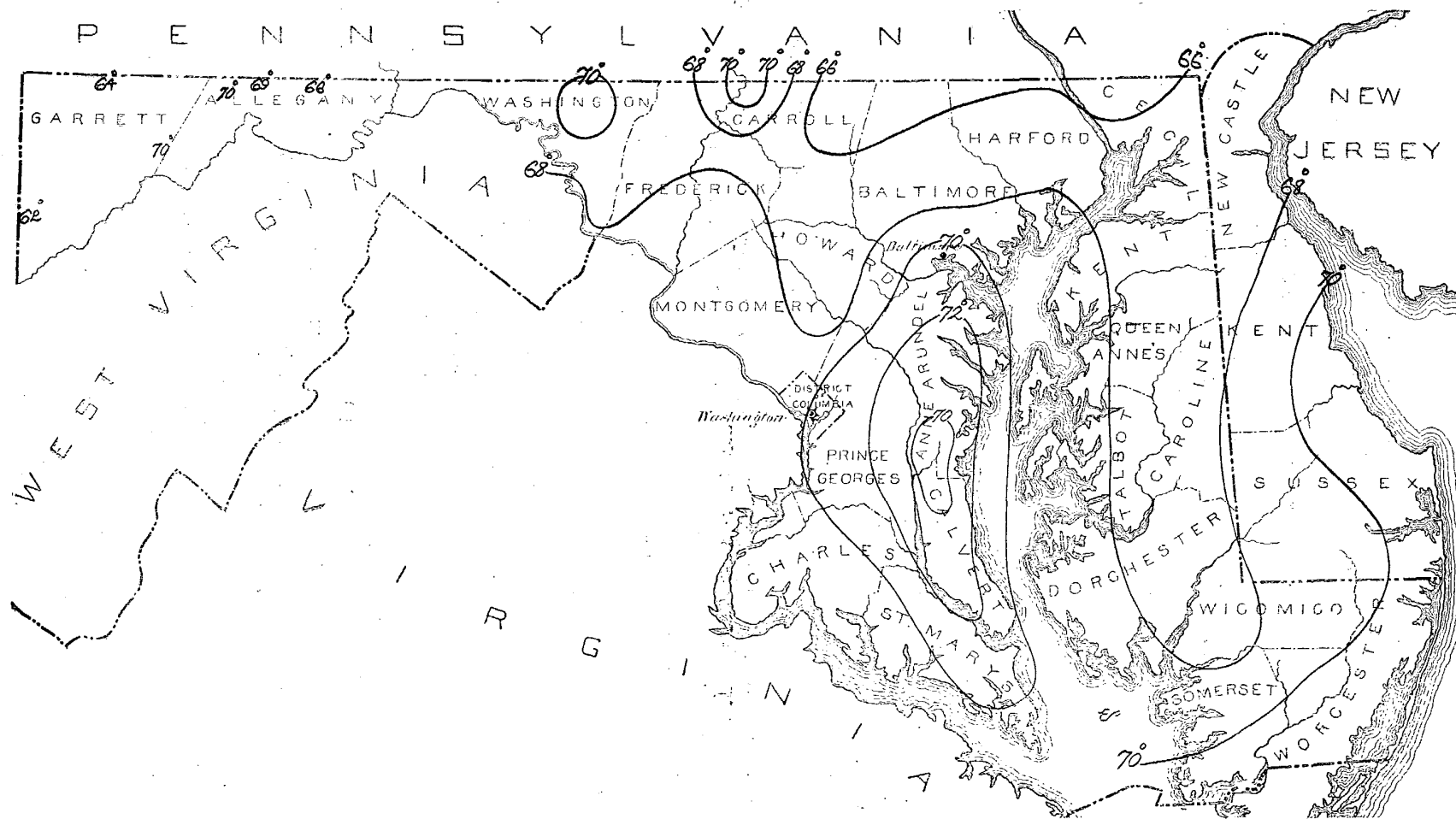
PREPARED UNDER THE DIRECTION OF
WILLIS L. MOORE,
CHIEF OF BUREAU.

BY

F. J. WALZ,
LOCAL FORECAST OFFICIAL AND SECTION DIRECTOR,
JOHNS HOPKINS UNIVERSITY, BALTIMORE, MD.



MONTHLY MEAN ISOTHERMS, JUNE, 1897.



U. S. DEPARTMENT OF AGRICULTURE,
CLIMATE AND CROP SERVICE
 OF THE
WEATHER BUREAU.

Central Office,
 WASHINGTON, D. C. }

WILLIS L. MOORE,
 Chief.

IN COOPERATION WITH THE
 MARYLAND STATE WEATHER SERVICE.

MARYLAND AND DELAWARE SECTION,
 F. J. WALZ, Section Director,
 BALTIMORE, MD.

VOL. II.

BALTIMORE, MD.

No. 6.

REVIEW OF THE CROP CONDITIONS.WEEK ENDING, *June 7, 1897.*

The temperature for the past week averaged slightly above normal, the excess in heat occurring toward its close. During the early portion of the week the nights were unseasonably cold, checking the growth of vegetation, and frosts were reported from the more westerly counties. The precipitation was above normal, owing to general and beneficial rains on Thursday and Friday. Wheat, rye, oats, and grasses are in fine condition in all sections of Maryland and Delaware, and the wheat is heading out nicely. Corn is holding its own, but cannot take on rapid growth while cool weather lasts. Potatoes and tomatoes show satisfactory growth; early potatoes are being marketed in small quantities. Hay harvesting has begun; the crop is not a heavy one. Tobacco is mostly planted. Some cherries are ripe; blackberries promise a large crop. All crops, in fact, are in good condition, awaiting warmer weather for their best development. Apples are likely to be of inferior quality.

* * *

WEEK ENDING, *June 14, 1897.*

The weather during the past week has been for the greater part quite cool, the temperature averaging daily 6° below normal. It warmed up rapidly the last two days, however, and cereals and vegetation in general responded quickly with rapid growth and development. Showers, while not heavy, were general during the week, especially the first part, and were on the whole beneficial. The week generally was favorable to crops and for all farm work. Wheat is in good condition, heading out well, and is nearly ready for harvest. Corn is not so good; it came up late and is growing slowly; oats are heading out and in fine condition; tobacco planting is nearly finished, much replanting is necessary. Timothy and clover are in good condition and about ready to cut. Early potatoes are in bloom and promise a good crop. Cherries are ripening and will be plentiful. Apples and plums are dropping from the trees. Blackberries will be plentiful. Garden truck is good, but backward. Cut worms continue ravaging corn, cabbage, and tomatoes.

WEEK ENDING, *June 21, 1897.*

While the temperature and the rainfall for the past week have both been slightly below the normal, yet the week as a whole has been very favorable for all crops. Showers were frequent over the Section, light ones occurring nearly every day, and were of decided benefit. Corn made rapid advancement during the week, but is still late and thin and not overly promising. Wheat is turning and will in great part be ready for harvesting this week; clover is being cut, and timothy is improving, both will make a good crop. Oats are about headed out and in good condition; tobacco is about all planted; some early potatoes are ready for market, and the crop is large. A large acreage of sweet potatoes has been planted. Melons and cucumbers are in bloom; cherries are plentiful; apples, pears, and peaches continue to drop, and the crops of these fruits will be short of the average, peaches especially so. Raspberries and blackberries will be plentiful; grapes are promising. Some injury to wheat from red weevil is reported from Harford County, and considerable havoc from potato bugs from Montgomery County.

* * *

WEEK ENDING, *June 28, 1897.*

The weather during the past week has been very favorable for the growth and development of all crops. The temperature and rainfall were both below the normal, but one or two quite warm days and a few scattering showers caused a splendid advancement in all vegetation. The week was also perfect for harvesting and all farm work. The harvesting of wheat is proceeding rapidly, and the crop is excellent; oats and rye are heading out finely; clover is being cut and the crop will be heavy and of fine quality; corn is improving in growth and color, and though late, is a good stand. Grass is in fine condition; tomatoes are looking well and growing rapidly; gardens are flourishing; berries are plentiful. Tobacco is growing rapidly and in general standing well. Apples and peaches are still dropping; while the apple crop will be below the average, the quality is promising. Few peaches remain on the trees.

* * *

CLIMATOLOGY OF THE MONTH.**ATMOSPHERIC PRESSURE--IN INCHES AND HUNDREDTHS.**

Monthly mean at Washington, D. C., 29.99; at Baltimore, 29.97; average, 29.98; highest, 30.29 at Washington, on the 2d; lowest, 29.70 at Baltimore, on the 13th.

TEMPERATURE--IN DEGREES FAHRENHEIT.

The monthly mean (entire territory), 68.6, was 3.5 below the normal.

The highest monthly mean was 72.5, at Pocomoke City.

The lowest monthly mean was 62.1, at Sunnyside.

The highest temperature recorded during the month was 97, at Taneytown, on the 30th.

The lowest temperature recorded during the month was 29, at Grantsville and Sunnyside, on the 2d.

The greatest local monthly range was 60, at Westernport.
The least local monthly range was 39, at Annapolis and Fallston.

The greatest daily range was 50, at Sunnyside, on the 2d.

The least daily range was 1, at Smithsburg, on the 7th.

PRECIPITATION—IN INCHES AND HUNDREDTHS.

The monthly average (entire territory) 2.82, was 0.64 above the normal.

The greatest amount was 6.47, at Cherryfields.

The least amount was 0.82, at Port Deposit.

The greatest amount in twenty-four hours was 2.92, at Solomon's, on the 24th.

The average number of rainy days, 9.

WIND.

The prevailing direction was from the northwest.

The total movement was 3,440 miles, at Baltimore, and 4,592 miles, at Washington, D. C.

The maximum wind velocity was 25 miles per hour from the northwest, at Washington, D. C., on the 4th.

MISCELLANEOUS PHENOMENA.

Thunderstorms.—At Bachman's Valley, on the 15th and 25th; at Baltimore, on the 3d, 4th, 13th, 16th, 19th, and 25th; at Boettcherville, on the 12th, 13th, 15th, and 16th; at Charlotte Hall, on the 4th, 13th, 16th, 19th, and 24th; at Cherryfields on the 4th, 13th, 15th, 16th, 17th, 19th, 20th, and 24th; Chestertown, on the 3d, 4th, 13th, 15th, 24th, and 25th; at Cumberland, on the 16th; at Fallston, on the 3d, 4th, 12th, 13th, 15th, 16th, 19th, 20th, and 25th; at Frederick, on the 3d, 11th, 15th, 19th, and 20th; at Grantsville, on the 3d, 13th, 16th, and 19th; at Green Spring Furnace, on the 15th and 19th; at Jewell, on the 3d, 4th, 13th, 14th, 15th, 16th, 19th, 20th, 24th, and 25th; at Laurel, on the 3d, 4th, 15th, and 19th; at Mardela Springs, on the 4th, 6th, 12th, 13th, 15th, 16th, 17th, 19th, 24th, 25th, and 30th; at Milford, Del., on the 13th, 20th, and 25th; at Millsboro, Del., on the 12th, 13th, 16th, 24th, and 25th; at Mt. St. Marys College, on the 3d, 4th, 16th, and 20th; at Newark, Del., on the 13th; at Port Deposit, on the 4th, 19th, and 20th; at Princess Anne, on the 4th, 12th, 15th, 16th, and 24th; at Seaford, Del., on the 4th, 13th, 16th, 24th, and 25th; at Sharpsburg, on the 3d, 15th, and 19th; at Solomons, on the 4th, 13th, 15th, 16th, and 24th; at Sunnyside, on the 3d, 4th, 12th, 13th, 16th, 18th, 19th, 20th, and 25th; at Taneytown, on the 3d, 4th, 16th, 19th, 24th, and 25th; at Woodstock, on the 3d, 13th, 16th, and 20th.

Lightning, distant.—At Cherryfields, on the 26th; at Millsboro, Del., on the 3d, 15th, 19th, and 20th; at Solomons, on the 12th and 27th.

Frosts, light.—At Boettcherville and Grantsville, on the 2d.

Hail.—At Bachmans Valley, on the 25th; at Charlotte Hall, on the 20th; at Sharpsburg, on the 15th; at Solomons, on the 13th.

Fogs.—At Green Spring Furnace, on the 6th; at Mardela Springs, on the 6th, 13th, 19th, and 25th; at Millsboro, Del., on the 8th and 9th; at Sunnyside, on the 10th.

Coronæ, lunar.—At Millsboro, Del., on the 12th.

High winds.—At Charlotte Hall, on the 20th; at Green Spring Furnace, on the 13th, 15th, and 16th, at Solomons, on the 13th.

* * *

REMARKS BY OBSERVERS.

Charlotte Hall, Mr. J. F. Coad.—A hailstorm on the 20th did much damage to corn and tobacco; the path of the storm was about one-fourth of a mile wide.

Cumberland, Mr. Howard Shriver.—The nights of June were very cool, but the days were hot. Crops on the whole promise more than fair, both as to quantity and quality.

Fallston School, Prof. G. G. Curtiss.—This has been the coldest June in the past twenty-eight years at this place.

Mardela Springs, Mr. Albert E. Acworth.—The coldest June since 1891, at this place.

Grantsville, Mr. J. S. Miller.—The month has been cool and the latter part dry.

* * *

REMARKABLE OBSERVATIONS ABOUT COLD.

It would be impossible to live in water heated to 100° Centigrade, while air at that temperature would be supportable. Payer, leader of the Austrian expedition to the north pole in 1874, has left remarkable observations about cold. It was impossible to smoke because his pipe became covered with ice. Every metallic object caused a severe burn at the slightest contact. The dryness of the air produced abundant perspiration. Although suffering from thirst he might as well have poured molten lead in his mouth as to have touched the frozen snow. The marching men were enveloped in thick clouds from the perspiration which escaped through their furs. It then froze in small crystals, which fell rattling to the ground. Sound could be heard at great distances. "Meat was split like wood and mercury could have been used for bullets." Intense cold paralyzed the mental faculties—movement, speech, taste, and smell. Contact with a solid body could not be endured in a temperature where the cold of the atmosphere caused no great inconvenience, because the latter is a bad conductor of heat. Metal, being a good conductor, draws off the heat rapidly and tends to bring the flesh to its own temperature.—*Ex.*

* * *

A heavy rain at Upper Marlboro on the 20th did much damage to roads, and much of the newly planted tobacco crop was washed out. Several bridges over small streams were destroyed. At Brandywine there was a cloudburst, and considerable damage was done.

Climatological data for Maryland and Delaware, June, 1897.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahrenheit.						Precipitation, in inches.					Sky.				Prevailing direction of wind.	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 rainy days.	Number clear days.	Number partly cloudy days.	Number cloudy days.		
WESTERN MARYLAND.																				
Boettcherville*2	Allegany	900	7	69.2	-3.2	92	30	45	2	2.20	-2.12	0.08	6							F. F. Brown.
Cumberland	do	650	38	70.6	+0.3	92	30	45	2	1.88	-1.62	1.00								Howard Shriver.
Deer Park	Garrett	2,457	6	66.1	-2.7	84	30	39	1	4.9	3.49	1.09	4	20	6					S. P. Specht.
Flintstone	Allegany	2,100	2	66.1	-2.7	91	19	32	2	4.8	2.53	0.66	7			4				N. T. Downs.
Grantville	Garrett	500	4	63.8	-4.1	86	16	29	2	4.8	2.72	0.51	11				6	4		J. S. Miller.
Green Spring Furnace	Washington	500	9	69.2	-5.2	95	30	42	1	3.7	1.95	0.63	8	12	15				e	E. G. Kinsell.
Hagerstown	do	550	9	70.1	-3.3	93	30	42	1	3.55	1.39	1.39	1	15	10					Prof. C. E. Carl.
Sharpsburg	do	420	3	67.6	-5.8	92	30	40	2	2.40	0.62	0.62	9	22	4					R. L. Hiberger.
Smithsburg	do			68.6	-4.8	90	30	46	2	2.71	0.90	0.90	10	6	19				sw.	L. J. Bell.
Sunnyside	Garrett	2,440	5	62.1	-3.2	87	16	29	2	6.47	+1.91	1.58	14	10	0			20	sw.	J. G. Knauer.
Westernport	Allegany	1,000	3	70.3	-1.8	96	16	36	1	1.39		0.55	7							Prof. O. H. Bruce.
Average				67.8	-1.8					2.64	-1.47		8	14	9			7		
NORTHERN-CENTRAL MD.																				
Bachman's Valley	Carroll		4	65.4		91	30	36	2	3.5	3.71	1.26	5	17	10	3	nw.			J. M. Myers.
Baltimore	Baltimore	123	63	70.1	-2.7	95	30	48	2	2.5	2.57	-1.39	12	7	16	7	nw.			U. S. Weather Bureau.
Darlington Academy	Harford	300	8	67.4	-4.1	92	30	42	2	2.9	1.77	-3.04	7	17	9	4	sw.			Prof. A. F. Galbreath.
Fallston School*1	do	450	29	66.7	-3.4	90	30	51	2	3.01	-0.78	0.96	14	2	23	5	nw.			G. G. Curtiss, A. M.
Frederick	Frederick	250	25	68.9	-3.3	93	30	39	2	3.7	2.06	-2.48	7	2	23	5	sw.			McClintock Young.
Great Falls*3	Montgomery	150	9	69.3	-3.3	94	30	44	2	2.9	3.01	1.18	10	8	14	8	nw.			Capt. D. D. Gaillard.
Johns Hopkins Hospital	Baltimore	124	3	70.3	-0.5	88	30	45	2	2.9		1.18	10	15	2	9	nw.			W. L. Woods.
McDonogh School	Baltimore	545	22	67.3	-4.6	90	30	42	2	3.1	3.52	-0.46	14	13	10	7	nw.			S. H. Moore.
Mt. St. Mary's College	Frederick	720	37	67.5	-4.6	90	30	42	2	3.0	2.76	-1.08	8	7	17	6	sw.			J. A. Mitchell, Ph. D.
New Market	do	550	14	69.2	-4.6	92	30	48	2	3.0	2.76	-1.08	8	7	17	6	sw.			H. H. Hopkins, M. D.
St. Charles College	Howard	300	3	69.8	-3.3	97	30	40	2	3.8	3.95	1.07	10	9	16	5	sw.			H. M. Chapuis, S. S.
Taneytown	Carroll	2	5	68.3	-3.3	93	30	43	2	3.1	2.31	0.81	11	13	2	15	sw.			Prof. H. Meier.
Van Bibber	Harford	3	2	68.3	-3.3	93	30	43	2	3.1	2.31	0.81	11	13	2	15	sw.			H. A. Wroth.
Western Maryland Coll.	Carroll	3	3	68.3	-3.3	93	30	43	2	3.1	2.31	0.81	11	13	2	15	sw.			Prof. Roland Watts.
Woodstock College	Baltimore	392	28	67.1	-3.9	88	25	40	2	3.5	3.81	+0.17	10	21	7	1	nw.			T. J. A. Freeman, S. J.
Average				68.3	-3.4					2.91	-0.87		10	11	12	6	nw.			
SOUTHERN MARYLAND.																				
Annapolis	Anne Arundel	20	24	72.5	-3.5	94	30	55	9	2.5	1.73	-2.66	6	12	13	5	sw.			J. E. Abbott.
Charlotte Hall School	St. Mary's	167	4	69.7	-4.1	92	30	45	2	2.9	2.69	1.30	4	14	12	3	sw.			J. F. Coad.
Cherryfields*2	do	20	4	70.5	-3.3	92	30	45	2	2.8	2.82	1.03	9	6	18	6	ne.			Col. J. E. Coad.
Distributing Reservoir*3	Dist. of Columbia	120	7	68.9	-5.9	93	30	45	2	2.6	2.29	-1.65	6	15	10	5	ne.			Captain Gaillard.
Jewell	Anne Arundel	165	10	68.9	-5.9	93	30	45	2	2.6	2.29	-1.65	6	15	10	5	ne.			J. Plummer.
Laurel	Prince George's	13	3	67.9	-4.9	90	16	45	1	3.3	2.40	0.60	6	7	20	3	sw.			Dr. T. M. Baldwin.
Md. Agricultural College	do	170	6	67.9	-4.9	91	30	38	2	3.5	3.49	-1.41	10				sw.			Prof. J. H. Patterson.
Receiving Reservoir*3	Dist. of Columbia	160	7	71.6	-1.8	92	30	52	2	2.3	5.69	+2.69	8	5	12	13	se.			Captain Gaillard.
Solomon's	Calvert	20	6	71.6	-1.8	92	30	52	2	2.3	5.69	+2.69	8	5	12	13	se.			W. H. Marsh, M. D.
Washington	Dist. of Columbia	112	27	69.5	-2.0	93	30	43	2	3.1	2.60	-1.34	11	9	10	11	nw.			U. S. Weather Bureau.
Average				70.1	-3.5					2.96	-0.44		8	9	14	7	ne.			
EASTERN MARYLAND.																				
Chestertown	Kent	80	13	67.8	-4.0	90	29	43	3	4.1	5.35	-1.35	11	0	27	3	sw.			Hon. M. de K. Smith.
Denton	Caroline	42	8	68.5	-5.0	93	30	40	2	3.5	3.35	+0.85	12	17	8	4	sw.			F. C. Ramsdell.
Easton	Talbot	35	8	68.5	-5.0	93	30	40	2	3.5	3.35	+0.85	12	17	8	4	sw.			Henry Shreve.
Mardela Springs	Wilcomico	25	10	69.8	-3.2	93	30	42	2	3.0	2.79	+0.28	9	6	20	4	ne.			A. E. Acworth.
Pocomoke City	Worcester	37	4	71.2	-1.8	94	30	46	9	34	1.35	0.68	4	14	13	3	s.			R. M. Stevenson.
Port Deposit	Cecil	65.8	3	67.0	-3.3	93	30	46	2	3.1	0.82	0.30	7	18	4	8	nw.			A. L. Lamb.
Princess Anne	Somerset	20	23	67.6	-5.1	92	30	40	2	3.2	2.62	1.19	12	5	24	1	sw.			J. R. Stewart.
Average				68.4	-4.1					2.71	-0.14		9	10	16	4	sw.			
DELAWARE.																				
Dover	Kent	40	21	68.9	-3.0	89	30	34	17	2.8	3.27	+0.43	7	19	3	8	nw.			J. S. Jester.
Kirkwood*1	Newcastle	1	1	70.8	-1.7	95	30	49	2	2.8	3.27	+0.43	7	19	3	8	nw.			J. S. Carnagy.
Millford	Kent	18	7	69.1	-3.4	90	26	40	2	3.1	2.45	-0.37	13	12	12	6	nw.			J. Y. Foulk.
Millboro	Sussex	5	5	69.1	-3.4	90	26	40	2	3.1	2.45	-0.37	13	12	12	6	nw.			Rev. L. W. Wells.
Newark (Delaware Coll.)	Newcastle	4	4	67.0	-3.3	93	30	42	2	2.9	1.17	0.38	9	9	15	6	nw.			Prof. W. H. Bishop.
Seaford	Sussex	7	7	68.6	-3.5	90	29	44	2	2.8	4.74	+3.10	8				nw.			H. L. Wallace.
Average				68.9	-3.0					2.93	+0.23		9	13	10	7	nw.			
General average				68.6	-3.5					2.82	-0.64		9	11	12	6	nw.			

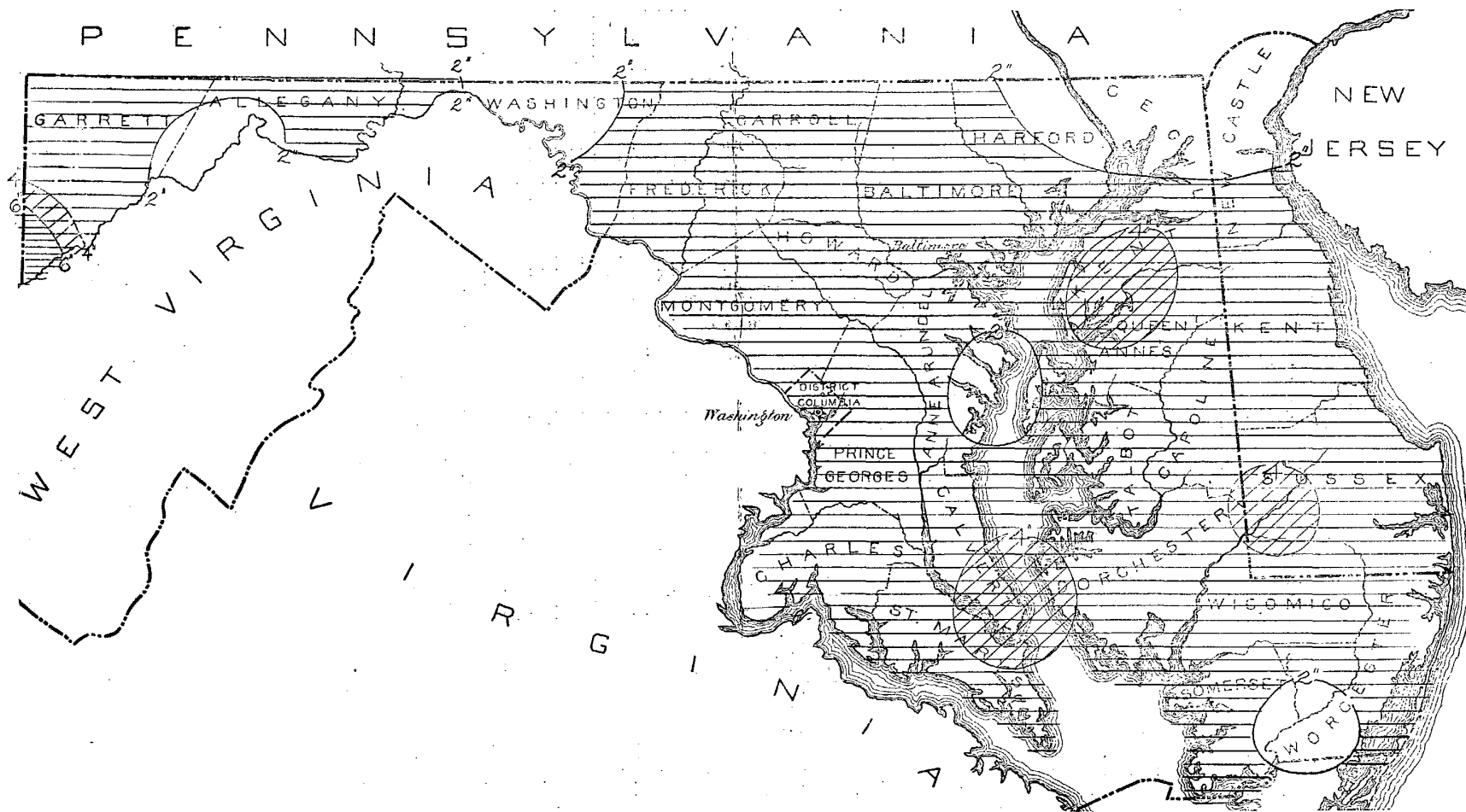
* Extremes of temperature from observed readings of dry thermometer.

1 Mean of 7 a. m. + 2 p. m. + 9 p. m. + 9 p. m. + 4.

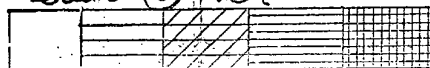
2 Mean of 8 a. m. + 8 p. m. + 2.

3 Mean of 7 a. m. + 2 p. m. + 2.

TOTAL PRECIPITATION, JUNE, 1897.



Scale of Shades.



0 to 2" 2 to 4" 4 to 6" 6 to 8" Over 8"

Daily precipitation for Maryland and Delaware, June, 1897.

Stations.	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.		
WESTERN MARYLAND.																																	
Boettcherville.....			†					.10				.20				.80	.30	.10						.70								2.20	
Cumberland.....												.24				1.00	.34							.30								1.88	
Deer Park.....							.60						1.09			.90		.90														3.49	
Flintstone.....		.42	.18					.23					.50			.50	.12		.48													2.53	
Grantsville.....		.40	.40				.01	.15	.05				.50			.24	.51		.18	.20				.08								2.72	
Green Spring Furnace.....		†	.15	.05					.23							.31	.17	.06		.25	.63											1.85	
Hagerstown.....			1.39																													1.39	
Sharpsburg.....		.03	.20	.40			†	.55	.12				.06			.42	†	†		.42	.20			†	†					†		2.40	
Smithsburg.....		.10	.90				.54					.12				.28	.05	.35		.37										†	†	2.71	
Sunnyside.....		.37	.18			†	.18	.27	†		†	.14	.67			1.26	.56	1.58	.46	.02				.11	.13					†	.54	6.47	
Westernport.....		.08					.15	.07					.55			.36	.03							.15								1.39	
NORTHERN-CENTRAL MARYLAND.																																	
Bachman's Valley.....	†		†	.84				1.26			†	†	†		†		.31	†	.55					†	.75					†		3.71	
Baltimore.....	†		.15	.82	.12		†	.06	.01		†	†	.30		†	.33	.18	.07	.05	.17				†	.31					†		2.57	
Darlington Academy.....		.05	.40					.13			.17					.11	.21		.20													1.27	
Fallston School.....	†			.96	.16		†		.09		†	.02	.88			.18		.35		.31				.06				†	†			3.61	
Frederick.....		.04	.54					.56					.01			.01	.40			.50												2.06	
Great Falls.....																																	
Johns Hopkins Hospital.....			.28	.18	.12			.02	.05					.41		.22		.24		.22						.27						3.01	
McDonogh School.....																																	
Mt. St. Mary's College.....		.39	.36	.13			†	.91	.21				.02	.38	.02	.37	.10	.04	.05	.27			†	†	.27					†	†	3.52	
New Market.....		.17	.51					.97			†	.06	.04		.03		.55		.43					†	†			†	†			2.76	
St. Charles College.....																																	
Taneytown.....		.79	.07					.72			.02		†			.21	.10	.07	.55					†	.42							3.95	
Van Bibber.....		.09	.53				†	.03			.01		.81		.17	.04	.25		.13	.20					.04					†	†	2.31	
Western Maryland College.....																																	
Woodstock College.....		.68		.84				.45		†		†	.09			.75	.10	.25		.65												3.81	
SOUTHERN MARYLAND.																																	
Annapolis.....			.12	.91	.18		†	†	†			†					.14		†	.11				†	.27					†		1.73	
Charlotte Hall School.....				.25									.02			.12				†				1.30								2.69	
Cherryfields.....			†	1.03	.09		.02	.09				†	.04		.36	.16	.13						.90		†			†				2.82	
Distributing Reservoir, D. C.....																																	
Jewell.....			†	.40	†			†	†				†	.50	.05	†	1.05		.04	†				.25	†	†		†				2.29	
Laurel.....		.38	.45					.25									.60		.35					.37								2.40	
Maryland Agricultural College.....		.34	.26	.50			.01	.07				†		.01	.07	†	1.77							.31	.15							3.49	
Receiving Reservoir, D. C.....																																	
Solomon's.....			.25	.45				.31					.20		.15	.11	.30		†				†	2.92					†			5.69	
Washington, D. C.....		.02	.26	.32		†	.18	†		†		.02		.15	†	1.12	.13		.32					.07					†	†	.01	2.60	
EASTERN MARYLAND.																																	
Chestertown.....		.14	1.94				.05	.03	†				1.12		.23		.51	†	.12	.21				.90	.10							5.35	
Denton.....																																	
Easton.....				.40				.23								.35		.31		.19					.87							3.35	
Mardela Springs.....			.78	.05		.27						.18			.07		.02	.04						.25							.13	2.79	
Pocomoke City.....				.30				.68									.15				.22											1.35	
Port Deposit.....		.03			.28						.01	.05					.30	.10	.05													.82	
Princess Anne.....			.19	.08	.07		.27					.26	.08		.04	.05	.38			.08				†	.09						.03	2.62	
DELAWARE.																																	
Dover.....																																	
Kirkwood.....																																	
Milford.....					1.01			.18					1.06			.22	.06			.43				.31								3.27	
Millsboro.....				.50	.15			.24	.03			.17	.20			.30	.03		.02				.32	.07					.32	.10		2.45	
Newark (Delaware College).....					.38			.11				.18	.17			.04	.01	.07		.06			.15									1.17	
Seaford.....			.25				.31					†	.25			.22			.07	†			1.43	.11						.20		4.84	

† Trace, when precipitation is less than 0.01 inch.