

## U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

CHARLES F. MARVIN, Chief.

In Cooperation with Maryland State Weather Service.

## CLIMATOLOGICAL DATA.

## MARYLAND AND DELAWARE SECTION.

JAMES H. SPENCER, Meteorologist and Section Director.

VOL. XXIX. BALTIMORE, MD., AUGUST, 1924. No. 8.

## GENERAL SUMMARY.

August was characterized by mostly dry, cool, sunshiny, and pleasant weather, typical of early fall. Thunderstorms were not attended by damaging gusts.

The mean monthly temperature for the section was normal. However, the individual means varied from  $1^{\circ}$  to  $2^{\circ}$  above normal in western Maryland to from  $1^{\circ}$  to  $2^{\circ}$  below normal in southeastern Maryland and in Delaware.

Persistent coolness of the present summer was interrupted by a warm wave from the 5th to the 11th and again from the 26th to the close of the month. The 6th, 7th, 9th, and 31st were hot days, with maximum temperatures close to  $100^{\circ}$ , except near  $90^{\circ}$  in the Allegheny Mountain region. The 14-16th and 18-19th were unseasonably cool, with minimum temperatures but  $3^{\circ}$  to  $8^{\circ}$  above freezing on the 15th, 18th, and 19th in the Allegheny Mountain highlands.

Monthly rainfall averaged slightly below normal. It varied greatly over the section. The area of greatest rainfall was the central portion of the section, embracing southern Baltimore, Howard, eastern Montgomery, Prince Georges, Charles, northern Calvert, Anne Arundel, Talbot, and Dorchester Counties, and the District of Columbia, where totals were between 5.0 and 7.4 inches. The least rainfall occurred over extreme southern Somerset County and over the area between the Allegheny and Blue Ridge Mountains where totals were between 1.0 and 2.5 inches.

*Crops.*—The weather of the month was unusually favorable for harvesting and threshing of grains, haymaking, harvesting of crops and fruits, cultivation, early fall plowing, etc., but was too cool for normal plant growth and greatly deficient in rainfall over western Maryland. Corn and other field crops, pastures, and grasses were unfavorably affected by the hot, dry spell of the first decade. General rain on the 12th was moderate over western Maryland and heavy elsewhere over the section, and effectively broke the summer drought and prevented heavy losses. Warm, sunshiny weather that followed the heavy rains (except in western Maryland) of the 25th and 26th caused crops and pastures to improve over the section to the eastward of the Blue Ridge Mountains.

Corn was fair to good generally, except poor progress was made during the last decade in Allegany, Washington and Frederick Counties. Early corn eared during the first and second decades and filled out fairly well; late corn was somewhat better in condition than the early, and tasseled during the third decade. On the Eastern Shore and in southern Maryland threshing of wheat and rye and harvesting of oats ended during the first week and threshing of oats ended during the second decade. In north-central Maryland and in Washington and Allegany Counties harvesting of oats ended during the second week; the threshing of wheat, rye, and oats ended during the closing week. In the Allegheny Mountain region harvesting of wheat and rye ended during the second week and threshing ended during the closing week; harvesting of oats was in progress during the third decade. Yield of grains was fair to good. Pastures and grasses were mostly good in the Allegheny Mountain region, but only poor to fair elsewhere over the section.

Digging of early potatoes began in the Allegheny Mountain region during the third decade, but ended elsewhere over the section during the closing week; the yield was only poor to fair owing to the dry weather during July. Late potatoes made fairly good stands, were fair to good, and came into bloom during the third decade. Planting of this crop was not finished in some localities of the extreme southern counties until during the second decade. Truck crops and gardens were fair, except poor during the last decade in Allegany, Washington, and Frederick Counties. Tomatoes were harvested throughout the month in the southern and central counties and during the second half of the month in the northern border counties; they were fair, but improved to good during the closing week; the crop is a short one. Tobacco was fair; it bloomed during the first and second decades. Harvesting of apples continued. During the first decade harvesting of peaches became general and harvesting of pears began. Haymaking ended. The growing season continued about two weeks backward throughout the month.—*J. B., jr.*

## PRESSURE.

The monthly mean sea-level pressure at Washington was 29.99, and at Baltimore and Aberdeen, 29.98 inches. The highest at Washington was 30.25, and at Aberdeen 30.24 inches, both on the 4th; at Baltimore, 30.26 inches on the 3d. The lowest at Washington was 29.56; at Baltimore, 29.54; at Aberdeen, 29.53 inches; all on the 26th.

## TEMPERATURE.

The monthly mean for the section,  $73.4^{\circ}$ , is normal. The highest monthly mean was  $76.8^{\circ}$  at Solomons; the lowest,  $66.9^{\circ}$ , at Oakland. The highest temperature,  $103^{\circ}$ , occurred at Boyds and Keedysville on the 31st; the lowest,  $35^{\circ}$ , at Grantsville on the 19th. The greatest local monthly range was  $59^{\circ}$  at Hancock and Keedysville; the least,  $38^{\circ}$ , at Solomons. The greatest daily range was  $47^{\circ}$  at Grantsville on the 19th and at Oakland on the 30th.

## PRECIPITATION.

The monthly average for the section, 4.07 inches, is 0.35 inch below normal. The greatest monthly amount was 7.44 inches at Ferry Landing; the least, 1.09 inches, at Crisfield. The greatest amount in 24 hours was 4.35 inches at Cheltenham on the 12th. Average number of days with 0.01 inch or more, 8, is 2 below normal.

## WIND.

The prevailing direction for the section was southwest. The total movement at Washington was 3,724; at Baltimore, 3,909; at Aberdeen, 4,106 miles. The maximum velocity at Washington was 20 miles per hour from the west on the 9th; at Baltimore, 20 miles from the west on the 25th; at Aberdeen, 28 miles from the southwest on the 7th.

## SUNSHINE AND CLOUDINESS.

At Washington 74 per cent of the possible sunshine was recorded; at Baltimore, 69 per cent; at Aberdeen, 70 per cent. For the whole section the average number of clear days was 16; partly cloudy, 10; cloudy, 5.

## MISCELLANEOUS PHENOMENA (WITH DATES).

*Fogs.*—Ferry Landing, 5, 10, 16, 22, 30, 31; Seaford, 5.

*Fogs, dense.*—Frostburg, 3, 23; Princess Anne, 2, 5, 31.

*Thunderstorms.*—3, 5, 6, 7, 9, 10, 11, 12, 17, 25.

(Continued on page 30.)

## Climatological Data for August, 1924.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahr.					Precipitation, in inches.					Number of days.			Observers.			
				Mean.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall (united).	With precip., 0.01 inch or more.	Clear.	Partly cloudy.	Cloudy.			
<i>Maryland.</i>																				
Aberdeen.....	Harford	80	6	73.1	96	6	52	19	27	2.59	+1.42	1.16	0.0	5	8	7	s.	U. S. Army.		
Annapolis.....	Anne Arundel	45	56	74.7	-1.6	96	7	53	19	26	6.15	+1.42	2.44	0.0	8	12	14	s.	Joseph Stein.	
Baltimore *.....		115	54	76.0	+0.5	100	6	58	19	25	5.22	+1.01	2.01	0.0	7	13	12	sw.	U. S. Weather Bureau.	
Bell #.....	Prince Georges	151	4	73.4		100	6	45	19	37	4.67		2.04	0.0	9	15	12	sw.	Bureau Plant Industry.	
Boysd.....	Montgomery	424	5	74.0		103	31	45	19	42	3.04		1.40	0.0	7	15	11	se.	James L. Higgins.	
Cambridge.....	Dorchester	25	27	76.2	-2.4	96	6	52	18	28	5.90	+1.32	2.75	0.0	8	19	10	sw.	Robert L. Hammill.	
Cecilton ff.....	Cecil	85	6	74.4		100	6	50	19	31	3.52		1.58	0.0	8	18	8	sw.	Wm. F. Coale.	
Cheltenham.....	Prince Georges	230	24	74.8	+1.3	100	6	50	19	31	7.26	+2.87	4.35	0.0	13	17	10	sw.	Geo. Hartnell.	
Chesapeake City.....	Cecil	17	5												7	20	7	sw.	Harold Steele.	
Chewsville.....	Washington	530	27	71.9	-0.4	97	6†	44	19	36	2.88	-1.48	1.28	0.0	8	17	10	nw.	D. Paul Oswald.	
Clear Springs (a).....	do	500	22	73.0	+1.6	99	31	45	19	40	1.13	-3.43	0.52	0.0	6	20	5	w.	Leo A. Coblill.	
Clear Springs (b).....	do	500	26												5	19	7	sw.	E. G. Kinsell.	
Coleman #.....	Kent	80	25	74.1	+0.3	100	6	53	19	28	4.29	-0.67	2.05	0.0	8	13	14	sw.	Walter B. Harris.	
College Park.....	Prince Georges	87	38	73.8	+0.1	92	6	45	19	38	4.82	+0.72	2.50	0.0	9	16	11	sw.	Prof. Thos. H. White.	
Crisfield.....	Somerset	5	6	76.0		93	7	54	19	27	1.09		0.70	0.0	3	12	12	sw.	A. B. Cochrane.	
Cumberland.....	Allegany	623	51	73.2	+1.2	99	6†	45	19	41	2.52	-1.05	1.33	0.0	9	23	5	sw.	Harvey H. Weiss.	
Darlington.....	Harford	300	34	73.4	+0.9	101	6	47	19	35	2.92	-2.11	1.66	0.0	6	16	13	2	sw.	Fred. C. Jones.
Easton.....	Talbot	35	34	75.4	+1.1	100	6†	52	19	35	5.63	+1.40	3.00	0.0	8	16	10	sw.	Clement E. Bray.	
Emmitsburg.....	Frederick	720	56	72.6	0.0	96	31	51	19	30	3.41	-0.67	1.75	0.0	6	20	5	w.	Mt. St. Mary's College.	
Fallston #.....	Harford	450	55	71.8	-0.3	95	6	52	19	26	3.98	-1.04	1.80	0.0	8	11	12	sw.	Miss Dora Curtiss.	
Ferry Landing #.....	Calvert	45	8	74.0		98	6	52	19	27	7.44		3.81	0.0	9	18	13	sw.	Thos. J. Bourne.	
Frederick.....	Frederick	275	50	75.6	+1.7	101	6	48	19	36	4.50	+0.83	2.61	0.0	10	22	4	sw.	Chas. S. Birely.	
Freeland.....	Baltimore	681	5	71.0		99	9	44	19	40	3.15		2.20	0.0	6	20	8	w.	Isaac Shaver.	
Friedensville.....	Garrett	1,501	6	68.2		90	6	42	17†	38	5.88		1.78	0.0	9	18	10	sw.	Jasper Guard.	
Frostburg.....	Allegany	1,929	23	69.8	-0.6	92	5	42	19	38	3.82	-0.60	2.00	0.0	7	22	5	e.	J. D. Snyder.	
Grantsville.....	Garrett	2,351	31	68.0	+1.4	88	6	35	19	47	3.58	-0.45	1.90	0.0	6	18	10	sw.	Rev. J. B. Miller.	
Great Falls #.....	Montgomery	200	35	73.8	+0.1	101	6	47	19	42	5.65	+1.95	2.84	0.0	10	16	12	sw.	Chas. E. Sullivan.	
Hancock.....	Washington	455	14	72.3	-1.4	101	31	42	19	46	1.67	-1.62	0.82	0.0	8	22	5	sw.	W. E. Grove.	
Ilechester.....	Howard	260	1												10	14	13	sw.	Richard C. Norris.	
Keedysville.....	Washington	400	21	74.7	+1.1	103	31	44	19	42	1.23	-3.37	0.68	0.0	8	21	7	sw.	J. A. Miller.	
La Plata.....	Charles	190	8	75.0		100	6†	51	19	33	5.54		3.45	0.0	8	15	12	sw.	John P. Burdette.	
Laurel.....	Prince Georges	320	25	73.4	-0.1	99	6	51	18	33	7.12	+2.32	2.26	0.0	9	16	11	sw.	Evan G. Chaney.	
Millington.....	Kent	27	27	74.6	+0.6	100	6	48	19	33	4.00	-0.72	2.09	0.0	8	22	5	sw.	Henry L. Higman.	
Oakland.....	Garrett	2,461	25	68.9	+1.2	91	31	37	19	47	2.47	-1.79	0.65	0.0	10	14	14	sw.	R. E. Weber.	
Princess Anne.....	Somerset	17	49	73.1	-1.6	94	6†	49	19	30	3.54	-1.59	1.41	0.0	4	12	13	sw.	James R. Stewart.	
Public Landing #.....	Worcester	10	9	74.2		97	7	50	19	27	3.49		1.16	0.0	6	18	8	sw.	Louis C. de Guibert.	
Ridgely.....	Caroline	57	3	74.2	-0.1	98	6†	49	19	31	4.23	-0.45	2.07	0.0	6	13	13	sw.	Albert White.	
Rock Hall.....	Kent	25	9	74.6		99	6†	51	19	29	4.46		2.07	0.0	7	15	12	sw.	Charles Judefind.	
Salisbury.....	Wicomico	23	19	74.8	-0.4	99	6	51	19	31	5.36	-0.07	2.03	0.0	7	16	12	sw.	W. A. Simpkins.	
Solomons.....	Calvert	20	33	76.8	-0.4	97	7	59	19	24	2.74	-1.13	1.53	0.0	5	11	7	sw.	Dr. W. H. Marsh.	
State Sanatorium.....	Frederick	1,460	16	71.4	+0.2	94	31	54	15†	25	1.65	-3.65	0.55	0.0	7	18	7	w.	Dr. V. F. Cullen.	
Takoma.....	Montgomery	320	26	73.2	+0.2	97	6	52	19	25	4.59	+0.10	1.95	0.0	12	13	11	sw.	L. M. Mooers.	
Western Port.....	Allegany	1,000	31	73.2	+1.4	99	31	45	15†	41	2.54	-0.96	0.72	0.0	9			sw.	Norris Bruce.	
Westminster.....	Carroll	770	15	72.4	+0.4	97	6†	47	19	32	3.27	-1.30	1.30	0.0	8	20	5	sw.	Prof. S. P. Caltrider.	
Woodstock.....	Baltimore	415	54	71.8	-1.0	95	6†	46	19	31	6.07	+1.67	1.90	0.0	9	16	11	n.	Rev. Henry M. Brock, S.	
<i>Dist. of Columbia.</i>																				
Washington **.....		112	54	74.8	-0.2	102	6	53	19	30	5.07	+0.67	2.42	0.0	10	13	11	sw.	U. S. Weather Bureau.	
<i>Delaware.</i>																				
Delaware City.....	Newcastle	10	38	74.0	-1.0	96	6†	54	19	25	3.14	-0.82	1.48	0.0	8	21	8	s.	H. C. Price.	
Dover.....	Kent	34	35	74.0	-0.6	98	6	50	19	33	4.53	-0.07	2.85	0.0	6	19	10	sw.	Arthur G. Livingston.	
Milford.....	do	20	42	74.0	-1.4	98	6	51	19	26	4.78	+0.16	3.11	0.0	6	16	13	sw.	Chas. J. Holzmueller.	
Millsboro.....	Sussex	20	32	76.2	+1.5	100	6†	56	19	32	6.60	+1.59	3.40	0.0	7	16	13	sw.	G. L. Ellis.	
Seaford.....	do	40	33	73.9	-0.5	100	6	49	19	33	4.57	+0.24	2.16	0.0	6	19	10	sw.	E. B. Brown.	
Wilmington.....	Newcastle	86	31	73.4	-1.2	94	6†	51	19	27	3.79	-1.05	1.40	0.0	9	18	6	sw.	Street and Water Depts.	
For Maryland and District of Columbia.			73.3	+0.1	103	31	35	19	47	4.00	-0.39	4.35	0.0	8	16	10	sw.			
For Delaware .....			74.2	-0.6	100	6†	49	19	33	4.57	+0.01	3.40	0.0	7	18	10	sw.			
For entire section .....			73.4	0.0	103	31	35	19	47	4.07	-0.35	4.35	0.0	8	16	10	sw.			

The departures from normal temperature and precipitation are computed only for such stations as have ten or more years of record, but all complete reports are used in determining section or division means. Data in italics determined from surrounding stations.

Reference letters, <sup>a</sup>, <sup>b</sup>, <sup>c</sup>, appearing in the table indicate number of days missing; for example, <sup>b</sup> represents two days, etc.

Post office addresses of these stations are as follows: Of Bell, Glenelde; of Coleman, Worton; of Fallston, Bagley; of Ferry Landing, Owings; of Great Falls, Bethesda; of Ilchester, Elkridge; of Public Landing, Snow Hill. <sup>a</sup>Also on other dates.

T. Precipitation is less than 0.01 inch rain or melted snow. \*Customhouse Building, Gay and Water Streets. \*\*Weather Bureau Building, 24th and M Streets.

(Continued from page 29.)

Tide, high.—Atlantic Coast and lower portions of Chesapeake and Delaware Bays, 26.

Winds, high.—Eastern half of Eastern Shore, from northeast, 26.

#### CHANGES IN PERSONNEL.

Mr. E. B. Brown, cooperative observer at Seaford, Del., since June, 1903, relinquished the duties of a combined temperature and precipitation station at the close of this month, owing to failing eyesight. He will, however, continue making precipitation measurements. Mr. Brown's records are excellent in every respect, and he has been one of our most

faithful observers for over 20 years. The equipment of a full cooperative station, formerly at Seaford, was transferred to Bridgeville, Del., at which point the work will be taken up by Mr. George Ray.

Owing to the transfer of the Rev. Henry M. Brook, S. J., former head of the department of physics at Woodstock College, to the House of Philosophy at Weston, Mass., near Boston, beginning with the fall term, the cooperative work at Woodstock, Md., will be taken over by the Rev. James B. Mahony, S. J., beginning September 1. The cooperative work at Woodstock was in charge of Rev. Henry M. Brook, S. J., for nine years with excellent results. He made many pleasant visits to the Baltimore office, and was always much interested in the work of the Weather Bureau and the Maryland State Weather Service.

AUGUST, 1924.

## CLIMATOLOGICAL DATA: MARYLAND AND DELAWARE SECTION.

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## Daily Precipitation for August, 1924.

Stations.	Watersheds.	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		
<i>Maryland.</i>																																		
Aberdeen***	Atlantic		.08																															2.59
Annapolis	do	38	.40																														6.15	
Baltimore***	do	T.	.24	T.																													5.22	
Bell	do	1.54																															4.67	
Boysd.	do	T.		T.																													3.04	
Cambridge	do		.04																														5.90	
Cecilton	do	.22																															3.52	
Cheltenham	do	.01																															7.26	
Chesapeake City	do	.19	*																														3.97	
Chewsville	do	.01	1.28	.02																													2.38	
Clear Spring(a)	do		.20																														1.13	
Clear Spring(b)	do	.20	*																														1.30	
Coleman	do																																4.29	
College Park	do	.35	T.																														4.82	
Crisfield	do																																1.09	
Cumberland	do																																2.52	
Darlington	do																																2.92	
Easton	do	.24	.06																														5.63	
Emmitsburg	do	.53																															3.41	
Fallston	do	.24	T.	1.75																													3.98	
Ferry Landing	do	.07																															7.44	
Frederick	do	T.	.64	.03	.36	T.																										4.50		
Freeland	do	.15																															3.15	
Friendsville	Ohio	.35		.10		.10																										5.88		
Frostburg	Atlantic																																3.82	
Grantsville	Ohio																																3.58	
Great Falls	Atlantic																																5.65	
Hancock	do	.02	.39																														1.67	
Ilchester	do	.43	.08	.13																													6.78	
Keedysville	do	.03	.08	.03																													1.23	
La Plata	do		.02																														5.54	
Laurel	do	2.26																															7.12	
Millington	do	.06																															4.00	
Oakland	Ohio		.02																													2.47		
Princess Anne	Atlantic		.06																													3.54		
Public Landing	do		19																													3.49		
Ridgely	do	.22																															4.23	
Rock Hall	do	.46																															4.46	
Salisbury	do																																5.36	
Solomons	do	.03	.01																														2.74	
State Sanatorium	do		.40	.25																													1.65	
Takoma	do	15	.05																														4.59	
Western Port	do	.02																															2.54	
Westminster	do	.82		.09																													3.27	
Woodstock	do	.28	.90	.46	.47	.07																											6.07	
<i>District of Columbia.</i>																																	5.07	
Washington***	Atlantic		T.																															
<i>Delaware.</i>																																		
Delaware City	Atlantic		.09																														3.14	
Dover	do	T.	.28																														4.53	
Milford	do	.15																															4.78	
Millsboro	do	.02																															6.60	
Seaford	do																																4.57	
Wilmington	do																																3.79	

Except as otherwise indicated observations are generally made late in the afternoon, near sunset, and precipitation recorded is for the 24 hours ending at the time of observation.

\*\*\*Regular Weather Bureau station; precipitation is for the 24-hour period, midnight to midnight. \*\*Precipitation is for 24-hour period, midnight to midnight.

|||Precipitation measured in the morning; amount then recorded is for the preceding 24 hours. \*Precipitation included in the next following measurement.

T. Trace, or less than 0.01 inch. Data in italics determined from surrounding stations.

## COMPARATIVE DATA FOR MARYLAND AND DELAWARE FOR AUGUST.

Year.	Temperature.				Precipitation.				Year.	Temperature.				Precipitation.						
	Mean.	Departure from the normal.	Highest.	Lowest.	Average.	Greatest local.	Least local.	Greatest in 24 hours.	Snowfall.	Mean.	Departure from the normal.	Highest.	Lowest.	Average.	Greatest local.	Least local.	Greatest in 24 hours.	Snowfall.		
1895.....	75.7	+2.3	102	31	2.03	-2.39	4.76	0.49	2.26	1910.....	72.4	-1.0	95	84	2.85	-1.57	12.63	0.54	7.19	0.0
1896.....	74.6	+1.2	103	34	1.77	-2.71	4.50	0.47	1.90	1911.....	74.7	+1.3	104	92	9.94	+5.52	15.63	3.89	7.33	0.0
1897.....	71.8	-1.6	95	39	3.51	-0.91	5.62	1.48	3.23	0.0	71.8	-1.6	99	86	2.79	-1.63	6.26	2.00	0.0	9
1898.....	75.4	+2.0	98	46	6.48	+2.06	10.61	2.81	5.93	0.0	73.1	-0.3	101	98	3.86</td					

## Daily Temperatures for August, 1924.

Stations.	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	Mean	
<i>Maryland.</i>																																	
Aberdeen.....	Maximum.....	77	77	74	83	88	96	95	91	92	88	84	75	77	76	79	79	81	71	76	78	82	79	78	83	74	82	84	86	84	87	90	82.1
	Minimum.....	60	61	66	64	67	72	74	70	69	69	70	63	62	63	55	58	67	55	52	66	63	64	61	60	65	63	60	65	64.1			
Annapolis.....	Maximum.....	80	76	66	64	63	73	79	70	69	69	70	67	64	61	57	60	68	55	53	78	82	85	81	80	81	79	86	85	92	84	87	88
Baltimore (U. S. W. B.)	Maximum.....	80	76	76	84	93	100	97	91	95	89	86	80	78	78	78	82	84	74	76	84	85	79	77	83	75	86	86	85	84	84	84.4	
	Minimum.....	69	62	66	66	69	76	78	72	73	74	70	67	65	64	60	66	67	59	58	66	71	66	67	66	69	68	66	67	66	65	65.3	
Bell.....	Maximum.....	79	79	86	96	100	99	97	90	86	82	81	78	79	85	86	86	82	84	86	85	81	82	84	86	84	84	86	87	86	86	86.0	
	Minimum.....	66	56	64	60	63	71	74	66	67	67	65	60	49	48	60	65	62	65	58	61	63	68	67	55	62	55	62	60	69	60.9		
Boyds.....	Maximum.....	86	79	77	87	99	102	97	94	99	94	88	85	80	81	83	82	86	78	81	84	89	87	81	91	90	92	91	103	87.6			
	Minimum.....	66	56	63	63	69	66	63	66	65	64	58	51	49	61	51	45	60	63	53	65	65	67	53	58	54	61	58	54	60.5			
Cambridge.....	Maximum.....	83	78	79	84	90	96	99	89	86	81	75	79	78	77	81	80	79	79	86	82	81	80	78	81	86	90	89	87	87	93	83.8	
	Minimum.....	63	60	67	64	64	73	69	71	71	69	66	63	59	59	59	63	64	59	64	67	67	62	63	64	63	68	64	66	64.6			
Cecilton.....	Maximum.....	78	80	79	87	92	100	97	90	96	90	87	81	81	78	81	85	85	74	81	83	84	83	83	87	88	85	91	95	85.4			
	Minimum.....	63	56	63	61	65	73	74	70	68	69	65	66	61	63	55	59	54	50	52	68	60	68	62	65	62	69	65	63	64.4			
Cheltenham.....	Maximum.....	86	81	80	87	97	100	98	92	98	90	88	84	80	77	78	81	85	73	79	84	86	81	86	84	89	80	87	96	86.1			
	Minimum.....	66	58	69	64	69	72	74	66	68	68	67	65	62	60	59	53	54	50	54	66	61	63	64	67	67	58	60	57	63.4			
Chewsville.....	Maximum.....	78	75	85	95	97	91	90	95	88	87	80	74	81	79	81	80	85	75	80	82	89	86	88	86	89	90	97	83.7				
	Minimum.....	63	57	64	67	71	71	61	64	64	63	56	53	48	52	63	46	44	62	62	58	66	63	54	59	52	57	62	60.1				
Clear Spring (a).....	Maximum.....	78	72	72	82	95	98	94	93	92	81	81	74	80	81	82	79	78	79	80	84	86	82	89	90	94	96	95	99	85.5			
	Minimum.....	59	58	57	64	71	74	70	66	61	66	60	58	59	54	63	55	47	45	47	62	61	62	66	52	57	55	65	60.6				
Coleman.....	Maximum.....	79	74	86	92	100	99	95	89	86	79	80	78	82	82	85	74	80	83	81	80	85	75	84	88	90	84	85	94.7				
	Minimum.....	63	61	65	62	66	73	74	69	60	67	66	62	60	56	58	54	64	68	61	67	67	62	67	65	63	67	64	62.5				
College Park.....	Maximum.....	86	79	82	86	96	102	98	90	98	95	87	84	79	79	86	84	82	85	80	84	88	91	86	89	100	86	86	86.6				
	Minimum.....	66	55	65	60	62	71	73	68	63	68	67	65	61	49	45	50	63	62	64	67	55	62	59	56	62	61	61.1					
Crisfield.....	Maximum.....	84	77	78	83	88	91	93	90	92	89	89	83	75	75	80	80	80	81	80	78	82	88	81	81	81	87	88	83	87	84.1		
	Minimum.....	72	60	64	66	61	71	81	77	70	75	71	74	65	66	59	59	62	54	61	69	73	68	58	72	72	69	69	76	67	65	71	67.9
Cumberland §§.....	Maximum.....	81	76	75	93	97	99	94	90	92	90	84	80	83	84	81	76	84	80	84	83	89	88	89	98	99	98	99	98	99	98.5		
	Minimum.....	65	53	63	63	63	69	69	61	65	62	65	63	56	54	47	53	88	49	45	54	63	63	67	66	54	61	55	55	62.0			
Darlington.....	Maximum.....	82	81	77	85	93	101	99	93	93	93	91	81	80	80	83	82	82	82	80	83	80	85	83	89	91	95	95	95	95	95.7		
	Minimum.....	62	55	68	57	61	72	73	68	65	67	65	64	58	61	52	53	65	52	47	62	64	57	61	65	68	67	55	62	61	61.1		
Easton.....	Maximum.....	82	87	78	85	95	100	96	98	90	90	81	76	79	80	84	86	76	81	84	88	86	84	85	91	93	99	88	92	86.5			
	Minimum.....	69	59	66	62	66	74	74	70	69	69	63	62	56	57	56	55	56	56	57	63	61	59	61	66	64	64	61	53	61.4			
Emmitsburg.....	Maximum.....	82	74	69	83	90	95	92	88	92	87	82	78	78	74	78	70	80	71	76	73	77	84	79	81	86	87	85	90	82.0			
	Minimum.....	64	58	61	61	65	71	72	66	69	64	63	58	55	55	53	51	61	61	60	64	66	68	66	60	66	63	61	63.1				
Fallston.....	Maximum.....	74	75	81	87	90	99	97	94	98	90	84	78	82	80	80	78	76	78	74	75	70	75	80	75	81	86	80	81.0				
	Minimum.....	66	56	62	60	65	71	72	67	67	64	61	59	54	52	62	66	59	61	66	66	66	62	62	64	62	64	62.5					
Ferry Landing.....	Maximum.....	80	77	81	85	90	98	96	98	95	88	87	80	78	77	77	79	84	78	79	82	85	86	89	88	85	85	85	85	83.7			
	Minimum.....	67	58	65	66	73	75	68	71	69	66	65	62	60	55	55	56	55	56	55	61	60	68	61	60	68	61	60	68	64.2			
Frederick.....	Maximum.....	85	83	75	92	97	101	99	94	90	93	84	81	83	86	87	77	84	80	84	89	90	82	87	92	90	94	100	88.3				
	Minimum.....	66	54	63	67	64	71	73	67	67	69	66	55	52	47	53	62	49	45	53	60	67	66	68	58	65	62	62.9					
Freeland.....	Maximum.....	80	80	76	82	89	96	92	97	99	87	89	86	80	86	87	81	89	87	89	84	86	87	87	88	87	88	87	88	84.8			
	Minimum.....	62	50	59	57	69	65	69	65	67	62	65	57	54	47	51	61	50	44	55	51	57	60	61	51	57	57	57.3					
Friendsville.....	Maximum.....	74	72	75	84	90	97	94	88	82	84	78	70	80	78	76	74	75	67	80	77	81	85	77	81	86	80	80	80.0				
	Minimum.....	52	48	52	55	60	61	69	63	65	58	56	55	52	52	52	52	52	45	42	58	61	64	62	60	64	61	50	58	56.3			
Frostburg.....	Maximum.....	78	75	74	87	92	91	90	88	86	87	85	78	79	79	82	80	74	80	76	88	83	87	88	82.3								
	Minimum.....	61	49	58	63	63	71	62	65	65	66	62	55	51	44	41	61	56	52	56	61	61	62	58	61	53	52	57.4					
Grantsville.....	Maximum.....	76	72	82	86	93	100	94	99	94	89	80	79	71	81	84	85	74	80	82	87	84	81	86	87	86	87	80.9					
	Minimum.....	58	52	62	64	66	76	72	71	71	70	68	67																				