

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

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In Cooperation with Maryland State Weather Service

CLIMATOLOGICAL DATA

MARYLAND AND DELAWARE SECTION

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PRICE: 5 CENTS A COPY; 50 CENTS A YEAR

VOL. XXXIV BALTIMORE, Md., OCTOBER, 1929 No. 10

GENERAL SUMMARY

October was cool and wet. The average rainfall was nearly twice the normal, and was the fourth greatest of record for October since 1885. This month was 4° cooler than October, 1928, with an average rainfall slightly more than five times as great.

The month, however, was not a "wet" one, when frequency of rainfall is considered, as most of the rain occurred on the 1st-2d and on the 22d. There was much pleasant weather. Periods of clear sky and bright sunshine were 6-14th, 17-20th, 23d, and 26-28th. The feature of the month was the storm of the 2d.

Cool weather during the month was interrupted by mild temperatures on the 2d, 7th, 13-14th, 16th, 20th-23d, 26-27th, and 31st. The first general occurrence of freezing temperature over the central and eastern divisions, except the Chesapeake Bay region, was on the 11th, with killing frost.

Monthly rainfall was close to 3 inches over the southern third and between 3 and 5 inches over the central and northern thirds of the Eastern Shore. It was between 4 and 6 inches in southern Maryland. In western and north-central Maryland the totals were between 5 and 9 inches, or two to three and one-half times the normal, and averaged about 7 inches.

In western and north-central Maryland 24-hour rainfall amounts were between 3 and 5 inches on the 1st-2d and between 1 and 4.5 inches on the 22d. High water resulted in all streams.

In the Allegheny Mountain region there were snow flurries on the 24th and a light snowfall of 0.5 to 1 inch occurred on the 25th. Snow flurries occurred in the early morning of the 29th over western and north-central Maryland.

The month was favorable for outdoor work. During the second week cutting corn and tobacco and picking green tomatoes ended; digging late potatoes began in western Maryland; and pastures improved to fair to good. Digging sweet potatoes, picking apples and pears, and husking corn were in progress. Tobacco was curing nicely; some was stripped during the third decade. Sowing of grains was general in the central and eastern divisions after the first week. Early sown grains came up in western Maryland between the Allegheny and Blue Ridge Mountains and also in north-central Maryland during the first decade. These and the grains already up in the Allegheny Mountain region did well and were in good condition.—J. B., jr.

HIGH WIND, HIGH TIDE, AND HEAVY RAIN OF OCTOBER 2

A tropical hurricane, moving slowly westward, passed between Key West and the southern Florida coast during September 28, after which it recurred to the northwestward over the Gulf of Mexico. It passed inland on the west Florida coast early in the night of September 30 and then advanced northeastward. Its further movement was over Georgia and the Carolinas, with increased speed, to southeastern Virginia on the morning of October 2. It then passed northward over eastern Maryland and Delaware, reaching east-central Pennsylvania by 8 p. m. of the same day.

The passage of the storm over this section was marked by a southeast gale over the eastern portion, record-breaking high tide in Chesapeake Bay and at the mouths of its tributaries, and heavy rain. Little, if any,

damage resulted from the gale, as it was of short duration, owing to the rapid movement of the storm. The unusually high tide caused some damage by flooding water-front streets and property in the towns located on or near Chesapeake Bay; at Baltimore the tide was 4.7 feet above normal high tide. The rainfall was exceptionally heavy over western and north-central Maryland, with falls of 3 to 5 inches.—J. B., jr.

PRESSURE

The monthly mean sea-level pressure at Washington, Baltimore, and at Aberdeen was 30.06 inches. The highest at Washington was 30.72; at Baltimore, 30.73; at Aberdeen, 30.77 inches—all on the 10th. The lowest at Washington was 29.29; at Baltimore, 29.28; at Aberdeen, 29.34 inches—all on the 2d.

TEMPERATURE

The monthly mean for the section, 53.6°, is 2.7° below normal. The highest monthly mean was 59.2° at Crisfield; the lowest, 46.4°, at Grantsville. The highest temperature, 85°, occurred at Cambridge on the 7th; the lowest, 23°, at Lutherville on the 18th and at Oakland on the 28th. The greatest monthly range was 56° at Cambridge and Lutherville; the least, 38°, at Solomons. The greatest daily range was 49° at Oakland on the 19th.

PRECIPITATION

The monthly average for the section, 5.44 inches, is 2.58 inches above normal. The greatest monthly amount was 9.27 inches at Keedysville; the least, 2.41 inches, at Princess Anne. The greatest 24-hour amount was 4.58 inches at Sines on the 2d. The monthly average snowfall for the section, 0.1 inch, is normal. The greatest monthly snowfall was 1.0 inch at Oakland and Sines. The number of days with 0.01 inch or more of precipitation, 9, is 2 above normal.

RELATIVE HUMIDITY

The average percentages were: Washington, D. C., 8 a. m., 81; 12 noon, 52; 8 p. m., 65. Baltimore, Md., 8 a. m., 75; 12 noon, 55; 8 p. m., 64. Aberdeen, Md., 8 a. m., 83; 4 p. m., 60. Philadelphia, Pa., 8 a. m., 76; 12 noon, 55; 8 p. m., 63.

WIND

(By 8-cup anemometer, except 4-cup at Aberdeen, Md.)

The prevailing wind direction for the section was northwest. The total movement at Washington was 4,397; at Baltimore, 7,391; at Aberdeen, 5,624 miles. The maximum velocity at Washington was 28 miles; at Aberdeen, 38 miles—both from the northwest on the 17th; at Baltimore, 48 miles from the southeast on the 2d.

SUNSHINE AND CLOUDINESS

At Washington, 56 per cent of the possible sunshine was recorded; at Baltimore, 65 per cent; at Aberdeen, 66 per cent. For the whole section the average number of clear days was 15; partly cloudy, 8; cloudy, 8.

MISCELLANEOUS PHENOMENA (WITH DATES)

Fogs, dense.—Aberdeen, 7, 20; Darlington, 7, 31; Fallston, 31; Frederick, 7; Washington, D. C., 12; on the coast, 31.

Frost, killing (first of season).—Central and eastern divisions, except Chesapeake Bay region, 11.

Hail, light.—Oakland, 4; Solomons, 15.

Sleet, light.—Western and north-central Maryland, early morning 29.

Rainbows.—Ferry Landing, 15; Grantsville, 16; Millsboro, 22.

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Climatological Data for October, 1929

Stations	Counties	Elevation, feet	Length of record, years	Temperature, in degrees Fahr.						Precipitation, in inches			Number of days			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 (unmeted)	With precip. 0.01 inch or more	Clear	Partly cloudy	Cloudy			
<i>Maryland</i>																					
Aberdeen.....	Harford.....	80	11	53.0	-3.1	76	7	29	18	33	8.24	+0.85	1.83	0.0	7	10	9	12	w.	U. S. Army.	
Annapolis.....	Anne Arundel.....	45	64	56.4	-1.7	79	7	34	18	33	5.05	+1.79	2.40	0.0	9	13	9	9	w.	Louis E. Foster.	
Baltimore*	Prince Georges.....	115	59	56.2	-2.0	79	7	38	18	30	6.77	+3.88	4.16	T.	9	13	9	9	sw.	U. S. Weather Bureau.	
Bell††.....	Montgomery.....	151	9	52.7	.....	80	7	25	18	42	4.60	.....	1.61	0.0	9	14	9	8	nw.	Bureau Plant Industry.
Boys.....	Cambridge (near).....	424	10	52.6	-3.4	78	7	29	11	45	7.39	+4.74	3.25	T.	8	16	8	7	nw.	Thomas B. Daymude.	
Cambidge.....	Dorchester.....	25	36	56.2	-3.0	85	7	29	11	40	5.14	+1.90	2.00	0.0	6	16	7	8	sw.	Matt Harding.	
Cecilton.....	Cecil.....	85	11	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	w.	Wm. F. Coale.
Cheltenham.....	Prince Georges.....	230	29	55.0	-2.2	78	7	29	18	38	5.31	+2.54	1.78	0.0	9	15	9	7	nw.	Geo. Hartnell.	
Chewes.....	Washington.....	530	32	50.4	-4.3	76	20	29	18	41	5.96	+3.41	2.69	T.	10	15	7	9	nw.	D. Paul Oswald.	
Clear Spring.....	do.....	600	32	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Coleman††.....	Kent.....	80	32	56.1	-2.2	77	7	38	11	33	3.89	+0.58	1.36	0.0	6	15	9	7	nw.	Mrs. Leo A. Cohl.	
College Park.....	Prince Georges.....	87	43	54.0	-2.1	78	7	27	18	44	4.43	+1.79	1.68	0.0	8	16	8	7	nw.	Walter B. Harris.	
Crisfield.....	Somerset.....	5	10	59.2	-1.3	83	20	33	18	33	3.94	+1.50	1.48	0.0	7	14	8	9	sw.	Prof. Thos. A. White.	
Cumberland.....	Allegany.....	623	57	53.5	-0.7	80	20	33	9	43	5.40	+3.03	3.18	T.	11	20	4	7	.....	A. B. Cochrane.
Darlington.....	Harford.....	300	39	52.4	-2.8	76	7	29	18	33	5.06	+2.01	1.70	0.0	7	16	9	6	ne.	Harvey H. Weiss.	
Easton.....	Talbot.....	35	39	54.2	-3.6	80	2	30	11	37	5.21	+2.09	1.66	0.0	10	15	8	8	w.	Fred C. Jones.	
Elkton.....	Cecil.....	28	3	53.5	.....	81	7	28	11	46	4.09	.....	1.55	0.0	8	19	6	6	w.	Clement E. Bray.
Emlittsburg.....	Frederick.....	720	61	52.9	-2.1	75	27	34	18	29	7.33	+3.84	.....	T.	7	17	4	10	w.	H. W. Bouchelle.
Fallston††.....	Harford.....	450	60	53.2	-1.9	75	7	31	18	33	6.46	+3.08	2.52	0.0	9	18	12	6	nw.	Mt. St. Mary's College.	
Ferry Landing††.....	Calvert.....	110	13	55.0	-3.1	80	7	30	11	36	4.42	+1.54	1.51	0.0	8	14	9	8	nw.	Miss Dora Curtiss.	
Frederick.....	Frederick.....	275	55	53.5	-2.2	79	7	32	19	41	7.10	+4.52	3.53	T.	8	16	8	7	nw.	Thos. J. Bourne.	
Friendsville.....	Garrett.....	1,501	11	47.8	-4.1	75	12	27	9	42	7.34	+3.90	3.50	0.5	12	10	11	10	.....	A. T. Brust.
Frostburg.....	Allegany.....	1,929	28	50.4	-3.9	76	20	30	9	35	8.14	+5.20	3.95	T.	13	18	5	8	w.	Joab J. Friend.	
Grantsville.....	Garrett.....	2,351	36	46.4	-3.7	74	12	26	9	45	6.93	+4.26	3.52	0.5	13	8	11	12	w.	T. F. Lewis.	
Great Falls††.....	Montgomery.....	200	40	53.4	-2.8	78	7	28	18	40	6.32	+3.80	3.00	0.0	10	14	10	7	sw.	Floyd J. Miller.	
Hancock (Tonoloway).....	Washington.....	455	19	51.5	-2.9	79	20	28	18	47	8.46	+5.83	3.78	T.	9	19	5	7	.....	Chas. E. Sullivan.
Keadysville.....	do.....	400	25	53.4	-2.5	77	7	30	18	43	9.27	+6.52	4.44	T.	9	15	7	9	nw.	American Fruit Growers.	
Laurel.....	Prince Georges.....	320	35	53.8	-1.9	78	7	30	18	36	4.96	+2.20	1.98	0.0	9	15	8	8	.....	J. A. Miller.
Lutherville.....	Baltimore.....	340	3	52.1	.....	79	7	23	18	44	7.51	.....	4.09	T.	9	14	11	6	sw.	Evans G. Chaney.
Maryland Line.....	do.....	840	5	52.4	.....	73	7	31	18	33	9.01	.....	4.30	T.	8	17	8	6	w.	August W. Clark, P. M.
Mechanicsville.....	St. Marys.....	165	.....	.....	.....	.....	.....	.....	.....	.....	5.13	.....	2.00	0.0	7	15	9	7	sw.	Chester L. Fulton.
Millington.....	Kent.....	27	32	54.6	-2.7	78	2	29	11	38	3.76	+0.85	1.07	0.0	8	16	8	7	w.	Zach S. Graves.	
Newburg.....	Charles.....	110	4	57.0	.....	83	7	32	11	39	5.00	.....	1.93	0.0	9	16	6	9	w.	Henry L. Higman.
Oakland.....	Garrett.....	2,461	30	47.4	-1.9	75	19	23	28	49	8.09	+4.85	3.42	1.0	13	13	9	9	w.	John P. Burdette.	
Picardy.....	Allegany.....	900	3	51.6	.....	77	20	31	9	37	6.91	.....	5.57	.....	8	20	4	7	w.	R. E. Weber.
Pleasant Hill††.....	Baltimore.....	660	5	.....	.....	.....	.....	.....	.....	.....	5.57	.....	2.70	T.	7	15	9	7	nw.	D. E. Catlett.
Pocomoke City.....	Worcester.....	37	24	.....	.....	.....	.....	.....	.....	.....	3.13	+0.03	1.40	0.0	4	14	9	8	.....	J. E. Henry.
Princess Anne.....	Somerset.....	17	54	54.5	-3.2	77	7	26	18	42	2.41	.....	1.00	0.0	6	14	9	8	sw.	Wm. H. Dryden.
Public Landing††.....	Worcester.....	10	14	56.0	-2.6	81	7	28	18	36	2.71	-0.01	.....	0.0	5	15	8	8	sw.	James R. Stewart.
Ridgely.....	Caroline.....	57	8	54.4	-2.8	78	7	29	18	36	3.00	-0.01	1.02	0.0	9	14	8	9	nw.	Mrs. Davida Lester.	
Roch Hall.....	Kent.....	25	15	55.5	-8.0	78	7	32	11	36	4.56	+2.53	1.75	0.0	8	15	8	8	s.	Albert White.	
Salisbury.....	Wicomico.....	23	24	56.8	-1.7	81	7	28	18	38	3.02	-0.21	1.25	0.0	6	17	6	8	s.	Charles Judefind.	
Sines (Deep Creek).....	Garrett.....	2,040	2	47.4	68	7	32	18	33	6.86	4.58	1.0	13	6	14	11	11	se.	Homestead Dairy Farms.
Solomons.....	Calvert.....	20	38	57.6	-2.7	77	7	39	18	27	3.12	+0.53	1.31	0.0	7	13	9	6	sw.	C. E. MacMurray.	
State Sanatorium.....	Frederick.....	1,460	21	51.8	-3.5	71	7	27	18	27	9.16	+6.56	4.06	T.	8	17	4	10	w.	Dr. W. H. Marsh.	
Stevensville.....	Queen Annes.....	12	3	56.9	.....	81	7	39	19	31	5.21	.....	2.30	0.0	8	14	9	8	ne.	Dr. V. F. Cullen.
Takoma.....	Montgomery.....	320	31	54.4	-1.7	76	7	34	18	31	3.97	+1.42	1.53	0.0	10	12	10	9	sw.	T. R. Price.	
Towson.....	Baltimore.....	465	17	.....	.....	.....	.....	.....	.....	.....	5.62	+2.90	2.00	T.	8	13	9	9	sw.	L. M. Mooers.
Western Port.....	Allegany.....	1,000	36	52.6	-2.2	78	20	30	9	42	5.34	+3.06	2.50	T.	12	18	6	7	.....	Metropolitan District.
Westminster.....	Carroll.....	770	20	52.8	-3.0	74	20	30	18	36	5.87	+3.36	2.35	T.	9	18	6	7	sw.	Norris Bruce.	
Woodstock.....	Baltimore.....	415	59	53.0	-1.9	76	7	26	18	42	5.46	+2.45	2.27	T.	9	13	11	7	nw.	Prof. S. P. Caltrider.	
Means and extremes:																				Street and Water Depts.	
For Maryland and District of Columbia.....																					
For Delaware.....																					
For entire section.....																					

The departures from normal temperature and precipitation are computed only for such stations as have 10 or more years of record, but all complete reports are used in determining section or division means. Data in italics determined from surrounding sections. T. Precipitation is less than 0.01 inch rain or melted snow.

Reference letters, a, b, c, appearing in the table indicate number of days missing. For example, b represents two days, etc.

† Post office addresses of these stations are as follows: Of Bell, Glendale; of Coleman, Worton; of Fallston, Bagley; of Ferry Landing, Owings; of Great Falls, Bethesda; of Pleasant Hill, Owings Mills; of Public Landing, Snow Hill. †Also on other dates. *Custom House, Gay and Water Streets. **Weather Bureau Building, 24th and M Streets.

(Continued from page 37)

Thunderstorms.—Allegheny Mountain region, 4, 22; western Maryland, 14, 16; central and eastern divisions, 15; extreme northern Eastern Shore, 16.

Tide, high.—Atlantic coast and Chesapeake Bay, 2-3; 22.

Winds, high.—Southerly (gale), east portion, 2; northerly, west portion, 2; northwest, 3, 17; southeast, 22.

NOTES

Newburg.—First wild geese, 11; first junco, 18.

Picardy.—Strong winds on 2d and 17th did much damage to apples.

Solomons.—Highest tide in years did considerable damage to river banks.

Daily Precipitation for October, 1929

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

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

Precipitation measured in the morning; amount then recorded is for the preceding 24 hours.

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

COMPARATIVE DATA FOR MARYLAND AND DELAWARE FOR OCTOBER

Daily Temperatures for October, 1929

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>																																	
Annapolis	Maximum	62	75	66	65	60	70	79	74	62	55	64	68	77	75	65	69	68	62	63	68	71	69	67	65	58	70	75	72	55	50	61	66.3
	Minimum	52	51	49	42	49	54	48	39	45	37	43	60	50	49	43	46	34	39	44	55	62	50	42	42	42	42	42	46	49	46.5		
Baltimore (U. S. W. B.)	Maximum	57	77	68	61	63	70	79	64	60	57	61	65	76	70	60	71	60	64	67	72	74	70	67	63	52	72	76	60	48	50	62	65.2
	Minimum	51	51	49	47	44	48	55	50	43	41	39	47	58	55	60	46	44	38	45	47	56	57	51	43	42	42	49	46	41	44	48	47.3
Bell	Maximum	59	75	66	62	60	73	80	75	59	55	61	68	74	73	63	67	67	59	69	75	76	69	66	61	53	68	74	68	53	49	65	65.9
Boysd	Maximum	50	50	49	46	39	38	48	37	29	37	27	33	54	45	45	35	38	25	30	33	47	62	41	38	35	30	33	32	40	43	47	39.5
Boysd	Minimum	60	57	65	62	62	75	78	65	64	59	65	70	77	68	58	72	61	62	72	75	73	68	66	62	55	73	74	48	46	67	65.6	
Cambridge (near)	Maximum	49	50	47	44	32	38	46	39	30	37	29	34	51	43	42	38	33	39	29	31	34	51	61	42	33	38	31	33	39	41	47	39.5
Cambridge (near)	Minimum	66	79	64	64	63	73	85	73	61	60	61	70	79	74	59	76	69	59	70	70	66	60	71	75	68	54	55	73	68.3			
Cecilton	Maximum	52	56	52	50	36	52	52	45	33	36	29	33	57	47	43	49	50	30	34	45	53	64	44	40	45	35	35	44	43	48	51	44.2
	Minimum																																
Cheltenham	Maximum	61	77	66	63	63	73	78	73	63	58	62	70	77	71	64	72	68	62	72	77	75	71	69	57	70	76	69	52	50	70	67.4	
	Minimum	52	52	49	48	47	53	42	32	39	30	36	55	47	46	36	43	29	34	44	52	63	44	36	38	36	37	38	40	44	48	42.7	
Chewsville	Maximum	58	57	63	56	58	70	72	61	59	58	61	65	72	63	58	73	63	60	70	76	70	69	62	56	49	69	73	60	44	59	62.9	
	Minimum	48	49	45	43	33	38	56	37	32	35	41	45	51	40	44	32	39	29	37	58	55	43	47	34	37	34	37	37	43	40.6		
Clear Spring	Maximum	62	77	63	59	64	73	77	69	63	56	64	64	75	70	60	69	65	60	71	76	76	69	67	66	55	70	77	65	51	60	60	65.9
	Minimum	50	53	49	47	43	45	55	51	43	39	38	42	55	51	49	46	48	38	41	44	51	61	49	43	44	44	40	44	46	43	46.3	
College Park	Maximum	61	76	65	63	61	74	78	74	63	57	64	69	77	71	61	70	69	61	72	78	75	70	68	63	55	71	76	68	54	60	68	67.2
	Minimum	51	52	50	47	44	34	39	48	41	30	38	28	34	50	45	48	38	43	27	31	34	46	64	46	35	38	32	34	41	44	49	40.9
Crisfield	Maximum	69	77	67	63	61	75	79	72	63	64	63	72	76	77	68	70	69	63	70	67	65	66	70	63	62	58	74	68.7				
	Minimum	58	59	54	48	42	55	57	52	56	40	37	41	57	53	49	52	52	53	32	33	42	50	56	47	45	46	43	45	49	47.7		
Cumberland §§	Maximum	54	65	58	66	76	73	60	65	59	63	73	64	64	60	69	55	58	65	78	70	62	50	57	70	75	60	56	50	59	64.7		
	Minimum	50	49	48	44	35	39	49	38	33	39	39	44	44	40	36	46	39	35	38	48	52	41	41	43	37	37	39	43	42.3			
Darlington	Maximum	59	72	63	60	63	70	76	61	58	60	65	75	71	61	71	60	66	66	68	73	67	66	60	55	75	73	57	53	60	64.6		
	Minimum	50	50	47	43	36	34	45	44	32	31	31	38	46	48	46	43	49	31	32	42	60	47	37	33	35	34	38	37	44	40.3		
Easton	Maximum	61	80	65	56	64	75	76	64	62	60	67	70	69	65	68	66	60	70	75	75	69	63	51	65	74	65.4						
	Minimum	50	54	50	41	36	49	54	50	35	34	30	35	56	46	45	47	30	34	43	51	58	46	41	37	36	40	39	40	44	50	43.1	
Elkton	Maximum	58	75	64	63	65	75	81	64	62	61	67	78	70	62	69	64	61	71	78	73	68	63	57	71	77	62	49	48	61	66.6		
	Minimum	48	52	48	40	33	38	51	40	31	28	35	49	45	47	42	40	28	30	34	41	63	44	36	39	40	34	37	43	47	40.4		
Emmitsburg	Maximum	58	65	63	60	68	72	59	51	52	59	65	72	61	55	53	58	63	68	70	67	70	68	63	56	69	75	60	47	55	61.9		
	Minimum	42	48	44	44	38	42	54	46	35	38	36	44	52	47	48	44	45	34	43	45	52	61	48	42	40	41	43	36	43	49.9		
Fallston	Maximum	58	74	62	59	61	71	75	68	58	55	62	68	73	66	59	51	58	68	74	74	66	61	54	68	74	66	46	59	64.0			
	Minimum	47	50	45	37	43	42	52	43	37	32	38	32	46	55	42	44	32	41	39	47	53	60	44	36	35	45	41	37	45	42.4		
Ferry Landing	Maximum	62	75	61	62	70	72	70	60	56	52	59	62	70	67	60	67	70	75	76	65	62	57	72	75	65	52	70	66.5				
	Minimum	50	51	49	48	36	48	54	45	31	30	35	44	54	48	42	43	32	35	48	27	30	29	31	32	35	48	27	34	44	35.4		
Frederick	Maximum	58	65	60	63	73	79	66	62	57	60	70	71	70	60	67	69	72	74	74	70	68	58	55	73	76	66	51	49	55	61.1		
	Minimum	50	49	46	45	35	38	51	44	32	38	32	39	51	45	48	36	35	36	35	36	48	63	48	38	40	39	36	44	41.9			
Friendsville	Maximum	51	47	57	48	64	67	59	57	56	47	60	75	62	60	55	62	55	57	57	72	74	62	59	48	57	65	55	49	68	58.3		
	Minimum	46	44	39	35	32	34	51	32	27	31	39	40	47	38	33	35	36	39	36	48	50	41	32	35	46	37	32	36	46	37.2		
Frostburg	Maximum	62	84	54	50	45	31	38	55	38	30	35	39	39	42	31	37	41	34	40	66	67	65	59	55	60	52	43	61	61.2			
	Minimum	46	45	40	35	31	34	43	46	30	32	38	35	40	45	37	34	35	36	34	40	46	39	41	30	32	37	39	40	45	39.0		
Grantsville	Maximum	53	47	54	49	32	35	55	52	47	33	30	33	30	32	45	44	42	45	36	40	48	57	50	44	43	41	42	43	46.6			
	Minimum	49	51	39	35	32	35	52	51	42	33	33	30	32	32	44	44	42	45	36	40	48	57	50	44	43	41	42	43	42.4			
Great Falls	Maximum	61	66	61	61	75	78	70	63	60	58	60	73	71	65	62	67	65	71	76	74	69	63	55	71	74	66	55	66.6				
	Minimum	51	50	44	43	38	40																										