

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., JANUARY, 1924. No. 1.

GENERAL SUMMARY.

January was mostly mild and unusually sunny. The monthly amount of sunshine, 15 per cent above normal, was the greatest of record in this month since January, 1899, which was just as sunny. Temperature changes were frequent, but there was much pleasant weather. Rainfall was abundant, while snowfall was very light. Outstanding features were the cold waves of the 5-6th, 21st-22d, and 26-28th.

Monthly mean temperatures over the section were 1° to 2° above normal, except 1° to 2° below normal in the Allegany Mountain region. The night of December 31 was unusually mild, with temperature around 60°. Much colder weather followed on January 1 and 2. The 4-8th was a cold period, with a cold wave on the 5-6th. Cold waves occurred also on the 21st-22d and 26-28th. The 14-15th was moderately cold. Mild weather prevailed on the 3d, 9-13th, 16-20th, 23d-25th, and 29th-31st. The highest temperatures of the month were generally between 60° and 70° on the 11th. Minimum temperatures ranged between 10° below zero and 13° above zero during the first cold wave, between 7° below zero and 11° above zero during the second cold wave, and between 5° below zero and 12° above zero during the third cold wave, from the Allegany Mountain highlands to the southern boundary on the Eastern Shore.

Monthly precipitation averaged one and one-fourth times the normal. Monthly amounts were well above 4 inches in western and north-central Maryland, or 1 to 2 inches above normal, with a maximum of 6.10 inches at Woodstock; elsewhere they were between 3 and 4 inches generally, or less than 1 inch above normal, except less than 3 inches, or slightly below normal, in extreme southern Maryland.

Monthly rainfall averaged one-fifth of the normal. Monthly amounts were only a "trace" in southern Maryland and on the Eastern Shore, but increased from 0.5 inch at the western boundary of the Coastal Plain to 8 inches in the Allegany Mountain highlands. Light snow fell in the Allegany Mountain region on the 1st, 5th, 11th, 13th, 16th, 18th, 20th, and 26th, and in north-central Maryland in the evening of the 24th. Snowfall was moderate to heavy, 3 to 6 inches, in western Maryland during the 24-25th.

Except on rapidly flowing streams of the mountain region, the cold waves produced ice of varying thickness upon ponds, lakes, creeks, streams, and rivers, and enabled farmers to fill their ice houses. Skating was enjoyed part of the month on ponds and lakes.

For several days during the mild periods following the cold waves, ice floes from the Susquehanna River interfered with shipping in the upper Chesapeake Bay.

Wheat, rye, and cover crops were in good to excellent condition. During the third decade pastures turned brown over the entire section, and winter grains turned brown over the northern portion of the section. The snowfall of the 24-25th over western Maryland remained on the ground to the close of the month. During the mild periods fields were soft and dirt roads were bad; during the cold waves fields were frozen hard and dirt roads were frozen rough.—J. B., jr.

PRESSURE.

The monthly mean sea-level pressure at Washington, D. C., was 30.22 inches; at Baltimore, 30.21; and at Aberdeen, 30.20. The highest at Washington was 30.72 inches on the 28th; at Baltimore, 30.79 on the 2d; and at Aberdeen, 30.84 on the 2d; the lowest at Washington was 29.36 inches; at Baltimore, 29.38; at Aberdeen, 29.34; all on the 11th.

TEMPERATURE.

The monthly mean for the section, 33.7°, is 1.1° above normal. The highest monthly mean, 38.4°, occurred at Crisfield, and the lowest, 26.4°, at Grantsville. The highest temperature recorded was 67° at Dover, Milford, and Seaford on the 11th, and the lowest, —10°, at Frostburg on the 6th. The greatest local monthly range was 70° at Frostburg, and the least, 49°, at Crisfield. The greatest daily range was 43° at Cumberland and Western Port on the 9th.

PRECIPITATION.

The monthly average for the section, 4.06 inches, is 0.78 inch above normal. The greatest monthly amount was 6.10 inches at Woodstock, and the least, 2.45 inches, at Solomons. The greatest amount in 24 hours was 2.00 inches at Woodstock on the 11th. The average snowfall for the section, 1.6 inches, is 6.1 inches below normal. The average number of days with 0.01 inch or more of precipitation, 7, is 2 below normal.

WIND.

The prevailing direction of the wind was northwest. The total wind movement at Washington, D. C., was 5,564 miles; at Baltimore, 4,601 miles; at Aberdeen, 6,757 miles. The maximum velocity at Washington was 44 miles per hour from the northwest on the 5th; at Baltimore, 32 miles from the southeast on the 16th; and at Aberdeen, 42 miles from the southeast on the 11th.

SUNSHINE AND CLOUDINESS.

At Washington, D. C., 60 per cent of the possible sunshine was recorded; at Baltimore, 64 per cent. For the whole section the average number of clear days was 14; partly cloudy, 8; cloudy, 9.

MISCELLANEOUS PHENOMENA (WITH DATES).

Fogs, dense.—Coastal Plain, 9, 10.

Icestorm (rain freezing upon falling).—Northern half of section, night 2-3.

Sleet.—Entire section, 2; western Maryland, 3, 16; western and north-central Maryland, night 24. Heavy, western Maryland, 2-3.

Thunderstorms.—Clear Spring, 11; Costen and Princess Anne, 19.

Winds, high.—Westerly, 1, 5, 11, 17, 21, 25, 26; southeast, 11, 16.

Climatological Data for January, 1924.

Stations*	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahr.						Precipitation, in inches.			Number of days.			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).	With precip. 0.01 inch or more.	Clear.	Partly cloudy.	Cloudy.	
<i>Maryland.</i>																			
Aberdeen.....	Harford.....	80	6	31.8	.....	62	11	4	22	30	3.80	.....	1.20	T.	6	7	10	nw.	U. S. Army.
Annapolis.....	Anne Arundel.....	45	56	35.4	+1.2	59	11	7	22	35	3.67	+0.26	1.25	T.	6	14	7	nw.	Joseph Stein.
Baltimore.....	.....	115	54	34.8	+0.8	60	11	7	22	28	4.33	+1.11	1.34	0.4	6	11	9	nw.	U. S. Weather Bureau.
Bell ff.....	Prince Georges.....	151	4	34.0	.....	64	11	0	22	40	3.64	.....	1.16	0.5	7	11	15	5	Bureau Plant Industry.
Boysd.....	Montgomery.....	424	5	33.4	.....	61	11	3	22	37	3.29	.....	1.15	2.0	6	11	10	10	James L. Higgins.
Cambridge.....	Dorchester.....	25	27	36.9	+1.5	65	11	9	22	34	4.11	+0.60	1.20	T.	9	20	5	6	sw.
Cecilton ff.....	Cecil.....	85	6	35.0	.....	64	11	6	22	32	3.89	.....	1.30	T.	7	13	5	13	nw.
Cheltenham.....	Prince Georges.....	230	24	35.8	+1.6	65	11	0	22	38	3.92	+0.39	1.22	T.	6	18	2	11	Geo. Hartnell.
Chesapeake City.....	Cecil.....	17	5	.....	.....	64	11	1	22	39	3.16	.....	1.19	T.	6	20	3	8	Harold Steele.
Chewsville.....	Washington.....	530	27	31.4	+0.8	60	11	2	22	32	3.70	+0.68	1.09	2.5	5	13	10	8	nw.
Clear Springs (a).....	do.....	500	22	30.1	+0.3	55	11	3	22	33	5.86	+2.53	1.78	5.0	7	13	8	10	w.
Clear Springs (b).....	do.....	500	26	.....	.....	63	11	6	22	32	4.84	+1.51	1.75	5.0	7	11	6	14	E. G. Kinsell.
Coleman ff.....	Kent.....	80	25	35.0	+1.8	63	11	1	22	39	3.73	+0.55	1.20	0.5	6	15	11	5	nw.
College Park.....	Prince Georges.....	87	38	34.4	+1.1	65	11	5	22	36	3.64	.....	1.27	T.	10	15	6	10	Prof. Thos. H. White.
Costen ff.....	Somerset.....	21	3	.....	.....	54	11	2	22	36	.....	.....	.....	.....	10	15	6	10	Edward McD. Moore.
Crisfield.....	do.....	5	6	38.4	.....	60	10	11	22	25	3.22	.....	1.31	T.	9	8	14	9	nw.
Cumberland.....	Alleghany.....	623	51	29.5	-1.5	64	9	2	6†	43	3.68	+1.68	1.30	8.0	8	13	7	11	Harry H. Weiss.
Darlington.....	Harford.....	300	34	32.0	+1.2	62	11	1	22	34	5.00	+1.66	1.40	0.5	6	16	7	8	Fred C. Jones.
Easton.....	Talbot.....	35	34	37.0	+2.6	61	11†	9	6†	31	3.98	+1.11	1.21	T.	7	20	2	9	sw.
Emmitsburg.....	Frederick.....	720	56	32.0	+1.4	56	11†	2	22	36	.....	.....	2.5	.....	5	15	7	9	Mt. St. Mary's College.
Fallston ff.....	Harford.....	450	55	32.4	+1.5	57	1	2	22	32	5.19	+1.50	1.72	0.5	6	10	13	8	nw.
Ferry Landing ff.....	Calvert.....	45	8	36.2	.....	63	11	2	22	37	3.58	.....	1.03	T.	5	11	11	9	nw.
Frederick.....	Frederick.....	275	50	32.7	+0.6	61	11	6	6†	31	4.10	+0.90	1.39	2.3	6	18	4	9	Chas. S. Birely.
Freeland.....	Baltimore.....	681	5	30.3	.....	54	11	0	6†	37	.....	.....	1.80	1.0	16	7	8	w.	
Friendsville.....	Garrett.....	1,501	6	29.3	.....	62	11†	0	5	41	4.83	.....	.....	6.5	14	9	9	Jasper Guard.	
Frostburg.....	Allegany.....	1,929	23	28.3	-1.6	61	9	-10	6	37	4.43	+0.75	1.80	6.5	9	17	10	4	nw.
Grantsville.....	Garrett.....	2,351	31	26.4	-0.6	58	10	-9	21	35	3.90	+0.24	1.07	7.7	10	13	5	13	w.
Great Falls ff.....	Montgomery.....	200	35	33.6	+1.1	62	11	0	22	36	4.69	+1.62	1.33	1.5	7	15	7	9	nw.
Hancock.....	Washington.....	455	14	30.6	+1.0	59	11	3	22	38	4.33	+1.60	1.48	3.0	7	22	3	6	Theodore P. Jenkins.
Keedysville.....	do.....	400	21	31.9	-0.1	60	11	2	22	32	4.26	+1.04	1.37	3.0	6	14	9	8	J. A. Miller.
La Plata.....	Charles.....	190	8	36.4	.....	64	10	4	22	35	3.44	.....	0.97	T.	6	16	8	7	nw.
Laurel.....	Prince Georges.....	320	25	33.6	+1.3	63	11	0	22	33	3.67	+0.28	1.13	0.5	7	17	6	8	Evan G. Chaney.
Millington.....	Kent.....	27	27	35.3	+1.6	66	11	6	22	33	4.55	+1.04	1.42	T.	6	19	3	9	w.
Oakland.....	Garrett.....	2,461	26	26.8	-1.3	58	10	-9	6	40	5.18	+0.98	1.98	8.3	16	7	12	R. E. Weber.	
Princess Anne.....	Somerset.....	17	49	36.4	-0.6	64	11	7	22	33	3.98	+0.89	1.45	T.	8	14	8	9	James R. Stewart.
Public Landing ff.....	Worcester.....	10	9	37.4	.....	65	1	4	22	32	4.11	.....	1.31	T.	9	18	3	10	s.
Ridgely.....	Caroline.....	57	3	36.0	+1.8	66	11	7	22	36	3.72	+0.74	1.32	T.	7	14	11	6	Louis C. de Guibert.
Roch Hall.....	Kent.....	25	9	35.2	.....	61	11	8	22	31	3.61	.....	1.32	T.	7	14	11	6	Albert White.
Salisbury.....	Wicomico.....	23	19	37.8	+0.9	65	11	3	22	33	3.70	+0.15	1.12	T.	8	16	8	7	Charles J. Judefind, P. M.
Solomons.....	Calvert.....	20	33	37.6	+2.2	62	11†	8	22	32	2.45	-0.31	0.95	T.	7	9	6	16	Fulton W. Allen.
State Sanatorium.....	Frederick.....	1,460	16	30.1	+0.3	57	11	0	6†	33	4.42	+0.68	1.71	2.5	7	11	11	10	Dr. V. F. Cullen.
Takoma.....	Montgomery.....	320	26	32.0	+0.8	63	11	5	22	28	3.30	-0.32	1.01	0.5	7	12	9	10	L. M. Mooers.
Western Port.....	Allegany.....	1,000	31	31.4	+0.9	64	9	0	6†	45	4.00	+1.52	1.30	4.5	5	17	17	17	Norris Bruce.
Westminster.....	Carroll.....	770	15	32.2	+1.1	59	11	1	22	39	4.71	.....	1.59	2.0	7	16	6	9	Prof. S. P. Caltrider.
Woodstock.....	Baltimore.....	415	54	33.2	+1.8	61	11	2	22	37	6.10	+2.72	2.00	1.0	5	17	9	5	Rev. Henry M. Brock, S. J.
<i>Dist. of Columbia.</i>																			
Washington**.....	.....	112	54	35.0	+1.6	63	11	6	22	28	3.21	-0.16	1.01	0.5	6	12	9	10	U. S. Weather Bureau.
<i>Delaware.</i>																			
Delaware City.....	Newcastle.....	10	38	34.5	+1.7	64	11	5	22	30	2.95	+0.17	0.99	T.	6	16	10	5	sw.
Doyer.....	Kent.....	34	35	36.4	+1.4	67	11	5	22	34	4.07	+0.82	1.43	T.	7	21	5	5	Arthur G. Livingston.
Milford.....	do.....	20	42	37.4	+1.8	67	11	4	22	32	3.93	+0.49	1.27	T.	8	19	5	7	Chas. J. Holzmueler.
Millsboro.....	Sussex.....	20	32	35.4	+0.4	65	11†	2	22	39	4.37	+1.03	1.41	T.	8	16	7	8	P. S. Wilgus.
Seaford.....	do.....	40	33	36.2	+1.5	67	11	1	22	33	3.35	-0.03	1.12	T.	8	18	7	6	E. B. Brown.
Wilmington.....	Newcastle.....	86	31	33.5	+0.7	62	11	4	22	32	4.93	+1.58	1.47	0.2	6	20	2	9	Street and Water Depts.
For Maryland and District of Columbia.....	.....	.....	.....	33.4	+1.1	66	11	-10	6	43	4.07	+0.79	2.00	1.8	7	14	8	9	nw.
For Delaware.....	.....	.....	.....	35.6	+1.3	67	11	1	22	39	3.93	+0.67	1.47	T.	7	18	6	7	nw.
For entire section.....	.....	.....	.....	33.7	+1.1	67	11	-10	6	43	4.06	+0.78	2.00	1.6	7	14	8	9	nw.

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.

Reference letters, *, †, ‡, appearing in the table indicate number of days missing: for example, * represents two days, etc.

†Also on other dates. †† Received too late to be included in means and summaries.

‡Post-office addresses of these stations are as follows: Of Bell, Glenndale; of Coleman, Worton; of Costen, Westover; of Fallston, Bagley; of Ferry Landing, Owings; of Great Falls, Bethesda; of Public Landing, Snow Hill.

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

JANUARY, 1924.

CLIMATOLOGICAL DATA: MARYLAND AND DELAWARE SECTION.

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Daily Precipitation for January, 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		
Maryland.																																		
Aberdeen	Atlantic	.89	.50																															3.80
Annapolis	do	.04	1.25																														3.67	
Baltimore***	do	T.	.69	.52																													4.33	
Bell	do	14.1	1.09																														3.64	
Boys	do	*	.90																														3.29	
Cambridge	do	.04	15.1	2.0																													.05	4.11
Cecilton	do	.03	1.22	.01																														3.89
Cheltenham	do	12.1	2.22																															3.92
Chesapeake City	do	*	1.10																															3.16
Chewsville	do	26	.83	T.																														3.70
Clear Spring(a)	do	*	1.50	T.																														5.86
Clear Spring(b)	do	*	1.22	T.																														4.84
Coleman	do																																	
College Park	do	.06	1.20																															3.73
Costen	do	.01	11	.88	T.																													3.64
Crisfield	do	.06	13	.97																														3.22
Cumberland	do	.07	1.00	.09	T.																													3.68
Darlington	do	*	1.20																															5.00
Easton	do	17	1.21																															3.98
Emmitsburg	do	T.																																
Fallston	do		11	1.14																														5.19
Ferry Landing	do	10	1.03																															3.58
Frederick	do	T.	.05	.86	T.																													4.10
Freeland	do	T.																																
Friendsville	Ohio	*	* 1.95	.05																														4.83
Frostburg	Atlantic	.06	* 1.05	.01																														4.43
Grantsville	Ohio	.10	10.07	.10																														3.90
Great Falls|||	Atlantic	.18	1.10	.23																														4.69
Hancock	do	.05	1.20	.02	T.																													4.33
Keedysville	do	.06	.94	T.																														4.26
La Plata	do	.01	.23	.97	T.																													3.44
Laurel	do	.01	10	1.13																														3.67
Millington	do	30	1.12																															4.55
Oakland	Ohio	.02	15	1.83	.05																												5.18	
Princess Anne	Atlantic	46	.66																															3.98
Public Landing	do	*	* 1.05																															4.11
Ridgely	do	*	1.40	.04																														3.72
Rock Hall	do	13	1.32	.04																														3.61
Salisbury	do	26	1.02	.02																														3.70
Solomons	do	20	.61																															2.45
State Sanatorium	do	T.	.01	1.00																														4.42
Takoma|||	do	.25	.73	.28																														3.30
Western Port	do	*	1.20		T.																													4.00
Westminster	do	T.	.05	1.03																													4.71	
Woodstock	do	T.	*	1.28																													6.10	
District of Columbia.																																		
Washington ***	Atlantic	.60	.51																															3.21
Delaware.																																		
Delaware City	Atlantic	*	.76																															2.95
Dover	do	.05	1.43																															4.07
Milford	do	.09	1.25																															3.93
Millsboro	do	.44	.83																															4.37
Seaford	do	12	1.12	T.																														3.35
Wilmington	do	*	1.41																															4.93

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 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 JANUARY.

Year.	Temperature.						Precipitation.						Year.	Temperature.						Precipitation.					
	Mean.	Departure from the normal.	Highest.	Lowest.	Average.	Departure from the normal.	Greatest local.	Least local.	Greatest in 24 hours.	Snowfall.	Number of days with 0.01 inch or more.	Mean.	Departure from the normal.	Highest.	Lowest.	Average.	Departure from the normal.	Greatest local.	Least local.	Greatest in 24 hours.	Snowfall.	Number of days with 0.01 inch or more.			
1895.....	29.4	- 3.2	66	- 17	4.34	+ 1.06	9.89	1.87	1.70	13.0	12	1910.....	32.1	- 0.5	69										

Daily Temperatures for January, 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	56	34	45	35	34	25	31	39	49	53	62	41	42	32	37	61	52	42	49	39	22	33	49	35	51	28	23	37	51	48	44	41.3	
	29	25	30	23	8	7	18	14	22	25	33	29	30	19	14	31	38	32	30	22	5	4	29	26	28	9	8	13	25	31	30	22.2	
Annapolis	59	37	49	46	35	26	39	41	46	50	59	49	42	40	39	53	55	44	47	47	40	35	52	46	56	51	30	37	47	58	49	45.3	
Baltimore (U. S. W. B.)	60	34	46	36	35	24	28	36	45	53	60	45	42	38	38	57	53	41	45	50	28	33	50	38	55	28	26	37	50	58	48	43.1	
Bell	58	35	45	43	33	22	36	45	54	59	64	46	43	40	38	54	57	43	53	53	32	35	51	50	55	53	27	40	59	59	53	46.2	
	33	20	29	19	18	7	15	10	18	23	46	31	25	23	11	29	36	24	23	34	9	26	21	30	13	6	9	26	28	29	21.7		
Boyds	56	34	43	43	33	23	37	45	52	55	61	46	45	39	38	56	54	44	51	47	33	31	51	47	51	50	28	40	53	54	50	44.8	
Cambridge	60	37	50	45	36	24	39	45	53	61	65	47	46	43	43	56	59	44	54	48	38	31	50	49	50	52	33	39	56	60	57	47.5	
	35	28	28	27	22	10	20	28	28	31	28	24	31	33	21	28	34	29	30	34	15	9	29	34	30	18	12	27	32	29	26.3		
Cecilton	56	35	46	46	34	24	34	42	52	57	64	48	39	35	40	54	62	44	53	53	37	31	48	46	50	47	24	39	53	51	47	44.9	
	23	31	24	24	8	18	18	23	26	48	34	26	28	19	28	37	29	28	37	11	6	27	25	33	15	10	12	28	32	34	25.1		
Cheltenham	54	34	47	45	32	23	40	46	57	61	65	47	45	40	42	58	59	44	55	51	35	33	52	50	57	52	29	42	64	61	55	47.8	
Chewsville	55	32	42	35	29	19	35	42	49	52	60	42	40	34	36	52	50	42	48	28	29	46	42	45	41	24	36	42	53	45	41.1		
Clear Spring (a)	42	35	43	40	34	19	33	40	45	47	55	45	43	39	35	50	49	44	45	35	29	42	41	23	33	39	51	49	39	39	34	20.3	
Coleman	55	41	46	46	35	25	35	43	51	54	63	43	40	38	40	60	52	43	50	46	33	31	29	33	10	8	26	39	53	51	48	44.5	
	40	24	31	24	8	18	21	25	31	41	39	33	30	21	30	37	31	29	33	10	8	26	31	31	13	25	34	31	32	25.4			
College Park	58	35	46	44	34	23	38	45	56	60	65	48	43	40	41	58	54	44	53	47	35	34	52	50	57	50	28	41	60	62	52	47.0	
	20	30	21	17	7	14	12	17	21	45	33	25	24	12	27	37	26	23	34	10	1	21	30	14	7	9	25	28	29	21.9			
Crisfield	59	39	52	51	38	26	40	45	55	60	59	51	48	46	44	59	58	47	54	50	42	32	52	44	52	46	31	42	58	56	51	47.8	
	30	36	27	24	13	22	22	32	36	47	34	32	22	34	32	41	41	41	41	37	19	11	29	28	36	21	12	18	29	36	31	29.0	
Cumberland §§	33	34	43	34	26	27	51	55	60	64	61	55	43	41	35	37	50	41	46	44	33	10	41	48	55	47	37	28	32	48	53	49	40.6
	25	20	24	23	22	2	4	20	21	29	26	22	13	14	21	23	26	22	21	2	2	8	22	23	7	8	9	24	34	38	34	18.4	
Darlington	58	35	42	42	32	25	32	43	48	53	62	44	43	36	33	52	58	42	48	46	26	28	47	42	53	46	24	35	52	51	46	42.7	
	31	19	28	21	18	6	12	11	19	21	43	34	24	22	13	29	31	58	22	24	9	1	26	22	30	12	6	12	24	29	21	21.3	
Easton	58	44	49	46	37	22	37	46	56	59	61	47	46	43	43	59	61	45	57	54	30	40	59	55	49	30	42	55	57	50	47.4		
	35	27	32	27	21	9	18	18	28	33	44	32	30	28	20	30	39	14	9	29	29	35	15	12	15	28	35	30	26	26	26.6		
Emmitsburg	56	31	40	38	29	19	33	40	45	49	56	41	40	36	35	54	54	39	45	46	29	25	46	42	49	44	22	34	48	53	50	40.9	
	29	21	26	21	10	4	15	21	27	31	39	33	30	21	19	29	35	31	28	29	4	2	23	25	28	8	7	15	32	36	33	23.0	
Fallston	57	32	42	39	32	23	33	41	49	53	56	42	41	36	37	55	55	42	46	47	32	28	47	40	52	44	22	35	51	54	49	42.3	
	30	29	27	22	16	5	15	16	26	30	40	33	27	18	27	35	30	28	31	6	2	25	23	29	12	5	10	26	32	34	22.6		
Ferry Landing	62	35	48	45	34	24	39	44	51	60	63	47	44	40	41	57	59	44	54	48	34	33	52	46	56	52	29	41	58	59	55	47.0	
	28	21	25	18	7	17	17	29	35	45	50	30	27	17	33	37	30	31	34	10	4	28	28	33	15	9	17	30	35	30	25.4		
Frederick	54	33	42	38	32	20	34	41	46	49	51	42	39	35	35	54	49	42	47	45	31	30	48	43	24	38	50	52	48	41.7			
	31	23	29	23	13	6	16	18	21	25	40	35	29	24	18	36	33	28	31	8	6	25	26	28	12	11	13	30	32	37	37		
Freeland	50	38	45	45	30	25	30	40	49	50	54	40	40	35	35	53	50	48	47	47	32	31	45	45	40	40	21	35	49	52	47	41.7	
	31	15	21	8	0	10	10	12	20	29	40	30	24	20	12	21	24	31	6	0	25	18	27	11	6	15	24	24	28	30	18.9		
Friendsville	62	30	55	52	46	27	41	46	55	62	61	33	40	34	43	44	46	44	46	20	31	40	37	41	33	22	45	44	46	42	40.4		
	23	19	29	18	0	9	13	18	22	32	28	20	17	14	8	32	32	26	20	1	1	25	16	27	2	4	24	28	32	34	18.2		
Frostburg	58	26	46	36	26	20	29	50	61	59	56	33	36	30	38	48	43	49	47	27	32	40	42	40	34	23	23	30	33	16.5			
	21	19	23	11	-5	-10	14	21	25	31	21	18	15	11	21	22	26	25	27	-5	-2	30	21	25	0	-2	24	24	36	33	16.5		
Grantsville	54	41	49	32	23	13	27	45	55	57	57	33	37	31	40	42	47	41	49	12	12	27	40	37	33	20	21	47	49	40	38.5		
	19	17	19	14	-6	8	17	23	24	32	33	23	15	5	24	27	33	18	12	-5	25	14	21	21	1	11	22	32	32	29	14.3		
Great Falls	58	36	43	36	22	37	45	54	58	62	45	45	35	39	57	55	43	51	48	33	50	47	54	50	48	28	45	53	53	45.3			
	21	20	22	17	7	15	14	20	25	34	32	24	24	11	28	32	26	25	33	9	0	26	21	29	14	6	10	25	28	25	21.8		
Hancock	38	33	41	42	31	27	38	47	53	52	59	45	43	36	39	45	48	45	44														