

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

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In Cooperation with Maryland State Weather Service.

## CLIMATOLOGICAL DATA.

## MARYLAND AND DELAWARE SECTION.

JAMES H. SPENCER, Meteorologist and Section Director.

VOL. XXIX. BALTIMORE, MD., DECEMBER, 1924. No. 12.

## GENERAL SUMMARY.

December had a mean temperature slightly above normal. Monthly precipitation, monthly sunshine, and monthly relative humidity were below normal. Monthly snowfall was the least of record, as in 1918. Fogs were of frequent occurrence during the mild period. No damaging winds occurred.

Mean monthly temperatures were  $1^{\circ}$  to  $2^{\circ}$  above normal in southern Maryland and over the central portion of the Eastern Shore; from this area the departures decreased to slightly below normal in the extreme western, the extreme northeastern, and the extreme southeastern portions.

The cold spell that set in on November 29 terminated on the 3d of the month. A prolonged and rather humid period from the 4th to the 19th, inclusive, was interrupted briefly by moderately cold weather on the 10-11th and 14-15th. The 7-9th, 13th, and 17-19th were markedly mild. A cold wave overspread the section on the 20th and cold weather continued to the close of the month. Periods of lowest temperatures were 21st-23d and 26-29th. In the Allegheny Mountain region temperatures of zero or slightly lower were recorded on the 3d, 23d, 26th, 27th, and 29th. Lowest temperatures of the month in the section ranged from  $4^{\circ}$  below zero at Oakland to  $15^{\circ}$  above zero at Baltimore, Crisfield, and Solomons.

Monthly precipitation for the section was about two-thirds of normal. It was deficient, except slightly above normal in the extreme southern portions of southern Maryland and the Eastern Shore. Monthly totals were between 1 and 2 inches over the western half of the section, except slightly above 2 inches in the southern Allegheny Mountain region; they were between 2 and 3.4 inches over the eastern half of the section. Precipitation was mostly in the form of rain and was light to moderate, except heavy on the 24th over the Eastern Shore.

Light snow fell in the Allegheny Mountain region on the 1st, 20th, 21st, 25th, and 28th. Snow flurries occurred on the 1st to the eastward of the Allegheny Mountains, except over the central and southern portions of the Eastern Shore. Snow flurries occurred also on the 3d in north-central Maryland; on the 14th, 22d, and 24th in the Allegheny Mountain region; on the 22d and 30th in the Blue Ridge Mountain region; and on the 28th in the District of Columbia and in southern Maryland. Snow set in over the southern portion of the section in the evening and night of the 31st.

*Crops.*—During the first and second decades winter grains were benefited by the rains and mild weather and were in good condition generally, having a good color and a good stand, and some plowing was done. During the third decade winter grains were turning brown due to the cold weather. Husking of corn was finished during the first half of the month, except during the third decade on the Eastern Shore.

Skating and ice-harvesting resulted from the cold weather of the third decade.

Ice in upper Chesapeake Bay interfered somewhat with the movement of vessels between Baltimore and Philadelphia, via the Chesapeake and Delaware Canal, during the 6-day period following Christmas Day.—*J.B., jr.*

## PRESSURE.

The monthly mean sea-level pressure at Washington was 30.21; at Baltimore, 30.19; at Aberdeen, 30.20 inches. The highest at Washington was 30.76; at Baltimore, 30.73—both on the 21st; at Aberdeen, 30.73 inches on the 26th. The lowest at Washington was 29.28; at Baltimore, 29.25; at Aberdeen, 29.29 inches—all on the 13th.

## TEMPERATURE.

The monthly mean for the section,  $35.2^{\circ}$ , is  $0.6^{\circ}$  above normal. The highest monthly mean was  $40.2^{\circ}$  at Crisfield; the lowest,  $28.7^{\circ}$ , at Grantsville. The highest temperature,  $76^{\circ}$ , occurred at Cheltenham on the 19th; the lowest,  $4^{\circ}$  below zero, at Oakland on the 29th. The greatest local monthly range was  $70^{\circ}$  at Great Falls, and the least,  $50^{\circ}$ , at Annapolis. The greatest daily range was  $50^{\circ}$  at Boyds on the 20th.

## PRECIPITATION.

The monthly average for the section, 2.36 inches, is 1.00 inch below normal. The greatest monthly amount was 3.36 inches at Milford; the least, 1.07 inches, at Cumberland. The greatest amount in 24 hours was 1.63 inches at Bridgeville on the 24th. The monthly average snowfall for the section, 0.3 inch, is 4.7 inches below normal. The greatest monthly snowfall was 5.0 inches at Friendsville. The average number of days with 0.01 inch or more, 8, is 1 below normal.

## WIND.

The prevailing direction for the section was northwest. The total movement at Washington was 5,090; at Baltimore, 4,002; at Aberdeen, 5,049 miles. The maximum velocity at Washington was 35 miles per hour from the northwest; at Baltimore, 26 miles from the west; at Aberdeen, 40 miles from the west—all on the 14th.

## SUNSHINE AND CLOUDINESS.

At Washington 40 per cent of the possible sunshine was recorded; at Baltimore, 44 per cent; at Aberdeen, 43 per cent. For the whole section the average number of clear days was 9; partly cloudy, 10; cloudy, 12.

## MISCELLANEOUS PHENOMENA (WITH DATES).

*Fogs, light (periods of).*—4-8; 17-19; 23-24; 30-31.

*Fogs, dense.*—Entire section, 19; also Aberdeen, 5, 6; Annapolis and Baltimore, 8; Frederick, 4, 8; Milford, 17; Washington, D. C., 6, 8.

*Sleet, light.*—Northern portion of section, 3, 24, 25, 30; southern portion of section, 31.

*Winds, high.*—Westerly, 1, 13-14, 19-20, 25.

## SUGGESTION TO OBSERVERS.

We suggest that maximum thermometers be clamped at about  $100^{\circ}$  or  $110^{\circ}$ , since the higher up you clamp the instrument the easier it will "set" and the less rapidly you will have to whirl it. Tighten the screw *gently* with a pair of pincers. It is easy, of course, to twist off the screw, but, on the other hand, it is almost impossible to tighten it sufficiently with the fingers.

## Climatological Data for December, 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	33.9		66	8	11	26	26	1.68	-1.18	0.60	T.	6	4	8	19	w.
Annapolis.....	Anne Arundel.....	45	56	37.1	+0.1	61	8	11	26	32	2.48	-1.18	0.85	T.	10	12	10	9	nw.
Baltimore*.....	.....	115	54	36.8	-0.4	66	19	15	26	29	2.30	-0.78	0.76	T.	9	6	9	16	sw.
Bell†.....	Prince Georges.....	151	4	34.8		73	19	5	26	44	2.13		0.79	T.	10	7	13	11	nw.
Boys.....	Montgomery.....	424	5	34.5		71	19	7	23†	50	1.89		0.66	T.	7	6	14	11	w.
Cambridge.....	Dorchester.....	25	27	37.8	+0.3	72	19	13	29	39	2.93	-0.50	1.29	0.0	9	16	10	5	nw.
Cecilton.....	Cecil.....	83	6	35.6		68	8	12	26†	28	2.62		1.06	T.	10	6	7	18	nw.
Cheltenham.....	Prince Georges.....	230	24	37.1	+2.2	76	19	8	26	45	2.41	-1.28	0.86	T.	9	9	4	18	nw.
Chesapeake City.....	Cecil.....	17	15	35.4	+1.7	72	19	7	26	41	2.76	-0.37	0.94	T.	7	7	10	14	nw.
Chewstowe.....	Washington.....	530	27	32.3	+0.2	65	17	4	26	35	1.77	-1.07	0.77	T.	6	11	9	11	nw.
Clear Springs (a).....	do.....	500	22	33.0	+1.9	67	17	8	26†	41	1.78	-1.60	0.97	T.	6	9	9	13	w.
Clear Springs (b).....	do.....	500	26								1.65	-1.73	0.92	T.	7	10	9	12	.....
Coleman†.....	Kent.....	80	25	35.4	-0.1	67	8	11	23	29	2.47	-1.58	0.95	T.	7	8	13	10	nw.
College Park.....	Prince Georges.....	87	33	35.4	+1.7	72	19	7	26	41	2.76	-0.37	0.94	T.	8	14	7	10	nw.
Crisfield.....	Somerset.....	5	6	40.2		69	8†	15	22†	30	3.08			T.	9	6	12	13	nw.
Cumberland.....	Allegany.....	623	51	32.6	-1.1	72	18	5	29	39	1.07	-1.46	0.49	1.0	9	11	6	14	nw.
Darlington.....	Harford.....	300	34	34.0	+0.6	62	8†	6	29	35	3.05	-0.79	1.25	T.	8	11	8	12	nw.
Easton.....	Talbot.....	35	34	38.2	+1.6	72	19	13	29	38	2.74	-0.83	0.98	0.0	10	11	11	9	n.
Emmitsburg.....	Frederick.....	720	56	33.2	+0.2	68	19	6	26	44	1.85	-1.38	1.02	T.	8	9	10	12	w.
Fallston†.....	Harford.....	450	55	33.6	-0.1	60	8	8	26	38	2.58	-1.13	0.88	T.	10	6	13	12	nw.
Ferry Landing †.....	Calvert.....	45	8	37.6		74	19	11	22†	45	2.09		0.78	T.	8	4	19	8	nw.
Frederick.....	Frederick.....	275	50	34.6	+0.1	63	19	11	26	40	1.95	-1.20	0.64	T.	8	16	3	12	nw.
Freeland.....	Baltimore.....	681	5	32.6		65	19	3	26	38	2.80		0.90	T.	8	11	8	12	w.
Friendsville.....	Garrett.....	1,501	6	31.5		65	18	0	28	40			5.0	T.	5	8	18	w.	
Frostburg.....	Allegany.....	1,929	23	30.8	-0.3	67	18	2	26	41	1.48	-1.55	0.50	T.	7	11	9	11	J. D. Snyder.
Grantsville.....	Garrett.....	2,351	31	28.7	-0.2	65	18	-3	29	41			3.0	T.	9	1	12	18	w.
Great Falls †.....	Montgomery.....	200	35	35.0	+1.6	75	19	5	26	46	2.08	-1.18	0.72	T.	7	10	8	13	nw.
Hancock.....	Washington.....	455	14	32.4	-0.8	69	17†	1	29	40	1.52	-1.23	0.74	T.	8	7	10	14	.....
Hanover.....	Howard.....	260	1	36.1		65	18†	11	26	42	2.35		0.96	T.	9	9	11	11	Richard C. Norris.
Keedysville.....	Washington.....	400	21	33.7	+0.7	61	8†	5	26	33	1.54	-1.53	0.62	T.	8	11	9	11	J. A. Miller.
La Plata.....	Charles.....	190	8	37.6		74	19	10	26	46	1.83		0.54	T.	9	11	11	9	nw.
Laurel.....	Prince Georges.....	320	25	34.9	+0.8	70	19	6	26	42	2.43	-1.31	0.97	0.1	10	17	4	10	nw.
Millington.....	Kent.....	27	27	36.2	+0.8	69	8	9	29	32	3.24	-0.75	0.97	T.	11	13	8	10	w.
Oakland.....	Garrett.....	2,461	25	29.4	+0.6	65	18	-4	29	43	2.49	-1.18	0.58	4.8	18	4	14	13	w.
Princess Anne.....	Somerset.....	17	49	33.2	-0.6	73	19	9	22	41	3.35	+0.20	1.45	0.0	7	11	9	11	nw.
Public Landing †.....	Worcester.....	10	9	39.2		73	19	11	22	36	2.37		0.0	T.	7	12	12	7	w.
Ridgely.....	Caroline.....	57	37	34.7	+1.7	70	8	11	29	31	2.87	-0.33	1.10	0.0	10	9	13	9	nw.
Rock Hall.....	Kent.....	25	9	36.2		68	8	10	29	35	2.82		1.00	T.	9	13	10	8	nw.
Salisbury.....	Wicomico.....	23	19			75	19	9	22	33			0.0	T.					Homestead Dairy Farms.
Solomons.....	Calvert.....	20	33	39.7	+1.4	71	19	15	22†	36	2.77	+0.04	1.15	T.	9	7	5	19	nw.
State Sanatorium.....	Frederick.....	1,460	16	31.4	+0.7	68	19	5	26	44	1.86	-1.44	0.92	T.	6	16	3	12	nw.
Takoma.....	Montgomery.....	320	26	34.4	+0.6	72	19	11	26	30	2.29	-1.57	0.90	T.	7	6	8	17	.....
Towson.....	Baltimore.....	465	12								2.53	-0.93	0.83	T.	9	9	9	13	.....
Western Port.....	Allegany.....	1,000	31	34.6	+2.1	74	18	5	29	38	1.10	-1.12	0.52	0.5	6	10	9	12	.....
Westminster.....	Carroll.....	770	15	34.0	+1.0	65	19	8	26	37	2.38		0.94	T.	8	9	9	13	Prof. S. P. Caltrider.
Woodstock.....	Baltimore.....	415	64	34.6	+0.5	69	19	8	26†	42	2.47	-0.74	0.85	T.	8	9	9	13	Rev. J. B. Mahoney, S. J.
<i>Dist. of Columbia.</i>																			
Washington **.....	.....	112	54	36.4	-0.2	74	19	14	26	31	2.98	-0.18	0.82	0.5	8	6	8	17	nw.
<i>Delaware:</i>																			
Bridgeville.....	Sussex.....	45	1	37.8	+0.9	72	8†	10	22†	39	3.13	-0.16	1.63	0.0	9	15	10	6	nw.
Delaware City.....	Newcastle.....	10	38	35.2	-0.6	68	8	11	26	25	2.48	-1.34	0.95	T.	8	6	13	12	George Ray.
Dover.....	Kent.....	34	35	36.6	+0.2	71	8	11	29	34	2.79	-0.70	0.70	T.	8	13	11	7	H. C. Price.
Milford.....	do.....	20	42	38.2	+0.4	71	8†	12	29	36	3.36	-0.45	1.50	0.0	9	15	10	6	Arthur G. Livingston.
Millsboro.....	Sussex.....	20	32	39.2	+2.1	75	19	8	22	42	2.35	-1.55	1.54	0.0	9	3	17	11	Chas. J. Holzmueller.
Wilmington.....	Newcastle.....	86	31	34.4	-0.4	65	8	10	26	35	2.91	-0.93	1.10	0.5	10	17	5	9	G. L. Ellis.
For Maryland and District of Columbia.....	.....			35.0	+0.8	76	19	-4	29	50	2.30	-0.99	1.45	0.3	8	9	9	13	Street and Water Depts.
For Delaware.....	.....			36.9	+0.5	75	19	8	22	42	2.84	-0.85	1.63	0.1	9	12	11	8	s.
For entire section.....	.....			35.2	+0.6	76	19	-4	29	50	2.36	-1.00	1.63	0.3	8	9	10	17	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. 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, Glenndale; of Coleman, Worton; of Fallston, Bagley; of Ferry Landing, Owings; of Great Falls, Bethesda; of Ilchester, Elkridge; of Public Landing, Snow Hill. <sup>c</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.

Daily Precipitation for December, 1924.

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.

**\*\* Precipitation is for 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 .01 inch. Data in *italics* determined from surrounding stations.

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

**COMPARATIVE DATA FOR MARYLAND AND DELAWARE FOR DECEMBER.**

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.	Greatest local.	Least local.	Greatest in 24 hours.	Snowfall.	Number of days with 0.01 inch or more.		
1895.....	37.6	+3.0	70	-7	2.49	-0.87	3.75	1.50	1.65	2.4	8	1910.....	28.5	+6.1	65	-15	2.42	-0.94	4.13	0.90	1.90	11.5	7
1896.....	34.0	-0.6	70	-4	2.24	-2.52	2.71	0.11	1.39	4.3	4	1911.....	40.0	+6.4	76	-10	3.66	+0.30	6.12	1.70	1.70	1.0	10
1897.....	36.9	+2.3	74	-4	3.57	+0.21	6.38	1.96	1.82	2.5	10	1912.....	38.5	+3.9	75	-10	3.94	+0.58	5.25	1.81	2.25	7.2	9
1898.....	34.2	-0.4	70	-20	3.60	+0.24	6.26	1.85	4.01	4.5	8	1913.....	39.0	+4.4	72	-1	2.43	-0.93	3.36	1.43	1.75	0.9	6
1899.....	35.4	+0.8	69	-6	1.86	-1.50	4.63	0.86	1.60	2.1	7	1914.....	31.9	-2.7	68	-21	4.63	+1.27	8.16	1.82	2.20	5.1	14
1900.....	34.4	-0.2	68	-2	2.43	-0.93	4.10	1.51	2.57	2.2	5	1915.....	33.1	-1.5	73	-6	3.16	-0.20	4.86	1.70	1.71	5.0	7
1901.....	32.7	-1.9	74	-15	6.74	+3.38	11.18	4.15	3.56	1.4	10	1916.....	33.5	-1.1	76	-3	3.74	+0.38	5.51	0.85	1.55	9.6	11
1902.....	33.3	-1.3	70	-4	6.00	+2.64	8.63	3.07	2.10	6.8	12	1917.....	26.7	-1.7	59	-32	1.69	-1.67	3.32	0.57	1.30	8.9	8
1903.....	30.2	-4.4	60	-9	2.46	-0.90	4.52	0.82	1.90	5.1	7	1918.....	40.4	+5.8	71	-4	4.23	+0.87	4.53	2.51	2.15	0.3	8
1904.....	29.6	-5.0	66	-11	3.50	+0.14	1.19	1.63	1.46	15.6	9	1919.....	30.6	-4.0	70	-17	2.96	-0.40	4.34	1.47	1.61	6.0	11
1905.....	36.6	+2.0	64	2	4.36	+1.00	6.21	2.41	2.93	4.0	8	1920.....	37.5	+2.9	71	-5	3.43	+0.07	4.62	1.95	2.08	1.5	8
1906.....	35.7	+1.1	72	0	4.11	+0.75	7.16	1.84	1.84	1.1	10	1921.....	36.2	+1.6	70	0	2.51	-0.85	5.30	1.65	1.72	8.3	10
1907.....	37.4	+2.8	76	-7	4.19	+0.83	5.86	2.04	2.18	4.4	9	1922.....	36.3	+1.7	71	-23	3.84	+0.48	7.72	2.32	2.87	2.9	10
1908.....	36.1	+1.5	71	1	3.82	-0.04	5.49	1.25	2.09	7.8	9	1923.....	43.7	+9.1	72	3	3.55	+0.19	6.17	1.47	1.56	1.8	11
1909.....	30.7	-3.9	69	-5	3.64	+0.28	5.63	1.72	3.16	10.9	7	1924.....	35.2	+0.6	76	-4	2.36	-1.00	3.36	1.07	1.63	0.3	8

## Daily Temperatures for December, 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	29	39	38	47	51	51	52	66	56	37	38	46	58	38	35	43	56	52	59	45	25	23	33	36	35	28	28	32	36	38	41.5		
	Minimum	23	20	23	35	33	36	39	47	33	26	25	30	38	26	21	29	40	15	15	15	33	16	11	16	15	15	25	33	26	33	26.3	
Annapolis	36	41	46	48	44	52	56	61	60	49	40	50	60	55	41	47	58	59	57	58	28	25	33	40	38	39	44	39	34	37	45.5		
	Maximum	27	21	24	39	41	41	45	49	31	23	27	42	31	20	30	33	41	40	26	15	15	32	24	11	22	18	15	24	33	28.7		
Baltimore (U.S.W.B.)	31	39	46	47	48	52	55	63	60	38	38	47	62	39	37	45	65	59	66	47	18	17	20	36	39	37	31	29	35	39	40.9		
	Minimum	27	26	28	38	34	40	44	50	38	31	29	32	39	28	24	31	41	44	42	18	17	20	32	31	21	29	29	32	32	29.7		
Bell	34	37	42	45	39	50	52	67	58	47	37	50	61	55	37	47	61	60	73	69	25	22	45	35	34	29	38	34	34	37	44.9		
	Minimum	23	15	18	33	32	37	37	47	47	30	14	21	40	28	14	22	31	41	37	13	7	31	21	5	12	18	8	20	32	24.7		
Boyd's	31	36	49	45	44	50	59	68	54	46	39	51	62	51	37	43	61	71	71	24	22	32	33	29	39	36	35	37	36	44.1			
Cambridge	36	40	45	46	51	58	63	70	64	54	47	51	61	57	40	50	66	72	67	30	26	35	37	38	31	33	32	37	40	36	42.9		
	Minimum	21	21	23	37	32	39	41	47	48	32	24	24	38	33	25	29	39	28	17	15	15	25	18	17	13	19	31	19	31	28.3		
Cecilton	34	38	38	45	47	52	57	68	63	48	38	47	57	53	36	48	57	57	55	27	25	32	35	35	34	34	37	37	37	48.7			
	Minimum	25	22	24	34	31	36	42	48	31	23	28	30	22	26	33	20	27	16	14	15	31	24	12	17	15	12	22	22	27.5			
Cheltenham	34	37	47	43	42	50	63	73	61	49	39	48	65	57	38	50	67	66	76	70	26	23	35	36	36	31	39	36	36	38	46.7		
	Minimum	25	18	22	37	36	40	49	46	31	19	24	39	21	20	27	35	44	43	25	14	9	10	12	24	8	11	11	11	24	33		
Chewsville	29	36	43	42	41	47	52	62	56	35	36	48	55	45	34	39	65	59	61	50	22	25	31	33	32	27	36	30	40	35	41.1		
	Minimum	21	22	18	34	34	37	44	44	38	42	56	55	42	35	46	57	47	40	24	20	23	31	32	33	34	37	36	36	38	41.8		
Clear Spring (a)	33	34	44	44	38	48	52	65	56	42	35	46	57	47	37	40	67	66	64	66	20	23	32	33	34	37	36	33	38	36	42.4		
Coleman	35	39	39	45	45	53	67	60	48	37	45	58	50	37	47	55	54	50	54	27	25	35	33	34	33	34	38	36	38	43.8			
	Minimum	26	23	25	35	34	38	40	48	47	36	24	27	33	28	22	25	35	40	37	25	16	15	31	20	12	18	15	12	24	31	27.6	
College Park	36	37	42	45	45	53	69	63	57	48	37	49	59	57	47	58	53	69	72	65	28	24	34	36	36	29	38	35	36	38	45.2		
	Minimum	23	15	16	33	33	38	36	48	48	29	17	21	41	30	18	23	31	39	38	24	14	11	8	32	23	7	10	19	9	22	33	25.5
Crisfield	40	40	49	47	52	57	66	64	54	43	51	61	55	42	54	56	63	69	62	34	30	40	40	43	33	36	34	43	40	40	48.6		
	Minimum	26	27	31	38	35	44	45	44	42	35	26	29	39	37	28	31	44	42	38	16	18	33	20	21	39	39	33	31	39	31.9		
Cumberland	28	41	43	43	49	53	53	62	48	35	40	52	53	30	37	40	70	72	70	23	20	32	40	21	33	39	33	39	39	41.7			
	Minimum	20	18	18	37	36	43	39	43	42	29	25	25	23	23	25	31	38	39	32	12	10	12	7	9	11	5	7	20	23.4			
Darlington	33	39	47	46	49	50	55	62	60	49	48	46	47	55	34	43	62	61	59	26	25	29	34	35	29	33	30	37	37	43.6			
	Minimum	22	20	17	34	22	37	38	39	48	30	26	25	23	25	27	16	22	32	43	37	24	14	13	9	28	20	9	11	10	8	24.5	
Easton	36	40	45	46	51	57	61	60	53	40	31	41	51	61	52	41	50	60	62	59	28	26	34	37	35	35	38	40	38	40	46.8		
	Minimum	27	24	30	35	33	43	44	51	38	22	26	40	30	22	30	39	44	43	26	17	15	22	16	20	18	31	24	22	30	33	39.4	
Emmitsburg	31	36	44	43	39	47	59	67	55	35	47	41	29	18	16	30	27	19	41	45	22	11	11	28	10	6	22	13	10	24	30.2		
	Minimum	21	22	21	35	32	35	40	45	37	28	22	26	36	34	21	29	32	42	40	17	13	21	24	13	8	10	12	10	21	21	24.4	
Fallston	32	37	46	45	42	48	51	60	57	43	37	45	51	54	52	48	58	57	56	59	25	22	28	33	32	33	31	31	37	35	41.9		
	Minimum	22	17	20	33	31	38	40	46	43	30	23	25	35	24	17	26	35	43	38	21	12	11	27	18	8	16	13	10	21	31	26.4	
Ferry Landing	36	39	48	45	44	53	65	72	61	48	41	50	64	56	40	50	66	65	74	70	26	25	35	38	38	32	38	37	38	37	47.3		
	Minimum	25	20	25	37	36	42	44	45	47	30	21	25	39	29	22	28	36	44	42	15	11	12	31	23	11	18	18	12	25	25.2		
Frederick	31	36	43	46	41	50	49	59	57	42	37	45	60	47	37	39	53	60	63	61	25	24	32	34	34	32	38	36	38	36	42.4		
	Minimum	24	25	22	37	33	36	37	45	42	31	22	26	38	22	26	33	40	43	21	14	13	31	20	15	15	17	20	23	26.8			
Freeland	31	36	45	43	39	47	52	61	58	46	44	44	54	52	46	40	60	65	60	58	30	28	33	31	30	33	36	36	38	36	43.1		
	Minimum	21	18	13	33	25	35	35	47	41	29	18	20	32	27	10	19	28	41	45	22	11	7	18	3	8	12	4	16	31	21	22.1	
Friendsville	31	35	36	37	35	45	60	63	57	43	39	45	58	53	30	35	43	53	65	62	50	50	35	27	21	31	25	40	40	40	40	44.4	
	Minimum	12	13	30	32	35	42	57	61	51	35	31	40	51	46	24	27	36	42	45	10	5	6	29	21	0	3	28	22	26	22.6		
Frostburg	38	39	48	47	58	68	65	55	53	45	38	27	16	31	23	28	32	37	58	63	66	25	22	28	36	30	31	38	39	38	45.8		
	Minimum	26	21	22	38	29	46	40	49	32	24	23	38	29	32	26	49	46	44	45	30	15	11	27	18	14	19	20	28	29	26	22.1	
La Plata	32	38	46	44	46	51	62	71	60	53	42	51	65	52	41	50	66	71	71	27	25	35	36	37	33	35	37	38	37	47.5			
	Minimum	23	20	23	38</																												