

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

CHARLES F. MARVIN, Chief

In Cooperation with Maryland State Weather Service

## CLIMATOLOGICAL DATA

## MARYLAND AND DELAWARE SECTION

ROSCOE NUNN, Meteorologist and Section Director

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VOL. XXXIV BALTIMORE, Md., MARCH, 1929 No. 3

## GENERAL SUMMARY

This was the second warmest March of record, with a mean temperature  $6.4^{\circ}$  higher than in March, 1928, but  $5.5^{\circ}$  lower than in March, 1921, the warmest March of record. It was the fifth consecutive March with precipitation below normal. Monthly snowfall was very light and was confined to the northern-border counties. Monthly sunshine was above normal, while the relative humidity averaged slightly below. The wet periods were marked by fog. Strong winds were rather frequent, and a westerly gale of damaging character prevailed on the 7th.

Temperatures were mild for the season, except seasonable on the 2d and the 29th to 31st; cold from the 8th to the 10th and on the 17th; and very warm from the 11th to 16th and the 19th to 25th, with average temperatures for the periods  $15^{\circ}$  and  $17^{\circ}$ , respectively, above normal. The highest temperatures of the month occurred on the 24th and the lowest on the 10th.

Monthly precipitation averaged one-half inch below normal. Monthly amounts were between 2 and 3 inches generally in western and north-central Maryland, between 2 and 4 inches over the northern Eastern Shore, between 3 and 4 inches over southern Maryland, and between 4 and 5.4 inches over the central and southern portions of the Eastern Shore. Most of the precipitation occurred early in the month, that of the 2d and 4-6th being of the northeast type and heavy in character.

Monthly snowfall averaged about one-fourth of normal and was 5 inches less than in March, 1928. In the northern-border counties of Maryland the totals were close to 2 inches, except 2 to 11.5 inches in the Allegheny Mountain region, while only traces occurred in southern Maryland and on the Eastern Shore.

The westerly gale of the 7th was featured by occasional gusts of hurricane force. There was no general heavy property damage. In nearly every community, however, some damage resulted to roofs, chimneys, and fences; some window glass was shattered, some shutters were blown off, some communication wires broken, and some trees uprooted. Loss over the section is estimated between \$500,000 and \$1,000,000.

Wheat, rye, and grasses greened nicely under the influence of the mild temperatures and abundant moisture and made rapid growth. They were in excellent condition and far advanced for the season. Farm work was ahead of normal. During the second half of the month early potatoes, peas, and truck crops were being planted and oats and clover seed were being sown over the southern Eastern Shore. Fruit buds swelled far in advance of normal. During the closing week peach, pear, plum, and cherry trees were in bloom, except in western Maryland, and apple trees were ready to bloom over the southern Eastern Shore.—*J. B., jr.*

## PRESSURE

The monthly mean sea-level pressure at Washington, Baltimore, and Aberdeen was 29.98 inches. The highest at Washington and Baltimore was 30.59; at Aberdeen, 30.55 inches—all on the 10th. The lowest at Washington was 28.96; at Baltimore, 28.95; at Aberdeen, 28.99 inches—all on the 5th.

## TEMPERATURE

The monthly mean for the section,  $48.2^{\circ}$ , is  $5.6^{\circ}$  above normal. The highest monthly mean was  $52.8^{\circ}$  at Public Landing; the lowest,  $41.7^{\circ}$ , at Sines. The highest temperature,  $86^{\circ}$ , occurred at Western Port on the 24th; the lowest,  $4^{\circ}$ , at Friendsville on the 10th. The greatest local monthly range was  $78^{\circ}$  at Friendsville and Oakland; the least,  $61^{\circ}$ , at Public Landing. The greatest daily range was  $52^{\circ}$  at Western Port on the 11th.

## PRECIPITATION

The monthly average for the section, 3.17 inches, is 0.49 inch below normal. The greatest monthly amount was 5.40 inches at Public Landing; the least, 1.90 inches, at Frostburg. The greatest 24-hour amount was 2.10 inches at Public Landing on the 4-5th. The monthly average snowfall for the section, 1.2 inches, is 3.3 inches below normal. The greatest monthly snowfall was 11.5 inches at Sines; the least, a trace, over southern Maryland and on the Eastern Shore. The number of days with 0.01 inch or more of precipitation, 10, is normal.

## RELATIVE HUMIDITY

The average percentages were: Washington, D. C., 8 a. m., 67; 12 noon, 52; 8 p. m., 54. Baltimore, Md., 8 a. m., 67; 12 noon, 50; 8 p. m., 60. Aberdeen, Md., 8 a. m., 81; 4 p. m., 63. Philadelphia, Pa., 8 a. m., 77; 12 noon, 62; 8 p. m., 68.

## WIND

(By 3-cup anemometer, except 4-cup at Aberdeen, Md.)

The prevailing wind direction for the section was southwest. The total movement at Washington was 5,422; at Baltimore, 7,908; at Aberdeen, 6,866 miles. The maximum velocity at Washington was 40 miles from the northwest; at Baltimore, 54 miles from the southwest; at Aberdeen, 60 miles from the northwest—all on the 7th.

## SUNSHINE AND CLOUDINESS

At Washington 58 per cent of the possible sunshine was recorded; at Baltimore, 60 per cent; at Aberdeen, 56 per cent. For the whole section the average number of clear days was 14; partly cloudy, 6; cloudy, 11.

## MISCELLANEOUS PHENOMENA (WITH DATES)

*Aurora.*—Night of 11-12.*Fogs, dense.*—Eastern portion of section, 4, 5, 15, 16, 31; extreme upper Chesapeake Bay, 19; southern Maryland, Chesapeake Bay, and Eastern Shore, 23; Frederick, 26.*Frost, killing, last general of month.*—Night of 17-18.*Gale, westerly.*—7.*Hail, light.*—Dover, 16.*Sleet, light.*—Western and north-central Maryland, 2; Garrett County, 5; entire section, 30.*Thunderstorms.*—North-central and southern Maryland, 2; Garrett County and extreme northeast portion of section, 16; southern half of section, 23.*Winds, high.*—Northwest, 2, night 5-6, 8, 9, 17, 26, 28; westerly, 7 (gale), 16, 20; southerly, 30.

## SIGNS OF SPRING

*College Park.*—Frogs croaking, 13.*Fallston.*—Geese flying north, 2; first robin, 3.*Ferry Landing.*—Peach and plum trees in full bloom at end of month.*Frederick.*—First blackbird, 3; first robin, 12.*Millington.*—First frogs heard, 12.*Millsboro.*—First piping of frogs, 11.*Newburg.*—First fishhawk, 18; first whippoorwill, 22; first phoebe, 30.*Princess Anne.*—First robin, 13; plum trees in bloom, 18.*Solomons.*—Peach trees in bloom, 24.

## Climatological Data for March, 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 (unmelted)	With precip. 0.01 inch or more	Clear	Partly cloudy	Cloudy		
<i>Maryland</i>																				
Aberdeen.....	Harford	80	11	46.4	+3.4	80	24	14	10	36	2.73	-0.02	0.96	0.1	12	11	7	13	s.	U. S. Army.
Annapolis.....	Anne Arundel	45	64	48.2	+4.8	80	24	15	10	30	3.36	-0.61	1.09	T.	12	14	5	12	sw.	Louis E. Foster.
Baltimore*.....		115	69	50.2	+7.9	83	24	16	10	34	3.16	-0.55	1.11	T.	11	14	6	11	sw.	U. S. Weather Bureau.
Bellifit.....	Prince Georges	151	9	47.7		82	24	11	10	50	2.62		0.82	T.	11	14	5	12	sw.	Bureau Plant Industry.
Boys.....	Montgomery	424	10	47.6	+3.2	82	24	13	10	50	2.91	-0.00	0.83	T.	10	14	6	11	sw.	Thomas B. Daymude.
Cambridge(near).....	Dorchester	25	36	51.1	+6.0	83	24	18	10	35	4.43	+0.32		T.	11	14	5	12	sw.	Matt Harding.
Cecilton.....	Cecil	85	11	49.6	+4.6	80	24	14	10	35	2.72	-0.47	0.95	T.	12	14	5	12	sw.	Wm. F. Coale.
Cheltenham.....	Prince Georges	230	29	50.6	+5.5	84	24	14	10	40	3.60	-0.30	0.98	T.	11	14	5	12	sw.	Geo. Hartnell.
Chewsville.....	Washington	530	32	45.6	+4.2	79	24	7	10	42	2.67	-0.31	0.80	3.0	9	13	8	10	sw.	D. Paul Oswald.
Clear Spring.....		600	32	46.8	+6.7	79	24	9	10	42	3.06	-0.58	1.01	3.0	13	13	8	10	w.	Mrs. Leo A. Cohl.
Coleman††.....	Kent	80	82	49.0	+5.1	77	†22	15	10	36	2.99	-0.65	1.09	T.	11	14	5	12	sw.	Walter B. Harris.
College Park.....	Prince Georges	87	48	49.8	+5.6	83	24	13	10	51	2.96	-0.67	0.86	T.	10	14	5	12	sw.	Prof. Thos. H. White.
Crisfield.....	Somerset	5	10																	A. B. Cochrane.
Cumberland.....	Allegany	628	57	46.8	+6.8	83	24	13	10	46	2.28	-0.78	1.03	2.0	10	13	7	11		Harvey H. Weiss.
Darlington.....	Harford	300	39	46.2	+4.8	78	†22	12	10	46	2.72	-0.71	0.90	1.0	10	14	6	11	sw.	Fred. C. Jones.
Easton.....	Talbot	35	39	48.4	+4.1	81	24	16	10	36	4.13	+0.47	1.33	T.	12	14	5	12	sw.	Clement E. Bray.
Elkton.....	Cecil	28	3	47.8		81	24	12	10	43	2.47		0.73	0.5	10	14	6	11	sw.	H. W. Bouchelle.
Emmitsburg.....	Frederick	720	61	47.3	+6.9	78	24	8	10	32	3.17	-0.99	0.87	3.5	10	14	6	11	w.	Mt. St. Mary's College.
Fallston††.....	Harford	450	60	47.0	+7.1	80	24	10	10	37	2.69	-1.32	0.81	1.0	11	14	6	11	sw.	Miss Dora Curtiss.
Ferry Landing††.....	Calvert	110	13	49.8	+3.4	83	24	12	10	38	3.43	-0.17	1.22	T.	11	13	4	12	sw.	Thos. J. Bourne.
Frederick.....	Frederick	275	58	48.8	+6.5	83	24	13	10	38	3.18	-0.14	0.97	2.0	11	14	6	11	sw.	Chas. S. Birely.
Friendsville.....	Garrett	1,501	11	43.6	+3.9	82	25	4	10	38	2.94	-0.77		6.0	11	12	4	15		Joab J. Friend.
Frostburg.....	Allegany	1,929	28	44.9	+5.6	80	25	5	10	39	1.90	-1.89	0.57	2.0	11	13	6	12	w.	T. F. Lewis.
Grantsville.....	Garrett	2,351	86																	
Great Falls††.....	Montgomery	200	40	48.6	+5.0	84	24	14	10	48	2.40	-0.91	0.74	T.	11	15	4	12	sw.	Chas. E. Sullivan.
Hancock (Tonawaway).....	Washington	455	19	46.2	+3.9	80	24	9	10	49	2.09	-1.18	0.82	2.0	9	14	7	10		American Fruit Growers.
Keedysville.....	do	400	25	47.2	+4.0	83	24	11	10	48	3.03	+0.09	0.92	2.0	10	13	8	10	s.	J. A. Miller.
Laurel.....	Prince Georges	320	35	48.4	+5.3	83	24	12	10	42	2.84	-0.91	0.70	T.	11	14	5	12		Evan G. Chaney.
Lutherville.....	Baltimore	340	3	46.9		78	†22	12	10	47	3.26		0.98	2.0	11	15	5	11	sw.	August W. Clark, P. M.
Maryland Line.....	do	840	5	46.0		77	24	10	10	35	3.30		0.90	2.5	10	14	4	12	sw.	Chester L. Fulton.
Mechanicsville.....	St. Marys	165	3																	Zach. S. Graves.
Millington.....	Kent	27	32	49.4	+5.4	81	24	15	10	39	3.19	-0.85	1.07	T.	12	14	5	12	sw.	Henry L. Higman.
Newburg.....	Charles	110	4	51.2		85	24	14	10	37	3.08		0.97	T.	10	14	5	12	sw.	John P. Burdette.
Oakland.....	Garrett	2,461	30	42.3	+5.4	83	25	5	10	48	2.90	-0.91	0.73	8.0	14	12	4	15	w.	R. E. Weber.
Picardy.....	Allegany	900	8	46.8		80	24	8	10	39	2.02		0.74	2.0	9	14	7	10	w.	D. E. Catlett.
Pleasant Hill††.....	Baltimore	660	5																	J. E. Henry.
Pocomoke City.....	Worcester	37	24																	Wm. H. Dryden.
Princess Anne.....	Somerset	17	54	50.7	+5.0	82	24	16	10	37	4.75	+0.85	1.70	T.	8	10	12	9	sw.	James R. Stewart.
Public Landing††.....	Worcester	10	14	52.8	+7.8	81	24	20	10	35	5.40	+1.45	2.10	T.	9	12	7	12	sw.	Louis C. de Gilbert.
Ridgely.....	Caroline	57	8	49.4	+5.5	79	24	15	10	34	4.36	+0.78	1.50	T.	12	14	5	12	sw.	Albert White.
Rock Hall.....	Kent	25	15	48.8	+3.8	82	24	15	10	37	3.26	-0.28	0.96	T.	11	15	4	12	s.	Charles Judefind.
Salisbury.....	Wicomico	23	24	51.2	+5.6	83	24	16	10	37	3.91	-0.21	1.60	T.	11	13	9	9	s.	Homestead Dairy Farms.
Sines (Deep Creek).....	Garrett	2,040	21	47.1		80	25	6	10	35	3.04		0.90	11.5	16	12	4	15		C. E. Mac Murray.
Solomons.....	Calvert	20	38	49.8	+5.2	85	24	16	10	33	3.70	+0.40	1.41	T.	11	13	6	12	sw.	Dr. W. H. Marsh.
State Sanatorium.....	Frederick	1,460	21	46.3	+5.6	76	24	7	10	31	2.98	-0.35	0.88	8.7	12	12	7	12	sw.	Dr. V. F. Cullen.
Stevensville.....	Queen Annes	12	3	49.0		83	24	17	10	35	4.33			T.	11	14	5	12	sw.	T. R. Price.
Takoma.....	Montgomery	320	31	49.5	+6.4	83	24	10	10	45	2.52	-1.20	0.72	T.	11	12	5	12		L. M. Mooers.
Towson.....	Baltimore	465	17																	Metropolitan District.
Western Port.....	Allegany	1,000	36	47.5	+5.6	86	24	10	10	52	2.28	-0.64	0.65	2.0	10	11	6	11		Norris Bruce.
Westminster.....	Carroll	770	20	47.6	+5.8	81	24	10	10	34	2.71	-1.02	0.76	2.5	10	14	6	11	sw.	Prof. S. P. Caltrider.
Woodstock.....	Baltimore	415	59	47.8	+6.4	81	24	12	10	44	2.99	-0.72	0.75	1.0	10	14	6	11	sw.	Woodstock College.
<i>Delaware</i>																				
Bridgeville.....	Sussex	45	6	50.9	+6.7	80	24	14	10	36	4.30	+0.50	1.47	T.	12	13	8	10	sw.	George Ray.
Delaware City.....	New Castle	12	43	48.6	+7.3	80	24	14	10	34	2.48	-0.78	0.84	T.	10	14	6	10	sw.	James E. Maden.
Dover.....	Kent	34	40	49.7	+6.9	79	†24	15	10	35	3.55	-0.64	1.25	T.	13	15	5	11	sw.	Arthur G. Livingston.
Milford.....	Sussex	20	47	49.8	+4.7	78	24	14	10	37	4.38	+0.23	1.62	T.	13	12	7	12	sw.	Chas. J. Holzmueller.
Millsboro.....	do	20	37	51.3	+7.1	81	24	14	10	36	3.33	-0.67	1.42	T.	9	11	7	13	sw.	Rev. M. P. S. Huntingdon.
Wilmington.....	New Castle	86	36	48.0	+5.4	79	24	11	10	33	2.30	-1.24	0.80	T.	10	15	6	10	sw.	Street and Water Depts.
Means and extremes:																				
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.

## Daily Precipitation for March, 1929

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	.63	.50	.88	.03	T.	T.		.20	.03	.10	.02																				.05	2.73			
Annapolis.	do	.76	.18	1.09	.27				.03	.09	.12	.04																				.36	3.36			
Baltimore***	do	.77	.48	1.11	.01				.29	.04	.04	.01																				.11	3.16			
Bell.	do	.66	.27	.82	.25				.02	.07	.05	.02																				.07	2.62			
Boysd.	do	.73	.20	.89	.26				.10	.29	.02	T.																				.30	2.91			
Cambridge (near)	do	.49	.20	* 1.64					.10	* 71																							.43	4.43		
Cecilton.	do	T.	.30	.38	.95	.33	T.	T.		.01	.11	.23	.08																			.06	2.72			
Chesterham.	do	.70	.22	.98	.18				.08	.06	.15	T.																				.28	3.60			
Chewsville.	do	T.	.80	.23	* .99	T.	T.		.22	.16	T.	T.																				.12	2.67			
Clear Spring.	do	1.01	.36	.35	.25	T.	T.		.20	.35	.10	.05																			.07	3.06				
Coleman.	do	.42	.24	.27	1.09	.32	T.	T.		* .17	.14	.12																			.10	2.99				
College Park.	do	.70	.30	.86	.29				.09	.08	.05	T.																			.14	2.96				
Crisfield.	do																																			
Cumberland	do	.03	17	.19	1.03	T.	T.		.21	.10	T.	T.																			.13	T.	.03	19	T.	2.28
Darlington.	do	.90	.29	.89	.20	T.	T.		.02	* 23	T.	T.																				.05	2.72			
Easton.	do	.39	.25	1.33	.23				.14	.04	.54	.04																			.12	4.13				
Elkton.	do	T.	.99	.43	.78	.36	T.	T.		* .59	.15	T.	T.																	.04	2.47					
Emmitsburg.	do	.87																															.17	3.17		
Fallston.	do	.74	.20	.81	.41	T.	T.		.03	.15	.05	.03																			.11	2.69				
Ferry Landing.	do	.43	.21	.90	.12				.14	* 19	T.	T.																			.12	3.43				
Frederick.	do	.73	.06	.97	.32	T.	T.		.04	.46	.06	T.																			.01	3.18				
Frieville.	Ohio	T.	.30	.20	* 1.24	T.	T.		.17	.13	.35	T.																		.15	2.94					
Frostburg.	Atlantic	T.	.18	.05	.57	.25	T.	T.		.18	.16	T.	T.																	.02	T.	.30	.03	1.90		
Grantsville.	Ohio																																			
Great Falls	Atlantic	.25	.22	.74	.43				.22	T.	.08	T.	T.																				.12	2.40		
Hancock (Tomoloway).	do	.31	.08	.82	.15	T.	T.		.19	T.	T.																					.08	2.09			
Keedysville.	do	T.	.92	.16	.84	.35	T.	T.		.21	.11	.04	T.	T.																		.13	3.03			
Laurel.	do	.69	.29	.70	.30				.06	.33	.07	.01																				.11	2.84			
Lutherville.	do	.98	.28	.80	.45	T.	T.		.13	.30	.05	T.	T.																		.15	3.26				
Maryland Line.	do	.80	.25	.65	.90	T.	T.		.12	T.	.30																					.15	3.30			
Mechanicsville.	do	.32	.21	1.00	.10				.04	.07	.25	.16																			.07	3.05				
Millington.	do	T.	.29	.51	1.07	.36				.14	T.	.40																				.03	3.19			
Newburg.	do	.33	.07	.97	.10				.12	.19	T.	T.																				.18	3.08			
Oakland.	Ohio	T.	.27	.18	.73	.05	T.	T.		.22	.12	.39	.04																			.30	2.90			
Picardi.	Atlantic	.49	.11	.74	.18	T.	T.		.12	.07	T.	T.																				.08	2.02			
Pleasant Hill.	do	.65	.38	.70	.40	T.	T.		.28	.18	.12	T.	T.																			.17	3.17			
Pocomoke City.	do	.18	.18	1.75	T.				.06	T.	.12	.61																				.22	4.36			
Princess Anne.	do	.13		1.21	.70	.08				.06	T.	.00																				.25	4.75			
Public Landing.	do	.20	1.00	2.10	T.				.02	T.	.00																					.10	5.40			
Ridgely.	do	.36	.25	1.50	.32	T.	T.		.02	.14	.62	.12																			.12	4.36				
Rock Hall.	do	.45	.36	.86	.30	T.	T.		.07	* .25	.20																					.07	3.26			
Salisbury.	do	.15		.05	1.60	.10				T.	.05	.90																				.22	3.91			
Sines**.	Ohio	.02	.30	.10	.90	.06	.20		.06																							.08	3.04			
Solomons.	Atlantic	.21		.05	1.41	.14				T.	.06	.03	.78																		.21	3.70				
State Sanatorium.	do	.78	.25	.88	.21	.02				T.																						.11	2.98			
Stevensville.	do	.40	.40	.40	.62	.15				T.																						.25	4.33			
Takoma   .	do	.40	.25	.72	.48					T.																						.08	.05			
Towson.	do	*	1.10	.93	.45	T.	T.			T.																						.21	3.31			
Western Port.	do	T.	.12	.13	.65	.25	T.	T.		.14	.10	.07	T.																	.02	2.28					
Westminster.	do	.48	.30	.76	.86	T.	T.		.21	.18	.09	T.																		.18	2.71					
Woodstock.	do	.75	.30	.72	.32	T.	T.		.14	.30	.06	T.																		.20	2.99					
<i>District of Columbia</i>																																				
Washington***.	Atlantic	.65	.40	.98	T.				.14	T.	.02	.06																			.12	2.64				
<i>Delaware</i>																																				
Bridgeville.	Atlantic	.01	.40	.12	1.47	.05	T.	T.		T.	.09	.65																		.07	4.30					
Delaware City.	do	.27	.32	.84	.20	T.	T.		T.	.10	.25	.10																		.05	2.48					
Dover.	do	.24	.26	.25	.45	T.	T.		T.	.03	.12	.53	.06																	.01	3.55					
Milford.	do	.08	.40	.03	1.62	.15			T.																						.05	4.88				
Millsboro.	do	T.	.18	.03	.8																															

## CLIMATOLOGICAL DATA: MARYLAND AND DELAWARE SECTION

MARCH, 1929

## Daily Temperatures for March, 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>																														58.2			
Annapolis .....	51	45	44	43	48	51	52	40	49	43	51	67	65	70	69	65	55	57	65	68	72	69	80	78	72	61	62	56	53	50			
Maximum .....	29	34	26	36	41	33	32	24	32	15	29	40	43	46	48	47	33	29	35	45	37	49	50	53	48	51	38	47	35	49	39	38.3	
Baltimore (U. S. W. B.) .....	54	42	52	49	49	54	50	40	47	44	65	71	64	73	64	65	46	61	65	65	68	78	74	83	58	79	64	63	57	51	55	59.9	
Bell .....	52	51	52	50	46	54	53	38	47	42	64	69	68	70	64	56	58	64	63	63	72	75	74	82	80	78	63	63	59	55	53	59.9	
Bell .....	25	33	20	25	41	31	32	20	23	11	14	40	42	53	53	52	30	21	22	44	27	59	63	49	47	49	30	41	24	40	40	35.5	
Boyd's .....	52	46	53	45	55	53	58	38	44	46	64	76	78	70	69	63	51	61	66	64	72	76	82	80	73	65	61	60	48	50	60.5		
Boyds .....	26	33	27	30	38	31	25	16	26	36	55	50	50	50	50	26	24	22	42	27	51	62	50	47	50	30	36	27	36	40	34.8		
Cambridge (near) .....	54	56	55	58	54	56	53	39	51	42	62	69	64	70	68	69	56	57	60	66	67	76	71	83	80	78	64	63	47	52	53	61.1	
Cambridge (near) .....	30	34	26	40	46	38	37	25	26	18	27	38	45	54	57	54	35	32	35	48	52	68	54	49	50	64	44	42	45	41	41	41	
Cecilton .....	53	47	51	51	50	51	49	38	47	41	61	69	65	71	69	66	54	58	62	63	70	76	72	80	67	77	67	61	58	57	60.1		
Cheltenham .....	53	50	53	50	51	56	54	41	50	43	65	70	68	74	72	68	57	59	64	67	73	76	84	76	80	63	63	59	54	54	62.0		
Chesapeake .....	29	33	23	34	42	31	33	22	28	14	25	43	45	54	57	57	31	26	36	45	33	60	63	55	48	58	36	42	30	41	41	39.2	
Chesapeake .....	49	44	49	46	42	53	54	37	40	37	62	69	63	64	61	61	51	51	51	51	51	69	79	68	66	60	61	51	51	51	57.5		
Chesapeake .....	24	32	29	32	32	28	21	19	22	7	20	39	37	56	51	34	26	25	26	44	32	54	55	52	48	47	29	35	24	34	38	33.6	
Clear Spring .....	50	47	50	45	39	54	48	36	40	64	71	64	73	66	62	45	59	57	62	63	73	79	70	64	57	53	63	53	58	58.3			
Clear Spring .....	24	34	27	34	55	29	21	19	25	9	13	34	41	51	53	44	29	28	25	42	36	52	53	55	47	47	34	41	31	34	36	35.3	
Coleman .....	53	48	50	49	49	51	50	40	41	42	63	71	67	70	68	64	52	59	60	64	69	77	73	86	64	61	60	52	55	59.2			
College Park .....	55	51	53	51	48	56	55	42	48	44	66	72	72	72	68	64	54	58	53	65	72	74	83	70	65	63	61	56	56	62.1			
College Park .....	27	31	24	27	42	32	30	23	26	13	15	33	42	54	52	54	32	27	25	38	28	60	64	53	47	50	30	33	45	34	38	36.5	
Crisfield .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Cumberland (W. S. ....	46	41	58	44	43	60	30	44	39	45	66	74	68	72	69	59	44	61	68	69	73	68	74	83	78	67	66	67	61	54	68	69.0	
Cumberland (W. S. ....	28	33	26	33	40	27	20	23	13	20	28	39	45	50	49	29	34	28	33	30	39	54	51	31	34	37	29	39	42	34.6			
Darlington .....	50	44	49	46	45	50	50	38	46	42	64	70	65	61	63	60	58	62	66	78	70	78	73	71	65	61	63	57	56	58.5			
Easton .....	25	27	24	26	37	30	30	23	21	12	19	24	29	50	49	50	29	28	25	42	28	53	60	53	44	48	32	41	31	32	33.0		
Easton .....	52	50	50	50	55	55	48	32	49	39	61	66	64	71	67	67	52	57	59	64	70	69	76	81	67	76	55	55	51	47	51	58.2	
Elkton .....	53	43	52	47	53	58	51	41	48	43	61	64	60	64	67	61	61	62	71	71	80	82	81	71	68	65	64	63	52	58	60.1		
Elkton .....	25	29	24	27	42	32	25	22	25	12	22	26	35	54	53	41	31	27	26	36	21	27	31	32	32	41	42	35	35	35	35.5		
Emmitsburg .....	46	45	47	47	40	50	50	35	42	40	61	69	64	66	64	60	49	57	60	61	67	70	78	74	67	61	58	56	56	60	57.1		
Fallston .....	50	45	48	44	46	47	43	46	47	40	62	69	65	64	64	60	58	57	63	66	77	71	80	73	72	62	62	58	51	56	57.8		
Fallston .....	26	32	24	30	38	36	24	21	26	10	25	35	36	43	50	54	50	28	32	32	42	39	54	50	44	50	34	38	31	36	36	33.3	
Ferry Landing .....	52	44	57	48	50	55	52	41	52	43	63	69	64	73	71	68	52	59	64	67	72	72	83	70	80	64	64	56	51	54	60.8		
Frederick .....	52	32	25	34	40	31	20	21	28	12	26	41	51	51	56	52	39	37	46	58	60	66	75	77	72	65	62	61	55	60	60.4		
Frederick .....	29	32	29	27	37	31	25	21	27	13	26	32	33	42	43	36	31	27	29	35	54	60	57	48	49	37	40	31	36	41	37.3		
Friendsville .....	41	39	52	47	47	51	51	35	36	35	57	68	59	66	68	60	36	52	60	52	67	62	68	78	72	69	55	50	55	60.8			
Frostburg .....	43	43	54	45	40	50	54	36	35	36	60	69	66	64	64	63	45	52	57	63	62	68	78	80	78	59	57	54	63	56.5			
Frostburg .....	28	30	22	33	34	28	15	13	24	5	22	33	40	49	49	43	23	30	38	30	49	53	45	45	48	36	38	25	37	42	33.3		
Grantsville .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Great Falls .....	53	52	54	47	57	56	57	37	45	42	64	71	67	72	70	66	67	66	66	75	76	72	84	74	75	65	61	59	56	61.7			
Great Falls .....	23	32	22	28	39	31	27	23	25	14	26	32	41	55	50	54	31	24	26	43	28	55	63	68	46	42	37	35	36	35.6			
Hancock (Tonaway) .....	48	41	55	51	41	59	51	40	40	44	66	76	66	72	69	64	47	59	57	67	60	73	75	80	70	61	64	58	62	59.5			
Keedysville .....	54	53	47	42	56	54	59	38	41	46	65	72	64	71	66	64	48	54	52	55	68	73	77	83	77	72	62	62	58	59.8			
Keedysville .....	25	33	20	36	36	29	23	20	27	11	23	38	47	57	53	51	47	29	24	37	31	46	50	55	49	43	34	36	34.6				
Laurel .....	53	45	50	49	47	53	52	38	47	43	64	70	62	71	67	65	50	58	63	65	76	72	80	83	77	71	65	59	54	59.4			
Laurel .....	28	33	24	29	41	34	36	30	35	20	27	32	37	46	51	46	37	46	32	43	37	61	63	56	55	49	38	37.5					
Lutherville .....	52	50	52	48	47	53	50	40	44	43	65	72	69	70	70	64	50	60	60	64	69	78	76										