

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

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In Cooperation with Maryland State Weather Service

CLIMATOLOGICAL DATA

MARYLAND AND DELAWARE SECTION

ROSCOE NUNN, Meteorologist and Section Director

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GENERAL SUMMARY

March was cold and, except for the Allegheny Mountain region, markedly deficient in precipitation and snowfall. The mean temperature of 38°, or 4.5° below normal, was 2° higher than that of the coldest March (1916) of record, and 7° lower than in March, 1925. The month was decidedly wintry in the Allegheny Mountain region, where the monthly temperature was 6° to 7° below normal and the monthly snowfall was unusually heavy. Sunshine totaled slightly above normal. Strong northwest winds were frequent, but not violent or damaging in character.

The 1st and 7th were mild, and a mild spell prevailed from the 18th to the 25th, with several warm days. Cold weather over-spread the section from the 2d to the 6th, from the 8th to the 18th, and from the 26th to the 31st. Highest temperatures ranged from 60° to 65° in the Allegheny Mountain region to 75° to 80° in the eastern half of the section; they occurred on the 25th, except on the 19th in the Allegheny Mountain region. Lowest temperatures were close to or below zero in the Allegheny Mountain region, with an extreme of 8° below at Oakland; elsewhere they were between 5° and 15°, except above 15° in the Chesapeake Bay region with an extreme of 21° at Crisfield. They occurred on the 5th or 6th.

Precipitation averaged 2.22 inches, or about three-fifths of normal. It was chiefly in the form of rain, except in the form of snow in the Allegheny Mountain region. Monthly amounts were close to 2 inches, except in excess of 3 inches in the Allegheny Mountain region, with a maximum of 4.5 inches in the northern highlands. Daily amounts were light, except moderate on the 26th and moderate to heavy on the 7-8th and 31st.

Snowfall averaged 1.9 inches, or two-fifths of normal. Monthly amounts were light, almost negligible, except heavy in the Allegheny Mountain region where they ranged from 10 inches on the lower eastern slopes to between 20 and 30 inches in the highlands. In the Allegheny Mountain region light snow fell on the 3d, 4th, 5th, 7th, 8th, 9th, 15th, 16th, 17th, 18th, 27th, and 28th; moderate to heavy snow (3 to 5 inches) on the 3d, and heavy snow (5 to 6.5 inches) on the 26th. Light snow fell also in Allegany County on the 2d, 3d, and 8th; over the entire section on the 11th, in western Maryland on the 12th, and in the northern Blue Ridge Mountains on the 26th. Snow flurries extended eastward to the Blue Ridge Mountains on the 2d and 8th, to northern Chesapeake Bay on the 3d, and to the coast on the 9th, 12th, 16th, and 26th; and also occurred in north-central Maryland on the 7th, in northern Delaware on the 8th, in southern Maryland and District of Columbia on the 13th, in the Blue Ridge Mountains on the 15th, and in Delaware on the 18th.

Winter grains were in fair to good condition, and greened nicely during the mild period of 18-25th. In the Allegheny Mountain region they were snow-covered from the 2d to the 18th and 26th to 29th. The weather of the month was too cold and the ground too wet to permit of the usual early-spring farming operations, though some plowing was done. In the southern portion of the section some clover and oats were sown; some peas, early potatoes, and gardens were planted; and tobacco beds were made. Fruit buds were held back. Making of maple sugar and syrup began during the third decade.—*J. B., jr.*

PRESSURE

The monthly mean sea-level pressure at Washington was 29.99; at Baltimore, 29.98; at Aberdeen, 29.97 inches. The highest at Washington was 30.62; at Baltimore and Aberdeen, 30.61 inches—all on the 6th. The lowest at Washington was 29.30; at Baltimore, 29.32; at Aberdeen, 29.31 inches—all on the 31st.

TEMPERATURE

The monthly mean for the section, 38.1°, is 4.5° below normal. The highest monthly mean was 42.1° at Crisfield; the lowest, 29.6°, at Grantsville. The highest temperature, 80°, occurred at Bridgeville, Cheltenham, College Park, Ferry Landing, La Plata, Millsboro, and Public Landing on the 25th; the lowest, -8°, at Oakland on the 6th. The greatest local monthly range was 72° at College Park; the least, 51°, at Crisfield. The greatest daily range was 50° at Oakland on the 6th.

PRECIPITATION

The monthly average for the section, 2.22 inches, is 1.44 inches below normal. The greatest amount was 4.51 inches at Grantsville; the least, 1.11 inches, at Keedysville. The greatest 24-hour amount was 1.30 inches at Clear Spring (b) on the 31st and at Wilmington on the 7-8th. The average monthly snowfall, 1.9 inches, is 2.8 inches below normal. The greatest monthly snowfall was 30 inches at Grantsville; the least, a "trace", over most of the eastern portion of the section. The average number of days with 0.01 inch or more, 10, is normal.

WIND

The prevailing direction for the section was northwest. The total movement at Washington was 6,289; at Baltimore, 5,303; at Aberdeen, 7,096 miles. The maximum velocity at Washington was 34 miles from the northwest; at Baltimore, 25 from the west; at Aberdeen, 30 from the west—all on the 23d.

SUNSHINE AND CLOUDINESS

At Washington 53 per cent of the possible sunshine was recorded; at Baltimore, 64 per cent; at Aberdeen, 71 per cent. For the whole section the number of clear days was 13; partly cloudy, 11; cloudy, 7.

MISCELLANEOUS PHENOMENA (WITH DATES)

Fogs, light.—Eastern portion of section, 7, 18-19, 20, 22, 23; Chesapeake Bay, 31.

Sleet, light.—Northern portion of section, except western Maryland, night 6-7, 18, 26.

Thunderstorms.—Eastern Washington County and District of Columbia, 7; extreme northern Baltimore County, night 19; Cumberland, 23.

Winds, high.—Southwest, 1; northwest, 2, 3, 4, 5, 7, 8, 9, 20, 23.

Climatological Data for March, 1926

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 (unmelted)	With precip. 0.01 inch or more	Clear	Partly cloudy			Cloudy
<i>Maryland</i>																				
Aberdeen	Harford	80	8	37.0		76	25	15	6	39	2.10	0.83	T	9	11	12	8	w.	U. S. Army.	
Annapolis	Anne Arundel	45	61	40.0	-3.4	77	25	16	6	36	2.17	-1.80	T	9	17	10	4	nw.	Joseph Stein.	
Baltimore*		115	56	39.8	-2.5	76	25	18	6	29	2.19	-1.69	T	10	11	11	9	sw.	U. S. Weather Bureau.	
Bell ††	Prince Georges	151	6	38.2		77	25	6	6	42	2.04	0.57	T	8	10	15	6	nw.	Bureau Plant Industry.	
Boyd's	Montgomery	424	7	38.3		73	25	8	6	41			T		9	14	8	nw.	James L. Higgins.	
Cambridge	Dorchester	25	33	40.2	-4.9	78	25	19	5†	35	2.09	-2.02	0.80	T	9	18	9	4	sw.	Robert L. Hamill.
Cecilton	Cecil	85	8	39.0		76	25	12	14	36	2.66	1.11	T	10	10	10	11	nw.	Wm. F. Coale.	
Cheltenham	Prince Georges	230	26	40.3	-4.8	80	25	9	6	37	2.26	-1.64	0.59	T	9	14	11	6	nw.	Geo. Hartnell.
Chesapeake City	Cecil	17	7								2.21		T	10	17	9	5	nw.	Harold Steele.	
Chewsville	Washington	530	29	36.2	-5.2	68	25	8	6	35	2.07	-0.91	0.78	1.0	9	14	10	7	nw.	D. Paul Oswald.
Clear Spring (a)	do	500	24	37.4	-2.7	69	25	11	6	35	2.05	-1.43	1.06	1.8	9	14	8	9	w.	Leo A. Cohill.
Clear Spring (b)	do	500	29								2.11	-1.37	1.30	1.6	9	14	9	8	nw.	E. G. Kinsell.
Coleman ††	Kent	80	29	39.0	-4.9	76	25	15	6	35	2.26	-1.38	0.96	T	9	17	10	4	nw.	Walter B. Harris.
College Park	Prince Georges	87	40	39.7	-4.0	80	25	8	6	47	2.03	-1.60	0.61	T	8	13	11	7	nw.	Prof. Thos. H. White.
Crisfield	Somerset	5	8	42.1		72	25	21	14	31	2.10	0.68	1.0	10	9	14	8	nw.	A. B. Cochrane.	
Cumberland	Allegany	623	53	35.9	-4.1	68	19	10	6	38	2.10	-0.96	0.72	2.1	15	16	6	9	nw.	Harvey H. Weiss.
Darlington	Harford	300	36	36.8	-4.6	74	25	7	6	41	2.01	-1.42	1.00	T	9	12	14	5	w.	Fred. C. Jones.
Easton	Talbot	35	36	39.8	-4.5	73	25	15	6	39	1.82	-1.84	0.67	T	8	18	7	6	nw.	Clement E. Bray.
Emmitsburg	Frederick	720	58	37.2	-3.2	69	25	12	5	34	2.34	-1.76	1.02	T	10	19	6	6	w.	Mt. St. Mary's College.
Fallston ††	Harford	450	57	36.8	-3.1	74	25	12	6	34	2.13	-1.88	0.80	T	11	10	16	5	nw.	Miss Dorca Curtiss.
Ferry Landing ††	Calvert	45	10	40.4		80	25	12	6	36	1.64		0.58	T	8	12	13	6	nw.	Thos. J. Bourne.
Frederick	Frederick	275	52	39.2	-3.1	71	25	13	6	40	2.13	-1.19	0.80	0.3	8	12	11	8	nw.	Chas. S. Birely.
Friendsville	Garrett	1,501	8	32.2		64	19†	-1	5†	48	3.85	0.60	20.0	15	9	6	16	w.	Joab J. Friend.	
Frostburg	Allegany	1,929	25	33.2	-6.1	64	19	2	5	36	2.85	-0.94	0.67	7.3	14	14	6	11	w.	J. D. Snyder.
Grantsville	Garrett	2,351	33	29.6	-7.2	61	19†	-6	6	45	4.51	+0.56	0.75	30.0	18	9	9	13	w.	C. S. Zeller.
Great Falls ††	Montgomery	200	37	38.9	-4.7	76	25	8	6	42	1.90	-1.41	0.60	T	8	12	12	7	nw.	Chas. E. Sullivan.
Hancock	Washington	455	16	36.9	-5.4	69	25	11	5†	46	1.46	-1.81	0.52	2.0	8	15	9	7	nw.	American Fruit Growers
Keedysville	do	100	23	38.8	-4.4	71	25	10	6	39	1.11	-1.83	0.35	0.2	8	14	11	6	nw.	J. A. Miller.
La Plata	Charles	190	10	41.0		80	25	13	6	39	1.76	0.52	T	6	12	13	6	nw.	John P. Burdette.	
Laurel	Prince Georges	320	32	39.1	-4.0	76	25	12	6	36	1.99	-1.76	0.62	T	9	15	10	6	nw.	Evan G. Chaney.
Maryland Line	Baltimore	840	2	35.3		68	25	11	5†	31	2.29	1.08	T	9	16	10	5	w.	Chester L. Fulton.	
Millington	Kent	27	29	39.0	-5.0	77	25	11	6	37	2.15	-1.89	0.84	T	10	13	12	6	w.	Henry L. Higman.
Oakland	Garrett	2,461	27	30.5	-6.4	62	19†	-8	6	50	4.18	+0.37	0.85	22.7	7	10	14	w.	R. E. Weber.	
Pleasant Hill ††	Baltimore	669	2								1.75		T	8	15	10	6	nw.	J. E. Henry.	
Princess Anne	Somerset	17	51	40.2	-5.4	78	25	15	6	37	2.05	-1.85	0.75	1.6	8	7	17	7	nw.	James R. Stewart.
Public Landing ††	Worcester	10	11	39.2	-5.8	80	25	11	6	37	2.68	-1.27	1.17	1.5	10	14	9	8	nw.	Louis C. de Guibert.
Ridgely	Caroline	57	5	40.0	-4.9	78	25	14	6	36	1.86	-1.72	0.68	T	9	11	14	6	nw.	Albert White.
Rock Hall	Kent	25	11	38.6	-6.4	73	25	12	6*	36	1.97	-1.57	0.68	T	9	13	11	7	nw.	Charles J. Jeddif.
Salisbury	Wicomico	23	21	40.5	-5.1	78	25	15	6	36	2.32	-1.80	0.75	1.0	8	12	13	6	nw.	Homestead Dairy Farms.
Solomons	Calvert	20	35	41.0	-3.6	78	25	19	6	36	1.82	-1.48	0.60	0.4	10	5	9	17	nw.	Dr. W. H. Marsh.
State Sanatorium	Frederick	1,460	18	35.3	-5.4	65	25	7	5	35			0.6		17	7	7	nw.	Dr. V. F. Cullen.	
Takoma	Montgomery	320	28	38.9	-4.2	78	25	16	5†	33	1.93	-1.79	0.58	T	8	7	14	10	nw.	L. M. Mooers.
Towson	Baltimore	465	14								1.89	0.67	T	8	11	11	9	nw.	Albert E. Walden.	
Western Port	Allegany	1,000	33	37.5	-4.4	72	19	9	6	42	2.19	-0.63	0.72	2.5	11	14	9	nw.	Norris Bruce.	
Westminster	Carroll	770	17	37.2	-4.6	69	25	12	5	37	2.25	-1.48	0.98	T	9	15	10	6	nw.	Prof. S. P. Caltrider.
Woodstock	Baltimore	415	56	38.1	-3.3	74	25	8	6	41	1.90	-1.81	0.72	T	9	15	7	9	nw.	Rev. J. A. Pollock, S. J.
<i>Dist. of Columbia</i>																				
Washington**		112	56	40.1	-2.5	76	25	17	5	30	2.07	-1.78	0.54	T	8	7	14	10	nw.	U. S. Weather Bureau.
<i>Delaware</i>																				
Bridgeville	Sussex	45	3	39.6	-4.6	80	25	12	6	41	2.10	-1.70	0.73	0.5	9	12	14	5	nw.	George Ray.
Delaware City	Newcastle	10	40	39.0	-2.3	75	25	17	5†	36	1.49	-1.77	0.85	T	8	17	8	6	nw.	G. E. Vall.
Dover	Kent	34	37	39.8	-5.0	78	25	14	6	35	2.47	-1.72	0.82	0.8	11	17	9	5	nw.	Arthur G. Livingston.
Milford	do	20	44	40.2	-4.9	79	25	12	6	37	2.69	-1.46	0.87	0.8	9	11	14	6	nw.	Chas. J. Holzmueller.
Millsboro	Sussex	20	34	40.1	-4.1	80	25	10	6	40	2.12	-1.88	0.77	0.8	10	17	10	4	nw.	Rev. M. P. S. Huntington.
Wilmington	Newcastle	56	33	37.2	-5.4	71	25	11	6	32	2.92	-0.62	1.30	T	8	17	9	5	w.	Street and Water Depts.
For Maryland and District of Columbia				38.0	-4.5	80	25	-8	6	50	2.21	-1.42	1.30	2.1	10	13	11	7	nw.	
For Delaware				39.3	-4.1	80	25	10	6	41	2.30	-1.52	1.30	0.5	9	15	11	5	nw.	
For entire section				38.1	-4.5	80	25	-8	6	50	2.22	-1.44	1.30	1.9	10	13	11	7	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. † Precipitation is less than 0.01 inch rain or melted snow. Reference letters, *, †, ††, appearing in the table indicate number of days missing; for example, † 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. * Customhouse Building, Gay and Water Streets. ** Weather Bureau Building, 24th and M Streets.

Daily Precipitation for March, 1926

Table with columns for Station, Watersheds, Day of month (1-31), and Total. Rows list various Maryland and Delaware stations like Aberdeen, Annapolis, Baltimore, etc.

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 MARCH

Table comparing temperature and precipitation data for Maryland and Delaware from 1895 to 1926. Columns include Year, Temperature (Mean, Departure from normal, Highest, Lowest, Average), and Precipitation (Departure from normal, Greatest local, Least local, Greatest in 24 hours, Snowfall, Number of days with 0.01 inch or more).

Daily Temperatures for March, 1926

Table with columns for Stations, days 1-31, and Mean. Rows list various Maryland and Delaware locations such as Aberdeen, Annapolis, Baltimore, etc., with their respective maximum and minimum temperatures for each day.

a, b, etc., indicate respectively 1, 2, 3, etc., days missing from the record. §§ Instruments are read in the morning; the maximum temperature then read is charged to the preceding day, on which it almost always occurs. Temperatures at Aberdeen, Baltimore, and Washington are from midnight to midnight; at other stations, except Cumberland and Takoma, they are for the 24-hour period ending late in the afternoon, near sunset. Data in italics determined from surrounding stations.