

U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU
IN COOPERATION WITH MARYLAND STATE WEATHER SERVICE

CLIMATOLOGICAL DATA

15 MARYLAND AND DELAWARE SECTION

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GENERAL SUMMARY

This March was windy. Monthly temperatures were above normal, except below normal in Worcester and extreme southern Somerset Counties and in western Maryland. Monthly precipitation was above normal, except below normal in extreme eastern New Castle County, in Wicomico, Worcester, Somerset, southern Calvert, and Charles Counties, in extreme northern Frederick County, and in western Maryland. For the entire section the monthly mean temperature and the monthly average precipitation departed but slightly from normal. Monthly snowfall averaged 1.6 times the normal. Sunshine was abundant during the first and third decades, but deficient during the second decade. Monthly sunshine was 5% above normal.

Cold periods were 2d-4th and 7-9th; cool periods were 21st-23d and 28-29th; warm periods were 11-12th, 25-27th, and 30th-31st. The 4th was the coldest day; the 31st, the warmest day.

Light snow fell over the section on the 3d and over the Allegheny Mountain region on the 7th and 8th. Snowfall was light to moderate over the northern portion of the section on the 6th and 13th, except heavy in the Frostburg—Mt. Savage Summit area on the 6th and in northeastern Carroll and northern Baltimore Counties on the 13th. Snow of the 6th was followed by rain, while snow of the 13th was preceded by rain. Snowfall was light to moderate over the section during the 21st-22d, except heavy in the Snow Hill area and from the northern Prince Georges County—District of Columbia—eastern Montgomery County area northeastward into southern Baltimore County. Snow flurries occurred during the night of the 22-23d over the eastern portion of the section.

Winter grains were good and pastures were fair during the first decade; they greened nicely and improved thereafter, the former becoming good to excellent and the latter becoming fair to good. The ground was too wet to permit field operations generally, but some plowing, some sowing of clover and vegetable seeds, some sowing and planting of gardens, and some planting of peas, early potatoes, and cabbages were accomplished during the second half of the month on the southern and central Eastern Shore. Activities included husking corn, stripping tobacco, pruning fruit trees, cutting wood, hauling manure, and caring for livestock. Early peach and pear trees were blooming at the close of the month on the southern and central Eastern Shore.—J. B., jr.

TEMPERATURE

The monthly mean for the section, 42.8°, is 0.2° above normal. The highest monthly mean was 46.9° at Salisbury; the lowest, 32.2°, at Mt. Savage Summit. The highest temperature, 84°, occurred at Takoma on the 31st; the lowest, 6° below zero, at Mt. Savage Summit on the 4th. The greatest local monthly range was 83° at Bell; the least, 55°, at Crisfield.

PRECIPITATION

The monthly average for the section, 3.59 inches, is 0.04 inch below normal. The greatest monthly amount was 5.82 inches at Fort George G. Meade; the least, 1.86 inches, at Cumberland. The greatest 24-hour amount was 1.90 inches at Cambridge on the 6th. The monthly average snowfall for the section, 7.8 inches, is 2.9 inches above normal. The greatest monthly snowfall was 15.6 inches at Mt. Savage Summit; the least,

2.4 inches at Crisfield. The greatest 24-hour snowfall was 9.0 inches at Frostburg on the 6th.

MISCELLANEOUS PHENOMENA (WITH DATES)

First robin.—Oxford, 3; Princess Anne, 18. Fogs, light and dense.—3, 6, 10 to 14, 16 to 21, 27, 31. Glaze, light.—3. Halos, lunar.—11, 14, 16 to 21. Halos, solar.—1, 2, 4, 12, 14, 15, 18, 19, 26, 28. Sleet, light.—3, 6, 13, 17, 21. Sundogs.—5, 9, 23. Thunderstorms.—17, 19, 27. Wild geese flying southeast.—Princess Anne, 13. Winds, high.—3, 6, 7, 16, 17, 19, 20, 23, 24, 25, 26.

PRESSURE, HUMIDITY, SUNSHINE, WIND, DEGREE DAYS

Stations	Atmospheric pressure reduced to sea level				Wind			Mean relative humidity			Percentage of sunshine	Heating degree days (base 65°)
	Highest	Date	Lowest	Date	Average hourly velocity	Maximum velocity	Direction	Date	7:30 a. m.	1:30 p. m.		
Aberdeen, Md.	30.94	9	29.38	6	8.7	30	s.	20	76	55	64	723
Annapolis, Md.	30.96	9	29.40	6	10.5	30	s.	20	78	55	66	672
Baltimore, Md.	30.96	9	29.41	6	11.0	33	sw.	20	73	51	60	624
Elkins, W. Va.	30.75	9	29.47	6	7.4	30	w.	16	80	53	59	825
Harrisburg, Pa.	30.94	9	29.46	6	8.9	38	sw.	16	72	53	57	834
Norfolk, Va.	30.85	9	29.50	6	11.0	35	s.	16	80	59	69	505
Philadelphia, Pa.	30.96	9	29.35	6	10.3	31	s.	16	73	52	62	699
Pittsburgh, Pa.	30.74	8	29.34	6	13.1	35	w.	7	70	49	56	776
Washington, D. C.	30.92	9	29.45	6	8.7	24	nw.	7	73	50	62	610

COMPARATIVE DATA FOR MARCH

Year	FOR MARYLAND						FOR DELAWARE					
	Temperature			Precipitation			Temperature			Precipitation		
	Mean	Highest	Lowest	Average	Average snowfall	No. of days with 0.1 in. or more	Mean	Highest	Lowest	Average	Average snowfall	No. of days with 0.1 in. or more
1895	39.8	74	-7	2.94	8.5	9	40.9	69	19	3.61	1.2	9
1896	36.4	72	-13	4.26	14.6	9	35.2	74	12	4.74	2.8	10
1897	44.4	82	12	2.93	0.7	10	44.5	80	20	2.72	T.	8
1898	47.5	84	7	3.80	3.0	11	48.2	78	22	2.67	1.0	9
1899	40.9	77	1	4.79	3.7	11	42.0	72	20	5.32	3.4	11
1900	37.3	74	-8	3.23	13.2	9	38.4	69	6	3.72	6.0	10
1901	42.6	81	-9	3.50	1.9	9	42.7	74	8	3.60	0.6	7
1902	44.7	80	3	3.92	10.5	10	46.2	75	16	3.74	3.5	10
1903	49.2	85	15	5.12	0.2	10	49.9	79	23	6.10	0.0	9
1904	41.2	87	-5	2.99	2.0	10	41.2	74	17	3.42	1.4	10
1905	45.4	88	-15	3.16	2.2	10	44.4	68	11	3.12	0.6	11
1906	36.7	68	-8	4.83	11.3	13	38.5	63	14	6.11	4.4	13
1907	46.1	98	-2	3.30	6.5	9	46.1	88	16	2.99	4.8	9
1908	40.7	80	11	3.16	0.6	10	47.6	83	22	1.74	0.8	9
1909	40.2	80	9	3.69	7.6	11	41.8	75	17	3.82	2.5	10
1910	49.0	89	14	1.11	2.1	5	49.3	86	22	2.58	3.0	5
1911	39.8	77	-5	2.56	9.3	12	40.6	74	6	3.10	7.0	10
1912	39.5	78	-7	6.69	7.7	13	41.1	72	16	7.16	7.9	12
1913	47.2	88	-6	4.66	0.7	10	49.1	80	13	3.86	T.	10
1914	37.8	80	-14	2.40	15.4	10	38.6	65	4	3.02	18.5	10
1915	36.6	64	3	1.14	4.4	5	35.8	72	19	1.26	1.7	3
1916	36.9	78	-3	3.88	4.5	10	35.9	69	8	3.51	5.8	10
1917	41.1	82	-5	5.34	10.2	13	41.7	76	17	6.26	0.9	13
1918	45.6	84	8	3.61	0.1	9	44.8	80	17	3.48	T.	9
1919	45.8	76	14	3.87	0.6	10	46.4	78	24	4.63	0.1	9
1920	48.2	85	-1	3.00	2.7	9	43.6	75	11	3.86	1.7	10
1921	53.6	91	14	2.38	T.	11	54.6	88	23	5.01	0.5	11
1922	44.2	80	11	4.70	2.2	13	45.0	76	19	4.48	0.2	12
1923	43.3	82	-6	4.23	5.8	11	44.0	80	13	5.60	4.5	12
1924	40.7	77	11	4.98	12.2	10	41.7	76	22	5.34	1.7	10
1925	44.8	82	-3	2.25	0.4	9	46.6	79	9	2.28	T.	8
1926	38.0	80	-8	2.21	2.1	10	39.3	80	10	2.90	0.5	9
1927	45.4	84	10	1.72	0.1	9	45.6	82	18	1.92	T.	10
1928	41.7	83	7	2.97	7.0	10	42.2	82	14	2.81	0.6	11
1929	48.0	86	4	3.14	1.3	10	49.7	81	11	3.39	T.	11
1930	42.2	77	4	2.16	7.4	7	42.7	76	18	2.00	T.	7
1931	39.1	65	14	4.28	7.7	13	40.6	64	25	5.24	7.4	12
1932	38.2	75	-4	5.70	5.7	10	40.1	70	12	6.46	1.8	10
1933	40.1	79	0	4.40	3.2	13	41.8	80	16	3.15	1.2	13
1934	33.7	78	-10	4.35	11.7	14	40.1	75	6	5.26	13.4	14
1935	47.6	86	10	2.99	1.8	14	47.9	77	19	3.25	0.4	13
1936	47.0	83	15	5.87	3.0	12	48.9	76	20	5.60	T.	12
1937	39.4	74	1	1.96	9.7	8	39.8	69	15	2.56	3.5	9
1938	46.9	88	6	2.74	3.8	14	46.9	82	8	2.60	3.2	13
1939	43.9	90	-5	3.74	0.8	11	44.4	84	17	5.10	1.3	14
1940	38.1	75	1	3.84	2.3	10	38.6	71	14	4.64	1.2	12
1941	36.7	70	-8	2.25	12.7	8	37.3	63	13	3.36	8.4	8
1942	44.7	79	5	5.99	15.4	12	45.0	75	24	6.13	8.1	12
1943	42.6	84	-6	3.56	8.1	12	44.0	83	4	3.81	6.3	12
Period	42.5	98	-15	3.59	5.2	10	43.4	88	4	3.86	2.8	10

Climatological Data for March 1943

Table with columns: STATIONS, COUNTIES, Elevation, Length of record, Temperature (Mean, Departure from normal, Highest, Date, Lowest, Date), Precipitation (Total, Departure from normal, Greatest in 24 hours, Date, Total snowfall, With precip., Clear, Partly cloudy, Cloudy), Prevailing direction of wind, OBSERVERS.

The departures from normal temperatures are computed from the averages of the entire period for stations having 10 or more years of record. Departures of precipitation with 15 years or more of record are computed from a normal or "standard mean", adjusted to a uniform 35-year period; for stations of 10 to 14 years the means for the period of record are used.

Post addresses of these stations are as follows: of Bell, Glendale; of Blackwater, Cambridge; of Coleman, Worton; of Edgemont, Smithsburg; of Fallston, Bagley; of Ferry Landing, Owings; of Great Falls, Bethesda; of Mt. Savage Summit, Frostburg; of Picoards, Paw Paw, Va.; of Pleasant Hill, Owings Mills; of Parkton; of Sines, Oakland; of Tonoloway, Hancock; of Custom House, Gay and Water Sts. **Weather Bureau Building, 24th and M Sts. †Also on other dates. ‡2 miles northwest of Frostburg. §Municipal Building. ¶Porter Reservoir. ††Water Pumping Station. †††University Farm.

Thermometers are read in morning; maximum temperature then read is charged to preceding day, on which it almost always occurs. Temperatures at Aberdeen, Annapolis, Baltimore, Sines, and Washington are from midnight to midnight; at Dundalk, Mt. Savage Summit, Ocean City, and Snow Hill the thermometers are read at 1:30 a. m., the extremes are charged to the preceding day; other stations, except Blackwater, Cheltenham, College Park, Conowingo Dam, Cumberland, and Pocomoke City, are for 24-hour period ending late in afternoon, near sunset.

Daily Precipitation for March 1943

Table with columns for Stations, Drainage basin, Day of month (1-31), and Total. Rows list various Maryland and Delaware locations with their respective precipitation data for each day of the month.

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.
* First-order Weather Bureau station; precipitation is for the 24-hour period, midnight to midnight.
† Precipitation is measured in the morning; amount then recorded is for the preceding 24 hours.
‡ Precipitation is measured at 1:30 a.m.; amount then recorded is entered on preceding day.
§ Precipitation is measured with recording gage.
¶ Precipitation is included in the next measurement.
T, Trace, or precipitation is less than .01 inch.
§§ Two miles northwest of Frostburg.
§§§ Municipal Building.
§§§§ Porter Reservoir.
|| Water Pumping Station.
||| University Farm.

Daily Temperatures for March 1943

Table with columns for Stations, Day of month (1-31), and Mean. Rows list various Delaware and District of Columbia locations with their maximum and minimum temperatures for each day of the month.

Daily Temperatures for March 1943-Continued

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

See page 10 for explanation of reference marks.

(WBO, Richmond, Va., 5-15-43-1,200)