

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

CLIMATOLOGICAL DATA

15

MARYLAND AND DELAWARE SECTION

G. N. BRANCATO

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GENERAL SUMMARY

The wintry weather which characterized the latter part of February continued into March. It was a cold, windy, and dry month, the coldest March since 1941 and the sixth coldest March of record, the mean temperature averaging 1.5 degrees warmer than the record cold March of 1916. Near record wind velocities were recorded at Baltimore on March 25th and 26th. The average velocity for the month was the highest since 1932 and the second highest of record. All stations reported a deficiency in temperature, ranging from 1.1 degrees at Baltimore Airport to 8.7 degrees at Oakland, Maryland. However, most stations were below normal from 4 to 6 degrees. 6 to 8 degrees below normal departures were reported from most stations in the southern and western counties and from the central section of the Eastern Shore. Most stations near the head of the Chesapeake Bay were below normal by amounts from 1 to 4 degrees.

The coldest weather for practically all stations was on the 1st of the month. About 10 percent of the stations had their lowest readings on the 4th, 6th, or 9th. The first 13 days were at or below normal, but none were extremely cold for mid-winter. A quick change brought the warmest weather of the month to most stations on the 14th, although a few stations had their highest temperature on the 23d or 31st. Other cold periods were near the 18th and from the 26th to the end of the month. This latter period averaged about 8 degrees below normal. Another warm period occurred near the 24th.

All stations were well below the normal in precipitation, a great majority of them being between 1.50 and 2.50 inches below the February average. However, the light precipitation was very well distributed through the month and the section. General snows occurred from the 1st to the 3d. Amounts were exceedingly heavy in some sections with total depths up to 22 inches in western sections and up to 10 inches in north central sections. High winds during and following this snowstorm caused drifts from 10 to 15 feet in the mountains. A snowstorm swept across southern Maryland and southern Delaware on the 8th with falls ranging up to 8 inches at Blackwater, and 7 inches at Cambridge and Charlotte Hall, all in Maryland. Except in Allegany and Garrett Counties, Maryland, the weather was not sufficiently cold to hold these early March snows and they quickly melted away. Warm rains were general on the 14th and again during the last ten days except for snow flurries and light snows in the Appalachian Mountains and very infrequently over the north central portions of the section. Another period of high winds occurred on the 25th and 26th. Winds in Baltimore for the month averaged 40 percent above the March normal.

Farm operations were interrupted by the snows and the soft ground following the melt. Winter grains were in good to excellent condition except that late wheat was only fair to poor. Pastures were greening at the end of the month.

TEMPERATURE

The monthly mean temperature for the section was 37.4 degrees, or 5.5 degrees below normal. The highest monthly mean temperature, 41.8 degrees, was reported at Crisfield, Maryland, and the lowest, 27.8 degrees at Sines, Maryland. The highest temperature recorded during the month was 71 degrees on the 14th at Washington, D. C., and at Coleman, College Park, Fort George G. Meade, and Takoma Park, Maryland, and the lowest was 6 degrees below zero at Oakland, Maryland, on the 1st. The greatest monthly range in temperature, 63 degrees, was at Oakland where a maximum of 57 degrees occurred on the 31st, and a minimum of 6 degrees below zero on the 1st. The lowest monthly range in temperature was 31 degrees at Crisfield, Maryland, where the highest temperature was 59 degrees on the 24th and the lowest was 28 degrees on the 1st.

PRECIPITATION

The average March precipitation for Maryland and Delaware was 1.70 inches, which was 1.88 inches below normal. The greatest amount

reported during the month was 3.35 inches at Blackwater, Maryland, and the least was 0.90 inch at Annapolis. The greatest 24-hour precipitation was 1.00 inch at Blackwater on the 1st-2d. The snowfall averaged 5.8 inches over the section as compared to the normal amount, 4.8 inches. The greatest monthly snowfall was 32.8 inches at Oakland, Maryland. However, the greatest 24-hour amount was 8.0 inches at Blackwater on the 8th. The lowest monthly amount of snowfall was 1.5 inches at Delaware City, Delaware.

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.	7:30 p. m.		
Aberdeen, Md.	30.46	12	28.91	25					70	54	57		889
Annapolis, Md.	30.54	12	28.95	25	12.2				68	52	55		815
Baltimore, Md.	30.53	12	28.97	25	12.7	46	sw.	25	64	47	55	71	764
Elkins, W. Va.	30.51	12	29.11	24	8.9	41	w.	25	87	66	72	42	1065
Harrisburg, Pa.	30.52	12	28.94	25	10.7	34	w.	25	70	49	59	72	878
Norfolk, Va.	30.52	12	29.15	25	11.4	42	s.	14	74	54	65	56	698
Philadelphia, Pa.	30.52	12	28.95	25	9.4	26	s.	29	75	50	60	67	808
Pittsburgh, Pa.	30.48	12	28.99	25	12.9	50	s.	25	77	60	68	28	931
Washington, D. C.	30.54	12	28.99	25	10.0	34	w.	25	64	41	48	76	769

COMPARATIVE DATA FOR MARCH

Year	FOR MARYLAND						FOR DELAWARE					
	Temperature			Precipitation			Temperature			Precipitation		
	Mean	Highest	Lowest	Average	Average snowfall	No. of days with .01 in. or more	Mean	Highest	Lowest	Average	Average snowfall	No. of days with .01 in. or more
1895	39.8	74	-7	2.94	3.5	9	40.9	69	19	3.61	1.2	9
1896	36.4	72	-13	4.26	14.6	9	38.2	74	12	4.74	3.8	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	83	11	3.12	0.6	11
1906	36.7	68	-8	4.83	11.3	13	38.5	63	14	6.11	4.3	13
1907	46.1	93	2	3.30	6.5	9	46.1	88	16	2.99	4.8	9
1908	45.7	85	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	83	-6	4.56	0.7	10	49.1	80	13	3.86	T	10
1914	37.8	80	-14	2.40	15.4	10	38.6	75	4	3.02	18.5	10
1915	36.6	64	3	1.14	4.4	5	38.8	62	19	1.86	1.7	8
1916	35.9	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	48.4	78	24	4.63	0.1	9
1920	43.2	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	2.51	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	2.30	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	45.0	86	4	3.14	1.3	10	49.7	81	11	3.39	T	11
1930	42.2	77	4	2.16	1.6	7	43.7	76	18	2.00	T	7
1931	39.1	65	14	4.28	7.4	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	8.8	10
1933	40.1	79	-0	4.40	3.2	13	41.8	80	16	3.15	1.2	13
1934	38.7	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	2.36	8.4	8
1942	44.7	79	5	5.99	15.4	12	45.0	75	24	6.13	6.3	12
1943	42.6	84	-6	3.56	8.1	12	44.0	83	4	3.81	6.1	15
1944	40.2	82	0	5.69	5.5	14	41.1	78	13	6.16	6.1	15
1945	53.0	91	17	1.80	0.3	10	53.1	89	22	1.79	0.0	10
1946	50.7	88	12	2.40	0.1	11	50.8	80	18	3.11	0.0	11
1947	37.3	71	-6	1.66	6.1	9	37.7	69	11	1.92	4.3	8
Period	42.7	93	-15	3.54	5.1	10	43.6	89	4	3.81	2.8	10

Climatological Data for March 1947																					
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	Total	Departure from the normal	Greatest in 24 hours	Date	Total snowfall (Unmelted)	With precip., 0.01 inch or more	Clear	Partly cloudy	Cloudy			
Maryland																					
Aberdeen, 4 miles SE.	Harford	57	29	36.8	-5.4	63	14	14	1	1.86	-1.41	0.46	14†	2.9	8	11	14	6	nw.	U. S. Army	
Annapolis	Anne Arundel	40	82	38.8	-4.5	67	14	25	4	0.90	-2.89	0.23	1	1.7	9	10	12	9	nw.	U. S. Navy	
Baltimore* (central)	Baltimore	14	77	40.4	-1.9	69	14	26	1	1.54	-2.17	0.56	1-2	2.8	8	9	15	7	sw.	U. S. Weather Bureau	
Baltimore Airport	Baltimore	16	13	39.4	-1.1	67	14	22	1	1.62	-2.09	0.39	13-14	2.3	9	11	12	8	sw.	U. S. Airport Station	
Belt†	Prince Georges	151	27	37.1	-6.8	70	14	11	1	1.42	-2.14	0.46	1-2	4.3	9	8	14	9	nw.	Bureau Plant Industry	
Beltsville, 1 mi. ESE	do.	120	10	40.0	-	67	15†	28	11†	3.35	-	1.02	1-2	13.5	8	16	7	8	nw.	J. B. Shepherd	
Blackwater†	Dorchester	5	7	38.8	-6.2	68	14	19	1	2.45	-1.45	0.95	1-2	11.3	9	16	7	8	sw.	National Wildlife Refuge	
Cambridge	do.	17	53	38.8	-6.2	68	14	19	1	2.45	-1.45	0.95	1-2	11.3	9	16	7	8	sw.	D'Arcy Harding	
Charlotte Hall, 2 1/2 mi. E	St. Marys	167	26	38.4	-6.3	67	24	19	1	1.87	-1.44	0.60	8	11.0	11	16	7	8	nw.	J. Burch Tennyson	
Chestertown, 14 mi. NW	Prince Georges	230	47	37.6	-6.9	69	14	15	1	1.20	-2.06	0.40	24	3.1	9	10	11	10	nw.	U. S. Magnetic Obs'y.	
Chesterdown	Kent	35	42	37.9	-5.2	66	14	18	1	1.36	-2.25	0.45	1-2	2.8	10	12	12	7	nw.	Mrs. M. C. Eliason	
Chesville, 2 1/2 mi. SE	Washington	630	50	34.6	-6.4	64	14	10	1	1.40	-1.67	0.46	13-14	5.0	8	6	17	8	nw.	D. Paul Oswald	
Clear Spring, 14 mi. NE	do.	560	48	38.5	-2.4	65	23	18	1†	1.61	-2.00	0.53	21-22	6.0	8	6	18	7	w.	Mrs. Leo A. Cohill	
Coleman†, 3 miles NW	Kent	80	50	39.7	-3.6	71	14	18	1	1.61	-2.00	0.55	1-2	3.7	7	12	13	6	nw.	Walter B. Harris	
College Park	Prince Georges	95	61	38.6	-5.3	71	14	15	1	1.38	-2.18	0.28	1-2	4.7	9	8	14	9	nw.	Russell G. Brown	
Conowingo Dam	Harford	40	12	35.8	-5.2	68	14	9	1	2.24	-1.16	0.74	13-14	2.0	8	12	13	6	nw.	Susquehanna Electric Co.	
Crisfield	Somerset	5	28	41.8	-5.7	59	24	28	1	1.93	-2.33	0.50	1-2	9.5	10	14	8	9	nw.	Grover C. Adams, Sr.	
Cumberland	Allegany	623	77	36.1	-4.4	67	23	15	1	1.18	-1.86	0.41	1-2	4.9	7	7	15	9	w.	W. H. Shockley	
Easton	Talbot	35	57	39.2	-5.1	66	14	19	1	1.68	-2.07	0.45	1-2	3.5	10	16	8	7	nw.	Clement E. Bray	
Edgemont†, 1 mile SW	Washington	920	9	37.6	-4.7	63	14†	13	1	1.98	-1.86	0.53	1-2	2.0	8	12	13	6	nw.	Lee G. Harne	
Elkton	Cecil	28	21	37.6	-4.7	63	14†	13	1	1.98	-1.86	0.53	1-2	2.0	8	12	13	6	nw.	H. W. Bouchelle	
Emmitsburg, 2 1/2 mi. SW	Frederick	720	81	37.3	-3.5	64	14	19	1	1.96	-2.05	0.81	13-14	4.3	8	7	16	8	nw.	Mt. St. Mary's Seminary	
Fallston	Harford	450	78	36.7	-3.6	67	14	16	1	1.81	-2.48	0.41	1-2	3.0	8	11	14	6	nw.	Miss Dora Curtiss	
Ferry Landing†, 1 1/2 mi. S	Calvert	120	31	38.9	-6.6	68	14	18	1	1.56	-1.92	0.31	13-14	7.0	10	16	6	9	nw.	Thos. J. Bourne	
Fort George G. Meade	Anne Arundel	195	6	41.2	-	71	14	19	1	1.36	-0.87	1-2	4.3	9	10	12	9	nw.	U. S. Army		
Frederick	Frederick	297	78	36.0	-6.4	65	14†	12	1	1.45	-1.96	0.67	13-14	3.0	8	5	16	10	nw.	D. J. Markey, jr.	
Frederick Airport†	do.	371	4	36.6	-	65	23	14	1	1.61	-	0.33	13-14	3.0	10	6	12	13	nw.	U. S. Weather Bureau	
Friendsville	Garrett	1,980	29	31.8	-7.3	60	23	11	1	1.84	-1.81	0.46	24-25	7.7	12	7	14	10	w.	S. Graft Haverstick	
Frostburg	Allegany	2,005	46	37.1	-	68	14	20	1	1.79	-	0.44	24-25	5.0	8	9	14	8	nw.	Ralph F. Staley	
Germanstown	Montgomery	460	7	37.1	-	68	14	20	1	1.79	-	0.44	24-25	5.0	8	9	14	8	nw.	John E. Hissett	
Great Falls†	do.	200	59	37.3	-6.4	70	13	12	1	1.62	-1.71	0.46	13-14	6.0	8	8	14	9	ne.	H. E. Kershner	
Hancock, No. 1	Washington	428	38	37.8	-	65	15†	28	6	1.46	-1.72	0.54	1-2	5.0	6	17	8	8	nw.	Charles O. Dunbar	
Hancock, No. 2	do.	428	14	34.6	-7.1	65	15†	28	6	1.49	-1.69	0.55	1-2	7.5	7	6	17	8	nw.	Elmer O. Bowen	
Huntingtown	Calvert	160	42	38.2	-6.6	68	14	20	1†	1.88	-1.88	0.40	8	10.2	10	16	7	8	nw.	Travis D. Knodel	
Keesville	Washington	420	44	37.0	-5.9	67	14	7	1	1.54	-1.45	0.47	1-2	5.0	8	5	17	9	nw.	Wallace S. Barnes	
La Plata	Allegany	950	10	35.9	-4.5	65	14	18	1	1.09	-1.76	0.40	8	9.0	11	13	10	8	nw.	J. G. Patrick	
Luke	Baltimore	840	23	35.9	-4.5	65	14	18	1	1.09	-1.53	0.33	1-2	5.0	9	6	11	13	w.	Chester L. Fulton	
Maryland Line	Kent	27	50	38.0	-5.9	63	14†	15	1	1.75	-2.14	0.60	1-2	6.0	6	11	13	5	w.	Henry L. Higman	
Millington	Garrett	2,420	50	28.0	-8.7	57	31	6	1	3.20	-0.83	0.88	14	32.8	17	3	6	22	w.	R. E. Weber	
Oakland, 1 mile SE	Worcester	10	9	39.8	-6.6	62	14	24	1	1.12	-1.90	0.34	1-2	4.5	8	16	8	7	nw.	U. S. Airway Station	
Ocean City	do.	10	11	39.8	-6.6	62	14	24	1	1.12	-1.90	0.34	1-2	4.5	8	16	8	7	nw.	Henry Wilcox	
Oxford	Talbot	10	11	39.8	-6.6	62	14	24	1	1.12	-1.90	0.34	1-2	4.5	8	16	8	7	nw.	Veterans Administration	
Perry Point	Cecil	40	7	39.8	-6.6	62	14	24	1	1.92	-	0.68	13-14	2.0	9	11	14	6	nw.	Veterans Administration	
Maryland (continued)																					
Picardy†, 3 miles NE	Allegany	1,030	21	35.9	-6.4	64	23	12	1	1.40	-1.62	0.60	1	6.0	6	7	15	9	w.	Oscar R. Day	
Prettyboy Dam†	Baltimore	780	17	34.9	-6.0	61	14†	16	1	2.06	-1.84	0.53	13	5.3	7	7	15	9	w.	C. W. Hendrix	
Ridgely	Caroline	67	57	38.4	-5.8	67	14	10	4	1.49	-2.13	0.53	1-2	1.7	10	14	12	6	nw.	William Vernon Blades	
Rock Hall	Kent	20	34	39.1	-5.1	68	14	16	1	1.12	-2.51	0.30	1	3.1	9	12	12	7	nw.	Geo. C. Simms	
Salisbury	Wicomico	10	41	40.6	-4.9	69	14†	19	1	2.02	-1.94	0.53	8	10.7	8	16	9	6	nw.	City of Salisbury	
Sines† (Deep Creek)†	Garrett	2,030	28	27.8	-7.7	57	31	3	1	2.67	-1.73	0.54	24	21.4	19	4	3	24	nw.	C. E. MacMurray	
Snow Hill	Worcester	20	32	39.8	-5.0	69	14	18	1	2.25	-1.89	0.50	8	11.3	12	11	5	15	w.	U. S. Airway Station	
Solomons	Calvert	20	66	40.0	-5.0	66	14	24	1†	1.89	-1.43	0.54	8	8.8	11	16	7	8	nw.	Chesapeake Biological L'b	
State Sanatorium	Frederick	1,460	39	32.6	-7.8	56	14	18	1	1.65	-2.17	0.50	13-14	5.0	8	7	16	8	nw.	J. E. Stout	
Takoma Park, No. 1	Montgomery	320	49	39.2	-4.6	71	14	20	1	1.41	-2.12	0.37	24-25	5.5	10	8	14	9	nw.	Guy L. Seaman	
Takoma Park, No. 2†	do.	250	3	37.8	-	71	14	15	1	1.30	-	0.33	24-25	5.3	10	8	14	9	s.	O. L. Harvey	
Tonoloway†	Washington	550	23	34.6	-6.8	64	13†	9	1	1.12	-2.01	0.48	1-2	5.8	6	6	17	8	nw.	American Fruit Growers	
Townson	Baltimore	475	36	37.8	-	64	13†	9	1	1.62	-2.21	0.52	1-2	2.6	7	10	13	8	nw.	S. Elmer Parks	
Unionville	Frederick	450	8	35.2	-6.6	64	22	11	1	2.03	-1.96	0.36	1†	11.5	11	12	14	5	nw.	G. Plitt Von Eiff, jr.	
Western Port	Allegany	1,000	54	35.6	-6.6	64	22	11	1	2.03	-1.96	0.36	1†	11.5	11	12	14	5	nw.	Norris Bruce	
Westminster	Carroll	770	38	36.4	-4.4	64	14†	13	1	1.68	-2.14	0.50	13-14	2.5	8	9	14	8	nw.	Harry J. Mathias	
Williamsport, 2 mi. NW	Washington	360	9	36.9	-4.7	67	14	8	1	1.48	-	0.58	13-14	6.0	7	8	14	9	nw.	R. C. Willson	
Woodstock	Baltimore	415	78	36.9	-4.7	67	14	8	1	1.41	-2.18	0.43	1-2	3.3	7	8	14	9	nw.	Woodstock College	
Dist. of Columbia																					
Washington†**	do.	72	77	40.2	-2.4	71	14	24	1	1.24	-2.51	0.41	1-2	3.4	10	6	14	11	nw.	U. S. Weather Bureau	
Delaware																					
Bridgeville, 1 mile W.	Sussex	45	57	38.0	-6.2	68	14	16	1	1.73	-2.15	0.80	1-2	6.2	9	17	8	6	nw.	William M. Ray	
Delaware City, 1 1/2 mi. SW	New Castle	15	61	38.1	-3.7	63	14	16	1	2.12	-1.20	0.75	1-2	1.6	8	12	13	6	nw.	James E. Maden	
Dover	Kent	34	60	38.4	-4.8	67	14	18	1	1.84	-2.25	0.87	1-2	3.0	7	13	13	6	nw.	Arthur G. Livingston	
Georgetown	Sussex	50	2	38.0	-	67															

Daily Precipitation for March 1947

Stations	Drainage basin	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 ¹	Atlantic.	.18	.20											.29	.46			T.				.22	.24	T.	.22	.05		T.	T.	T.	T.		1.86	
Annapolis ¹	do	.23	.13						T.					.17	.02		T.	T.				.07	.02		.12	.12		T.	.02	T.	T.		0.90	
Baltimore ¹	do	.31	.25						T.					.24	.21	T.	T.	T.				.10	T.		.15	.24		.04	T.	T.	T.		1.64	
Baltimore Airport ⁴	do	.29	.26						T.					.29	.23		T.	T.				.11	.02	T.	.18	.17		.07	T.	T.	T.		1.62	
Bell	do	.18	.46	T.					.05					.07	.18			T.	T.				.13	T.	.21	.11			.08	T.	T.		1.42	
Blackwater	do	T.	*	1.25					.50					*	.60									.35		.17	.05			.30			3.35	
Cambridge	do	.05	.95						.60					.22	.07								.22		.35				.30				2.43	
Charlotte Hall	do	*	.42						.60					.25	.05			T.				*	.05		.18	.11			.20				1.87	
Cheltenham ²	do	.26	.09						T.	.03				.22	.04			T.	T.				.06		.08	.32			.10				1.20	
Chestertown	do	.65	T.						T.					.22	.12			T.	T.			.08	.03	T.	.18	.05		T.	.03	T.	T.		1.36	
Chesville	do	.16	.36	T.					.33	.18				.33	.18	T.	T.	T.	T.			.01	.07	T.	.13			T.	T.	T.			1.40	
Clear Spring	do	.40	T.						.23	.22				.23	.22	T.	T.	.05				.09	.45	*	T.	T.		T.	T.	.08			1.61	
Coleman	do	.20	.55						T.					T.	.39								*		T.	.45			.02				1.61	
College Park	do	.18	.28						.04					.04	.25			T.				T.	.14	T.	.23	.13			.09				1.38	
Conowingo Dam ²	do	.40	.21						.74					.20				T.				T.	.10	T.	.13	.40			.06				2.24	
Crisfield	do	.07	.50	.08					.40					.07	.18						.07				.12	.02			.42				1.93	
Cumberland ²	do	.86	.05						.21					.23				T.						.19	.26		.08		.01				1.18	
Edgemont ²	do	.29	.18						.21					.05	.25	.05							.20		.18	.15			.09				1.68	
Elkton	do	.53	.04						.12	.47				.12	.47	.12						.21		.18		.33							1.98	
Emmitsburg	do	.43							*	.81				*	.81							*	.05		.24	.43							1.96	
Fallston	do	.07	.41						.30					.07	.30			T.	T.				.10	T.	.13	.22			.01				1.31	
Ferry Landing	do	.20	.29						.16	.15				.16	.15			T.				.04	.06		.20	.06	T.		.0				1.56	
Fort George G. Meade	do	.20	.37	T.					.01					.11	.14			T.				.10		.20	.16			.07					1.36	
Frederick	do	.09	.30		T.				.16	.51				.16	.51	T.		T.	T.				.06	T.	.17	.14		T.	T.	.02			1.45	
Frederick Airport ⁴	do	.17	.16	T.	T.				.56	.27	.01			.56	.27	.01		T.	.01			.09	.04	T.	.21	.09		T.	T.	T.	T.		1.61	
Frostburg	do	.19	.24						.18	.31	T.			.18	.31	T.		T.	.03			.04	.09		.20	.46	.09	.02					1.84	
Germantown	do	.20	.10						T.					.19	.38			T.				T.	.01		.27	.44		.20					1.79	
Great Falls ²	do	.35	.03						.03					.46	.07										.13	.28		.13					1.62	
Hancock No. 1 ²	do	.54												.53									.05		.15	.16		.05					1.46	
Hancock No. 2 ²	do	.55	.03											.53									.02		.15	.16							1.49	
Huntingtown	do	.11	.26						.40					.13	.16							.07	.06		.21	.28			.20				1.88	
Keedysville	do	.07	.47						.21	.22				.21	.22			T.	T.				.07		.22	.26	T.			.02			1.54	
La Plata	do	.16	.24	.01					.40					*	.20							.06	.07		*	.30			.20				1.63	
Luke ²	do	.33	T.	.04					.17	T.				.17	T.			T.	T.				.02	.03		.15	.27	T.	.03		.05		1.09	
Maryland Line	do	.20	.40						.12	.17				.12	.17			T.					.21		.35	.45			T.				1.47	
Millington	do	.20	.60	T.					.22	.11				.22	.11			T.					.21		.35	.06			T.		T.		1.75	
Oakland	Ohio.	.12	.32	.35	.15	.08			.04	.07				.38				.36	.25			.10	.35		.13	.14	.16	.08		.10			3.20	
Oxford	Atlantic.	.09	.34	.04					.17					.05	.21										.13				.09				1.12	
Perry Point	do	.04	.10	.30					.18	.68				.18	.68								.19	T.	.24	.08				.11			1.92	
Picardy	do	.50	.10						.40					.40								T.		.20	.20								1.40	
Prettyboy Dam	do	.53							.53					.53										.19	.33				.02				2.06	
Ridgely	do	.02	.53	.02					.02					.05	.27								.26		.14	.16			.02				1.49	
Rock Hall	do	.30	.20	.08					T.					.09	.21								.12		.13	.03			.01				1.12	
Salisbury	do	T.	.48	.10					.53					.01	.18						T.		.29		.16				.27				2.02	
Sines ¹	Ohio.	.14	.19	.13	.03				T.	.02				.06	.28	T.	.05	.02	.04			.01	.20	.25	.04	.54	.13	.04	.14		.06		2.67	
Snow Hill ³	Atlantic.	.28	.25						.50					.12	.16							.11	.22	.06	.11	.02		.25	.15				2.25	
Solomons	do	.12	.41	.01					.54					.12	.06			.02			T.	T.	.09	T.	.18	.18		.25	.16				1.49	
State Sanatorium	do	.10	.40						.30	.20				.30	.20			T.				.01	.07		.20	.25	T.						1.63	
Takoma Park, No. 1	do	.37							.05					.13	.17							.05	.07		.27	.10	T.		.20				1.41	
Takoma Park, No. 2	do	.17	.21						.03					.15	.18			T.				.02	.11		.22	.11	T.		.10				1.30	
Tonoloway	do	.16	.32						.38	.07				.38	.07							.02		.17		.12							1.12	
Towson ²	do		.52						.52	.13				.52	.13			T.	T.				.15		.12	.28							1.52	
Unionville	do								.20	.08	.05			.20	.08	.05								.20	.35	.05	.10		.05				2.03	
Western Port	do	.35	.30	.30					.44	.50				.44	.50							.09		.11	.21					.01			1.08	
Westminster ²	do	.17	.15						.40	.20				.55	.03								.09	T.	.13	.11	T.						1.48	
Williamsport ²	do	.40	.20						.14	.29				.16	.34							.05		.21	.22	T.		T.	T.	T.			1.41	
Woodstock	do	.29	.12					.03						.21	.11			T.	T.			.10	T.	T.	.21	.10	T.	.06	.01				1.24	
Washington, D. C. 1 ¹	do																																	
Delaware																																		
Bridgeville	Atlantic.	.03	.50	.02					.20					.02	.23	T.							.20		.14				.09				1.73	
Delaware City	do	*	.90						.45	.15				.45	.15								.42	.										

Daily Temperatures for March 1947—Continued

Stations (Maryland)	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	
Aberdeen.....	Maximum	35	37	35	37	41	44	42	36	40	41	46	50	50	63	54	44	41	38	42	50	54	47	59	59	58	36	42	45	55	47	48	45.5
Minimum	14	30	26	25	28	27	27	28	25	26	27	24	23	43	36	29	28	24	21	21	27	34	29	46	38	28	26	28	29	31	27	28.1	
Annapolis.....	Maximum	34	37	35	40	42	46	41	35	42	38	46	45	46	67	48	42	42	42	41	45	48	47	62	62	53	35	41	44	60	49	45	45.3
Minimum	26	31	30	25	32	31	30	27	29	29	30	30	32	45	39	32	31	29	30	30	36	37	35	45	37	29	29	29	34	36	32	32.2	
Baltimore (U.S.W.B.).....	Maximum	34	38	37	40	45	47	44	38	43	44	48	52	51	69	57	45	42	40	43	50	51	49	65	65	56	38	43	46	57	48	47.5	
Minimum	26	31	30	28	32	30	34	30	28	31	33	32	34	46	39	33	31	29	31	31	40	38	38	51	55	38	44	46	56	48	48	46.8	
Baltimore Airport.....	Maximum	35	37	36	39	43	45	44	37	42	43	46	51	50	67	54	45	41	40	43	49	51	48	64	62	55	38	44	46	56	48	49	48.9
Minimum	22	31	28	26	31	30	32	28	28	30	32	30	32	40	38	31	32	28	29	29	31	37	36	48	48	36	29	30	32	35	30	31.9	
Bell.....	Maximum	39	39	38	42	44	46	45	42	43	46	51	55	50	70	60	57	44	44	45	52	52	50	66	65	45	43	47	61	59	55	50.3	
Minimum	11	28	27	24	27	24	18	26	17	22	16	17	19	40	27	20	25	23	15	17	24	32	22	48	43	26	19	24	21	21	19	23.9	
Blackwater.....	Maximum	36	36	39	41	44	46	45	40	40	44	46	48	51	65	67	67	64	42	40	46	50	50	63	64	53	42	44	48	63	64	51	49.6
Minimum	28	32	27	26	30	26	25	27	25	26	23	31	39	45	41	36	31	23	23	26	26	35	37	37	30	27	29	31	33	28	34	30.5	
Cambridge.....	Maximum	40	38	37	42	42	45	43	36	40	42	46	50	53	68	59	48	47	42	42	47	54	46	61	63	60	42	43	49	63	58	51	48.1
Minimum	19	31	24	24	31	29	26	29	27	26	23	29	25	49	29	34	31	23	25	26	27	36	26	47	40	29	28	30	28	33	30	29.5	
Charlotte Hall.....	Maximum	40	36	38	42	44	45	45	44	46	44	48	51	48	66	67	62	45	45	44	48	45	50	63	67	62	44	44	40	62	60	53	49.1
Minimum	19	29	24	22	27	26	27	25	18	24	25	25	25	42	32	26	28	27	22	25	29	37	30	41	43	28	22	28	31	35	27	27.7	
Cheltenham.....	Maximum	34	35	36	40	42	45	43	36	42	45	49	53	57	69	59	48	44	44	43	50	52	48	65	66	50	39	42	46	61	49	54	47.9
Minimum	15	29	27	18	25	26	25	29	21	25	23	23	23	38	32	25	28	28	21	23	28	33	26	37	45	29	24	25	29	36	27	27.2	
Chestertown.....	Maximum	38	37	37	43	47	47	47	35	44	46	50	52	54	66	56	46	48	41	42	49	53	49	61	65	38	41	46	57	49	52	47.5	
Minimum	18	30	29	37	43	47	47	47	28	32	34	36	36	52	44	32	28	30	28	30	28	38	30	48	37	27	28	31	47	55	47	48.3	
Chewsville.....	Maximum	32	32	31	35	38	42	40	36	39	40	46	50	46	64	55	40	36	37	44	50	45	43	63	60	59	33	39	44	55	52	43	44.5
Minimum	10	27	25	24	24	13	31	26	16	23	18	20	30	35	31	26	24	16	19	20	26	31	25	47	32	23	24	21	27	28	18	24.6	
Clear Spring.....	Maximum	37	35	38	38	40	46	46	41	42	36	48	52	48	64	58	40	35	38	48	51	51	56	65	62	58	56	58	54	52	60	48.7	
Minimum	18	24	21	20	27	23	28	26	24	28	22	22	29	28	53	27	23	18	22	24	28	34	38	37	30	26	38	36	34	36	28	28.3	
Coleman.....	Maximum	36	37	37	40	44	47	48	41	45	48	52	57	55	71	60	52	43	45	55	45	56	63	66	66	61	42	45	50	58	56	50.8	
Minimum	18	28	27	25	27	26	27	27	24	25	26	26	27	42	38	29	29	26	25	24	31	30	30	46	38	27	27	27	31	33	25	28.6	
College Park.....	Maximum	39	37	37	41	43	45	44	41	41	44	50	54	58	71	61	59	45	48	46	52	52	48	65	65	65	43	47	60	56	55	49.8	
Minimum	15	30	28	25	30	26	29	26	24	24	27	21	22	41	33	28	28	27	19	21	29	34	25	49	42	27	24	26	25	34	22	27.5	
Conowingo Dam.....	Maximum	35	36	37	38	41	44	41	36	40	41	45	49	54	63	55	42	40	39	43	49	51	45	60	62	48	36	42	55	56	44	45.3	
Minimum	9	19	18	25	25	25	23	26	20	22	23	23	21	30	34	30	27	26	21	21	27	36	28	45	44	25	26	29	30	31	23	26.2	
Crisfield.....	Maximum	44	48	41	42	43	47	46	47	45	48	50	52	58	57	56	53	51	49	48	49	51	57	59	58	52	48	48	53	54	53	49.9	
Minimum	30	35	32	37	43	47	47	47	32	39	31	32	30	48	37	36	34	34	29	35	32	35	36	47	46	32	30	32	35	38	33	38.6	
Cumberland.....	Maximum	30	35	32	37	43	47	47	42	38	49	55	55	62	53	48	37	39	48	47	54	45	46	67	61	38	32	38	47	55	47	45.5	
Minimum	15	19	24	25	26	26	28	28	26	28	24	22	26	30	35	27	25	25	22	23	28	35	31	46	22	24	22	27	26	27	26.7		
Easton.....	Maximum	38	36	38	41	43	45	44	41	41	43	48	50	53	66	59	54	49	41	42	46	54	48	61	61	45	42	45	60	58	50	48.3	
Minimum	19	30	27	26	28	29	27	25	25	29	25	28	24	44	30	31	31	30	33	25	27	36	28	50	43	27	27	30	32	37	29	30.0	
Elkton.....	Maximum	33	34	36	40	42	45	44	35	42	45	49	53	52	63	58	48	41	41	51	55	49	59	63	60	57	39	42	46	54	53	47.9	
Minimum	13	29	28	25	27	25	24	27	24	25	23	23	22	40	30	25	27	25	20	28	35	39	27	38	38	26	25	27	26	33	24	27.4	
Emmitsburg.....	Maximum	34	29	34	36	40	45	42	40	39	42	43	49	46	64	56	57	48	38	45	48	45	63	61	58	43	39	44	54	55	51	46.3	
Minimum	19	27	27	25	27	27	31	26	25	27	29	27	28	38	34	27	26	23	20	24	36	35	30	46	36	24	25	24	40	29	24	28.3	
Fallston.....	Maximum	33	35	35	36	40	42	41	37	40	42	46	50	50	67	54	49	40	39	42	51	53	47	60	59	57	39	42	45	53	50	52	46.0
Minimum	16	28	26	23	25	24	27	26	22	24	26	28	27	39	38	26	25	23	24	32	33	28	48	37	25	23	25	30	29	24	27.4		
Ferry Landing.....	Maximum	37	37	38	42	43	49	47	40	43	47	51	51	49	68	59	51	45	47	42	48	53	49	64	65	62	42	43	47	62	59	53	49.5
Minimum	18	30	26	22	29	26	27	25	21	26	25	23	24	43	33	28	28	24	26	29	32	30	47	40	28	22	25	29	35	28	28.3		
Fort George G. Meade.....	Maximum	36	39	39	41	46	47	47	43	47	48	53	57	54	71	61	60	45	46	47	53	54	51	67	67	58	48	41	48	61	61	55	51.8
Minimum	19	31	31	29	39	29	31	32	28	30	32	38	36	26	49	38	27	30	29	29	32	32	31	37	31	29	29	36	32	31	27	41.1	
Frederick.....	Maximum	33	35	34	37	41	45	43	38	41	44	48	53	51	65	58	42	40	41	47	52	48	46	65	64	59	38	41	47	55	54	47.2	
Minimum	12	27	26	25	27	20	29	27	19	27	19	19	20	37	31	27	26	25	19	18	33	34	25	45	27	25	25	24	26	29	17	25.5	
Frederick Airport.....	Maximum	32	34	34	37	39	44	42	37	40	43	47	51	47	64	57	49	41	40	45	52	47	43	65	62	55	35	42	47	55	47	54	45.8
Minimum	14	27	27	26	28	24	30	25	24	27	24	23	25	36	32	28	27	25	22	22	35	32	32	47	31	26	25	2					