

U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU

IN COOPERATION WITH MARYLAND STATE WEATHER SERVICE

CLIMATOLOGICAL DATA

15

MARYLAND AND DELAWARE SECTION

G. N. BRANCATO

PRICE: 5 CENTS A COPY; 25 CENTS A YEAR

VOL. LI

BALTIMORE, MD., FEBRUARY 1947

No. 2

GENERAL SUMMARY

This month was cold, dry and windy. It was the coldest February since 1936 and the third coldest since 1914. The mean temperature was 3.6 degrees below the normal but individual stations varied from about 1.5 degrees below normal in portions of Washington and Somerset Counties to about 9 degrees below normal in parts of Garrett County. Other areas having large departures were Charles, Prince Georges, and Allegany Counties in Maryland, all generally about 6 degrees below normal. The month opened with near normal temperatures. The coldest weather of the month, and thus far for the winter, swept in on the 4th with temperatures on the 5th dropping to near or below zero as far east as Montgomery, Carroll and northern Baltimore Counties, Maryland. Another cold period occurred on the 9th, and the last eight to ten days were generally below normal. Brief mild periods occurred during the first and middle portions of the month.

Precipitation for the month averaged 1.61 inches, making this the third driest February in more than fifty years of record, and the driest since 1937. The light precipitation was very well distributed through the section and through the month. The least departures occurred in western and northern counties and the greatest deficiencies occurred in the Del-Mar Peninsula. Sines, Maryland, was the only station which reported above normal precipitation. Practically all the precipitation over the section occurred as snow or sleet. Light snow was fairly general on the 4th. The snowfall of the 8th varied from almost none in some areas to about 4 inches in northeastern Maryland and extreme northern Delaware. The heaviest snowfall of the month occurred on the 20th and 21st and accounted for well over half of the month's precipitation. Depths ranged from about 2 inches over extreme eastern Maryland and extreme eastern Delaware to 14 inches at Oakland, Cumberland, Frostburg, Western Port, Westminster, and Pretty Boy Dam, all in Maryland, and to 15 inches at Sines and Picardy, in Maryland. Strong northwest winds swept the section during the periods of snowfall, causing high drifts to form which blocked some highways for several days, particularly in the northeastern and western portions of Maryland. At Baltimore, the wind velocity for February averaged over 50 percent higher than normal.

From the 22d to the end of the month there was no measurable precipitation over the section except in western counties where there were flurries and light snowfall. Farm activities proceeded well during the first 20 days. Sunshine was above normal during this period. Snow provided a protective covering for green grains during the extreme weather. During the last 8 to 10 days, much time was spent in opening roads.

TEMPERATURE

The monthly mean temperature for the section was 29.7 degrees, 3.6 degrees below normal. The highest monthly mean temperature, 37.7 degrees, was recorded at Crisfield, Maryland, and the lowest, 19.5 degrees at Oakland, Maryland. The highest temperature recorded during the month was 64 degrees at Crisfield on the 1st, and the lowest, 7 degrees below zero, occurred at Oakland on the 5th. The greatest local monthly range was 61 degrees at Western Port, Maryland, and Tonoloway, Maryland, where maximum temperatures of 63 degrees were recorded on the 14th and minima of 2 degrees on the 5th. Picardy also had a range of 61 degrees with a maximum of 62 degrees on the 14th and a minimum of 1 degree on the 5th. The lowest monthly range in temperature was 40 degrees at Annapolis where the highest reading was 48 degrees on the 17th and the lowest was 8 degrees on the 5th.

PRECIPITATION

The average February precipitation for Maryland and Delaware was 1.61 inches, which was 1.34 inches below normal. The greatest amount reported during the month was 3.73 inches at Sines, and the least was 0.90 inch at Luke. The greatest 24-hour amount was 1.71 inches at Fort George G. Meade on the 20th-21st. Snowfall averaged 13.2 inches over the section as compared to the normal amount, 6.9 inches. The greatest monthly snowfall was 44 inches at Sines, but the greatest 24-hour amount, 17.0 inches, occurred at Keedysville on the 20th-21st. The lowest monthly amount of snowfall was 2 inches at Snow Hill.

MEMORIAL

Mr. James R. Stewart, Cooperative Observer at Princess Anne, Maryland, from July 1894 until ill health forced his retirement in March, 1943, died February 13, 1947. His interest in Weather continued until his death. He filled his position with unusual distinction for almost half a century. Only a very few of the country's five thousand Cooperative Observers had such a distinguished record. At the time of his retirement, he was the oldest Observer in point of service in the Maryland-Delaware section. Due to the completeness, accuracy, and legibility of his reports, he was asked to prepare special copies for display in the Weather Bureau Exhibit at the Paris World's Fair.

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.	30.55	12	29.31	4	13.2	38	sw.	9	69	58	70	1020	568
Annapolis, Md.	30.64	12	29.39	4	13.3	38	sw.	9	69	58	61	1020	568
Baltimore, Md.	30.63	18	29.64	5	13.3	38	sw.	9	69	58	61	1020	568
Elkins, W. Va.	30.56	12	29.44	7	11.2	34	nw.	2	82	69	75	81	1221
Harrisburg, Pa.	30.52	12	29.42	7	11.2	34	nw.	4	68	52	57	69	1049
Norfolk, Va.	30.49	12	29.33	4	11.4	32	nw.	4	69	45	61	72	782
Philadelphia, Pa.	30.49	12	29.29	4	9.6	25	ne.	20	79	56	64	68	978
Pittsburgh, Pa.	30.54	12	29.40	6	13.4	31	sw.	9	79	67	69	47	1102
Washington, D. C.	30.51	12	29.44	4	10.5	32	w.	22	61	42	46	74	938

COMPARATIVE DATA FOR FEBRUARY

Year	FOR MARYLAND						FOR DELAWARE					
	Temperature			Precipitation			Temperature			Precipitation		
	Mean	Highest	Lowest	Average	Average snowfall	No. of days or more	Mean	Highest	Lowest	Average	Average snowfall	No. of days or more
1895	24.5	67	-18	1.26	11.1	5	24.7	62	-4	1.61	11.3	6
1896	34.5	66	-12	5.34	2.7	9	35.8	66	0	6.31	1.0	10
1897	34.6	68	0	5.47	7.9	10	36.0	59	10	5.12	2.7	10
1898	33.4	70	-6	1.58	2.1	5	36.0	65	0	2.00	T.	5
1899	26.1	75	-26	5.30	28.8	12	27.7	65	-14	6.15	30.3	13
1900	31.7	72	-15	4.74	8.8	9	33.1	69	3	4.24	10.0	11
1901	27.3	69	-6	0.70	3.2	4	28.2	52	1	1.00	1.0	3
1902	27.3	68	-17	4.51	6.0	8	28.9	62	6	4.82	12.8	8
1903	35.6	73	-12	4.87	5.9	10	37.2	69	-1	5.57	2.5	10
1904	27.0	70	-15	1.73	3.7	7	28.3	65	-1	2.25	8.0	6
1905	25.3	58	-20	2.65	10.1	9	26.4	53	-6	4.07	5.6	10
1906	33.1	68	-15	2.42	5.7	7	34.6	68	-5	3.71	4.4	8
1907	27.9	59	-29	2.35	16.0	10	29.1	57	-5	2.38	10.6	8
1908	29.8	68	-15	4.16	14.7	7	32.1	68	3	4.30	4.1	8
1909	41.6	75	-4	3.55	4.8	11	43.3	76	7	3.50	2.4	11
1910	32.9	74	-6	2.41	5.2	9	36.1	73	8	1.46	3.2	7
1911	35.3	74	8	1.92	7.1	9	36.4	68	17	2.03	5.6	8
1912	29.3	65	-18	2.49	1.8	7	31.4	68	5	2.81	0.5	7
1913	34.1	72	0	1.46	2.3	7	36.0	73	12	1.74	0.9	7
1914	28.3	68	-28	2.81	14.9	9	31.4	64	1	2.62	10.0	8
1915	37.1	72	-15	4.38	2.4	8	39.7	72	15	4.22	1.7	8
1916	31.9	69	-11	3.27	7.9	9	32.9	67	2	3.52	5.0	9
1917	31.6	76	-18	2.18	7.1	8	31.7	69	-1	2.29	2.7	8
1918	33.6	70	-15	1.56	2.4	6	33.4	71	-10	1.17	1.4	6
1919	35.5	70	-3	2.36	3.2	10	36.2	69	14	2.89	0.4	9
1920	31.4	62	-5	3.97	12.5	13	31.8	58	1	5.44	7.3	10
1921	37.7	77	-15	2.86	9.8	10	38.2	71	10	3.33	7.0	10
1922	37.2	79	-11	3.14	7.0	12	37.8	73	1	3.88	8.9	11
1923	30.7	70	-9	2.79	6.9	11	30.9	61	6	2.91	9.0	11
1924	32.3	68	-13	3.44	11.1	9	33.3	67	12	3.76	8.0	8
1925	40.8	75	-2	1.54	0.1	7	43.0	74	13	2.18	T.	7
1926	34.2	68	-5	3.99	16.2	12	35.5	65	8	3.92	11.9	10
1927	39.9	73	15	3.86	8.4	11	40.9	69	22	3.57	3.6	8
1928	35.4	66	0	2.78	1.2	9	36.1	63	9	3.20	1.2	9
1929	32.7	72	1	3.57	11.0	9	35.0	71	11	4.65	8.5	10
1930	39.2	85	-20	2.06	2.8	9	40.2	82	-3	2.04	3.1	10
1931	36.5	65	7	1.69	0.8	8	37.8	62	14	1.54	0.2	7
1932	40.5	68	8	2.31	0.2	8	40.8	79	15	2.70	T.	8
1933	35.9	70	-8	2.93	7.7	11	38.1	63	8	3.68	9.3	10
1934	22.5	60	-25	2.80	18.0	9	23.0	57	-15	4.12	20.1	9
1935	33.0	69	-12	2.63	6.8	9	34.2	64	-4	3.30	5.3	8
1936	26.6	70	-20	3.73	15.2	10	27.6	68	-3	4.57	13.6	10
1937	34.6	72	0	3.25	8.8	12	36.8	69	14	2.78	5.8	12
1938	38.8	76	4	2.52	2.1	9	39.6	72	15	2.61	2.3	8
1939	39.4	76	0	5.15	1.4	12	41.2	75	13	5.70	T.	12
1940	34.2	66	-4	2.93	8.1	11	34.6	64	2	3.00	7.9	11
1941	31.3	60	-10	1.35	5.4	6	32.1	56	11	2.11	6.5	6
1942	31.8	66	-9	2.13	2.3	6	32.7	55	7	2.10	1.1	5
1943	36.1	75	-15	1.95	2.2	9	36.9	72	0	2.36	1.1	11
1944	35.7	72	0	2.61	5.0	11	36.0	69	10	2.11	3.4	11
1945	35.1	70	-11	3.08	4.8	10	35.6	68	2	3.55	5.6	11
1946	36.7	76	2	2.43	7.2	10	37.9	76	-11	2.30	2.2	9
1947	29.6	64	-7	1.64	13.7	5	30.5	58	2	1.41	9.9	5
Period	33.2	88	-29	2.92	7.2	9	34.4	82	-15	3.21	5.6	9

Climatological Data for February 1947

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	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	28.6	-5.0	50	47	6	5	1.21	-1.56	0.63	20-21	14.4	5	12	12	4	U. S. Army
Annapolis	Anne Arundel	40	82	30.4	-4.5	48	17	8	5	1.77	-1.49	1.04	20	9.8	4	9	15	4	U. S. Navy
Baltimore (central).	Baltimore	14	77	31.8	-3.9	55	14	6	5	1.87	-1.52	1.53	20-21	12.5	5	8	15	5	U. S. Weather Bureau
Baltimore Airport.	Baltimore	16	13	30.8	-4.9	53	14	8	5	1.93	-1.46	1.41	20-21	13.4	6	19	5	4	U. S. Airport Station
Bell	Prince Georges.	151	27	30.2	-5.1	57	17	3	24	1.68	-1.21	0.89	20-21	12.5	4	10	12	6	Bureau Plant Industry
Beltsville, 1 mi. ESE.	Dorchester.	5	7	33.2		60	1	5	5	1.10		0.53	4	6.7	5	14	10	4	J. B. Shepherd
Blackwater.	do.	17	53	32.0	-4.2	53	47	9	5	1.25	-2.15	0.60	4	8.5	4	13	11	4	National Wildlife Refuge
Cambridge.	St. Marys	167	26	31.6	-3.0	55	15	5	5	1.50	-1.71	0.64	20	8.0	4	14	5	6	D. Arcey Harding
Charlotte Hall, 2 1/2 mi. E	Prince Georges.	230	47	28.7	-6.5	55	147	5	4	1.45	-1.36	1.08	20-21	11.7	4	10	12	6	J. Burch Tenyson
Chestertown.	Kent.	35	42	30.4	-2.7	55	4	7	5	1.71	-1.82	0.67	20-21	12.5	4	12	12	4	U. S. Magnetic Obs'y.
Cheswille, 1/2 mile SE.	Washington	630	60	27.6	-3.6	58	15	2	5	1.24	-0.97	0.70	20	12.2	5	8	15	5	Mrs. M. C. Eliason
Clear Spring, 1 1/2 mi. NE	do.	560	48	29.0	-1.6	59	14	2	5	1.74	-0.88	0.70	20-21	17.4	6	8	14	6	D. Paul Oswald
Coleman II, 3 miles NW	Kent.	80	50	31.6	-2.3	54	47	5	5	1.80	-1.70	0.70	20-21	14.0	4	12	12	4	Mrs. Leo A. Cohill
College Park	Prince Georges.	95	61	31.4	-3.4	56	14	6	5	1.27	-1.81	0.48	20-21	11.5	4	10	12	6	Walter B. Harris
Conowingo Dam.	Harford	40	12	27.6	-4.1	48	14	4	5	1.94	-0.82	1.51	20-21	15.7	5	11	13	4	Russell G. Brown
Crisfield.	Somerset	5	28	37.7	-1.5	64	1	3	5	1.50	-2.15	0.60	19-20	5.0	3	15	7	6	Susquehanna Electric Co.
Cumberland.	Allegany	623	77	27.8	-5.4	63	14	3	5	1.55	-1.66	0.95	20-21	15.6	4	7	15	6	Grover C. Adams, Sr.
Easton.	Talbot	35	57	31.8	-3.4	55	4	7	5	1.55	-1.66	0.95	20-21	15.6	4	7	15	6	W. H. Shockley
Edgemont II, 1 mile SW	Washington.	920	9							1.36		1.20	20-21	13.0					Clement E. Bray
Elkton.	Cecil.	28	21	29.4	-4.0	48	77	4	5	2.24	-0.73	1.20	20-21	17.0	4	13	12	3	Lee G. Harne
Emmitsburg, 2 1/2 mi. SW	Frederick.	720	81	29.4	-3.0	55	15	2	6	1.61	-1.44	1.24	20-21	14.9	4	8	14	6	H. W. Bouchelle
Fallston.	Harford	450	78	29.0	-3.1	53	14	3	5	1.51	-1.84	1.08	20-21	14.5	4	13	12	3	Mt. St. Mary's Seminary
Ferry Landing II, 1 1/2 mi S	Calvert	120	31	32.0	-4.8	55	15	5	5	1.70	-1.04	1.35	20-21	10.5	4	13	10	5	Miss Dora Curtiss
Fort George G. Meade.	Anne Arundel	185	6	32.5		59	14	9	5	2.08		1.71	20-21	15.5	4	10	13	5	Thos. J. Bourne
Frederick.	Frederick	287	78	29.0	-4.4	57	14	5	5	1.60	-1.30	0.78	20	13.0	4	8	15	5	U. S. Army
Frederick Airport I.	do.	371	4	28.6		56	14	4	5	1.84		1.10	20	12.1	5	6	15	7	D. J. Markey, jr.
Friendsville.	Garrett.	1,980	29																U. S. Weather Bureau
Frostburg.	Allegany.	2,005	46	23.6	-7.1	55	14	5	5	2.39	-0.27	0.81	20	28.2	12	6	14	8	S. Graft Haverstick
Germantown.	Montgomery.	460	7	29.4		55	14	8	5	1.45		0.65	20	15.0	4	10	13	5	Ralph F. Staley
Great Falls II.	do.	200	59	30.2	-3.6	59	14	1	24	1.65	-1.04	1.10	20-21	13.0	3	10	13	5	John E. Hissett
Hancock, No. 2.	Washington	428	38	27.4	-2.1	62	14	2	5	1.21	-0.96	1.12	20-21	13.6	4	7	15	6	Charles O. Dunbar
Hancock, No. 1.	do.	428	14							1.38	-0.79	1.30	20-21	13.5					H. E. Kershner
Huntingtown.	Calvert	160	12	31.1	-5.9	54	157	4	5	1.21	-1.46	0.62	20-21	7.5	4	14	9	5	Elmer O. Bowen
Keedysville.	Washington	420	44	29.8	-3.4	60	14	4	5	1.82	-0.62	1.66	20-21	18.0	4	8	15	5	Travis D. Knode
La Plata.	Charles	190	33	31.2	-6.1	57	147	5	5	1.20	-1.77	0.40	19-20	10.0	6	14	8	6	Wallace S. Barnes
Luke.	Allegany	950	10							0.90	-0.91	0.81	20-21	11.3					J. G. Patrick
Maryland Line.	Baltimore	840	23	27.8	-4.4	56	14	0	5	1.95	-0.85	1.40	20-21	16.5	4	11	11	6	Chester L. Fulton
Millington.	Kent	27	60	30.8	-3.4	56	4	7	5	1.75	-1.48	0.72	20-21	15.0	4	14	9	5	Henry L. Higman
Oakland, 1 mile SE.	Garrett.	2,420	60	19.5	-8.9	52	14	-7	5	3.15	-0.20	0.82	20	35.8	19	4	8	16	R. E. Weber
Ocean City.	Worcester	10	9																U. S. Airway Station
Oxford.	Talbot	10	11	33.4	-4.3	57	1	10	5	1.27	-1.15	0.45	20-21	9.0	4	14	10	4	Henry Wilcox
Perry Point.	Cecil	40	7							1.43		0.80	20-21	15.5	4	12	12	4	Veterans Administration
Piedmont																			
Picardy II, 3 miles NE.	Allegany.	1,080	21	23.2	-5.7	62	14	1	5	1.40	-0.63	1.80	20-21	16.0	4	7	15	6	Oscar R. Day
Prettyboy Dam II.	Baltimore	780	17	27.8	-4.0	55	14	0	5	1.94	-0.82	1.36	20-21	16.5	4	14	9	4	C. W. Hendrix
Ridgely.	Caroline	67	57	31.5	-3.4	55	4	8	57	0.95	-2.15	0.34	4	9.0	4	14	9	5	William Vernon Blades
Rock Hall.	Kent.	20	34	31.6	-3.2	52	4	8	5	1.38	-1.79	0.93	20-21	13.5	4	12	12	4	Geo. C. Simms
Salisbury.	Wicomico	10	41	34.6	-3.2	60	1	9	5	1.14	-2.09	0.60	4	5.0	4	14	10	4	City of Salisbury
Sines (Deep Creek) II.	Garrett.	2,080	23	20.2	-7.5	52	14	-5	5	3.73	+0.29	0.99	20	44.0	16	5	5	13	C. E. MacMurray
Snow Hill.	Worcester	20	32	33.0	-4.6	61	15	10	5	1.63	-1.88	1.04	20	2.0	3	14	7	7	U. S. Airway Station
Solomons.	Frederick	1,450	29	34.0	-2.4	56	1	9	5	1.84	-1.05	0.90	19-20	4.6	5	14	9	5	Chesapeake Biological Lab
State Sanatorium.	Montgomery.	320	49	31.5	-2.5	56	14	5	5	1.92	-0.89	1.60	20-21	18.2	5	8	14	6	J. E. Stout
Takoma Park, No. 1.	do.	230	3	30.4		54	14	5	5	1.63	-1.29	1.20	20-21	13.5	4	10	12	6	Guy L. Seaman
Takoma Park, No. 2 II.	do.	320	3	30.4		54	14	5	5	1.55		1.21	20-21	13.7	4	10	12	6	O. L. Harvey
Tonoloway II.	Washington	550	23	27.4	-6.0	63	14	2	5	1.20	-0.90	1.10	20-21	12.0	4	7	15	6	American Fruit Growers
Towson.	Baltimore	475	36							1.87	-1.55	0.92	20-21	15.0	3	11	12	5	S. Elmer Parks
Unionville.	Frederick	460	8	26.8		53	15	4	5	1.79		0.75	20	15.0	4	10	12	6	G. Plitt Von Eff, jr.
Western Port.	Allegany	1,000	54	27.2	-5.5	63	14	2	5	1.82	-0.48	1.00	20	17.5	5				Norris Bruce
Westminster.	Carroll	770	38	28.8	-3.0	58	14	1	5	2.38	-0.61	1.40	20-21	20.0	8	10	13	5	Harry J. Mathias
Williamsport, 2 mi. NW	Washington	360	9							1.62		1.42	20-21	14.5	4				R. C. Willson
Woodstock.	Baltimore	415	78	29.2	-4.0	56	14	5	5	1.80	-1.72	0.87	20-21	9.4	4	10	14	4	Woodstock College
District of Columbia																			
Washington	do.	72	77	31.7	-3.6	57	14	7	5	1.65	-1.62	1.23	20-21	12.6	6	8	11	9	U. S. Weather Bureau
Delaware																			
Bridgeville, 1 mile W.	Sussex	45	57	30.4	-5.0	57	4	6	5	1.07	-2.25	0.33	19-20	6.0	4	15	9	4	William M. Kay
Delaware City, 1 1/2 mi. SW	New Castle.	15	61	30.2	-3.8	52	4	2	5	1.41	-1.84	0.80	20-21	12.0	4	14	10	4	James E. Maden
Dover.	Kent	34	60	31.8	-3.7	55	1	6	5	1.08	-2.17	0.55	20-21	10.0	5	14	10	4	Arthur G. Livingston
Georgetown.	Sussex	60	2	31.6		57	4	7	5	1.01		0.64	20-21	4.7	4	15	8	5	E. F. Turner
Lewes.	do.	10	8	30.9		55	15	7	5	1.74		0.58	20	4.1	7	15	9	4	E. Elwood Lynch
Millsboro.	do.	20	55	32.8	-3.0	58	17	8	5	1.44	-2.13	0.60	20	5.0	4	15	8	5	Preston C. Townsend
Newark.	New Castle.	110	16																G. C. Price
Newark II, 1 1/2 mile SW.	do.	110	35	28.8	-1.0	53	4	5	5	1.70	-1.39	1.08	20-21	15.5	5	14	10	4	Fred. Collins
Wilmington.	do.	42	54							1.79	-1.43	1.00	20-21	17.9	6	14	10	4	Street Department
Wilmington II, 2 mi. NE	do.	260	36	27.8	-5.9	49	4	8	67	1.47	-1.60	0.96	20-21	13.5	6	14	10	4	Water Department
Means and extremes:																			

Daily Precipitation for February 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.		T.		.09			.04	.40												.05	.68											1.21	
Annapolis ¹	do		T.		.16			.23													1.04	.34											1.77	
Baltimore ¹	do				.29			.01	.04												1.43	.10											1.87	
Baltimore Airport ⁴	do	T.	T.		.27			.04	.21												1.86	.05											1.98	
Bell	do		T.		.27				.08												T.	.50	.83										1.68	
Blackwater	do				.53	T.			.15												.02	.30	.10										1.10	
Cambridge	do				.50				.15												T.	.40	.20										1.25	
Charlotte Hall	do				.36				.15												T.	.99												1.50
Cheltenham ²	do					.21			.16												.01	1.08											1.45	
Chestertown	do				.29	T.			.30																								1.71	
Chewsville	do				.09			.01	.04													.70	.40										1.24	
Clear Spring	do		T.	T.	.23			.10	.05													.60	.70										1.74	
Coleman	do				.30				.40													.10											1.80	
College Park	do				.25	T.			.08												T.	.46	.48										1.27	
Conowingo Dam ³	do				.02			.25	.15			T.										.62	.50										1.94	
Crisfield	do				.40	T.			.11													.60	.50										1.50	
Cumberland ²	do				.45				.15													.02	1.18										1.29	
Easton	do								.16												T.	.95											1.55	
Edgemont ²	do								.16													1.20											1.36	
Elkton	do				.20				.34												.50	.20											2.24	
Emmitsburg	do				.22				.15													.124											1.61	
Fallston	do				.23				.20													.44	.64										1.51	
Ferry Landing	do				.15				.20												T.	.55	.80										1.70	
Fort George G. Meade	do				.25				.12													.50	1.21										2.08	
Frederick	do				.22	T.			.08													.78	.52										1.60	
Frederick Airport ⁴	do	T.	T.		.24			T.	.07	.01		.06									T.	1.10	.12										1.54	
Frostburg	do				.01	T.	T.	.13	.01												.02	.81	.34	.16									2.33	
Germantown	do				.20			T.	.15													.65	.45										1.45	
Great Falls ²	do				.15	.31			.09													1.10											1.65	
Hancock No. 2 ²	do				.03	T.			.06													T.	1.12										1.21	
Hancock No. 1 ²	do					.03			.06													1.30											1.38	
Huntingtown	do				.26				.11													.22	.62										1.21	
Kedysville	do				.06				T.	.10												1.09	.57										1.82	
La Plata	do				.20				.20													.60											1.20	
Luke ²	do				.20	T.			.04													.02	.81	T.									0.90	
Maryland Line	do				.30				.25													.45	.95										1.95	
Millington	do				.15				.40													.10	.12										1.76	
Oakland.	Ohio.		.25		.16			.08	.18	.07	.03	.02									.04	.15	.16	.07	.02	.18	.24	.25					3.15	
Oxford.	Atlantic.				.32	T.			.08												T.	.42	.45										1.27	
Perry Point.	do				.23				.40													.20	.60										1.43	
Picardy.	do				.05				.06													.130											1.40	
Prettyboy Dam.	do				.29				.29													.56	.80										1.94	
Ridgely.	do				.34				.10												T.	.20	.31										0.95	
Rock Hall.	do				.10				.30													.48	.45										1.33	
Salisbury.	do				.50				.15													.49											1.14	
Sines ¹	Ohio.	.12	.12		.25	.05	.25	.25	.08	.08	.06										.08	.99	.16	.08	.08	.01	.30	.28	.30				3.73	
Snow Hill ³	Atlantic.				.55				T.													.04	1.04	T.									1.63	
Solomons.	do				.34	T.			.05												T.	.90	.52										1.84	
State Sanatorium.	do				.02				.10														1.60										1.92	
Takoma Park, No. 1.	do				.28				.15													.73	.47										1.63	
Takoma Park, No. 2.	do				.27				.07												T.	.79	.42										1.55	
Tonoloway	do				.06				.05													.92	.18										1.20	
Towson ²	do				.31	.30			.15													.92											1.79	
Unionville.	do				.31				.23													.75	.45										1.62	
Western Port.	do				.21	T.			.20												.07												1.82	
Westminster ²	do				.66				.32													1.40											2.38	
Williamsport ²	do				.08				.03	.09												1.42											1.62	
Woodstock	do				.36				.07													.41	.46										1.30	
Washington, D. C. 1 ¹	do				.28				.07	.06											.01	1.18	.05										1.65	
Delaware																																		
Bridgeville.	Atlantic.				.80	T.			.15												T.	.33	.29										1.07	
Delaware City.	do				.31	T.			.20													.30	.60										1.47	
Dover.	do				.32			.28	.15													.05	.50										1.01	
Georgetown.	do				.32	T.			.15												T.	.09	.45										1.01	
Lewes.	do				.32	.18			.15												.02	.58	.48										1.74	
Millsboro.	do				.39	T.			.15													.90											1.44	
Newark.	do								.30													.40	.68										1.70	
Newark.	do				.05				.27													.40	.68											

Daily Temperatures for February 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	44	35	37	50	14	37	46	30	27	34	41	40	43	50	47	45	46	43	39	27	31	29	30	29	41	39	34	36	.....	37.8	
.....	Minimum	26	25	20	10	6	11	24	11	10	21	21	18	18	20	28	30	27	27	28	18	20	17	16	12	21	28	24	19	.....	19.9	
Annapolis.....	Maximum	41	39	39	45	16	39	45	30	30	38	43	38	37	42	46	44	46	44	41	29	33	30	34	31	40	39	33	37	.....	37.4	
.....	Minimum	32	28	23	13	8	14	29	15	13	22	17	29	42	56	50	46	51	47	41	29	36	32	38	32	42	41	36	39	.....	33.4	
Baltimore (U.S.W.B.).....	Maximum	47	40	40	48	17	48	48	27	29	35	45	43	42	56	50	46	51	47	41	29	36	32	38	32	42	41	36	39	.....	38.5	
.....	Minimum	34	27	24	10	6	12	27	18	11	22	27	30	29	32	36	36	32	32	29	18	21	20	21	17	25	30	27	23	.....	24.0	
Baltimore Airport.....	Maximum	44	39	38	47	17	39	49	29	29	34	43	40	42	53	49	45	48	47	41	29	33	30	33	31	40	39	35	38	.....	38.6	
.....	Minimum	37	27	23	11	8	12	29	14	11	22	26	26	27	32	34	30	30	29	18	21	19	16	16	24	29	25	21	.....	22.9		
Bell.....	Maximum	57	46	43	50	27	38	50	45	31	35	46	46	49	57	54	49	50	50	48	32	34	33	37	34	42	40	39	40	.....	42.9	
.....	Minimum	19	26	13	27	5	7	19	15	8	20	22	18	15	17	23	35	19	18	29	19	17	15	11	3	19	25	24	7	.....	17.6	
Blackwater.....	Maximum	60	44	39	53	32	38	58	48	34	47	44	40	42	51	53	44	46	53	43	31	32	32	38	33	41	39	36	38	.....	43.0	
.....	Minimum	31	28	28	32	5	13	36	12	26	20	25	21	18	20	33	28	24	29	23	22	22	22	17	24	28	27	16	.....	23.5		
Cambridge.....	Maximum	48	39	40	53	33	40	51	40	29	35	44	39	42	51	53	44	46	53	43	31	32	32	38	33	41	39	36	38	.....	40.8	
.....	Minimum	33	27	21	31	9	13	34	22	14	22	23	19	28	21	35	29	23	29	21	21	21	20	19	28	29	28	18	.....	23.1		
Charlotte Hall.....	Maximum	46	43	37	39	25	40	54	45	25	36	47	43	46	53	58	55	50	55	51	30	34	34	37	33	42	41	38	40	.....	42.0	
.....	Minimum	28	27	15	25	5	9	16	17	9	16	19	25	21	24	35	35	28	22	25	21	19	16	11	19	24	23	17	.....	21.1		
Cheltenham.....	Maximum	48	36	41	50	16	38	50	21	29	33	45	44	49	55	55	49	51	51	31	22	32	36	35	41	39	34	19	.....	38.8		
.....	Minimum	25	24	16	18	6	8	13	20	8	10	19	24	18	24	31	35	29	21	26	21	18	19	12	9	17	20	22	14	.....	18.6	
Chestertown.....	Maximum	47	38	40	55	18	37	48	35	42	41	46	51	48	51	48	45	45	40	30	34	32	37	34	44	41	38	38	.....	39.9		
.....	Minimum	25	27	20	15	7	12	32	12	14	16	16	23	21	23	30	32	27	25	29	18	20	13	21	18	21	28	24	22	.....	21.0	
Chewsville.....	Maximum	43	37	37	40	18	32	42	35	23	31	44	40	48	57	58	42	45	48	41	29	30	27	26	29	38	35	33	36	.....	37.3	
.....	Minimum	21	24	14	18	2	7	28	9	16	21	16	14	22	28	34	25	20	24	15	16	14	14	8	19	28	21	10	.....	17.8		
Clear Spring.....	Maximum	36	28	39	35	15	38	41	35	25	32	47	42	48	50	58	57	47	52	40	30	26	26	31	31	38	36	37	.....	37.9		
.....	Minimum	20	19	15	15	2	8	28	8	9	18	22	17	23	36	33	28	25	23	23	20	20	15	14	23	29	26	22	.....	20.1		
Coleman.....	Maximum	52	40	42	54	27	37	51	41	30	37	44	44	47	54	48	47	49	47	41	32	34	32	36	32	43	41	41	40	.....	41.5	
.....	Minimum	29	29	21	25	5	11	29	14	11	19	22	22	20	23	29	33	26	25	28	18	18	17	20	16	22	27	24	21	.....	21.6	
College Park.....	Maximum	55	47	42	47	26	39	50	49	30	34	45	44	48	56	53	50	49	48	33	34	33	35	33	41	40	37	39	.....	42.3		
.....	Minimum	23	28	17	24	6	10	38	15	9	21	25	21	18	20	25	27	24	22	30	19	18	19	15	7	21	28	25	13	.....	20.5	
Conowingo Dam.....	Maximum	28	35	39	43	13	32	43	25	28	35	39	38	43	48	43	40	43	40	24	29	28	29	33	41	42	41	36	36	.....	36.1	
.....	Minimum	28	28	17	24	3	7	14	21	9	17	16	17	16	19	24	33	27	23	28	19	18	16	17	19	23	25	11	.....	19.2		
Crisfield.....	Maximum	64	61	59	57	55	48	57	51	48	47	42	42	43	51	50	49	47	51	50	48	45	41	40	38	42	42	43	42	.....	48.3	
.....	Minimum	35	33	25	34	12	16	35	21	16	22	28	29	25	28	35	34	32	30	31	26	25	27	22	27	31	29	25	.....	27.1		
Cumberland.....	Maximum	49	31	44	37	20	34	39	15	21	27	44	45	50	63	51	41	40	50	35	22	31	28	27	30	36	35	30	39	.....	36.2	
.....	Minimum	23	23	15	18	8	9	25	13	7	16	18	20	19	21	27	33	30	25	23	19	16	18	15	17	28	24	21	.....	19.4		
Easton.....	Maximum	54	40	40	55	29	39	48	41	28	33	40	39	45	53	51	51	51	50	47	31	34	31	36	32	42	39	36	38	.....	41.2	
.....	Minimum	23	28	20	28	7	12	34	14	12	20	23	23	18	30	25	29	28	24	29	20	20	20	21	17	23	29	26	21	.....	22.5	
Elkton.....	Maximum	46	36	40	45	24	35	48	38	30	37	40	41	47	42	48	45	48	48	40	30	32	30	34	43	41	40	36	37	.....	39.3	
.....	Minimum	24	26	18	24	4	10	20	11	9	19	18	16	17	20	26	31	25	26	27	19	17	15	18	20	27	24	22	14	.....	19.5	
Emmitsburg.....	Maximum	45	40	36	36	20	31	43	37	24	32	43	41	45	53	55	49	47	46	45	33	33	29	28	31	39	37	34	36	.....	38.1	
.....	Minimum	26	26	18	19	3	2	27	14	14	18	23	23	28	33	35	28	27	25	15	15	17	16	13	23	29	23	18	.....	20.7		
Fallston.....	Maximum	46	39	36	41	26	35	45	40	26	33	40	39	45	53	48	46	45	41	29	30	29	32	30	40	38	34	35	.....	38.2		
.....	Minimum	26	26	18	24	3	2	25	12	8	17	19	21	28	31	33	26	24	27	16	16	15	15	17	19	25	20	14	.....	19.8		
Ferry Landing.....	Maximum	53	42	41	51	29	40	52	42	29	35	46	48	54	55	49	52	48	51	34	34	35	37	32	42	40	37	42	.....	42.6		
.....	Minimum	28	27	17	27	5	9	44	15	9	17	23	23	19	24	35	33	28	24	28	20	19	20	15	11	19	28	25	19	.....	21.3	
Fort George G. Meade.....	Maximum	52	46	44	49	29	41	45	34	28	36	46	46	52	59	56	47	52	49	38	35	33	35	33	42	41	38	38	.....	42.4		
.....	Minimum	27	27	20	13	9	12	34	15	18	24	27	23	23	25	30	35	27	25	30	21	21	24	20	12	25	29	26	19	.....	22.6	
Frederick.....	Maximum	45	41	40	36	21	35	47	39	26	32	46	42	48	57	53	46	48	48	45	31	31	28	29	30	37	37	34	39	.....	39.0	
.....	Minimum	25	26	14	10	5	10	22	11	10	18	22	18	15	21	24	36	27	28	27	15	15	17	19	14	21	29	23	13	.....	19.1	
Frederick Airport.....	Maximum	45	37	39	36	14	35	47	24	26	32	45	41	47	55	58	44	47	48	36	28	30	27	30	30	37	36	31	37	.....	37.0	
.....	Minimum	28	21	16	6	4	10	24	11	11	18	23	23	19	26	28	32	29	30	26	15	20	17	18	14	22	29	23	19	.....	20.1	
Frostburg.....	Maximum	45	38	39	35	7	27	31	26	15	20	36	40	48	55	52	36	31	43	34	27	24	20	22	25	30	29	26	33	.....	31.9	
.....	Minimum	21	14	9	6	5	2	23	2	4	11	18	20	13	30	34	30	26	25	18	13	13	12	12	8	15	22	19	14	.....	15.3	
Germantown.....	Maximum	49	45	35	39	20	35	48	38	27	32	45	42	47	55	54	45	48	45	44	35	33	28	33								