

CLIMATOLOGICAL DATA

15

MARYLAND AND DELAWARE SECTION

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BALTIMORE, MD., JANUARY 1947

No. 1

GENERAL SUMMARY

This January was warm with near average precipitation. Sunshine and snowfall were near the usual amounts but winds were about 25% higher than ordinarily observed. It was the warmest January since 1937, the fifth warmest month of record, and the average varied from 5 to 8 degrees above normal throughout the section. The month started out cold and there were other cold periods near the 10th, 13th, and 22d. The last interval brought real wintry conditions and the coldest weather of the month. Temperatures plummeted to slightly below zero in some western sections, but in general ranged from five to twelve degrees above zero except on the lower eastern shore areas near the bay or ocean where temperatures were near 20. However, the cold periods were brief. Periods with temperatures appreciably above normal occurred around the 3d, 8th, 11th, 16th, 20th, and from the 24th through the 31st. The temperature for the seven-day period from the 24th to the 31st averaged 15 to 20 degrees above normal. The highest temperatures for the month, mostly between 65 and 75 degrees, occurred near the 30th.

Precipitation was well distributed throughout the month and through the section. It was the first month with above normal precipitation since September 1946. The month was ushered in by widespread snow, glaze and sleet conditions on New Year's Day, continuing until the morning of the second. Depths of the fall were mostly between 3 and 8 inches but some lower Eastern Shore areas had a lighter fall, while a few scattered areas reported amounts greater than 8 inches. Generally lighter snows and some glaze and sleet occurred on the 5th and 7th. But all snow and glaze periods were followed immediately by warm weather, occasionally with the snow changing to rain, which quickly melted the snow or sleet. The only measurable snows after the first week were on the 9th and 21st in Garrett and parts of Allegany County. General rains fell near the 16th, 20th, 26th, and 31st.

TEMPERATURE

The monthly mean temperature for the section was 39.8 degrees, 6.5 degrees above normal. The highest monthly mean temperature, 45.9 degrees, was reported from Crisfield, Maryland, and the lowest, 33.9 degrees from Frostburg, Maryland. The highest temperature, 75 degrees, occurred at Fort George G. Meade, Maryland, and La Plata, Maryland, on the 30th and the lowest was 3 degrees below zero at Oakland, Maryland on the 22d. The greatest monthly range in temperature was 69 degrees at Bell, Oakland, and Sines, all in Maryland, and the least was 47 degrees at Crisfield, Maryland, with all the highest temperatures being near the 30th and all the lowest occurring near the 22d.

PRECIPITATION

The average monthly precipitation for Maryland and Delaware was 3.95 inches, 0.62 inch above the normal. The greatest amount reported during the month was 5.81 inches at Lewes, Delaware, and the lowest was 2.13 inches at Clear

Spring, Maryland. The greatest 24-hour precipitation was 1.52 inches at Lewes, on December 31, 1946—January 1, 1947. The snowfall averaged 5.5 inches over the section, 1.6 inches below the normal. The greatest monthly snowfall was 14.5 inches at Sines, Maryland, and the least amount was 1.0 inch at Crisfield, Maryland. The greatest 24-hour amount, 10.0 inches, fell at Cambridge, Maryland, on the 1st.

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	7:30 a. m.	1:30 p. m.	7:30 p. m.		
Aberdeen, Md.	30.72	1	29.20	20	9.9	42	sw.	21	71	61	68	846
Annapolis, Md.	30.78	1	29.32	20	10.0	35	w.	21	64	54	70	743
Baltimore, Md.	30.78	1	29.28	20	8.6	34	w.	21	64	54	70	772
Elkins, W. Va.	30.68	1	29.28	20	7.7	34	w.	21	74	61	68	846
Harrisburg, Pa.	30.81	1	29.26	20	10.2	23	sw.	21	79	69	72	901
Norfolk, Va.	30.61	1	29.40	20	7.8	30	s.	21	78	62	74	497
Philadelphia, Pa.	30.81	1	29.27	20	12.0	43	sw.	20	79	67	72	81
Pittsburgh, Pa.	30.66	1	29.16	20	8.0	30	nw.	21	71	57	64	812
Washington, D. C.	30.77	1	29.31	20								708

COMPARATIVE DATA FOR JANUARY

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	29.5	66	-17	4.35	13.4	11	31.6	65	7	5.09	6.8	12
1896	32.0	66	-13	1.82	1.0	4	32.0	65	4	1.62	0.6	5
1897	29.1	66	-12	1.94	8.1	7	31.7	64	3	2.00	10.3	6
1898	35.3	72	-2	3.60	5.8	11	36.7	66	15	3.25	0.8	11
1899	31.9	70	-24	3.30	5.7	10	34.8	65	-1	3.65	7.8	11
1900	33.6	69	-8	2.34	1.8	7	34.3	62	6	3.34	1.5	6
1901	32.5	68	-4	2.68	8.5	7	33.5	68	6	2.94	5.5	5
1902	29.8	59	-7	3.52	10.2	8	31.5	64	8	3.64	5.2	8
1903	31.4	62	-6	4.02	6.7	9	33.6	60	8	3.73	4.2	8
1904	25.7	64	-20	2.59	15.3	10	28.6	63	-10	2.05	8.1	10
1905	28.6	69	-14	3.66	17.0	11	29.5	63	-6	4.14	19.3	10
1906	38.7	75	-6	2.85	2.3	10	40.2	76	5	3.08	2.0	11
1907	35.6	76	-19	3.18	6.2	12	37.6	77	3	2.36	3.6	12
1908	32.6	69	-21	3.24	7.1	8	34.3	63	5	2.87	6.1	8
1909	34.9	69	-3	2.74	6.1	10	33.1	71	10	2.84	4.1	9
1910	31.9	69	-12	4.38	12.9	12	33.5	65	6	4.07	3.0	10
1911	36.7	76	-5	3.96	4.3	12	38.6	68	11	4.14	2.6	11
1912	23.7	60	-40	2.59	15.5	10	26.5	59	-4	3.48	15.9	11
1913	41.5	74	8	3.17	1.6	13	44.3	71	22	3.23	T.	12
1914	35.9	76	-14	3.95	4.2	7	37.6	74	0	3.20	0.1	6
1915	33.7	66	-10	5.90	6.7	12	37.2	67	15	5.65	1.5	12
1916	37.9	74	-11	1.77	3.2	11	38.8	73	1	1.60	3.1	9
1917	33.3	66	0	3.07	4.4	11	34.0	64	9	3.02	1.5	9
1918	21.2	61	-30	4.24	24.0	10	22.9	58	-9	4.25	21.7	10
1919	36.0	66	-19	3.42	2.7	7	37.2	65	2	3.94	1.1	8
1920	27.8	64	-10	2.40	2.9	10	28.2	64	5	2.95	2.1	11
1921	35.5	70	-5	2.27	1.5	8	37.1	66	4	2.40	0.1	7
1922	30.1	63	-15	3.96	23.0	9	31.4	60	6	4.01	17.3	9
1923	34.7	68	0	4.12	6.5	12	35.9	67	13	4.64	2.2	10
1924	33.4	66	-10	4.07	1.8	7	35.6	67	-1	3.93	T.	7
1925	30.9	63	-31	4.59	19.3	12	33.5	62	-1	5.36	7.9	12
1926	32.2	72	-11	3.12	4.6	10	34.2	65	5	2.94	1.1	10
1927	32.5	78	-5	1.60	2.1	11	33.7	73	2	1.57	4.6	10
1928	34.2	72	-11	2.48	9.4	7	35.2	71	-11	2.87	12.6	8
1929	32.6	69	-13	2.68	2.3	10	34.7	67	6	2.68	0.9	9
1930	33.8	75	-17	2.67	11.6	11	36.4	75	4	3.46	8.2	12
1931	34.4	66	-8	1.64	1.1	5	36.0	65	12	2.07	0.3	5
1932	44.4	80	13	4.98		12	46.4	77	22	5.56	1.2	11
1933	40.8	70	4	3.11	1.5	9	42.3	68	14	3.81	T.	8
1934	37.1	70	-6	2.52	0.5	9	38.4	66	3	2.26	T.	9
1935	31.2	71	-23	4.67	20.4	11	38.4	70	-7	5.49	16.8	11
1936	27.8	62	-20	5.87	9.7	13	30.8	61	-5	7.23	2.3	13
1937	41.6	77	11	7.43	1.1	17	44.3	72	23	8.27	T.	19
1938	33.5	67	-2	2.26	2.3	11	35.0	62	7	2.74	0.9	13
1939	35.0	69	-7	3.65	11.8	11	35.9	65	4	3.81	9.9	12
1940	22.3	59	-14	2.26	15.6	7	23.6	59	0	2.20	16.1	5
1941	32.0	62	-10	3.04	6.1	11	33.3	59	7	3.56	3.3	11
1942	32.4	66	-19	2.48	4.4	8	33.0	66	-14	2.85	3.4	8
1943	33.9	79	-5	2.95	8.9	11	34.5	71	11	2.92	4.1	9
1944	34.7	75	-13	3.29	6.5	7	35.5	72	-5	2.47	2.8	7
1945	28.4	61	-16	3.24	9.8	10	28.2	67	-1	3.82	5.7	10
1946	35.0	74	-16	1.67	4.4	9	36.1	73	3	2.01	2.1	8
1947	39.6	75	-3	3.82	5.5	12	41.0	74	6	4.79	5.7	13
Period	33.1	80	-40	3.30	7.4	10	34.8	77	-14	3.54	5.1	10

Climatological Data for January 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	61	29	37.7	+5.3	68	28†	10	22	3.38	+0.24	0.75	19-20	4.4	13	11	5	15	U. S. Army
Annapolis ¹	Anne Arundel	4	82	40.9	+6.5	67	31	12	22	2.92	-0.47	0.72	31-1	3.1	14	10	6	15	U. S. Navy
Baltimore ¹ (central)	Baltimore	14	77	41.4	+7.6	71	30	12	22	3.89	+0.39	1.16	31-1	6.6	14	13	3	15	U. S. Weather Bureau
Baltimore Airport	Baltimore	16	13	40.0	+8.4	64	28	12	22	3.85	+0.35	1.03	1	4.5	13	13	3	15	U. S. Airport Station
Bell†	Prince Georges	151	27	40.4	+6.8	73	30	4	23	3.83	+0.26	0.64	31-1	6.0	11	11	5	15	Bureau Plant Industry
Beltsville, 1 mi. ESE	do.	120	10																J. B. Shepherd
Blackwater†	Dorchester	5	7	42.4		71	28	11	23	4.74		1.15	20	9.0	14	12	4	15	National Wildlife Refuge
Cambridge	do.	13	53	42.4	+6.5	74	28	11	23	4.26	+0.63	1.11	20	10.0	13	14	2	15	D'Arcy Harding
Charlotte Hall, 24 mi. E	St. Marys	167	26	41.2	+7.6	72	30	10	23	4.66	+1.42	1.09	19-20	6.0	10	14	2	15	J. Burch Tennyson
Cheltenham, 14 mi. NW	Prince Georges	230	47	39.6	+5.0	73	30	7	23	4.10	+0.39	1.08	1-2	4.7	14	12	4	15	U. S. Magnetic Obs'y.
Chestertown	Kent	35	42	39.8	+6.8	69	30	11	22	4.32	+0.89	0.94	1-2	7.0	14	10	6	15	Mrs. M. C. Eliason
Chewsville, 4 mile SE.	Washington	630	50	36.5	+5.7	70	30†	6	22	2.99	+0.27	0.81	20†	7.0	10	7	9	15	D. Paul Oswald
Clear Spring, 14 mi. NE	do.	560	48	37.8	+6.9	72	30	6	22	2.13	-0.98	0.54	19-20	4.6	8	7	9	15	Mrs. Leo A. Cohill
Coleman††, 3 miles NW	Kent	80	50	40.6	+6.9	71	20	10	22	3.78	+0.28	0.90	19-20	6.6	11	14	2	15	Walter B. Harris
College Park	Prince Georges	160	61	41.2	+7.3	74	30	6	23	3.76	+0.45	0.75	26	4.7	11	12	4	15	Russell G. Brown
Conowingo Dam	Harford	40	12	36.2	+7.8	68	30†	9	22†	3.31	0.00	0.84	19-20	4.4	15	12	4	15	Susquehanna Electric Co.
Crisfield	Somerset	5	28	45.9	+7.8	68	30†	21	22	2.49	-0.02	0.66	19-20	1.0	10	13	1	17	Grover C. Adams, Sr.
Cumberland	Allegheny	623	77	37.6	+6.1	73	30	7	22	2.49	-0.02	0.66	19-20	8.0	12	14	2	15	W. H. Shockley
Easton	Talbot	35	57	41.4	+6.4	69	30	11	22†	5.73	+2.44	1.19	19-20	4.0	10				Clement E. Bray
Edgemont††, 1 mile SW	Washington	920	9							2.78		0.84	30-31	4.0	10				Lee G. Harne
Elkton	Cecil	28	21	37.9	+4.6	69	30	9	23	2.70	-0.67	1.00	19-20	6.0	9	12	3	15	H. W. Bouchelle
Emmitsburg, 24 mi. SW	Frederick	720	81	38.0	+6.8	69	30	8	22	3.81	+0.54	1.07	19-20	6.6	11	10	6	15	Mt. St. Mary's Seminary
Fallston	Harford	450	78	38.4	+7.0	63	28	8	22	2.92	-0.66	0.78	19-20	5.0	10	10	6	15	Miss Dora Curtiss
Ferry Landing††, 14 mi S	Calvert	120	31	42.2	+6.9	73	30	10	23	4.43	+0.77	0.99	19-20	4.2	13	11	5	15	Thos. J. Bourne
Fort George G. Meade	Anne Arundel	195	6	43.8		75	30	9	23	4.08		0.80	31-1	3.8	11	12	4	15	U. S. Army
Frederick	Frederick	297	78	38.2	+5.8	71	30	8	22	3.74	+0.60	1.15	19-20	4.5	12	7	9	15	D. J. Markey, jr.
Frederick Airport†	do.	380	4	37.9		71	30	9	22	3.52		0.97	19-20	4.2	13	8	8	15	U. S. Weather Bureau
Friendsville	Garrett	1,980	29																
Frostburg	Allegheny	1,950	46	33.9	+3.7	65	30	-3	22	3.17	-0.19	0.72	19-20	9.2	15	5	9	17	S. Graff Haverstick
Germantown	Montgomery	490	7	39.4		72	30	8	22	3.21		-0.82	19-20	3.7	12	13	3	15	Ralph F. Staley
Great Falls†	do.	200	59	40.4	+7.2	74	30	7	23	3.79	+0.61	0.73	31-1	3.7	13	11	5	15	John E. Bissett
Hancock, No. 1	Washington	428	38							3.33	+0.72	0.89	30-31	3.5	11				H. E. Kershner
Hancock, No. 2	do.	14		38.4	+8.0	73	30	7	22	3.37	+0.76	1.07	19-20	3.8	12	9	6	16	Charles O. Dunbar
Huntingtown	Calvert	160	12	42.0	+6.3	73	30	10	22	4.66	+1.23	1.19	31-1	6.2	14	11	5	15	Elmer O. Bowen
Keedysville	Washington	190	34	40.0	+7.9	72	30	7	23	3.03	+0.22	0.74	19-20	5.0	10	12	4	15	J. A. Miller
La Plata	Charles	950	10	41.6	+5.4	75	30	8	23	5.45	+1.70	1.20	31-1	5.2	11	12	4	15	Wallace S. Barnes
Luke	Allegheny	840	23							2.46	+0.47	0.81	19-20	5.2	15				J. G. Patrick
Maryland Line	Baltimore	27	50	37.8	+6.5	64	30	6	22	3.49	-0.13	1.10	19-20	4.7	10	11	5	15	Chester L. Fulton
Millington	Kent	27	20	40.9	+6.8	70	30	9	23	4.67	+1.02	0.77	20	7.5	11	13	3	15	Henry L. Higman
Oakland, 1 mile SE	Garrett	2,420	50	34.9	+6.5	66	29†	-3	22	4.98	+0.98	0.98	19-20	12.5	17	1	8	22	R. E. Weber
Ocean City	Worcester	10	9																U. S. Airway Station
Oxford	Talbot	10	11	42.2	+6.5	69	30	14	22	5.23	+2.32	1.24	19-20	6.0	15	14	2	15	Henry Wilcox
Perry Point	Cecil	40	7							3.41		0.85	19-20	4.5	12	13	3	15	Veterans Administration
Picardy††, 3 miles NE	Allegheny	1,030	21	39.0	+4.7	72	30	5	22	3.15	+0.82	1.00	19-20	6.0	9	9	6	16	Oscar R. Day
Prettyboy Dam††	Baltimore	780	17	37.4	+5.3	67	30	6	22	4.18	+0.81	1.14	19-20	3.7	10				C. W. Hendrix
Ridgely	Caroline	67	57	41.2	+6.4	70	30	12	22†	4.57	+1.19	0.91	19-20	8.0	11	14	2	15	William Vernon Blades
Rock Hall	Kent	20	34	40.8	+6.5	69	30	12	22	4.19	+0.63	0.84	19-20	6.2	12	12	4	15	Geo. C. Simms
Salisbury	Wicomico	9	41	44.4	+6.8	71	30	10	23	5.45	+1.77	1.09	19-20	6.0	13	12	4	15	City of Salisbury
Savage River Dam	Garrett	1,460	2																John E. Wilt
Sines† (Deep Creek)††	do.	2,040	23	34.0	+5.9	68	30	-1	22	4.67	+0.93	0.85	20-21	14.5	18	1	8	22	C. E. MacMurray
Snow Hill	Worcester	20	32	43.6	+6.6	71	29†	10	23	4.72	+0.95	1.15	14-15	3.0	14	13	1	17	U. S. Airway Station
Solomons	Calvert	20	56	49.7	+7.4	70	30	15	22	5.21	+2.16	1.34	31-1	6.0	12	13	3	15	Chesapeake Biological L'b
State Sanatorium	Frederick	1,460	39	35.8	+5.2	66	30†	3	22	3.49	+0.11	0.90	19-20	5.1	10	10	6	15	Dr. V. F. Cullen
Takoma Park, No. 1	Montgomery	320	49	41.0	+7.5	72	30	10	22†	4.05	+0.50	1.03	26	4.5	10	14	2	15	Guy L. Seaman
Takoma Park, No. 2††	do.	280	3	40.4		73	30	8	23	4.00		0.97	26	3.0	12	14	2	15	O. L. Harvey
Tonoloway††	Washington	550	23	36.6	+5.0	73	30	6	22	2.93	+0.40	0.95	19-20	5.0	8	10	5	16	American Fruit Growers
Towson	Baltimore	475	36							3.39	-0.30	0.81	19-20	5.6	13	14	2	15	S. Elmer Parks
Trappe††	Talbot	55	6																Charles S. Mitchell
Unionville	Frederick	480	8	35.4		69	30†	8	22	3.73		1.10	19-20	4.4	11	13	3	15	G. Platt Von Elff, Jr.
Western Port	Allegheny	1,000	54	38.4	+6.7	71	30	6	22	3.20	+0.48	0.80	19-20	6.0	15				Norris Bruce
Westminster	Carroll	770	38	38.2	+7.2	69	30	6	22	3.61	+0.42	1.00	19-20	4.5	15	13	3	15	Harry J. Mathias
Williamsport, 2 mi. NW	Washington	360	9							3.30		0.80	30-31	5.5	14				R. C. Willson
Woodstock	Baltimore	415	78	38.7	+6.6	74	31	8	22	3.06	-0.22	0.84	19-20	3.5	12	15	1	15	Woodstock College
Dist. of Columbia																			
Washington††	do.	72	77	42.2	+8.8	73	30	12	22	3.72	+0.17	1.00	31-1	3.8	12	9	6	16	U. S. Weather Bureau
Delaware																			
Bridgetown, 1 mile W.	Sussex	45	57	41.1	+5.8	72	30	6	23	5.12	+1.57	1.25	31-1	8.0	13	14	2	15	William M. Ray
Delaware City, 14 mi. SW	New Castle	10	61	39.3	+6.3	70	30	12	22	5.11	+2.06	1.44	26	5.5	13	13	3	15	James E. Maden
Dover	Kent	34	60	42.4	+7.3	72	30	11	22†	5.26	+1.80	1.08	19-20	4.0	15	15	1	15	Arthur G. Livingston
Georgetown	Sussex	40	2	42.4		72	30	8	23	5.25		1.18	19-20	7.2	13	13	3	15	E. F. Turner
Lewes	do.	10	3	41.7		70	30	9	23	5.81		1.52	31-1	4.5	14	14	2	15	E. Elwood Lynch
Millsboro	do.	20	55	44.5	+8.7	74	31	7	23	5.68	+1.91	1.16	13-14	8.0	13	13	3	15	Preston C. Townsend
Newark	New Castle	110	16																G. C. Price
Newark††, 14 mile SW	do.	110	35	38.7	+7.7	69	30	10	22†	3.53	+0.18	1.00	19-20	4.6	12	14	2	15	Fred. Collins
Wilmington††	do.	42	54							3.60	+0.07	0.96	19-20	5.8	12	13	3	15	Street Department

Daily Precipitation for January 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	.61	.49	.12		.05		.13						.10	.24	.29	.04			.13	.62	T.				T.	.45					T.	.11	3.88	
Annapolis ¹	do	.72	.08	.08		.32		.15						.61	.19	.25	.20	.08		T.	.11	.46	T.			T.	.22					.02	2.92		
Baltimore ¹	do	1.15	.01	.12		.30		.21		.01				.19	.25	.20	.08			.10	.66	T.				T.	.12					.01	3.89		
Baltimore Airport ¹	do	1.03	.04	.09		.27		.25						.23	.26	.32	.08			.02	.77	.01				T.	.13					.01	3.85		
Bell	do	.64	.43	.11		T.	.32	.22							.28	.62	.01	.01			.62						.57	T.					.05	3.83	
Blackwater	do	.64	.98	.18		.02	.61	.02						.15	.58	.14	.10			.18	1.15						.58						.47	4.74	
Cambridge	do	*	.85	.20	.02		.46							.10	.56	.25	.05			.11	1.11						.41						.12	4.26	
Charlotte Hall	do	*	1.85	.26			.47							.11	.49	.35				.12	1.09						.42						T.	4.66	
Cheltenham ²	do	.41	1.08	.08	.09		.50	.01						.04	.36	.03	.29	T.	T.		.62	.08						.50					.01	4.10	
Chestertown	do	*	1.24	.15		*	.42	.28						*	.45	.51	.03	T.		T.	.79	.01				T.	.39					T.	.05	4.32	
Chewsville	do	.39	.10	.04		T.	.22	T.		T.					.12	.27	.04				.81	T.					.19						T.	.81	2.99
Clear Spring	do	*	.36				.15	T.		T.					T.	.44	.04			.28	.54	T.				.08							T.	2.13	
Coleman	do	.44	T.	.10		T.	.33	.88	.07						.43	.63		.03			.90	T.				.28	T.	.42	T.				.05	3.78	
College Park	do	.50	.41	.10			.28	.23							.33	.50	.01	.03			.62	T.					.75						T.	3.76	
Conowingo Dam ²	do	.10	.66	.16	.01		T.	.17	.04	.01				T.	.26	.11	.20	.08			.68	.16	T.				T.	.58					.09	3.31	
Crisfield	do	1.00	.14	.14	T.		.63							.20	.82		.13		.46		.71						.36						T.	4.59	
Cumberland ²	do	.18	.35		.01		.12								.18	.08	.31	.08			.66	.17				.01	T.	.08					.36	2.49	
Easton	do	.90	.70	.35		*	.55							.10	.85	.30					1.19						.70	.04					.05	5.73	
Edgemont ²	do		.50				.22			T.					.12	.12	.08	.04			.53	.15						.18					.04	2.78	
Elkton	do	.35	T.	.05			.32								*	.40	.10	.04			1.00							.34					.10	2.70	
Emmitsburg	do	.60	.10	.04			.25			T.					*	.44	*	.04			1.07	T.						.42					.85	3.81	
Fallston	do	.41	.31	.12		T.	.10	.12						T.		.21	.04				.78							.71					T.	.12	2.92
Ferry Landing	do	.50	.70	.15		T.	.50	.04						.10	.54	.34	.04			.05	.99							.81					.17	4.43	
Fort George G. Meade	do	.80	.30	.37		T.	.28	.11		T.					.32	.34	.03				.64	T.						.60						.04	4.03
Frederick	do	.72	.11	.12		T.	.05								.24	.25	.10	.01			1.15	T.						.35	.01				.63	3.74	
Frederick Airport ⁴	do	.78	T.	.09		.07		.10		T.				.07	.15	.18	.10				.88	T.						.29					.75	3.52	
Frostburg	do	.50	.09	.07		.23		.01	.05	T.					.12	.41	.13				.72	.15					.09	.25					.30	3.17	
Germanstown	do	.35	.12	.42		*	.28								.09	.39	.05	T.			.82	.02						.25					T.	.42	3.21
Great Falls ²	do	.78	.22	.07			.33	.17							.37	.04	.22				.61	.15						.61					.01	.26	3.79
Hancock No. 1 ²	do	*	.44				.26								.05	.23	.31	.03			.59	.45						.08					.89	3.83	
Hancock No. 2 ²	do	.24	.26				.25			T.					.02	.36	.17	.04			.67	.40						.01	.05				.90	3.37	
Huntingtown	do	1.19	.32	.17		.02	.50	.02						.12	.47	.38	.05		.11		.86							.40					.05	4.66	
Keedysville	do	.64	.10	.05		.18	T.			T.					.31	.13	.07				.74							.20					.61	3.03	
La Plata	do	*	1.60			.60	.50							.10	.60	.40			.10		.95							.60					T.	5.45	
Luke ²	do	.10	.32	.05	T.		.10			T.					.13	.06	.24	.17			.63	.18	T.		T.	T.	.02	.03	.03	.02		.38	2.46		
Maryland Line	do	.70	.10	.04			.07								.33	.23	.10				1.10							.50					.32	3.49	
Millington	do	.43	.66	.24		T.	.43	.38						T.	.67	.54	.06				.77							.47					.02	4.67	
Oakland	Ohio	.42	.05	.12	.03		.45	.05	.03	.08				T.		.50	.48				.05	.93	.15		.15		.39		.23			.52		4.98	
Oxford	Atlantic	1.06	.44	.26		.01	.53	.01						.07	.52	.31	.03		.08	.01	1.24							.51					.15	5.23	
Perry Point	do	.58	.20	.14	T.		.20	.20							.42	.27	.05				.85							.38	.02				.10	3.41	
Picardy	do	*	.60				.15								.10	.30	.10				1.00							T.					.10	3.15	
Prettyboy Dam	do	*	.75	.14			.07								*	.76					1.14							.75	T.				.57	4.18	
Ridgely	do	.59	.60	.29		*	.55							.04	.58	.43			T.		.91							.50					.08	4.57	
Rock Hall	do	.66	.69	.25		.25	.62	.28							.37	.50	.05	T.			.84							.35	T.				.05	4.19	
Salisbury	do	.96	.41	.07			.73							.14	.92	.09	.11		.33		1.09							.47	.09				.04	5.45	
Shesler	Ohio	.60	.07	.24		.32	.02	.10		.03				.01	.12	.56	.40				.11	.72	.20	.02		T.	.36	.24				.55		4.67	
Snow Hill ³	Atlantic	.62	.04	.12		.75								.19	.50	.65	.13	.07	.12	.37	.29	.36					.51						T.	4.72	
Solomons	do	1.34	.33	.22	T.	T.	.40	.02						.16	.71	.15	.09	T.	.20		1.05							.54					T.	5.21	
State Sanatorium	do	.60	.10	.08			.25	T.		T.					*							T.						1.55					.60	3.49	
Takoma Park, No. 1	do	.80	.21	.10			.28	.25						T.	.30	.51	.02				.55							1.03					T.	4.05	
Takoma Park, No. 2	do	.90	.21	.07		.02	.11	.21						T.	.36	.48	.02	T.			.63	T.						.97					.02	4.00	
Tonoloway	do	.40	.10				.15								.05	.34	.05				.95												.89	2.93	
Towson ²	do	*	.90	.10				.16	T.					.01	.36	.05	.18	.05			.71	.10						.67					.10	3.39	
Unionville	do	.55	.15	.16		T.	.12	.05		T.					.26	.20	.09				1.10							.46	T.				.59	3.73	
Western Port	do	.50	.50	.08			.05	.03							.20	.39	.15			.05	.80	.03						.10					.12	4.00	
Westminster ²	do	.10	.31	.25			.18	.06						.04	.20	.23	.14	.14			.35	.65						.03	.37				.57	3.61	
Williamsport ²	do	.05	.56	.02			.20	T.							.10	.28	.17	.01			.70	.35	.01				T.	.01	.09				.80	3.30	
Woodstock	do	.30	.32	.05		.01	.17	.11						T.	.17	.22	.08				.84					</									

Daily Temperatures for January 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	32	33	42	41	39	35	41	45	36	35	54	51	38	41	44	47	48	52	41	53	46	24	39	56	62	47	57	63	67	63	46.0		
Aberdeen.....	Minimum	26	31	32	27	23	20	19	33	28	28	31	31	26	37	37	40	34	32	29	38	15	10	11	28	33	33	38	33	36	41	36	29.4	
Annapolis.....	Maximum	35	38	53	50	39	35	44	47	40	38	57	53	40	41	45	55	44	52	45	54	51	23	39	60	61	48	56	58	55	57	67	47.7	
Annapolis.....	Minimum	26	31	37	33	32	28	28	39	29	28	36	35	27	36	39	42	37	37	36	40	20	12	19	39	45	40	38	42	41	45	40	34.1	
Baltimore (U.S.W.B.)	Maximum	33	37	49	46	40	37	46	48	40	37	60	52	38	42	47	54	45	52	43	54	50	24	43	61	63	50	59	66	56	71	69	48.8	
Baltimore (U.S.W.B.)	Minimum	26	33	37	31	30	31	29	39	28	26	34	32	27	37	40	44	38	29	35	40	17	12	17	36	45	42	41	43	41	49	38	34.1	
Baltimore Airport.....	Maximum	33	36	48	46	39	36	39	47	40	36	58	52	38	41	45	54	47	51	43	54	47	24	41	59	63	48	58	64	55	62	60	47.2	
Baltimore Airport.....	Minimum	25	32	36	32	30	28	29	38	28	27	35	32	27	37	39	42	37	35	32	39	18	12	17	34	41	38	38	36	39	47	38	32.8	
Bell.....	Maximum	30	35	51	50	38	38	38	50	48	38	60	55	42	42	48	51	54	53	49	53	53	38	45	62	64	58	60	68	58	73	72	51.1	
Bell.....	Minimum	25	30	33	27	22	27	27	35	26	21	28	22	24	34	39	42	30	34	28	39	34	10	4	29	34	30	27	28	29	41	46	29.8	
Blackwater.....	Maximum	34	37	50	52	41	41	43	48	48	35	55	55	50	46	46	52	52	49	49	62	42	40	59	62	57	52	71	65	70	67	51.2		
Blackwater.....	Minimum	26	33	36	38	26	30	27	38	30	26	26	23	28	42	40	43	36	35	32	32	30	13	11	32	40	38	38	35	47	54	33.6		
Cambridge.....	Maximum	33	39	55	54	42	41	43	50	43	39	56	53	45	45	48	53	52	49	48	58	53	44	50	60	60	58	56	74	65	71	64	51.2	
Cambridge.....	Minimum	26	32	35	35	27	27	24	38	31	26	26	23	28	39	39	43	35	35	31	43	34	13	11	32	45	38	37	38	39	48	47	33.7	
Charlotte Hall.....	Maximum	30	36	52	53	42	42	44	50	46	33	56	54	49	42	42	52	51	45	45	53	52	34	44	50	60	58	58	67	67	72	67	49.8	
Charlotte Hall.....	Minimum	25	28	34	34	26	27	23	36	28	21	28	22	28	33	40	41	39	33	32	40	34	11	10	31	30	44	35	38	35	51	52	32.6	
Cheltenham.....	Maximum	32	46	52	42	39	35	44	51	39	37	58	54	49	42	51	54	42	51	45	54	44	25	44	61	62	52	59	67	69	73	61	49.2	
Cheltenham.....	Minimum	25	28	32	31	26	29	21	31	29	21	23	32	27	28	39	39	34	35	30	35	35	11	7	15	39	44	35	37	34	36	48	30.0	
Chestertown.....	Maximum	32	35	50	48	40	36	40	48	40	38	54	52	40	41	47	50	49	52	46	57	50	26	41	58	64	54	59	62	62	69	65	48.5	
Chestertown.....	Minimum	25	31	31	31	32	24	23	32	27	25	33	32	26	34	39	40	32	34	30	37	17	11	14	32	39	36	34	39	36	51	41	31.2	
Chesville.....	Maximum	29	34	43	48	39	35	39	43	39	33	60	55	39	36	41	48	50	46	43	51	53	22	42	60	60	50	57	59	61	70	70	46.8	
Chesville.....	Minimum	23	24	31	30	20	14	8	30	23	22	29	33	27	30	34	37	29	28	25	35	21	6	8	35	39	34	26	35	40	32	35	40	27.2
Coleman.....	Maximum	31	35	49	46	40	38	39	46	45	42	56	55	45	41	48	49	48	51	45	71	55	39	44	59	66	52	59	66	64	70	67	50.4	
Coleman.....	Minimum	25	28	31	35	25	27	22	32	27	26	22	40	25	38	41	32	30	30	30	87	38	10	13	24	40	33	34	36	33	47	46	30.7	
College Park.....	Maximum	34	35	50	49	39	37	39	50	47	37	59	58	49	42	49	51	54	53	50	54	54	35	45	61	63	50	59	65	66	74	73	51.0	
College Park.....	Minimum	26	30	34	37	25	28	20	36	28	24	32	22	27	35	40	43	34	36	28	40	35	11	6	26	37	33	30	31	33	42	48	31.5	
Conowingo Dam.....	Maximum	32	35	42	39	40	34	42	43	35	35	52	45	39	40	41	47	44	50	51	53	40	21	37	57	58	48	58	57	55	65	55	44.9	
Conowingo Dam.....	Minimum	23	26	31	33	21	17	17	30	27	19	25	29	25	26	35	35	33	29	26	34	33	9	9	16	31	30	25	29	33	36	40	27.5	
Crisfield.....	Maximum	53	50	54	53	54	52	47	52	51	49	49	54	51	51	52	54	55	53	59	56	54	48	52	62	62	58	59	62	68	68	58	54.7	
Crisfield.....	Minimum	28	36	40	39	33	35	28	39	33	30	43	32	41	43	42	45	39	36	36	44	39	21	23	33	42	42	39	39	43	51	51	37.1	
Cumberland.....	Maximum	30	37	57	56	45	35	44	45	34	40	61	42	37	39	43	57	46	50	46	59	55	23	46	60	61	51	56	59	64	73	47	47.3	
Cumberland.....	Minimum	25	29	39	38	28	24	19	35	24	23	24	28	20	30	34	38	31	31	29	29	7	8	23	46	30	30	33	34	39	39	27.0		
Easton.....	Maximum	39	35	53	57	41	40	45	48	44	42	56	54	45	42	50	52	48	54	48	61	54	38	42	58	60	49	56	63	65	69	65	40.4	
Easton.....	Minimum	31	31	35	35	27	29	24	26	30	32	20	40	25	35	40	40	38	36	30	40	35	11	11	30	37	32	36	36	37	51	50	32.4	
Elkton.....	Maximum	31	34	42	41	40	35	38	45	42	36	53	51	39	43	47	47	48	41	42	54	50	31	41	58	62	49	58	62	60	69	68	47.0	
Elkton.....	Minimum	25	26	31	30	22	26	18	33	25	20	29	31	24	33	41	41	31	28	26	36	30	10	9	26	34	30	34	29	33	36	43	28.8	
Emmitsburg.....	Maximum	29	34	45	40	36	37	42	37	34	58	54	48	36	39	45	51	47	43	46	51	41	41	56	50	55	55	60	56	69	68	68	46.5	
Emmitsburg.....	Minimum	23	25	31	30	21	20	13	26	24	23	26	43	25	30	35	37	31	31	29	36	29	8	11	29	45	39	37	37	38	44	42	29.6	
Fallston.....	Maximum	30	33	43	43	39	36	37	42	40	35	54	50	40	39	42	47	49	50	42	50	50	31	38	59	60	57	58	63	61	62	61	46.5	
Fallston.....	Minimum	24	25	31	29	24	25	21	32	25	21	29	39	23	33	37	39	30	31	30	37	30	8	10	30	41	39	37	38	36	43	44	30.3	
Ferry Landing.....	Maximum	32	37	52	52	40	40	44	51	46	40	58	58	47	42	48	52	52	45	55	54	34	40	61	65	55	60	70	68	73	70	51.4		
Ferry Landing.....	Minimum	25	30	33	34	26	29	22	35	26	21	30	43	27	36	39	42	33	33	30	39	33	11	10	31	44	40	45	39	34	52	48	32.9	
Fort George G. Meade.....	Maximum	34	41	50	42	39	37	40	52	50	40	62	61	55	45	50	52	53	56	51	55	55	38	46	62	65	62	60	68	68	75	74	52.8	
Fort George G. Meade.....	Minimum	28	33	40	27	28	22	26	39	32	28	35	46	30	38	43	45	37	39	34	42	38	14	9	33	48	38	36	38	38	50	51	34.9	
Frederick.....	Maximum	31	34	41	45	37	35	36	47	43	35	60	52	43	38	40	45	54	50	47	52	54	27	45	61	63	54	59	62	60	71	70	48.1	
Frederick.....	Minimum	24	22	31	33	24	25	17	33	25	23	24	39	26	30	35	38	32	32	26	36	25	8	10	25	36	27	33	33	31	32	43	28.3	
Frederick Airport.....	Maximum	30	33	46	43	36	35	44	46	37	35	60	51	36	38	40	54	48	50	44	54	49	52	44	60	61	47	57	62	60	71	62	46.8	
Frederick Airport.....	Minimum	25	28	33	30	27	20	20	34	24	25	27	28	27	31	36	39	32	34	28	36	14	9	11	29	44	35	37	37	38	36	40	29.0	
Frostburg.....	Maximum	25	38	57	48	40	35	40	37	32	35	54	49	35	34	41	54	49	43	41	51	47	15	4										