

U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU

IN COOPERATION WITH MARYLAND STATE WEATHER SERVICE

CLIMATOLOGICAL DATA

15 MARYLAND AND DELAWARE SECTION

J. R. WEEKS

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VOL. XLVII BALTIMORE, MD., NOVEMBER 1943 No. 11

GENERAL SUMMARY

This was the first cool November since 1939. Monthly precipitation averaged 1.2 times the normal. Monthly snowfall was very light, except it averaged normal in the Allegheny Mountain region. Monthly sunshine was 10% above normal.

The first decade was mild and wet. The second and third decades were cool, dry, and sunny. There were 2 small tornadoes on the 8th.

Rains of the 2-3d and 8-9th were beneficial. The rain of the 8-9th was heavy in north-central Maryland with falls of 2 to 3 inches, except 3 to 4 inches in the extreme northern portions of Baltimore and Frederick Counties, in Montgomery and extreme northwestern Prince Georges Counties, and in the District of Columbia.

Snow flurries occurred on the 17th, 21st, 27th, and 30th and light snow fell on the 9th, 10th, 11th, 13th, and 16th in the Allegheny Mountain region. Snow flurries occurred in the other divisions on the 11th and 13th, except light snow fell in the eastern portion of north-central Maryland and at Millington on the 11th. Snow flurries occurred in western and north-central Maryland on the 15th, in the Piedmont Plateau on the 17th, and over the southern third of the Eastern Shore on the 30th.

Grains and pastures improved, made growth, and were nicely green. Digging sweet potatoes on the Eastern Shore ended during the second week. Digging late potatoes ended in western and north-central Maryland during the second week and in southern Maryland and on the Eastern Shore during the fourth week. Late tobacco cured nicely. Husking and cribbing corn, plowing, sowing grains, harvesting late truck crops, combining soybeans, cutting wood, tending livestock, pruning fruit trees, and butchering were in progress.—*J. B., jr.*

SMALL TORNADOES OF NOVEMBER 8, 1943

The first tornado struck the Lawson King farmstead, 20 miles northwest of downtown Washington, at 5:53 p.m., E.W.T., and then moved north more than a mile to Washington Grove, Md. It demolished 3 garages, a tool shed, and 4 chicken houses; damage estimated at \$6,000. The width of the storm path varied from 75 to 150 feet. The tornado cloud was seen by Mr. Ralph Howard, a Montgomery County Highway Patrolman.

The second tornado struck first 10 miles southeast of downtown Washington, near Clinton, Md., where it ripped off the corner of a house and demolished a barn and a garage. It then moved a distance of 8 miles north-northeast, to 2 miles beyond Forestville, Md.; the width of the storm path varied from 75 to 200 feet. It passed through the grounds of the Army's Camp Springs Air Base, leveling some trees and some old shacks. Emerging from the Air Base grounds it demolished 2 houses. The tornado was seen passing through Forestville at 9:02 p.m., E.W.T., by Mr. Thomas F. Heide, where it destroyed a well constructed filling station building. Some damage occurred within the 2 miles beyond Forestville. Total damage estimated at \$12,000 to \$15,000.—*J. R. Lloyd, Principal Meteorologist.*

TEMPERATURE

The monthly mean for the section, 44.1°, is 1.1° below normal. The highest monthly mean was 51.2° at Crisfield; the lowest, 33.8°, at Mt. Savage Summit. The highest temperature, 76°, occurred at Friendsville on the 1st; the lowest, 10°, at Oakland on the 29th. The greatest local monthly range was 65° at Friendsville; the least, 37°, at Annapolis.

PRECIPITATION

The monthly average for the section, 3.02 inches, is 0.47 inch above normal. The greatest monthly rainfall was 5.16 inches at Takoma; the least, 1.25 inches at Solomons. The greatest 24-hour rainfall was 3.92 inches at Takoma on the 8-9th. The average monthly snowfall for the section, 0.4 inch, is 0.7 inch below normal. The greatest 24-hour snowfall was 3.0 inches at Oakland and Sines on the 11th.

Errata: October, 1943.—Aberdeen, mean temperature should be 52.6° and departure from normal should be -3.3°. Dundalk, date of highest temperature should be 18.

MISCELLANEOUS PHENOMENA (WITH DATES)

Fogs, light.—1, 2, 3, 5 to 9, 11, 16 to 21, 26, 27, 29. Fogs, dense.—3, 5 to 8, 16, 20, 21, 27.

Frosts, killing first general in central and eastern divisions.—12. Hail, light.—Crisfield, 8. Sleet, light.—11, 13, 15. Thunderstorms.—1, 2, 5, 8, 21. Tornadoes, small.—8. Winds, high.—3, 5, 8, 11, 13, 21, 22, 23, 24, 27. Glaze.—12 miles north of Sines, 27.

EVAPORATION STATION: Beltsville, Md. (Elevation, 120 feet)

U. S. Bureau Dairying Industry, Joseph B. Shepherd, in charge
(Evaporation Tank: 10 inches deep, 48 inches in diameter)

Month	Temperature					Precipitation (total)	Evaporation (inches)
	Mean	High	Date	Low	Date		
November 1943..	43.0	72	8	17	29	3.72	2.173

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			
Aberdeen, Md.	30.41	14	29.70	8	.....	.....	74	51	67
Annapolis, Md.	30.42	14	29.71	8	9.3	12	75	58	62
Baltimore, Md.	30.46	14	29.71	8	9.8	34	71	48	59
Elkins, W. Va.	30.56	24	29.79	8	6.2	21	85	56	72
Harrisburg, Pa.	30.44	14	29.68	8	7.9	29	76	53	62
Norfolk, Va.	30.50	14	29.81	9	10.2	31	81	51	71
Philadelphia, Pa.	30.42	7	29.68	9	9.1	34	80	50	65
Pittsburgh, Pa.	30.48	25	29.79	8	10.8	32	79	56	65
Washington, D. C.	30.47	14	29.71	8	7.7	29	71	44	54

COMPARATIVE DATA FOR NOVEMBER

Year	FOR MARYLAND			FOR DELAWARE									
	Temperature		Precipitation	Temperature		Precipitation							
	Mean	Highest	Lowest	Average	No. of days with 0.1 in. or more	Average	No. of days with 0.1 in. or more						
1895.....	45.6	86	0	1.64	0.1	7	47.9	78	24	1.94	T	8	
1896.....	49.1	78	12	3.07	2.2	7	51.6	78	25	3.18	1.7	10	
1897.....	45.0	78	5	4.76	0.2	12	46.6	72	21	3.78	T	13	
1898.....	42.8	78	6	3.82	5.5	11	44.2	73	22	4.58	5.5	12	
1899.....	44.9	73	12	2.92	T.	6	45.0	66	22	2.15	0.0	6	
1900.....	47.5	81	4	3.00	1.0	8	49.9	76	22	2.59	T.	6	
1901.....	39.1	74	4	2.72	2.3	5	40.6	76	17	2.20	1.2	4	
1902.....	50.8	80	11	3.12	0.3	8	52.2	80	27	3.06	0.0	7	
1903.....	40.9	82	1	3.17	0.8	5	42.5	79	12	1.36	0.1	5	
1904.....	41.9	72	11	1.62	2.2	4	42.2	67	18	2.17	0.1	6	
1905.....	43.2	77	10	1.30	0.1	6	44.8	73	14	1.09	T.	5	
1906.....	45.2	78	15	1.43	1.0	5	46.0	75	22	1.99	0.4	6	
1907.....	42.8	70	10	5.27	1.0	11	45.2	70	22	5.78	0.1	12	
1908.....	44.5	76	—	3	0.95	4.2	3	45.9	76	20	1.31	0.1	3
1909.....	49.1	85	11	1.16	1.0	6	49.6	79	23	2.12	1.2	7	
1910.....	40.9	76	2	2.05	3.5	8	42.1	74	18	2.44	0.2	6	
1911.....	42.3	82	6	3.99	0.5	10	44.7	72	20	5.31	0.0	11	
1912.....	46.1	79	10	2.04	1.2	5	47.8	78	14	2.74	3.0	5	
1913.....	47.0	87	10	2.19	1.2	7	48.8	79	27	1.54	T.	6	
1914.....	44.2	82	9	2.04	0.1	3	46.8	80	15	1.96	T.	3	
1915.....	44.8	79	14	1.46	T.	7	46.6	76	19	0.92	T.	4	
1916.....	44.9	83	9	2.18	0.1	8	45.4	74	15	2.28	T.	3	
1917.....	41.2	76	—	0.60	1.9	4	41.5	70	15	0.49	1.6	3	
1918.....	44.9	74	13	1.47	0.1	5	45.4	71	17	1.27	0.0	4	
1919.....	45.5	81	11	3.29	0.1	11	46.6	78	20	3.35	0.0	10	
1920.....	44.4	76	3	3.82	0.8	10	46.3	75	16	5.88	0.0	10	
1921.....	46.7	82	15	4.34	0.1	13	48.4	81	25	3.98	T.	13	
1922.....	46.2	75	5	0.65	0.5	5	47.0	74	23	0.82	T.	3	
1923.....	43.9	68	12	2.60	0.2	9	45.0	67	21	2.85	0.0	7	
1924.....	44.4	79	10	1.79	1.8	5	46.2	79	16	2.13	0.3	6	
1925.....	42.9	74	6	3.11	0.3	10	45.0	74	20	3.04	0.2	9	
1926.....	43.0	78	7	4.45	0.1	8	44.9	75	19	3.70	T.	8	
1927.....	49.7	79	9	2.78	0.3	9	51.2	79	22	3.44	T.	10	
1928.....	47.0	80	13	1.89	1.3	8	48.3	79	21	1.72	T.	9	
1929.....	45.8	85	—	2.62	1.8	11	48.0	82	11	2.62	1.4	12	
1930.....	44.6	75	—16	1.19	0.8	9	46.8	74	24	2.04	0.1	9	
1931.....	51.6	80	16	0.95	0.9	6	52.9	79	23	0.86	0.1	5	
1932.....	43.2	72	5	2.52	T.	9	45.7	70	13	5.50	T.	9	
1933.....	42.5	81	—8	1.38	2.0	7	44.2	75	10	1.63	0.2	5	
1934.....	47.8	80	10	3.36	0.2	10	49.1	76	20	3.65	T.	9	
1935.....	48.4	86	9	4.32	0.8	12	50.4	80	23	5.34	1.1	15	
1936.....	43.0	82	4	1.02	0.7	6	44.8	80	15	0.93	T.	8	
1937.....	44.2	79	—13	3.43	0.6	7	46.2	71	19	3.61	T.	8	
1938.....	47.7	85	8	2.77	0.8	10	49.8	81	8	2.35	0.3	11	
1939.....	43.4	75	12	1.33	1.4	5	43.9	71	23	1.36	T.	6	
1940.....	45.4	77	14	5.14	1.1	10	46.5	75	20	4.66	T.	9	
1941.....	47.8	78	11	1.77	T.	5	49.0	76	20	2.23	T.	5	
1942.....	46.7	81	11	2.34	0.1	10	48.2	77	16	2.84	T.	9	
1943.....	44.0	76	10	3.03	0.4	6	45.1	75	19	2.56	T.	5	
Period.....	45.1	87	-16	2.53	1.1	8	46.6	82	8	2.70	0.5	8	

Climatological Data for November 1943

STATIONS	COUNTIES	Elevation, feet	Length of record, years	Temperature, in degrees Fahr.				Precipitation, in inches				Number of days	OBSERVERS						
				Mean	Departure from the normal		Date	Departure from the normal		Greatest in 24 hours	Date	Total	Departure from the normal	Greatest in 24 hours	Date	Total snowfall (unmelted)			
					Highest	Lowest		Date	Total	With precip. 0.01 in. or more	Clear	Partly cloudy	Cloudy	Prevailing direction of wind					
<i>Maryland</i>																			
Aberdeen, 4 miles SE.	Harford	61	25	43.2	-2.0	70	+8	23	17	3.97	+1.54	2.26	2-3	T.	8	8	16	6	nw.
Annapolis	Anne Arundel	4	78	45.6	-1.3	66	9	29	17	1.71	-0.86	1.03	2-3	T.	6	13	10	7	nw.
Baltimore* (central)		14	73	47.0	+0.7	70	19	29	29	2.77	+0.21	1.57	8-9	0.7	7	12	13	5	nw.
Bell	Prince Georges	151	23	43.8	-1.5	72	19	15	17	2.83	+0.23	1.59	8-9	T.	6	11	12	7	nw.
Blackwater†	Dorchester	5	3	44.4	.....	68	8	24	+28	1.70	.....	0.80	2-3	T.	5	15	11	4	nw.
Cambridge, 3½ miles W.	do.	13	50	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Charlotte Hall, 2½ mi. E	St. Marys	167	22	46.8	+0.1	73	8	22	29	1.99	-0.39	1.21	2-3	T.	3	20	4	6	nw.
Cheltenham, 1½ mi. NW	Prince Georges	230	43	44.2	-1.7	74	8	22	+17	3.04	+0.52	1.66	2-3	T.	3	8	15	7	nw.
Chestertown	Kent	35	88	45.6	+0.1	72	+7	22	29	3.05	+0.39	1.66	9	T.	6	16	9	5	nw.
Chewsville, 4 miles SE	Washington	630	46	41.4	-1.6	70	8	17	29	2.07	+0.02	1.32	7-8	T.	5	8	18	4	nw.
Coleman‡, 3 miles NW	do.	80	46	46.0	-0.7	71	8	26	29	3.49	+0.95	1.67	8-9	T.	7	15	10	5	nw.
College Park	Prince Georges	160	57	45.2	+0.1	73	+8	19	29	4.02	+1.62	2.88	8-9	T.	8	9	12	9	nw.
Conowingo Dam	Harford	40	8	41.7	.....	70	8	18	29	3.93	.....	2.07	8-9	0.5	6	15	10	5	.....
Crisfield	Somerset	5	24	51.2	+1.4	73	8	27	29	1.31	-1.03	1.67	2-3	T.	3	11	18	6	nw.
Cumberland	Allegany	623	73	41.6	-1.3	70	1	20	29	1.79	-0.16	1.02	7-8	T.	6	18	9	8	nw.
Dundalk, ½ mile S.	Baltimore	16	9	45.7	+1.0	68	8	27	29	2.33	-0.23	1.22	8-9	T.	7	16	10	4	nw.
Easton	Talbot	35	53	46.3	-0.4	73	8	24	+28	2.45	-0.11	1.63	2-3	T.	4	16	10	4	nw.
Edgemont‡, 1 mile SW	Washington	920	5	.....	.....	.....	.....	.....	.....	2.60	.....	1.80	7-8	T.	4	5	11	5	nw.
Elkton	Cecil	28	17	43.6	-2.1	70	9	20	+17	3.72	+1.21	1.66	2-3	T.	7	18	7	5	nw.
Emmitsburg, 2½ mi. SW	Frederick	720	77	43.6	+0.2	67	19	23	29	5.02	+2.33	3.89	8-9	T.	5	9	18	3	nw.
Fallston‡	Harford	450	74	43.8	0.0	67	7	22	+17	4.41	+1.66	2.12	2-3	0.8	7	10	15	5	nw.
Ferry Landing‡, 1½ miles S	Calvert	120	27	47.0	-0.3	73	8	23	17	3.06	+0.67	2.06	2-3	T.	2	14	9	7	nw.
Fort George G. Meade	Anne Arundel	195	2	44.6	.....	70	19	21	+28	3.12	.....	1.92	8-9	T.	6	9	5	5	nw.
Frederick	Frederick	297	74	42.4	-2.1	72	19	17	29	3.21	+0.86	2.00	8-9	T.	6	10	16	4	nw.
FRIENDSVILLE	Garrett	1,980	25	37.6	-3.1	76	1	11	29	2.57	+0.06	1.16	1-2	5.0	8	9	13	.....	.....
Frostburg	Allegany	1,950	42	40.3	-1.7	68	+1	19	29	2.13	-0.25	1.20	7-8	1.0	6	11	8	w.	.....
Georgetown	Cecil	25	7	45.9	.....	72	7	22	29	4.01	.....	1.95	2-3	T.	6	18	7	5	nw.
Germantown	Montgomery	460	8	43.4	.....	71	19	22	17	4.82	.....	3.70	8-9	T.	5	14	13	3	nw.
Grantsville	Garrett	2,320	49	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Great Falls‡	Montgomery	200	55	44.6	0.0	74	19	18	29	4.16	+0.05	3.02	8-9	T.	4	14	10	6	nw.
Hancock	Washington	428	34	.....	.....	.....	.....	.....	.....	2.13	+0.17	1.06	7-8	T.	6	11	13	5	nw.
Huntingtown	Calvert	160	8	45.3	.....	72	8	21	17	2.51	.....	1.40	2-3	T.	4	20	4	6	nw.
Kedysville	Washington	420	40	42.5	-1.8	72	19	17	29	2.47	+0.23	1.30	7-8	T.	6	10	15	5	nw.
La Plata	Charles	190	29	46.0	-1.1	75	8	19	+28	2.85	+0.56	1.70	2-3	T.	3	20	4	6	nw.
Laurel, 2 miles SW	Prince Georges	800	49	44.2	-0.8	71	19	20	+17	4.20	+1.84	3.33	8-9	T.	5	16	9	5	.....
Lake	Allegany	950	6	.....	.....	.....	.....	.....	1.70	.....	0.48	7-8	1.0	8	12	5	5	w.	
Maryland Line	do.	840	19	41.8	-2.5	68	19	19	17	4.36	+1.58	3.25	8-9	0.5	6	16	9	5	w.
Millington	do.	27	46	44.9	-1.0	75	8	19	29	2.49	-0.16	1.27	2-3	T.	5	5	17	8	w.
Mt. Savage Summit‡	Garrett	2,852	11	33.8	.....	61	6	12	14	2.29	+0.14	1.10	7-8	3.2	6	11	13	3	w.
Oakland, 1 mile SE	do.	2,420	46	36.4	-2.0	73	1	10	29	2.78	-0.04	0.66	+1-2	5.2	12	7	10	13	w.
Ocean City	Worcester	10	5	48.1	.....	69	7	28	17	2.00	.....	1.17	5	T.	6	17	8	5	nw.
Oxford	Talbot	10	7	48.5	.....	72	7	29	29	1.91	.....	1.29	2-3	T.	4	17	9	4	nw.
Perry Point	Cecil	40	3	.....	.....	.....	.....	.....	4.53	.....	2.09	2-3	T.	7	15	10	5	.....
Picard‡, 3 miles NE	Allegany	1,030	17	42.4	-1.9	67	8	15	29	2.21	+0.29	0.85	7-8	0.5	6	18	8	6	w.
Pleasant Hill‡	Baltimore	660	19	.....	.....	.....	.....	.....	4.25	+0.79	2.85	8-9	1.1	T.	6	13	12	5	nw.
Pocomoke City	Worcester	37	35	47.4	-1.8	75	8	27	+15	1.71	-0.64	2.78	2-3	T.	4	18	7	5	nw.
Prettyboy Dam‡	Baltimore	780	13	42.4	-2.1	67	19	22	+17	4.08	+1.02	2.80	8-9	0.5	6	17	8	5	nw.
Princess Anne	Somerset	17	68	46.4	-1.0	73	8	21	29	1.32	.....	1.04	5.8	2-3	T.	6	11	3	nw.
Ridgely	Caroline	67	58	45.9	-0.5	75	8	23	+29	3.71	+1.11	1.76	2-3	T.	4	16	11	4	nw.
Rock Hall	Kent	20	30	44.0	-3.0	70	8	22	28	3.10	+0.40	1.46	8-9	T.	6	15	11	4	nw.
Salisbury	Wicomico	9	37	48.0	+0.3	74	8	22	29	1.29	-0.49	0.72	2-3	T.	4	17	9	4	nw.
Silver Spring	Montgomery	310	5	45.1	.....	71	19	22	29	4.76	.....	3.58	8-9	T.	7	11	11	8	nw.
Sines (Deep Creek)‡	Garrett	2,030	19	35.6	-2.4	72	1	12	14	2.98	+0.40	1.36	1-2	3.7	13	8	9	13	.....
Snow Hill	Worcester	20	28	45.2	-2.8	73	2	20	29	2.22	-0.22	0.93	5	T.	5	17	8	5	nw.
Solomons	Calvert	20	52	49.0	+0.1	71	8	30	17	1.25	-0.59	0.75	2-3	T.	4	19	4	7	nw.
State Sanatorium	Frederick	1,460	55	41.3	-2.1	65	9	21	17	4.69	+2.10	3.59	8-9	T.	5	8	19	3	nw.
Takoma	Montgomery	320	45	46.2	+0.6	72	+8	28	29	5.16	+2.90	3.92	8-9	T.	7	8	14	8	nw.
Tonoloway‡	Washington	550	19	39.4	-3.9	68	+6	12	29	1.85	-0.15	0.86	7-8	T.	5	15	10	5	nw.
Towson	Baltimore	475	32	.....	.....	.....	.....	.....	3.96	+1.27	2.12	8-9	0.8	5	12	13	5	nw.	
Unionville	Frederick	430	4	41.8	.....	69	19	17	29	4.38	.....	2.92	8-9	0.2	6	15	12	3	nw.
Western Port	Allegany	1,000	50	42.8	-0.7	70	7	17	29	1.78	-0.17	0.92	7-8	0.5	7	5	16	10	nw.
Westminster	Carroll	770	84	43.4	-1.4	71	19	20	29	4.29	+2.04	2.92	8-8	T.	5	16	10	4	nw.
Williamsport, 2 mi. NW	Washington	360	5	.....	.....	.....	.....	.....	2.00	.....	1.06	7-8	T.	5	14	11	5	nw.	
Woodstock	Baltimore	415	74	42.4	-1.2	68	+8	15	29	3.89	+1.44	2.46	8-9	0.8	7	14	11	5	nw.
<i>Dist. of Columbia</i>		72	78	46.6	+1.4	72	8	28	17	4.23	+1.86	3.20	8-9	T.	7	10	12	8	nw.
<i>Delaware</i>																			
Bridgewater, 1 mile W.	Sussex	45	58	45.0	-1.6	74	8	20	29	1.87	-0.57	1.23	2-3	T.	5	19	7	4	nw.
Delaware City, 1 mi. SW	New Castle	10	57	46.1	0.0	69	9	24	17	3.66	+1.27	1.71	8-9	T.	5	19	6	5	nw.
Dover	Kent	34																	

Daily Precipitation for November 1943

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		
<i>Maryland</i>																																		
Aberdeen ²⁺	Atlantic	.47	1.79	.04					1.09	.33	.04		T.		T.		T.		T.		T.	.20	.01										3.97	
Annapolis ²⁺	do	.77	.26		T.				.51	.09	.03		T.		T.		T.		T.		T.	.05	T.										1.71	
Baltimore ¹⁺	do	.68	.24	.02					1.34	.23	.07		T.		T.		T.		T.		T.	.19											2.77	
Bell	do	.76							.04		.08	1.51																						2.83
Beltsville ¹	do	.86							.02		.01	2.65																						3.72
Blackwater ¹	do	.80							.02		.70		.08																					1.70
Charlotte Hall	do	1.21							T.	.72		T.																						1.99
Cheltenham ⁴	do	1.66							T.	1.84		T.																						3.04
Chestertown ³	do	.02	1.20						.02		.16	.15																					3.05	
Chewsboro ¹	do	.36	.13						T.	.62	.70	T.																					2.07	
Coleman	do	* 1.42							.04		2.140	.18																					3.49	
College Park	do	.02	.84						T.	20.2	.68	.03		.02																		4.02		
Conowingo Dam ⁴	do	1.31							T.	.08	.02	2.08																					3.93	
Crisfield	do	.67							T.	.40		.24	T.																				1.31	
Cumberland ⁴	do	1.41							T.	.62	.40	T.	.07																				1.79	
Dundalk ⁵	do	.75	1.13	.04					T.	1.11	.11	.06		T.		T.		T.		T.		T.	.18									2.33		
Easton	do	1.63							T.	.51	.65	.05		T.		T.		T.		T.		T.										2.45		
Edgemont ⁴	do	T. .50							T.	10.1	.70	T.																				2.60		
Elikton	do	* 1.66							.03		.42	1.18																				3.72		
Emmitsburg	do	* .78							T.		* 3.89	T.																				5.02		
Fallston	do	14.98							.06		.42	1.57																				4.41		
Ferry Landing	do	2.06							T.	1.00		T.																				3.06		
Fort George G. Meade	do	.02	.92						T.	.08	1.84	.02		T.		T.		T.		T.		T.									3.12			
Frederick	do	.08	.88						T.	1.29	.71	.01		T.		T.		T.		T.		T.									3.21			
Friendsville	Ohio	1.16	15						T.	.48	T.	.05	.25																			2.57		
Frostburg	Atlantic	.42	.27						T.	.90	.30	T.	.04																			2.13		
Georgetown	do	T. 1.95							.01		30.1	4.00																			4.01			
Great Falls ⁴	do	.15	.75						T.	1.80	1.90	T.																			4.82			
Hancock ⁴	do	.84							T.	.04	2.98		T.		T.		T.		T.		T.		T.								4.16			
Huntingtown	do	.16	.66						T.	.50	.56	T.	.08	T.		T.		T.		T.		T.									2.13			
Kedysville	do	.27	.64						T.	.01	.07	T.																				2.51		
La Plata	do	* 1.70							T.	.80	.50	.01		T.		T.		T.		T.		T.								2.47				
Laurel	do	.86							T.	1.10		T.																			4.30			
Luke ⁴	do	.20	.88						T.	.38	.44	T.	.03	T.		T.		T.		T.		T.								1.70				
Maryland Line	do	.00	.73						T.	.80	2.45	.05																			4.36			
Millington	do	T. 1.27							T.	.03	.88	.16		T.		T.		T.		T.		T.									2.49			
Mt. Savage Summit ⁶	do	.12	.41						T.	.28	.88	T.	.12																		2.29			
Oakland	Ohio	.66	.50						T.	.66	.10	.08	.26																		2.78			
Ocean City ⁵	Atlantic	.03	.56	1.17					T.	.10	.11	T.																		2.00				
Oxford	do	1.29							T.	.01	.49	T.																			1.91			
Perry Point	do	.09	2.00						T.	.06		48.1.46	.14																	4.53				
Picardy	do	.30	.82						T.	.46	.85	.05		T.		T.		T.		T.		T.								2.21				
Pleasant Hill ¹	do	1.09							T.	.01	.05	2.80	.06	T.		T.		T.		T.		T.								4.25				
Pocomoke City ⁴	do	* .78							T.	.52	.40			T.		T.		T.		T.		T.								1.71				
Prettyboy Dam	do	.58		.10	.30				T.	.20	.23	T.	.05																	4.08				
Princess Anne	do	.58		.10	.30				T.	.74		T.	.07																	1.32				
Ridgely	do	1.76							T.	.20	1.26	.14		T.		T.		T.		T.		T.								3.71				
Rock Hall	do	.03	1.34						T.	.38	.14	T.																		3.10				
Salisbury	do	.72							T.	.34	1.11	.03		T.		T.		T.		T.		T.								1.29				
Silver Spring	do	.03	.85						T.	.03																					4.76			
Sines ²	Ohio	.39	1.01	.01					T.	.03	.47	.06	.11	.16																2.98				
Snow Hill ¹	Atlantic	.12	.74	.93					T.	.20	.23	T.																		2.22				
Solomons	do	.75		T. .01					T.	.43		T.																		1.25				
State Sanatorium	do	.49	.48						T.	2.28	.97	T.																		4.69				
Takoma	do	.08	.87						T.	.27	3.65	.03		T.		T.		T.		T.		T.							5.16					
Towoloway	do	.60	.15						T.	.75	.11	T.																		1.85				
Towson ¹	do	* 1.42							T.	.05		2.12	.07																3.96					
Unionville	do	.25	.96						T.	1.97	.95	.02		T.		T.		T.		T.		T.							4.38					
Western Port	do	.26	.25						T.	.85	.07	.05		.10		T.		T.		T.		T.							1.78					
Westminster ⁴	do	1.05							T.	.05	2.87	.02		T.		T.		T.		T.		T.							4.29					
Williamsport ⁴	do	T. .63		.01					T.	.36																								

CLIMATOLOGICAL DATA: MARYLAND AND DELAWARE SECTION

NOVEMBER 1943

Daily Temperatures for November 1943—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.....	58	60	55	54	58	62	69	70	70	49	44	48	46	44	54	52	49	50	60	63	54	53	44	51	61	60	56	42	39	40	38	53.5
	Minimum.....	39	44	40	34	32	39	42	52	39	34	33	31	33	26	25	37	23	24	27	33	33	32	31	31	36	27	29	25	24	28	32.8	
Annapolis.....	Maximum.....	57	65	55	56	60	63	64	66	47	43	48	46	42	48	58	42	48	56	58	50	47	55	61	55	56	43	38	41	30	33	53.0	
	Minimum.....	48	52	44	41	44	43	48	55	40	35	33	32	36	32	36	34	29	32	40	42	35	31	38	38	32	31	30	33	30	38.3		
Baltimore (U.S.W.B.).....	Maximum.....	61	63	56	57	58	65	66	68	67	50	44	49	46	48	56	43	53	70	63	55	50	48	56	64	65	58	44	39	41	41	55.3	
	Minimum.....	47	50	42	41	42	48	45	55	39	36	35	38	36	33	37	34	30	34	39	44	35	34	39	42	38	38	33	29	33	38.8		
Bell.....	Maximum.....	65	64	63	58	60	69	69	70	70	48	45	50	48	45	59	58	47	55	72	69	52	52	59	65	65	64	53	40	42	58.0		
	Minimum.....	35	41	40	34	25	23	32	36	52	48	26	32	22	31	27	20	44	15	19	24	30	31	38	28	30	24	21	26	16	22	29.5	
Blackwater §§.....	Maximum.....	62	64	55	56	58	67	67	68	58	48	41	46	49	43	56	54	41	52	59	64	63	47	45	53	60	62	56	42	40	40	53.9	
	Minimum.....	39	45	47	44	36	37	38	41	51	36	36	34	35	34	26	41	25	25	26	36	40	40	34	35	36	28	28	24	24	25	34.9	
Charlotte Hall.....	Maximum.....	64	66	54	56	60	69	68	73	70	48	45	50	51	45	64	62	48	56	69	64	64	60	60	60	60	50	41	43	43	58.4		
	Minimum.....	41	49	45	39	39	36	45	54	47	32	32	27	35	27	25	44	23	27	35	36	38	39	30	34	35	32	31	30	25	22	35.2	
Cheltenham §§.....	Maximum.....	64	65	54	56	60	69	74	56	48	49	49	48	43	60	52	43	55	71	67	62	47	48	57	62	65	58	43	40	42	55.9		
	Minimum.....	41	42	44	38	32	34	37	44	49	32	34	29	29	26	32	22	22	25	35	36	40	33	29	24	23	23	23	22	32.6			
Chestertown §.....	Maximum.....	65	65	62	59	61	68	72	72	70	52	45	49	49	47	58	56	45	53	63	65	61	55	45	54	65	63	56	45	42	42	56.8	
	Minimum.....	38	44	44	37	35	41	41	50	43	33	32	30	36	32	36	32	24	27	35	35	36	35	32	30	33	27	22	28	34	34.4		
Chewsville.....	Maximum.....	51	60	55	51	52	64	66	20	68	44	40	48	45	40	54	54	40	52	67	59	56	48	46	54	59	50	41	34	39	52.5		
	Minimum.....	37	44	43	32	25	32	45	57	53	34	20	23	22	26	22	18	23	26	28	33	27	33	26	22	20	20	17	22	30.4			
Coleman.....	Maximum.....	63	68	60	57	61	64	70	71	70	51	45	49	46	45	56	55	45	51	64	63	58	57	44	52	62	63	55	54	43	40	55.9	
	Minimum.....	40	44	45	40	34	37	42	51	45	34	32	33	38	31	31	43	28	27	35	36	31	35	37	33	30	26	29	29	36.0			
College Park.....	Maximum.....	64	63	62	56	60	68	73	73	73	48	45	50	48	45	57	59	46	54	64	64	61	56	46	53	64	65	53	40	42	57.7		
	Minimum.....	39	48	45	37	25	35	40	52	56	30	33	26	36	30	34	20	24	45	31	33	29	25	28	21	19	27	27	32.6				
Conowingo Dam §§.....	Maximum.....	57	62	53	54	55	63	66	70	54	42	47	47	45	52	51	39	49	54	55	47	43	48	51	57	56	45	40	39	40	51.8		
	Minimum.....	33	40	39	33	29	33	38	49	47	29	35	32	30	27	24	35	32	31	30	35	33	30	24	27	28	18	24	24	31	31.6		
Crisfield.....	Maximum.....	65	64	68	63	62	70	73	71	65	52	58	53	50	60	58	53	60	66	66	60	56	57	58	61	59	57	53	50	50	60.8		
	Minimum.....	43	51	50	46	42	47	48	57	53	41	38	34	36	42	49	32	33	40	44	43	35	39	38	37	46	31	27	32	41.5			
Cumberland §§.....	Maximum.....	70	58	48	46	47	66	65	64	44	41	47	40	44	63	43	59	64	54	43	48	56	60	51	44	34	42	34	42	51.8			
	Minimum.....	43	44	45	40	26	27	31	42	41	36	32	33	28	28	25	25	35	31	31	30	33	38	35	37	25	22	27	34.3				
Easton.....	Maximum.....	64	68	62	55	61	67	69	73	70	50	45	48	47	45	59	56	48	52	64	64	61	56	54	63	65	51	43	41	56.4			
	Minimum.....	40	48	45	42	35	39	40	52	50	36	35	33	30	34	30	26	27	45	23	26	36	35	39	34	32	24	29	32.6				
Elkton.....	Maximum.....	65	66	58	62	66	68	70	70	49	48	48	42	48	45	55	52	43	51	65	66	56	52	43	54	61	64	56	46	40	55.2		
	Minimum.....	35	39	40	34	29	35	40	50	45	29	32	28	21	28	25	20	25	25	21	31	32	33	35	36	30	28	20	28	31.9			
Emmitsburg.....	Maximum.....	59	55	54	50	52	62	65	65	65	45	42	49	45	42	45	50	41	50	67	64	60	56	46	55	58	57	54	50	50	60.8		
	Minimum.....	42	48	42	38	32	38	44	52	39	32	29	23	27	29	30	27	29	30	24	30	32	34	30	33	32	27	23	32	34.8			
Fallston.....	Maximum.....	61	60	57	55	57	67	65	65	47	43	48	43	44	53	52	40	51	65	64	57	51	45	52	59	60	55	42	39	53.3			
	Minimum.....	40	44	43	34	33	35	45	52	42	29	32	28	24	30	22	28	20	22	27	32	31	33	30	35	37	32	22	27	34.3			
Ferry Landing.....	Maximum.....	65	66	59	59	60	69	73	71	50	45	50	50	47	61	60	46	56	68	68	62	55	52	50	56	56	50	45	40	40	55.6		
	Minimum.....	42	50	45	39	36	37	40	54	46	32	35	29	26	30	24	29	26	30	36	39	32	34	33	34	35	32	24	21	31	31.6		
Fort George G. Meade.....	Maximum.....	62	61	60	53	58	68	66	67	65	48	43	48	46	45	54	52	45	54	60	65	64	56	57	56	54	49	41	42	42	56.6		
	Minimum.....	39	44	46	36	34	33	43	51	49	30	28	35	32	35	25	25	25	35	35	38	32	35	36	30	21	23	28	35	35.5			
Frederick.....	Maximum.....	64	60	56	53	56	68	65	67	67	46	41	49	46	43	53	52	48	52	72	63	58	51	49	57	59	61	55	42	39	40	54.6	
	Minimum.....	35	41	40	36	25	30	33	53	39	34	32	27	31	22	29	22	27	30	33	30	33	30	30	33	30	22	22	27	30.6			
Friendsville.....	Maximum.....	76	63	52	58	56	64	64	66	46	32	34	34	40	47	37	57	52	35	60	56	48	43	45	55	57	50	47	37	34	49.8		
	Minimum.....	38	37	35	29	20	30	35	44	41	31	28	26	22	23	25	21	26	24	31	34	32	33	33	30	22	22	27	22	31.3			
Huntingtown.....	Maximum.....	62	65	56	59	68	67	72	72	47	42	48	47	44	51	57	46	53	68	67	59	54	49	55	56	52	45	41	35	34	34.1		
	Minimum.....	40	47	42	36	39	46	55	56	42	38	34	37	34	32	28	24	23	25	30	31	32	33	34	32	27	27	27	34.5				
Keedysville.....	Maximum.....	63	59	55	56	56	68</																										