

CLIMATOLOGICAL DATA

15

MARYLAND AND DELAWARE SECTION

J. BILY, jr.

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No. 7

GENERAL SUMMARY

This July was dry and sunny. It was moderately warm, except moderately cool in the Allegheny Mountain region. It was the second driest July on record in Delaware. A drought prevailed from June 24 to July 12, inclusive. Light to heavy showers fell during the 13-14th, 16th, and 19th-21st. Showers were light to moderate, but local in occurrence, during the 24th-31st. The warmest periods were 5-12th and 23d-31st. Cool periods were 1st-3d, 14-15th, and 18th-22d. Monthly sunshine was 10% above normal. Local severe thunder gusts occurred on the 16th, 26th, 27th, and 30th.

Monthly rainfall was mostly below 2 inches over the eastern half of the Eastern Shore, in Cecil County, and over most of north-central Maryland and between 2 and 4 inches over the remainder of the section, except above 4 inches over the west-central portion of the Eastern Shore with a maximum of 7.17 inches at Oxford.

Growing crops were mostly fair to good and continued ahead of normal. Pastures declined during the first decade to mostly poor and continued so thereafter, except they were fair to good in the Allegheny Mountain region.

Barley yielded good to heavy. Cutting wheat and rye ended the first week, except cutting began the first week and ended the last week in the Allegheny Mountain region. Wheat and rye were yielding fair to heavy. Cutting oats ended the last week in the southern and central counties, but was unfinished in the northern counties, except not yet begun in the Allegheny Mountain region. Harvesting field peas in the Allegheny Mountain region began the first week and ended the last week; yields were mostly fair. Cherry and raspberry harvests ended the second week.

Digging early potatoes began the first week, picking early tomatoes began the second week, and pulling corn began the last week, except in the Allegheny Mountain region. Buckwheat bloomed in the Allegheny Mountain region. Field corn plants were earing or eared during the last week. Harvesting string beans, cucumbers, carrots, cabbages, and other truck crops, picking early tree fruits, and haying were in progress. Sweet potato plants vined nicely. Tobacco plants were good.

TEMPERATURE

The monthly mean for the section, 76.0°, is 0.7° above normal. The highest monthly mean was 79.5° at Solomons; the lowest, 66.2°, at Oakland. The highest temperature, 100°, occurred at La Plata on the 7th and at Picardy on the 12th; the lowest, 39°, at Oakland on the 22d. The greatest local monthly range was 53° at Friendsville; the least, 30°, at Annapolis.

PRECIPITATION

The monthly average for the section, 2.48 inches, is 1.79 inches below normal. The greatest monthly rainfall was 7.17 inches at Oxford; the least, 1.08 inches at Great Falls. The greatest 24-hour rainfall was 2.30 inches at Crisfield on the 13-14th and at Friendsville on the 12-13th.

ERRATA

June 1944.—Page 23: Luke, precipitation on 16th should be .06 and on 17th should be T.

SEVERE THUNDERGUSTS

Talbot County, from north to south, 16th: At Easton, 7:30 p.m., E. S. T., a hardware store was unroofed, some homes were damaged, some trees were uprooted, and some power and telephone lines were broken. At Trappe, 8:15 p.m., E. S. T., 2 canneries (1 of cinder block, newly completed) were wrecked. Southern and eastern portions of Baltimore, path 1 mile wide, southwest to northeast, 3:48 p.m., E. S. T., 26th: about 100 trees were uprooted, several autos were damaged and some power lines were broken by falling trees, some wire poles were felled, 18 window awnings were ripped to shreds and a convent was unroofed; a home and a church steeple were damaged by lightning; property damage estimated at \$10,000. Frederick, path 1 mile wide, southwest to northeast, 5:55 p.m., E. S. T., 26th: the Army Salvage Center, the Frederick High School Auditorium, and a residence were unroofed, several trees were uprooted in Baker Park, and some telephone lines were broken; the radio aerial tower was struck by lightning; property damage estimated at \$25,000. Hyde Park on Back River in southeastern Baltimore County, narrow path, southwest to northeast, 9 p.m., E. S. T., 27th: 2 cottages were unroofed, a third cottage was damaged by a falling tree, a stone chimney was blown down, a front porch was blown away, some windows were blown out, and some trees were uprooted; property damage estimated at \$2,000. Baltimore, path 1 mile wide, southwest to northeast, 5:30 p.m., E. S. T., 30th: about 50 trees were uprooted and branches were broken off other trees; no property damage.

MISCELLANEOUS PHENOMENA (WITH DATES)

Fogs, light.—3 to 11, 13 to 28, 30. Fogs, dense.—8, 9, 14 to 16, 19 to 21, 25.
Hail, light.—11, 14, 16, 25, 29, 27, 30. Hail, heavy.—Longwoods (7:00 E. S. T.) and Trappe (8:15 p.m., E. S. T.) districts, 16th; paths 1 to 1 mile wide; heavy loss of tomatoes, corn, and other crops, no money estimate. An unusually large number of window panes were broken at Trappe, where a hailstone 3 inches thick was found by Mr. Harvey Mushaw. Hail, solar.—26, 28. Rainbows.—Baltimore, 11, 24.
Thunderstorms and Thundergusts.—2, 10 to 16, 18 to 21, 24 to 31.

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)

Precipitation, 1.82; evaporation, 8.64; average daily wind movement, 64.2.

PRESSURE, HUMIDITY, SUNSHINE, WIND, DEGREE DAYS

Stations	Atmospheric pressure reduced to sea level				Wind				Mean relative humidity			Percentage of sunshine	Cooling degree days (base 75°)
	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.	30.28	3	29.56	27	9.1	36	sw.	30	74	48	60	77	78
Annapolis, Md.	30.25	3	29.60	27	9.3	36	sw.	30	74	48	60	77	151
Baltimore, Md.	30.28	3	29.63	27	9.3	36	sw.	30	74	48	60	77	151
Elkins, W. Va.	30.30	4	29.70	27	4.6	24	w.	19	88	48	71	68	4
Harrisburg, Pa.	30.28	3	29.63	27	7.0	32	se.	19	76	42	54	85	91
Norfolk, Va.	30.25	4	29.68	27	9.3	34	nw.	27	81	56	69	80	138
Philadelphia, Pa.	30.29	3	29.60	27	7.6	25	sw.	30	77	42	56	67	143
Pittsburgh, Pa.	30.25	3	29.67	27	8.3	34	sw.	28	75	46	50	65	72
Washington, D. C.	30.26	3	29.63	27	6.8	24	w.	24	74	46	58	69	140

COMPARATIVE DATA FOR JULY

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.....	71.0	102	32	3.40	0.0	8	72.5	100	52	3.04	0.0	8
1896.....	75.7	99	40	5.39	0.0	11	77.2	99	53	4.71	0.0	11
1897.....	75.6	102	41	6.82	0.0	12	75.9	94	59	8.46	0.0	17
1898.....	77.4	109	32	3.53	0.0	9	77.5	99	51	4.09	0.0	8
1899.....	75.6	100	37	3.45	0.0	10	76.9	98	52	6.11	0.0	10
1900.....	77.2	106	35	3.25	0.0	8	78.7	100	54	2.69	0.0	7
1901.....	78.7	106	40	5.41	0.0	11	80.2	104	59	5.62	0.0	9
1902.....	75.7	104	43	3.76	0.0	10	76.4	104	52	3.22	0.0	9
1903.....	75.1	100	41	5.63	0.0	11	75.3	100	50	4.20	0.0	8
1904.....	73.4	102	35	5.19	0.0	12	74.2	98	51	5.97	0.0	13
1905.....	75.2	101	42	7.63	0.0	14	75.9	101	56	5.25	0.0	12
1906.....	73.9	96	42	5.08	0.0	12	74.9	95	55	6.95	0.0	13
1907.....	74.6	99	39	3.98	0.0	9	75.9	96	53	3.66	0.0	7
1908.....	76.5	102	38	4.80	0.0	11	78.2	100	52	5.46	0.0	10
1909.....	73.1	98	32	1.57	0.0	5	73.9	98	49	2.12	0.0	6
1910.....	75.9	98	42	2.43	0.0	8	77.0	95	51	3.53	0.0	9
1911.....	76.9	106	35	2.67	0.0	6	78.0	102	49	2.87	0.0	7
1912.....	74.2	99	43	5.40	0.0	11	75.4	98	51	4.44	0.0	9
1913.....	75.6	102	38	2.86	0.0	9	77.2	98	50	2.22	0.0	7
1914.....	74.3	101	35	2.74	0.0	10	75.3	99	53	5.43	0.0	10
1915.....	74.2	103	36	3.31	0.0	12	76.4	100	55	3.11	0.0	10
1916.....	75.9	100	42	5.46	0.0	10	76.4	93	53	5.91	0.0	9
1917.....	74.8	102	45	6.41	0.0	14	75.8	100	56	6.07	0.0	13
1918.....	72.4	99	38	3.16	0.0	9	74.0	97	46	2.34	0.0	6
1919.....	75.5	105	41	7.38	0.0	12	75.7	105	47	10.90	0.0	12
1920.....	72.8	98	37	4.65	0.0	9	74.3	96	48	4.89	0.0	9
1921.....	77.6	101	45	4.32	0.0	10	78.4	98	58	3.50	0.0	10
1922.....	74.7	99	43	5.83	0.0	12	75.3	96	56	6.39	0.0	10
1923.....	73.9	101	39	4.48	0.0	11	73.6	97	49	5.58	0.0	10
1924.....	72.9	100	42	2.36	0.0	7	73.7	94	52	3.31	0.0	6
1925.....	74.6	100	36	5.04	0.0	10	76.2	98	49	5.24	0.0	11
1926.....	74.8	107	38	5.21	0.0	12	75.9	102	51	10.47	0.0	14
1927.....	74.0	100	39	3.64	0.0	10	75.0	96	48	5.46	0.0	9
1928.....	75.5	99	40	4.22	0.0	10	76.7	98	51	4.88	0.0	11
1929.....	74.2	101	34	1.76	0.0	7	75.6	102	46	1.28	0.0	5
1930.....	76.9	108	38	1.41	0.0	6	78.3	110	50	3.00	0.0	8
1931.....	77.5	103	44	4.70	0.0	12	78.9	100	55	3.12	0.0	11
1932.....	74.6	99	41	3.10	0.0	9	76.2	91	53	2.44	0.0	9
1933.....	74.0	102	37	5.34	0.0	8	75.0	99	50	5.50	0.0	7
1934.....	78.4	107	42	2.97	0.0	8	78.7	101	52	7.39	0.0	10
1935.....	76.9	101	42	4.23	0.0	10	77.1	97	53	4.33	0.0	9
1936.....	75.8	109	38	4.20	0.0	10	76.1	105	55	4.01	0.0	11
1937.....	74.8	100	39	3.96	0.0	10	76.0	97	53	2.64	0.0	8
1938.....	75.8	99	42	7.00	0.0	14	76.7	96	50	9.69	0.0	16
1939.....	73.8	97	39	3.59	0.0	11	75.0	94	50	2.22	0.0	8
1940.....	74.9	103	37	3.45	0.0	9	75.5	102	48	2.37	0.0	8
1941.....	75.3	104	42	5.18	0.0	12	75.7	100	56	5.86	0.0	14
1942.....	75.9	102	44	4.76	0.0	11	76.8	100	53	5.73	0.0	10
1943.....	75.4	98	35	2.42	0.0	10	76.0	95	47	2.88	0.0	10
1944.....	75.9	100	39	2.57	0.0	7	76.9	99	50	1.81	0.0	6
1945.....												
Period.....	75.2	109	32	4.22	0.0	10	76.2	110	46	4.64	0.0	10

Climatological Data for July 1944

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 in. or more	Clear	Partly cloudy		Cloudy	Prevailing direction of wind
Maryland																				
Aberdeen ¹ , 4 miles SE.	Harford	61	26	76.2	+0.5	97	7	53	22	2.84	-1.46	1.00	19-20	0.0	8	14	12	5	s.	U. S. Army
Annapolis ¹	Anne Arundel	4	79	76.8	-0.6	92	12	62	22	3.15	-1.30	1.87	14	0	8	12	13	6	s.	U. S. Navy
Baltimore ¹ (central).	Prince Georges	14	74	79.7	+2.5	97	25	61	22	2.81	-1.83	1.83	26	0	7	12	16	3	s.	U. S. Weather Bureau
Bell ¹	Prince Georges	151	24	76.0	+0.3	98	7	48	22	3.25	-0.63	1.23	13-14	0	9	15	12	4	sw.	Bureau Plant Industry
Beltville, 1 mi. ESE	Prince Georges	120	7	76.0	.....	98	17	48	22	1.82	.....	1.05	19-20	0	4	.....	.....	.....	.....	J. B. Shepherd
Bethesda, 1 1/2 mi. WNW	Montgomery	550	1	.....	.....	95	6	53	14	4.49	.....	1.35	20	0	8	19	9	3	sw.	Albert E. Rogers
Blackwater ¹	Dorchester	5	4	76.2	.....	95	6	53	14	4.49	.....	1.35	20	0	8	19	9	3	sw.	National Wildlife Refuge
Cambridge, 3 1/2 miles W	do.	13	51	.....	.....	95	6	53	14	4.49	.....	1.35	20	0	8	19	9	3	sw.	Miss. Aileen Harding
Charlotte Hall, 2 1/2 mi. E	St. Marys	167	23	77.0	+0.3	97	7	52	4	3.43	-2.05	2.02	20	0	8	17	10	4	sw.	J. Burch Tennyson
Cheltenham, 1 1/2 mi. NW	Prince Georges	230	44	76.6	+0.8	96	12	54	14	3.47	-1.03	1.34	19-20	0	8	10	17	4	sw.	U. S. Magnetic Obs'y.
Chestertown	Kent	35	39	77.9	+1.8	98	7	54	22	4.21	+0.12	1.16	13-14	0	9	22	8	1	s.	Mrs. M. C. Eliason
Cheswille, 1/2 mile SE	Washington	630	47	75.1	+1.0	94	16	49	22	2.18	-1.62	1.70	12	0	8	7	22	2	se.	D. Paul Oswald
Clear Spring, 1 1/2 mi. NE	Washington	560	45	75.8	+1.6	97	7	49	22	1.93	-2.05	1.76	13	0	8	11	18	2	w.	Mrs. Leo A. Cohill
Coleman ¹ , 3 miles NW	Kent	80	47	77.8	+1.2	95	16	59	14	1.99	-2.43	1.66	13-14	0	9	23	6	2	sw.	Walter B. Harris
College Park	Prince Georges	160	58	76.9	+1.3	96	16	51	22	2.02	-2.09	1.12	19-20	0	6	11	17	3	se.	Russell G. Brown
Conowingo Dam	Harford	40	9	75.7	.....	95	16	51	22	2.00	.....	1.85	16	0	6	21	7	3	.....	Susquehanna Electric Co.
Crisfield	Somerset	5	25	79.4	+1.8	97	30	59	4	3.56	-1.58	2.30	13-14	0	5	19	9	3	s.	Grover C. Adams, Sr.
Cumberland	Allegany	623	74	75.8	+1.3	98	12	50	22	2.20	-1.07	1.35	19	0	6	22	7	2	.....	J. E. Banged
Dundalk, 1/2 mile S.	Baltimore	16	10	79.2	+2.5	96	17	62	22	1.40	-3.24	1.41	16	0	8	12	14	5	s.	U. S. Airport Station
Easton	Talbot	35	54	77.1	+0.8	95	7	54	22	4.31	-0.11	1.19	16	0	9	25	3	3	s.	Clement E. Bray
Edgemont ¹ , 1 mile SW	Washington	920	6	.....	.....	95	7	50	22	2.48	.....	1.05	29	0	6	.....	.....	.....	.....	Lee G. Harne
Elkton	Cecil	28	18	77.2	+1.0	98	7	50	22	1.40	-2.68	1.78	13-14	0	6	26	3	2	sw.	H. W. Bouchelle
Emmitsburg, 2 1/2 mi. SW	Frederick	720	78	77.4	+2.2	96	12	55	22	1.81	-2.45	1.37	12-13	0	8	14	15	2	s.	Mt. St. Mary's Seminary
Fallston ¹	Harford	450	75	76.1	+1.9	95	17	56	22	2.00	-2.42	1.26	13	0	9	12	17	2	s.	Miss Dora Curtiss
Ferry Landing ¹ , 1 1/2 mi S	Calvert	120	28	77.4	+1.3	98	7	55	22	3.53	-1.35	1.94	19-20	0	9	20	7	4	se.	Thos. J. Bourne
Fort George G. Meade	Anne Arundel	195	3	76.5	.....	98	7	55	14	1.93	.....	1.82	19-20	0	4	17	11	3	sw.	U. S. Army
Frederick	Frederick	297	75	75.4	-1.2	98	7	49	22	3.06	-0.97	1.26	12-13	0	9	9	19	3	se.	D. J. Markey, Jr.
Frederick Airport ¹	do.	380	1	76.4	.....	99	12	50	22	2.90	.....	1.06	26	0	5	9	19	3	sw.	U. S. Weather Bureau
Friendsville	Garrett	1,980	26	68.4	-0.7	94	6	41	2	4.19	-0.62	2.30	12-13	0	6	15	11	5	.....	Joab J. Friend
Frostburg	Allegany	1,950	43	71.2	-0.6	94	11	45	2	2.77	-1.01	1.20	19	0	7	15	14	2	sw.	S. Graff Haverstick
Georgetown	Cecil	25	8	77.6	.....	95	17	53	22	1.35	.....	1.60	13-14	0	7	26	4	1	se.	Capt. N. L. Riggan
Germantown	Montgomery	460	4	76.4	.....	98	30	53	22	1.42	.....	1.76	12-13	0	3	21	7	3	s.	Ralph F. Staley
Grantsville	Garrett	2,320	50	.....	.....	95	17	53	22	1.35	.....	1.60	13-14	0	7	26	4	1	se.	Floyd J. Miller
Great Falls ¹	Montgomery	200	56	77.3	+1.5	98	16	54	4	1.08	-2.85	1.67	19-20	0	5	16	11	4	sw.	John E. Bissett
Hancock	Washington	428	35	.....	.....	95	17	52	3	2.33	-1.16	1.28	20	0	9	21	6	4	se.	Marvin K. Murray
Huntingtown	Calvert	160	9	75.4	.....	95	17	52	3	4.38	-1.16	1.28	20	0	9	21	6	4	se.	Elmer O. Bowen
Keedysville	Washington	420	41	76.4	+0.6	98	16	50	22	2.07	-1.68	1.58	29	0	8	12	17	2	sw.	J. A. Miller
La Plata	Charles	190	30	78.4	+2.1	100	7	52	4	4.10	-0.23	1.40	19-20	0	8	17	10	4	s.	Wallace S. Barnes
Laurel, 2 miles SW	Prince Georges	300	50	.....	.....	95	17	53	22	1.35	.....	1.60	13-14	0	7	26	4	1	se.	Evans G. Chaney
Luke	Allegany	950	7	.....	.....	95	17	53	22	1.35	.....	1.60	13-14	0	7	26	4	1	se.	J. G. Patrick
Maryland Line	Baltimore	840	20	74.6	+0.3	94	16	53	22	1.41	-2.60	1.93	19-20	0	2	17	12	2	w.	Chester L. Fulton
Millington	Kent	27	47	76.8	+0.7	97	7	53	22	2.64	-1.97	1.16	16	0	7	24	6	1	s.	Henry L. Higman
Mt. Savage Summit ¹	Garrett	2,852	12	67.6	.....	87	10	45	22	2.16	-1.21	1.93	19	0	6	8	18	5	w.	U. S. Airway Station
Oakland, 1 mile SE	do.	2,420	47	66.2	-1.0	90	12	39	22	2.22	-2.45	1.04	12-13	0	8	12	15	4	w.	R. E. Weber
Ocean City	Worcester	10	6	74.2	.....	89	6	62	12	1.95	.....	1.04	20-21	0	8	20	8	3	s.	U. S. Airway Station
Oxford	Talbot	10	8	78.4	.....	97	7	59	4	7.17	.....	1.89	29	0	8	25	3	3	sw.	Henry Wilcox
Perry Point	Cecil	40	4	.....	.....	95	17	53	22	1.35	.....	1.09	16	0	8	22	5	4	.....	Veterans Administration
Picardy ¹ , 3 miles NE	Allegany	1,080	18	74.6	+0.3	100	12	50	22	2.25	-0.83	1.90	12-13	0	6	27	2	2	w.	Oscar R. Day
Pocomoke City	Worcester	37	36	.....	.....	95	17	53	22	1.35	.....	1.60	13-14	0	7	26	4	1	se.	Raymond C. Dryden
Prettyboy Dam ¹	Baltimore	780	14	75.1	+0.4	95	28	54	22	1.09	-2.54	1.62	19-20	0	3	.....	.....	.....	.....	C. W. Hendrix
Princess Anne	Somerset	17	69	76.1	0.0	94	17	51	4	2.59	-2.12	1.51	13-14	0	7	18	10	3	sw.	James R. Stewart
Ridgely	Caroline	67	54	77.5	+1.1	99	7	54	22	3.17	-1.34	1.55	14	0	7	23	4	4	s.	William Vernon Blades
Rock Hall	Kent	20	31	78.0	+1.0	97	6	52	22	4.29	-0.42	2.04	14	0	9	21	8	2	s.	Geo. C. Simms
Salisbury	Wicomico	30	38	77.6	+0.9	95	28	55	4	1.84	-2.39	1.60	29	0	6	22	6	3	s.	City of Salisbury
Silver Spring	Montgomery	310	6	77.4	.....	96	6	55	22	1.29	.....	1.96	19-20	0	6	12	15	4	s.	O. L. Harvey
Sines ¹ (Deep Creek) ¹	Garrett	2,030	20	66.6	-0.9	88	16	41	22	4.00	-0.37	1.12	12-13	0	8	15	12	4	.....	C. E. MacMurray
Snow Hill	Worcester	20	29	77.0	+1.1	98	7	53	4	2.87	-1.66	1.18	13-14	0	6	18	10	3	s.	U. S. Airway Station
Solomons	Calvert	53	39	79.5	+1.4	98	30	62	22	2.98	-1.42	1.75	21-30	0	8	19	9	3	s.	Chesapeake Biological L'b.
State Sanatorium	Frederick	1,460	36	75.0	+1.0	94	17	53	22	2.26	-1.90	1.85	12-13	0	7	13	16	2	.....	Dr. V. F. Cullen
Takoma	Montgomery	320	46	77.7	+2.2	96	6	56	22	1.56	-2.34	1.08	19-20	0	3	11	16	4	.....	Guy L. Seaman
Tonoloway ¹	Washington	550	20	72.9	-0.9	97	12	46	22	2.01	-1.21	1.85	19-20	0	7	27	2	2	.....	American Fruit Growers
Towson	Baltimore	475	33	.....	.....	96	12	48	22	1.99	-1.69	1.14	13-14	0	4	17	12	2	w.	S. Elmer Parks
Unionville	Frederick	430	5	74.9	.....	96	12	48	22	2.60	.....	1.51	19-20	0	6	21	8	2	sw.	G. Plitt Von Eiff, Jr.
Western Port	Allegany	1,000	51	73.0	-0.6	95	12	49	12	2.22	-1.46	1.00	19	0	5	.....	.....	.....	.....	Norris Bruce
Westminster	Carroll	770	35	76.6	+1.5	99	28	49	22	2.03	-1.78	1.15	19	0	6	21	8	2	s.	Harry J. Mathias
Williamsport, 2 mi. NW	Washington	360	6	.....	.....	95	17	53	22	1.35	.....	1.60	13-14	0	7	26	4	1	se.	R. C. Willson
Woodstock	Baltimore	415	75																	

Daily Precipitation for July 1944

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			
Aberdeen ¹	Atlantic												.62	.13		.53				.10	.90	.05				T.			.04		T.	.47		2.84	
Annapolis ¹	do.												T.	1.87		.14				.03	.18	.02							.60		.29	.02		3.15	
Baltimore ¹	do.			T.								T.	.22	.08						.26	.16				.03	T.	1.83	T.	.28		.23		2.81		
Bell	do.											.17	.09	.07	1.16					T.	1.06	.02						.01			.39		3.25		
Beltsville ²	do.													.58						1.05	T.								.05		.14	T.	1.82		
Blackwater ²	do.													.44	.44		.47			1.85	1.15	.10							.25	T.		.29	4.43		
Charlotte Hall	do.												.12	.03	.03		.73			2.02	.13				.03					T.	.56	.34	3.43		
Cheltenham ²	do.											T.		.21	.22		.01			1.34	.04										.01	.02	3.47		
Chestertown	do.												.02	1.14			T.			.34	T.					.02			.50	T.	.51	.56	4.21		
Chewsville	do.											.70	.43	T.			T.			.17	.14	.04				.01	.14			.55			2.18		
Clear Spring	do.							T.	T.				*	.76						.47	.20	T.			T.			.09		*	.41		1.93		
Coleman	do.												.20	.46			*		.35	.35	.05										.50	.07	1.99		
College Park	do.											T.		.10	.70				1.12	.02					.01	T.			T.			.07	T.	2.02	
Conowingo Dam ²	do.												.05	.55			.85			.10	.36								.09				2.00		
Crisfield	do.												T.	2.30	.11		.04				.59	.52						T.	T.	T.			3.56		
Cumberland ²	do.												.30	.04						1.35	.46									.03	.02		2.20		
Dundalk ²	do.											T.		.21	.05		.41			.20	.21	T.				T.			.03	.06		.23		1.40	
Easton	do.													.66				1.19		.92	.10							.09	.08		1.05	.73	.42	4.31	
Edgemont ²	do.												.80	.15						.25	.20								.03				2.48		
Elkton	do.												.53	.25			.09	T.												.20			1.40		
Emmitsburg	do.												.83	.54	T.						.72	T.					.03		.02	.03	.12			2.00	
Fallston	do.													1.26	T.											.02								3.59	
Ferry Landing	do.												.02		.67						.82	T.							T.	.05	.09	T.	.36	1.15	
Fort George G. Meade	do.													.08	.45						.94	.05								T.	T.			1.93	
Frederick	do.													.55	.71	.01					.97	.02											3.06		
Frederick Airport ³	do.													.29	.62					.81	.12	T.				T.			1.06	T.	T.			2.90	
Friendsville	Ohio												*	2.30						1.20	.28	.23							.18		T.		4.19		
Frostburg	Atlantic					.03							T.	.80	*					1.20	.40	.27								.04	.03	T.		2.77	
Georgetown	do.													*	*		*			1.00	T.									.20		.10	.05	1.35	
Germantown	do.												.11	.65						.66	T.									T.	T.	T.	T.	1.42	
Great Falls ²	do.													.21	T.					.67	.03									T.	T.	T.	.05	1.08	
Hancock ²	do.													.72	.19						.82	.24							.12	T.				2.33	
Huntingtown	do.													T.	.85			.27			1.28	.05							.09	.83	.30	.03	T.	.68	4.38
Keedysville	do.												.10	.13	T.						.51	.08							.13	T.		.58		2.07	
La Plata	do.		.24												.40						.30									.13	T.				4.10
Luke ²	do.												.50	.77							.85	.33								T.	.30		.70	1.95	
Maryland Line	do.													.48	T.						.93	T.									T.				1.41
Millington	do.													.03	.81			1.16			.26	.04												2.64	
Mt. Savage Summit ³	do.													.04						.93	.47									T.	.30		.04	T.	2.16
Oakland	Ohio				.02									.65	.04						.45	.25	.29							.03		.10	.06	2.22	
Ocean City ³	Atlantic													.07	.27	.08	.17			1.02	.10											.23	.01	1.95	
Oxford	do.														.68	T.			1.16			.11	.05							.18	.57		1.89	.70	7.17
Perry Point	do.													.68	.05		.49	.60													.05			.06	2.09
Picardy	do.													.80	.60						.70	.10	.30							T.	T.		.25		2.25
Prettyboy Dam	do.													.44	T.						.62	T.									.03				1.09
Princess Anne	do.													.07	1.44	T.					.38	.25											.32	.11	2.59
Ridgely	do.														1.55						.60	.03							.02	T.	.52	.20		3.17	
Rock Hall	do.													T.	2.04		.05	.56			.51	.04								.15	.83	.05	.60	.06	4.29
Salisbury	do.													.42	.25						.03	.28								.26				1.84	
Silver Spring	do.														.12	.17					.96	T.									T.	.01	.02	T.	1.29
Sines ¹	Ohio													.42						.04	1.08									T.	.02	.08		4.00	
Snow Hill ³	Atlantic													.38	.83	.47					.59	.23										.37		2.87	
Solomons	do.													.02	.24	.31					.46	.75											.75	2.98	
State Sanatorium	do.													.05	.80	T.					.42	.04										.17	.73	T.	2.26
Takoma	do.														.11	.37															T.	T.	T.	1.56	
Tonoloway	do.													.19	.63						.75	.10	.17											2.01	
Towson ²	do.														.04	1.10					.36	.49												1.99	
Unionville	do.													.53	.50	T.					1.51	.02								T.	.02		.02	2.62	
Western Port	do.														.52	.20					.90										.01			2.03	
Westminster ²	do.														.31	.08					1.15	.08									.05				

Daily Temperatures for July 1944—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	83	87	85	87	92	95	97	91	92	90	92	95	87	85	85	86	85	84	84	83	79	84	90	89	93	91	94	94	87	94	89	88.7
.....	Minimum	61	55	56	56	59	60	63	63	67	68	72	75	68	67	62	65	64	59	59	65	59	53	61	63	71	66	74	65	69	63	69	63.8
Annapolis.....	Maximum	81	84	81	78	85	89	88	83	84	83	84	92	86	78	80	84	83	84	79	78	80	84	87	90	84	92	86	83	88	84	83.9	
.....	Minimum	68	69	67	65	69	67	74	74	73	74	74	76	72	70	70	68	69	68	68	67	62	67	73	76	73	65	68	64	71	72	69.8	
Baltimore (U.S.W.B.).....	Maximum	84	87	84	88	92	95	95	90	90	90	91	96	82	70	84	93	87	83	82	82	81	86	91	92	97	91	95	96	90	96	90	89.3
.....	Minimum	68	69	66	67	72	72	74	74	72	73	74	74	71	71	70	72	71	68	68	68	66	61	67	70	74	67	75	71	73	69	70.1	
Bell.....	Maximum	87	88	87	91	94	97	98	96	91	93	94	95	94	95	82	84	91	90	84	83	80	85	90	91	93	94	94	93	92	93	90	90.2
.....	Minimum	56	55	53	51	51	56	59	61	63	63	65	70	73	68	64	67	64	56	56	64	62	48	55	61	73	65	74	64	65	60	66	61.7
Beltsville.....	Maximum	85	88	86	90	96	97	98	98	91	93	95	95	80	83	83	91	87	86	85	82	84	85	89	90	94	95	96	94	91	96	91	89.8
.....	Minimum	61	56	56	52	56	58	60	60	62	63	71	72	68	64	66	64	64	57	64	62	48	54	59	72	64	73	62	65	59	65	62.2	
Blackwater.....	Maximum	84	84	82	82	91	95	92	87	88	87	89	93	88	80	85	80	84	81	79	80	78	81	85	86	90	88	92	90	84	90	86	85.8
.....	Minimum	68	65	54	53	60	64	66	72	68	72	75	76	78	72	70	72	67	62	63	64	64	53	63	68	72	68	74	70	74	69	70	66.6
Charlotte Hall.....	Maximum	84	86	84	88	92	94	97	91	89	92	95	96	90	80	81	91	86	82	84	85	80	84	87	91	91	92	94	93	88	95	93	88.9
.....	Minimum	63	57	56	52	60	65	65	68	68	67	71	72	72	62	64	69	65	61	59	64	62	56	60	65	68	68	75	68	70	66	65	65.0
Cheltenham.....	Maximum	84	86	83	88	93	95	95	90	89	90	93	96	82	79	83	91	86	83	82	81	79	84	83	89	93	93	94	91	88	93	89	88.1
.....	Minimum	63	57	56	54	58	60	63	69	69	68	71	72	76	69	68	70	67	60	59	65	63	54	59	65	68	75	68	70	66	65	65.0	
Chestertown.....	Maximum	86	88	87	87	94	96	98	91	92	91	94	95	84	82	85	88	86	85	84	86	82	85	90	90	93	94	95	93	87	93	91	89.4
.....	Minimum	63	59	58	58	61	64	65	68	70	70	73	76	73	69	66	67	66	62	60	65	64	54	64	68	72	69	77	69	71	68	70	66.4
Chewsville.....	Maximum	84	85	85	89	90	94	94	91	90	91	94	93	78	85	86	93	85	84	82	76	77	86	89	93	93	92	91	94	87	92	90	88.2
.....	Minimum	62	53	57	56	55	57	62	65	61	66	71	73	68	63	65	64	59	62	64	63	59	49	55	61	66	62	72	63	62	63	61	60.7
Clear Spring.....	Maximum	85	84	89	93	96	95	97	95	91	94	96	94	88	88	89	96	91	89	88	84	81	89	91	94	92	96	94	96	92	94	88	90.9
.....	Minimum	58	52	58	50	56	58	62	68	68	68	71	74	70	67	65	61	60	52	59	61	58	49	56	57	63	62	72	63	62	63	61	60.7
Coleman.....	Maximum	86	87	84	89	92	95	94	91	90	91	93	95	88	80	84	88	85	86	84	83	81	86	89	91	94	92	94	92	95	91	91	89.0
.....	Minimum	64	62	61	59	62	68	68	66	68	68	71	74	70	67	65	61	60	54	61	64	63	59	67	67	72	70	78	65	71	65	70	66.7
College Park.....	Maximum	87	86	84	89	94	96	96	95	92	92	95	96	94	84	82	91	91	83	84	83	80	85	89	91	94	94	94	96	94	96	90	90.2
.....	Minimum	62	57	56	54	56	58	62	62	64	65	68	73	73	69	66	69	67	60	58	65	64	51	56	63	74	66	76	63	67	61	67	63.6
Conowingo Dam.....	Maximum	85	87	85	86	92	95	95	92	92	90	92	94	76	63	68	87	86	83	81	82	80	84	89	87	94	89	93	94	91	91	88	88.2
.....	Minimum	64	58	55	56	57	60	62	63	66	70	69	70	72	68	63	65	57	60	64	62	51	59	63	68	64	71	64	67	64	63	63.2	
Crisfield.....	Maximum	84	85	84	81	87	86	89	91	90	91	89	89	81	83	88	89	85	83	84	85	81	87	87	87	90	94	93	92	97	92	87	87.6
.....	Minimum	64	63	62	59	70	74	76	75	72	74	76	78	78	70	73	74	72	65	69	67	65	62	70	74	76	78	74	74	74	75	71.3	
Cumberland.....	Maximum	88	86	87	93	93	97	97	95	94	95	98	98	84	89	91	96	89	88	78	75	79	89	94	91	93	95	92	96	89	94	97	91.1
.....	Minimum	58	52	59	54	55	58	62	67	60	64	65	67	70	63	65	60	56	59	66	64	55	50	53	54	63	70	61	60	60	63	60.6	
Easton.....	Maximum	86	86	84	91	94	95	93	91	90	94	92	93	80	82	87	86	84	82	84	82	81	87	89	90	92	92	92	91	89	91	88	88.1
.....	Minimum	65	56	55	55	62	65	69	65	69	72	75	76	69	70	73	62	61	69	65	64	54	64	66	75	70	76	68	74	65	68	66.1	
Elkton.....	Maximum	87	85	85	88	94	93	95	94	93	92	95	96	92	85	89	87	87	82	86	83	86	92	93	95	94	94	95	91	96	92	90.4	
.....	Minimum	64	56	57	55	58	60	63	61	65	69	68	72	70	66	63	69	65	57	57	65	62	55	65	68	72	74	65	68	64	69	63.9	
Emmitsburg.....	Maximum	85	88	85	94	91	94	95	94	93	91	94	96	86	83	86	92	91	86	82	79	78	84	89	91	93	93	91	94	91	92	95	85.2
.....	Minimum	60	58	60	58	62	65	68	70	67	68	69	70	69	64	66	68	67	60	64	65	62	55	61	66	70	69	70	68	66	68	65	65.5
Fallston.....	Maximum	81	84	83	85	89	90	95	89	88	88	90	94	89	80	83	87	82	82	82	81	81	77	82	88	87	92	92	95	87	94	89	86.9
.....	Minimum	62	61	60	59	61	68	66	66	68	68	70	71	69	68	65	65	66	60	62	64	62	56	63	63	70	69	73	66	68	65	70	65.3
Ferry Landing.....	Maximum	85	87	84	87	93	96	98	89	85	91	92	95	90	77	86	90	85	83	81	81	80	85	89	90	93	90	95	92	89	94	88	88.5
.....	Minimum	62	60	58	57	62	64	67	71	71	69	72	73	74	69	69	71	66	60	62	64	63	55	63	67	73	68	72	68	71	67	67	66.3
Fort George G. Meade.....	Maximum	86	88	83	89	94	97	98	93	90	92	98	95	90	80	82	90	87	82	81	75	79	87	90	90	93	94	93	91	95	90	89.1	
.....	Minimum	65	61	57	55	55	59	63	62	64	65	68	69	72	66	64	67	66	65	65	62	56	61	60	72	66	73	68	73	66	61	67	63.9
Frederick.....	Maximum	84	87	87	90	93	95	95	88	93	92	93	95	97	77	86	88	91	86	85	79	79	86	90	93	94	92	95	92	95	95	90.1	
.....	Minimum	60	52	55	53	53	55	60	62	62	63	66	68	68	63	64	65	62	57	61	62	60	49	59	57	65	62	68	63	65	61	65	60.8
Friendsville.....	Maximum	81	79	82	85	86	94	88	86	88	87	91	90	79	84	86	86	82	80	70	77	72	82	85	81	86	85	82	88	80	84	88	83.7
.....	Minimum	46	41	48	44	44	54	58	53	50	53	54	67	68	49	60	50	45	49	57	52	49	42	45	49	62	54	63	57	55	58	53.2	
Frostburg.....	Maximum	82	82	83	88	88	91	93	88	89	92	94	93	88	81	87	91	87	84	80	73	72	82	86	87	87	88	92	91	89	92	86.8	
.....	Minimum	51	45	51	49	51	5																										