

CLIMATOLOGICAL DATA

15 MARYLAND AND DELAWARE SECTION

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No. 7

GENERAL SUMMARY

This month was slightly cooler than normal, with monthly sunshine 5% above normal. The monthly rainfall averaged three-fourths of normal. The 1st-8th and 12-18th were cool. The 9-11th was warm. The 19th-31st was a very warm period, being the longest heat spell of such intensity since July 18-29, 1930. Rains were of the local summer-shower type, except prolonged during night of June 30-July 1 and during July 3-4.

Crops were fair to good, except good to excellent the first decade and good the second decade in western Maryland. Grasses and pastures in western Maryland were good to excellent the first decade, but only fair to good thereafter; in the central and eastern divisions they improved to fair to good the first decade, but deteriorated to fair the second decade and to poor the third decade. Harvesting wheat and rye ended in the eastern and central divisions the first week and in Washington and Allegany counties the third week; began the third week and ended the fourth week in Garrett County. Harvesting oats began the first week and ended the second week, digging early potatoes began the first week, picking early tomatoes began the first half of the month, and harvesting sugar corn began the third week in the southern and central counties. Harvesting oats, digging early potatoes, and picking early tomatoes began the third week in the northern counties, except Garrett County. Yields of hay the first half of the month were good to heavy. Picking early varieties of apples, peaches, and pears began the second week. Harvesting strawberries in Garrett County and harvesting peas in western Maryland ended the third week. Early corn tasseled and eared. During the third decade: Late potato plants in western Maryland were blooming; sweet potato tubers were making, developing, and sizing; early tobacco plants were buttoning; and the season advanced to one week backward of normal.—J. B., jr.

TEMPERATURE

The monthly mean for the section, 75.0°, is 0.3° below normal. The highest monthly mean was 78.8° at Baltimore; the lowest, 64.4°, at Oakland. The highest temperature, 103°, occurred at Dundalk and Solomons on the 26th; the lowest, 37°, at Oakland on the 5th and 14th and at Sines on the 5th. The greatest local monthly range was 58° at Bell; the least, 39°, at Crisfield. The greatest daily range was 40° at Sines on the 6th and Tonoloway on the 14th.

PRECIPITATION

The monthly average for the section, 3.30 inches, is 1.01 inches below normal. The greatest monthly amount was 7.87 inches at Emmitsburg; the least, 1.00 inch at Odessa. The greatest 24-hour rainfall was 3.66 inches at Keedysville on the 23d. The average number of days with 0.01 inch or more of precipitation, 9, is 1 below normal.

MISCELLANEOUS PHENOMENA (WITH DATES)

Hail, light.—Cumberland, 30; Newark, 28; Oxford, 16. Hail, moderate.—Tonoloway, 2:30 p. m., 24th; one-fourth to one-half inch in diameter; area one mile wide; 10 per cent of tree fruits damaged; no crops damaged. Hail, heavy.—Ridgely, 4 p. m. to 4:20 p. m., 28th; flat disks size 5-cent piece; area one mile wide, five miles long; 25 per cent tomatoes damaged; other crops damaged slightly. Lightning destroyed a barn and contents evening 31st near Catonsville. Thundergusts, strong.—12, 13, 22, 23, 26 to 31.

Thundergust 4 p. m., 28th, at Ridgely, broke large limbs off trees and blew down some corn stalks; at 6:15 p. m., 28th, at Newark, uprooted many trees, broke limbs off other trees, uprooted some plants, and blew down many corn stalks. Thunderstorms.—4, 11 to 13, 16, 21 to 31. During a severe thunderstorm, 5 p. m. to 6 p. m., 22d, from nw. to se., in the Grantsville district lightning struck number of maple trees and killed four hogs and one cow, the gust uprooted some trees which, in falling, broke telephone and electric current wires, and the heavy rain washed soil and some potato plants from the fields. Tornado, mild.—5 p. m., 23d, from northeast of Rockville southward to near Bethesda; over a wooded area two miles wide and 10 miles long, in which are located Halpine, Montrose, and Randolph; several homes unroofed, loss \$2,500; many trees uprooted, which fell in all directions.

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	7:30 a. m.	1:30 p. m.	7:30 p. m.		
Aberdeen, Md.	30.33	c	29.79	31	7.1	24	n.	26	80	69	..	122
Annapolis, Md.	30.36	c	29.80	31	6.0	..	..	28	78	73	..	135
Baltimore, Md.	30.36	c	29.80	11	8.7	32	n.	28	78	50	67	173
Elkins, W. Va.	30.42	c	29.90	12	4.2	25	nw.	29	73	58	78	50
Harrisburg, Pa.	30.38	c	29.78	11	6.3	34	se.	28	77	62	78	134
Norfolk, Va.	30.35	c	29.85	31	7.5	30	nw.	28	82	58	76	67
Philadelphia, Pa.	30.35	c	29.80	11	10.2	43	n.	30	82	51	66	53
Pittsburgh, Pa.	30.37	c	29.83	11	8.4	38	nw.	29	80	50	63	64
Washington, D. C.	30.36	c	29.81	31	5.2	23	nw.	28	77	50	63	61

COMPARATIVE DATA FOR JULY

Year	FOR MARYLAND						FOR DELAWARE					
	Temperature			Precipitation			Temperature			Precipitation		
	Mean	Highest	Lowest	Average	Average snowfall with .01 in. or more	No. of days with .01 in. or more	Mean	Highest	Lowest	Average	Average snowfall with .01 in. or more	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	108	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	9
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	13
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.....	73.8	102	38	4.80	0.0	11	73.2	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	5.53	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	4.83	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	7.19	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	46	2.37	0.0	8
Period.....	75.1	109	32	4.26	0.0	10	76.1	110	46	4.69	0.0	10

Climatological Data for July 1940

STATIONS	COUNTIES	Elevation, feet	Length of record, years	Temperature, in degrees Fahr.						Precipitation, in inches				Number of days				Prevailing direction of wind	OBSERVERS	
				Mean	Departure from the normal	Highest	Date	Lowest	Date	Greatest daily range	Total	Departure from the normal	Greatest in 24 hours	Total snowfall (unmelted)	With precip. 0.01 in. or more	Clear	Partly cloudy			Cloudy
Maryland																				
Aberdeen	Harford	26	22	76.1	+0.4	99	21	53	†2	30	2.25	-1.89	1.14	0.0	8	11	14	6	sw.	U. S. Army
Annapolis	Anne Arundel	45	75	77.0	-0.7	101	26	57	†2	25	3.19	-1.34	1.06	0.0	8	13	11	7	se.	U. S. Navy
Baltimore*	Prince Georges	14	70	78.8	+1.6	101	†26	59	†1	24	2.85	-1.79	0.92	0.0	10	15	7	9	sw.	U. S. Weather Bureau
Bell†	Dorchester	151	20	75.0	-0.8	100	27	42	2	34	4.57	+0.22	2.53	0.0	11	17	9	5	sw.	Bureau Plant Industry
Cambridge (near)	Dorchester	13	47	76.4	-1.5	100	27	49	14	30	2.03	-2.21	0.92	0.0	6	19	8	4	sw.	Matt Harding
Charlotte Hall	St. Marys	167	19	75.7	-0.6	99	27	49	2	34	4.69	-0.85	2.62	0.0	8	15	12	4	sw.	A. D. V. Burr
Cheltenham	Prince Georges	230	40	75.2	-0.7	98	†27	49	2	30	5.35	+1.04	1.63	0.0	9	16	9	6	sw.	U. S. Magnetic Obs'y.
Chestertown	Kent	35	35	76.0	-0.1	101	27	51	†2	30	5.24	+0.40	1.82	0.0	7	14	13	4	sw.	Thomas W. Eliason, Jr.
Chesville	Washington	630	43	72.8	-1.3	98	27	44	2	35	2.68	-1.24	0.52	0.0	13	13	16	2	sw.	D. Paul Oswald
Coleman†	Kent	80	43	76.6	-0.1	100	†21	53	2	27	3.67	-0.90	1.75	0.0	5	17	10	4	sw.	Walter B. Harris
College Park	Prince Georges	160	54	75.7	+0.1	100	27	47	2	34	3.33	-0.59	1.66	0.0	9	15	12	4	sw.	Russell G. Brown
Conowingo Dam	Harford	40	5	74.6	.....	99	26	49	2	32	1.77	.....	1.12	0.0	4	14	5	2	.....	Susquehanna Electric Co.
Crisfield	Somerset	5	21	78.2	+0.7	95	28	56	14	23	3.48	-0.67	1.41	0.0	7	14	13	4	s.	M. B. Thawley
Cumberland	Allegany	623	70	75.3	+0.8	102	26	45	2	39	2.55	-0.53	0.62	0.0	12	17	10	4	nw.	Paul J. Stein
Darlington	Harford	360	50	74.8	0.0	98	†21	47	2	33	1.77	-2.71	0.78	0.0	5	16	13	2	sw.	Fred. C. Jones
Dundalk	Baltimore	12	6	77.5	.....	103	26	55	†2	27	5.49	.....	1.66	0.0	10	14	12	5	w.	U. S. Airport Station
Easton	Talbot	35	50	77.0	+0.7	101	†27	51	†2	30	1.85	-2.37	0.73	0.0	7	20	7	4	sw.	Clement E. Bray
Edgemont	Washington	920	2	.....	.....	.....	.....	.....	.....	.....	4.55	.....	1.04	0.0	11	.....	.....	.....	.....	Lee G. Harne
Elkton	Cecil	23	14	76.2	0.0	101	27	48	2	35	3.00	-1.00	1.47	0.0	7	21	6	4	sw.	H. W. Bouchelle
Emmitsburg	Frederick	720	74	74.4	-0.9	95	†21	50	14	32	7.87	+3.76	1.18	0.0	15	14	14	3	sw.	Mt. St. Mary's Seminary
Fallston†	Harford	450	71	75.0	+0.8	97	26	52	2	27	2.72	-1.44	1.59	0.0	9	13	16	2	s.	Miss Dora Curtis
Ferry Landing†	Calvert	120	24	76.8	+0.8	99	†22	52	†2	33	3.67	-1.28	1.46	0.0	10	17	8	6	sw.	Thos. J. Bourne
Frederick	Frederick	825	71	76.2	-0.5	101	27	48	2	35	4.21	+0.18	1.05	0.0	12	12	17	2	s.	August T. Brust
Friendsville	Garrett	1,980	22	68.2	-1.0	92	†28	40	†5	37	4.38	+0.04	1.06	0.0	10	16	11	4	.....	Joab J. Friend
Frostburg	Allegany	1,950	39	71.8	0.0	93	†25	45	†2	37	2.43	-1.38	0.72	0.0	10	17	10	4	w.	Thos. F. Lewis
Georgetown	Cecil	25	4	76.0	.....	98	27	51	2	28	3.15	.....	1.50	0.0	4	22	5	4	.....	Capt. N. L. Riggins
Graustville	Garrett	2,320	47	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Floyd J. Miller
Great Falls†	Montgomery	200	52	75.7	-0.1	102	27	47	2	35	5.54	+1.60	1.50	0.0	10	14	13	4	.....	John E. Bissett
Hancock	Washington	540	16	.....	.....	.....	.....	.....	.....	.....	2.25	-1.05	0.63	0.0	10	.....	.....	.....	.....	Marvin K. Murray
Huntingtown	Calvert	160	5	75.4	.....	98	27	50	2	29	3.33	.....	1.31	0.0	9	18	7	6	se.	Elmer O. Bowen
Keedysville	Washington	420	37	74.3	-1.7	100	27	45	2	37	6.11	+2.29	3.06	0.0	15	13	16	2	sw.	J. A. Miller
La Plata	Charles	190	26	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Laurel	Prince Georges	300	46	75.4	0.0	99	27	46	2	33	2.81	-1.37	1.20	0.0	13	18	9	4	.....	Evans G. Chaney
Leonardtown	St. Marys	50	16	77.2	+0.5	100	†26	50	2	33	2.06	-2.52	0.76	0.0	10	12	15	4	w.	Dr. Eugene C. Peck
Luke	Allegany	950	3	.....	.....	.....	.....	.....	.....	.....	2.85	.....	1.54	0.0	9	.....	.....	.....	.....	J. G. Patrick
Lutherville	Baltimore	340	14	74.5	-0.8	100	27	46	2	36	1.87	-1.59	1.10	0.0	4	21	8	2	w.	Clarence J. Thomson, Jr.
Maryland Line	do	840	16	74.6	0.0	97	27	51	2	29	2.09	-2.89	0.85	0.0	7	21	8	2	w.	Chester L. Fulton
Millington	Kent	27	43	74.8	-1.4	97	†27	50	14	27	1.66	-3.06	0.65	0.0	8	20	7	4	sw.	Henry L. Higman
Mt. Savage Summit†	Garrett	2,852	8	66.8	.....	87	26	43	2	28	3.15	.....	0.91	0.0	16	11	16	4	nw.	U. S. Airway Station
Oakland	do	2,420	43	66.4	-0.9	91	28	37	†5	36	4.05	-0.61	1.84	0.0	11	12	15	4	w.	R. E. Weber
Ocean City	Worcester	10	2	75.0	.....	99	21	56	14	24	5.13	.....	2.95	0.0	7	15	7	9	s.	U. S. Airway Station
Oxford	Talbot	10	4	78.0	.....	99	†27	57	14	23	2.32	.....	0.56	0.0	9	20	7	4	sw.	Henry Wilcox
Perryville	Cecil	40	5	.....	.....	.....	.....	.....	.....	.....	1.56	.....	0.94	0.0	4	.....	.....	.....	.....	J. H. Tullis
Picard†	Allegany	1,030	14	72.3	-2.1	97	27	45	†2	36	3.53	+0.64	0.82	0.0	8	17	11	3	w.	American Fruit Growers
Picassent Hill†	Baltimore	600	16	.....	.....	.....	.....	.....	.....	.....	3.26	-1.28	1.27	0.0	7	21	8	2	sw.	Walter P. Quintin, Jr.
Pocomoke City	Worcester	37	32	.....	.....	.....	.....	.....	.....	.....	5.15	+1.34	1.68	0.0	6	.....	.....	.....	.....	James R. Tilghman
Poolesville	Montgomery	460	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Ralph F. Staley
Prettyboy Dam†	Baltimore	780	10	74.2	-0.7	96	26	50	2	27	2.86	-0.63	0.91	0.0	6	.....	.....	.....	.....	C. W. Hendrix
Princess Anne	Somerset	17	65	76.1	0.0	102	†27	47	15	34	2.81	-1.34	0.83	0.0	7	8	20	3	sw.	James R. Stewart
Ridgely	Caroline	67	50	76.6	+0.2	100	†22	50	14	30	3.92	-0.45	1.40	0.0	9	19	8	4	sw.	Albert White
Rock Hall	Kent	20	27	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Charles Judefind
Salisbury	Wicomico	31	35	75.6	-1.2	102	27	48	15	33	2.60	-1.36	0.95	0.0	7	18	10	3	s.	Brady C. Bounds
Silver Spring	Montgomery	210	2	75.3	.....	98	†27	51	2	28	2.97	.....	1.63	0.0	9	16	11	4	s.	O. L. Harvey
Sines (Deep Creek)†	Garrett	2,030	16	66.6	-1.0	93	30	37	5	40	2.07	-2.34	0.56	0.0	11	16	11	4	sw.	C. E. MacMurray
Snow Hill	Worcester	20	25	74.8	-1.1	100	†27	46	†14	36	5.60	+2.00	2.50	0.0	8	14	8	9	sw.	Richard Leake
Solomons	Calvert	20	49	73.1	0.0	103	26	58	14	24	2.40	-1.73	0.66	0.0	9	15	11	5	s.	Chesapeake Biological L'b.
State Sanatorium	Frederick	1,460	32	.....	.....	94	†26	52	.....	.....	5.26	+1.24	1.25	0.0	12	13	15	3	.....	Dr. V. F. Cullen
Stevensville	Queen Annes	12	14	76.7	-0.7	100	27	52	2	27	1.95	-2.03	1.15	0.0	6	12	15	4	sw.	T. R. Price
Takoma	Montgomery	320	42	76.4	+0.9	100	28	54	†2	29	3.47	-0.56	1.82	0.0	7	14	13	4	.....	Guy L. Seaman
Tonoloway†	Washington	550	30	72.9	-1.8	98	26	43	2	40	5.76	+2.46	2.08	0.0	13	18	11	2	.....	American Fruit Growers
Towson	Baltimore	475	29	.....	.....	.....	.....	.....	.....	.....	1.68	-2.65	0.92	0.0	3	16	11	4	w.	S. Elmer Parks
Unionville	Frederick	.....	1	74.3	.....	97	†26	45	2	38	5.20	.....	1.68	0.0	10	15	14	2	.....	G. Plitt Von Eipp, Jr.
Western Port	Allegany	1,000	47	73.2	-0.5	99	†25	45	†2	37	2.52	-1.07	0.60	0.0	13	.....	.....	.....	.....	Norris Bruce
Westminster	Carroll	770	31	74.6	-0.6	97	26	48	2	30	3.43	-0.62	1.02	0.0	7	18	11	2	sw.	Harry J. Mathias
Williamsport	Washington	360	2	.....	.....	.....	.....	.....	.....	.....	2.74	.....	0.65	0.0	10	.....	.....	.....	.....	R. C. Willson
Woodstock	Baltimore	415	71	74.1	-1.1	97	†20	47	†2	37	2.95	-1.25	1.60	0.0	6	19	9	3	sw.	Woodstock College
Dist. of Columbia																				
Washington**	.....	72	70	77.5	+0.7	100	27	55	2	25	5.73	+1.02								

Daily Precipitation for July 1940

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.	.17		1.04	.10					T.		T.	.04	.07			T.							T.	.70				.12	.01			T.	2.25		
Annapolis ¹	do.	.22		.84	.16					T.		T.	.56	.50			T.						T.	.18	.71					.02			T.	3.19		
Baltimore ¹	do.	.26		.80	.12					T.	.03	T.	.14				T.	.05					T.	.28	.28		T.	.01					T.	2.85		
Bell	do.	.29		1.80	.73	.13				T.		T.	.17	.48			T.	.30					T.	.31	.31	.07				.27	.02		T.	5.4		
Cambridge (near)	do.	.15		.50	.25	T.				T.		T.	.35	.57			T.						T.	.21	.21								T.	2.03		
Charlotte Hall	do.	.14		.03	.44	T.				T.		T.	.10	.66			T.						T.	1.34	1.28					.80			T.	4.09		
Cheltenham ⁴	do.	.28			1.40	.37				T.		T.	1.08				T.	.12					T.	1.18	1.63	.02					.30		T.	5.35		
Chestertown	do.	.38			1.20					T.		T.	.62	T.			T.	.02					T.	1.82									T.	5.24		
Cheswille	do.	.32		.46	.19					T.		T.	.15	.01			T.	.01		.28			T.	.01	.18	.07	.52		.41		.07		T.	2.68		
Coleman	do.	.28		.18	1.22					T.		T.	1.22				T.	.24					T.	1.75	T.									T.	3.67	
College Park	do.	.24		.60	1.06	.17				T.		T.	.31	.27			T.						T.	.35	T.				.31	.02		T.	3.33			
Conowingo Dam ⁴	do.	.14			.47	.04				T.		T.	.14	1.27			T.	.88					T.	.84	.03									T.	1.43	
Crisfield	do.	T.		.08	.24					T.		T.	.21	.02			T.	.10		.12			T.	.48	T.	.20		.03	.26	.03	.59	.31	T.	2.55		
Cumberland ⁴	do.	.52			.40					T.		T.	.21	.02			T.	.10		.12			T.	.48	T.	.20		.03	.26	.03	.59	.31	T.	2.55		
Darlington	do.	.25		.48	.30	T.				T.		T.	T.	T.			T.	.05					T.	.07										T.	1.87	
Dundalk ²	do.	.23		1.25	.08					T.	.02	T.	.03	.08			T.	.04					T.	.03	.50	.10	T.	.54		.03	1.04		.15		T.	4.55
Easton	do.	.35		.35	.30	T.				T.		T.	.20	.53			T.	.05					T.	.07										T.	1.85	
Edgemont ⁴	do.	.40			.60	T.				T.		T.	.36	T.			T.			.80			T.	.03	.50	.10	T.	.54		.03	1.04		.15		T.	4.55
Elkton	do.	.10		1.35	.12					T.		T.	T.	.07			T.	.05					T.	.06	T.									T.	3.00	
Emmitsburg	do.	.12		.54	.50	T.				T.		T.	.25	T.			T.	.14		.60			T.	.95	.75	.05		.88	.38	1.03	1.18	.45	.05	T.	7.87	
Fallston	do.	.28		.38	.38	T.				T.	.02	T.	T.	.03			T.						T.	1.35	.24				.01	.03				T.	2.72	
Ferry Landing	do.	.20		.12	.73	T.				T.		T.	.81	.65			T.	.10					T.	.08	.95	.02			.06					T.	3.67	
Frederick ⁴	do.	.39			1.05	.01				T.	.02	T.		T.			T.	.15	.01				T.	.44	.03	.80	T.	T.		.51	.18		.62	T.	4.21	
Friendsville	Ohio	.70		T.						T.		T.	.96	.10			T.	.37	.05				T.	.37	.10	T.				.53	.90	T.	T.	4.38		
Frostburg	Atlantic.	.60		.17	.02					T.		T.	.72				T.	.27					T.	.02	T.	.15			.33	T.			T.	.05	T.	2.43
Georgetown	do.	.15		.40	1.00					T.		T.	T.	T.			T.	1.50					T.	.10	T.									T.	3.15	
Great Falls ⁴	do.	.30			1.50	.18				T.		T.	T.	.22			T.	.25					T.	.18	.63	T.				.35	1.76	.17		T.	5.54	
Hancock ⁴	do.	.39			.42					T.		T.	.02	.40	.03		T.	.05					T.	.10	.53	.02								T.	2.25	
Huntingtown	do.	.13		.17	.52	.02				T.		T.	.77	.54			T.	.04					T.	.26	.88									T.	3.33	
Keedysville	do.	.41		.50	.25					T.		T.	.02	.04	.01		T.	.11	.42	.11			T.	.26	.88									T.	6.11	
Laurel	do.	.24		.60	.60	.27				T.	.02	T.	.04	.12			T.	.15	.24				T.	.06	.65	.06				.12	.01			T.	2.81	
Leonardtown	do.	.03		.15	.43	T.				T.		T.	.16	.60			T.	.15	.24				T.	.06	.65	.06				.02				T.	2.06	
Luke ⁴	do.	1.54			.40					T.		T.	.27	T.			T.	.01	.07	T.			T.	.36	T.					.06	.04	.10		T.	2.85	
Lutherville	do.	.35		.60	.50	T.				T.		T.	T.	T.			T.						T.	.42	T.									T.	1.87	
Maryland Line	do.	.24		.68	.17	T.				T.		T.					T.	.18					T.	.08	.47					.27				T.	2.09	
Millington	do.	.30		.41	.24					T.		T.	.06	.47			T.	.08					T.	.09	T.					.01				T.	1.66	
Mt. Savage Summit ⁵	do.	.52		.01						T.		T.	.79	.12			T.	.54	.05	.06			T.	.02	.01	.04	.01			.69	.21	.04	.03	T.	3.15	
Oakland	Ohio	1.84		.10						T.	.01	T.	.03	.08			T.	.09					T.	.12	.56	T.		.18						T.	4.05	
Ocean City	Atlantic.	T.		.89	2.06					T.	.01	T.	.14	.58			T.	.01					T.	.12	T.									T.	5.13	
Oxford	do.	.31		.22	.33	T.				T.		T.	.13	.43			T.	.52	.03				T.	.26	.09									T.	2.82	
Perryville ⁴	do.	.14			.94					T.		T.	.03				T.						T.	.45										T.	1.56	
Picardy	do.	.82		.48	T.					T.	.10	T.	.65				T.						T.	.53	.35	T.				.20	.40	T.		T.	3.53	
Pleasant Hill	do.	.48		.69	.58	T.				T.		T.	T.				T.						T.	.62	.03				.11	.75				T.	3.26	
Pocomoke City	do.	T.			1.68					T.		T.	T.	1.60			T.	.20					T.	1.67	T.									T.	5.15	
Prettyboy Dam	do.	.20			.91	T.				T.		T.	T.				T.						T.	.75	.14									T.	2.86	
Princess Anne ²	do.	T.		.77	.06					T.		T.	.05	T.	.58			T.	.77				T.	.08	.50	T.								T.	2.81	
Ridgely	do.	.26		.36	.57					T.		T.	.06	.48			T.	.06					T.	1.32	.08						.73			T.	3.92	
Salisbury	do.	T.		.55	.40					T.		T.	.05	.60			T.	.25					T.	.30	T.					.45				T.	2.60	
Silver Spring	do.	.25		.97	.66	.03				T.		T.	.22	.19			T.						T.	.24	.37					.04				T.	2.97	
Sines ²	Ohio	.72		T.						T.		T.	.47	.09			T.	.01	.03				T.	.07	.36	.10					.07	.11	T.	2.07		
Snow Hill	Atlantic.	T.		1.70	.80					T.		T.	.10	.90			T.	.30					T.	1.30	T.									T.	5.60	
Solomons	do.	.01		.35	.30	T.				T.		T.	.21	.32			T.	.25	.30				T.	.06	.60									T.	2.40	
State Sanatorium	do.	.65		.35	.35					T.		T.	.20	T.			T.			1.25			T.	.13	.08	.60		.70						T.	5.20	
Stevensville	do.	.27		1.10	.05	T.				T.		T.	.50	.02			T.						T.	.01	T.									T.	1.95	
Takoma	do.	.28			1.82	T.				T.		T.	.42	.23			T.						T.	.70	.70					.02				T.	3.47	
Tonoloway	do.	.53		.51	.53					T.	.02	.07	.50				T.	.03					T.	.47	1.61	.29										

Daily Temperatures for July 1940—Continued

Stations	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	
Maryland																																	
Aberdeen.....	Maximum.....	75	77	75	72	80	83	85	81	83	88	90	81	76	81	78	86	86	90	90	94	99	96	90	91	92	96	97	98	99	92	95	86.8
Aberdeen.....	Minimum.....	58	53	57	57	56	57	55	59	67	66	70	61	59	53	58	66	66	69	67	72	74	71	71	72	75	75	74	74	72	71	72	65.4
Annapolis.....	Maximum.....	76	76	74	70	80	82	80	80	82	93	86	82	75	79	77	80	83	88	87	99	98	94	90	89	91	101	97	92	94	96	86.0	
Annapolis.....	Minimum.....	59	57	57	60	58	62	64	63	70	74	62	60	61	60	67	68	69	70	74	74	78	72	71	74	77	76	74	75	72	77	67.9	
Baltimore (U.S.W.B.).....	Maximum.....	77	81	72	72	81	83	81	85	85	93	94	84	76	79	83	88	85	88	94	99	100	99	91	87	96	101	101	97	94	98	96.4	
Baltimore (U.S.W.B.).....	Minimum.....	59	60	59	59	60	62	63	64	69	71	74	63	61	61	62	67	69	69	73	79	80	80	74	74	75	80	78	75	74	74	69.1	
Bell.....	Maximum.....	79	80	79	74	82	83	82	84	85	92	93	89	76	78	82	85	84	88	92	96	97	98	94	88	95	98	100	99	95	95	88.3	
Bell.....	Minimum.....	57	46	51	56	50	51	52	54	63	61	65	58	49	49	60	62	66	62	69	68	72	70	69	69	69	70	72	69	68	73	61.7	
Cambridge (near).....	Maximum.....	82	80	79	69	78	82	80	84	84	91	92	83	73	77	78	86	83	85	90	94	96	96	97	88	94	99	100	99	94	95	86.7	
Cambridge (near).....	Minimum.....	61	50	57	58	53	54	53	60	68	65	72	66	58	49	51	66	65	67	73	76	74	73	69	73	76	79	78	74	71	79	65.7	
Charlotte Hall.....	Maximum.....	78	83	73	71	82	82	82	87	87	93	95	83	78	78	83	88	82	86	92	96	96	97	94	87	93	98	99	98	93	93	87.6	
Charlotte Hall.....	Minimum.....	56	49	54	57	56	54	54	58	67	65	70	65	58	50	54	64	63	64	67	72	74	73	71	70	69	75	72	69	70	68	74	63.8
Cheltenham§§.....	Maximum.....	76	79	75	72	80	80	80	83	85	90	92	79	74	78	80	84	82	86	91	94	97	96	91	88	93	96	98	98	91	92	86.2	
Cheltenham§§.....	Minimum.....	58	49	54	57	56	54	54	58	66	65	70	68	58	50	53	64	65	67	70	71	71	72	69	68	74	73	73	72	70	73	64.1	
Chestertown.....	Maximum.....	77	80	77	72	81	82	83	83	84	89	92	84	75	81	80	87	87	87	92	97	100	97	94	90	94	98	101	98	98	95	88.1	
Chestertown.....	Minimum.....	57	51	55	57	54	55	53	57	65	65	69	58	55	51	54	62	65	65	69	72	72	72	70	68	69	76	75	74	71	71	63.8	
Chewsville.....	Maximum.....	72	77	69	76	81	82	81	84	88	89	91	79	77	79	83	83	83	86	92	93	94	94	91	87	95	97	98	93	94	91	86.3	
Chewsville.....	Minimum.....	54	44	52	55	46	47	50	52	58	60	61	62	56	45	52	61	62	63	61	64	66	68	65	67	64	69	68	66	66	59.4		
Coleman.....	Maximum.....	75	78	77	71	79	81	82	84	85	90	91	87	76	81	80	86	87	88	92	95	100	97	93	91	93	97	100	98	94	93	87.5	
Coleman.....	Minimum.....	57	52	58	55	58	61	56	60	65	67	70	63	57	54	58	62	66	65	68	74	73	75	69	69	72	75	75	73	72	76	65.7	
College Park.....	Maximum.....	80	81	80	74	81	82	82	85	86	92	93	90	76	79	83	86	84	88	93	97	97	98	93	89	95	99	100	98	94	97	85.8	
College Park.....	Minimum.....	58	47	53	57	50	51	54	64	61	66	67	69	51	49	62	63	68	62	68	70	74	71	70	74	70	72	73	69	68	75	62.8	
Conowingo Dam.....	Maximum.....	75	77	71	75	80	83	83	84	82	93	92	77	77	79	81	86	86	90	93	95	97	96	89	84	91	99	95	97	95	96	84.6	
Conowingo Dam.....	Minimum.....	55	49	53	56	55	54	51	53	61	64	66	62	60	52	51	61	64	63	65	68	69	68	70	70	72	72	71	69	73	70	62.5	
Crisfield.....	Maximum.....	79	77	74	72	80	81	81	82	86	91	89	88	77	75	77	85	83	85	88	88	91	91	91	89	89	94	94	95	92	92	85.5	
Crisfield.....	Minimum.....	65	63	64	61	61	65	68	69	70	78	76	60	56	59	68	70	70	73	78	79	79	73	73	74	81	82	83	78	77	80	70.8	
Cumberland§§.....	Maximum.....	76	80	68	81	84	82	84	89	90	93	96	74	80	82	90	87	83	89	96	97	97	98	96	98	100	102	101	98	97	100	95	89.8
Cumberland§§.....	Minimum.....	55	45	52	58	48	50	52	54	60	63	62	67	55	47	51	61	64	65	63	65	68	69	69	90	92	91	95	97	94	95	87.2	
Darlington.....	Maximum.....	76	76	75	75	78	82	83	83	84	91	92	90	76	80	82	85	86	87	92	94	98	95	94	98	95	96	97	94	95	94	95	84.7
Darlington.....	Minimum.....	54	47	50	57	54	58	50	53	60	63	65	63	58	50	60	62	65	65	67	70	68	71	70	69	71	72	70	70	70	70	62.3	
Dundalk.....	Maximum.....	77	81	73	71	82	81	81	84	84	89	93	84	78	78	81	85	85	88	91	100	101	98	90	88	92	103	102	97	94	96	88.0	
Dundalk.....	Minimum.....	60	55	58	58	55	58	57	62	69	70	73	62	60	56	60	65	66	68	68	75	79	76	72	73	75	78	76	73	74	74	67.0	
Easton.....	Maximum.....	75	80	77	69	80	82	84	85	85	87	94	85	72	80	82	88	86	88	93	96	98	96	94	90	95	100	101	101	98	95	88.1	
Easton.....	Minimum.....	58	51	55	58	54	55	54	60	66	66	73	65	58	51	52	64	65	67	70	73	74	75	74	71	73	75	77	77	74	78	65.8	
Elkton.....	Maximum.....	74	80	76	73	81	83	85	85	87	93	95	88	77	83	84	88	86	90	94	99	98	98	98	98	99	97	96	100	101	97	96	89.2
Elkton.....	Minimum.....	58	48	54	57	53	53	50	55	61	66	68	63	58	49	50	62	65	65	66	71	70	70	70	73	72	71	73	72	70	71	63.1	
Emmitsburg.....	Maximum.....	74	78	72	75	80	81	82	84	85	89	92	90	76	80	83	84	85	86	92	94	95	95	90	88	93	95	94	90	83	93	80.4	
Emmitsburg.....	Minimum.....	53	51	56	55	51	54	51	58	57	60	61	64	58	50	51	58	64	65	66	71	75	77	71	70	69	71	71	69	68	72	62.5	
Fallston.....	Maximum.....	75	77	74	69	78	79	80	81	83	89	92	87	75	79	80	84	85	86	92	95	96	93	92	87	93	97	96	95	99	97	92	84.0
Fallston.....	Minimum.....	56	52	57	55	56	58	55	57	65	66	69	64	57	54	56	63	65	65	65	71	72	71	70	69	70	74	69	71	70	72	64.0	
Ferry Landing.....	Maximum.....	78	85	75	73	82	80	81	85	85	89	94	86	75	79	82	87	83	87	93	97	97	99	95	87	95	98	99	99	93	97	92	88.3
Ferry Landing.....	Minimum.....	57	52	55	56	57	55																										