

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

IN COOPERATION WITH MARYLAND STATE WEATHER SERVICE

CLIMATOLOGICAL DATA

15 MARYLAND AND DELAWARE SECTION

J. R. WEEKS

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VOL. XLIV BALTIMORE, MD., APRIL 1940 No. 4

GENERAL SUMMARY

This April was cold and very wet; the coldest April since 1907. Temperatures were mostly mild during the 1st-11th and mild during the 16-19th and 29-30th; otherwise, the weather was cold. The 12-15th was the coldest period. The wet period of the 11th-21st prevented field operations. Heavy rains of the 8-9th and 19-20th caused high water in all streams. Monthly sunshine was about 10% below normal.

Allegany and Washington Counties and the southern Eastern Shore comprised the areas of least monthly precipitation, 4 to 6 inches; over the remainder of the section monthly amounts were mostly 6 to 8 inches. Monthly precipitation averaged one and two-thirds times the normal.

Snow flurries occurred on the 5th, 9th, and 24th and light snow fell on the 21st in the Allegheny Mountain region. Snow flurries occurred on the 15th over the section, except the eastern half of the Eastern Shore. Light snow fell over the section on the 12th and during the nights of the 12-13th and 13-14th.

Wheat, rye, and barley greened to a good color, made growth, and improved to good to excellent while grasses and pastures, previously brown and dormant, greened slowly after the first decade and improved to good, except grains, grasses, and pastures were greening in the Allegheny Mountain region during the third decade. Early planted peas, early sown oats, and early sown tomato and tobacco seeds in the eastern and central divisions came up during the second and third decades. During the third decade: Some of the first planted early potatoes and early bedded sweet potatoes in the southern half of the section were sprouting; peach and pear trees were in full bloom in the southern and central counties and were blooming or beginning to bloom in the northern counties, except Garrett County; apple buds were swelling in the eastern and central divisions; and strawberry plants were blooming on the Eastern Shore and in southern Maryland. Plowing, planting crops, and sowing seeds were in progress when conditions permitted, except not yet begun in the Allegheny Mountain region. Activities included stripping tobacco and feeding livestock.—J. B., jr.

TEMPERATURE

The monthly mean for the section, 48.1°, is 4.0° below normal. The highest monthly mean was 51.6° at Crisfield; the lowest, 41.5°, at Mt. Savage Summit. The highest temperature, 84°, occurred at Great Falls on the 30th; the lowest, 13°, at Mt. Savage Summit on the 13th. The greatest local monthly range was 65° at Keedysville; the least, 39°, at Ocean City. The greatest daily range was 51° at Oakland, Sines and Western Port on the 30th.

PRECIPITATION

The monthly average for the section, 5.89 inches, is 2.31 inches above normal. The greatest monthly amount was 8.08 inches at La Plata; the least, 3.78 inches at Delaware Breakwater. The greatest 24-hour rainfall was 3.15 inches at Chestertown on the 7-8th. The monthly average snowfall for the section, 1.8 inches, is 0.7 inch above normal. The greatest 24-hour snowfall was 5.0 inches at Sines on the 12-13th. The average number of days with 0.01 inch or more of precipitation, 13, is 3 above normal.

MISCELLANEOUS PHENOMENA (WITH DATES)

Auroras: 1, 2, 26. *Eclipse, solar*: 7. *Fogs*: 3, 4, 8, 9, 11, 12, 15 to 21, 23, 25. *Frosts*: 2, 6, 7, 10, 15, 23, 25, 26, 28, 29. *Geese flying north*: Princess Anne, 19. *Hail light*: Oakland, 8; Washington, D. C., 4. *Hail, size of pea to one and one-fourth inches in diameter*: Leonardtown, 5:15 p.m., 4; no damage. *Halos, solar*: 1, 2, 10, 11, 12, 23, 26. *Swallows, first seen*: Keedysville, 27. *Thunderstorms*: 3, 4, 8, 16, 17, 19, 20. *Winds, high*: 1, 4 to 6, 8, 9, 11 to 14, 20 to 23.

PRESSURE, HUMIDITY, SUNSHINE, WIND, DEGREE DAYS

Stations	Atmospheric pressure reduced to sea level				Wind				Mean relative humidity			Percentage of sunshine	Heating degree days (base 65°)
	Highest	Date	Lowest	Date	Average hourly velocity	Maximum velocity	Direction	Date	7:30 a. m.	1:30 p. m.	7:30 p. m.		
Aberdeen, Md.	30.37	28	29.43	21	10.1	30	nw.	22	76	..	60	..	508
Annapolis, Md.	30.40	28	29.45	21	10.4	37	sw.	11	73	55	65	50	473
Baltimore, Md.	30.40	28	29.47	21	11.6	37	sw.	3	84	58	65	44	442
Elkins, W. Va.	30.46	28	29.45	20	7.2	32	sw.	3	84	58	65	44	544
Harrisburg, Pa.	30.42	28	29.52	21	10.0	28	se.	11	69	52	57	46	523
Norfolk, Va.	30.28	28	29.39	29	10.5	32	nw.	13	76	53	65	53	301
Philadelphia, Pa.	30.39	28	29.45	21	13.2	40	ne.	20	73	59	66	43	501
Pittsburgh, Pa.	30.46	28	29.52	8	11.7	41	n.	3	73	52	60	41	504
Washington, D. C.	30.40	28	29.46	21	8.4	26	nw.	22	68	49	54	46	426

COMPARATIVE DATA FOR APRIL

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.....	52.4	89	18	5.17	0.1	9	52.1	89	28	5.99	0.0	10
1896.....	55.9	97	12	1.42	0.7	6	55.9	99	22	1.46	T.	6
1897.....	52.1	84	15	2.97	0.1	8	52.8	89	26	3.18	0.0	7
1898.....	50.3	86	6	2.67	2.4	11	50.1	82	21	3.60	1.8	12
1899.....	53.1	94	14	1.60	0.3	4	52.3	84	22	1.56	T.	3
1900.....	52.3	86	16	1.93	0.4	6	53.2	79	24	2.39	T.	6
1901.....	49.1	90	15	5.74	2.0	11	49.9	81	31	5.12	0.0	9
1902.....	51.7	102	16	3.38	2.8	8	52.4	90	27	4.25	T.	9
1903.....	52.4	95	13	4.06	T.	9	52.8	83	25	3.66	T.	9
1904.....	49.1	87	10	2.47	0.2	9	49.5	84	24	2.40	T.	7
1905.....	52.8	88	8	2.82	0.6	9	52.7	85	26	3.07	T.	9
1906.....	54.1	96	10	3.23	T.	7	54.4	89	26	2.35	0.0	7
1907.....	47.0	86	9	3.33	2.0	10	47.4	83	23	3.36	0.5	11
1908.....	54.5	90	19	2.30	T.	10	55.3	87	24	2.81	T.	11
1909.....	52.6	89	5	3.51	0.9	10	53.7	86	25	4.30	T.	10
1910.....	55.9	92	20	5.58	0.2	12	57.1	87	28	3.85	0.0	9
1911.....	48.9	88	0	3.20	1.5	11	49.7	79	25	3.66	T.	11
1912.....	54.7	87	21	2.72	T.	12	54.3	83	27	2.83	T.	11
1913.....	53.9	90	11	4.41	T.	10	55.2	83	29	5.14	T.	10
1914.....	51.5	89	15	3.89	0.1	10	52.5	85	24	3.38	T.	9
1915.....	56.9	100	10	1.56	4.5	6	57.8	97	25	2.44	9.3	12
1916.....	51.4	89	17	3.10	4.3	12	51.5	87	28	2.42	1.1	12
1917.....	52.4	90	14	2.41	4.0	8	52.4	89	24	2.52	2.6	8
1918.....	51.0	83	15	5.90	5.7	12	52.3	81	28	4.33	0.2	10
1919.....	51.7	88	11	3.34	0.1	7	52.4	81	21	3.91	T.	7
1920.....	50.8	88	12	4.77	0.6	14	52.3	84	26	3.93	T.	10
1921.....	58.0	92	16	3.13	0.7	10	58.5	88	26	3.61	3.6	12
1922.....	54.0	93	17	1.84	0.1	9	54.2	88	28	2.32	0.0	9
1923.....	51.5	88	-3	4.15	1.1	9	52.0	83	11	4.22	0.1	8
1924.....	50.0	83	13	4.94	5.8	12	50.4	79	20	5.52	2.4	12
1925.....	55.2	97	20	2.49	0.2	11	55.3	89	25	2.96	0.0	12
1926.....	49.9	89	18	1.72	0.5	9	50.8	88	25	1.91	T.	10
1927.....	49.9	91	18	4.91	1.7	14	50.3	94	28	3.09	1.2	14
1928.....	49.9	85	14	5.85	4.4	12	50.8	82	23	5.88	0.6	12
1929.....	55.4	94	25	6.44	0.2	14	56.0	95	32	6.74	0.0	13
1930.....	50.6	93	18	2.54	0.6	9	50.7	85	25	1.99	T.	8
1931.....	51.3	84	18	3.05	1.6	9	51.9	78	28	3.31	0.0	9
1932.....	50.3	84	16	2.18	0.4	8	51.6	80	29	2.52	T.	8
1933.....	52.8	88	20	5.44	0.1	11	53.1	80	28	5.42	0.0	10
1934.....	51.9	86	19	2.60	2.3	10	52.0	82	29	3.13	T.	11
1935.....	49.9	82	14	3.76	0.3	10	50.9	85	30	3.81	T.	11
1936.....	49.6	90	11	2.82	0.3	11	51.2	85	28	3.01	T.	12
1937.....	51.1	94	19	6.52	0.2	12	52.3	88	28	5.19	T.	11
1938.....	54.8	94	19	1.76	0.2	8	55.3	88	25	1.87	T.	8
1939.....	51.2	93	16	5.03	0.2	16	52.0	88	27	5.66	T.	15
1940.....	48.2	84	13	5.92	1.8	13	47.9	80	22	5.69	2.2	15
Period.....	52.0	102	-3	3.58	1.2	10	52.6	99	11	3.59	0.6	10

Climatological Data for April 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	48.0	-3.1	76	30	24	13	33	6.83	+3.48	2.37	0.9	13	4	9	17	nw.	U. S. Army
Annapolis	Anne Arundel	45	75	49.3	-4.0	72	30	26	13	26	5.14	+1.44	2.35	1.6	12	4	10	16	nw.	U. S. Navy
Baltimore*	Baltimore	14	70	50.2	-3.4	75	30	28	13	28	6.99	+3.65	2.57	0.8	11	4	8	18	nw.	U. S. Weather Bureau
Bell†	Prince Georges	151	20	48.4	-3.8	82	30	23	13	47	5.55	+1.63	1.93	1.2	13	4	14	12	nw.	Bureau Plant Industry
Cambridge (near)	Dorchester	13	47	50.1	-4.4	77	30	28	13	38	4.32	+0.66	1.95	1.0	10	9	10	11	nw.	Matt Harding
Charlotte Hall	St. Marys	167	19	50.2	-	81	30	23	13	35	6.13	+2.35	2.44	2.0	15	5	14	11	nw.	A. D. V. Burr
Cheltenham	Prince Georges	230	40	49.0	-4.7	80	30	23	13	36	6.41	+2.57	2.54	3.0	15	5	13	12	nw.	U. S. Magnetic Obs'y.
Chestertown	Kent	35	35	47.0	-5.0	74	30	23	13	35	7.33	+4.03	3.15	3.2	14	6	10	14	nw.	Thomas W. Eliason, Jr.
Chesville	Washington	630	43	46.3	-4.0	77	4	15	14	42	4.35	+1.42	1.58	0.5	13	8	10	12	nw.	D. Paul Oswald
Coleman††	Kent	80	43	48.0	-4.9	71	30	25	13	31	6.45	+3.01	1.95	2.0	11	6	11	13	nw.	Walter B. Harris
College Park	Prince Georges	160	54	49.3	-3.6	80	30	25	13	43	5.82	+2.40	2.05	1.3	15	4	14	12	nw.	Russell G. Brown
Conowingo Dam	Harford	40	5	46.0	-	70	30	24	15	34	6.28	-	1.92	1.3	15	5	12	13	nw.	Susquehanna Electric Co.
Crisfield	Somerset	5	21	51.6	-3.0	74	30	30	13	25	4.98	+1.40	1.28	1.0	14	6	13	11	nw.	Arthur B. Cochran
Cumberland	Allegany	623	70	48.8	-3.2	83	29	25	13	49	4.58	+1.49	1.29	1.0	12	10	9	11	nw.	Paul J. Stein
Darlington	Harford	360	50	46.3	-5.0	70	30	23	13	35	5.79	+2.43	1.90	1.5	13	5	12	13	nw.	Fred. C. Jones
Dundalk	Baltimore	12	6	48.9	-	75	30	28	13	31	6.49	-	2.19	0.5	11	4	12	14	nw.	U. S. Airport Station
Easton	Talbot	35	50	49.4	-3.7	78	30	25	13	36	5.04	+1.68	1.30	2.0	11	9	9	12	nw.	Clement E. Bray
Edgemont	Washington	920	2							4.96	-	1.34	0.8	12						
Elkton	Cecil	28	14	47.9	-3.1	76	30	23	13	40	6.93	+3.01	2.18	2.0	13	10	8	12	nw.	H. W. Bouchelle
Emmitsburg	Frederick	720	74	47.9	-3.8	77	4	22	14	37	6.21	+2.69	2.00	0.7	15	9	10	11	nw.	Mt. St. Mary's Seminary
Fallston††	Harford	450	71	47.4	-3.3	71	30	21	14	30	7.59	+3.91	2.45	2.0	15	5	13	12	nw.	Miss Dora Curtiss
Ferry Landing††	Calvert	120	24	50.0	-3.4	81	30	25	13	34	6.37	+2.65	2.43	1.5	10	6	13	11	nw.	Thos. J. Bourne
Frederick	Frederick	325	71	49.0	-3.8	80	30	21	14	41	5.69	+2.30	1.42	2.0	13	9	9	12	nw.	August T. Brust
Friendsville	Garrett	1,980	22	44.0	-3.2	77	29	16	13	45	6.76	+3.27	1.15	6.5	16	7	6	17	nw.	Joab J. Friend
Frostburg	Allegany	1,930	39	46.0	-3.4	75	29	19	13	38	4.75	+0.97	1.01	4.0	12	11	7	12	w.	Thos. F. Lewis
Georgetown	Cecil	25	4	48.8	-	75	30	25	13	33	7.40	-	2.82	2.0	13	10	7	13	nw.	Capt. N. L. Riggins
Grantsville	Garrett	2,320	47																	
Great Falls††	Montgomery	200	52	49.2	-3.7	84	30	25	15	48	5.73	+2.51	2.24	0.5	11	7	11	12	nw.	John E. Bissett
Hancock	Washington	540	16							4.50	+1.07	1.35	0.2	14						
Huntingtown	Calvert	160	5	49.0	-	80	30	28	14	35	5.87	-	2.15	1.5	14	5	14	11	nw.	Elmer O. Bowen
Keedysville	Washington	420	37	48.3	-4.4	80	4	15	14	48	5.35	+2.18	1.59	0.2	12	8	10	12	nw.	J. A. Miller
La Plata	Charles	190	26	49.9	-4.3	81	30	24	13	36	8.08	+4.47	3.12	2.5	13	5	13	12	nw.	Walter M. Page
Laurel	Prince Georges	300	46	48.6	-3.9	79	30	25	13	39	6.18	+2.57	2.41	1.0	14	5	10	15	nw.	Evans G. Chaney
Leonardtown	St. Marys	50	16	50.6	-3.3	82	30	24	13	36	4.90	+1.41	1.14	2.2	14	5	14	11	nw.	Dr. Eugene C. Peck
Luke	Allegany	950	3							5.10	-	1.00	1.0	13						
Lutherville	Baltimore	340	14	47.6	-3.2	75	30	21	13	37	7.65	+2.84	2.50	1.5	12	8	10	12	nw.	Clarence J. Thomson, Jr.
Maryland Line	do	840	16	46.5	-3.3	75	30	20	13	33	7.34	+3.99	2.04	2.5	13	9	9	12	nw.	Chester L. Fulton
Millington	Kent	27	43	48.8	-4.3	77	30	26	13	37	6.70	+3.18	1.90	2.1	14	6	11	13	nw.	Henry L. Hignam
Mt. Savage Summit††	Garrett	2,852	8	41.5	-	72	29	13	13	36	5.73	-	1.33	8.3	13	7	6	17	nw.	U. S. Airway Station
Oakland	do	2,420	43	43.4	-2.6	76	29	15	13	51	6.93	+3.01	1.20	4.2	16	6	8	16	w.	R. E. Weber
Ocean City	Worcester	10	2	47.2	-	66	18	27	13	22	4.00	-	1.54	1.0	15	4	11	15	nw.	U. S. Airway Station
Oxford	Talbot	10	4	50.8	-	76	30	29	13	30	4.26	-	1.23	1.5	13	9	10	11	nw.	Henry Wilcox
Perryville	Cecil	40	5							6.02	-	1.99	2.0	12						
Picard††	Allegany	1,030	14	47.4	-3.0	76	4	21	13	42	4.00	+0.15	1.14	1.0	10	9	11	10	w.	American Fruit Growers
Pleasant Hill††	Baltimore	660	16							7.31	+3.95	2.50	2.5	14	9	9	12	nw.	Walter P. Quintin, Jr.	
Pocomoke City	Worcester	37	32							5.83	+2.38	1.40	1.0	12						
Poolesville	Montgomery	460	2	49.6	-	82	30	24	14	37	5.00	-	2.15	1.5	12	8	10	12	nw.	James R. Tilghman
Prettyboy Dam††	Baltimore	780	10	46.4	-3.2	73	30	21	13	31	7.14	+3.38	2.23	2.0	13					
Princess Anne	Somerset	17	65	49.3	-4.6	76	30	26	13	33	4.08	+0.57	0.86	1.0	12	4	15	11	nw.	Ralph F. Staley
Ridgely	Caroline	67	50	49.9	-3.1	78	30	23	13	36	6.02	+2.70	1.50	2.0	13	7	10	13	nw.	C. W. Hendrix
Rock Hall	Kent	20	27	48.2	-4.3	73	30	27	13	36	6.99	+3.45	2.30	2.5	13	6	11	13	nw.	James R. Stewart
Salisbury	Wicomico	31	35	49.3	-4.7	77	30	24	13	40	4.20	+0.96	1.15	1.0	12	9	10	11	nw.	Albert White
Silver Spring	Montgomery	310	2	49.2	-	79	30	24	13	37	5.54	-	2.10	1.0	13	5	13	12	n.	Charles Juefend
Sines (Deep Creek)††	Garrett	2,030	16	43.3	-1.2	78	29	17	13	51	7.49	+2.99	1.38	6.0	18	6	8	16	nw.	Brady C. Bounds
Snow Hill	Worcester	20	25	49.6	-2.6	78	18	24	13	35	5.40	+2.28	1.20	1.0	13	6	10	14	nw.	O. L. Harvey
Solomons	Calvert	20	49	50.6	-3.4	73	19	27	13	28	5.92	+2.94	1.42	2.0	15	5	14	11	nw.	C. E. MacMurray
State Sanatorium	Frederick	1,460	32	46.0	-4.6	73	14	20	13	36	5.88	+2.36	2.63	1.4	12	8	10	13	nw.	Richard Leake
Stevensville	Queen Annes	12	14	49.4	-	75	30	28	13	39	7.25	-2.72	2.95	2.0	10	4	13	13	nw.	Chesapeake Biological L'b.
Takoma	Montgomery	320	42	50.2	-2.7	81	30	25	13	38	5.35	+2.84	2.23	1.5	12	5	13	12	nw.	Dr. V. F. Cullen
Tonoloway††	Washington	550	30	47.4	-4.0	73	4	20	14	48	4.24	+0.81	1.24	1.0	12	10	9	11	nw.	T. R. Price
Towson	Baltimore	475	29							7.09	+3.57	2.40	1.2	13	6	11	13	nw.	Guy L. Seaman	
Western Port	Allegany	1,000	47	48.8	-2.8	82	29	23	13	51	5.64	+2.65	1.45	1.5	13					
Westminster	Carroll	770	31	47.4	-4.3	77	30	20	14	39	7.12	+3.80	1.82	2.0	13	9	9	12	nw.	American Fruit Growers
Williamsport	Washington	360	2							4.41	-	1.41	0.5	13						
Woodstock	Baltimore	415	71	47.2	-5.0	78	30	23	15	44	7.21	+3.89	2.67	1.6	13	9	9	12	nw.	S. Elmer Parks
Dist. of Columbia																				
Washington**		72	70	50.8	-2.5	82	30	28	13	31	6.19	+2.92	2.30	0.5	12	5	11	14	nw.	Norris Bruce
Delaware																				
Bridgeville	Sussex	45	50	48.4	-4.5	75	18	22	13	41	4.14	+0.84	1.46	2.0	12	9	8	13	nw.	Harry J. Mathias
Delaware Breakwater	do	40	5	46.7	-	73	18	29	13	30	3.78	-	1.28	1.0	13	4	10	16		

Daily Precipitation for April 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			
Aberdeen ¹	Atlantic.			.50	.04			T.	2.10	.06			.77	.04	.01	T.	.56	.16	.02	1.80	.73	.04												6.83	
Annapolis ¹	do.			.21	T.			T.	2.33	.02			.57	T.	.02	T.	.16	.15	.06	.26	1.27	.02			T.		T.	T.	T.					5.14	
Baltimore ¹	do.			.24				T.	2.40	.01			.72	.02	T.	T.	.67	.01	.04	.56	2.24	.08				T.	T.	T.	T.					6.99	
Bell	do.			.08	.17	.01			1.60	.20			.45	.36	T.	T.	.13	.34	.01	.19	1.93	.08	T.				T.	T.	T.	T.				5.55	
Cambridge (near)	do.		T.	T.	.30				.35	.45			.80	1.15	T.	T.	*	*	T.	.40	.77	.10	T.				T.	T.	T.	T.				4.32	
Charlotte Hall	do.		.04	T.	.06	T.			1.67	.77			.68	.29	T.	T.	.72	.04	T.	.40	1.32	.07	T.											6.13	
Cheltenham ¹	do.		.01	T.	.05	T.			.28	2.54	.02		.12	.55	T.	T.	.07	.60	T.	.20	1.70	.12	.06			.05	.07	T.	T.	.02	T.			6.41	
Chestertown	do.			.36	.05				3.15	.11			.70	.45	.02	T.	.07	.46	.08	.33	1.48	.12	T.				T.	T.	T.	T.				7.33	
Chevy Chase	do.			.03	.40				1.58	.07			.17	.01	.01	T.	.17	.47	.07	.46	.81	.10	T.				T.	T.	T.	T.				4.35	
Coleman	do.		T.	.30	T.				1.85	.46			.52	.38	T.	T.	.20	.54	.05	* 2.05	.10	T.					T.	T.	T.	T.				6.45	
College Park	do.		T.	.10	T.				2.05	.15			.52	.07	.01	.03	.13	.28	.02	.33	1.94	.03	T.			.02	T.	T.	T.	T.				5.82	
Conowingo Dam ¹	do.		.11	T.	.59				1.21	.91	T.		.21	.80	.03	T.	.20	.12	.02	.06	1.92	.12	.04											6.28	
Crisfield	do.		.09	T.	T.	.10			.03	.42			.39	.53	T.	.17	.77	T.	.15	.16	1.29	.35	T.											4.98	
Cumberland ¹	do.		T.		.90				.55	.50	.02		T.	T.	.08	T.	.07	.46	.15	.16	1.29	.35	T.											4.58	
Darlington	do.		T.		*	*			* 2.60				.48	T.	*	*	*	.56	.05	*	2.00	.10	T.				.06	T.	T.	T.					5.79
Dundalk ¹	do.			.21	T.			.01	2.19	.07			.88	T.	T.	.01	.65	T.	.07	.96	1.29	.15					T.	T.	T.	T.					6.49
Easton	do.		T.	.03	T.	T.			1.09	.93			1.00	.30	T.	.05	.13	.20	T.	.20	1.10	.10	T.				T.	T.	T.	T.					5.04
Edgemont ¹	do.		.08		.56				.45	1.34			.03	.10	.03	T.	.10	.50	T.	.38	1.06	.33	T.				T.	T.	T.	T.					4.96
Elkton	do.		T.	.07	.60				1.80	.20			.85	.20	T.	T.	.20	.18	.06	.48	2.18	.06	T.						.05	T.	T.				6.93
Emmitsburg	do.		.01	T.	*	*			2.46	.21	.02		.15	.02	.04	T.	.23	.34	.07	.47	1.82	.36	T.					.04	T.	T.	T.				6.21
Fallston	do.		.37	.05					2.45	.44			.42	.10	.03	T.	.24	.67	.03	.11	2.45	.18	T.						.05	T.	T.				7.59
Ferry Landing	do.		T.	T.	T.	T.			2.43	.56			.48	.24	T.	.08	.15	.18	T.	.27	1.90	.08	T.				T.	T.	T.	T.					6.37
Frederick ¹	do.		T.	T.	T.	.50			.58	1.21	T.		.07	.13	.10	T.	.02	1.06	.04	.15	1.42	.40	T.				.01	T.	T.						5.05
Friestown	Ohio			T.	1.15	T.			1.03	.15			.05	.20	.20	.58	.55	.61	.33	.08	.53	.20	T.												6.76
Frostburg	Atlantic.			T.	.30				.90	.19			T.	.14	.18	T.	.09	.60	.22	.35	1.01	.22	T.				.05	T.	T.	T.					4.75
Georgetown	do.		.20	T.	*	.80			* 2.82				.64	.30	T.	T.	.20	.45	*	.15	1.74	.10	T.				T.	T.	T.	T.					7.40
Great Falls ¹	do.		T.	T.	.30	T.			* 2.32	.24			.66	T.	T.	T.	.20	.28	T.	.08	1.56	.14	.05				T.	T.	T.	T.					5.73
Hancock ¹	do.		.04	T.	.45				.32	1.14	T.		.03	.06	.02	T.	.01	.40	.04	.27	1.35	.33	.04				T.	T.	T.	T.					4.39
Huntingtown	do.		T.	.03	.04	.02			2.15	.45			.67	.40	T.	.16	.12	.07	.02	.30	1.33	.11	T.				T.	T.	T.	T.					5.87
Keedysville	do.		T.	.04	.42				1.59	.06			.13	T.	.02	T.	.30	1.01	.07	.40	1.12	.19	T.				T.	T.	T.	T.					5.35
La Plata	do.		T.	T.	*	.03	T.		3.12	.56			.63	.25	T.	.51	.40	.16	T.	.36	1.78	.10	T.				.16	T.	T.	T.	.02	T.			8.08
Laurel	do.		T.	*	.22	T.			2.12	.13			.60	.02	T.	*	.44	.03		.16	2.41	.02	T.				.03	T.	T.	T.	T.				6.18
Leonardtown	do.		.02	T.	.07	.11			.66	.48			.74	.37	T.	.77	.07	T.	.01	.24	1.14	.05	T.												4.90
Luke ¹	do.		T.	.93	.21				.71	.33	T.		.01	T.	.10	T.	.40	.36	.26	.22	1.00	.60	.03				.15	T.	T.	T.	T.				5.10
Lutherville	do.		T.	T.	.35				2.20	.50			.60	.30	.05	T.	.10	.70	.10	.10	2.50	.15	T.				T.	T.	T.	T.					7.65
Maryland Line	do.		.28	T.	.40				2.04	.42			.53	.40	T.	T.	.24	.43	*	.32	2.00	.31	T.				T.	T.	T.	T.					7.34
Millington	do.		.02	T.	*	*			2.30	1.18	T.		.58	.37	.01	T.	*	.56	.02	.06	1.50	.09	.01												6.70
Mt. Savage Summit ¹	do.		.02	.57	.28	T.			1.01	.07			.02	.33	.15	.01	.70	.42	.11	.62	1.06	.28	T.				.02	T.	T.	T.					5.73
Oakland	Ohio		.12	1.08	T.				.02	.88	.11		.22	.20	T.	.57	.45	1.07	.45	.73	.54	.18	.07				.02	T.	T.	T.					6.93
Ocean City	Atlantic.		T.	.06	.39	.01			.05	.68			1.06	.48	T.	.02	.03	.01	T.	.13	.78	.09	T.				.12	T.	T.	T.					4.60
Oxford	do.		T.	.04	.02	T.			.46	1.23			.82	.39	T.	T.	.09	.08	.01	.20	.86	.05	.01				T.	T.	T.	T.					4.26
Perryville ¹	do.		.13	T.	.53				2.41	1.99	T.		.20	.44	T.	T.	.22	.29	.03	.05	1.50	.10	T.				T.	T.	T.	T.					6.02
Picardy	do.			*	.48				.90	T.			T.	T.	.10	T.	.28	.50	*	.50	1.14	.10	T.				T.	T.	T.	T.					4.00
Pleasant Hill	do.		.07	T.	.31				2.50	.30			.35	.08	.03	T.	.26	.71	.07	.27	2.28	.07	.01				T.	T.	T.	T.					7.31
Pocomoke City	do.		T.	.12	T.				* .76				* 1.40	T.	*	1.15	T.	*	1.50	.20	T.						.50	T.	T.	T.					5.83
Poolesville	do.		T.	.05	.07	T.			* 2.35				.32	.10	T.	T.	.11	.30	.06	.15	1.31	.19	T.				T.	T.	T.	T.					7.00
Prettyboy Dam	do.		*	T.	.66				* 2.44				* .56	*	T.	T.	.27	.36	.02	*	2.33	T.					T.	T.	T.	T.					5.14
Princess Anne ¹	do.		.05	T.	.10	T.			.32	.08			.66	.17	T.	.62	T.	T.	.72	.86	.06	T.					.27	T.	T.	T.	.17	T.			4.08
Ridgely	do.		T.	.48	.04				.63	1.22			1.06	.45	T.	T.	*	.52	.02	.10	1.32	.12	T.				T.	T.	T.	T.	.02	T.			6.02
Rock Hall	do.		.05	T.	.31	T.			2.30	.21			.59	.40	.03	T.	.10	.51	.03	.05	2.30	.11	T.				T.	T.	T.	T.					6.99
Salisbury	do.		T.	.50	T.				.29	.25			.70	.45	T.	T.	.20	.20	T.	.10	1.00	.20	T.				.30	T.	T.	T.	.10	T.			4.20
Silver Spring	do.		T.	.08	.13	T.																													

Daily Temperatures for April 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.....	56	59	54	66	55	59	63	53	56	61	61	57	40	42	52	66	57	66	58	47	45	49	58	54	57	62	62	65	69	76	57.5	
.....	Minimum.....	38	32	41	42	43	33	35	45	42	37	42	29	24	28	35	44	46	43	45	41	39	39	35	41	38	41	41	36	40	43	38.4	
Annapolis.....	Maximum.....	58	53	48	60	56	60	59	56	58	62	62	58	40	44	49	64	59	70	65	47	46	50	54	52	58	60	60	64	68	72	57.1	
.....	Minimum.....	43	38	43	43	43	36	42	48	42	39	47	32	26	29	38	45	46	46	46	42	40	42	39	44	40	44	43	42	46	50	41.5	
Baltimore (U.S.W.B.).....	Maximum.....	57	60	51	65	57	61	60	56	58	63	64	60	41	44	52	62	58	67	64	47	47	49	60	54	61	60	62	66	69	75	58.3	
.....	Minimum.....	42	39	44	45	43	36	44	50	44	39	47	32	28	29	35	45	48	46	46	42	40	41	40	45	41	45	47	44	49	50	42.2	
Bell.....	Maximum.....	61	60	56	70	66	60	62	56	60	63	67	63	40	43	50	65	63	70	70	48	45	53	61	60	62	60	64	68	72	82	60.7	
.....	Minimum.....	37	27	35	43	45	32	28	48	49	30	39	34	23	25	24	44	50	46	48	43	38	38	30	43	27	37	32	28	28	35	36.2	
Cambridge (near).....	Maximum.....	64	55	54	69	62	58	64	60	60	60	65	58	41	45	52	69	66	70	69	65	50	59	57	55	62	60	60	62	70	77	60.3	
.....	Minimum.....	43	30	40	43	46	37	31	50	51	37	42	40	28	31	28	45	51	46	50	47	41	41	39	44	32	43	32	34	32	43	39.9	
Charlotte Hall.....	Maximum.....	65	58	54	73	64	62	65	61	58	63	69	60	41	47	52	66	59	73	73	51	45	55	59	55	64	60	63	65	72	81	61.1	
.....	Minimum.....	41	35	38	42	40	33	35	50	49	35	43	34	23	28	30	44	51	46	47	44	39	40	42	43	35	45	39	38	37	46	39.4	
Cheltenhamss.....	Maximum.....	58	58	51	73	64	60	62	56	57	62	68	59	38	45	51	65	60	72	52	48	46	53	59	52	62	59	60	65	72	80	58.5	
.....	Minimum.....	41	31	39	43	43	34	32	48	50	32	43	36	40	23	26	32	45	50	46	49	47	39	30	45	32	42	37	36	37	44	39.5	
Chestertown.....	Maximum.....	58	58	53	66	54	58	62	55	57	62	64	57	38	41	51	65	60	65	62	45	43	46	57	54	58	58	60	63	69	74	57.1	
.....	Minimum.....	35	28	38	40	41	31	34	49	43	36	40	30	23	27	28	43	47	45	45	40	38	37	41	40	35	38	37	34	36	39	36.9	
Chewsville.....	Maximum.....	55	58	52	77	62	58	61	56	54	60	67	63	38	40	48	60	59	68	60	45	44	52	58	51	58	59	61	65	72	75	57.9	
.....	Minimum.....	34	25	41	40	43	38	27	29	46	42	31	43	31	23	15	26	40	48	47	43	39	35	37	28	41	28	30	36	20	30	34.7	
Coleman.....	Maximum.....	60	58	54	66	65	56	60	56	55	61	61	60	39	41	52	57	59	64	63	48	45	47	59	58	60	61	62	64	66	71	57.6	
.....	Minimum.....	37	31	41	40	43	38	37	46	47	37	39	36	25	28	29	41	47	43	43	41	38	37	36	42	35	42	40	38	37	40	38.3	
College Park.....	Maximum.....	63	61	58	74	65	60	62	57	58	63	69	63	41	46	52	65	61	70	70	48	46	53	61	61	62	60	61	66	74	80	61.0	
.....	Minimum.....	41	29	37	43	45	35	29	47	50	32	38	33	25	28	25	44	52	47	47	39	41	29	44	29	41	33	35	31	37	37	37.6	
Conowingo Dam.....	Maximum.....	53	57	50	59	54	57	59	51	56	59	64	56	41	42	48	61	55	57	59	44	45	48	58	54	55	60	60	65	67	70	55.5	
.....	Minimum.....	39	30	38	41	42	34	31	42	37	32	37	27	26	25	29	40	43	42	43	42	39	39	37	43	32	38	40	36	33	37	36.5	
Crisfield.....	Maximum.....	63	58	54	69	59	53	62	61	61	61	61	59	46	47	52	65	68	70	66	64	57	49	55	55	59	58	55	61	63	74	59.5	
.....	Minimum.....	47	36	42	44	44	40	49	51	43	46	45	30	33	34	46	50	48	59	56	43	42	42	42	39	46	42	39	41	49	49	43.6	
Cumberlandss.....	Maximum.....	62	62	63	80	56	61	64	57	53	68	75	39	43	48	69	60	74	48	48	47	58	64	54	59	64	66	72	83	78	87	60.5	
.....	Minimum.....	38	31	39	44	36	31	33	45	45	35	44	37	25	26	25	33	45	42	43	43	36	38	31	39	32	34	43	33	34	46	37.2	
Darlington.....	Maximum.....	56	58	54	61	58	59	58	50	61	58	60	55	40	42	51	62	58	60	60	52	43	50	56	55	55	56	58	66	67	70	70	56.3
.....	Minimum.....	38	26	35	43	40	31	38	42	44	44	30	38	23	23	27	42	43	42	40	38	37	35	38	35	36	40	33	32	40	40	36.3	
Easton.....	Maximum.....	60	55	51	70	60	58	65	62	59	60	65	59	43	44	55	68	65	70	65	53	45	49	58	61	63	60	62	65	71	78	59.6	
.....	Minimum.....	41	31	39	43	46	36	34	49	50	37	41	35	25	30	28	45	46	44	48	45	40	39	34	43	38	41	35	35	35	45	39.1	
Elkton.....	Maximum.....	58	60	56	65	58	61	65	54	56	62	69	63	41	42	52	68	58	62	60	48	46	49	60	65	60	62	63	68	72	76	58.9	
.....	Minimum.....	36	27	41	41	41	31	30	46	50	34	38	34	23	25	26	41	49	43	46	41	39	38	34	43	30	35	38	33	34	36	36.9	
Emmitsburg.....	Maximum.....	59	56	50	77	71	58	61	56	53	60	67	65	37	40	47	56	53	64	64	44	44	50	57	56	59	57	59	63	73	75	57.8	
.....	Minimum.....	35	31	41	40	40	39	31	37	44	46	37	44	34	24	22	29	41	49	46	42	40	30	38	35	41	34	38	41	40	41	45	38.0
Fallston.....	Maximum.....	63	56	56	65	61	57	60	58	62	63	61	38	40	49	62	60	59	62	46	44	47	58	57	57	58	60	63	69	71	77	57.3	
.....	Minimum.....	35	30	41	42	42	29	35	44	50	32	40	36	23	21	28	42	42	49	42	41	37	38	32	42	39	40	39	38	40	43	37.5	
Ferry Landing.....	Maximum.....	67	58	53	71	63	61	65	57	58	67	60	41	46	51	64	62	73	71	50	45	53	61	52	64	59	63	64	72	81	60.7		
.....	Minimum.....	41	31	41	43	45	33	23	60	49	25	44	32	25	29	32	50	46	46	43	39	40	42	43	32	43	32	39	35	40	47	39.4	
Frederick.....	Maximum.....	61	61	58	79	75	62	64	59	55	64	70	68	41	44	50	57	59	67	67	47	46	55	60	58	60	62	64	69	77	80	61.3	
.....	Minimum.....	37	30	39	39	39	30	33	44	47	38	42	33	25	21	26	41	49	45	43	40	37	39	32	41	32							