

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. XLV BALTIMORE, MD., AUGUST 1941 No. 8

GENERAL SUMMARY

This August was one of the sunniest. Monthly sunshine was 15% above normal, or nearly 80% of the possible amount. The monthly mean temperature was 0.5° below normal. Monthly rainfall was well above normal in the Allegheny Mountain region and in the Milford district and well below normal elsewhere, except averaged normal in Allegany and Washington Counties; for the section it averaged 70% of normal. The first and third decades were warm; the second decade was cool. Damaging thundergusts occurred on the 19th and 26th and tornadoes on the 15th and 25th. There was no hail.

The dry warm weather of the first decade caused crops to decline from good and excellent to fair and good, except mostly fair from Allegany County eastward to Carroll County, while pastures declined from good to mostly poor. Crops improved to good and pastures to fair and good during the second decade and continued mostly so during the third decade. Cutting oats in the northern counties ended the first decade, except the second decade in the Allegheny Mountain region where harvesting wheat and rye ended the first decade. During the third decade: Late potatoes were maturing in western Maryland; late potato plants were blooming in the central and eastern divisions; corn was maturing in the northern counties and was matured in the central and southern counties. Harvesting tomatoes, sugar corn, early potatoes, tobacco, truck crops, cantaloupes, watermelons, and tree fruits, threshing grains, haying, and plowing were in progress; also digging sweet potatoes in the southern counties. Yields of grains, early potatoes, tomatoes, and sugar corn were mostly fair to good. Peaches were good to excellent and plentiful. — J. B., jr.

TEMPERATURE

The monthly mean for the section, 73.0°, is 0.5° below normal. The highest monthly mean was 78.0° at Crisfield; the lowest, 63.9°, at Sines. The highest temperature, 100°, occurred at Dundalk, Ferry Landing, and Keedysville on the 9th; the lowest, 36°, at Oakland on the 14th. The greatest local monthly range was 56° at Frederick and Keedysville; the least, 31°, at Crisfield and Delaware Breakwater. The greatest daily range was 44° at Keedysville on the 9th and at Oakland on the 14th.

PRECIPITATION

The monthly average for the section, 3.14 inches, is 1.40 inches below normal. The greatest monthly amount was 7.06 inches at Milford; the least, 1.53 inches, at Annapolis. The greatest 24-hour rainfall was 5.60 inches at Milford on the 19-20th. The average number of days with 0.01 inch or more of rainfall, 7, is 3 below normal.

MISCELLANEOUS PHENOMENA (WITH DATES)

Thundergust, strong. — 9, 11, 12, 15, 16, 19, 25, 26. Thunderstorm. — 1, 5, 6, 9, 10, 12, 15, 19, 20, 22 to 27. Thundergust demolished 2 sheds, blew down meat house, damaged home when roof from barn was blown against one side, and moved garage from foundation on one farm and wrecked partially a garage and a barn and leveled much corn on another farm 2 to 3 miles from Easton; n.w., to s.e.; 5 minutes duration; path one-quarter mile wide; 4:20 p.m., 19th. Property loss, \$3,000; crop and fruit loss, \$1,000. Thundergust observed moving west to east from Frederick (2:30 p.m.), by Pilot A. Paul Swanson, who was aloft in a plane, struck the Curtiss Wright Airport in extreme northwest Baltimore at 3:30 p.m., on 26th; path one mile wide. A \$40,000 Gruman amphibian airplane was damaged, loss \$2,000. A small wooden shed and a ticket booth were leveled.

A tornado moved from the West Virginia line eastward through Sang Run (3 p.m.), over Negro Mountain, and over Meadow Mountain (3:30 p.m.); two funnel-shaped clouds with rotary motion side by side; path 500 to 1,000 feet wide and 20 miles long; on the 15th in northern Garrett County. Two houses and 1 barn were destroyed and 1 house and 1 barn were unroofed, loss \$3,000, one calf was killed, and crop loss was \$300; at Sang

Run. A farm house and one barn were demolished, loss \$2,000, and 6 persons were injured, at the foot of the east side of Meadow Mountain 5 miles southeast of Bittering. Several thousand dollars worth of timber was blown down.

A tornado on the 25th, moving east from Kembsville, Pa., passed over the northern portion of Wilmington, Del., at 11:30 a.m., crossed the Delaware River, and passed through Swedesboro, N. J., at 12 noon. The path was 1,000 to 1,500 feet wide and about 30 miles long. Damage at the above places was heavy. In Wilmington thousands of trees were uprooted or lifted and, upon falling, damaged many homes and broke power and telephone wires; a garage was lifted and blown against a home, damaging same; many garages were unroofed; a large lumber yard was wrecked; a 200-year old stone barn at the Friends School was demolished; 11 airplanes were damaged at the DuPont Airport, loss \$15,000, where a wind velocity of 90 to 100 miles was recorded; and 7 persons were injured; the property loss was \$125,000 to \$150,000.

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.	30.36	29	29.62	12	8.0	24	n.w.	12	77	68	68	54	68
Annapolis, Md.	30.35	29	29.62	12	8.7	32	n.w.	16	71	46	63	80	109
Baltimore, Md.	30.36	29	29.64	12	9.1	32	n.w.	16	71	46	63	80	109
Elkins, W. Va.	30.32	29	29.73	12	4.5	29	n.w.	9	96	54	76	68	2
Harrisburg, Pa.	30.35	29	29.67	12	7.0	25	n.	11	74	44	56	83	36
Norfolk, Va.	30.35	29	29.64	12	8.5	26	n.e.	12	82	56	76	79	123
Philadelphia, Pa.	30.37	29	29.62	12	11.5	33	n.	12	77	46	64	72	67
Pittsburgh, Pa.	30.32	28	29.71	11	8.4	36	n.	11	82	48	58	64	14
Washington, D. C.	30.36	29	29.66	12	5.5	18	s.w.	12	75	47	60	74	81

COMPARATIVE DATA FOR AUGUST

Year	FOR MARYLAND						FOR DELAWARE					
	Temperature			Precipitation			Temperature			Precipitation		
	Mean	Highest	Lowest	Average	Average snowfall	No. of days with 0.1 in. or more	Mean	Highest	Lowest	Average	Average snowfall	No. of days with 0.1 in. or more
1895	75.2	102	31	1.90	0.0	7	77.1	100	49	2.73	0.0	7
1896	74.3	100	34	1.77	0.0	6	75.8	103	50	1.57	0.0	7
1897	71.6	95	39	3.53	0.0	8	73.5	93	54	3.35	0.0	7
1898	75.3	98	46	6.42	0.0	9	76.7	95	53	5.07	0.0	7
1899	74.1	102	41	3.04	0.0	9	74.4	96	52	4.21	0.0	8
1900	78.8	103	41	3.04	0.0	9	78.7	104	52	2.79	0.0	9
1901	74.9	98	42	5.72	0.0	10	76.7	95	57	7.13	0.0	9
1902	71.6	100	33	2.11	0.0	7	73.1	96	48	1.62	0.0	7
1903	71.0	100	37	5.25	0.0	13	72.4	99	49	4.58	0.0	9
1904	71.8	97	31	2.96	0.0	8	72.8	94	48	2.42	0.0	6
1905	72.9	104	38	5.19	0.0	9	73.3	93	51	6.49	0.0	10
1906	75.6	96	47	8.32	0.0	16	76.9	97	59	9.25	0.0	14
1907	71.3	95	39	4.40	0.0	11	72.8	95	51	3.29	0.0	9
1908	71.7	101	34	4.98	0.0	9	72.1	97	48	5.06	0.0	11
1909	71.7	99	33	3.11	0.0	7	72.3	95	48	2.97	0.0	4
1910	72.3	95	34	2.79	0.0	9	72.9	92	51	3.32	0.0	11
1911	74.7	104	37	9.95	0.0	15	75.4	99	51	9.87	0.0	13
1912	71.5	99	36	2.98	0.0	9	73.8	97	49	1.87	0.0	7
1913	73.0	101	38	3.90	0.0	9	74.0	99	52	3.60	0.0	8
1914	74.4	102	38	4.84	0.0	9	76.5	100	53	3.94	0.0	8
1915	72.4	102	38	8.22	0.0	15	74.5	101	49	8.05	0.0	12
1916	74.1	101	38	2.42	0.0	7	74.9	99	49	1.14	0.0	5
1917	73.3	100	40	3.15	0.0	8	75.0	98	51	3.54	0.0	9
1918	76.0	109	40	3.19	0.0	9	76.7	107	48	1.55	0.0	5
1919	71.9	96	37	5.87	0.0	11	72.5	94	51	9.54	0.0	11
1920	73.4	95	42	6.86	0.0	16	74.5	91	52	8.13	0.0	18
1921	71.2	97	37	3.70	0.0	8	72.3	98	49	3.82	0.0	9
1922	71.6	98	31	3.19	0.0	10	72.9	91	51	4.79	0.0	11
1923	72.7	98	34	3.12	0.0	11	73.0	96	45	2.78	0.0	7
1924	73.3	103	35	4.02	0.0	8	74.3	100	49	4.57	0.0	7
1925	71.6	98	35	2.38	0.0	8	72.4	95	45	3.39	0.0	7
1926	74.8	104	42	6.54	0.0	14	76.1	101	55	5.66	0.0	11
1927	68.4	92	36	3.97	0.0	13	69.6	91	47	4.96	0.0	13
1928	75.5	99	41	9.09	0.0	12	77.0	100	55	10.00	0.0	12
1929	71.3	99	35	2.69	0.0	7	72.7	97	45	2.84	0.0	8
1930	73.7	108	30	1.06	0.0	5	74.4	102	46	1.59	0.0	4
1931	73.6	101	40	7.44	0.0	15	75.8	101	56	9.88	0.0	13
1932	74.6	104	38	2.55	0.0	7	75.7	100	50	2.12	0.0	6
1933	73.8	100	40	10.00	0.0	12	75.6	98	56	12.73	0.0	13
1934	72.0	97	32	4.94	0.0	10	72.9	94	44	5.40	0.0	10
1935	74.1	100	36	3.22	0.0	9	74.6	99	49	4.57	0.0	10
1936	75.8	101	39	4.11	0.0	10	76.4	100	50	6.08	0.0	8
1937	73.5	100	44	6.87	0.0	13	76.1	95	55	8.29	0.0	15
1938	76.2	100	38	2.61	0.0	6	76.8	98	49	3.40	0.0	7
1939	76.1	99	44	4.20	0.0	8	76.8	97	54	9.50	0.0	11
1940	71.3	97	38	5.29	0.0	13	72.3	95	48	5.69	0.0	12
1941	72.9	100	36	3.14	0.0	7	73.6	97	44	3.14	0.0	7
Period	73.4	109	30	4.48	0.0	10	74.5	107	44	4.94	0.0	9

Climatological Data for August 1941.

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 precipitation, .001 in. or more	Clear	Partly cloudy		
Maryland																			
Aberdeen	Harford	26	23	73.5	-0.4	94	9	49	113	30	2.71	-2.24	1.25	0.0	7	16	10	5	U. S. Army
Annapolis	Anne Arundel	8	76	75.2	-0.9	92	19	58	14	21	1.53	-3.43	0.69	0.0	7	15	8	8	U. S. Navy
Baltimore*		14	71	77.0	+1.5	99	9	58	113	26	1.60	-2.77	0.72	0.0	5	13	11	5	U. S. Weather Bureau
Bell II	Prince Georges	151	21	72.6	-0.9	95	9	46	14	35	2.93	-1.91	1.27	0.0	8	17	8	6	Bureau Plant Industry
Blackwater II	Dorchester	5	1			97	9	50	14	29	3.43		1.60	0.0	5				National Wildlife Refuge
Cambridge (near)	do.	13	48	74.4	-1.6	94	9	50	14	29	5.35	+0.21	3.75	0.0	5	22	9	0	Matt Harding
Charlotte Hall	St. Marys	167	20	74.4	-1.2	96	9	50	14	31	3.85	+0.31	1.76	0.0	6	20	8	3	A. D. V. Burr
Cheltenham	Prince Georges	230	41	73.4	-0.6	97	9	48	14	33	3.26	-1.43	1.51	0.0	9	17	9	5	U. S. Magnetic Obs'y.
Chestertown	Kent	35	36	73.6	-0.6	98	9	50	113	33	2.65	-2.33	1.77	0.0	6	17	10	4	Thomas W. Eliason, Jr.
Chesville	Washington	630	44	70.7	-1.3	96	9	43	13	38	3.71	+0.08	1.54	0.0	6	4	25	2	D. Paul Oswald
Clear Spring	do.	560	42	71.2	-1.0	96	9	42	14	42	5.72	+1.67	3.20	0.0	7	5	24	2	Mrs. Anna B. Cohill
Coleman II	Kent	80	44	74.6	0.0	96	9	54	114	28	1.76	-3.07	0.71	0.0	8	19	10	2	Walter B. Harris
College Park	Prince Georges	160	55	74.2	+0.3	96	9	46	14	35	2.75	-1.66	1.50	0.0	8	14	13	4	Russell G. Brown
Conowingo Dam	Harford	40	6	72.5		95	9	46	14	38	1.94		0.74	0.0	7	14	14	3	Susquehanna Electric Co.
Crisfield	Somerset	5	22	78.0	+1.6	90	11	59	114	25	3.02	-1.86	1.42	0.0	5	19	11	1	M. B. Thawley
Cumberland	Allegheny	623	71	72.0	-0.5	97	9	46	14	41	2.68	-1.12	0.75	0.0	8	21	7	3	Paul J. Stein
Darlington	Harford	360	51	72.5	-0.2	94	11	44	14	42	1.69	-3.49	0.74	0.0	5	17	12	2	Fred. C. Jones
Dundalk	Baltimore	12	7	75.4		100	9	53	113	34	1.93		0.90	0.0	5	14	11	6	U. S. Airport Station
Easton	Talbot	35	51	75.0	+0.4	95	9	51	14	30	5.62	+0.91	3.19	0.0	7	22	9	0	Clement E. Bray
Edgemont	Washington	920	3								3.19		0.90	0.0	8				Lee G. Harne
Elkton	Cecil	720	35	73.0	-1.3	98	9	45	14	38	3.09	-3.01	1.31	0.0	7	20	9	2	H. W. Bache
Emmitsburg (near)	Frederick	720	75								2.23	-2.95	0.62	0.0	7	12	17	2	Mt. St. Mary's Seminary
Fallston II	Harford	450	72	73.3	-1.0	95	19	51	29	29	2.23	-2.95	0.62	0.0	7	12	17	2	Miss Dora Curtiss
Ferry Landing II	Calvert	120	25	75.5	+1.0	100	9	52	14	31	3.92	-1.08	1.50	0.0	8	19	7	5	Thos. J. Bourne
Frederick	Frederick	297	72	72.4	-1.8	98	9	42	14	41	2.81	-1.54	0.95	0.0	12	13	15	3	D. J. Markey, Jr.
Friendsville	Garrett	1,980	23	66.0	-1.4	90	9	39	14	41	6.13	+2.15	2.00	0.0	6	16	10	5	Joab J. Friend
Frostburg	Allegheny	1,950	40	69.7	-0.3	89	18	44	14	37	3.58	-0.42	1.00	0.0	8	19	8	4	Thos. F. Lewis
Georgetown	Cecil	25	5	73.8		94	9	52	28	34	2.20		1.00	0.0	7	20	8	3	Capt. N. L. Riggins
Germantown	Montgomery	460	1	72.8		97	9	49	14	33	2.62		0.77	0.0	9	20	8	3	Ralph F. Staley
Grantsville	Garrett	2,320	48																Floyd J. Miller
Great Falls II	Montgomery	200	53	74.0	+0.2	97	9	49	14	35	2.71	-1.41	1.79	0.0	8	19	9	3	John E. Bissett
Hancock	Washington	428	32								2.87	-0.87	0.55	0.0	9				Marvin K. Murray
Huntingtown	Calvert	100	6	72.4		97	9	50	29	29	3.61		1.82	0.0	7	19	10	2	Elmer O. Bowen
Keedysville	Washington	420	38	72.1	-1.7	100	9	44	14	44	3.51	-0.53	1.30	0.0	10	19	10	2	J. A. Miller
Laurel	Prince Georges	300	47	73.6	+0.1	97	9	50	14	31	3.43	-1.46	1.62	0.0	8	18	9	4	Evan G. Chaney
Leonardtown	St. Marys	50	17	76.0	+0.1	96	9	50	14	32	2.47	-0.92	1.03	0.0	10	19	10	2	Dr. Eugene C. Peck
Luke	Allegheny	950	4								4.37		1.62	0.0	7				J. G. Patrick
Lutherville	Baltimore	340	15																Clarence J. Thomson, Jr.
Maryland Line	do.	840	17	72.0	-0.7	95	9	45	13	35	1.91	-3.29	0.73	0.0	7	22	6	3	Chester L. Fulton
Millington	Kent	27	44	73.1	-1.1	95	9	47	29	32	2.15	-2.67	0.68	0.0	4	20	7	4	Henry L. Higman
Mt. Savage Summit II	Garrett	2,852	9	64.2		86	9	40	13	33	3.58		1.03	0.0	9	13	13	5	U. S. Airway Station
Oakland	do.	2,420	44	65.2	-0.7	88	9	36	14	44	6.02	+1.74	1.62	0.0	10	14	12	5	R. E. Weber
Ocean City	Worcester	10	3	75.1		92	15	52	14	26	1.68		0.80	0.0	6	16	11	4	U. S. Airway Station
Oxford	Talbot	10	5	77.4		95	9	58	128	28	3.75		2.70	0.0	7	22	9	0	Henry Wilcox
Perry Point	Cecil	40	1								3.04		1.48	0.0	8	20	9	2	Veterans Administration
Picardy II	Allegheny	1,030	15	70.2	-1.9	91	9	44	13	37	4.90	+1.02	2.00	0.0	7	19	9	3	American Fruit Growers
Pleasant Hill II	Baltimore	660	37	33							1.76	-3.10	0.48	0.0	7	19	8	4	Walter P. Quintin, Jr.
Pocomoke City	Worcester	37	33	76.0	-0.1	95	9	51	14	31	2.33	-0.94	1.46	0.0	9	13	13	4	Raymond C. Dryden
Prettyboy Dam II	Baltimore	780	11	72.0	-1.1	93	9	48	13	30	1.94	-2.76	1.00	0.0	6	14	13	4	C. W. Hendrix
Princess Anne	Somerset	17	66	74.0	-0.5	95	9	46	14	34	2.78	-2.52	1.04	0.0	4	13	15	3	James R. Stewart
Ridgely	Caroline	67	51	74.4	-0.1	97	9	49	29	35	2.52	-2.10	1.13	0.0	6	19	9	3	Albert White
Rock Hall	Kent	20	28	74.8	-0.5	96	9	51	114	32	2.75	-2.08	1.50	0.0	5				Joseph B. Williams
Salisbury	Wicomico	31	36																Brady C. Bounds
Silver Spring	Montgomery	310	3	73.2		94	9	51	113	28	2.91		1.52	0.0	10	17	10	4	O. L. Harvey
Sines (Deep Creek) II	Garrett	2,030	17	63.9	-1.7	89	9	37	14	42	5.57	+1.52	1.54	0.0	10	14	12	5	C. E. MacMurray
Snow Hill	Worcester	20	26	72.9	-1.7	94	9	43	14	37	2.90	-1.86	1.20	0.0	4	17	11	3	Richard Leake
Solomons	Calvert	20	50	77.5	+0.4	96	9	60	113	24	2.74	-1.47	1.42	0.0	8	22	8	1	Chesapeake Biological L'b.
State Sanatorium	Frederick	1,460	33			98	9	49	14	24	3.89	-0.47	1.20	0.0	9	16	13	2	Dr. V. F. Cullen
Stevensville	Queen Annes	12	15																E. Hambleton Grace, Jr.
Takoma	Montgomery	320	43	73.8	+0.3	95	9	52	113	30	3.61	-0.62	1.90	0.0	10	15	13	3	Guy L. Seaman
Tonoloway II	Washington	550	17	70.0	-2.1	94	9	41	14	43	3.23	0.00	1.15	0.0	8	21	8	2	American Fruit Growers
Towson	Baltimore	475	30								2.12	-2.72	0.74	0.0	8	18	9	4	S. Elmer Parks
Unionville	Frederick	450	2	70.8		96	9	43	11	40	2.46		0.75	0.0	7	17	11	3	G. Plitt Von Elff, Jr.
Western Port	Allegheny	1,000	43	70.6	-1.5	95	8	42	13	42	4.36	+0.76	1.07	0.0	9				Norris Bruce
Westminster	Carroll	770	32	72.2	-1.0	96	9	45	14	35	2.86	-2.03	0.70	0.0	8	21	8	2	Harry J. Mathias
Williamsport	Washington	360	3								4.06		1.51	0.0	11				R. C. Willson
Woodstock	Baltimore	415	72	71.8	-1.0	97	9	45	14	37	2.15	-2.34	0.82	0.0	7	17	10	4	Woodstock College
Dist. of Columbia																			
Washington**		72	71	76.1	+1.1	96	9	55	14	27	1.92	-2.09	1.15	0.0	5	18	9	4	U. S. Weather Bureau
Delaware																			
Bridgeville	Sussex	45	51	72.9	-1.4	96	9	44	29	37	2.93	-1.71	2.05	0.0	7	22	8	1	William M. Ray
Delaware Breakwater		40	6	73.8		91	26	60	114	21	3.41		2.71	0.0	8	16	11	4	U. S. Airway Station
Delaware City	New Castle	10	55	74.7	-0.2	96	9	50	14	33	2.44	-1.82	0.61	0.0	7	19	10	2	James E. Maden
Dover	Kent	34	64	74.8	+0.1	97	9	51	114	32	1.96	-2.70	1.08	0.0	5	20	9	2	Arthur G. Livingston
Millford	Sussex	20	60	73.6	-1.5	96													

Stations (Maryland)	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 ²	Atlantic.					.40						T.	.14			.32				1.25				.06		.50	.04						2.71	
Annapolis ¹	do.					.01							.21			.36				.12						.06							1.58	
Baltimore ¹	do.		.01										.21			.36				.12						.06							1.60	
Bell.	do.						.25						.29			.45				.17						.06							1.60	
Beltsville ¹	do.		T.				.33						.34			T.	1.73			.12	.69	T.				.04							3.77	
Blackwater ¹	do.												.10			.07				T.	1.00					T.	T.	1.37					3.77	
Cambridge (near).	do.												.25			.25				.20	3.75					T.	T.	.90					5.35	
Charlotte Hall	do.												.28			.22				* 2.26					.22	T.	T.	.87					8.85	
Cheltenham ¹	do.		.11										.35			.38				.13	1.51		.01	.02		.50	T.	.25					3.26	
Chestertown	do.					.03					T.		.22			.52				1.77						.06	.05						2.65	
Cheswille.	do.		T.			T.					T.		.73			.22	T.			1.54						.62	.56	.04					3.71	
Clear Spring	do.		.15										.62			.48				3.20	.07				T.	T.	.58	T.					5.72	
Coleman	do.					.05							.20				.32			.71	.33					.10		.05					1.76	
College Park	do.					.02							.32			T.	1.50			.18	.23				T.	T.	.06	T.	.06				2.75	
Conowingo Dam ¹	do.		T.								.03		.32			.34				.74	.10					.35	T.						1.94	
Crisfield	do.					T.							.16			T.	.75	.04		.55	.25			.04			.48	.12	.42				2.68	
Cumberland ¹	do.												.29			T.	.75	.04		.55	.25					.48	.12	.42					1.89	
Darlington	do.					.05							.30			T.	.26			.74	T.						.34	T.					1.69	
Dundalk ⁵	do.		T.										.27			.72	T.		.04							.04	T.						1.93	
Easton	do.					.11					.35		.20			.41				1.26	3.19						.05		.10				5.62	

Daily Memorandum for August 1941

Stations (Delaware)		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
Bridgeville	Maximum	92	91	88	89	89	90	88	90	96	89	88	86	75	80	83	85	81	80	86	81	84	82	87	85	87	93	80	80	81	82	92	85.8
	Minimum	76	71	62	59	63	68	56	67	61	70	51	64	50	45	58	68	58	48	66	64	55	62	62	69	68	62	45	44	52	64	60.6	
Delaware Breakwater	Maximum	83	83	89	84	87	82	88	87	81	79	85	71	78	78	78	71	78	73	83	75	75	74	77	78	83	91	74	78	72	82	90	80.0
	Minimum	69	71	71	70	70	70	69	69	72	72	66	68	62	60	62	71	68	63	67	67	67	65	67	69	70	72	64	62	60	63	69	67.1
Delaware City	Maximum	91	89	89	89	91	86	87	91	96	95	86	86	85	80	85	85	78	79	78	83	84	86	86	84	92	92	78	79	87	87	86.1	
	Minimum	74	71	65	60	69	70	62	63	68	74	56	69	52	50	60	69	52	57	66	66	58	60	63	61	70	72	66	58	51	61	68	63.3
Dover	Maximum	93	90	88	89	93	91	89	92	87	95	86	90	78	80	83	85	85	83	80	81	82	82	86	85	84	92	79	81	80	86	93	86.4
	Minimum	75	70	65	61	66	69	63	60	68	72	59	69	54	51	62	69	61	51	67	68	59	57	65	64	68	70	70	52	51	57	68	63.2
Milford	Maximum	91	88	87	89	91	90	88	91	96	98	88	88	74	79	80	81	79	75	84	80	89	82	86	86	87	93	80	78	72	77	89	84.7
	Minimum	73	72	63	61	66	70	58	62	67	72	56	70	53	50	59	69	58	51	66	68	56	56	65	63	68	70	69	55	48	55	65	62.4
Millsboro	Maximum	91	91	88	89	91	89	88	91	97	90	88	87	80	81	81	83	78	75	87	82	81	82	88	86	88	94	82	81	74	75	88	85.3
	Minimum	74	68	63	60	63	68	57	58	66	71	53	71	52	49	62	69	58	48	65	60	56	62	60	69	70	55	48	56	68	61	91	69.1
Newark (University Farm)	Maximum	95	88	88	93	87	88	91	96	89	84	85	83	80	79	83	81	81	80	77	81	81	87	86	89	92	76	82	93	87	85	95.6	
	Minimum	71	70	69	68	67	55	57	59	72	52	67	52	47	46	52	56	49	55	62	59	55	63	63	66	69	67	67	67	67	67	67	67.6
Odessa	Maximum	90	90	88	88	91	87	85	82	94	85	86	75	81	82	84	82	80	82	78	81	84	87	86	84	93	85	75	81	87	93	85.6	
	Minimum	72	70	61	59	69	69	58	64	66	72	55	68	49	50	60	67	54	54	65	65	55	5										

Daily Temperatures for August 1941—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.....	93	91	90	89	90	88	87	89	94	87	85	87	75	79	79	80	78	78	77	83	81	86	87	83	91	78	77	78	84	92	84.6		
.....	Minimum.....	74	70	66	63	70	69	64	63	65	67	60	58	49	49	49	66	65	54	53	65	61	58	62	70	72	58	52	53	60	69	62.4		
Annapolis.....	Maximum.....	88	90	89	84	90	85	84	85	92	88	82	86	74	77	82	84	75	76	78	76	80	78	81	82	84	92	78	74	76	80	82.6		
.....	Minimum.....	76	74	70	70	72	72	69	70	71	73	68	70	59	58	69	70	62	62	68	66	62	66	68	70	74	72	66	62	61	66	70	67.9	
Baltimore (U.S.W.B.).....	Maximum.....	95	92	92	91	93	89	93	99	93	99	84	90	75	81	81	88	79	80	79	80	79	83	82	88	86	84	78	80	89	94	85.4		
.....	Minimum.....	77	75	70	69	73	73	68	72	73	73	64	68	58	68	66	70	63	61	67	66	62	66	70	68	74	73	67	59	69	63	72	67.6	
Bell.....	Maximum.....	92	90	88	88	91	87	88	92	95	92	86	87	82	81	85	85	83	78	84	79	82	79	88	82	84	94	82	79	80	88	93	85.9	
.....	Minimum.....	71	68	57	57	63	66	57	57	62	67	52	68	50	46	59	67	55	50	65	62	49	56	63	62	67	67	65	47	48	55	64	59.4	
Blackwater§§.....	Maximum.....								89	97	96	87	85	73	78	82	85	88	80	88	78	81	81	87	86	87	91	78	76	78	86	90		
.....	Minimum.....								68	75	68	68	57	50	66	67	66	53	67	69	57	62	66	64	71	72	69	55	51	59	68			
Cambridge (near).....	Maximum.....	88	87	88	85	90	87	86	90	94	91	88	84	82	79	83	84	82	80	88	76	78	80	84	83	84	90	83	75	76	81	88	84.3	
.....	Minimum.....	75	75	68	61	68	71	61	66	70	74	59	70	58	50	64	68	64	52	68	65	61	66	64	69	72	69	56	52	57	65	64	64.5	
Charlotte Hall.....	Maximum.....	91	88	88	89	93	83	83	88	92	96	90	86	83	81	87	86	81	83	90	79	81	81	87	85	85	92	77	75	79	85	91	85.7	
.....	Minimum.....	74	71	63	62	66	68	62	65	70	70	60	68	55	50	64	67	55	53	69	68	57	58	65	63	68	70	66	54	51	60	66	63.2	
Cheltenham§§.....	Maximum.....	92	88	88	89	92	88	87	92	97	98	88	86	74	81	86	85	78	79	86	78	81	81	87	84	84	91	77	76	75	81	85	81.5	
.....	Minimum.....	71	70	61	61	66	68	56	62	64	71	58	53	45	61	67	58	53	64	64	55	58	64	64	69	69	67	54	51	58	66	61.8		
Chestertown.....	Maximum.....	92	91	90	89	93	88	92	98	98	98	89	78	77	82	83	87	89	88	83	78	82	82	87	88	86	94	80	78	82	87	94	86.4	
.....	Minimum.....	72	68	63	62	68	66	60	62	67	62	56	63	50	62	61	55	52	60	60	59	60	63	62	63	71	68	63	51	60	67	59	67.9	
Chewsville.....	Maximum.....	92	89	88	90	90	88	89	92	96	99	85	85	74	81	73	84	78	78	78	79	82	80	88	85	84	90	76	77	79	89	91	84.5	
.....	Minimum.....	66	61	53	53	65	58	51	55	56	58	51	63	43	44	64	65	53	48	64	53	49	67	59	68	69	62	44	50	59	66	50.9		
Clear Spring.....	Maximum.....	92	89	88	89	92	94	90	94	96	90	89	88	84	80	74	84	74	75	78	82	80	84	86	84	83	90	78	79	81	91	94	85.5	
.....	Minimum.....	68	65	52	50	64	62	50	52	57	61	53	62	46	42	60	65	50	47	63	53	50	58	57	56	64	68	64	54	62	64	57.0		
Coleman.....	Maximum.....	90	89	90	88	90	85	87	91	96	87	84	87	80	81	80	86	85	80	78	76	78	80	86	84	83	93	83	76	80	87	92	84.9	
.....	Minimum.....	71	71	68	66	70	69	65	66	68	72	62	68	56	54	61	68	60	56	70	65	59	60	65	64	67	71	68	54	54	59	67	64.3	
College Park.....	Maximum.....	93	93	88	89	92	89	88	92	96	93	89	87	86	80	85	85	85	79	85	78	82	80	88	85	86	93	83	82	81	88	93	86.9	
.....	Minimum.....	73	73	60	59	64	67	59	58	68	73	54	68	52	46	60	68	59	52	66	64	52	57	62	63	69	68	68	50	55	64	61.4		
Conowingo Dam.....	Maximum.....	93	91	90	89	92	89	88	91	95	90	82	86	75	84	78	85	84	80	79	79	81	81	86	85	84	93	78	76	79	89	94	85.4	
.....	Minimum.....	74	71	65	58	66	64	57	57	63	64	52	64	53	46	57	66	58	49	63	65	62	54	62	68	68	66	59	48	50	56	62	59.6	
Crisfield.....	Maximum.....	90	90	88	90	90	88	87	88	96	89	86	80	79	83	86	83	80	85	85	81	84	84	89	85	90	86	78	80	84	87	85.6		
.....	Minimum.....	81	78	72	76	75	76	65	75	76	78	64	74	62	59	69	76	66	60	72	71	66	67	67	72	70	71	60	59	65	74	70.3		
Cumberland§§.....	Maximum.....	95	91	90	94	96	87	91	90	97	90	85	87	77	82	83	87	89	88	83	78	80	80	83	89	88	90	83	80	86	93	82	86.4	
.....	Minimum.....	69	65	57	55	63	64	55	55	60	62	54	49	46	54	64	63	62	61	63	57	61	57	58	55	66	64	63	51	60	67	59	67.9	
Darlington.....	Maximum.....	94	90	90	91	93	92	93	94	98	94	88	84	88	80	86	82	86	78	79	80	83	82	83	86	84	85	90	83	80	83	92	84	86.5
.....	Minimum.....	73	69	62	60	65	62	59	55	61	63	53	66	51	44	54	53	58	49	60	58	50	50	59	56	68	69	65	45	54	61	58.5		
Easton.....	Maximum.....	90	90	89	88	90	89	88	90	95	90	88	87	78	80	84	85	84	82	85	80	82	82	86	85	85	92	84	76	83	85	90	85.9	
.....	Minimum.....	75	75	67	63	67	70	61	63	70	72	58	71	56	51	61	69	63	55	68	68	57	61	66	66	69	72	64	54	52	58	66	64.2	
Elkton.....	Maximum.....	93	91	90	89	94	89	89	93	98	88	87	88	78	82	80	86	85	85	75	79	84	84	89	89	85	90	80	78	84	93	95	86.9	
.....	Minimum.....	70	69	59	58	66	63	56	58	60	73	52	68	48	45	50	68	57	48	66	62	52	54	61	58	66	68	66	46	55	66	59.2		
Fallston.....	Maximum.....	90	87	87	89	85	85	88	95	89	89	83	85	80	82	77	83	80	79	78	75	80	80	87	85	93	80	76	80	88	95	84.3		
.....	Minimum.....	73	69	64	63	69	65	63	63	67	70	57	65	52	53	64	67	56	54	64	62	57	58	69	62	67	68	66	51	60	66	62.3		
Ferry Landing.....	Maximum.....	95	92	92	95	91	92	94	100	92	87	87	84	81	86	87	81	80	90	79	79	81	88	85	93	81	76	79	85	93	87	82	87.2	
.....	Minimum.....	73	72	64	63	68	68	62	66	70	70	58	68	53	62	65	68	58	56	66	65	67	60	66	65	69	71	68	54	53	62	68	63.8	
Frederick.....	Maximum.....	93	89	90	92	91	90	90	94	98	93	88	87	80	83	77	80	80	79	79	81	84	82	88	86	85	91	81	80	81	89	92	86.4	
.....	Minimum.....	71	65	54	54	68	64	51	54	61	69	54	65	49	42	58	66	57	48	63	58	49	62	56	67	68	65	48	48	57	64	58.3		
Friendsville.....	Maximum.....	84	82	82	85	85	82	86	87	88	89	79	68	80	79	66	72	70	69	73	81	80	80	85	80	79	81	70	73	82	83	79.9		
.....	Minimum.....	62	59	59	49	57	57	47	49	55	52	47	59	40	39	51	59	45	42	59	48	45	57	50	55	62	62	51	45	52	61	52.2		
Frostburg.....	Maximum.....	92	82	86	85	87	85	88	89	89	87	80	75	81	80	84	80	78	77	78	82	82	82	82	86	84	76	71	81	81	84	81.4		
.....	Minimum.....	69	65	64	54	64	60	52	56	61	58	55	64	45	44	57	65	47	49	62	54	49	57	64	64	67	60	55	56	58	67	58.0		
Georgetown.....	Maximum.....	92	90	88	89	90	92	86	93	94	85	86	89	83	79	82	85	85	82	80	80	82	83	86	86	86	93	80	84	89	93	86.2		
.....	Minimum.....	74	70	60	61	62</																												