

U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU  
IN COOPERATION WITH MARYLAND STATE WEATHER SERVICE

# CLIMATOLOGICAL DATA

15

## MARYLAND AND DELAWARE SECTION

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PRICE: 5 CENTS A COPY; 25 CENTS A YEAR

VOL. LI BALTIMORE, MD., SEPTEMBER 1947 No. 9

### GENERAL SUMMARY

Through the section, the temperature and rainfall were close enough to the September average to be called normal. Temperatures averaged just 0.2° above normal, with Delaware averaging 0.1° below normal and Maryland 0.3° above. Except for Washington, D. C., with a temperature 2.3° above normal, no station had a mean temperature more than 2° above or below the September average. The first 22 days were above normal with the greatest departures occurring near the 4th, 10-14th, and the 19th. The last 8 days were about 8° to 10° cooler than usually expected in late September. The coolest day was the 27th or 28th when temperatures dipped into the mid and low-20's with killing frost in the mountains, into the 30's with variable frost in the Piedmont and interior Del-Mar sections, and to near 40° in the vicinity of the Bays and Ocean. A reading of 31° at Newark, Delaware on the 27th was the lowest September temperature in the Delaware records. Rainfall was about one-third of an inch lighter than usually falls in September, with Delaware being a little closer to the normal than Maryland. The greatest deficiencies in rain were reported in Washington, Frederick, and Carroll Counties of Maryland, and Kent and New Castle Counties of Delaware. Excessive precipitation was reported in Maryland, south of a line from Baltimore to Washington, in Kent, Queen Anne, Talbot, and Caroline Counties of Maryland, and in Sussex County, Delaware. The rainfall had excellent distribution through the month and very good distribution through the section.

Thunderstorms were reported from some portion of the section on the 1st, 2d, 4-7th, 10th, 11th, 13-16th, and 24th; heavy fogs on the 3d, 6th, 12-14th, 17-19th, 23d, 24th, 27th, and 30th; high winds on the 4th, 6th, 15th, 16th, 20th-22d, 25th, and 30th; and killing frosts, mostly in northern and western counties, on the 23d and 26-30th.

This month was generally good for crop development. Corn thrived during the month but some was frost damaged near the end of the month. At the end of the month, corn was being cut and shocked or ensiled, although harvesting on the Del-Mar Peninsula was more advanced. The crop was good or slightly better, except fair to good on the Del-Mar Peninsula. The ground was being prepared for winter grains with some fields of wheat, barley, and rye seeded. Early sown wheat fields in Garrett County were green. Truck crops were abundant during most of the month but supplies diminished rapidly during the latter part. The apple harvest continued with yields good to very good, except only fair on the Del-Mar Peninsula due to May frosts. Some peaches also were being picked. Late August rains greened the southern Maryland tobacco crop, delaying the harvest. However, the crop was in the barns by the end of the month. As the month came to an end, pastures were mostly good to very good, except fair and improving on the Del-Mar Peninsula, and fair to good but deteriorating in western counties on account of cold and dry weather.

### TEMPERATURE

The monthly mean temperature for the section was 68.0 degrees, 0.2 degree above normal. The highest monthly mean temperature was 74.8 degrees at Crisfield, Maryland, and the lowest was 60.1 degrees at Sines, Maryland. The highest temperature, 95 degrees, occurred at Keedysville, Maryland, on the 14-15th; the lowest, 22 degrees, at Oakland, Maryland, on the 27th. The greatest local monthly range was 68 degrees at Hancock, Maryland, where a maximum of 92 degrees was reported on the 4th, 13th, and 15th, and 24 degrees on the 28th. The least monthly range was 44 degrees at Oxford, Maryland. Oxford had extreme maximum and minimum temperatures of 87 and 43 degrees on the 4th, 13th and 15th, and 26th, respectively.

### PRECIPITATION

The monthly average for the section was 3.01 inches, which was 0.35 inch below normal. The greatest amount of precipitation for the month

was 5.43 inches at Lewes, Delaware. Williamsport, Maryland, reported the least amount for the month with 0.60 inch. The greatest 24-hour rainfall was 2.02 inches and was recorded at Annapolis, Maryland on the 6th.

### 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, 3.13; evaporation, 4.063; average daily wind movement, 35.9.

### 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 humidity velocity	Maximum Velocity	Direction	Date		
Aberdeen, Md.	30.60	18	29.75	22	.....	.....	.....	.....	88	69
Annapolis, Md.	30.61	28	29.76	22	11.4	29	nw.	30	80	68
Baltimore, Md.	30.62	28	29.72	22	9.9	26	w.	51	57	71
Elkins, W. Va.	30.63	27	29.78	22	5.7	34	nw.	15	94	58
Harrisburg, Pa.	30.63	18	29.66	22	7.1	26	ne.	25	85	63
Norfolk, Va.	30.51	27	29.79	25	10.5	30	nw.	30	89	64
Philadelphia, Pa.	30.64	28	29.71	22	7.8	24	nw.	15	85	77
Pittsburgh, Pa.	30.63	27	29.62	21	8.9	31	nw.	15	50	64
Washington, D.C.	30.62	27	29.75	22	6.7	25	sw.	15	85	74

### COMPARATIVE DATA FOR SEPTEMBER

Year	FOR MARYLAND			FOR DELAWARE			Temperature	Precipitation	Temperature	Precipitation	Temperature	Precipitation
	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	70.4	101	27	2.08	T.	4	71.2	99	39	1.92	0.0	4
1896	66.3	94	22	4.39	0.0	3	67.1	93	40	1.55	0.0	3
1897	66.7	100	22	1.67	0.0	5	67.9	97	44	3.35	0.0	6
1898	69.3	100	29	1.80	0.0	7	66.4	92	39	2.81	0.0	8
1899	65.3	98	25	4.85	0.0	6	71.6	95	43	2.75	0.0	6
1900	72.0	103	29	3.47	0.0	10	67.4	92	42	2.45	0.0	6
1901	66.4	94	29	3.08	0.0	8	68.1	94	42	6.14	0.0	10
1902	66.0	101	25	6.19	0.0	10	67.2	92	42	6.76	0.0	6
1903	66.0	98	24	1.97	0.0	5	67.2	90	56	3.29	0.0	6
1904	67.1	99	27	3.66	0.0	5	67.5	95	33	3.21	0.0	5
1905	67.0	94	24	2.65	0.0	6	67.8	91	38	4.81	0.0	8
1906	70.6	94	36	1.25	0.0	6	72.2	98	47	1.51	0.0	6
1907	68.2	95	30	6.21	0.0	12	69.6	93	35	6.39	0.0	11
1908	65.9	94	24	2.39	0.0	3	66.8	90	40	2.49	0.0	4
1909	65.4	92	23	3.35	0.0	5	66.5	87	39	2.94	0.0	5
1910	69.4	98	32	1.90	0.0	6	69.9	96	46	0.76	0.0	4
1911	69.2	95	30	2.80	0.0	8	69.6	91	41	2.00	0.0	6
1912	69.1	102	30	5.93	0.0	10	70.2	102	39	4.65	0.0	10
1913	66.5	102	22	2.65	T.	7	68.1	91	41	3.92	0.0	8
1914	64.6	98	21	1.20	0.0	4	66.5	97	34	0.68	0.0	3
1915	69.2	94	31	2.26	0.0	6	71.1	99	36	0.90	0.0	4
1916	65.1	98	26	3.39	0.0	7	66.5	94	38	3.64	0.0	6
1917	62.5	93	27	2.62	0.0	7	63.5	91	37	3.35	0.0	6
1918	63.2	88	27	8.73	0.0	8	64.2	87	37	3.92	0.0	8
1919	68.1	100	31	2.34	0.0	4	68.3	94	40	2.23	0.0	4
1920	67.7	92	35	3.11	0.0	6	68.4	89	40	2.87	0.0	6
1921	72.5	99	37	3.48	0.0	9	73.4	98	45	2.16	0.0	7
1922	68.6	100	27	2.61	0.0	4	68.9	93	39	2.26	0.0	4
1923	68.2	92	28	3.45	0.0	9	68.8	88	39	3.93	0.0	8
1924	62.9	101	30	6.06	0.0	12	64.8	98	46	5.68	0.0	11
1925	71.4	100	35	1.78	0.0	7	72.3	94	39	1.06	0.0	4
1926	67.8	93	35	5.16	0.0	11	68.5	95	44	3.81	0.0	7
1927	67.8	99	26	1.36	0.0	4	68.0	96	38	2.04	0.0	5
1928	63.1	92	28	4.45	0.0	10	64.9	93	34	6.57	0.0	12
1929	68.2	100	25	3.58	0.0	8	69.4	96	40	3.99	0.0	5
1930	72.9	102	33	1.31	0.0	6	73.8	100	42	2.80	0.0	5
1931	72.0	100	30	2.61	0.0	8	73.5	98	43	2.00	0.0	5
1932	67.9	106	25	2.20	0.0	6	69.3	97	37	2.20	0.0	6
1933	70.0	94	37	3.20	0.0	11	71.6	94	46	3.44	0.0	10
1934	68.5	92	36	9.36	0.0	6	65.6	91	32	9.12	0.0	13
1935	65.0	92	28	7.60	0.0	8	66.2	87	38	10.97	0.0	6
1936	69.3	97	29	2.14	0.0	7	69.5	92	42	4.79	0.0	9
1937	64.1	96	26	1.75	0.0	6	65.4	93	38	1.48	0.0	6
1938	65.6	92	32	5.80	0.0	13	67.3	90	39	8.36	0.0	12
1939	68.7	100	31	8.25	0.0	7	69.5	95	44	1.97	0.0	7
1940	64.4	95	25	3.35	0.0	6	65.6	91	32	3.20	0.0	6
1941	70.0	100	31	0.57	0.0	3	71.0	97	38	0.24	0.0	2
1942	68.0	95	19	3.03	0.0	8	69.3	92	32	2.75	0.0	8
1943	65.7	99	25	1.85	0.0	6	67.4	99	36	1.79	0.0	6
1944	67.9	96	32	4.86	0.0	12	69.9	96	39	6.36	0.0	10
1945	70.5	94	37	5.57	0.0	10	71.7	94	44	4.50	0.0	10
1946	67.9	99	30	3.61	0.0	7	68.8	94	40	2.91	0.0	6
1947	68.0	95	22	2.98	0.0	9	68.6	94	31	3.23	0.0	9

## Climatological Data for September 1947

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	Total	Departure from the normal	Greatest in 24 hours	Date	Total snowfall (Unheated)	With precip., 0.01 inch or more
<i>Maryland</i>															
Aberdeen, 4 miles SE.	Harford	67	29	67.6	-0.6	89	24	34	23	3.99	+0.69	0.85	7	0	10
Annapolis <sup>1</sup>	Anne Arundel	40	82	69.8	+1.1	90	4	44	27	4.72	+1.42	2.92	6	0	10
Baltimore <sup>1</sup> (central)	14	77	70.0	+1.5	94	4	41	27	3.54	+0.17	1.55	6-7	0	8	
Baltimore Airport	16	13	69.4	+1.8	93	4	39	27	2.80	-0.57	0.45	24-25	0	10	
Bluff	151	27	68.8	+0.6	92	4	29	27	3.52	-0.84	1.09	15	0	12	
Beltsville, 1 mi. ESE	do.	120	10	66.8	do.	91	14	32	28	3.18	1.08	24-25	0	11	
Blackwater <sup>1</sup>	Dorchester	5	7	70.6	do.	90	8	37	28	4.00	1.85	6-7	0	6	
Cambridge	do.	172	58	69.7	-0.6	98	4	40	27	2.69	-0.76	0.96	7-8	0	8
Charlotte Hall, 24 mi. E	St. Marys	167	26	68.6	-0.5	91	4	35	27	4.92	+2.00	1.80	24-25	0	11
Cheltenham, 14 mi. NW	Prince Georges	230	47	68.1	-0.4	92	4	36	27	4.28	+0.71	1.16	24-25	0	12
Chestertown	Kent	35	42	69.2	+0.9	92	4	37	28	4.14	+0.73	1.28	7	0	12
Chewsville, 4 mile SE	Washington	630	50	65.6	-0.4	90	4	27	27	0.92	-2.18	0.25	8	0	8
Clear Spring, 14 mi. NE	do.	500	48	66.8	+0.4	94	15	38	27	0.75	-2.84	0.44	22	0	4
Coleman <sup>1</sup> , 3 miles NW	Kent	80	50	70.8	+1.4	94	13	41	28	8.81	+0.36	1.88	7	0	11
College Park	Prince Georges	95	61	69.4	+1.3	92	4	35	27	3.90	+0.45	1.12	24-25	0	12
Conowingo Dam	Harford	40	12	67.0	+0.4	88	4	34	27	8.29	+0.08	0.68	1-2	0	12
Crisfield	Somerset	5	28	74.8	+2.6	91	27	44	27	3.62	+0.24	1.37	24-25	0	7
Cumberland	Allegany	623	77	65.4	-0.6	94	12	30	27	1.49	-1.20	0.67	5	0	6
Easton	Talbot	35	57	69.1	+0.2	89	15	37	27	4.35	+0.98	1.07	7	0	10
Edgemont <sup>1</sup> , 1 mile SW	Washington	920	9	do.	do.	do.	do.	do.	do.	1.22	0.34	1.0	7	0	7
Elikton	Cecil	28	24	68.3	+0.2	92	13	31	27	2.98	-0.80	1.42	2	0	9
Emmitsburg, 24 mi. SW	Frederick	720	81	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.	0	9
Fallston	Harford	450	78	67.6	+1.2	90	4	35	27	8.02	-0.96	0.96	6-7	0	14
Ferry Landing <sup>1</sup> , 14 mi S	Calvert	120	31	68.8	-0.2	92	4	35	27	4.85	+0.91	1.72	24-25	0	10
Fort George G. Meade	Anne Arundel	195	6	64.8	do.	91	4	27	27	1.99	1.02	24-25	0	6	
Frederick	Frederick	297	78	67.8	0.0	91	4	28	27	2.32	-1.08	0.63	15	0	14
Frederick Airport <sup>1</sup>	do.	371	4	66.5	do.	91	4	31	27	1.78	0.58	15	0	11	
Friendsville	Garrett	1,980	29	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.	0	11
Frostburg	Allegany	2,005	46	63.8	-0.7	87	4	26	27	2.15	-1.04	0.62	5-6	0	11
Germantown	Montgomery	460	7	67.6	do.	90	4	34	27	2.88	0.98	24-25	0	9	
Great Falls <sup>1</sup>	do.	200	59	69.0	+0.8	98	4	33	28	3.99	+0.48	1.25	24-25	0	8
Hancock, No. 1 <sup>1</sup>	Washington	428	38	do.	do.	do.	do.	do.	do.	1.73	-1.17	0.72	10	0	9
Hancock, No. 2	do.	428	14	65.4	-1.7	92	4	24	28	1.82	-1.08	0.79	10	0	10
Huntingtown	Calvert	160	12	68.8	+0.7	91	14	34	28	4.22	+0.72	1.29	25	0	9
Keedysville	Washington	420	44	68.9	+1.2	95	14	28	27	1.22	-2.04	0.56	7	0	9
La Plata	Charles	190	38	69.6	-0.3	94	4	36	27	4.03	+0.32	1.80	24-25	0	8
Lake	Allegany	950	10	do.	do.	do.	do.	do.	do.	2.71	+0.99	0.83	18	0	7
Maryland Line	Baltimore	840	23	67.5	+0.6	90	18	32	27	1.97	-1.39	0.63	15-16	0	7
Millington	Kent	27	50	59.3	+0.7	92	14	34	27	2.71	-0.89	0.79	24-25	0	11
Oakland, 1 mile SE	Garrison	2,420	50	62.6	+1.7	85	4	22	27	3.22	-0.02	1.47	5	0	9
Ocean City	Worcester	210	9	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.	0	9
Oxford	Talbot	210	11	70.1	-0.8	87	4	48	27	3.47	+0.33	0.76	24-25	0	11
Perry Point	Cecil	40	7	do.	do.	do.	do.	do.	do.	3.57	1.02	24-25	0	9	
Picard <sup>1</sup> , 3 miles NE	Allegany	1,030	21	65.2	-0.9	90	12	27	27	2.77	-0.02	1.80	1	0	6
Prettyboy Dam <sup>1</sup>	Baltimore	780	17	66.5	-0.1	88	4	35	27	3.41	-0.62	1.17	7	0	9
Ridgely	Caroline	67	57	68.6	-0.3	93	4	38	27	3.93	+0.41	1.07	6-7	0	9
Rock Hall	Kent	20	34	69.8	0.0	92	4	37	27	3.86	+0.20	0.91	24-25	0	11
Salisbury	Wicomico	10	41	71.4	+1.8	91	4	39	27	3.61	-0.28	1.67	24-25	0	9
Sines <sup>1</sup> (Deep Creek) <sup>1</sup>	Garrett	2,030	23	60.1	+0.5	84	4	24	27	2.85	-0.30	0.77	15	0	11
Snow Hill	Worcester	20	32	69.4	+0.3	91	14	37	27	3.11	-0.90	0.89	25	0	11
Solomons	Calvert	20	56	72.8	+1.0	91	2	46	27	2.89	-0.05	1.09	24-25	0	5
State Sanatorium	Frederick	1,460	39	65.5	-0.3	85	14	29	27	1.57	-2.28	0.60	10	0	12
Takoma Park, No. 1	Montgomery	320	49	68.5	+0.7	92	4	35	27	3.87	+0.23	1.06	6-7	0	10
Takoma Park, No. 2 <sup>1</sup>	do.	230	3	67.8	do.	90	4	34	27	4.80	1.51	6-7	0	11	
Tonoloway <sup>1</sup>	Washington	550	23	65.0	-0.9	91	4	27	28	1.41	-1.55	0.48	5-6	0	8
Towsont	Baltimore	475	86	do.	do.	do.	do.	do.	do.	2.29	-1.00	0.84	24-25	0	8
Unionville	Frederick	450	8	64.2	do.	89	4	26	28	1.60	0.45	6-7	0	10	
Western Port	Allegany	1,000	54	66.8	+0.1	93	15	30	27	3.54	+0.75	1.68	13	0	10
Westminster	Carroll	270	38	67.6	+2.1	90	47	30	27	1.52	-2.36	0.39	15-16	0	10
Williamsport, 2 mi. NW	Washington	360	9	do.	do.	do.	do.	do.	do.	0.60	0.20	23	0	11	
Woodstock	Baltimore	415	78	66.8	+0.5	94	3	29	29	2.89	-0.68	1.12	7	0	9
<i>Dist. of Columbia</i>	Washington <sup>1*</sup>	72	77	70.4	+2.3	91	4	40	27	3.70	+0.46	1.14	24-25	0	11
<i>Delaware</i>															
Bridgeville, 1 mile W.	Sussex	45	57	69.0	+0.4	93	14	34	27	3.68	+0.22	1.03	5-6	0	11
Delaware City, 14 mi. SW	New Castle	15	61	68.0	-0.7	89	15	39	28	1.93	-0.57	0.65	22	0	8
Dover	Kent	34	60	69.0	+0.2	89	13	33	28	2.43	-1.34	0.63	6-7	0	11
Georgetown	Sussex	60	2	69.0	do.	90	47	34	28	4.60	1.71	24-25	0	9	
Lewes	do.	10	38	70.0	do.	90	2	41	24	5.43	1.63	24-25	0	9	
Millsboro	do.	20	55	69.4	+0.3	91	47	37	28	3.74	+0.06	1.72	24-25	0	6
Newark	New Castle	110	16	do.	do.	do.	do.	do.	do.	2.77	1.05	2	9	0	9
Newark <sup>1</sup> , 14 miles SW.	do.	110	35	67.3	+1.0	90	13	31	27	3.12	-0.47	1.16	2	0	9
Wilmington <sup>1</sup> , 2 mi. NE	do.	42	54	67.5	-0.7	88	14	35	27	2.19	-1.61	0.53	24-25	0	11
Means and extremes:															
For Maryland and District of Columbia															
For Delaware															
For entire section															

All departures from normal are computed from the averages of the entire period for stations having 10 or more years of record, except that for First-Order Weather Bureau Stations they are based on adopted normals. The normal may be found by adding the departures when minus (-) or subtracting when plus (+). T. Trace or 0.005 inch or less rain or melted snow. Recording gage. *Stiles*. Data Interpolated. Elevations are of ground above mean sea level.

<sup>1</sup> Post addresses of these stations are as follows: Of Bell, Glendale; of Blackwater, Cambridge; of Charlotte Hall, Mechanicsville; of Coleman, Worton; of Edgemont, Smithsburg; of Ferry Landing, Owings; of Great Falls, Bethesda; of Picard, Paw Paw, W. Va.; of Prettyboy Dam, Parkton; of Sines, Oakland; of Takoma Park No. 2, Silver Spring; of Tonoloway, Hancock. \*Custom House, Gay and Water Sts. \*\*Weather Bureau Building, 24th and M Sts. <sup>1</sup> Also on other dates. <sup>2</sup> Municipal Building, <sup>3</sup> Porter Reservoir. <sup>4</sup> Water Pumping Station. <sup>5</sup> University Farm. Figures and letters following station indicate distance and direction of the observation point from the City Post Office. <sup>1</sup> 1.8 miles west.

Thermometers are read in morning; maximum temperature then read is charged to preceding day, on which it almost always occurs. Temperatures at Aberdeen, Annapolis, Baltimore, Baltimore Airport, Frederick Airport, Sines, Washington, and Wilmington are from midnight to midnight; at Ocean City and Snow Hill the thermometers are read at 1:30 a.m. the extremes are charged to the preceding day; at other stations temperatures are for a 24-hour period ending in late afternoon or near sunset, except 11 p.m. at Chestertown. *Italics*, Data Interpolated.

## Daily Precipitation for September 1947

Stations	Drainage basin	Day of month																														Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
<i>Maryland</i>																																
Aberdeen <sup>1</sup>	Atlantic	.32	T.	.16	T.	.30	.85	.28	T.	.69	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3.99
Annapolis <sup>1</sup>	do	.02	.19	...	.02	.02	.91	T.	.01	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4.72	
Baltimore <sup>1</sup>	do	T.	.01	.02	1.18	.84	T.	T.	T.	T.	15	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3.54	
Baltimore Airport <sup>1</sup>	do	T.	.33	T.	.05	.85	.59	T.	T.	T.	15	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2.80	
Bell	do	.01	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3.52	
Beltsville	do	.26	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3.13	
Blackwater	do	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4.00	
Cambridge	do	.19	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2.69	
Charlotte Hall	do	.92	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4.92	
Cheltenham <sup>2</sup>	do	.79	.24	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4.28	
Chestertown	do	T.	.18	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4.14	
Chewsville	do	T.	.01	T.	.05	.02	.25	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.92	
Clear Spring	do	T.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.75	
Coleman	do	.25	.12	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3.81	
College Park	do	.13	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3.90	
Conowingo Dam <sup>2</sup>	do	.68	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3.23	
Crisfield	do	.13	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3.62	
Cumberland <sup>2</sup>	do	.31	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1.49	
Easton	do	.44	.12	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4.85	
Edgemont <sup>2</sup>	do	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1.22	
Elkton	do	1.42	T.	.06	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2.98	
Enniscorthy	do	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Fallston	do	.09	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	8.02
Ferry Landing	do	.49	.58	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4.85	
Fort George G. Meade	do	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1.99	
Frederick	do	.45	T.	.04	1.0	.42	1.4	.06	T.	.05	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2.32		
Frostburg	do	.38	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1.78	
Germantown	do	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2.15	
Great Falls <sup>2</sup>	do	.33	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3.99	
Hancock No. 1 <sup>2</sup>	do	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1.73	
Hancock No. 2 <sup>2</sup>	do	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1.82	
Huntingtown	do	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4.22
Keddysville	do	T.	.09	T.	.05	.03	.56	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1.22
La Plata	do	.65	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4.03	
Luke <sup>2</sup>	do	.35	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2.71	
Maryland Line	do	.30	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1.97	
Millington	do	.04	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2.71	
Oakland	do	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3.22	
Oxford	do	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3.47	
Perry Point	do	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2.77	
Picardy	do	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3.41	
Prettyboy Dam	do	.62	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3.41
Ridgely	do	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3.93	
Rock Hall	do	.23	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3.86	
Salisbury	do	.07	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3.61	
Sines <sup>1</sup>	Ohio	19	.02	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2.85	
Snow Hill <sup>3</sup>	Atlantic	.06	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3.11	
State Sanatorium	do	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2.89	
Takoma Park, No. 1	do	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1.57	
Takoma Park, No. 2	do	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3.87	
Tonoloway	do	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1.41	
Towson <sup>2</sup>	do	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2.29	
Unionville	do	.09	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1.60	
Western Port	do	.44	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3.54	
Westminster <sup>2</sup>	do	.20	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1.52	
Williamsport <sup>2</sup>	do	.08	T.	.09	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.60	
Woodstock	do	...	...	...	...	...																										

SEPTEMBER 1947

**Daily Temperatures for September 1947—Continued**

See page 34 for explanation of reference marks.

(WBO, Philadelphia, Pa.-1-3-48-1325)