

U. S. DEPARTMENT OF COMMERCE  
CHARLES SAWYER, Secretary  
WEATHER BUREAU  
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# CLIMATOLOGICAL DATA

MARYLAND AND DELAWARE

OCTOBER 1949  
Volume LIII No. 10



## MARYLAND AND DELAWARE - OCTOBER 1949

G. N. Brancato, Section Director - Baltimore, Md.

### WEATHER SUMMARY

The weather of this month was high lighted by temperature averages substantially above normal and precipitation totals near or above normal. Cloudiness was well above normal and, consequently, sunshine was rather deficient. Baltimore, for example, had only 10 clear days compared to the normal distribution of 13 such days. The average speed of the wind was somewhat below the usual proportion.

Temperatures over the two-state area were from 4 to 6 degrees above normal, almost without exception. The warmest period was from the 5th through the 12th, when most daytime temperatures were in the 80's and most nighttime temperatures were in the 60's, except in the Allegheny Mountains where nighttime readings were in the 50's. The period from the 19th through the 23rd provided above normal temperatures with high daytime readings offsetting cool nighttime values. The last two days of the month also were well above normal. The coolest weather occurred on the 27th-28th when the first freezing temperatures of the season were reported from most stations. Stations in Garrett County reported their first freezing weather earlier in the month and, in some areas, back in September. However, the protective influence of the larger water areas during this season prevented the occurrence of freezing temperatures in their immediate vicinity.

Rainfall amounts were within one inch of normal values at most of the stations. They were above normal by one inch or more in Delaware, except in the western portion of New Castle County, in Caroline and Dorchester Counties, and in portions of Calvert, St. Mary's, Howard, Baltimore and Harford Counties of Maryland. Millsboro and Milford, Delaware, and Cambridge, Maryland, had rainfall amounts of over two inches above normal. Generally, the large excesses in amounts came on the 7th or the 31st from heavy rains which were not as intense in other portions of the area. Cambridge, Maryland, reported 5 inches of rainfall on the 30th-31st. The first 24 days were generally fair with the heavier rainfall amounts occurring as described above and on the 18th in the immediate vicinity of the Atlantic Ocean. From the 25th through the 31st, rainy weather prevailed in all portions of Maryland and Delaware. There was no snow reported during the month, although the probability is for a trace or more in Maryland in this month about three years of every four.

The generally fair weather of the first 24 days was excellent for the harvest of apples, late vegetables and corn, as well as preparing the ground for and the seeding of winter grains, and for out-of-door farm operations. Pastures made some recovery from the late-month rains which also were beneficial to the germination and growth of winter grains.---H.L.A.

### TEMPERATURE

The monthly mean temperature for the section was 61.0 degrees, 4.5 degrees above normal; for Maryland and the District of Columbia, 61.0 degrees, 4.7 degrees above normal; and for Delaware, 61.7 degrees, 4.2 degrees above normal.

For Maryland, the monthly mean temperature varied from 66.9 degrees at Crisfield, to 53.3 degrees at Sines. The highest temperature was 97 degrees on the 9th at Coleman, and the lowest was 18 degrees on the 27th at Oakland. The greatest local monthly temperature range was 65 degrees at Oakland, ranging from 83 degrees on the 9th to 18 degrees on the 27th. The least local monthly range was 40 degrees at Solomons, ranging from 85 degrees on the 10th to 45 degrees on the 28th.

For Delaware, the monthly mean temperature varied from 62.6 degrees at Millsboro to 60.4 degrees at Wilmington (New Castle Airport). The highest temperature was 88 degrees on the 10th at Lewes, and the lowest was 27 degrees on the 28th at Newark College Farm and Bridgeville. The greatest local monthly temperature range was 60 degrees at Lewes, having a high reading of 88 degrees on the 10th and a low of 28 degrees on the 28th. The least local monthly range was 50 degrees at Wilmington (Porter Reservoir) with a high reading of 84 degrees on the 10th and a low reading of 34 degrees on the 28th.

### PRECIPITATION

The monthly average for the section was 3.57 inches, 0.52 inch above normal; for Maryland, 3.49 inches, 0.46 inch above normal; and for Delaware, 4.32 inches, 1.17 inches above normal. For Maryland, it was greatest at Cambridge with 5.33 inches, and least at Luke with 2.37 inches. The greatest 24-hour amount was 4.35 inches on the 31st at Cambridge. For Delaware, the monthly precipitation was greatest at Millsboro with 7.51 inches (published record does not contain 2.33 inches of rain on October 7th) and least at Smyrna with 2.49 inches. The greatest 24-hour amount was 3.03 inches on the 31st at Bridgeville.

### ACKNOWLEDGMENTS

In addition to the climatological data from some 6,000 Weather Bureau and cooperative weather stations, this bulletin series contains records from Hydroclimatic Network Stations which were formerly reproduced in the Hydrologic Bulletin Series. The Hydroclimatic Network is a nationwide net of rain gages--mostly of the recording type which produce continuous records of precipitation. It was established in 1939 at the request of the Corps of Engineers, Department of the Army, to supplement existing precipitation stations in order to provide records of rainfall intensity which were essential to the planning of flood control and related works by the Corps of Engineers. This Network, now numbering about 2,000 recording, and 1,000 non-recording rain gages, has been maintained by the Weather Bureau through working funds transferred annually to the Weather Bureau by the Corps of Engineers. These transfers averaged about \$250,000 per year between 1940 and 1944, and nearly \$375,000 since that date. For the years 1940-42, the Department of Agriculture transferred about \$100,000 per year to provide data required in its work, and since 1947 the Bureau of Reclamation has transferred about \$25,000 per year to meet the increasing needs of their program in the Western States.

Previous to the introduction of this bulletin series, data from Hydroclimatic Network stations were presented in bulletins (Hydrologic Bulletins) which were issued monthly for each of 8 drainage areas embracing the entire United States, but since the Network was established to meet the internal requirements of the Federal agencies referred to above, no provision was made for public dissemination of the data, distribution being limited to cooperating agencies and to certain public repositories. A list of locations where reference copies of the Hydrologic Bulletin Series are available for inspection may be obtained upon application to Chief, U.S. Weather Bureau, Washington 25, D.C.

Many other records published in this bulletin have been made available through the cooperation of various public offices, private agencies, and individuals as listed in the Station Index.

# SUPPLEMENTAL DATA

MARYLAND AND DELAWARE

OCTOBER 1949

Station	Wind direction		Wind speed m. p. h.				Relative humidity averages - percent				Number of days with precipitation						Percent of possible sunshine	Average sky cover sunrise to sunset	Degree days 65° base
	Prevailing	Percent of time from prevailing	Average	Fastest	Direction of fastest mile	Date of fastest mile	1:30 A. E.S.T.	7:30 A. E.S.T.	1:30 P. E.S.T.	7:30 P. E.S.T.	Trace	01-09	10-49	50-99	100-199	200 and over			
ABERDEEN PHILLIPS FLD, MD.	E	13	6.7	-	-	-	88	88	63	84	6	1	4	1	0	9	-	-	
ANNAPOLIS U S N ACAD., MD.	E	13	6.7	-	-	-	78	82	67	74	3	3	5	1	0	14	-	-	
BALTIMORE WB CITY, MD.	NNE	10	7.5	30	SW	12	79	80	57	72	4	4	3	1	0	14	47	5.9	
WASHINGTON WB CITY, D.C.	S	16	5.9	22	SW	23	80†	82†	57†	72†	1	4	3	1	0	12	47	5.9	
WILMINGTON WB AIRPORT, DEL.	NE	13	6.9	-	-	-	83	84	58	75	4	3	4	0	0	14	-	-	

† Airport Data

## COMPARATIVE DATA

Table 1

Year	Temperature			Precipitation			Year	Temperature			Precipitation			Year	Temperature			Precipitation		
	Average	Highest	Lowest	Average	Average snowfall	No. of days .01 or more		Average	Highest	Lowest	Average	Average snowfall	No. of days .01 or more		Average	Highest	Lowest	Average	Average snowfall	No. of days .01 or more
<b>MARYLAND</b>																				
1895	50.7	82	4	1.93	T	4	1934	54.6	85	15	1.25	0.1	4	1914	60.6	87	26	1.77	0.0	4
1896	52.4	85	16	1.44	T	5	1935	56.0	88	17	2.75	0.1	8	1915	59.4	87	30	4.08	0.0	8
1897	56.6	91	20	2.94	0.0	8	1936	57.6	85	16	3.24	T	8	1916	57.0	89	29	1.53	0.0	4
1898	56.8	89	17	4.87	T	10	1937	53.4	87	14	7.29	0.1	13	1917	52.4	83	21	6.99	0.0	10
1899	57.1	88	15	2.60	0.0	5	1938	56.5	92	19	1.75	0.0	7	1918	59.4	85	29	0.89	0.0	4
1900	60.6	91	21	2.03	0.0	6	1939	56.8	94	15	4.83	T	9	1919	63.3	93	35	2.72	0.0	8
1901	54.8	92	16	1.14	T	4	1940	53.1	86	20	2.33	2.2	9	1920	61.0	86	34	1.07	0.0	2
1902	57.2	89	17	5.72	T	7	1941	61.8	99	20	1.63	0.0	7	1921	56.8	82	31	1.00	0.0	4
1903	56.5	89	20	4.06	T	7	1942	57.8	87	14	6.77	T	11	1922	59.3	89	28	1.41	0.0	7
1904	53.6	91	14	2.60	T	3	1943	54.2	86	19	5.08	T	9	1923	56.0	82	30	3.58	0.0	5
1905	56.5	93	20	2.80	T	6	1944	54.8	89	17	3.52	T	9	1924	56.8	84	30	0.39	0.0	2
1906	55.3	82	12	5.17	0.1	14	1945	55.4	85	23	1.43	T	7	1925	53.0	87	25	4.56	1.7	14
1907	51.1	83	15	2.34	T	6	1946	59.3	90	24	2.85	T	10	1926	56.8	91	26	2.46	0.0	9
1908	57.3	90	15	2.34	0.0	6	1947	61.8	94	17	1.47	0.0	5	1927	59.3	94	36	4.85	0.0	9
1909	51.5	86	19	1.79	T	6	1948	54.0	88	19	3.54	3.0	8	1928	58.6	88	25	1.13	0.0	5
1910	58.8	92	15	3.21	0.1	7	1949	61.0	97	18	3.49	0.0	9	1929	55.0	80	28	4.33	0.0	8
1911	57.3	85	23	3.47	T	10	Period	56.3	99	4	3.03	0.2	1930	54.9	86	23	1.45	0.0	6	
1912	57.9	93	18	1.54	T	4	<b>DELAWARE</b>							1931	60.8	90	33	2.61	0.0	5
1913	57.9	92	13	4.55	0.1	11	1895	51.9	80	27	2.85	T	4	1932	58.6	85	30	6.70	0.0	8
1914	59.1	93	19	1.73	T	6	1896	54.0	84	28	3.16	0.0	5	1933	56.8	85	26	1.27	0.0	6
1915	57.7	88	19	3.85	T	9	1897	57.8	90	30	5.90	0.0	10	1934	55.2	79	28	2.08	T	5
1916	55.4	91	19	1.95	T	5	1898	58.8	88	31	4.18	0.0	9	1935	57.2	84	30	2.92	0.0	8
1917	50.7	87	18	5.66	1.1	10	1899	58.3	83	29	3.61	0.0	5	1936	58.8	83	23	3.27	0.0	7
1918	59.6	89	21	1.43	0.0	6	1900	60.8	85	31	3.09	0.0	5	1937	55.5	82	26	5.47	T	11
1919	62.3	96	27	3.31	0.0	11	1901	55.8	82	30	1.59	0.0	3	1938	58.1	86	33	2.33	0.0	7
1920	60.2	91	25	0.84	0.1	3	1902	57.8	84	27	4.89	T	6	1939	58.7	92	27	4.63	0.0	9
1921	55.7	85	20	1.09	T	5	1903	57.6	86	31	6.23	T	8	1940	53.6	83	23	2.25	1.6	8
1922	58.3	94	15	1.93	0.0	6	1904	53.8	90	26	2.78	0.0	4	1941	63.0	97	24	1.58	0.0	6
1923	54.8	90	18	2.39	T	6	1905	57.8	89	31	2.05	0.0	5	1942	58.6	82	24	4.96	0.0	11
1924	55.9	88	15	0.40	0.0	2	1906	57.3	81	28	4.47	0.0	12	1943	55.1	82	30	6.21	0.0	10
1925	50.9	85	16	5.49	3.4	15	1907	52.1	82	27	2.92	0.0	5	1944	55.6	87	25	2.62	0.0	8
1926	55.8	94	21	3.40	0.1	10	1908	59.2	88	33	1.81	0.0	6	1945	56.0	84	28	2.64	0.0	9
1927	58.6	98	24	6.00	0.6	9	1909	53.2	82	25	1.22	0.0	5	1946	59.5	86	33	2.10	0.0	9
1928	57.7	90	13	1.02	T	5	1910	59.8	88	27	5.39	0.0	6	1947	62.6	88	27	1.87	0.0	6
1929	53.4	85	23	5.58	0.1	9	1911	57.2	83	33	2.83	0.0	8	1948	54.8	80	25	3.81	0.0	11
1930	53.9	89	7	0.74	0.1	5	1912	60.0	96	33	2.02	0.0	3	1949	61.7	88	27	4.32	0.0	10
1931	59.1	91	22	1.69	T	6	1913	59.5	80	30	4.67	0.0	10	Period	57.5	97	21	3.15	0.0	
1932	56.5	88	22	6.35	0.1	9														
1933	54.7	91	16	2.03	T	6														

# CLIMATOLOGICAL DATA

MARYLAND AND DELAWARE

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Table 2

Station	Temperature								Precipitation									
	Average	Departure from Normal	Highest	Date	Lowest	Date	No. of Days		Total	Departure from Normal	Greatest Day	Date	Snow, Sleet, Hail			No. of Days		
							Max. 90° or above	Min. 32° or below					Total	Max. Depth on Ground	Date	0.1 or more	.25 or more	1.00 or more
<b>MARYLAND</b>																		
ABERDEEN PHILLIPS FIELD	60.8	4.6	83	10+	32	28	0	1	4.37	1.83	1.72	7	0	0	0	8	4	2
ANNAPOLIS U S NAVAL ACADEMY	62.5	4.4	80	12	37	25	0	0	3.18	.02	1.03	28	0	0	0	11	5	1
BALTIMORE WB AIRPORT	63.5	5.1	87	10+	39	28	0	0	3.13	-.23	.67	7	0	0	0	10	6	0
BALTIMORE WB CITY	64.3	6.1	87	10+	41	28	0	0	4.11	1.10	1.48	7	0	0	0	9	6	1
BALTIMORE HAMILTON	61.5		85	10+	34	28	0	0	5.23		2.52	7	0	0	0	8	4	2
BATTERY PARK	61.5		87	10	32	27	0	1	3.74		1.02	29	0	0	0	9	5	1
BELTSVILLE	59.8M	4.4	85	11+	29	28	0	2	3.09	-.32	1.21	29	0	0	0	14	3	1
BELTSVILLE PLT IND STA NO 1	59.9		86	11	29	28	0	2	3.01		1.28	29	0	0	0	9	3	1
BELTSVILLE PLT IND STA NO 2	59.9		85	11+	29	27+	0	0	2.77		1.13	29	0	0	0	10	1	1
BELTSVILLE PLT IND STA NO 3	60.7		86	11	31	28	0	1	3.12		1.24	29	0	0	0	10	3	1
BELTSVILLE PLT IND STA NO 4	61.7		85	10+	34	27+	0	0	3.24		1.32	29	0	0	0	10	3	1
BELTSVILLE PLT IND STA NO 5	59.4		85	10+	28	27+	0	2	3.08		1.35	29	0	0	0	8	3	1
BELTSVILLE PLT IND STA NO 6	60.3		85	11+	31	28	0	1	3.10		1.33	29	0	0	0	8	3	1
BENSON POLICE BARRACKS	58.6		85	10	27	28	0	2	5.07		2.13	7	0	0	0	8	4	2
BENTLEY SPRINGS	58.9		86	10	27	27+	0	2	4.25		1.40	7	0	0	0	10	4	2
BLACKWATER	63.1		84	10	32	28	0	1	4.30		3.48	31	0	0	0	2	2	1
BRIGHTON DAM	60.2		86	10	29	27+	0	2	3.81		1.17	26	0	0	0	8	4	1
BROOKSIDE MANOR	61.6		87	10+	31	28	0	2	3.19		1.49	29	0	0	0	9	3	1
CAMBRIDGE	62.8M	3.8	88	10	31	28	0	1	5.33	2.15	4.35	31	0	0	0	5	2	1
CHARLOTTE HALL	62.3	4.6	84	9+	35	27+	0	0	2.48	-.84	1.41	31	0	0	0	8	3	1
CHELTENHAM	60.9	3.8	86	11	32	28	0	1	3.12	-.08	1.08	29	0	0	0	10	4	1
CHESTERTOWN	62.2	5.5	87	11	35	28	0	0	2.73	-.35	.70	31	0	0	0	11	3	0
CHESVILLE BRIDGEPORT	59.1	4.7	85	9+	28	27	0	2	3.10	.13	.77	26	0	0	0	9	4	0
CLEAR SPRING	59.9	5.5	87	10	34	26+	0	0	2.44	-.68	.90	7	0	0	0	6	4	0
COLEMAN	63.7M	5.4	97	9+	34	28	4	0	3.38	.45	1.08	31	0	0	0	7	4	1
COLLEGE PARK UNIV OF MARYLAND	62.0M	5.6	86	10+	30	28	0	2	2.90	.01	1.30	29	0	0	0	9	3	1
CONOWINGO DAM	59.7	4.7	83	10+	30	28	0	1	3.98	.58	1.21	7	0	0	0	9	5	1
CONOWINGO POLICE BARRACKS	56.8		82	11+	27	28	0	2	4.30		1.32	26	0	0	0	7	4	2
CRISFIELD	66.9M	5.6	84	10+	27	28	0	2	2.78	-.18	1.90	29	0	0	0	4	3	1
CUMBERLAND	58.8	4.2	89	12	28	27	0	2	2.66	.13	.71	26	0	0	0	11	5	0
CUMBERLAND POLICE BARRACKS	58.2		91	11	25	27	2	5	2.67		.68	7	0	0	0	9	5	0
DISTRICT HEIGHTS	61.9		85	10+	34	27	0	0	3.34		1.10	28	0	0	0	10	4	1
DUNDALK	63.1		87	11	37	28	0	0	3.57		1.01	26	0	0	0	11	4	1
EASTON POLICE BARRACKS	59.9M	2.2	84	10+	30	28	0	2	2.80	-.39	1.80	31	0	0	0	8	2	1
ELETON	60.8	4.8	87	11	29	28	0	1	3.87	.67	1.02	31	0	0	0	7	4	1
EMMITSBURG	59.5M	4.2	84	10+	34	28	0	0	4.16	.61	1.12	7	0	0	0	11	1	1
FALLSTON	60.7	5.3	86	10	33	28	0	0	5.03	1.60	2.04	7	0	0	0	9	4	2
FORT GEORGE G HEADF	58.7M		82	10+	26	28	0	1	3.17		.90	29	0	0	0	8	5	0
FREDERICK POLICE BARRACKS	59.6		88	10	31	28	0	2	3.23		.88	26	0	0	0	7	4	0
FREDERICK WB AIRPORT	61.3		87	11+	31	27+	0	2	2.90		.89	26	0	0	0	8	4	0
FRIENDSVILLE	56.1M	4.7	84	10	22	27	0	3	2.55	-.70	.97	14	0	0	0	11	1	0
FROSTBURG	56.1	2.3	83	10+	25	27	0	2	3.28	.07	.79	15	0	0	0	14	5	0
GERMANTOWN	61.6M	5.6	85	10	34	27	0	0	3.43	.32	.91	26	0	0	0	7	4	0
GLENN DALE BELL STATION	61.3	5.6	87	10+	28	28	0	2	3.28	.04	1.46	29	0	0	0	9	3	1
GRASONVILLE	62.3	3.5	85	8+	35	28	0	0	2.58		1.15	29	0	0	0	8	4	1
GREAT FALLS	63.1M	6.6	89	12	32	27	1	1	*		1.54	28	0	0	0	8	2	2
GREENBELT	60.4		86	11+	29	28	0	2	3.09		1.22	29	0	0	0	10	3	1
GROSVENOR LANE	60.8		85	10+	30	28	0	2	3.54		1.40	29	0	0	0	10	4	1
HAGERSTOWN	60.5		86	10+	36	27	0	0	2.89		.93	7	0	0	0	8	3	0
HANCOCK FRUIT LABORATORY	57.3	2.3	88	11+	25	27	0	4	3.13	.73	1.00	7	0	0	0	11	4	1
HUNTINGTOWN	62.6	5.0	85	10	36	27	0	0	2.95	-.88	1.53	31	0	0	0	9	2	1
KEDDYVILLE	60.7	4.7	90	10+	27	27	2	1	3.02	-.25	.77	26	0	0	0	9	5	0
LA PLATA	62.8	5.0	89	10+	32	27+	0	2	3.02		1.30	31	0	0	0	7	1	1
LAUREL	63.3M	7.3	85	10	30	28	0	1	4.23	1.16	1.52	30	0	0	0	8	4	2
LEONARDTOWN	63.4	5.0	86	10+	34	28	0	0	4.28	1.07	3.31	31	0	0	0	5	2	1
LISBON	59.9	4.7	87	11	30	28	0	2	3.86	.01	1.10	7	0	0	0	10	5	1
MILLINGTON	62.5	5.2	89	10	30	28	0	1	3.51	.55	1.21	31	0	0	0	9	3	2
NEW GERMANY	54.3M		83	10+	20	27	0	6	2.85		1.03	15	0	0	0	9	5	1
OAKLAND	55.0M	5.3	83	9+	18	27	0	7	3.96	.70	1.47	15	0	0	0	15	5	1
OCEAN CITY	65.1		81	10	40	21	0	0	*		1.20	18	0	0	0	4		
OWINGS FERRY LANDING	62.2	4.1	87	10+	33	28	0	0	3.05	.03	1.31	31	0	0	0	10	3	1
OXFORD	62.9	3.2	83	11	38	28	0	0	3.04	-.16	2.00	31	0	0	0	9	2	1
PICARDY	58.8	4.2	88	12	28	27	0	2	3.24	-.07	.63	29+	0	0	0	12	4	0
PIKESVILLE POLICE BARRACKS	60.9M		83	10+	34	28	0	0	3.71		1.07	26	0	0	0	8	4	1
POCOMOKE CITY	63.5M	3.8	85	8+	30	28	0	1	3.36	.02	1.96	29	0	0	0	7	4	1
PRESTON	62.8		87	10+	30	28	0	1	4.08		3.30	31	0	0	0	4	2	1
PRETTYBOY DAM	61.0M	5.6	85	10	32	28	0	1	3.15	-.54	1.01	7	0	0	0	5	3	1
PRINCESS ANNE	62.2	4.6	84	10+	28	28	0	1	3.71	.52	2.20	29	0	0	0	7	3	1
RANDALLSTOWN POLICE BARRACKS	57.0		82	9	30	28	0	2	3.71		1.14	26	0	0	0	9	1	1
RIDGELY	62.5	5.1	86	10+	32	28	0	1	3.76	.78	2.00	31	0	0	0	10	2	1
RIVERDALE	61.1		88	10	29	28	0	2	3.11		1.13	29	0	0	0	9	5	1
ROCK HALL	61.0	2.7	85	10	31	28	0	1	2.50	-.42	.85	31	0	0	0	8	3	0
ROCKVILLE	62.0		85	10+	35	27+	0	0	3.62		1.33	29	0	0	0	7	4	1
ROYAL OAK	63.7		86	10+	37	28	0	0	3.14		2.00	31	0	0	0	9	2	1
SALISBURY	62.7	4.1	85	7	30	28	0	1	4.13	.92	2.08	29	0	0	0	7	3	







# HOURLY PRECIPITATION

MARYLAND AND DELAWARE  
OCTOBER 1949

Table 4--Continued

Station	A. M. Hour ending												P. M. Hour ending												Total		
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12			
NEW GERMANY									.08	.01	.01	.04	.03	.01		.03	.04	.02	.01	.02	.07	.01	.02	.08	.48		
SAVAGE RIVER DAM								.01	.06	.02	.07	.02	.05	.03	.02	.05	.03	.03	.02	.04	.03	.04	.02	.04	.47		
SINES DEEP CREEK				.01	.01	.03	.01	.01	.03	.02	.02	.01	.01	.01	.02	.03	.03	.03	.01	.02	.07	.05	.01	.08	.54		
UNIONVILLE								.01					.01		.01	.04	.06	.06	.06	.08	.08	.16	.04	.09	.72		
WASHINGTON WB CITY DC												.01	.01		.01	.04	.05		.02	.04	.01	.06	.01	.01	.27		
DELAWARE																											
WILMINGTON WB N CASTLE 6									*	*	*	*	*	.05	*	*	*	*	*	.11	*	*	*	*	*		
-26th-																											
MARYLAND																											
UNIONVILLE	.03	.07	.08																						.18		
ABERDEEN PHILLIPS PLD	.16	.35	.21	.07	.04	.04																			.87		
ANNAPOLIS U S N ACADEMY	*	.04	*	*	*	*	*	*																	.42		
BALTIMORE WB AIRPORT 6	*	.44	*	*	*	*	*	*																	.43		
BELTSVILLE	.14	.11	.03	.07	.01																				.36		
BELTSVILLE PLT IND STA NO 5	.05	.20	.05	.05	.03	.02																			.40		
BETHESDA	.16	.11	.07	.02	.05																				.41		
COCKEYSVILLE	.23	.25	.06	.01																					.85		
GLEN ECHO	.07	.23	.09	.01	.05	.01																			.46		
GRANTSVILLE	.08	.02	.02																						.12		
LUKE	.01																								.01		
SINES DEEP CREEK						.01	.04																		.05		
WASHINGTON WB CITY DC	.03	.19	.06	.02	.07	.02																			.39		
DELAWARE																											
WILMINGTON WB N CASTLE 6	*	.56	*	*	*	*	*																		.41		
-28th-																											
MARYLAND																											
ANNAPOLIS U S N ACADEMY																*	*	*	*	.20	*	*	*	*	.83		
BALTIMORE WB AIRPORT 6																*	*	*	*	.09	*	*	*	*			
BELTSVILLE													.02							.24	.27	.10	.17	.06	.14		
BELTSVILLE PLT IND STA NO 5																.01	.01	.07	.34	.20	.12	.15	.08	.12			
BETHESDA																			.12	.24	.29	.15	.24	.14	.20		
COCKEYSVILLE																			.01	.08	.12	.18	.04	.06	.02		
GLEN ECHO																			.05	.22	.25	.20	.18	.20	.16		
GRANTSVILLE																			.04	.11	.07				.22		
LUKE																.01	.10	.13	.07	.03	.02				.36		
NEW GERMANY																.08	.10	.02	.09		.01				.30		
SALISBURY MUNICIPAL AP 6																											
SAVAGE RIVER DAM																			.10	.09	.13	.10	.04	.02	.02		
SINES DEEP CREEK																.03	.07	.13	.03	.08	.01				.35		
UNIONVILLE																.02	.07	.14	.09	.06	.07	.03	.07		.55		
WASHINGTON WB CITY DC																.01	.06	.27	.24	.22	.27	.18	.15		1.40		
DELAWARE																											
WILMINGTON WB N CASTLE 6																*	*	*	*		.01	*	*	*	*		
-29th-																											
MARYLAND																											
ANNAPOLIS U S N ACADEMY	*	.85	*	*	*	*	*		.06												*	*	*	*	.02		
BALTIMORE WB AIRPORT 6	*	.46	*	*	*	*	*		.08												*	*	*	*			
BELTSVILLE			.05	.05	.01				.02			.03	.01			.02					.01			.01			
BELTSVILLE PLT IND STA NO 5	.05	.02				.01	.01	.01													.03	.01	.01	.01			
BETHESDA	.02	.01	.01																								
COCKEYSVILLE	.01	.05	.01																				.02	.09			
SALISBURY MUNICIPAL AP 6	*	.90	*	*	*	*	*	1.44											*	.03							
SHARPTOWN																					.01	.03	.01	.01			
UNIONVILLE	.02	.02	.01																		.01	.01	.02	.10			
WASHINGTON DC WB CITY	.14	.10					.01						.01									.01		.27			
DELAWARE																											
WILMINGTON WB N CASTLE 6	*	.55	*	*	*	*	*		.15																		
-30th-																											
MARYLAND																											
ABERDEEN PHILLIPS PLD																				.02	.09	.12	.06	.07	.08		
ANNAPOLIS U S N ACADEMY	*	.02	*	*	*	*	*	.02	*	*	*	*	.03	*	*	*	*	*	*	.09	*	*	*	*	.31		
BALTIMORE WB AIRPORT 6	*	.01	*	*	*	*	*	.01	*	*	*	*	.01	*	*	*	*	*	.11	*	*	*	*	*			
BELTSVILLE								.03											.07	.02	.01	.02	.04	.11			
BELTSVILLE PLT IND STA NO 5																			.01	.04	.04	.01	.02	.03			
BETHESDA																			.01	.04	.07	.03	.04	.01			
COCKEYSVILLE																			.02	.02	.05	.02	.02	.01			
GLEN ECHO																			.01	.09	.05	.04	.01	.15			
GRANTSVILLE										.04	.02								.02	.02	.01	.07	.01	.01			
LUKE												.01				.03	.04	.02	.04	.05	.02	.01	.07	.10			
NEW GERMANY																			.07	.02	.01	.03	.08	.01			
SALISBURY MUNICIPAL AP 6																*	*	*	*	.15	*	*	*	*			
SAVAGE RIVER DAM																			.01	.03	.01	.06	.03	.09			
SHARPTOWN	.25	.15	.07	.07	.01											*	*	*	*	*	*	*	*	.08			
SINES DEEP CREEK																*	*	*	*	*	*	*	*	*			
UNIONVILLE																			.03	.02	.03	.05	.02	.03			
WASHINGTON WB CITY DC											.01	.01							.02	.05	.03	.01	.06	.02			
DELAWARE																											
WILMINGTON WB N CASTLE 6			*	*	*	*	*		.04						*	*	*	*	*	.06	*	*	*	*			
-31st-																											
MARYLAND																											
ABERDEEN PHILLIPS PLD	.02	.05	.03	.01																					.11		
ANNAPOLIS U S N ACADEMY	*	.11	*	*	*	*	*		.41																.52		
BALTIMORE WB AIRPORT 6	*	.32	*	*	*	*	*		.28																		
BELTSVILLE	.02		.16	.01	.02	.01																			.22		
BELTSVILLE PLT IND STA NO 5	.14	.03	.14	.04	.01																				.36		
BETHESDA	.03	.12	.04	.01																					.20		
COCKEYSVILLE	.15	.03	.14	.20				.01	.01	.01	.02	.01													.58		
GLEN ECHO	.06	.04	.10	.03	.01	.01																			.25		
GRANTSVILLE	.04	.06	.02	.06																					.18		
LUKE		.10	.01																			.01	.02		.14		
NEW GERMANY	.04	.07	.02	.01																					.14		
SALISBURY MUNICIPAL AP 6	*	.32	*	*	*	*	*	.07	*	*	*	*	*	.12											.15		
SAVAGE RIVER DAM	.05	.08	.02																						.58		
SHARPTOWN	*	*	*	*	*	*	*	*	*	*	*	*	*	1.77											2.32		
SINES DEEP CREEK	.01	.03	.06	.03	.01	.01	.01	.01	.01	.01	.01	.01												.22			
UNIONVILLE	.08	.07	.12	.10	.01																				.36		
WASHINGTON WB CITY DC	.07	.08	.09			.01																			.25		
DELAWARE																											
WILMINGTON WB N CASTLE 6	*	.35	*	*	*	*	*		.54																		



# DAILY TEMPERATURES

MARYLAND AND DELAWARE

OCTOBER 1949

Table 5

Station	Day of month																															Average
	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 PHILLIPS FLD	MAX	75	72	70	74	78	70	74	79	81	83	83	80	89	65	71	68	62	62	70	73	80	71	69	64	57	66	58	58	64	61	70
	MIN	48	47	46	52	61	61	63	64	58	61	58	65	56	56	60	49	47	50	54	44	40	49	42	43	42	51	33	32	47	58	54
ANNAPOLIS U S N ACADEMY	MAX	72	70	69	71	74	73	72	76	78	79	80	70	65	69	64	62	63	68	70	72	79	88	65	62	65	54	58	61	61	68	
	MIN	49	56	54	58	63	64	66	67	65	66	68	66	56	60	56	53	56	58	56	51	58	52	54	37	50	45	44	47	58	54	
BALTIMORE WB AIRPORT	MAX	75	73	71	76	77	71	74	83	85	87	87	84	70	66	72	68	61	64	70	73	79	78	70	65	59	60	55	58	65	63	
	MIN	54	52	50	58	64	63	65	66	63	65	65	65	58	58	60	54	49	55	58	54	51	56	54	52	48	51	41	38	47	58	
BALTIMORE WB CITY	MAX	74	71	70	77	78	71	76	82	85	87	87	84	69	65	71	68	62	66	69	74	81	79	71	66	59	67	56	58	65	70	
	MIN	54	52	50	59	65	63	67	67	65	66	65	65	58	59	60	56	51	57	59	56	53	59	53	53	47	51	44	41	49	54	
BALTIMORE HAMILTON	MAX	77	70	69	75	78	70	73	81	84	85	85	82	75	64	71	68	61	66	70	73	79	75	70	65	55	65	56	57	64	61	
	MIN	50	48	45	51	60	60	63	63	57	60	61	62	56	56	59	54	47	54	56	49	47	52	45	42	44	49	38	34	46	57	
BATTERY PARK	MAX	77	72	72	78	78	76	75	82	85	87	86	83	74	64	73	65	60	68	70	75	82	81	71	67	55	68	60	56	61	68	
	MIN	40	46	45	53	60	60	64	62	58	60	62	61	57	56	59	54	49	52	53	42	40	57	41	43	45	46	32	33	46	57	
BELTSVILLE	MAX	56	75	71	71	76	79	76	76	83	84	85	85	83	61	64	72	66	60	67	68	74	81	80	70	67	54	66	59	63	61	
	MIN	38	42	40	47	59	61	63	59	62	56	54	60	57	55	57	55	44	50	55	43	36	42	42	39	46	45	31	29	39	48	
BELTSVILLE PLT IND STA1	MAX	67	77	71	71	77	78	74	75	82	84	86	85	83	62	64	72	66	60	65	67	74	81	80	70	66	54	66	59	63	61	
	MIN	37	43	41	47	59	61	63	59	54	55	54	58	57	54	57	54	45	52	54	44	36	45	46	40	45	45	31	29	42	52	
BELTSVILLE PLT IND STA2	MAX	67	77	72	72	77	79	75	76	82	84	85	85	82	62	64	73	66	61	66	68	73	82	80	70	66	54	66	60	57	63	
	MIN	38	42	40	47	57	60	65	58	54	55	53	54	58	52	59	54	44	53	55	42	35	44	42	39	45	46	29	29	45	54	
BELTSVILLE PLT IND STA3	MAX	67	76	71	71	77	78	74	75	83	84	86	85	83	62	64	73	65	60	66	68	73	82	80	70	66	53	68	59	56	62	
	MIN	38	45	45	49	60	61	64	60	64	60	57	57	62	58	55	59	54	48	52	55	46	38	47	48	43	46	33	31	44	53	
BELTSVILLE PLT IND STA4	MAX	67	77	73	72	77	79	75	75	82	85	85	83	62	64	74	65	66	60	67	68	74	82	80	70	67	53	66	59	56	63	
	MIN	42	49	48	51	60	60	64	62	57	61	60	62	57	55	59	54	48	53	55	49	43	53	49	48	45	45	34	34	45	53	
BELTSVILLE PLT IND STA5	MAX	68	76	71	71	77	80	74	75	81	85	85	84	82	62	64	73	65	61	67	68	74	81	80	70	67	54	67	59	56	63	
	MIN	35	41	39	46	57	59	65	57	54	55	53	54	57	55	59	54	41	53	54	40	34	42	39	37	45	46	28	28	43	54	
BELTSVILLE PLT IND STA6	MAX	67	75	70	71	78	78	75	74	81	84	85	85	83	61	63	72	65	61	66	67	73	81	80	70	65	54	68	58	55	61	
	MIN	42	41	47	50	60	60	64	60	55	59	58	61	52	54	58	54	48	54	54	41	39	49	47	43	43	44	34	31	43	53	
BENSON POLICE BRKS	MAX	74	64	70	74	77	71	71	79	83	85	84	82	74	66	69	67	63	61	68	71	81	73	70	62	58	66	62	57	62	68	
	MIN	45	40	39	46	57	56	59	59	53	54	55	55	51	50	55	49	39	49	52	44	40	45	39	40	39	44	30	27	41	52	
BENTLEY SPRINGS	MAX	74	70	68	75	78	69	74	80	82	86	84	82	77	67	66	67	62	65	70	80	77	68	61	51	64	60	57	60	61	67	
	MIN	40	41	40	46	60	57	62	61	54	57	55	55	53	53	58	48	42	49	51	43	39	48	47	40	42	47	27	27	46	53	
BLACKWATER	MAX	72	72	72	74	76	78	78	82	82	84	82	79	78	68	72	71	64	60	68	71	78	80	75	70	66	65	64	62	64	69	
	MIN	43	42	42	50	56	60	64	59	60	68	67	67	60	58	63	59	55	56	52	50	39	52	45	45	52	57	38	32	54	60	
BRIGHTON DAM	MAX	76	75	70	77	77	75	76	80	84	86	85	84	73	65	71	78	64	64	66	72	81	80	69	65	61	64	65	57	59	62	
	MIN	37	42	44	41	60	60	64	58	53	55	54	57	54	56	58	53	41	53	53	41	37	46	38	39	48	41	29	29	45	55	
BRIGHTWOOD DC	MAX	66	74	71	70	76	79	75	74	80	83	85	84	82	61	64	72	63	61	66	69	72	78	80	68	65	64	65	57	56	61	
	MIN	47	51	50	55	63	62	64	64	62	64	65	65	63	56	58	56	50	52	56	50	46	55	50	50	46	47	39	38	44	54	
BROOKSIDE MANOR	MAX	76	74	74	78	81	76	75	83	86	87	87	85	74	65	73	65	61	66	69	73	83	87	72	67	58	67	62	57	62	63	
	MIN	39	43	42	49	59	61	66	60	56	58	57	65	55	55	60	55	43	54	55	43	37	46	49	41	46	48	32	31	45	57	
CAMBRIDGE	MAX	75	75	76	79	81	81	82	85	86	88	87	79	70	69	74	67	64	62	70	73	79	82	79	62	65	59	61	62	70	65	
	MIN	42	43	42	50	57	62	64	62	61	62	61	63	55	59	56	51	53	50	46	39	52	54	48	48	54	35	31	52	53	57	
CHARLOTTE HALL	MAX	73	72	70	75	78	77	77	80	84	84	84	82	77	64	71	67	60	65	67	71	80	82	79	68	58	67	60	58	60	61	
	MIN	43	48	46	52	60	62	65	65	61	63	63	56	55	55	57	49	54	54	48	44	58	46	47	48	50	35	35	45	52	58	
CHELTENHAM	MAX	66	76	71	72	77	79	77	74	84	85	86	85	83	62	62	71	62	60	65	68	73	80	81	71	68	56	66	57	58	60	
	MIN	40	46	45	52	60	63	65	58	59	62	63	62	59	54	56	56	46	50	53	43	41	47	47	45	46	42	34	32	42	52	
CHESTERTOWN	MAX	77	72	75	77	76	72	78	81	84	86	87	83	71	64	71	68	63	60	70	73	81	74	70	65	58	67	59	61	64	63	
	MIN	46	49	46	54	60	61	64	61	60	63	64	65	57	56	60	49	48	54	52	47	45	53	48	47	46	46	38	35	49	58	
CHEWSVILLE BRIDGEPORT	MAX	75	70	69	72	77	70	76	81	85	85	85	84	76	62	67	66	68	68	72	78	77	70	63	54	65	58	58	57	62	64	
	MIN	37	40	42	53	62	59	64	57	54	57	62	59	53	46	57	46	40	49	44	38	39	51	40	43	41	39	28	30	46	51	
CLEAR SPRING	MAX	76	74	69	73	76	73	78	81	86	87	86	89	83	69	67	66	62	67	72	73	80	76	70	65	70	69	53	52	54	62	
	MIN	42	44	41	54	56	62	62	52	56	57	56	56	52	53	58	45	42	46	45	48	39	52	41	41	41	34	34	36	47	55	
COLEMAN	MAX	81	82	83	87	75	75	82	97	97	96	93	71	65	70	79	69	61	75	77	82	75	74	68	59	67	61	59	64	62	61	

# DAILY TEMPERATURES

MARYLAND AND DELAWARE

OCTOBER 1949

Table 5-Continued

Station	Day of month																															Average	
	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		
FALLSTON	MAX MIN	75 50	70 46	71 45	75 50	77 61	87 59	70 62	80 53	84 59	86 60	84 60	82 60	71 54	65 52	70 58	66 52	60 44	60 51	69 55	71 50	81 45	73 54	70 42	62 45	65 42	64 47	56 36	58 33	62 44	61 55	67 56	70.1 51.3
FORT GEO G MEADE	MAX MIN	74 34	72 39	69 37	74 45	75 57	74 59	74 63	80 56	81 51	82 54	82 52	80 56	79 53	65 57	71 53	61 43	60 51	66 47	72 41	79 33	76 41	78 37	73 36	61 43	64 38	62 26	58 26	60 45	59 55	67 55	70.7 46.7	
FREDERICK POLICE BRKS	MAX MIN	77 42	75 42	72 43	77 47	78 57	74 54	74 61	80 60	81 56	88 59	87 57	85 55	79 49	65 47	62 54	68 46	66 40	66 48	68 45	67 42	80 37	81 50	78 41	71 43	61 41	66 40	62 29	58 28	61 44	62 50	66 53	72.0 47.1
FREDERICK WB AIRPORT	MAX MIN	75 45	76 49	71 50	76 50	76 62	78 60	75 66	79 66	83 60	86 61	87 58	87 57	84 57	67 52	64 60	67 49	68 44	65 52	67 40	72 50	80 42	81 50	79 43	71 43	64 41	63 40	57 29	59 28	56 44	61 50	65 53	72.2 50.4
FRIENDSVILLE	MAX MIN	69 42	70 43	71 46	55 50	68 57	65 62	78 63	81 72	81 54	84 60	83 58	72 46	65 41	63 50	58 44	64 46	67 44	68 45	75 34	78 35	78 43	67 39	62 38	52 41	50 40	51 22	58 32	64 49	64 45	56 54	67.1 45.0	
FROSTBURG	MAX MIN	69 38	68 39	68 41	67 50	70 57	78 54	77 59	82 59	81 55	83 56	83 56	81 52	81 46	65 47	59 52	64 44	66 45	66 34	75 35	78 43	69 51	65 34	57 47	57 37	58 38	55 25	61 30	57 47	59 50	56 45	66.6 45.5	
GERMANTOWN	MAX MIN	77 45	70 49	74 51	76 62	71 60	68 62	77 80	84 82	85 81	83 81	83 81	74 59	71 55	69 55	67 50	68 48	68 45	80 45	81 52	70 40	70 42	67 43	61 43	66 45	66 35	59 34	56 35	61 46	60 54	67 56	71.5 51.6	
GLENN DALE BELL STA	MAX MIN	77 37	73 44	73 42	78 47	82 60	76 59	75 64	85 54	85 56	87 59	87 54	83 56	80 54	66 58	67 55	62 48	67 45	69 45	75 40	83 35	80 45	71 49	69 48	60 46	68 29	63 28	59 28	63 45	63 56	65 59	73.2 49.4	
GRASONVILLE	MAX MIN	73 45	74 45	74 43	76 53	78 60	78 61	79 63	85 62	85 60	83 65	82 66	75 66	68 53	66 60	67 55	64 48	62 55	69 51	70 51	79 41	72 58	70 51	66 44	59 45	67 51	68 43	60 35	62 48	62 55	71.5 53.0		
GREAT FALLS	MAX MIN	78 42	73 45	75 46	80 49	79 62	78 60	78 62	83 62	87 58	87 57	86 58	89 59	86 56	76 54	68 56	68 49	69 45	75 44	80 45	83 43	84 44	73 44	70 44	76 42	72 32	69 34	59 30	60 40	69 46	76.5 49.7		
GREENBELT	MAX MIN	68 39	77 44	73 42	72 46	78 54	80 60	78 62	76 60	83 54	84 58	86 59	86 58	83 55	65 56	67 55	67 48	68 45	70 45	76 38	82 46	80 45	70 48	68 43	63 45	68 45	68 29	59 28	57 45	62 52	63 56	71.8 49.0	
GROSVENOR LANE	MAX MIN	74 39	71 43	70 43	77 48	78 60	76 59	74 64	81 60	85 55	85 58	84 57	84 59	81 56	64 53	63 53	65 43	67 51	72 53	74 42	82 38	80 49	70 41	68 42	65 45	64 31	64 30	62 46	61 41	68 46	72.4 49.1		
HAGERSTOWN	MAX MIN	75 41	71 45	69 48	72 55	76 62	72 59	76 60	84 61	86 66	86 61	85 60	85 58	84 53	65 56	65 56	65 48	65 46	69 46	72 44	79 59	78 44	72 59	63 47	55 43	65 40	57 36	57 40	61 47	61 54	70.4 50.5		
HANCOCK FRUIT LAB	MAX MIN	68 35	75 39	72 32	70 46	74 55	76 55	67 63	82 57	86 55	88 52	88 50	88 51	88 45	64 52	61 44	67 38	61 34	68 32	68 35	78 41	78 36	72 43	63 37	48 37	65 25	59 26	58 32	59 47	61 53	70.6 43.9		
HUNTINGTOWN	MAX MIN	73 43	73 50	72 45	76 56	72 62	76 63	75 65	82 63	85 65	84 64	82 63	73 56	63 56	67 61	67 56	60 52	65 52	66 55	72 46	81 45	80 59	70 48	68 48	58 50	59 36	60 37	60 48	60 58	71.4 53.8			
KREDSYVILLE	MAX MIN	74 36	73 41	73 46	76 55	78 61	72 64	80 61	83 66	88 58	90 57	89 58	89 56	88 48	63 58	63 58	71 45	73 39	73 42	76 35	83 35	81 36	76 38	71 38	54 42	68 27	64 30	58 46	58 53	67 53	73.2 48.1		
LA PLATA	MAX MIN	77 45	72 46	75 46	82 56	81 58	78 66	78 66	86 86	87 86	89 86	89 86	86 86	68 46	68 56	66 46	66 46	68 46	74 46	84 40	82 46	82 48	63 46	69 46	69 32	68 32	58 46	64 57	64 58	71.3 51.3			
LAUREL	MAX MIN	77 49	75 56	75 49	76 50	77 60	74 61	74 64	85 61	85 64	84 62	81 62	79 56	63 55	67 66	64 54	62 47	67 53	73 55	81 51	82 48	81 48	77 53	65 45	62 45	62 37	69 30	69 46	63 57	73.1 53.5			
LEONARDTOWN	MAX MIN	75 45	72 46	73 44	78 48	80 61	79 65	78 68	84 66	85 65	86 65	84 65	79 56	65 52	68 58	62 51	68 54	67 47	68 54	81 40	82 58	77 49	71 42	62 44	58 31	62 42	68 30	64 46	61 55	71 55	73.2 53.5		
LISBON	MAX MIN	76 49	73 45	71 47	77 49	79 59	73 64	73 64	82 61	86 57	87 56	85 55	73 52	65 48	70 58	67 54	59 42	65 53	66 53	71 42	82 49	80 49	66 44	63 42	53 31	64 42	57 30	59 40	60 55	66 55	70.5 49.2		
MILLINGTON	MAX MIN	77 42	75 44	75 43	80 50	79 58	73 61	75 64	78 57	88 60	85 63	85 62	75 59	65 57	71 60	65 55	67 46	67 53	74 53	85 39	77 52	74 42	66 42	59 46	61 53	64 35	64 30	64 51	64 57	72.3 51.8			
NATIONAL ARBORETUM DC	MAX MIN	78 43	77 46	74 44	80 52	81 61	77 65	84 65	85 68	87 62	85 62	83 53	65 53	73 60	65 55	71 47	65 54	69 45	72 41	82 53	82 50	77 46	71 46	69 48	67 35	68 33	62 46	62 48	69 57	74.6 52.3			
NEW GERMANY	MAX MIN	60 30	70 33	68 35	68 38	68 55	71 55	64 56	79 54	83 55	83 56	82 57	77 44	67 45	60 45	56 46	64 46	62 45	65 30	71 33	78 36	67 36	62 37	54 38	48 27	54 25	55 46	66 48	66 58	68 48	66.4 42.1		
OAKLAND	MAX MIN	70 28	68 33	73 30	67 49	66 55	81 56	80 59	83 47	83 50	80 51	63 47	63 51	63 54	62 47	59 47	68 45	62 47	69 27	73 30	79 48	73 37	63 37	58 38	57 41	67 18	63 26	60 50	65 41	70.5 41.9			
OCEAN CITY	MAX MIN	73 51	77 58	78 63	79 64	76 64	80 67	80 66	79 61	81 66	87 66	80 67	79 62	68 62	68 58	65 51	66 55	60 43	69 55	70 40	71 52	72 52	72 56	66 45	66 45	64 39	64 28	69 30	66 48	72.0 58.2			
OWINGS FERRY LANDING	MAX MIN	75 43	71 45	71 44	77 52	82 60	78 63	75 64	84 61	85 61	87 63	87 63	83 55	75 53	70 56	67 56	66 52	67 46	72 43	82 46	82 56	82 46	68 46	58 49	68 36	61 35	59 28	60 30	60 48	71 57	72.1 52.3		
OXFORD	MAX MIN	72 50	73 52	72 50	76 56	77 61	74 62	80 64	81 63	82 65	83 66	78 66	74 56	64 54	69 61	63 56	63 52	66 55	70 45	80 58	74 45	68 53	64 50	62 47	58 42	59 38	60 51	61 48	65 57	70.5 55.2			
PICARDY	MAX MIN	73 39	70 39	70 45	73 52	72 60	68 57	80 62	81 61	86 58	87 60	85 59	88 58	71 48	62 44	59 45	66 44	67 43	68 47	81 59	72 49	72 49	63 49	52 39	49 28	50 30	58 48	60 38	60 47	64 51	69.9 47.6		
PIKESVILLE POLICE BRKS	MAX MIN	71 49	69 47	66 52	73 61	78 59	76 63	74 64	82 61	83 61	83 61	79 58	72 54	65 49	68 43	60 47	63 47	69 52	73 50	76 48	76 51	48 48	57 43	64 35	62 28	55 34	61 45	62 55	69.7 52.0				
POCOMOKE CITY	MAX MIN	80 40	83 42	76 46	80 51	82 55	82 62	85 58	84 59	84 59	85 59	84 58	73 58	69 56	65 57	63 57	65 54	66 50	75 47	78 49	79 49	74 39	77 49	72 57	65 45	68 30	66 53	65 57	78 57	75.2 51.8			
PRESTON	MAX MIN	76 42	72 44	76 48	78 54	81 55	80 64	82 59	85 64	87 59	87 60	84 62	82 59	74 54	68 50	63 42	61 49	68 50	74 43	82 50	80 43	74 41	71 48	68 35	66 30	68 30	64 33	63 58	63 58	73 58	74.5 51.1		
PRETTYBOY DAM	MAX MIN	75 41	75 45	75 50	78 50	70 59	80 62	75 64	83 60	85 62	83 60	82 60	74 54	67 49	68 57	68 43	62 51	67 49	70 49	80 49	76 49	67 49	61 49	55 42	56 35	58 42	60 45	60 55	65 55	70.3 51.6			
PRINCESS ANNE	MAX MIN	75 39	71 39	75 42	80 46	78 53	80 65	81 65	83 57	82 55	84 58	84 58	77 57	74 63	67 57	65 50	62 48	63 44	72 45	76 46	79 46	73 46	66 46	65 46	62 28	68 55	64 4						

# DAILY TEMPERATURES

MARYLAND AND DELAWARE

OCTOBER 1949

Table 5-Continued

Station	Day of month																															Average
	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	
SALISBURY	MAX	76	73	67	79	80	78	85	83	83	84	84	81	78	71	71	68	64	63	62	71	79	78	75	72	65	67	64	68	65	65	71
	MIN	44	44	44	44	58	60	65	60	59	63	62	61	59	59	63	58	57	50	49	52	38	48	44	42	51	46	37	30	56	60	
SALISBURY POL BRKS	MAX	75	72	76	80	80	80	85	84	85	85	82	76	70	69	67	64	62	62	72	82	77	79	74	74	68	62	68	62	65	74	
	MIN	42	42	44	47	56	59	63	58	56	60	59	59	57	57	61	56	54	54	47	49	36	49	42	40	49	54	34	28	52	57	
SALISBURY MUNICIPAL A P	MAX	73	69	73	79	79	78	81	85	83	84	84	80	68	71	67	63	64	61	61	70	78	68	72	65	65	58	66	63	64	74	
	MIN	28	33	33	50	55	55	53	50	48	46	46	46	46	50	48	44	48	33	30	29	33	40	32	34	40	28	21	28	44	42	
SINES DEEP CREEK	MAX	60	69	68	68	68	66	68	76	79	83	84	83	65	63	60	64	61	67	68	71	78	69	61	55	46	55	57	62	62	54	
	MIN	28	33	33	50	55	55	53	50	48	46	46	46	50	48	44	48	33	30	29	33	40	32	34	40	28	21	28	44	42		
SOLOMONS	MAX	76	73	73	77	80	78	78	81	89	85	84	82	75	69	69	67	62	62	66	70	79	81	75	70	62	68	60	61	62	70	
	MIN	33	55	54	59	62	65	68	65	64	67	66	65	59	57	63	59	57	58	57	53	50	59	54	51	53	55	47	45	54	59	
TAKOMA PARK MISS AVE	MAX	75	73	77	77	79	77	74	82	84	85	85	84	72	64	72	65	60	66	69	73	82	78	68	65	56	65	59	56	61	62	
	MIN	42	45	45	50	60	60	65	61	58	61	60	61	57	55	60	55	45	54	55	46	41	51	46	46	45	47	34	33	46	57	
TONOLOWAY	MAX	76	72	71	72	75	69	80	80	87	88	87	88	76	63	61	69	65	70	70	77	82	77	72	64	54	65	61	59	61	66	
	MIN	35	41	45	50	59	56	61	63	58	56	53	52	55	45	57	45	39	44	32	32	31	49	35	35	41	38	26	29	28	29	
TOWSON	MAX	77	71	71	77	78				88	88	84	79	67	72	69	64	65	70	72	83	77	73	65	61	66	62	57	63	68		
	MIN	44	44	41	48	60	59	62		58	59	61	54	53	57	52	45	52	53	46	37	54	42	42	42	47	34	29	45	55		
UNIONVILLE	MAX	74	75	67	73	73	76	70	83	86	88	87	84	68	65	62	71	57	68	68	75	82	78	67	66	51	66	60	57	54	60	
	MIN	36	40	49	48	61	60	64	60	55	56	54	59	48	47	54	47	38	50	51	37	36	47	37	37	43	41	27	28	46	53	
U S SOLDIERS HOME D C	MAX	68	77	73	73	77	80	77	75	82	84	85	85	83	61	65	74	65	62	68	69	75	81	81	70	68	54	67	59	57	62	
	MIN	44	50	49	55	61	59	62	62	61	63	63	63	57	54	56	53	48	50	54	48	44	55	47	48	45	45	35	37	45	52	
VIENNA	MAX	76	74	74	77	82	84	82	81	82	84	83	79	73	67	71	66	63	61	66	73	80	76	75	73	73	72	76	66	64	72	
	MIN	44	44	45	52	60	61	66	64	60	67	66	65	59	57	62	56	51	51	50	51	39	54	46	43	50	56	35	32	55	58	
WALDORF POLICE BRKS	MAX	76	74	79	79	81	81	72	78	81	82	87	87	76	63	68	69	61	68	62	69	78	78	67	66	64	68	65	75	61	66	
	MIN	36	41	39	46	59	59	62	55	53	57	59	58	52	50	57	52	40	40	39	34	48	42	39	43	46	29	28	44	54	55	
WASHINGTON WB CITY DC	MAX	79	74	73	79	82	79	76	85	86	88	86	84	89	65	74	67	62	67	69	76	83	82	72	67	56	67	60	58	61	62	
	MIN	49	51	50	57	63	64	68	65	63	65	65	65	57	58	61	55	51	57	53	50	45	58	52	49	48	49	40	39	49	53	
WATERLOO POLICE BRKS	MAX	77	74	72	77	78	75	75	82	85	86	85	82	79	64	67	71	66	63	68	70	82	73	70	65	61	67	65	60	65	72	
	MIN	40	45	45	49	60	61	64	60	57	57	56	55	51	55	59	54	43	54	54	51	40	47	43	44	48	48	30	31	45	57	
WEST LANHAM HILLS	MAX	78	72	73	79	82	77	75	85	85	87	86	84	73	66	74	66	61	70	70	76	82									71	
	MIN	41	45	42	52	61	60	65	60	59	60	62	61	54	54	60	55	45	52	51	44	40									57	
WESTERN PORT	MAX	79	72	75	74	72	67	82	88	89	92	92	89	74	69	74	69	71	77	83	86	75	74	64	55	67	64	60	64	59	58	
	MIN	36	41	44	42	52	58	62	60	58	55	53	52	52	53	56	51	47	51	34	34	38	54	36	43	42	41	28	31	49	53	
WESTMINSTER	MAX	75	70	70	75	78	72	75	81	84	86	85	83	76	64	66	67	58	64	63	72	80	76	67	64	58	64	58	60	66	70	
	MIN	51	48	51	52	61	58	63	64	58	60	60	60	54	48	58	46	43	50	52	44	43	54	42	47	43	45	30	35	46	55	
WHALEYSVILLE	MAX	75	70	73	77	84	77	80	83	84	86	84	81	69	72	67	64	64	62	61	70	79	80	74	72	64	65	64	67	64	72	
	MIN	37	48	40	43	51	55	58	56	56	64	62	62	60	59	63	58	58	44	48	51	35	47	41	39	49	48	34	27	55	58	
WHITE HALL	MAX	67	64	62	69	72	64	68	78	75	77	76	76	60	61	64	60	54	58	62	76	76	72	66	57	50	60	56	53	58	57	
	MIN	36	40	36	44	58	57	61	58	52	53	52	52	47	46	54	47	36	47	50	46	36	44	38	38	44	46	30	26	46	53	
WOODSTOCK COLLEGE	MAX	77	70	69	77	78	70	76	81	86	87	86	83	74	65	71	65	60	63	67	79	80	77	68	63	55	64	55	62	69		
	MIN	40	40	41	47	61	61	65	62	54	55	54	58	56	54	59	52	43	52	54	45	38	40	41	39	44	47	30	29	42	56	
DELAWARE																																
BRIDGEVILLE	MAX	70	71	74	77	80	76	81	85	84	86	85	82	71	67	70	66	63	61	63	70	81	80	71	71	58	65	57	62	62	72	
	MIN	42	42	43	47	56	58	63	56	57	63	62	61	67	56	60	56	50	50	49	49	35	47	47	39	49	48	35	27	54	57	
DELAWARE CITY REEDY PT	MAX	73	71	69	75	76	75	69	76	82	84	84	83	80	66	69	68	65	62	65	71	78	76	67	65	65	65	64	60	65	70	
	MIN	46	47	48	52	60	62	61	62		56	62	56	55	58	54	48	53						42	47	44	50	33	49	55	57	
DOVER	MAX	73	69	70	77	76	74	72	80	82	85	86	82	79	65	68	63	62	61	65	70	80	79	71	65	60	64	62	63	64	70	
	MIN	42	46	48	52	60	64	66	64	66	64	58	64	63	57	56	60	53	51	50	50	52	44	51	47	46	47	36	31	50	60	
GEORGETOWN	MAX	76	70	75	78	79	77	80	83	82	84	83	81	71	65	68	66	63	61	61	68	78	81	73	70	61	65	68	65	64	71	
	MIN	39	40	42	45	56	58	64	57	57	63	62	62	57	57	60	56	55	48	48	50	37	50	40	51	36	28	28	55	58		
LEWES	MAX	71	70	72	78	79	73	75	83	85	86	86	82	70	66	67	65	64	62	61	65	79	81	73	62	63	63	54	64	63	74	
	MIN	46	43	46	48	60	61	65	61	60	65	65	65	60	64	64	59	59	50	53	49	39	53	45	43	54	40	28	56	59		
MILFORD	MAX	73	70	72	79	78	72	76	85	85	87	86	82	73	64	67	64	61	62	70	81	81	72	68	63	64	62	64	68	65	71	
	MIN	44	44	47	48	59	63	65	68	61	66	65	64	53	56	61	57	54	49	50	39	50	46	45	51							

# STATION INDEX

MARYLAND AND DELAWARE

OCTOBER 1949

Station	Index No.	County	Drainage	Latitude	Longitude	Elev. (ft.)	Time of observation			Years of record			Observer	Refer to tables
							Zone	Temp.	Precip.	Temp.	Precip.	Evap.		
<b>DELAWARE</b>														
BRIDGEVILLE	1330	SUSSEX	CHESAPEAKE	38 44	75 38	45	EST	6P	6P	59	59		W M RAY	2 3 5
DELAWARE CITY REEDY POINT	2625	NEW CASTLE	COASTAL	39 34	75 35	10	EST	4P	4P	63	63		J E MADEN	2 3 5
DOVER	2730	KENT	COASTAL	39 10	75 32	34	EST	4P	4P	62	62		F J BOWERY	2 3 5
GROGETOWN	3570	SUSSEX	CHESAPEAKE	38 39	75 27	50	EST	6P	6P	4	4		E F TURNER	2 3 5
LEWES	5320	SUSSEX	COASTAL	38 46	75 08	10	EST	6P	6P	5	5		E E LYNN	2 3 5
MILFORD	5915	SUSSEX	COASTAL	38 55	75 25	20	EST	6P	6P	54	54		L G MARKERT	2 3 5
MILLSBORO	6020	SUSSEX	COASTAL	38 35	75 19	20	EST	6P	6P	57	57		P C TOWNSEND	2 3 5
NEWARK PUMPING STATION	6405	NEW CASTLE	COASTAL	39 40	75 45	110	EST		MID		18		CLOSED 8/49	3
NEWARK COLLEGE FARM	6410	NEW CASTLE	COASTAL	39 39	75 46	110	EST	6P	6P	37	37		FRED COLLINS	2 3 5
SMYRNA	8510	KENT	COASTAL	39 15	75 36	45	EST	6P	6P	2	2		C M EWING	2 3 5
WILMINGTON WB NEW CASTLE	9595	NEW CASTLE	COASTAL	39 40	75 36	73	EST	MID	MID	2	2		U S WEATHER BUREAU	2 3 4 5
WILMINGTON CITY HALL	9600	NEW CASTLE	COASTAL	39 45	75 33	99	EST				56		STREET DEPARTMENT	3
WILMINGTON PORTER RESERVOIR	9605	NEW CASTLE	COASTAL	39 46	75 32	260	EST	MID	MID	38	38		WATER DEPARTMENT	2 3 5
<b>DISTRICT OF COLUMBIA</b>														
BRIGHTWOOD	1135		POTOMAC	38 57	77 01	260	EST	8A		3	3		BENJ C CRUCKSHANKS	2 5
DALECARLIA RESERVOIR	2325		POTOMAC	38 56	77 07	146	EST	3P	3P	4	4		JAMES L KERRICK	2 3 5
NATIONAL ARBORETUM	6350		POTOMAC	38 54	76 58	70	EST	3P	3P	4	4		JAMES R HARLOW	2 3 5
U S SOLDIERS HOME	9035		POTOMAC	38 56	77 01	230	EST	7A	7A	5	5		R C PRATT	2 3 5
WASHINGTON WB CITY	9290		POTOMAC	38 54	77 03	72	EST	MID	MID	79	79		U S WEATHER BUREAU	2 3 4 5
<b>MARYLAND</b>														
ABERDEEN PHILLIPS FIELD	0015	HARFORD	CHESAPEAKE	39 28	76 10	62	EST	MID	MID	31	31		U S AIR FORCE	2 3 5
ANNAPOLIS U S NAVAL ACADEMY	0185	ANNE ARUNDEL	CHESAPEAKE	38 59	76 29	40	EST	MID	MID	84	84		U S NAVY	2 3 4 5
BALTIMORE WB AIRPORT	0465	BALTIMORE	CHESAPEAKE	39 15	76 32	16	EST	MID	MID	15	15		U S WEATHER BUREAU	2 3 4 5
BALTIMORE WB CITY	0470	BALTIMORE	CHESAPEAKE	39 17	76 37	14	EST	MID	MID	79	79		U S WEATHER BUREAU	2 3 4 5
BALTIMORE HAMILTON	0475	BALTIMORE	CHESAPEAKE	39 22	76 33	355	EST	6P	6P	2	2		R G BAUER JR	2 3 5
BATTERY PARK	0565	MONTGOMERY	POTOMAC	39 00	77 07	338	EST	5P	5P	4	4		RAY K LINSLEY	2 3 5
BELTSVILLE	0700	PRINCE GEORGES	POTOMAC	39 02	76 53	120	EST	9A	9A	12	12		J B SHEPHERD	2 3 4 5 6
BELTSVILLE PLT IND STA NO 1	0701	PRINCE GEORGES	POTOMAC	39 02	76 56	160	EST	9A	9A				H P SEVY	2 3 5
BELTSVILLE PLT IND STA NO 2	0702	PRINCE GEORGES	POTOMAC	39 02	76 56	136	EST	9A	9A				H P SEVY	2 3 5
BELTSVILLE PLT IND STA NO 3	0703	PRINCE GEORGES	POTOMAC	39 02	76 56	200	EST	9A	9A				H P SEVY	2 3 5
BELTSVILLE PLT IND STA NO 4	0704	PRINCE GEORGES	POTOMAC	39 02	76 56	265	EST	9A	9A				H P SEVY	2 3 5
BELTSVILLE PLT IND STA NO 5	0705	PRINCE GEORGES	POTOMAC	39 01	76 57	100	EST	9A	9A				H P SEVY	2 3 4 5
BELTSVILLE PLT IND STA NO 6	0706	PRINCE GEORGES	POTOMAC	39 01	76 57	215	EST	9A	9A				H P SEVY	2 3 5
BENSON POLICE BARRACKS	0732	HARFORD	CHESAPEAKE	39 30	76 23	365	EST	5P	5P	2	2		MD STATE POLICE	2 3 5
BETHESDA	0795	MONTGOMERY	POTOMAC	38 58	77 07	220	EST		MID		5		U S ENGINEERS	3 4
BLACKWATER	0915	DORCHESTER	CHESAPEAKE	38 26	76 08	5	EST	4P	4P	9	9		NATL WILDLIFE REFUGE	2 3 5
BRIGHTON DAM	1125	MONTGOMERY	PATUXENT	39 13	77 02	350	EST		5P		4		FRED S GILPIN	2 3 5
BROOKDALE	1170	MONTGOMERY	POTOMAC	38 57	77 06	260	EST		7P		4		B FRANCIS DASHIELL	3
BROOKSIDE MANOR	1180	PRINCE GEORGES	POTOMAC	38 58	76 58	50	EST	6P	6P	4	4		RALPH HIGGS	2 3 5
BURNT MILLS RESERVOIR	1278	MONTGOMERY	POTOMAC	39 02	77 00	220	EST		8A		4		J M JESTER	3
CAMBRIDGE	1385	DORCHESTER	CHESAPEAKE	38 34	76 09	15	EST	6P	6P	55	55		D ARCY HARDING	2 3 5
CHARLOTTE HALL	1685	ST MARYS	PATUXENT	38 28	76 44	167	EST	6P	6P	28	28		J B TENNYSON	2 3 5
CHELTENHAM	1710	PRINCE GEORGES	PATUXENT	38 44	76 51	230	EST	7A	7A	49	49		U S MAGNETIC OBS	2 3 5
CHESTERTOWN	1750	KENT	CHESAPEAKE	39 13	76 04	35	EST	11P	11P	44	44		T W ELIASON JR	2 3 5
CHEWSVILLE BRIDGEPORT	1790	WASHINGTON	POTOMAC	39 38	77 41	560	EST	SS	SS	52	52		D PAUL OSWALD	2 3 5
CLEAR SPRING	1890	WASHINGTON	POTOMAC	39 40	77 54	560	EST	6P	6P	50	50		MRS L A COHILL	2 3 5
COCKEYSVILLE	1960	BALTIMORE	CHESAPEAKE	39 27	76 38	420	EST		MID		2		D M PARKS	3 4
COLEMAN	1990	KENT	CHESAPEAKE	38 21	76 07	80	EST	SS	SS	52	52		W B HARRIS	2 3 5
COLLEGE PARK UNIV OF MD	1995	PRINCE GEORGES	POTOMAC	38 59	76 56	95	EST	6P	6P	63	63		R G BROWN	2 3 5
CONOWINGO DAM	2060	HARFORD	SUSQUEHANNA	39 39	76 10	40	EST	MID	MID	14	14		SUSQUEHANNA ELSC CO	2 3 5
CONOWINGO POLICE BARRACKS	2065	HARFORD	SUSQUEHANNA	39 39	76 11	195	EST	5P	5P	2	2		MD STATE POLICE	2 3 5
CRISFIELD	2205	SOMERSET	CHESAPEAKE	37 59	75 51	5	EST	5P	5P	30	30		G C ADAMS SR	2 3 5
CUMBERLAND	2280	ALLEGANY	POTOMAC	39 39	78 45	623	EST	6P	6P	79	79		R R GOLDEN	2 3 5
CUMBERLAND POLICE BARRACKS	2285	ALLEGANY	POTOMAC	39 39	78 49	880	EST	6P	6P	2	2		MD STATE POLICE	2 3 5
DISTRICT HEIGHTS	2585	PRINCE GEORGES	POTOMAC	38 51	76 54	272	EST	6P	6P	4	4		J P KOHLER	2 3 5
DUNDALK	2660	BALTIMORE	CHESAPEAKE	39 16	76 31	28	EST	6P	6P				FRANK YOST	2 3 5
EASTON POLICE BARRACKS	2700	TALBOT	CHESAPEAKE	38 46	76 01	60	EST	5P	5P	59	59		MD STATE POLICE	2 3 5
EDGEMONT	2770	WASHINGTON	POTOMAC	39 40	77 33	920	EST		8A		11		LEE G HARNE	2 3 5
ELKTON	2860	CECIL	CHESAPEAKE	39 36	75 50	28	EST	6P	6P	23	23		H W BOUCHELLE	2 3 5
EMMITSBURG	2905	FREDERICK	POTOMAC	39 41	77 21	720	EST	5P	5P	83	83		MT ST MARYS SEMINARY	2 3 5
FALLSTON	3050	HARFORD	CHESAPEAKE	39 31	76 25	450	EST	6P	6P	80	80		MISS ETHEL CURTISS	2 3 5
FORT GEORGE G MEADE	3230	ANNE ARUNDEL	PATUXENT	39 07	76 46	195	EST	MID	6P	8	8		U S ARMY	2 3 5
FREDERICK	3345	FREDERICK	POTOMAC	39 25	77 25	297	EST	5P	5P	80	80		D J MARKEY JR	CLOSED
FREDERICK POLICE BARRACKS	3348	FREDERICK	POTOMAC	39 25	77 25	390	EST	5P	5P	2	2		MD STATE POLICE	2 3 5
FREDERICK WB AIRPORT	3350	FREDERICK	POTOMAC	39 25	77 23	294	EST	10P	10P	6	6		U S WEATHER BUREAU	2 3 5
FREDERICK 3 MI E	3355	FREDERICK	POTOMAC	39 24	77 22	385	EST		8A		1		GLENN R STALEY	3
FRIENDSVILLE	3400	GARRETT	YOUGHIOGENY	39 37	79 28	2288	EST	6P	6P	27	27		HARRY N SAVAGE	2 3 5
FROSTBURG	3410	ALLEGANY	POTOMAC	39 39	78 56	2100	EST	6P	6P	48	48		C A SUTER JR	2 3 5
GERMANTOWN	3585	MONTGOMERY	POTOMAC	39 10	77 17	460	EST	6P	6P	29	29		R F STALEY	2 3 5
GLEN ECHO	3645	MONTGOMERY	POTOMAC	38 58	77 09	150	EST		MID		5		U S ENGINEERS	3 4
GLENN DALE BELL STATION	3675	PRINCE GEORGES	PATUXENT	38 58	76 48	151	EST	4P	4P	29	29		BUREAU PLANT INDUSTRY	2 3 5
GRANTSVILLE	3795	GARRETT	OHIO	39 42	79 09	2300	EST		MID		7		MARY R BITTINGER	3 4
GRASONVILLE	3805	QUEEN ANNES	CHESAPEAKE	38 58	76 13	8	EST	5P	5P	2	2		MISS CAROLYN COURSEY	2 3 5
GREAT FALLS	3855	MONTGOMERY	POTOMAC	39 00	77 15	200	EST	5P	8A	61	61		U S ENGINEERS	2 3 5
GREENBELT	3860	PRINCE GEORGES	POTOMAC	39 01	76 52	200	EST	8A	8A	1	1		WILLIAM H KLINE	2 3 5
GROSVENOR LANE	3930	MONTGOMERY	POTOMAC	39 01	77 09	330	EST	6P	6P	3	3		A F MAGRUM	2 3 5
HAGERSTOWN	3975	WASHINGTON	POTOMAC	39 75	77 44	660	EST	6P	6P	8	8		WILLIAM M HAMBY	2 3 5
HANCOCK FRUIT LABORATORY	4030	WASHINGTON	POTOMAC	39 42	78 11	428	EST	8A	8A	16	16		CHARLES O DUNBAR	2 3 5
HUNTINGTOWN	4485	CALVERT	CHESAPEAKE	38 37	76 37	160	EST	6P	6P	14	14		ELMER O BOWEN	2 3 5
KEDYSVILLE	4780	WASHINGTON	POTOMAC	39 29	77 42	420	EST	6P	6P	46	46		TRAVIS D KNOBE	2 3 5
LA PLATA	5080	CHARLES	POTOMAC	38 32	76 58	190	EST	5P	5P	35	35		MILTON M SOMERS	2 3 5
LEONARDTOWN	5200	ST MARYS	POTOMAC	38 18	76 38	100	EST	5P	5P	15	15		THOMAS E STOKEL	2 3 5
LUKE	5530	ALLEGANY	POTOMAC	39 29	79 03	950	EST		8A		12		J G PATRICK	3 4
MILLINGTON	5985	KENT	CHESAPEAKE	39 15	75 50	27	EST	SS	SS	52	52		HENRY L HIGHMAN	2 3 5
OAKLAND	6620	GARRETT	MONONGAHELA	39 24	79 24	2420	EST	5P	5P	52	52		R E WEBER	2 3 4 5
OWINGS FERRY LANDING	6770	CALVERT	CHESAPEAKE	38 41	76 41	120	EST	7P	7P	33	33		THOMAS J BOURNE	2 3 5
OXFORD	6785	TALBOT	CHESAPEAKE	38 42	76 10	10	EST	5P	5P	13	13		HENRY WILCOX</	

# STATION INDEX

MARYLAND AND DELAWARE

OCTOBER 1949

Continued

Station	Index No.	County	Drainage	Latitude	Longitude	Elev. (ft.)	Time of observation			Years of record			Observer	Refer to tables
							Zone	Temp.	Precip.	Temp.	Precip.	Evap.		
PIKESVILLE POLICE BARRACKS	7015	BALTIMORE	PATAPSCO	39 22	76 43	485	EST	5P	5P	2	2	MD STATE POLICE	2 3 5	
POCOMAKE CITY	7140	WORCESTER	CHESAPEAKE	38 04	75 34	15	EST	5P	5P	21	21	RAYMOND PHILLIPS	2 3 5	
PRESTON	7310	CAROLINE	CHESAPEAKE	38 43	75 55	48	EST	5P	5P			MRS GERTRUDE K. WILLEY	2 3 5	
PRETTY BOY DAM	7315	BALTIMORE	CHESAPEAKE	39 38	76 42	780	EST	5P	5P	19	19	C W HENDRICKS	2 3 5	
PRINCESS ANNE	7330	SOMERSET	CHESAPEAKE	38 12	75 40	17	EST	5P	5P	50	50	GLENN R BELLINGER	2 3 5	
RANDALLSTOWN POLICE BARRACKS	7435	BALTIMORE	PATAPSCO	39 23	76 50	625	EST	5P	5P	2	2	MD STATE POLICE	2 3 5	
RIDGELY	7575	CAROLINE	CHESAPEAKE	38 57	75 53	67	EST	6P	6P	59	59	J K SNOWBERGER	2 3 5	
RIVERDALE	7615	PRINCE GEORGES	POTOMAC	38 58	76 56	45	EST	6P	6P	4	4	R T ZOCH	2 3 5	
ROCK CREEK FOREST	7690	MONTGOMERY	POTOMAC	39 00	77 04	200	EST	6P	6P	4	4	CHARLES O SCHICK	3	
ROCK HALL	7700	KENT	CHESAPEAKE	39 08	76 14	15	EST	6P	6P	36	36	EDWIN URLE	2 3 5	
ROCKVILLE	7705	MONTGOMERY	POTOMAC	39 05	77 09	440	EST	5P	5P	2	2	MONTGOMERY CO POLICE	2 3 5	
ROYAL OAK	7806	TALBOT	CHESAPEAKE	38 43	76 11	10	EST	5P	5P	2	2	J L SWAINE JR	2 3 5	
SALISBURY	8000	WICOMICO	CHESAPEAKE	38 22	75 36	10	EST	4P	4P	43	43	CITY OF SALISBURY	2 3 5	
SALISBURY POLICE BARRACKS	8003	WICOMICO	CHESAPEAKE	38 25	75 34	42	EST	5P	5P	2	2	MD STATE POLICE	2 3 5	
SALISBURY MUNICIPAL AIRPORT	8005	WICOMICO	CHESAPEAKE	38 20	75 30	46	EST	MID	MID	2	2	CIVIL AERO ADM	2 3 4 5	
SAVAGE RIVER DAM	8065	GARRETT	POTOMAC	39 30	79 08	1460	EST		8A			AWNA WILT	3	
SHARPTOWN	8210	WICOMICO	CHESAPEAKE	38 33	75 43	10	EST		MID		8	WALTER G MARN	3 4	
SINES DEEP CREEK	8315	GARRETT	TOUGHOGGENY	39 31	79 25	2030	EST	MID	MID	25	25	C R MAC MURRAY	2 3 4 5	
SNOW HILL	8380	WORCESTER	CHESAPEAKE	38 10	75 24	18	EST	5P	5P			ELLIOTT BROWN	2 3 5	
SOLOMONS	8405	CALVERT	CHESAPEAKE	38 19	76 27	20	EST	6P	6P	58	58	CHESAPEAKE BIOLOGICAL LAB	2 3 5	
TAKOMA PARK MISS AVE	8725	MONTGOMERY	POTOMAC	38 59	77 00	230	EST	7P	7P	5	5	O L HARVEY	2 3 5	
TONOLOWAY	8855	WASHINGTON	POTOMAC	39 40	78 15	550	EST	6P	6P	25	25	J H CLINGERMAN	2 3 5	
TOVSON	8877	BALTIMORE	PATAPSCO	39 24	76 36	415	EST	5P	5P		11	BALTIMORE CO POLICE	2 3 5	
UNIONVILLE	9030	FREDERICK	POTOMAC	39 28	77 11	450	EST	6P	6P	10	8	G P VON EIFF JR	2 3 4 5	
WALDORF POLICE BARRACKS	9195	CHARLES	POTOMAC	38 39	76 53	210	EST	5P	5P	2	2	MD STATE POLICE	2 3 5	
WATERLOO POLICE BARRACKS	9314	HOWARD	PATAPSCO	39 10	76 47	230	EST	5P	5P	2	2	MD STATE POLICE	2 3 5	
WEST LANHAM HILLS	9400	PRINCE GEORGES	POTOMAC	38 57	76 53	165	EST	6P	6P	2	2	LILBURN H SEMON	2 3 5	
WESTERN PORT	9405	ALLEGANY	POTOMAC	39 29	79 02	1000	EST	6P	6P	56	56	NORRIS BRUCE	2 3 5	
WESTMINSTER	9435	CARROLL	CHESAPEAKE	39 35	77 00	770	EST	6P	6P	40	40	H J MATHIAS	2 3 5	
WHALEYSVILLE	9497	WORCESTER	CHESAPEAKE	38 24	75 18	32	EST	5P	5P			R E WIMBROW	2 3 5	
WHITE HALL	9507	BALTIMORE	CHESAPEAKE	39 37	76 38	350	EST	MDT	5P		2	BLAINE MC COLLUM	2 3 5	
WILLIAMSPORT	9570	WASHINGTON	POTOMAC	39 37	77 51	360	EST		7A		11	R C WILLSON	3	
WILLIS SCHOOL FILTR PLANT	9579	PRINCE GEORGES	PATUXENT	39 06	76 54	400	EST		8A		4	ROBERT E CRAVER	3	
WOODSTOCK COLLEGE	9750	BALTIMORE	CHESAPEAKE	39 20	76 53	415	EST	6P	6P	80	80	WOODSTOCK COLLEGE	2 3 5	

### NEW STATIONS

BENTLEY SPRINGS	0737	BALTIMORE	CHESAPEAKE	39 41	76 41	730	EST	5P	5P	25	25	CARL PITTINGER	2 3 5
LAUREL	5111	PRINCE GEORGES	PATUXENT	39 06	76 54	400	EST	5P	8A		4	ROBIN CRAVER	2 3 5
LISBON	5302	HOWARD	PATUXENT	39 20	77 04	585	EST	6P	6P			AUGUST E SIMA	2 3 5
NEW GERMANY	6408	GARRETT	SAVAGE	39 38	79 07	2490	EST	5P	8A			MATTHEW E MARTIN	2 3 4 5
OCEAN CITY	6665	WORCESTER	COASTAL	38 29	75 05	17	EST	X				U S COAST GUARD	2 3 5
VIENNA	9140	DORCHESTER	CHESAPEAKE	38 29	75 50	12	EST	8P	8P			EASTERN SHORE PUB SER CO	2 3 5
LEONARDTOWN	5205	ST MARYS	POTOMAC	38 18	76 39	14	EST		MID		8	MD STATE ROAD COMMISSION	3 4

### REFERENCE NOTES

The four digit identification numbers in the index number column of the Station Index are assigned on a state basis. There will be no duplication of numbers within a state.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall for the preceding 12 months will be carried in the June issue of this bulletin.

Unless otherwise indicated, dimensional units used in this bulletin are: Temperatures in °F, precipitation and evaporation in inches, and wind movement in miles. Evaporation is measured in the standard Weather Bureau type pan of 4 foot diameter unless otherwise shown by footnote following Table 6.

Amounts in Table 4 are from recording gages. Traces are not shown.

Amounts in Table 3 are from non-recording gages, unless otherwise indicated.

Data in Tables 3, 5 and 6 are for the 24 hours ending at time of observation. See the Station Index for observation time.

- No record in Tables 3, 4, 6 and 7 and the Station Index. No record in Tables 2 and 5 is indicated by no entry. When hourly precipitation is missing or accumulated for several days, only the first and last days are shown in Table 4.

+ And also on a later date or dates.

\* Amount included in following measurement, time distribution unknown.

// Gage is equipped with a windshield.

6 Precipitation measured at 6-hourly intervals, no recording gage.

SS This entry in time of observation column in Station Index means sunset.

M One or more days of record missing; see Table 5 for detailed daily record.

R Station equipped with recording gage only.

T Trace, an amount too small to measure.

Z Hourly amounts from a recording gage at the same site may be found in Table 4.

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W.R.P.C., Albany, N.Y.--- 12-15-49--1150