

U. S. DEPARTMENT OF COMMERCE
CHARLES SAWYER, Secretary
WEATHER BUREAU
F. W. REICHELDERFER, Chief

CLIMATOLOGICAL DATA

MARYLAND AND DELAWARE

APRIL 1949

Volume LIII No. 4



ALBANY 1949

MARYLAND AND DELAWARE - APRIL 1949

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

GENERAL SUMMARY

Temperatures were extremely variable during the month and rainfall, while generally less than normal, was above normal in north-central counties. Killing frosts or freezing temperatures as late as the 29th did appreciable damage over a large portion of the state. The excessive moisture situation which prevailed during the winter over most of the area was improved somewhat by the less than normal rainfall over most sections.

There were many alternate cool and warm periods during the month and about as many warm days as cool days. The longest warm period was a 5-day period which culminated with maximum temperatures in the 80's over most of the section on the 15th. This was followed by a 5-day cool period during which many stations reported the lowest temperatures of the month. On four days, the 2nd, 5th, 17th and 29th, temperatures fell to near or below freezing over a considerable portion of the section, causing some damage to crops and fruit trees. Hancock and Tonoloway reported minimum temperatures 32° or lower on 13 days, Friendsville and Sines on 14 days, and Beltsville on 11 days. Average temperatures were near normal at most stations. In general, average temperatures from the Chesapeake Bay eastward were slightly above normal for the month. To the west about half of the stations reported above and half reported below normal temperatures.

Precipitation totals varied from a low of 1.67 inches at Cumberland, Maryland, to 4.69 inches at Pikesville, Maryland. In western Maryland, deficiencies in rainfall averaged approximately 1 inch. Over much of the area around Chesapeake Bay and central and northern Delaware, deficiencies were over 1 inch with the greatest deficiency 1.87 inches at Crisfield. By the middle of the month, soil moisture which had been excessive had decreased sufficiently to permit preparation of the ground for planting. By the end of the month, soil moisture was becoming deficient in some local areas.

Much plowing was completed under very favorable conditions during the last half of the month and good progress was made in preparing the ground for planting. Corn planting began in scattered field on the Peninsula, and an occasional fields in central Maryland. Good progress was made in planting truck crops on the Eastern Shore. Germination and growth of spring crops were slowed somewhat by the frequent periods of cool weather the last half of the month. The heavy frost the morning of the 29th did no general heavy damage, but reports from some local areas indicated whole blocks of truck crops or fruit trees damaged considerably. In western Maryland, the drop of apples was reported heavy locally due to frost injury.

TEMPERATURE

The monthly mean temperature for the section was 52.7 degrees, 0.4 degree above normal; for Maryland and the District of Columbia, 52.7 degrees, 0.4 degree above normal; and for Delaware, 52.8 degrees, 0.1 degree above normal.

For Maryland, the monthly mean temperature varied from 58.4 degrees at Crisfield, to 45.0 degrees at Sines. The highest temperature was 87 degrees on the 15th at Coleman and Riverdale, on the 26th at Clear Spring, Hagerstown and Great Falls, and on the 27th at Cumberland Police Barracks, and the lowest was 19 degrees on the 10th at Friendsville and on the 17th at Sines. The greatest local monthly temperature range was 62 degrees at Hancock, ranging from 86 degrees on the 27th to 24 degrees on the 5th. The least local monthly range was 36 degrees at Crisfield, ranging from 76 degrees on the 15th to 40 degrees on the 17th.

For Delaware, the monthly mean temperature varied from 54.6 degrees at Milford to 51.2 degrees at Wilmington (Porter Reservoir). The highest temperature was 84 degrees on the 15th at Milford, and the lowest was 27 degrees on the 5th at Newark (College Farm) and Georgetown. The greatest local monthly temperature range was 55 degrees at Georgetown, having a high reading of 82 degrees on the 15th and a low reading of 27 degrees on the 5th. The least local monthly range was 48 degrees at Wilmington (Porter Reservoir) with a high reading of 80 degrees on the 15th and a low reading of 32 degrees on the 2nd.

PRECIPITATION

The monthly average for the section was 2.77 inches, 0.75 inch below normal; for Maryland, 2.79 inches, 0.68 inch below normal; and for Delaware, 2.58 inches, 0.94 inch below normal. For Maryland, it was greatest at Pikesville Police Barracks with 4.69 inches, and least at Cumberland with 1.67 inches. The greatest 24-hour amount was 1.53 inches on the 14th at Williamsport. For Delaware, the monthly precipitation was greatest at Newark (College Farm) with 3.03 inches, and least at Dover with 2.12 inches. The greatest 24-hour rainfall was 1.01 inches on the 6th at Smyrna.

SNOWFALL

The monthly average snowfall for the entire section was 0.1 inch, and measurable amounts of snow were limited to Garrett and northwestern Allegany Counties. For Maryland, the greatest monthly snowfall was 3.5 inches at Sines, and the greatest depth was 1 inch on the 5th and 16th at Sines. There were no occurrences of snowfall in Delaware during the month.

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.

PRESSURE, WIND, HUMIDITY, SUNSHINE, DEGREE DAYS

APRIL 1949

STATIONS	SEA LEVEL PRESSURE EXTREMES - INCHES				WIND				RELATIVE HUMIDITY AVERAGES				SUN- SHINE	DEGREE DAYS 65° BASE
	HIGHEST	DATE	LOWEST	DATE	AVERAGE SPEED M.P.H.	MAXIMUM SPEED M.P.H.	DIRECTION	DATE	1:30A EST	7:30A EST	1:30P EST	7:30P EST	PERCENT OF POSSIBLE	
ABERDEEN PHILLIPS FIELD	30.36	29	29.27	6	-	-	-	-	86	86	73	77	-	-
ANNAPOLIS U S NAVAL ACD	30.39	25	29.42	14	9.0	-	-	-	78	75	60	64	-	-
BALTIMORE W B CITY	30.42	29	29.37	6	11.2	45	SW	15	69	68	49	56	58	312
WASHINGTON W B CITY, DC	30.41†	29	29.37†	13	8.3	31	NW	24	70	68	46	52	52	297
WILMINGTON WB AP, DEL	30.42	29	29.32	6	10.2	-	-	-	41	71	49	60	-	394
† Airport Data														

TABLE 1
COMPARATIVE DATA

YEAR	MARYLAND						DELAWARE						YEAR	MARYLAND						DELAWARE					
	TEMP., °F.			PRECIP., INCHES			TEMP., °F.			PRECIP., INCHES				TEMP., °F.			PRECIP., INCHES			TEMP., °F.			PRECIP., INCHES		
	MEAN	HIGHEST	LOWEST	AVERAGE	AVERAGE SNOWFALL	DAYS WITH IN. OR MORE	MEAN	HIGHEST	LOWEST	AVERAGE	AVERAGE SNOWFALL	DAYS WITH IN. OR MORE		MEAN	HIGHEST	LOWEST	AVERAGE	AVERAGE SNOWFALL	DAYS WITH IN. OR MORE	MEAN	HIGHEST	LOWEST	AVERAGE	AVERAGE SNOWFALL	DAYS WITH IN. OR MORE
1895	52.4	89	18	5.17	0.1	9	52.1	89	28	5.39	0.0	10	1923	51.5	88	- 3	4.15	1.1	9	52.0	83	11	4.22	0.1	8
1896	55.9	97	12	1.42	0.7	6	55.9	99	22	1.46	T	6	1924	50.0	83	13	4.94	5.8	12	50.4	79	20	5.52	2.4	12
1897	52.1	94	15	2.97	0.1	8	52.8	89	26	3.18	0.0	7	1925	55.2	97	20	2.49	0.2	11	55.3	89	25	2.96	0.0	12
1898	50.3	86	6	2.67	2.4	11	50.1	82	21	3.60	1.8	12	1926	49.9	89	18	1.72	0.5	9	50.8	88	25	1.91	T	10
1899	53.1	94	14	1.60	0.3	4	52.3	84	22	1.56	T	3	1927	49.9	91	18	4.91	1.7	14	50.3	94	28	3.09	1.2	14
1900	52.3	86	16	1.93	0.4	6	53.2	79	24	2.39	T	6	1928	49.9	85	14	5.85	4.4	12	50.8	82	23	5.88	0.6	12
1901	49.1	90	15	5.74	2.0	11	49.9	81	31	5.12	0.0	9	1929	55.4	94	25	6.44	0.2	14	56.0	95	32	6.74	0.0	13
1902	51.7	102	16	3.38	2.8	8	52.4	90	27	4.25	T	9	1930	50.6	93	18	2.54	0.6	9	50.7	85	25	1.99	T	8
1903	52.4	95	13	4.06	T	9	52.8	93	25	3.66	T	9	1931	51.3	84	18	3.05	1.6	9	51.9	78	28	3.31	0.0	9
1904	49.1	87	10	2.47	0.2	9	49.5	84	24	2.40	T	7	1932	50.3	84	16	2.18	0.4	8	51.6	80	29	2.52	T	8
1905	52.8	88	8	2.82	0.6	9	52.7	85	26	3.07	T	9	1933	52.8	88	20	5.44	0.1	11	53.1	80	28	5.42	0.0	10
1906	54.1	96	10	3.23	T	7	54.4	89	26	2.35	0.0	7	1934	51.9	86	19	2.60	0.2	10	52.0	82	29	3.13	T	11
1907	47.0	86	9	3.33	2.0	10	47.4	83	23	3.36	0.5	11	1935	49.9	92	14	3.76	2.3	10	50.9	85	30	3.81	T	11
1908	54.5	90	19	2.30	T	10	55.3	87	24	2.81	T	11	1936	49.6	90	11	2.82	0.3	11	51.2	85	28	3.01	T	12
1909	52.6	89	5	3.51	0.9	10	53.7	86	25	4.30	T	10	1937	51.1	94	19	6.52	0.2	12	52.3	88	28	5.19	T	11
1910	55.9	92	20	5.58	0.2	12	57.1	87	28	3.85	0.0	9	1938	54.8	94	19	1.76	0.2	8	55.3	88	25	1.87	T	8
1911	48.9	88	0	3.20	1.5	11	49.7	79	25	3.66	T	11	1939	51.2	93	16	5.03	0.2	16	52.0	88	27	5.66	T	15
1912	54.7	87	21	2.72	T	12	54.3	83	27	2.83	T	11	1940	48.2	84	13	5.92	1.8	13	47.9	80	22	5.69	2.2	15
1913	53.9	90	11	4.41	T	10	55.2	83	29	5.14	T	10	1941	56.9	97	17	2.94	0.0	5	56.3	91	28	3.19	0.0	6
1914	51.5	89	15	3.89	0.1	10	52.5	85	24	3.38	T	9	1942	55.8	96	18	1.12	0.1	4	55.1	91	25	1.03	0.0	4
1915	56.9	100	10	1.56	4.5	6	57.8	97	25	2.44	9.3	6	1943	48.5	86	5	3.20	0.5	11	49.3	84	18	3.46	T	10
1916	51.4	89	17	3.10	4.3	12	51.5	87	28	2.42	1.1	12	1944	51.0	84	13	4.10	0.8	14	51.2	83	22	4.87	0.9	13
1917	52.4	90	14	2.41	4.0	8	52.4	89	24	2.52	2.6	8	1945	56.2	90	20	3.66	T	12	55.9	87	26	3.81	0.0	14
1918	51.0	83	15	5.90	5.7	12	52.3	81	28	4.33	0.2	10	1946	53.0	92	16	1.82	T	8	52.0	87	25	2.27	0.0	9
1919	51.7	88	11	3.34	0.1	7	52.4	81	21	3.91	T	7	1947	54.7	90	20	2.65	T	10	53.8	84	20	3.89	0.0	11
1920	50.8	88	12	4.77	0.6	14	52.3	84	26	3.93	T	10	1948	54.2	88	20	3.97	T	11	52.6	83	25	3.27	0.0	11
1921	58.0	92	16	3.13	0.7	10	58.5	88	26	3.61	3.6	12	1949	52.7	87	19	2.79	1.2	11	52.8	84	19	2.58	0.0	11
1922	54.0	93	17	1.84	0.1	9	54.2	88	28	2.32	0.0	9	PERIOD	52.3	102	- 3	3.47	1.1	10	52.7	99	11	3.52	0.5	10

CLIMATOLOGICAL DATA

MARYLAND AND DELAWARE

APRIL 1949

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	01 or more	25 or more	1.00 or more
MARYLAND																		
ABERDEEN PHILLIPS FIELD	51.7	0.2	83	15	29	5	1	3.41	.05	.77	13					8	6	
ANNAPOLIS U S NAVAL ACADEMY	53.4	0.3	84	15	36	2+		2.11	-1.55	.49	18					7	4	
BALTIMORE WB AIRPORT	54.3	2.0	83	15	36	17		2.55	-.79	.78	13					12	4	
BALTIMORE WB CITY	55.1	1.5	85	15	37	17		2.44	-.90	.58	13+					12	4	
BALTIMORE HAMILTON	52.9		84	15	33	17		3.77		.77	6					12	6	
BATTERY PARK	53.0M		84	15+	30	17		2.62		.91	6					13	3	
BELTSVILLE	49.9		84	16	29	5		2.23		.60	6					15	4	
BELTSVILLE PLANT INDUSTRY NO 1	50.4		85	27	29	5+		2.41		.64	6					12	5	
BELTSVILLE PLANT INDUSTRY NO 2	50.1		84	16	27	5		2.37		.57	6					11	5	
BELTSVILLE PLANT INDUSTRY NO 3	51.4		84	16+	31	17		2.46		.64	6					11	5	
BELTSVILLE PLANT INDUSTRY NO 4	52.1		84	27	31	17		2.43		.67	6					11	4	
BELTSVILLE PLANT INDUSTRY NO 5	50.1		84	16	27	5+		2.27		.64	6					11	5	
BELTSVILLE PLANT INDUSTRY NO 6	51.8		85	16+	30	17		2.32		.65	6					11	5	
BENSON POLICE BARRACKS	51.0		81	15	26	5		4.22		.80	6					11	7	
BLACKWATER	54.3	1.1	82	15	34	5+		2.53	-.27	.75	1					10	3	
BRIGHTON DAM	51.4		85	27	26	5+		2.51		.72	6					10	5	
BROOKSIDE MANOR	53.8		86	15	31	5+		2.32		.78	6					10	4	
CAMBRIDGE	54.7	0.2	86	15	35	5+		3.07	-.56	.80	6					10	4	
CHARLOTTE HALL	54.9	0.9	85	15	33	17+		3.65	.04	.86	1					14	4	
CHELTENHAM	52.9	-0.8	84	16	30	17		3.23	-.73	.87	1					13	6	
CHESTERTOWN	53.7	1.3	83	15	32	2		2.24	-1.33	.59	18					10	4	
CHEWSVILLE BRIDGEPORT	51.2	0.8	86	26	29	17		2.56	-.37	.78	13					13	4	
CLEAR SPRING	52.6	1.6	87	26	32	2+		3.23	-.37	.95	13					13	5	
COLEMAN	55.8M		87	15	34	2		2.08	-1.41	.38	14					9	4	
COLLEGE PARK UNIV OF MD	53.4	0.3	85	15	31	5		2.37	-1.14	.68	6					14	4	
CONOWINGO DAM	51.4	0.3	82	15	29	5		3.59	.23	.98	13					11	5	
CONOWINGO POLICE BARRACKS	51.5		81	15	26	5		3.99		1.00	22					9	6	
CRISFIELD	58.4	2.7	76	15	40	17		2.00	-1.87	.53	6					12	3	
CUMBERLAND	51.5	-0.6	84	26	30	9+		1.67	-1.16	.63	6					12	2	
CUMBERLAND POLICE BARRACKS	48.6		87	27	25	5+		2.26		.67	6					10	4	
DISTRICT HEIGHTS	53.9		84	15+	33	17		3.14		1.06	1					11	7	
EASTON POLICE BARRACKS	52.7	-0.7	83	15	32	2+		3.20	-.17	1.00	14					9	4	
ELKTON	52.7	0.9	82	15	29	5		4.34	-.27	.63	6					9	8	
EMMITSBURG	53.4	1.6	85	26+	30	17		3.71	.11	1.03	14					11	5	
FALLSTON	51.7	0.8	81	15	25	24		3.71	.11	.71	6					12	6	
FORT GEORGE G MEADE	52.3	-1.3	85	15	26	29		6.21	-.07	.65	6					13	3	
FREDERICK	49.9	-2.9	78	15	26	5		3.59	.10	.77	6					15	6	
FREDERICK POLICE BARRACKS	53.3		84	26	31	17		3.37		.70	14					11	5	
FREDERICK WB AIRPORT	52.0M		82	27	30	10+		3.21		.92	8					12	4	
FRIENDSVILLE	46.9	-0.5	79	21	19	10		3.09	-.95							13	4	
FROSTBURG	48.1	-1.4	77	26	25	10		2.78	-.92	.68	6			1.5		15	4	
GERMANTOWN	52.7	0.3	81	26	30	17		3.24	-.78	.72	6					7	4	
GLENN DALE BELL STATION	52.8	-0.0	85	15	28	5+		2.40	-1.32	.63	6					13	4	
GRASONVILLE	54.7		80	15	34	5		1.80		.48	6					7	4	
GREAT FALLS	52.1	-1.1	87	26	28	10		2.65	-.49	.72	6					10	5	
GREENBELT	51.8		85	16	30	17		2.66		.65	6					13	4	
GROSVENOR LANE	53.4		85	26	29	5+		2.32		.77	6					13	3	
HAGERSTOWN	52.7		87	26	30	2+		3.12		.90	13					8	5	
HANCOCK FRUIT LABORATORY	49.0	-3.5	86	27	24	5		2.17	-.88	.59	6					11	3	
HUNTINGTOWN	54.3	0.1	85	15	32	17		2.41	-1.20	.61	6					11	3	
KEDYSVILLE	52.0	-0.8	86	26	27	2		3.24	.07	.93	13					13	4	
LA PLATA	55.5	1.1	84	15	32	17		3.16	-.77	.75	13					13	4	
LEONARDTOWN	56.1		85	15	34	2+		2.30		.64	6					12	4	
MILLINGTON	54.0	0.7	84	15	29	5		2.48	-1.10	.63	6					9	3	
OCEAN CITY	53.1		78	14	36	2+		2.16		.40	6					11	5	
OWINGS FERRY LANDING	54.4	4.4	85	15	33	5+		2.48	-1.39	.83	1					11	3	
OXFORD	55.2	-0.8	78	15	38	17		1.90	-1.21	.64	1					10	3	
PICARDY	52.8	1.4	85	26	27	10		2.80	-1.58	.55	6					10	2	
PIKESVILLE POLICE BARRACKS	53.2		83	15	32	17		1.49		.69	6					12	5	
POCOMOKE CITY	53.0	-1.6	79	26	32	6		2.80	-.60	.55	6					11	5	
PRESTON	54.9		83	15	32	5		2.40		.87	6					7	3	
PRETTYBOY DAM	50.7	0.0	80	15	29	17		2.2		.70	6+					8		
PRINCESS ANNE	54.9	1.0	83	15	30	5+		3.21	-.98	.68	14					11	4	
RANDALLSTOWN POLICE BARRACKS	51.6		83	15+	30	10+		3.49		.77	14					11	7	
RIDGELY	54.8	1.6	83	15	34	2		2.15	-1.20	.73	6					10	3	
RIVERDALE	52.6		87	15	29	5+		2.18		.64	6					9	4	
ROCK HALL	54.0	1.0	80	15	32	5		2.14	-1.41	.47	6					9	3	
ROCKVILLE	54.2		83	15+	32	17		2.96		.66	6					12	5	
ROYAL OAK	54.7		82	15	35	5+		2.16		.83	1					12	2	
SALISBURY	54.5	0.2	81	15+	31	5		3.35	-.30	.99	1+					12	3	
SALISBURY POLICE BARRACKS	54.5		83	15	31	5		3.69		1.10	1					12	4	
SALISBURY MUNICIPAL AIRPORT	53.2		84	15	31	5		2.29		.72	13					11	2	
SINES DEEP CREEK	45.0	-0.7	76	26	19	17		3.22	-1.01	.50	6			3.5	1	5+	19	4
SOLOMONS	55.5	1.2	83	15	37	17		2.36	-.82	.57	13					11	4	
TAKOMA PARK MISS AVE	53.9	-0.3	85	15	32	17		2.26	-.79	.75	6					10	4	
TONOLOWAY	50.7	-0.0	85	26	24	17		2.39	-1.08	.59	1+					11		
TOWSON	52.4		83	15	29	5+		4.49	.63	.90	13					12	6	
UNIONVILLE	48.0	-3.4	81	26	25	5+		3.81	1.32	1.03	18					11	5	
WALDORF POLICE BARRACKS	53.6		85	26	30	5		2.69		.50	6					11	5	
WATERLOO POLICE BARRACKS	52.6		84	15	30	17		3.29		.68	6					13	5	
WEST LANHAM HILLS	53.6		85	15	32	2+		2.00		.60	6					10	4	
WESTERN PORT	52.6	0.8	83	26	28	10		2.13	-.95	.75	6					11	3	
WESTMINSTER	51.4	-0.4	81	26	29	2		4.45	1.00	.90	6					14	8	
WHALEYSVILLE	53.7		81	15	31	5+		2.32		.99	1					12	4	
WHITE HALL	47.6																	

CLIMATOLOGICAL DATA

MARYLAND AND DELAWARE

APRIL 1949

Table 2—Continued

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	.01 or more	.25 or more	1.00 or more
DISTRICT OF COLUMBIA																		
BRIGHTWOOD	54.0		84	16+	35	17												
DALECARLIA RESERVOIR	53.3M				33	5+				.92	6					11		
NATIONAL ARBORETUM	55.5		86	15	32	17+		2	2.60	.72	1				11	3		
U S SOLDIERS HOME	53.1		84	16	32	17		1	2.59	.65	6				11	5		
WASHINGTON WB CITY	55.5	2.2	86	26	35	17			2.01	-1.26	.65	5			9	4		
MARYLAND AND DIST OF COLUMBIA																		
	52.7	0.4							2.79	-.68								
DELAWARE																		
BRIDGEVILLE																		
BRIDGEVILLE	53.5	0.5	82	15	30	5		2	2.63	-.87	.74	1			12	3		
DELAWARE CITY REEDY PT	53.2	0.9	81	15+	32	2+		2	2.19	-1.21	.40	1+			10	5		
DOVER	53.5	0.3	83	15	33	5			2.12	-1.48	.79	6			12	3		
GEORGETOWN	52.7		82	15	27	5		5	2.84		.83	6			14	4		
LEWES	52.5		83	15	29	5		1	2.55		.98	6			14	2		
MILFORD																		
MILFORD	54.6	1.0	84	15	31	5		1	2.70	-.94	.98	6			12	3		
NEWARK COLLEGE FARM																		
NEWARK COLLEGE FARM	51.9	0.9	81	15	27	5		6	3.03	-.72	.57	1			10	7		
SMYRNA																		
SMYRNA	52.6		83	15	33	20			2.24		1.01	6			8	3		1
WILMINGTON WB N CASTLE																		
WILMINGTON WB N CASTLE	52.0		83	15	33	2			2.69		.69	13			8	5		
WILMINGTON PORTER RESERVOIR																		
WILMINGTON PORTER RESERVOIR	51.2	-0.9	80	15	32	2+		2	2.80	-1.04	.82	18			10	5		
DELAWARE SECTION																		
DELAWARE SECTION	52.8	0.1							2.58	-.94								
SECTION	52.7	0.4							2.77	-.75								

HOURLY PRECIPITATION

MARYLAND AND DELAWARE

APRIL 1949

Table 4

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	
-1st-																									
MARYLAND																									
ABERDEEN PHILLIPS FIELD	.02	.02	*	*	*	*	*	.03	*	*	*	*	*	.08	*	*	*	*	.03						.04
ANNAPOLIS U S NAVAL ACADEMY	*	.11	*	*	*	*	*	.10	*	*	*	*	*	.05	*	*	*	*	.04						.25
BALTIMORE WB AIRPORT 6																									
BALTIMORE WB CITY								.01										.02						.03	
BELTSVILLE PLANT INDUSTRY NO 5					.01	.01	.01	.07	.03	.01	.01						.01	.01						.03	
COCKEYSVILLE	.01		.01														.01	.01						.16	
GRANTSVILLE		.01	.01	.02	.03	.04																		.11	
SALISBURY MUNICIPAL AIRPORT 6	*	.55								*	*	*	*	*	.15	*	*	*	*	.04					
SHARPTOWN																									
SINES DEEP CREEK			.02	.02	.07	.01	.01							.01	.02	.02	.01							.18	
UNIONVILLE							.17	.02						.01			.02							.22	
WASHINGTON WB CITY DC							.02		.02															.04	
DELAWARE																									
WILMINGTON AIRPORT 6			*	*	*	*	*	.39	*	*	*	*	*	.06	*	*	*	*	*	.11					
-2d-																									
MARYLAND																									
BELTSVILLE PLANT INDUSTRY NO 5			.01	.01																				.02	
LEONARDTOWN						.05																		.05	
SINES DEEP CREEK								.01																.01	
-3d-																									
MARYLAND																									
LEONARDTOWN										*	*	*	*	*	.05	*	*	*	*	.09	.10	.10	.08	.21	.03
SALISBURY MUNICIPAL AIRPORT 6																				.16	*	*	*	*	
-4th-																									
MARYLAND																									
BALTIMORE WB AIRPORT 6			*	*	*	*	*	.09																	
BALTIMORE WB CITY			.03	.02	.01																			.06	
BELTSVILLE PLANT INDUSTRY NO 5		.02		.03	.02																			.05	
BETHESDA				.02	.02																			.04	
GLEN ECHO				.03																				.03	
GRANTSVILLE				.02		.01																		.03	
LEONARDTOWN	.03																							.03	
SALISBURY MUNICIPAL AIRPORT 6	*	.01																						.02	
UNIONVILLE		.01	.01																					.04	
WASHINGTON WB CITY DC				.03	.01																				
-5th-																									
MARYLAND																									
ABERDEEN PHILLIPS FIELD																				.01	.12	.05	.11	.19	.48
ANNAPOLIS U S NAVAL ACADEMY	*	.18	*	*	*	*	*	.03												*	*	*	*	.40	
BALTIMORE WB AIRPORT 6								.04	*	*	*	*	*	.01											
BALTIMORE WB CITY																					.01	.10	.19	.15	.09
BELTSVILLE PLANT INDUSTRY NO 5																					.06	.08	.09	.14	.10
BETHESDA																					.04	.10	.30	.20	.07
COCKEYSVILLE																					.02	.08	.15	.19	.16
GLEN ECHO																				.01	.06	.18	.21	.25	.10
GRANTSVILLE															.04	.12	.01	.01			.04	.14	.07	.08	.04
LEONARDTOWN															.04	.01					.01	.03	.01	.01	.10
LUKE															.04	.04		.01			.05	.20	.15	.05	.50
SALISBURY MUNICIPAL AIRPORT 6															*	*	*	*	*	.12	*	*	*	*	
SINES DEEP CREEK															.02	.14	.02		*	.06	.06		.01	.01	
UNIONVILLE																				.01	.08	.22	.33	.13	
WASHINGTON WB CITY DC																				.08	.10	.13	.22	.12	
DELAWARE																									
WILMINGTON AIRPORT 6																					*	*	*	*	
-6th-																									
MARYLAND																									
ABERDEEN PHILLIPS FIELD	.07	.01	.01	.01																				.10	
ANNAPOLIS U S NAVAL ACADEMY	*	.37	*	*	*	*	*	.03																.21	
BALTIMORE WB AIRPORT 6								.04	*	*	*	*	*	.01											
BALTIMORE WB CITY	.03	.06	.01																					.10	
BELTSVILLE PLANT INDUSTRY NO 5	.08	.01																						.09	
BETHESDA	.04			.02	.01	.02																		.09	
COCKEYSVILLE	.07	.06	.02				.01	.01	.02	.01														.20	
GLEN ECHO	.02	.02	.02																					.06	
GRANTSVILLE					.01	.01	.08	.01							.10	.05	.04		.01					.30	
LUKE								.04								.10								.16	
SALISBURY MUNICIPAL AIRPORT 6	*	.54	*	*	*	*	*	.13																	
SINES DEEP CREEK	.01	.01	.01		.02	.04	.01	.01	.03	.02	.03	.01							.18	.09				.50	
UNIONVILLE	.05	.03	.01																					.09	
WASHINGTON WB CITY DC	.04	.01					.01	.01																.07	
DELAWARE																									
WILMINGTON AIRPORT 6	*	.47	*	*	*	*	*	.13																	
-7th-																									
MARYLAND																									
ABERDEEN PHILLIPS FIELD																					.03		.01	.04	
ANNAPOLIS U S NAVAL ACADEMY																					*	*	*	.20	
BALTIMORE WB AIRPORT 6																									
BALTIMORE WB CITY																					.12	.06	.01	*	
BELTSVILLE PLANT INDUSTRY NO 5																								.19	
BETHESDA																					.09	.09		.19	
GLEN ECHO																					.07	.11		.18	
GRANTSVILLE																							.03	.03	
SALISBURY MUNICIPAL AIRPORT 6															*	*	*	*	*	.01	*	*	*	*	
SINES DEEP CREEK																.07	.02	.01						.10	
UNIONVILLE																				.05	.26	.02		.07	
WASHINGTON WB CITY DC																							.01	.27	

See reference notes following Station Index.

HOURLY PRECIPITATION

MARYLAND AND DELAWARE

APRIL 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		
-8th																										
MARYLAND																										
BALTIMORE WB AIRPORT 6	*	.15																							.01	
BETHESDA			.01																						.02	
GLEN ECHO	.01	.01																							.20	
GRANTSVILLE				.02	.04	.02	.02	.02				.02	.01	.03	.02			.01							.19	
LUKE					.13												.02	.02		.01						
SALISBURY MUNICIPAL AIRPORT 6	*	.02																							.33	
SINES DEEP CREEK				.01	.02	.03	.02	.08	.07						.03	.01	.02	.02	.01				.01			
-9th																										
MARYLAND																										
LUKE																	.05								.05	
-11th																										
MARYLAND																										
LUKE							.05																		.05	
SINES DEEP CREEK							.02	.06	.02			.01	.01												.12	
-12th																										
MARYLAND																										
LUKE																									.06	
SHARPTOWN																							.01	.05	*	
-13th																										
MARYLAND																										
ABERDEEN PHILLIPS FIELD				.01	.03	.01						.02	.07		.01				.01	.68	.05	.01			.91	
ANNAPOLIS U S NAVAL ACADEMY			*	*	*	*	*	.05	*	*	*	*	*	.24	*	*	*	*	*	.12	*	*	*	*		.41
BALTIMORE WB AIRPORT 6			*	*	*	*	*	.06	*	*	*	*	*	*	.08	*	*	*	*	.54	*	*	*	*		
BALTIMORE WB CITY		.02		.04	.01																		.05	.01	.58	
BELTSVILLE PLANT INDUSTRY NO 5		.02	.03		.01				.01			.14					.02	.03	.06	.22	.12	.01			.31	
BETHESDA	.04	.01	.05							.02	.01	.16								.04					.30	
COCKEYSVILLE							.02	.01	.01						.01		.01	.15	.24	.07	.05	.09	.05	.03	.73	
GLEN ECHO	.04	.01	.04	.01				.01			.14	.18			.01		.01	.01	.15						.44	
GRANTSVILLE	.03	.03	.03	.01															.05	.02					.18	
LEONARDTOWN																										
LUKE	.01	.01					.02		.13	.02							.03	.05							.27	
SALISBURY MUNICIPAL AIRPORT 6	*	*	*	*	*	*	*	.11	*	*	*	*	*	*	.04	*	*	*	*	.18	*	*	*	*	*	
SHARPTOWN																										
SINES DEEP CREEK	.06	.17	.01				.02																		.26	
UNIONVILLE		.02	.02	.01	.05				.09	.07	.12	.07					.01	.03	.31	.06	.05	.03	.02	.05	1.01	
WASHINGTON WB CITY DC	.01	.03	.03	.01						.01	.06					.01	.03	.01	.03	.01					.24	
DELAWARE																										
WILMINGTON AIRPORT 6			*	*	*	*	*	.04	*	*	*	*	*	.18	*	*	*	*	.08	*	*	*	*	*	*	
-14th																										
MARYLAND																										
BALTIMORE WB AIRPORT 6	*	.11	*	*	*	*	*	.07																	.02	
BALTIMORE WB CITY					.02																				.02	
COCKEYSVILLE		.01		.01																						
SALISBURY MUNICIPAL AIRPORT 6	*	.39	*	*	*	*	*	.01																	*	
SHARPTOWN	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
SINES DEEP CREEK			.02	.01	.01	.02	.02	.01																	.09	
UNIONVILLE	.03	.01	.01	.01																					.06	
DELAWARE																										
WILMINGTON AIRPORT 6	*	.39																								
-15th																										
MARYLAND																										
BETHESDA																	.03	.03							.06	
SINES DEEP CREEK							.01	.01																	.02	
-16th																										
MARYLAND																										
BETHESDA																		.01	.02	.01					.04	
GLEN ECHO																		.05	.01						.07	
SINES DEEP CREEK										.02	.02	*	*	*	*	*	*	*	*	*	*	*	.20	.01	.24	
-17th																										
MARYLAND																										
BETHESDA						.05	.04														.01	.03	.02	.03	.04	.04
GLEN ECHO		.01		.01	.01	.04	.05																			.12
GRANTSVILLE																										.17
LUKE																						.02	.03	.05	.05	.15
SINES DEEP CREEK																					.04	.07	.04	.03		.18
-18th																										
MARYLAND																										
ABERDEEN PHILLIPS FIELD						.02	.03	.06	.03	.04	.04	.07	.01							.10		.01	.04		.45	
ANNAPOLIS U S NAVAL ACADEMY									*	*	*	*	*	*	*	*	*	*	*	.11	*	*	*	*	.11	.49
BALTIMORE WB AIRPORT 6			*	*	*	*	*	.08	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
BALTIMORE WB CITY					.02	.06	.06	.02	.04	.05	.01								.18	.08	.03	.03	*	*	.58	
BELTSVILLE PLANT INDUSTRY NO 5					.10	.02	.02	.06	.02	.01									.03	.10	.02	.02	.01		.39	
BETHESDA																			.16	.04	.01	.02	.01	.01	.26	
COCKEYSVILLE						.07	.04	.02	.04	.05	.02	.01	.01	.01				.14	.06		.01				.47	
GLEN ECHO								.04	.01	.05	.02	.01						.12	.05	.01					.25	
GRANTSVILLE																									.12	
LEONARDTOWN																										
LUKE		.02			.03				.05	.04															.14	
SALISBURY MUNICIPAL AIRPORT 6	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.08	*	*	*	*	*	
SHARPTOWN	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	

See reference notes following Station Index.

Table 4-Continued

HOURLY PRECIPITATION

MARYLAND AND DELAWARE

APRIL 1949

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		
SINES DEEP CREEK	.06					.01	.01	.03	.04																.15	
UNIONVILLE		.03	.01			.02	.03		.01	.01						.01	.17	.15	.40	.11	.01				.96	
WASHINGTON WB CITY DC	.02			.01		.01	.05	.02	.03	.03	.01								.12	.07	.02	.01	.01		.41	
DELAWARE																										
WILMINGTON AIRPORT 6			*	*	*	*	*	.02	*	*	*	*	*	.31	*	*	*	*	*	.05	*	*	*	*		
MARYLAND																										
ABERDEEN PHILLIPS FIELD				.01		.01																			.02	
BALTIMORE WB AIRPORT 6	*	.07																							.07	
BETHESDA			.01		.01																				.02	
COCKEYSVILLE	.01	.02																							.03	
SALISBURY MUNICIPAL AIRPORT 6	*	.13																							1.15	
SHARPTOWN	*	*	*	*	*	*		1.15																	1.15	
SINES DEEP CREEK											.01	.01													.02	
UNIONVILLE								.02																	.02	
DELAWARE																										
WILMINGTON AIRPORT 6	*	.29																								
MARYLAND																										
ABERDEEN PHILLIPS FIELD												.05	.05	.15	.05	.02	.02	.05	.05	.04		.01			.46	
ANNAPOLIS U S NAVAL ACADEMY									*	*	*	*	*	.22	*	*	*	*	*	.04					.26	
BALTIMORE WB AIRPORT 6									*	*	*	*	*	.29	*	*	*	*	*	.12						
BALTIMORE WB CITY											.03	.07	.10	.02				.05	.02						.29	
BELTSVILLE PLANT INDUSTRY NO 5																						.02	.05	.08	.05	.20
BETHESDA											.05	.05	.05	.01	.02	.03									.21	
COCKEYSVILLE											.05	.05	.05	.21	.09	.05	.07	.02	.06		.05	.02			.62	
GLEN ECHO											.03	.09	.04	.01											.20	
GRANTSVILLE									.01	.01			.05	.07											.19	
LEONARDTOWN																										
LUKE												.10		.01	*	*	*	*	*	.03					.11	
SALISBURY MUNICIPAL AIRPORT 6																										
SHARPTOWN																.03	.05	.02							.10	
SINES DEEP CREEK				.02		.01					.02	.14	.08			.05	.02								.31	
UNIONVILLE											.02	.02	.22	.01	.01	.09	.02			.01					.40	
WASHINGTON WB CITY DC								.01	.05	.05	.12			.01	.01	.01				.01					.26	
DELAWARE																										
WILMINGTON AIRPORT 6									*	*	*	*	*	.09	*	*	*	*	*	.26						
MARYLAND																										
ABERDEEN PHILLIPS FIELD								.02				.02	.01												.05	
BALTIMORE WB AIRPORT 6								*	*	*	*	*	.02		.02										.01	
BALTIMORE WB CITY															.01										.02	
BELTSVILLE PLANT INDUSTRY NO 5		.01	.01													.01	.01	.01	.01						.07	
COCKEYSVILLE		.01	.01																						.13	
GRANTSVILLE											.04	.04	.05												.16	
SINES DEEP CREEK											.10	.01	.03	.02		.03	.02								.05	
UNIONVILLE																										
MARYLAND																										
BALTIMORE WB AIRPORT 6								*	*	*	*	*	*	.03											.03	
BALTIMORE WB CITY														.03											.03	
COCKEYSVILLE																									.29	
GRANTSVILLE			.03	.04	.02	.18	.02	.03																	.05	
SINES DEEP CREEK							.02	.03																	.04	
UNIONVILLE								.03	.01																	
DELAWARE																										
WILMINGTON AIRPORT 6			*	*	*	*	*	.01	*	*	*	*	*	.08												
MARYLAND																										
COCKEYSVILLE																		.02							.02	
GRANTSVILLE																									.02	
LUKE	.01	.02						.01	.01																.05	
SINES DEEP CREEK																									.08	
MARYLAND																										
ABERDEEN PHILLIPS FIELD			.02	.02	.01	*	*	.01																	.05	
BALTIMORE WB AIRPORT 6			*	*	*	*	*	.01																	.01	
BALTIMORE WB CITY			.01																						.28	
GRANTSVILLE	.06	.11	.01				.09	.01																	.26	
SALISBURY MUNICIPAL AIRPORT 6															*	*	*	*	*	.05					.26	
SINES DEEP CREEK	.04			.02	.01	.01	.07	.10	.01																.03	
WASHINGTON WB CITY DC			.03																							
DELAWARE																										
WILMINGTON AIRPORT 6			*	*	*	*	*	.06																		
MARYLAND																										
SINES DEEP CREEK																	.01								.01	
MARYLAND																										
BETHESDA											.02														.02	
GLEN ECHO																		.02							.02	
GRANTSVILLE																	.02			.02	.02	.01	.02		.09	
LUKE																				.04	.05	.05	.15		.15	
SINES DEEP CREEK																	.01	.02	.03	.01	.02	.04	.01		.14	

See reference notes following Station Index.

DAILY TEMPERATURES

MARYLAND AND DELAWARE

APRIL 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 FIELD	MAX	43	57	57	59	55	56	62	58	62	61	61	69	60	74	83	55	56	58	55	68	74	62	72	58	61	78	75	63	63	71	62.9
	MIN	36	35	36	36	29	43	37	35	35	36	38	34	50	52	50	36	34	45	39	39	38	47	48	43	39	47	57	44	38	38	40.5
ANNAPOLIS U S NAVAL ACAD	MAX	45	52	57	60	52	59	58	55	60	59	57	67	59	72	84	51	55	56	55	62	66	62	73	59	57	72	72	63	61	68	60.9
	MIN	38	36	45	42	44	45	44	43	40	39	46	45	51	53	54	39	36	47	43	41	49	54	52	49	46	50	61	52	45	48	45.9
BALTIMORE WB AIRPORT	MAX	47	56	59	59	55	58	60	57	61	63	61	70	74	83	53	58	58	57	66	74	63	72	60	63	77	75	65	65	72	63.6	
	MIN	39	37	44	43	40	44	42	44	40	40	46	43	53	54	53	38	36	48	43	43	46	53	51	49	43	48	59	49	41	46	45.2
BALTIMORE WB CITY	MAX	45	56	57	61	55	58	60	59	61	63	61	69	61	75	85	53	58	57	56	66	73	62	73	60	64	84	76	65	64	71	63.6
	MIN	40	38	45	45	42	44	43	45	40	42	48	45	53	56	53	38	37	49	43	43	48	56	51	49	45	49	62	52	44	49	46.5
BALTIMORE HAMILTON	MAX	44	58	58	57	56	56	60	57	60	62	60	69	63	74	84	58	56	55	65	71	67	71	66	63	79	76	74	64	71	64.3	
	MIN	38	34	39	41	35	42	40	41	36	36	41	38	50	53	52	40	33	45	35	37	40	49	41	44	36	44	57	52	36	40	41.5
BATTERY PARK	MAX	51	58	60	60	58	60	58	59	60	62	62	69	65	74	84	77	58	59	55	65	79	70	73	65	65	84	83	68	73	66.0	
	MIN	39	31	41	41	33	35	34	35	33	31	42	38	51	50	43	38	40	44	33	34	43	55	47	43	37	42	58	47	34	38	40.0
BELTSVILLE	MAX	52	48	58	59	59	55	57	58	59	50	62	68	66	73	84	46	47	60	55	65	77	61	71	59	64	83	71	64	65	62.1	
	MIN	39	30	34	41	29	40	33	35	35	29	38	34	48	51	46	38	31	32	32	36	34	44	45	40	37	37	49	51	30	33	37.7
BELTSVILLE PLT IND NO 1	MAX	52	50	58	59	60	54	59	57	56	60	61	63	68	66	73	84	49	57	59	55	65	78	61	72	60	65	85	72	65	63	62.9
	MIN	38	32	33	40	29	40	29	33	36	30	38	34	50	49	46	41	31	40	31	34	34	43	43	40	38	36	54	50	30	33	37.0
BELTSVILLE PLT IND NO 2	MAX	53	48	57	60	56	60	60	60	60	62	62	68	67	73	85	56	58	59	67	74	63	74	61	72	60	65	83	73	65	66	62.1
	MIN	39	30	32	41	27	41	28	31	36	27	33	31	49	44	42	30	42	30	31	33	41	42	38	37	35	54	49	28	31	37.0	
BELTSVILLE PLT IND NO 3	MAX	52	48	57	59	54	59	58	59	59	61	63	68	66	73	84	51	57	59	55	65	77	60	72	60	64	84	72	65	65	62.8	
	MIN	39	33	37	40	33	41	35	37	36	34	40	36	51	51	50	42	31	42	33	36	37	46	46	41	39	36	56	52	36	35	40.0
BELTSVILLE PLT IND NO 4	MAX	52	48	57	59	59	54	59	57	58	59	62	63	69	65	73	83	48	57	58	54	65	68	60	72	59	64	84	71	65	67	62.3
	MIN	39	34	38	41	38	47	35	38	36	35	41	38	51	51	52	42	31	41	34	36	43	49	46	42	49	44	57	51	37	39	41.8
BELTSVILLE PLT IND NO 5	MAX	51	50	57	60	59	55	58	58	58	59	61	62	67	66	73	84	48	57	59	55	66	78	61	73	61	65	83	72	65	66	62.9
	MIN	40	30	32	41	27	42	28	31	36	27	36	36	51	50	46	42	29	41	31	31	33	46	45	43	37	53	46	27	27	37.3	
BELTSVILLE PLT IND NO 6	MAX	53	48	57	60	56	60	60	60	60	62	62	68	67	73	85	56	58	59	67	74	63	74	61	72	60	65	83	73	65	66	63.8
	MIN	38	32	35	40	35	40	38	38	38	34	40	36	50	50	40	30	41	32	35	38	46	45	43	37	39	58	52	37	35	40.0	
BENSON POLICE BRKS	MAX	53	55	57	57	58	56	61	63	59	60	60	69	68	72	81	80	55	56	57	64	73	71	70	68	61	74	75	73	62	70	64.6
	MIN	35	31	31	39	26	40	35	36	33	32	33	31	46	49	46	39	31	41	32	35	33	44	43	40	34	39	53	49	30	35	37.4
BLACKWATER	MAX	48	56	58	56	56	61	60	58	59	59	68	66	74	82	78	55	55	57	63	70	68	70	68	60	74	74	63	62	70	63.6	
	MIN	39	36	39	44	34	46	45	44	41	34	46	47	54	54	56	45	37	47	41	41	47	52	52	50	43	48	58	54	34	40	44.9
BRIGHTON DAM	MAX	49	57	69	59	60	57	59	59	58	60	60	62	60	68	78	76	56	58	56	64	74	74	70	70	61	84	85	75	65	72	65.2
	MIN	39	33	34	43	26	40	30	33	28	26	45	33	50	50	44	41	30	43	31	29	33	42	43	39	33	35	54	46	27	44	37.5
BRIGHTWOOD DC	MAX	53	50	57	59	60	55	59	60	59	60	62	60	68	65	73	84	51	57	59	56	66	62	61	73	62	65	84	71	65	65	63.2
	MIN	40	36	41	43	40	42	41	42	39	38	46	44	52	53	53	43	35	41	39	42	49	58	52	51	42	45	54	55	42	44	44.7
BROOKSIDE MANOR	MAX	51	60	62	60	59	60	61	61	63	64	70	65	75	86	79	60	61	56	68	79	74	73	65	65	84	83	69	68	74	67.2	
	MIN	40	35	39	43	31	42	31	34	38	36	40	37	52	52	47	43	32	46	33	37	36	46	46	43	41	40	58	48	31	34	40.4
CAMBRIDGE	MAX	46	58	60	56	57	61	62	57	59	60	58	74	64	74	86	74	59	56	57	65	82	68	74	64	62	79	70	64	66	74	64.9
	MIN	40	44	37	40	35	46	43	43	42	35	45	47	54	46	58	45	37	43	43	43	42	48	50	47	43	46	57	56	40	40	44.9
CHARLOTTE HALL	MAX	50	58	60	59	57	62	62	58	61	62	62	69	63	75	85	78	58	58	59	66	77	71	77	72	64	84	81	66	67	70	66.4
	MIN	42	34	38	36	35	43	40	39	35	36	42	47	54	48	55	45	33	33	36	37	45	55	54	48	41	46	58	53	40	50	43.3
CHELTENHAM	MAX	51	48	59	60	59	54	60	60	61	61	62	61	71	64	75	84	59	56	60	57	65	78	60	76	62	65	83	70	65	63	63.6
	MIN	39	35	38	41	33	42	40	35	34	39	42	45	52	50	52	43	30	41	34	37	45	54	51	51	42	41	51	53	35	38	42.1
CHESTERTOWN	MAX	52	51	60	60	58	59	63	60	60	62	60	68	67	73	85	56	58	59	67	74	63	74	64	78	74	65	67	65	67	78	64.8
	MIN	39	32	40	40	35	45	43	42	38	36	41	38	51	52	52	40	35	46	39	39	44	49	50	46	39	58	50	36	41	42.5	
CHEWSVILLE BRIDGEPORT	MAX	47	56	57	59	57	51	60	57	58	63	62	69	63	73	79	59	56	55	53	66	74	68	69	60	62	66	75	65	65	71	63.2
	MIN	39	30	34	37	31	37	37	36	34	30	35	34	52	53	50	38	29	41	37	36	35	48	45	46	35	40	49	32	35	39	39.2
CLEAR SPRING	MAX	48	55	59	60	53	52	61	57	57	65	62	70	65	75	78	61	57	56	52	68	74	70	70	64	64	87	84	64	65	71	64.1
	MIN	38	32	35	39	37	36	38	36	36	33	38	42	50	53	51	38	32	41	40	39	37	52	48	46	36	41	62	49	38	38	41.0
COLEMAN	MAX	46	64	66	66	58	60	62	62	62	71	62	74	78	77	65	57	59	72	80	87	72	65	66	79	75	74	61	78	68.0		
	MIN	37	34	36	43	37	43	41	44			40			51	52	43	35	44	41	41	43	47	50	46	41	4					

DAILY TEMPERATURES

MARYLAND AND DELAWARE

APRIL 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	
HANCOCK FRUIT LAB	MAX	53	46	47	61	61	56	53	65	55	59	67	66	71	63	78	78	45	59	57	46	68	77	69	70	55	63	86	79	68	68	63.1
	MIN	40	28	36	24	35	33	33	32	28	31	31	43	53	38	26	36	32	31	45	37	32	31	45	38	46	32	33	42	37	31	34.8
HUNTINGTOWN	MAX	48	56	58	60	56	60	61	59	60	62	60	68	63	75	85	80	58	59	58	66	76	67	77	72	61	84	73	65	64	71	65.4
	MIN	39	33	37	40	39	42	40	39	36	34	42	47	52	49	56	42	32	45	37	37	45	55	52	49	39	45	60	53	42	38	43.2
KEEDYSVILLE	MAX	50	59	60	60	55	55	62	56	62	66	63	71	65	75	78	64	60	56	55	67	76	68	70	63	65	86	79	72	68	73	65.3
	MIN	39	27	40	37	28	35	38	33	32	29	36	34	52	52	53	39	28	42	35	29	36	53	39	46	33	44	60	46	29	36	38.7
LA PLATA	MAX	50	60	64	61	61	63	59	60	62	64	60	70	67	74	84	82	60	68	68	65	79	76	76	70	65	84	81	68	65	73	68.0
	MIN	39	36	42	43	34	42	39	36	34	41	45	54	54	52	42	32	46	36	33	44	53	54	48	42	46	59	52	39	38	43.0	
LEONARDTOWN	MAX	52	58	59	59	58	62	63	61	62	63	62	70	66	76	85	81	59	58	61	66	76	69	78	70	76	84	82	65	63	71	67.2
	MIN	42	34	39	45	34	44	40	41	36	35	45	51	54	50	55	46	34	47	37	49	57	55	52	50	42	61	55	42	40	45.0	
MILLINGTON	MAX	44	62	59	60	59	60	63	60	63	65	61	71	61	77	84	75	60	59	60	69	77	67	76	62	64	80	75	67	68	78	66.2
	MIN	38	31	36	44	29	45	42	43	36	33	38	34	51	52	52	44	34	46	39	38	42	48	45	40	45	59	51	33	37	41.8	
NATIONAL ARBORETUM DC	MAX	49	59	62	61	61	60	60	61	60	63	63	72	70	75	86	85	59	62	63	67	79	77	75	74	65	85	71	68	73	68.3	
	MIN	40	35	40	42	33	42	40	40	39	38	43	39	52	51	49	42	32	45	38	40	45	52	51	48	40	44	59	51	32	38	42.7
OCEAN CITY	MAX	46	55	50	56	52	64	65	56	62	62	55	62	56	78	64	55	60	54	63	65	62	54	63	55	60	61	76	68	63	68	60.3
	MIN	41	38	44	45	45	43	48	45	42	40	45	45	46	49	51	48	45	36	47	45	40	49	52	51	50	45	45	56	49	50	45.9
OWINGS FERRY LANDING	MAX	48	58	58	60	55	60	61	60	62	63	60	69	63	75	85	78	58	60	59	67	78	66	78	70	64	83	79	67	63	72	66.0
	MIN	38	34	39	40	32	42	40	38	36	35	40	45	51	49	52	42	33	44	38	38	45	53	45	44	43	42	59	53	35	39	42.7
OXFORD	MAX	47	56	61	58	58	62	62	61	61	62	58	73	65	73	78	70	58	57	65	68	68	73	67	61	77	77	65	63	72	64.4	
	MIN	39	39	39	44	40	44	46	45	41	41	46	47	52	52	55	45	38	48	43	44	48	53	50	48	43	49	60	54	42	43	45.9
PICARDY	MAX	50	58	62	59	56	51	63	52	57	65	65	71	63	73	75	59	58	58	52	67	77	72	71	64	69	85	80	73	66	74	65.7
	MIN	40	29	33	35	29	32	37	38	35	27	38	39	53	52	51	35	28	40	39	34	40	51	50	44	36	38	60	46	36	37	39.8
PIKESVILLE POLICE BRKS	MAX	45	57	57	59	58	59	60	58	61	62	62	69	62	73	83	82	56	55	54	65	76	70	71	67	64	82	81	74	64	71	65.2
	MIN	38	34	40	36	33	41	39	39	35	34	40	38	50	52	53	41	32	44	35	37	46	48	45	39	42	58	51	37	39	41.1	
POCOMOKE CITY	MAX	50	58	51	59	60	64	64	63	64	64	69	68	75	88	71	56	58	61	65	75	66	76	69	64	79	74	70	72	72	63.5	
	MIN	42	36	37	44	34	43	41	39	40	37	40	50	54	52	45	39	45	44	36	44	53	45	44	43	42	59	53	35	39	42.5	
PRESTON	MAX	45	58	60	59	58	62	63	61	59	60	64	71	72	74	83	80	56	57	65	74	72	74	70	62	78	78	68	68	77	66.1	
	MIN	41	34	35	43	32	45	43	42	39	35	40	44	53	54	52	45	47	39	39	47	52	49	47	41	44	60	54	34	39	43.6	
PRETTYBOY DAM	MAX	40	56	53	56	54	51	58	55	58	60	61	68	62	70	80	72	53	49	50	63	71	66	67	63	71	78	72	61	70	61.8	
	MIN	35	31	35	38	33	39	37	37	33	33	41	37	48	50	50	38	29	40	34	38	42	48	47	43	36	41	55	48	33	36	39.5
PRINCESS ANNE	MAX	50	58	56	59	59	62	64	60	59	61	63	72	69	75	83	82	56	60	60	65	74	71	76	74	64	76	76	67	74	66.4	
	MIN	41	33	34	44	40	46	37	41	39	30	44	50	54	52	60	44	38	45	40	33	41	55	45	42	45	58	59	54	30	36	43.3
RANDALLSTOWN POLICE BRKS	MAX	43	58	56	58	58	50	59	56	59	61	61	68	66	73	83	78	56	57	54	64	75	72	70	66	61	83	82	74	63	71	64.5
	MIN	37	32	32	36	32	40	35	36	33	35	37	49	51	50	40	31	36	35	33	41	55	45	42	37	40	56	53	31	39	42.7	
RIDGELY	MAX	45	58	60	58	57	62	60	60	60	60	60	70	66	74	83	77	56	58	67	65	75	69	74	69	62	79	78	72	68	77	65.6
	MIN	40	34	41	44	36	45	44	43	36	36	39	38	51	52	54	46	38	44	43	43	49	52	50	47	39	40	61	51	39	43	43.9
RIVERDALE	MAX	50	60	62	62	57	61	60	60	62	64	64	72	64	77	87	70	60	62	57	68	80	62	75	65	67	86	76	70	74	66.8	
	MIN	40	33	36	41	29	40	31	34	35	30	38	35	52	52	45	42	32	33	33	35	45	45	43	38	38	58	43	29	34	38.4	
ROCK HALL	MAX	46	56	60	60	56	58	60	58	62	61	60	72	66	74	80	73	56	59	57	65	73	64	71	66	62	77	73	65	61	71	64.1
	MIN	38	35	39	42	32	44	45	44	40	40	40	36	51	52	52	44	37	46	46	43	48	53	49	45	40	49	59	49	36	39	43.8
ROCKVILLE	MAX	52	57	58	60	60	58	57	58	58	60	61	68	67	72	83	82	55	57	57	64	75	74	71	71	60	82	83	71	64	70	65.5
	MIN	39	34	41	42	40	40	38	40	36	36	44	51	52	54	42	32	44	36	39	45	54	48	47	40	44	58	52	49	40	42.9	
ROYAL OAK	MAX	47	55	61	58	57	62	60	60	61	61	58	71	84	74	82	76	57	59	65	74	69	75	69	62	79	75	65	63	63	72	64.8
	MIN	39	38	39	43	35	45	45	42	40	35	45	44	53	52	54	45	37	47	38	43	48	52	51	45	43	49	61	54	35	41	44.6
SALISBURY	MAX	48	59	58	59	63	67	61	59	61	65	68	67	74	81	81	56	59	60	65	74	72	76	71	63	75	74	69	68	75	66.2	
	MIN	40	34	36	43	31	45	38	40	39	35	40	47	51	51	43	43	37	46	41	39	44	53	50	47	42	61	60	54	33	39	42.7
SALISBURY POLICE BRKS	MAX	46	58	63	58	58	62	63	60	60	61	63	70	66	76	83	81	57	60	60	65	74	72	77	72	65	76	75	73	67	75	66.2
	MIN	40	34	34	33	31	45	38	38	39	32	40	46	51	50	51	43	38	45	42	39	43	52	52	46	46	61	60	56	34	34	42.8
SALISBURY MUNICIPAL APT	MAX	45	58	51	58	59	62	64	60	62	63	69	66	75	84	61	57	60	60	65	75	65	75	65	67	63	77	74	68	62	73	64.6
	MIN	38	34	36	33	31	48	37	38	39	33	41	47	52	52	51	42	38	47	42	35	40	53	50	46	41	56	39	33	39	41.7	
SINES DEEP CREEK	MAX	52	54	51	51	53	42	51	47	51	58	64	69	62	67	62	35	48	53	40	59	69	64	59	47	65	76	70	63	67	72	57.4
	MIN	31	27	29	27	24	32																									

STATION INDEX

MARYLAND AND DELAWARE

APRIL 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.		
DELAWARE														
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
GEORGETOWN	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	8P	8P	5	5		E E LYNCR	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		G C PRICE	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	9670	NEW CASTLE	COASTAL	39 45	75 33	99	EST		5P		56		STREET DEPARTMENT	
WILMINGTON PORTER RESERVOIR	9605	NEW CASTLE	COASTAL	39 46	75 32	260	EST	MID	MID	38	38		WATER DEPARTMENT	2 3 5
DISTRICT OF COLUMBIA														
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	9280		POTOMAC	38 54	77 03	72	EST	MID	MID	79	79		U S WEATHER BUREAU	2 3 4 5
MARYLAND														
ABERDEEN PHILLIPS FIELD	0015	HARFORD	CHESAPEAKE	39 28	76 10	62	EST	MID	MID	31	31		U S ARMY	2 3 5
ANNAPOLIS U S NAVAL ACADEMY	0185	ANNE ARUNDEL	CHESAPEAKE	38 59	76 28	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 23	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	8A	8A	12	12		J B SHEPHERD	2 3 4 5 6
BERSON 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	3
BROOKDALE	1170	MONTGOMERY	POTOMAC	38 57	77 06	260	EST		7P		4		B FRANCIS DAHSIALL	3
BROOKSIDE MANOR	1180	PRINCE GEORGES	POTOMAC	38 58	76 58	50	EST	6P	6P	4	4		RALPH HIGGS	2 3 5
BURTT 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	7P	7P	55	55		D'ARCY HARDING	2 3 5
CHARLOTTE HALL	1685	ST MARTS	PATUXENT	38 28	76 44	167	EST	6P	6P	28	28		J B TENNYSON	2 3 5
CHELTERHAM	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 44	560	EST	SS	SS	52	52		D PAUL OSWALD	2 3 5
CLEAR SPRING	1890	WASHINGTON	POTOMAC	39 40	77 54	560	EST	5P	5P	50	50		MRS L A COHILL	2 3 5
COCKEYSVILLE	1960	BALTIMORE	CHESAPEAKE	39 27	76 39	390	EST		MID		2		D M PARES	3 4
COLEMAN	1980	KENT	CHESAPEAKE	39 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	5P	5P	63	63		R G BROWN	2 3 5
CONOWINGO DAM	2060	HARFORD	SUSQUEHANNA	39 39	76 10	40	EST	MID	MID	14	14		SUSQUEHANNA ELEC 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 48	623	EST	6P	6P	79	79		R R GOLDEN	2 3 5
CUMBERLAND POLICE BARRACKS	2285	ALLEGANY	POTOMAC	39 40	78 47	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
EASTON POLICE BARRACKS	2700	TALBOT	CHESAPEAKE	38 46	76 01	60	EST	5P	5P	59	59		MD STATE POLICE	2 3 5
EDGMONT	2770	WASHINGTON	POTOMAC	39 40	77 33	920	EST		8A		11		LEE G HARNE	3
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 30	76 24	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	287	EST	5P	5P	80	80		D J MARKEY JR	2 3 5
FREDERICK POLICE BARRACKS	3348	FREDERICK	POTOMAC	39 25	77 25	380	EST	5P	5P	2	2		MD STATE POLICE	2 3 5
FREDERICK WB AIRPORT	3350	FREDERICK	POTOMAC	39 25	77 23	294	EST	10P	6	6	6		U S WEATHER BUREAU	2 3 5
FREDERICK 3 MI E	3355	FREDERICK	POTOMAC	39 24	77 22	385	EST		8A		1		GLENNA 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 55	2100	EST	6P	6P	48	48		C A SUTER JR	2 3 5
GERMANTOWN	3585	MONTGOMERY	POTOMAC	39 10	77 23	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
GLENELG	3855	HOWARD	PATUXENT	39 16	76 59	630	EST	6P	6P	3	3		JACOB S BROWN	2 3 5
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 57	76 13	8	EST	6P	6P	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 39	77 44	660	EST	6P	6P	8	8		WILLIAM M HAMBLY	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	7P	7P	14	14		ELMER O BOWEN	2 3 5
KEDYSVILLE	4780	WASHINGTON	POTOMAC	39 29	77 42	420	EST	6P	6P	46	46		TRAVIS D KNOEDER	2 3 4 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 MARTS	POTOMAC	38 18	76 38	100	EST	5P	5P	15	15		THOMAS E STOKEL	2 3 4 5
LUKE	5530	ALLEGANY	POTOMAC	39 29	79 03	950	EST		8A		12		J G PATRICK	3 4
MARYLAND LINE	5715	BALTIMORE	CHESAPEAKE	39 43	76 39	840	EST	5P	5P	25	25		CLODIO	2 3 5
MILLINGTON	5985	KENT	CHESAPEAKE	39 15	75 50	27	EST	SS	SS	52	52		HENRY L RIGMAN	2 3 5
OAKLAND	6620	GARRETT	MONONGAHELA	39 24	79 24	2420	EST	5P	5P	52	52		R E WEBER	2 3 5
OWINGS FERRY LANDING	6770	CALVERT	CHESAPEAKE	38 42	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	2 3 5
PATUXENT RIVER	6915	ST MARTS	COASTAL	38 17	76 24	74	EST		MID		6		U S NAVAL AIR STATION	3 4
PERRY POINT	6980	CECIL	CHESAPEAKE	39 34	76 04	40	EST	6P	6P	9	9		VETERANS ADMINISTRATION	3
PICARDY	7010	ALLEGANY	POTOMAC	39 33	78 30	1030	EST	6P	6P	23	23		OSCAR R DAY	2 3 5
PIKESVILLE POLICE BARRACKS	7015	BALTIMORE	PATAPSCO	39 22	76 43	485	EST	5P	5P	2	2		MD STATE POLICE	2 3 5
POCOMOK CITY	7140	WORCESTER	CHESAPEAKE	38 04	75 34	16	EST	5P	5P	21	21		RAYMOND PHILLIPS	2 3 5

STATION INDEX

APRIL 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.		
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				CHARLES O SCHICK	3
ROCK HALL	7700	KENT	CHESAPEAKE	39 08	76 14	15	EST	6P	6P	36	36		EDWIN URIE	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	6P	6P	2	2		J L SWAINE JR	2 3 5
SALISBURY	8000	WICOMICO	CHESAPEAKE	38 22	75 37	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				ANNA WILT	3
SHARPTOWN	8210	WICOMICO	CHESAPEAKE	38 33	75 43	10	EST		MID		8		WALTER G MANN	3 4
SINES DEEP CREEK	8315	GARRETT	YOUGHIOGHENY	39 31	79 25	2030	EST	MID	MID	25	25		C E MAC MURRAY	2 3 4 5
SNOW HILL	8340	WORCESTER	CHESAPEAKE	38 11	75 24	18	EST	5P	5P				J OSCAR CARMEAN	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 BALTO AVE	8720	MONTGOMERY	POTOMAC	38 59	77 01	320	EST	6P	6P	51	51		CLOSED	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 12	550	EST	6P	6P	25	25		R SAMUEL DILLON JR	2 3 5
TOWSON	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 SEAMON	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	8507	BALTIMORE	CHESAPEAKE	39 37	76 38	350	EST		5P		2		BLAINE MC COLLUM	3
WILLIAMSPORT	9570	WASHINGTON	POTOMAC	39 37	77 51	360	EST		7A		11		R C WILLSON	3
WILLIS SCHOOL FILTER 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														
BELTSVILLE AGR RESEARCH ADM 1	0701	PRINCE GEORGES	POTOMAC	39 02	76 56	160	EST	9A	9A				H P SEVY	2 3 5
BELTSVILLE AGR RESEARCH ADM 2	0702	PRINCE GEORGES	POTOMAC	39 02	76 56	136	EST	9A	9A				H P SEVY	2 3 5
BELTSVILLE AGR RESEARCH ADM 3	0703	PRINCE GEORGES	POTOMAC	39 02	76 56	200	EST	9A	9A				H P SEVY	2 3 5
BELTSVILLE AGR RESEARCH ADM 4	0704	PRINCE GEORGES	POTOMAC	39 02	76 56	265	EST	9A	9A				H P SEVY	2 3 5
BELTSVILLE AGR RESEARCH ADM 5	0705	PRINCE GEORGES	POTOMAC	39 01	76 57	100	EST	9A	9A				H P SEVY	2 3 4 5
BELTSVILLE AGR RESEARCH ADM 6	0706	PRINCE GEORGES	POTOMAC	39 01	76 57	215	EST	9A	9A				H P SEVY	2 3 5

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.

Stations appearing in the Index, but for which data are not listed in the tables, are either missing or received too late to be included in this issue.

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.

When hourly precipitation is missing or accumulated for several days, only the first and last days are shown in Table 4.

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.

+ And also on later 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.

Subscription Price: 15¢ per copy; \$1.50 a year. (Yearly subscription includes Annual Summary.) Correspondence regarding subscriptions should be addressed to the Weather Records Processing Center, Federal Building, Albany 1, N. Y.