

U. S. DEPARTMENT OF COMMERCE
SINCLAIR WEEKS, Secretary
WEATHER BUREAU
F. W. REICHELDERFER, Chief

CLIMATOLOGICAL DATA

MARYLAND AND DELAWARE

APRIL 1957

Volume LXI No. 4



WEATHER SUMMARY

GENERAL

April was unusually warm, being the sixth warmest of record for Maryland and the fourth warmest for Delaware. Precipitation was below average in southern Delaware and in southern and eastern Maryland but near or above average elsewhere, generally by small amounts. Snowfall was light in all areas.

Much the greater portion of the month's precipitation fell during the first nine days. There were frequent periods of rain later but, as a rule, they were very light. The greatest 24 hour precipitation fell on the 2nd or 5th except in eastern and southern counties where it was on the 8th or 9th. The central and northern eastern shore portions of Maryland and southern Delaware averaged less than two inches of rainfall during the month while western Maryland averaged over four inches.

All divisions of the two states reported temperatures which averaged about three to five degrees above the seasonal level. The first two and a half weeks were slightly cool but this was more than offset by unusual warmth the latter part of the month. Readings near 90° on the 21st made it the warmest Easter of record for many locations.

WEATHER DETAILS

Rising temperatures on the 1st and 2nd occurred as a High moved eastward off the coast of Maryland and Delaware. Moderate to heavy rains during the periods were associated with a Low which moved northeastward up the Ohio River Valley. Moderate to heavy rains again on the 4th and 5th came in conjunction with a frontal system which moved eastward over the area. Thunderstorms on the 5th associated with a cold front brought the heaviest daily rainfall amounts for the month.

A well-developed Low which moved eastward over the area on the 8th brought moderate rains over the entire area. Strong winds followed the cold front passage. A cold front associated with a Low over New England passed over the area on the 12th followed by some light scattered snow showers early on the 13th. Cool, sunny weather from the 14th through the 16th occurred as an extensive High from the Midwest overspread the area. Rising temperatures occurred over Maryland and Delaware on the 16th as this large High moved off the Atlantic Coast bringing a flow of warmer air from the south. A few light scattered rain showers or some drizzle occurred from the 17th through the 30th; however, abundant sunshine and moderate winds contributed to considerable drying of soils. Temperatures remained generally well-above average from the 17th to 30th as the general flow of air from the South continued.

Dense fogs occurred on the 5th, 19th, 20th, and 26th, in connection with light rain and drizzle.

WEATHER EFFECTS

As April began, soil moisture supplies were generally high with conditions best described

as "wet" over the two-state area. High relative humidities due to rainy weather early in the month were ideal for Southern Maryland farmers to strip and pack tobacco for marketing. Wet soils interfered with plowing for corn, seeding of spring oats, and other field work, particularly on heavier and more poorly drained soils. However, despite widespread rainfall during the first week, farmers were able to accomplish some field work in places.

Cool weather conditions during the second week continued to dominate the agricultural scene and held back the development of growing crops, especially in northern counties. Below freezing temperatures on the 10th, 11th, 13th, 14th, 15th, and 16th resulted in some light damage to strawberries and tree fruits. The greatest damage occurred to peaches on the lower Delmar Peninsula where most varieties suffered some injury. In Washington County damage was confined to a few low-lying peach orchards where blossoms were further advanced.

Warm, relatively dry, and windy weather during the last two weeks contributed to a rapid drop in soil moisture. Higher temperatures stimulated rapid growth in crops but favored an increase in insect populations, especially the alfalfa weevil. Hay and pasture crops were particularly benefited by the warmer weather. Drying soil conditions permitted a peak level of plowing for corn, preparation of land for soybeans, tobacco, and vegetable crops.

Hot, dry weather from the 21st to 28th contributed to drying of tobacco beds and decreased the chances for blue mold development.

By the end of the month, soil moisture had generally decreased to critical levels for shallow-rooted vegetation in Southern Maryland and Delmar Peninsula districts. Dry soils in some districts were interfering with plowing and seed bed preparation. In western counties, however, soil moisture supplies were still adequate for growing crops.

DESTRUCTIVE STORMS

Strong winds on the 9th associated with a cold front passage caused some damage to property. At Knoxville, Frederick County, Maryland, two house trailers were blown over and severely damaged by strong winds and gusts. Personal belongings were scattered by the winds. At Fort George G. Meade, Maryland strong winds snapped off a road gate and overturned one aircraft. A peak gust of 80 mph from the Northwest was recorded at Annapolis U. S. Naval Academy at 4:30 a.m. on the 9th. Elsewhere, over Maryland and Delaware gusts snapped off tree limbs and knocked out some electric and telephone service.

FLOODS

None.

Howard H. Engelbrecht
State Climatologist
U. S. Weather Bureau
Baltimore, Maryland

CLIMATOLOGICAL DATA

MARYLAND AND DELAWARE
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TABLE 2

Station	Temperature											Precipitation													
	Average Maximum	Average Minimum	Average	Departure From Long Term Means	Highest	Date	Lowest	Date	Degree Days	No. of Days				Total	Departure From Long Term Means	Greatest Day	Date	Snow, Sleet			No. of Days				
										Max.	Min.	gt or Abn. or Below	32° or Below					0° or Below	Total	Max. Depth on Ground	Date	.10 or More	.50 or More		
MARYLAND																									
SOUTHERN EASTERN SHORE																									
CRISFIELD	69.1	50.7	59.9	3.1	85	28	32	13	209	0	0	1	0	2.72	-.92	.93	9	T	0	0	0	8	1	0	
OCEAN CITY	65.6	48.5	57.1		89	21	33	13	266	0	0	0	0	1.42		.90	8	T	0	0	0	4	1	0	
POCOMOKE CITY 4 SW	70.8	46.3	58.6		90	28	28	1+	241	1	0	0	7	2.31		.62	9	T	0	0	0	7	1	0	
PRINCESS ANNE 1 E	72.1	44.6	58.4		89	24+	21	11	249	0	0	0	9	2.42		1.03	9	T	0	0	0	5	1	1	
SALISBURY	73.1	47.6	60.4		90	21+	30	11+	213	2	0	5	0	3.17	-.16	1.87	9	T	0	0	0	7	1	1	
SALISBURY POLICE BRKS	71.7M	46.1	58.9M		90	21+	28	16	243	3	0	6	0	3.47		1.25	9	T	0	0	0	7	2	1	
SALISBURY CAA AIRPORT	70.0	46.4	58.2		91	28	29	11+	252	1	0	5	0	2.43		1.43	8	T	0	0	0	5	1	1	
SNOW MILL	71.8	45.8	58.8		92	21+	28	11+	248	3	0	6	0	2.24	-1.36	.77	9	T	0	0	0	6	1	0	
DIVISION			58.8		4.3									2.52	-.91				.4						
CENTRAL EASTERN SHORE																									
BLACKWATER REFUGE	69.2	47.4	58.3		88	21+	30	15	262	0	0	3	0	1.83		.60	9	T	0	0	1	13	6	1	0
CAMBRIDGE 4 W	69.4	46.4	57.9		88	21+	30	16	257	0	0	5	0	1.97		.53	21	T	0	0	0	8	1	0	
DENTON	71.0	45.3	58.2		93	28	28	11+	255	4	0	7	0	1.97		.45	8	T	0	0	0	7	0	0	
EASTON	70.7	47.4	59.1		91	28	31	13	241	3	0	3	0	1.46		.37	29	T	0	0	0	6	0	0	
EASTON POLICE BRKS	70.7	46.1	58.4		4.4	90	27	30	15	252	1	0	5	0	2.00	-1.59	.65	29	T	0	0	0	6	1	0
PRESTON 1 S	71.6	46.1	58.9		91	28	29	1+	241	3	0	6	0	1.39		.34	8	T	0	0	0	5	0	0	
ROYAL OAK	71.2	47.9	59.6		91	27+	32	13	226	3	0	1	0	1.57		.44	8	T	0	0	0	6	0	0	
VIENNA	72.0	47.2	59.6		91	21+	30	16	225	3	0	4	0	2.15		.46	22	T	1	13	7	0	0	0	
DIVISION			58.8		4.5									1.79	-1.65				1.4						
LOWER SOUTHERN																									
CHARLOTTE HALL 2 ESE	71.8	47.3	59.6		90	21+	29	15	225	2	0	4	0	2.19		.65	21	T	0	0	1	13	7	2	0
LA PLATA 1 W	71.3M	45.3M	58.3M		92	21+	26	11	248	3	0	5	0	1.71		.33	8	T	0	0	0	7	0	0	
LEONARDTOWN 4 SSW	71.6	46.9	59.3		91	21+	29	11	221	3	0	6	0	2.00		.51	9	T	0	0	0	6	1	0	
OWINGS FERRY LANDING	70.8	47.0	58.9		4.1	93	28	29	15	240	3	0	4	0	1.85	-1.72	.40	8	T	0	0	8	0	0	
PRINCE FREDERICK	71.0	46.2	58.6		92	21	27	11	244	2	0	6	0	1.97		.62	21	T	0	0	0	6	2	0	
SOLOMONS	67.2	49.6	58.4		3.2	82	21	32	13	221	0	0	1	0	2.87	-.62	.55	9	T	0	0	9	1	0	
WALDORF POLICE BRKS	72.0	45.8	58.9		92	28	28	11+	245	4	0	7	0	2.75		.57	2	T	0	0	0	9	2	0	
DIVISION			58.9		4.1									2.19	-1.36				1.0						
UPPER SOUTHERN																									
ANNAPOLIS U S N ACADEMY	63.1	47.7	55.4		1.9	91	21	32	13	314	1	0	1	0	1.64	-1.77	.31	2+	T	0	0	6	0	0	
ANNAPOLIS 2 WNW	67.1M	44.9M	55.6M		90	21	28	11+	323	1	0	7	0	1.93		.33	8	T	0	0	0	7	0	0	
BALTIMORE WB AIRPORT	66.7	45.7	56.2		3.8	90	27+	30	11	300	2	0	4	0	2.46	-1.26	.81	5	T	0	0	13	9	2	0
BELTSVILLE	66.8	42.8	54.8		91	28+	25	11+	339	2	0	8	0	2.98		.95	5	T	0	0	0	4	3	0	
BELTSVILLE PLANT STA 1	67.1	43.8	55.5		91	28+	25	11	321	2	0	7	0	3.02		.94	5	T	0	0	13	5	3	0	
BELTSVILLE PLANT STA 2	67.0	43.1	55.1		91	29	24	11	334	2	0	8	0	3.04		.94	5	T	0	0	13	4	3	0	
BELTSVILLE PLANT STA 3	67.3	44.7	56.0		92	29	26	11	309	2	0	6	0	2.98		.97	5	T	0	0	13	4	3	0	
BELTSVILLE PLANT STA 4	67.1	45.4	56.3		92	28	29	11	305	2	0	4	0	2.98		.97	5	T	0	0	13	4	3	0	
BELTSVILLE PLANT STA 5	67.7	42.6	55.2		92	29	23	11+	330	2	0	8	0	3.01		.96	5	T	0	0	13	4	3	0	
BELTSVILLE PLANT STA 6	68.0	45.7	56.9		92	29	27	11	290	3	0	4	0	3.01		.99	5	T	0	0	0	4	3	0	
COLLEGE PARK	71.8	45.5	58.7		4.6	94	28	27	11	246	4	0	7	0	2.99	-.37	1.19	5	T	0	0	6	2	1	
DALECARLIA RESVR D C	72.3	46.7	59.5		92	28	29	15	236	3	0	4	0	3.28		1.85	5	T	0	0	0	5	2	1	
DISTRICT HEIGHTS	71.8	43.7	57.8		94	28	25	11+	281	3	0	8	0	2.51		.88	2	T	0	0	0	6	2	0	
FORT GEORGE G MEADE	71.9	43.8	57.9		4.6	92	27+	24	15	273	3	0	8	0	2.78	-.72	.97	2	T	0	0	5	2	0	
GLENN DALE BELL STA	71.9	43.8	57.9		92	27+	24	15	273	3	0	8	0	2.78	-.72	.97	2	T	0	0	0	5	2	0	
GREENBELT	67.6	44.4	56.0		92	29	25	11	314	2	0	7	0	2.48		.78	2	T	0	0	13	4	2	0	
LAUREL 3 W	70.5	45.0	57.8		92	27+	24	11	274	3	0	4	0	3.27		1.07	5	T	0	0	13	4	3	1	
NATIONAL ARBOTETUM D C	72.9	47.8	60.4		94	28	31	14	227	4	0	4	0	2.77		.87	2	T	0	0	0	5	2	0	
SANDY POINT	66.5	46.7	56.6		88	21	31	13	284	0	0	1	0	1.92		.94	2	T	0	0	0	5	1	0	
U S SOLDIERS HOME D C	67.4	45.5	56.5		92	29	30	13	298	2	0	4	0	3.16		.90	5	T	0	0	0	4	3	0	
UPPER MARLBORO 3 NNN	68.5	45.0	56.8		93	29	27	11	296	3	0	6	0	1.87		.99	2	T	0	0	0	3	1	0	
WASHINGTON WB CITY D C	69.8	48.9	59.4		4.7	93	28	32	13	241	2	0	1	0	3.24	.04	1.47	5	T	0	0	6	2	1	
DIVISION			56.9		2.7									2.72	-.70				T						
NORTHERN EASTERN SHORE																									
CENTREVILLE	70.6	45.0	57.8		90	28+	26	16	265	2	0	7	0	1.56		.58	2	T	0	0	0	7	1	0	
CHESTERTOWN	68.0	45.7	56.9		92	28	31	11+	289	3	0	3	0	1.81		.66	2	T	0	0	0	7	1	0	
COLEMAN 3 WNW	68.4	46.4	57.4		3.5	90	27+	31	11	267	2	0	2	0	3.07	-.36	.90	2	T	0	0	8	2	0	
MILLINGTON	69.2	44.4	56.8		3.1	91	27	27	11+	284	2	0	8	0	1.95	-1.41	.84	2	T	0	0	13	6	1	0
ROCK HALL 3 N	68.8	44.7M	56.8M		3.2	90	27+	27	11	285	2	0	4	0	2.11	-1.41	.87	2	T	0	.5	0	5	1	0
STEVENSVILLE 1 W	68.3	47.1	57.7		86	21+	31	11+	261	0	0	2	0	1.41		.40	2	T	0	0	0	6	0	0	
DIVISION			57.2		3.6									1.99	-1.47				.1						
NORTHERN CENTRAL																									
ABERDEEN PHILLIPS FLD	65.0	44.8	54.9		2.9	88	21	30	11	326	0	0	2	0	3.75	.55	1.24	5	T	0	0	7	2	2	
BALTIMORE WB CITY	68.7	49.9	59.3		5.0	92	21	32	13	240	3	0	1	0	3.27	-.45									

CLIMATOLOGICAL DATA

MARYLAND AND DELAWARE
APRIL 1957

TABLE 2 - CONTINUED

Station	Temperature											Precipitation												
	Average Maximum	Average Minimum	Average	Departure From Long Term Means	Highest	Date	Lowest	Date	Degree Days	No. of Days				Total	Departure From Long Term Means	Greatest Day	Date	Snow, Sleet		No. of Days				
										Max.	Min.	90° or Above	32° or Below					32° or Below	32° or Below	Total	Max. Depth on Ground	Date	.10 or More	.50 or More
BETHESDA NAT INST HLTH	70.3	45.1	57.7		92	27+	29	11	258	2	0	0	0	1.89		.53	2	.0	0				1	0
BOYDS 2 NW	66.9	44.4	55.7		88	28	28	11+	313	0	0	0	0	3.56		1.49	3	.0	0				1	0
CONOWINGO DAM	65.2	44.3	54.8		89	28	28	11+	330	0	0	0	0	3.97		1.23	3	.0	0				1	0
CONOWINGO POLICE BRKS	67.3	43.7	55.5		90	28	27	11	321	1	0	0	0	3.77		1.42	3	.0	0				1	0
DUNDALK	68.2	46.3	57.3		90	21	29	11	276	1	0	4	0	3.03		.95	2	.0	0				1	0
ELKTON	67.4	44.8	56.1	3.7	91	28	27	11	311	3	0	6	0	3.56	.00	1.43	2	.0	0				1	0
EMMITSBURG 2 SE	67.2	43.7	55.5		89	28	24	11	321	0	0	6	0	3.83		1.35	3	.0	0				1	0
FREDERICK POLICE BRKS	67.8	45.8	56.8		90	28	27	11	297	1	0	4	0	3.55		.97	3	.0	0				1	0
FREDERICK WB AIRPORT	65.2	44.0	54.6	1.7	89	27+	24	15	338	0	0	5	0	4.31	.81	1.51	3	.0	0				1	0
MIDDLE RIVER 1 N	66.7	43.1	54.9		88	21	25	11	326	0	0	8	0	3.73		1.14	2	.0	0				1	0
PARKTON 2 SW	64.2	42.2	53.2		89	28	24	15	382	0	0	8	0	4.53		2.12	5	.0	0				1	0
PIKESVILLE POLICE BRKS	68.3	45.6	57.0		91	28	29	15	293	1	0	3	0	3.65		1.40	3	.0	0				1	0
RANDALLSTOWN POL BRKS	69.0	44.4	56.7		89	21	30	11+	293	0	0	6	0	3.20		1.00	2	.0	0				1	0
ROCKVILLE		48.4		M			29	11		0	0	2	0	2.87		1.06	3	.0	0				1	0
TAKOMA PARK MISS AVE	70.6	46.7	58.7		91	28	30	13	248	2	0	3	0	3.17		1.48	3	.0	0				1	0
TOWSON	69.4	43.7	56.6		90	27+	26	11	298	2	0	6	0	4.04	.18	1.66	5	.0	0				2	2
UNIONVILLE	67.0	42.0	54.5		90	27+	20	15	340	2	0	9	0	5.27		1.89	4	.0	0				2	2
VIERS MILL	71.4M	47.1M	59.3M		91	27	28	11+	211	2	0	6	0	3.61		1.88	5	.0	0				2	2
WATERLOO POLICE BRKS	69.4	44.0	56.7		91	27+	26	11	286	2	0	7	0	2.51		.85	5	.0	0				2	2
WESTMINSTER	66.0	43.2	54.6	2.7	91	28	25	15	338	2	0	7	0	4.58	.87	1.76	6	.0	0				1	0
WOODSTOCK	67.9	43.1	55.5	3.1	90	27+	25	11+	326	2	0	8	0	3.67	.15	1.64	5	.0	0				4	2
DIVISION			56.1	3.7										3.66	.09									
APPALACHIAN MOUNTAIN																								
CHEWSVILLE BRIDGEPORT	66.6	43.7	55.2	4.2	90	27	25	11	332	1	0	7	0	3.34	.30	1.07	5	.0	0			7	2	
CLEAR SPRING	66.7	43.1	54.9		88	27	25	11	332	0	0	5	0											
CUMBERLAND	67.2	44.6	55.9		90	27	25	15	325	1	0	6	0	4.16		1.00	2	.0	0			8	5	
CUMBERLAND POLICE BRKS	68.3	39.2M	53.8M		90	27	24	11	420	1	0	6	0	3.95		.63	8	.0	0			11	4	
FROSTBURG	64.3	41.3	52.8	3.4	88	27	21	3	399	0	0	10	0	4.83	1.33	.82	25	.6	0			11	4	
HAGERSTOWN	66.6	44.9	55.8		89	27	26	15	321	0	0	4	0	4.16		1.32	5	.0	0			10	2	
HANCOCK FRUIT LAB	64.7	41.9	53.3		90	28	22	11+	382	1	0	8	0	3.93	.86	.88	5	.0	0			9	4	
KEDYSVILLE	69.1	44.5	56.8	4.0	90	27	23	15	289	1	0	6	0	4.21	1.09	1.11	5	.0	0			11	3	
PICARDY	66.4	42.7	54.6		90	27	24	15	356	1	0	9	0	3.75	.80									
TONOLOWAY	66.4	42.2	54.3	2.9	91	27	23	11+	359	1	0	8	0	4.80	1.38	1.10	26	.0	0					
WESTERN PORT	67.4M	43.1M	55.3M	2.6	93	27	25	15	340	3	0	6	0	4.44	1.08	.62	9	.0	0			11	5	
DIVISION			54.8	3.0										4.13	.90									
ALLEGHENY PLATEAU																								
BITTINGER 2 NW	61.2M	38.6M	49.9M		84	27	17	15	463	0	0	12	0	5.11		.76	2	.3	T	6+	12	5		
NEW GERMANY	58.5	38.4	48.5		86	27	15	15	498	0	0	14	0	4.79		.84	9	.0	0			10	5	
OAKLAND 1 SE	64.3	37.8	51.1	4.1	86	27	15	15	423	0	0	11	0	3.47	.69	.78	8	4.0	0			11	2	
SAVAGE RIVER DAM	62.4	40.6	51.5		88	28	22	13	432	0	0	9	0	3.07		.79	5	.0	T			9+	6	
SINES DEEP CREEK	62.3	36.1	49.2	3.3	86	28	17	15+	474	0	0	13	0	4.39	.19	1.13	9	.0	T			9+	11	
DIVISION			50.0	3.8										4.17	.23									
DELAWARE																								
NORTHERN																								
MIDDLETOWN 2 S	68.4	44.5	56.5		90	27+	29	4+	287	2	0	7	0	3.90		1.23	2	.0	0			7	3	
NEWARK UNIVERSITY FARM	68.5	42.6	55.6		89	27	27	16	320	0	0	7	0	3.90		1.52	2	.0	0			8	1	
WILMINGTON N CASTLE WBAP	64.8	43.4	54.1	2.3	88	21	28	11	344	0	0	5	0	3.73	.09	1.52	2	.0	0			8	1	
WILMINGTON PORTER RESVR	63.7	43.9	53.8		87	28	30	11+	359	0	0	3	0	3.89	.16	1.46	2	.0	0			8	1	
DIVISION			55.0	3.0										3.84	.27									
SOUTHERN																								
BRIDGEVILLE 1 NW	70.3	45.1	57.7	4.5	92	28	27	15	273	3	0	7	0	1.52	- 2.02	.34	6	1.5	0			3	0	
DOVER	70.3	45.9	58.1	4.4	91	28	30	11+	255	1	0	3	0			.37	9	.0	0			4	0	
GEORGETOWN 5 SW	71.8M	44.0M	57.9M		93	28	28	11+	271	3	0	7	0	1.23		.37	9	.5	0			4	0	
LEWES	69.4	45.1	57.3		92	21	30	16	269	2	0	6	0	1.52		.41	9	1.5	0			5	0	
MILFORD	70.4	44.7	57.6		93	27	27	11	262	1	0	6	0	2.04		.43	6	.5	0			6	0	
SELBYVILLE	70.5	46.4	58.5		91	27	29	1+	246	3	0	5	0	2.60		1.23	9	2.0	0			7	1	
DIVISION			57.9	4.6										1.78	- 1.83									

See Reference Notes Following Station Index

DAILY PRECIPITATION

MARYLAND AND DELAWARE
APRIL 1957

Table 3

Station	Total	Day of month																																			
		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 AND D C																																					
ABERDEEN PHILLIPS FLD	3.75	.16	1.16		.14	1.24	.46		.33	T		T								.02	.07		T	T													
ANNAPOLIS U S N ACADEMY	1.04	.23	.31		.31	.18	.02		.30			T	.08							.03	.11		T	T													
ANNAPOLIS 2 WNW	1.93	*	1.00		.19	.20			.30			T	.04																								
BALTIMORE WB AIRPORT	2.46	.25	.82		.24	.81			.45			T	.04							T	.04		T	T	T												
BALTIMORE WB CITY	3.27	.30	.88		.28	1.07			.50			T	.04								.03			.16	.06												
BALTIMORE HAMILTON	3.76	T	1.25		.11	1.20	.10		.48	.03		T								.03	.04		.06			.15	.02	T	T						.29		
BELTSVILLE	2.98		.77		.95	.65			.05			T	.05								.07					.04											
BELTSVILLE PLANT STA 1	3.02		.76		.94	.70			.35			T	.10								.10					.05	T	T							.02		
BELTSVILLE PLANT STA 2	3.04		.74		.94	.76			.34			T	.08								.08		.01			.06	T	T							.02		
BELTSVILLE PLANT STA 3			.73		.97				.34			T	.10								.07		.02			.06	T								.02		
BELTSVILLE PLANT STA 4	2.98		.72		.97	.74			.33			T	.07								.07		T	T		.06	T	T							.02		
BELTSVILLE PLANT STA 5	3.01		.75		.96	.74			.35			T	.09								.08		T			.03	T								.01		
BELTSVILLE PLANT STA 6	3.01		.76		.99	.72			.34			T	.06								T	.09	T			.03	T									.02	
BENSON POLICE BARRACKS	3.46	T	1.25		.12	1.25	.15		.44	.03		T								.01	.07		T			.13	.01	T	T							.02	
BENTLEY SPRINGS 1 WNW	4.56		.80		.05	1.06	1.00		.49	.07		T								.06	.05					.03	.07	.15								.13	
BETHESDA NAT INST HLTH	1.99	.20	.53		.25	.19			.60			T	.05								.07					.12										.08	
BITTINGER 2 W	5.11	.38	.76		.22	.52	.25		.67	.23		T	.06							.08	.14				.46	.02	.03				.64	.50	.02			.02	
BLACKWATER REFUGE	1.83				.18	.04	.32		.45	.60		T	.24		.11					.03	.05					.07										.19	
BOYDS 2 NW	3.56	.15	.23		.09	1.49		.08	.47			T	.04							.04	.04		T			.90										.05	
BRIGHTON DAM	3.91		1.00		.10	1.08			.37			T	.02							.02						.03											
BROOKDALE	3.43	.08	.58		.21	1.71	.24		.34	.06		T	.06							.01	.09					.05											
BURNT MILLS RESERVOIR	3.33		.69		.12	1.20			.41			T	.08								.06					.02					.03	T				.02	
CAMBRIDGE 4 W	1.97	T	.15		.05	.37			.27	.18		T	.15								.17				.53	.10	T										
CENTREVILLE	1.56		.58		.15	.13	.02		.22	.10		T	.16							.02	.10					.08											.10
CHARLOTTE HALL 2 ESE	2.19		.28		.20				.30	.18		T	.15								.06				.02	.65	.05										
CHESTERTOWN	1.81	.10	.66		.20	.15	.10		.28	T		T	.11							.04	.06					.04	T	T								.03	
CHEWSVILLE BRIDGEPORT	3.34	.16	.28		.08	1.07	.40		.64	T		T	.07							.03	.04		T	T	.19	T	.03	T	.28	.05			.08		.01		
CLEAR SPRING	3.07	.17	.10		.51	1.13	.21		.75			T	.07							.12	.10			.11		.36	.06	.06		.06	.06		.06	.49	.06		
COLEMAN 3 WNW	2.07		.90		.17	.36	.26		.39			T	.08							.05	.18					.16											
COLLEGE PARK	2.99	.03	.75		.13	1.19	.32		.34	.03		T	.10							T	.07		T	T		.03											
CONOWINGO DAM	3.97	.15	1.14		.11	1.23	.33		.44	.05		T	.05							.04	.05		.02			.01	.08					.14				.20	
CONOWINGO POLICE BRKS	2.72		.68		.10	1.42	.79		.45	.11		T	.26							.03	.07					.07											
CRISFIELD	2.72		.68		.14	.14			.45	.93		T	.26												.12												.20
CUMBERLAND	4.16		1.00	T	.03	.73	.21		.64	.04		T	.04							.14	.05				.14	T	T	T		.65	.57	T	T				
CUMBERLAND POLICE BRKS	3.95	.25	.07		.22	.57	.20		.63	.15		T	.01							.10	.10		.08	.20	.14	T	T	T	.26	.61	.55	.05					
DALECARLIA RESERVOIR DC	3.28	.07	.58		.17	1.85	.22		.30	.03		T	.09								.31					.03	T										.01
DENLOW	1.97		.30		.05	.02	.27		.45	.19		T	.19													.16	T										
DISTRICT HEIGHTS												T														.15	.05	.01	T								
DUNDALK	3.03	.02	.95		.12	.88	.29		.45	.02		T	.04							.04	.05					.02											
EASTON	1.46	T	.16		.03	.01	.14		.36	.15		T	.21								.01					.02											
EASTON POLICE BRKS	2.00		.20		.03	T	.23		.37	.20		T	.27							T	.05		T	T		.12											.65
EDGEWOOD	4.52		.46		.15	.76	1.20		.31	.82		T	.06								.06					.12					.40	.16					
ELKTON	3.56		1.43		.15	.52	.37		.69	.05		T	.09							T	.09		.02	.05	.02	.02	.09	.08									
EMMITSBURG 2 SE	3.83	.07	.70		.10	1.35	.44		.38	.04		T	.10							T	.09		.02	.05	.02	.02	.09	.08									
FORT GEORGE 6 MEADE	2.51		.88		.12	.70	.20		.38	.04		T	.10							T	.01	.06				.02											
FREDERICK POLICE BRKS	3.55	.11	.28		.12	.97	.28		.54	T		T								.02	T		T	.17		.13	T		.64	.07						.12	.10
FREDERICK WB AIRPORT	4.31	.23	.13		.25	1.51	.14		.67			T	.02							T	.02		.15			.15	.70		.31	.02	.03						
FREDERICK 3 E	4.26		.30		.89	.94			.71			T	.04								.04		.15			.15			.97	.04							.15
FROSTBURG	4.83	.32	.63		.25	.46	.22		.61	.20	.01	T	.04							T	.16		.45			.01			.82	.65							
GLENN DALE BELL STA	2.78	T	.97		.17	.45	.58		.33	.06		T	.09							T	.09		T			.04											
GREENBELT	2.48		.78		.71	.41			.39			T	.07							T	.																

DAILY TEMPERATURES

MARYLAND AND DELAWARE
APRIL 1957

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	
EASTON POLICE BRKS	MAX	56	72	63	51	72	62	72	64	52	56	66	75	67	50	59	59	64	76	68	79	89	81	76	88	83	78	90	89	87	74	
	MIN	33	46	34	40	41	46	40	45	39	34	31	32	31	32	30	32	48	55	50	47	62	58	51	58	57	56	58	63	61	54	
ELKTON	MAX	57	67	58	49	63	63	64	60	52	57	65	75	49	50	55	60	62	64	62	70	90	80	70	84	80	80	90	91	78	76	
	MIN	33	47	31	37	38	47	43	41	36	31	27	47	34	29	30	28	49	52	52	47	52	56	50	59	58	54	57	60	68	51	
EMMITSBURG 2 SE	MAX	51	61	62	49	52	59	67	65	48	54	67	72	51	48	57	67	60	63	68	75	87	84	76	81	81	76	87	89	82	78	
	MIN	34	40	30	36	35	43	42	40	35	35	24	41	32	27	27	31	46	49	53	51	54	52	52	58	58	55	55	61	60	56	
FORT GEORGE 6 MEADE	MAX	53	70	65	54	65	62	69	69	52	59	72	76	60	51	55	63	62	74	67	79	89	87	83	89	85	84	92	94	92	81	
	MIN	27	48	30	38	39	45	39	40	37	31	29	30	30	28	28	25	48	50	53	48	54	58	52	59	56	56	54	58	64	44	
FREDERICK POLICE BRKS	MAX	50	68	60	50	56	60	69	62	50	61	69	78	53	44	54	62	59	63	64	77	88	82	76	84	81	77	88	90	79	79	
	MIN	35	41	36	34	35	45	45	43	38	35	27	43	33	31	29	31	47	51	53	51	62	57	53	65	59	58	59	64	60	53	
FREDERICK WB AIRPORT	MAX	50	66	51	48	56	61	69	47	49	55	69	79	49	40	55	62	60	67	63	78	87	68	78	83	65	77	89	89	78	75	
	MIN	35	47	33	37	38	44	42	38	36	33	26	38	31	30	24	29	47	49	53	51	56	54	52	60	59	58	56	61	53	52	
FROSTBURG	MAX	57	56	48	47	44	53	68	62	44	47	68	68	40	40	53	54	63	68	65	81	80	71	81	86	76	80	88	85	85	74	
	MIN	36	41	21	52	35	32	34	37	28	32	26	34	24	29	23	31	45	49	50	53	56	50	51	56	56	60	57	55	69	65	48
GLENN DALE BELL STA	MAX	54	72	68	52	65	66	71	71	53	59	70	76	64	51	55	63	65	76	68	79	90	88	79	87	82	81	92	92	89	79	
	MIN	29	48	30	36	39	46	36	41	37	29	25	52	30	25	24	26	50	50	52	49	53	60	52	50	57	57	55	58	64	46	
GREENBELT	MAX	54	64	69	55	49	66	59	70	49	51	57	70	79	40	50	36	62	63	75	67	83	88	89	81	87	87	82	91	92	77	
	MIN	28	43	31	39	39	47	37	40	37	33	25	33	30	28	30	26	49	50	53	49	54	59	52	57	57	56	54	58	64	51	
HAGERSTOWN	MAX	48	64	55	49	57	58	68	68	48	54	70	70	47	47	55	62	59	65	62	76	87	71	79	81	80	80	89	80	80	83	
	MIN	38	42	33	36	34	41	42	40	39	34	29	44	30	28	26	32	46	49	51	52	60	52	53	61	60	58	60	62	59	53	
HANCOCK FRUIT LAB	MAX	55	52	63	55	41	45	40	74	46	47	54	74	69	48	47	57	63	64	68	62	78	86	73	82	85	67	83	90	87	78	
	MIN	36	42	27	28	36	27	43	39	36	28	22	32	31	27	22	25	38	49	50	53	52	49	55	55	62	58	57	57	60	43	
KEEDYSVILLE	MAX	50	67	60	48	57	69	71	67	52	60	71	78	63	54	59	65	60	72	65	78	89	77	79	87	80	79	90	88	79	81	
	MIN	30	42	32	39	36	43	48	37	35	30	26	46	32	28	29	36	48	50	52	59	56	52	59	58	56	59	58	59	60	44	
LA PLATA 1 W	MAX	55	73	64	46	68	64	73	63	35	62	73	79	66	53	57	65	71	78	75	85	92	73	80	90	77	80	92	80	82	82	
	MIN	34	50	34	41	41	47	39	44	38	38	26	52	30	28	27	29	48	53	47	51	58	59	53	58	60	59	58	61	61	52	
LAUREL 3 W	MAX	52	68	66	54	64	61	69	69	51	56	70	74	61	50	55	61	61	75	69	79	87	80	78	85	85	83	92	92	91	78	
	MIN	34	47	36	38	38	44	36	43	37	39	24	52	30	34	31	27	45	51	51	48	52	59	52	60	56	56	58	64	62	47	
LEONARDTOWN 4 SSW	MAX	57	69	67	52	68	69	72	70	65	72	78	82	68	54	67	61	72	70	76	79	91	74	75	85	78	79	90	91	82	81	
	MIN	36	51	38	44	45	48	33	48	40	31	29	50	31	30	32	31	49	56	51	51	60	59	54	60	63	58	56	58	62	52	
MIDDLE RIVER 1 N	MAX	55	70	62	48	64	62	67	59	52	57	62	76	64	50	55	59	61	68	63	66	88	69	68	84	79	77	86	87	78	78	
	MIN	30	45	29	34	40	44	41	40	37	31	25	37	31	26	29	26	48	51	52	48	49	59	52	58	56	55	54	57	61	48	
MILLINGTON	MAX	58	72	60	51	70	68	66	60	52	63	65	76	50	30	54	62	61	69	65	76	88	85	72	85	81	80	91	90	77	79	
	MIN	32	49	31	38	40	48	42	42	36	31	27	50	31	29	29	27	48	51	52	47	53	54	51	59	54	54	56	59	60	51	
NATIONAL ARBORETUM D-C	MAX	56	72	66	54	65	68	72	65	52	60	72	78	52	52	56	63	67	78	71	84	91	89	80	89	82	81	93	94	93	83	
	MIN	36	48	32	39	40	46	40	44	39	40	32	74	32	31	33	38	51	52	54	50	63	61	53	65	59	58	59	65	65	56	
NEW GERMANY	MAX	42	39	49	42	38	35	41	52	36	41	64	62	42	38	34	53	55	57	69	74	78	68	79	83	73	74	86	80	77	74	
	MIN	32	42	34	39	30	29	32	32	31	26	22	32	27	32	15	52	45	44	46	52	52	42	49	51	54	50	52	56	50	37	
OAKLAND 1 SE	MAX	58	53	49	46	65	62	66	54	46	48	66	68	39	42	51	52	57	71	76	79	77	69	78	83	80	85	86	82	74	76	
	MIN	38	44	28	34	36	29	32	36	26	31	21	29	22	23	15	29	43	48	45	43	46	45	53	49	58	52	49	49	55	33	
OCEAN CITY	MAX	58	78	64	50	58	59	71	61	49	68	59	67	51	58	54	53	63	68	62	64	89	66	63	88	65	71	78	80	78	80	
	MIN	40	49	42	45	50	45	42	48	41	38	40	47	33	38	39	38	51	54	48	52	60	52	54	55	56	56	60	64	62	60	
OWINGS FERRY LANDING	MAX	56	73	64	48	67	67	72	70	59	60	70	77	68	62	59	61	70	76	67	78	90	73	77	87	78	80	91	93	82	79	
	MIN	36	50	38	40	42	47	34	44	38	38	30	33	31	32	29	35	50	52	52	49	61	60	53	67	57	57	58	63	65	59	
PARKTON 2 SW	MAX	53	66	60	41	63	53	65	46	50	59	67	71	50	48	53	58	58	63	60	74	88	69	76	80	64	80	88	89	75	72	
	MIN	34	39	31	35	38	40	39	37	30	30	25	36	28	26	24	30	46	48	49	47	57	51	50	58	54	54	59	62	57	51	
PICARDY	MAX	50	63	52	46	52	48	71	65	43	52	71	86	48	48	58	60	63	68	66	84	84	73	85	85	74	83	90	85	77	80	
	MIN	38	46	32	39	34	26	26	40	30	31	23	36	27	29	24	31	31	49	49	55	58	55	54	59	59	58	57	59	60	49	
PIKESVILLE POLICE BRKS	MAX	52	69	62	50	62	61	67	65	50	59	68	78	50	49	54	59	58	70	65	73	86	86	78	83	81	79	88	91	87	74	
	MIN	34	45	35	38	40	45	41	42	36	37	30	46	31	33	29	36	48	50	53	47	60	58	52	60	53	54	60	64	60	55	
POCONOKE CITY 4 SW	MAX	60	75	69	51	68	67	67	70	60	59	62	74	61	51	59	59	71	71	75	79	88	83	73	86	78	81	87	90	83	79	
	MIN	28	54	38	38	49	47	35	55	38	31	29	48	31	31	33	28															

DAILY TEMPERATURES

MARYLAND AND DELAWARE
APRIL 1957

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	
SNOW HILL	MAX	59	76	65	47	64	85	70	71	60	62	60	76	65	52	54	60	72	79	72	76	92	80	79	88	78	88	90	92	83	80	71.8 45.8
	MIN	40	45	36	39	48	48	35	40	37	31	28	49	31	32	29	28	47	57	52	48	63	56	54	58	57	57	58	62	64	52	
SOLOMONS	MAX	59	71	62	50	63	84	70	61	54	61	61	76	65	52	51	56	70	76	71	73	82	69	75	77	73	72	78	81	75	75	67.2 49.0
	MIN	40	50	41	45	49	49	40	49	41	41	37	55	32	38	33	38	51	56	54	52	59	61	54	60	61	59	60	63	64	57	
STEVENSVILLE 1 W	MAX	54	68	60	50	65	65	66	68	52	57	62	78	67	50	53	57	62	67	65	77	86	80	68	85	78	80	85	86	85	77	68.3 47.1
	MIN	39	47	40	38	40	47	42	48	39	41	31	51	31	37	30	37	49	50	50	48	55	59	52	57	56	56	62	63	57		
TAKOMA PARK MISS AVE	MAX	52	71	63	51	68	85	71	70	52	58	72	77	56	50	55	64	65	76	68	81	88	85	77	86	81	79	90	91	82	78	70.6 46.7
	MIN	35	47	37	39	40	45	37	44	36	35	31	50	30	33	31	38	50	52	54	50	58	60	52	62	58	57	58	62	64	53	
TOMLOWAY	MAX	54	68	55	47	49	50	74	59	47	49	74	68	48	46	58	57	64	65	68	82	79	75	85	82	79	79	91	89	79	81	66.4 42.2
	MIN	36	44	29	27	35	42	42	40	35	31	23	37	30	28	28	23	36	47	51	49	55	52	52	53	56	59	60	68	55	42	
TOWSON	MAX	54	69	64	52	62	84	66	67	51	55	68	77	65	48	54	60	61	70	69	68	89	87	75	83	83	82	90	90	87	77	69.4 43.7
	MIN	35	44	33	38	35	45	38	42	34	32	26	47	30	28	27	29	46	50	52	46	55	56	50	59	54	54	60	60	50		
UNIONVILLE	MAX	52	70	60	42	64	61	66	64	51	57	68	71	49	50	54	62	60	67	63	77	89	72	78	82	70	77	90	90	77	74	67.0 42.0
	MIN	31	43	31	34	36	43	35	39	39	27	23	37	32	23	20	25	46	49	54	51	51	50	52	57	58	57	54	57	59	51	
U S SOLDIERS HOME D C	MAX	54	57	71	58	47	67	63	70	50	52	59	71	78	51	51	55	62	65	76	68	81	88	68	77	88	72	78	90	92	78	67.4 45.5
	MIN	36	41	32	42	38	46	38	44	37	32	34	46	30	31	33	36	45	51	54	49	51	58	52	53	56	52	58	65	63	56	
UPPER MARLBORO 3 NNW	MAX	52	64	72	54	51	68	56	72	82	53	59	70	78	51	51	55	63	67	78	88	82	90	68	80	88	68	83	92	83	79	68.5 45.0
	MIN	33	42	35	39	40	48	37	44	38	32	27	51	30	28	30	29	49	51	53	49	57	61	52	57	58	57	55	59	65	45	
VIENNA	MAX	59	74	64	48	71	66	67	66	60	55	65	72	71	52	60	59	71	75	74	79	91	74	79	89	81	84	88	91	91	77	72.0 47.2
	MIN	33	54	35	41	45	46	40	47	39	35	33	53	32	31	31	30	48	56	53	48	61	57	52	62	58	54	61	64	64	53	
VIERS MILL	MAX	54	70	84	51	68	86	70	72	50	58	70	76	59	59	58	60	64	77	68	80	88	88	80	88	68	80	91	90	78	78	71.4 47.1
	MIN	37	46	36	38	39	44	48	42	37	33	26	50	33	28	30	49	51	61	49	55	58	52	62	57	59	56	60	67	49		
WALDORF POLICE BRKS	MAX	59	79	61	51	68	61	67	64	54	61	72	78	61	52	58	64	70	76	71	85	91	75	81	90	79	85	91	92	85	80	72.0 45.8
	MIN	30	48	31	40	42	48	41	44	39	34	28	54	31	28	30	30	49	53	51	50	59	60	54	60	59	57	55	60	64	46	
WASHINGTON NB CITY D C	MAX	54	71	57	48	67	57	72	62	51	58	72	77	50	50	56	63	67	81	70	82	89	74	79	89	78	80	91	93	78	82	69.8 48.9
	MIN	40	53	41	41	44	45	40	45	39	40	37	37	32	36	33	39	52	54	56	52	61	57	55	66	61	60	63	66	62	60	
WATERLOO POLICE BRKS	MAX	55	75	58	50	64	62	68	67	50	57	70	78	55	51	54	60	61	72	70	77	86	82	75	87	81	82	91	91	85	77	69.4 44.0
	MIN	29	46	32	39	37	39	38	42	36	33	26	46	31	28	30	27	47	51	54	47	55	62	51	59	56	57	55	57	63	50	
WESTERN PORT	MAX	60	60	55	40	45	48	78	60	49	55	73	69	48	48	59	60	64	74	68	86	86	75	86	90	71	93	92	83	86	67.4 43.1	
	MIN	38	45	32	38	36	37	40	41	33	29	27	35	28	30	29	30	47	51	52	57	53	50	54	56	61	56	57	62	62		43
WESTMINSTER	MAX	53	64	58	45	63	61	67	62	48	53	64	70	47	46	54	62	59	65	62	76	81	78	77	81	71	78	90	91	80	74	66.0 43.2
	MIN	34	43	32	35	34	42	41	40	33	31	28	46	30	29	25	32	45	49	53	48	52	50	51	60	57	59	58	59	48		
WOODSTOCK	MAX	52	67	60	42	63	63	68	68	50	54	69	74	46	48	54	61	59	72	63	78	87	83	78	84	79	79	90	90	82	78	67.9 43.1
	MIN	32	47	33	32	38	44	40	42	35	29	25	44	31	25	28	26	37	50	53	48	53	57	52	59	57	57	55	59	61	48	
DELAWARE																																
BRIDGEVILLE 1 NW	MAX	57	71	61	47	70	68	67	63	52	56	65	78	56	50	55	61	67	77	67	80	88	83	77	90	76	85	91	92	87	76	70.3 45.1
	MIN	29	52	35	38	42	46	38	44	36	32	26	52	30	32	27	28	47	53	49	46	63	51	50	59	56	55	56	60	65	51	
DOVER	MAX	59	72	63	51	67	66	68	66	59	58	66	76	72	50	54	64	64	77	67	71	89	86	74	84	74	81	88	91	87	78	70.3 45.9
	MIN	33	49	36	39	40	47	41	43	38	34	30	55	30	33	32	34	48	50	55	46	60	57	50	56	55	54	58	63	54		
GEORGETOWN 5 SW	MAX	58	73	65	48	70	68	67	67	59	58	66	73	67	80	58	63	68	77	69	80	90	85	77	88	80	87	91	93	85	49	71.8 44.0
	MIN	27	54	34	34	44	45	39	44	39	28	26	54	30	30	27	30	47	53	50	47	62	56	50	57	54	55	61	61	49		
LEWES	MAX	62	74	60	50	69	62	68	68	58	61	62	79	60	52	52	69	67	75	60	66	92	80	74	84	73	84	90	88	75	73	69.4 45.1
	MIN	31	50	38	34	46	46	39	43	38	31	31	55	31	34	31	30	46	50	46	48	60	50	52	52	53	54	56	63	62	52	
MIDLETOWN 2 S	MAX	61	71	63	45	69	68	66	62	52	58	64	76	51	52	55	64	62	66	66	76	89	80	71	84	73	78	90	90	77	72	68.4 44.5
	MIN	34	45	33	29	42	46	42	42	37	32	29	43	32	31	32	31	51	52	49	48	56	54	52	60	55	54	58	61	54	52	
MILFORD	MAX	62	72	64	50	70	66	67	60	59	61	67	78	66	51	55	63	67	73	64	75	89	84	75	86	74	80	92	88	79	77	70.4 44.7
	MIN	29	51	34	36	36	46	40	44	38	32	27	54	30	33	28	32	47	52	49	46	59	54	50	57	54	54	59	60	64	53	
NEWARK UNIVERSITY FARM	MAX	58	68	60	52	60	64	65	64	59	64	65	78	63	48	54	62	62	64	67	71	84	67	81	84	79	81	89	88	88	76	68.5 42.6
	MIN	32	38	30	36	37	46	41	40	35	36	28	40	34	29	30	27	47	51	40	38	52	54	50	57	54	53	58	57	59	54	
SELBYVILLE	MAX	58	74	65	48	64	65	69	69	60	58	60	78	64	50	55	66	70	77	68	71	90	83	77	86	72	86	91	90	78	75	70.5 46.4
	MIN	39	43	33	37	41	43	39	46	39	33	29	55	32	33	31	30	48	57													

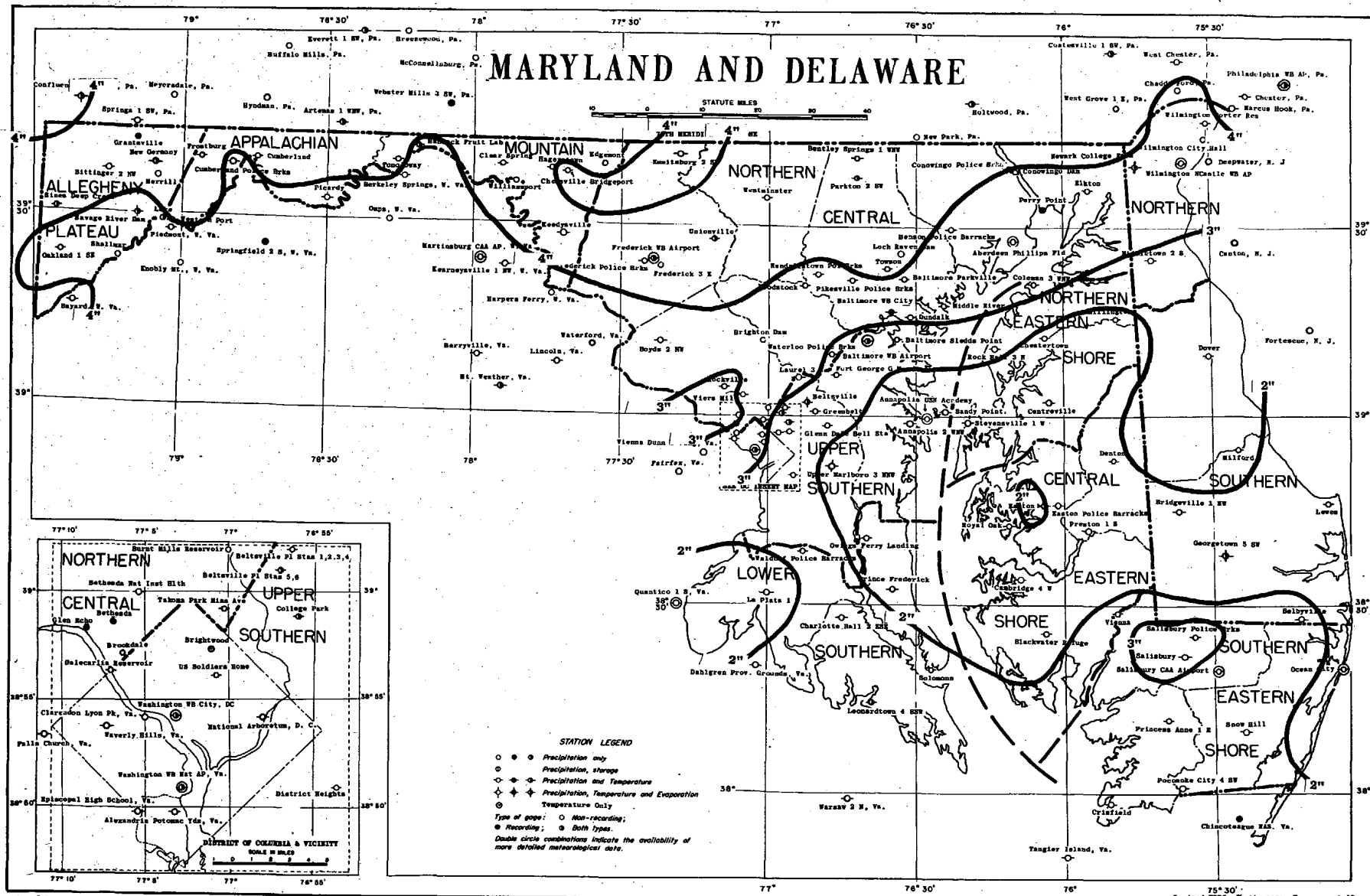
Table 7

SNOWFALL AND SNOW ON GROUND

MARYLAND AND DELAWARE
APRIL 1957

Station	Day of month																																
	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									T				T																				
ANNAPOLIS USN ACADEMY													T																				
BALTIMORE WB AIRPORT													.4																				
BITTINGER 2 NW						T						.3																					
BROOKDALE						T						T																					
CAMBRIDGE 4 W													2.5																				
CHARLOTTE HALL 2 ESE													1.5																				
CHESTERTOWN													T																				
COLLEGE PARK													T																				
CONOWINGO DAM													T																				
CUMBERLAND							T		T	T				T	T																		
DENTON													.5																				
DUNDALK													T																				
EMMITSBURG															T																		
FORT GEORGE G. MEADE													T																				
GLENN DALE BELL STA													T																				
GREENBELT													.2																				
HAGERSTOWN													T																				
HANCOCK FRUIT LAB				T					T					T																			
LA PLATA													1.2																				
LEONARDTOWN 4 SSW													2.0																				
MILLINGTON													T																				
OAKLAND 1 SE						1.0			2.0	.2		T	.4	.4																			
OCEAN CITY													T																				
OWINGS FERRY LANDING													1.0																				
PARKTON 2 SW														T																			
POCOMOKE CITY 4 SW													T																				
PRESTON 1 S													2.5																				
PRINCESS ANNE 1 E													T																				
ROYAL OAK													1.5																				
SALISBURY CAA AIRPORT													.4																				
SAVAGE RIVER DAM									T					T																			
SNOW HILL													1.0																				
WASHINGTON WB CITY DC													T																				
WOODSTOCK													T																				
DELAWARE																																	
BRIDGEVILLE 1 NW													1.5																				
GEORGETOWN 5 SW													.5																				

See reference notes following Station Index.

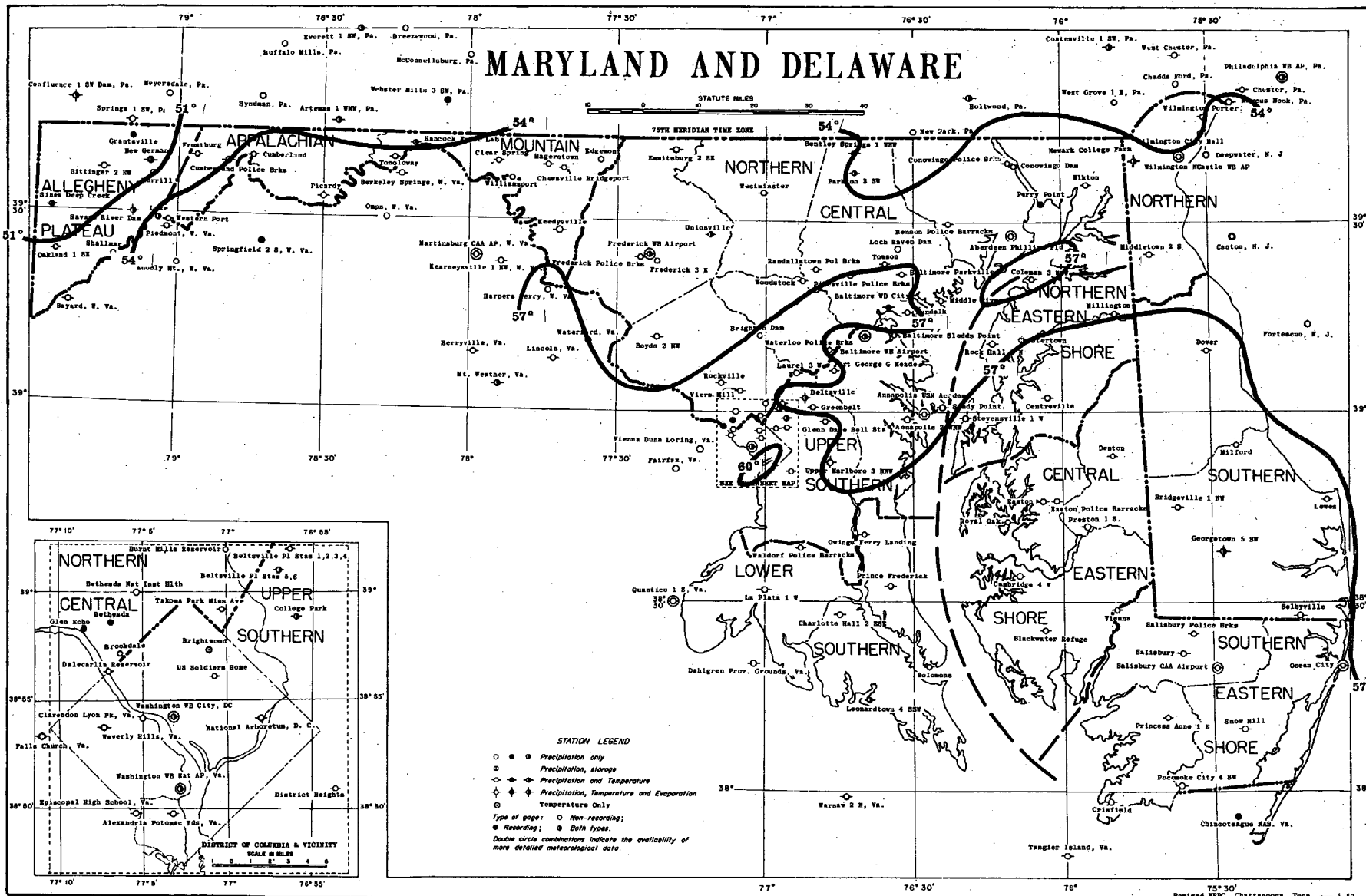


TOTAL PRECIPITATION

MARYLAND AND DELAWARE
APRIL 1957

Isolines are drawn through points of approximately equal values. Hourly precipitation data from recorder substations will be available in the publication "Hourly Precipitation Data".

Revised WRPC, Chattanooga, Tenn. --- 1 57



AVERAGE TEMPERATURE

MARYLAND AND DELAWARE
 APRIL 1957

Isotherms are drawn through points of approximately equal values. Hourly precipitation data from recorder substations will be available in the publication "Hourly Precipitation Data".

STATION INDEX

MARYLAND AND DELAWARE
APRIL 1957

Table with columns: Station, Index No., County, Drainage, Latitude, Longitude, Elevation, Temp., Precip., Observation Time, Observer, Refer To Tables, Station, Index No., County, Drainage, Latitude, Longitude, Elevation, Temp., Precip., Observation Time, Observer, Refer To Tables. Lists weather stations in Maryland and Delaware.

1 - CHEAPCHASE; 2 - COASTAL; 3 - PATAPSCO; 4 - PATUXENT; 5 - POTOMAC; 6 - SUSQUEHANNA; 7 - YORK/RICHMOND

REFERENCE NOTES

Additional information regarding the climate of Maryland and Delaware may be obtained by writing to the State Climatologist at Weather Bureau Airport Station, Friendship International Airport, Baltimore, Maryland, or to any Weather Bureau Office near you.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

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

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

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

Divisions, as used in Table 2, became effective with data for October 1956.

Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in F, precipitation and evaporation in inches, and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65° F.

Evaporation is measured in the standard Weather Bureau type pan of a foot diameter unless otherwise shown by footnote following Table 8.

Long-term means for full-time stations (those shown in the Station Index as "U. S. Weather Bureau") are based on the period 1921-1950, adjusted to represent observations taken at the present location. Long-term means for all stations except full-time Weather Bureau stations are based on the period 1931-1955.

Water equivalent values published in Table 7 are the water equivalent of snow, sleet or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently occasional drifting and other causes of local variability in the snowpack result in apparent inconsistencies in the record. Water equivalent of snow on the ground is measured at selected stations when two or more inches of snow are on the ground.

Entries of snowfall in Tables 2 and 7, and in the seasonal snowfall table, include snow and sleet. Entries of snow on ground include snow, sleet and ice.

Data in Tables 3, 5, and 6 and snowfall in Table 7, when published, are for the 24 hours ending at time of observation. The Station Index lists observation times in the standard of time in local use.

Snow on ground in Table 7 is at observation time for all except Weather Bureau and CAA stations. For these stations snow on ground values are at 7:30 a.m., E.S.T.

- No record in Tables 3, 4, 7 and the Station Index. No record in Tables 2 and 5, is indicated by no entry. Consult the annual issue of this publication for interpolated monthly precipitation totals.

++ and also on a later date or date.

Fastest observed one minute wind speed. This station is not equipped with automatic wind instruments.

* Amount included in following measurement, time distribution unknown.

Cage is equipped with a windshield.

// Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.

AM Data based on observational day ending before noon.

B Adjusted to a full month.

C In the "Refer to Tables" column in the Station Index the letter "C" indicates recorder stations. These stations are processed for special purposes and are published later in "Hourly Precipitation Data".

D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of wet snowfall.

E In the "Refer to Tables" column in the Station Index the letter "E" indicates that soil temperatures are published.

M One or more days of record missing; if average value is entered, less than 10 days record is missing. See Table 5 for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.

R Amounts from recording gage (These amounts are essentially accurate but may vary slightly from the amounts to be published later in "Hourly Precipitation Data".)

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

T Trace, an amount too small to measure.

V Includes total for previous month.

Information concerning the history of changes in locations, elevations, exposure etc. of substations through 1955 may be found in the publication "Substation History" for this station. That publication may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C. for 25 cents. Similar information for regular Weather Bureau stations may be found in the latest issues of Local Climatological Data, Annual for the respective stations, obtained as indicated above, price 15 cents.

Subscription Price: 50 cents per copy, monthly and annual; \$2.50 per year. (Yearly subscription includes the Annual Summary). Checks and money orders should be made payable to the Superintendent of Documents. Resittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.