

U. S. DEPARTMENT OF COMMERCE
SINCLAIR WEEKS, Secretary
WEATHER BUREAU
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CLIMATOLOGICAL DATA

MARYLAND AND DELAWARE

AUGUST 1957
Volume LXI No. 8



MARYLAND AND DELAWARE - AUGUST 1957

WEATHER SUMMARY

GENERAL

The 1957 dry spell which reached severe proportions over most of Maryland and Delaware virtually came to an end east of the Appalachian Mountains with generous rains on the 25th.

Division average precipitation ranged from 0.28 inch above the long-term mean or 105% of the long-term mean in the Lower Southern Maryland Division to 3.24 inches below the long-term mean or 44% of the long-term mean in the Southern Delaware Division. Except for the Southern Eastern Shore and Lower Southern Maryland Divisions precipitation averaged generally more than two inches below the long-term mean with departures increasing northward and westward. Although the Appalachian Mountain Division precipitation averaged 2.89 inches below the long-term mean it was only 26% of the long-term mean. The greatest monthly precipitation in Maryland, 7.02 inches, occurred at Owings Ferry Landing; in Delaware, 5.17 inches, at Middletown 2 S. The least precipitation in Maryland occurred at Cumberland Police Barracks, 0.73 inch; in Delaware at Bridgeville 1 NW, 1.67 inches.

Division average temperatures over Maryland and Delaware ranged from 0.6° below the long-term mean in the Appalachian Mountain Division to 2.5° below the long-term mean in Upper Southern Maryland. The highest temperature in Maryland, 104°, occurred at Laurel 3 W on the 3rd; in Delaware, 99°, at Dover on the 4th. The lowest temperatures were 36° in Maryland at Oakland 1 SE on the 6th and 47° in Delaware at Newark University Farm on the 24th.

WEATHER DETAILS

A cold front passage on the morning of the 4th was accompanied by scattered thunderstorms and rain showers.

An extensive High which overspread the entire eastern United States brought cooler weather on the 5th, 6th, 7th, and 8th. Temperatures rose to several degrees above normal on the 9th. Scattered light rain showers on the 9th and 10th were associated with a weak Low pressure trough and a cold frontal system over Pennsylvania.

A cold front on the afternoon of the 12th moved southward over the area accompanied by scattered thunderstorms, rain showers, and hail. Cooler weather on the 13th from a Canadian air mass overspread the area. Temperatures rose from below normal on the 14th to well above normal on the 16th with some scattered rain showers on the 15th in southern portions. A cold front moved southward over the area again on the afternoon of the 16th followed by cooler weather on the 17th.

Light to moderate rains, associated with a Low over the Georgia area, spread northeastward over southern portions of Maryland and Delaware early on the 19th. As another Low developed off the North Carolina coast, moderate to heavy rains drenched Southern Maryland and the lower Delmar Peninsula bringing partial relief to drought stricken farmers. However, only light, scattered amounts obtained in western Maryland and northern portions of Maryland and Delaware. As this Low moved northeastward, strong winds whipped the Maryland and Delaware coastal area during the afternoon of the 19th. Rains ended in eastern portions on the evening of the 20th as the Low moved northeastward to a point several hundred miles off the Maryland-Delaware coast.

Some very light scattered showers occurred on the 21st. A prolonged period of cool weather from the 17th to 25th ended with generous rainfalls over the area. About noon on the 24th, rain, associated with a Low off the South Carolina coast, began in southern portions of Maryland and spread slowly northward and westward as this Low moved into eastern North Carolina. Moderate rains continued generally over the Piedmont and Coastal Plain areas until the night of the 25th when a Low moved north-northeastward over the Delmar Peninsula. In some Southern Maryland and Delmar Peninsula districts over two and one-half inches of precipitation occurred. In northern Maryland counties, however, amounts decreased to 0.50 to 1.25 inches with only very light amounts in western Maryland districts.

A cold front moved southward over the area late on the 27th followed by below normal temperatures on the 28th

and 29th. Widely scattered light rain showers and thunderstorms late on the 30th and early on the 31st were associated with another frontal system which moved over Maryland and Delaware from the north. Temperatures on the 30th and 31st were well above normal.

WEATHER EFFECTS

The persistent dry spell of previous months tightened its grip over most of Maryland and Delaware during the first 24 days of the month. The dryness became progressively worse especially in northern-central Maryland, lower Southern Maryland counties, and the Delmar Peninsula.

Scattered thunderstorms and rain showers brought locally heavy amounts of precipitation to some Calvert County, Saint Mary's County, and Harford County districts with scattered moderate amounts in some southern Delmar Peninsula areas. In general vegetable yields and prospects for field corn and tobacco continued to deteriorate. Many corn fields intended for grain were used for silage or abandoned. Hay and pasture crops made practically no growth with many pastures reported completely dried up. Deep-rooted alfalfa in northern central Maryland, however, was not hurt as much as other hay crops, but many fields did not make a third cutting. Damage to tomatoes due to dryness was severe particularly on the lower half of the Delmar Peninsula. Tomatoes were unusually small and blossom end rot was unusually serious. By the 24th most field corn and sweet corn in the two-state area and about one-half of the Southern Maryland tobacco was too far advanced to be benefited by rains. Hot, dry weather was detrimental for crop growth and favorable for build-up in insect populations.

Generous rains on the 24th and 25th over most of the area east of the mountains generally alleviated the persistent dry conditions and greatly benefited soybeans, sweet potatoes, hay, pastures, and some late-planted corn. Rains also enabled farmers to plant small grains and seed permanent pastures and alfalfa. Rainfall and cooler weather was favorable for reducing spider mites in soybeans.

The general lack of adequate soil moisture in Washington and Allegany Counties reduced the size of apples and peaches in non-irrigated orchards. Below normal temperatures during the last half of August slowed maturity of peaches.

Except for corn, most crops east of the mountains were benefited by the rains. The most striking response to the rains was observed in soybeans, late vegetables on the Delmar Peninsula, and tobacco in Southern Maryland. Pastures improved considerably and prospects for alfalfa and lespedeza hay were better. Alfalfa in some northern sections was even expected to make a fourth cutting.

DESTRUCTIVE STORMS

The cold front which moved southward over the area on the afternoon of the 12th was accompanied by scattered severe thunderstorms and locally heavy amounts of hail. In the Baltimore City and Baltimore County area strong winds downed trees and some power lines in scattered districts of metropolitan Baltimore. Lightning damaged a dwelling in Dundalk. Hail the size of chestnuts was reported in some sections of Dundalk and nearby Fort Belvoir. A severe hailstorm which lasted about 20 minutes lashed the Easton area about 5:00 p.m. EST. Hailstones ranged from pea size to as large as chicken eggs. Some farmers reported heavy crop damage from hail. At Ocean City a severe rainstorm in the late afternoon was preceded by a heavy fall of hail.

On the 25th a sudden windstorm like an immature twister swept a 1,000-yard path through the Hills Point, Dorchester County, area ripping roofs from small buildings and uprooting trees. About half of the dwellings in this community suffered minor damage. The windlash came during a severe rainstorm.

FLOODS

None.

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U. S. Weather Bureau
Baltimore, Maryland

CLIMATOLOGICAL DATA

MARYLAND AND DELAWARE
AUGUST 1957

TABLE 2

Station	Temperature												Precipitation													
	Average Maximum	Average Minimum	Average	Departure From Long Term Means	No. of Days						Total	Departure From Long Term Means	Greatest Day	Date	Snow, Sleet			No. of Days								
					Max.	Min.	Date	Degree Days	Sgt or Above 0°	3° Below 0°	3° Below 0°	1° or Below 0°			Total	Date	Max. Depth on Ground									
MARYLAND																										
SOUTHERN EASTERN SHORE																										
CRISFIELD	84.0	68.0	76.0	- 2.0	93	3+	58	24	0	6	0	0	0	5.97	.90	2.00	19					10	3	1		
OCEAN CITY	84.7	66.1	75.4		100	1	59	7	0	7	0	0	0	6.63		2.34	19					6	3	3		
POCOMOKE CITY 4 SW	84.9	62.2	73.6		94	4	48	24	6	8	0	0	0	5.46		2.62	19					8	4	1		
PRINCESS ANNE 1 E	86.7	58.8	72.8		96	1+	46	7	2	8	0	0	0	4.07		1.50	19					6	4	1		
SALISBURY	85.5	63.1	74.3		94	1+	52	24	1	7	0	0	0	2.97	- 3.32	1.26	19					6	1	1		
SALISBURY POLICE BRKS	84.2M	62.1M	73.2M		95	3	52	24	1	7	0	0	0	3.56		1.24	19					7	3	1		
SALISBURY CAA AIRPORT	83.5	61.6	72.6	- 2.4	95	3	51	24	5	6	0	0	0	3.94		1.96	19					6	2	1		
SNOW HILL	83.7	61.9	72.8		94	1	52	24	2	7	0	0	0	4.06	- 1.73	1.72	19					7	2	1		
DIVISION			73.8	- 2.1																						
CENTRAL EASTERN SHORE																										
BLACKWATER REFUGE	83.6	63.0	73.3		93	1	50	24	2	6	0	0	0	4.75		1.18	19					7	5	2		
CAMBRIDGE 4 W	84.3	61.8	73.1		94	16	48	24	4	6	0	0	0	2.88		1.37	19					7	1	1		
DENTON	87.7	63.1	75.4		97	3+	49	24	0	12	0	0	0	1.86		.63	25					5	2	0		
EASTON	85.1	63.5	74.3		97	3	51	24	1	6	0	0	0	3.37		1.18	25					4	4	1		
EASTON POLICE BRKS	82.5	62.2	72.4	- 3.0	93	3	49	24	3	4	0	0	0	3.28	- 1.69	.93	19					7	3	0		
PRESTON 1 S	86.1	60.8	73.5		96	3	48	24	1	10	0	0	0	2.39		.89	19					4	2	0		
ROYAL OAK	86.0	64.3	75.2		97	3	51	24	0	7	0	0	0	3.36		1.00	19					5	4	1		
VIENNA	86.0	63.0	74.5		96	3	52	24	0	11	0	0	0	3.45		1.16	19					5	4	1		
DIVISION			74.0	- 1.6																						
LOWER SOUTHERN																										
CHARLOTTE HALL 2 ESE	84.3	60.3	72.3		95	3	48	24	5	7	0	0	0	5.73		2.82	25					6	3	2		
LA PLATA 1 W	84.6	58.9	72.8		98	3+	47	24	2	12	0	0	0	3.96		2.01	25					6	2	1		
LEONARDTOWN 4 SSW	85.0	62.9	74.0		96	12	52	24	1	10	0	0	0	5.97		1.79	19					7	4	3		
OWINGS FERRY LANDING	84.2	62.1	73.2	- 1.9	97	3	51	24	3	8	0	0	0	7.02		2.02	25					7	5	3		
PRINCE FREDERICK	83.9	61.0	72.5		95	3	52	21	1	6	0	0	0	6.68		1.95	25					9	6	2		
SOLOMONS	83.6	66.8	75.2	- 2.7	93	3	61	24	0	5	0	0	0	5.63		1.52	19					9	4	2		
WALDORF POLICE BRKS	88.1M	59.7M	73.9M	- 2.7	101	3	47	24	2	14	0	0	0	4.51		2.08	25					6	3	1		
DIVISION			73.4	- 2.2																						
UPPER SOUTHERN																										
ANNAPOLIS U S N ACADEMY	81.7	67.3	74.5	- 1.5	94	16	59	23+	0	2	0	0	0	2.05	- 2.54	1.30	25					4	1	1		
ANNAPOLIS 2 NWW	85.6	60.6	73.1		96	4	53	14	0	7	0	0	0	2.42		1.90	26					4	1	1		
BALTIMORE WB AIRPORT	R	83.5	62.7	73.1	- 1.3	98	3	51	24	2	7	0	0	0	2.44	- 1.94	1.98	25					3	2	2	
BELTSVILLE	AM	84.9	59.5	72.2		96	4	49	6+	2	9	0	0	0	3.25		1.77	26					4	2	1	
BELTSVILLE PLANT STA 1	AM	84.2	60.8	72.5		96	4	48	24	3	8	0	0	0	3.10		1.34	26					4	2	1	
BELTSVILLE PLANT STA 2	AM	84.0	58.5	71.3		96	4	49	6+	2	8	0	0	0	2.90		1.17	26					4	2	2	
BELTSVILLE PLANT STA 4	AM	85.3	61.0	73.2		97	4	51	24	1	8	0	0	0	3.03		1.29	26					4	3	1	
BELTSVILLE PLANT STA 5	AM	83.9	58.1	71.0		97	4	46	24	4	8	0	0	0	3.30		1.26	26					5	3	2	
BELTSVILLE PLANT STA 6	AM	84.7	61.4	73.1		96	4	52	14+	1	9	0	0	0	3.38		1.23	26					5	3	2	
COLLEGE PARK		87.3	60.4	73.9	- 1.1	98	3	48	24	1	12	0	0	0	2.90	- 2.42	1.34	25					3	3	1	
DALECARLIA RESV D C		87.6	61.9	74.8		99	3	52	24	0	13	0	0	0	2.47		1.26	25					4	2	1	
FORT GEORGE G MEADE		86.5	58.1	72.3		98	3	46	6+	4	10	0	0	0	1.88		1.10	25					5	1	1	
GLENN DALE BELL STA		87.8	58.8	73.3	- .9	98	3	46	24	2	14	0	0	0	3.16	- 1.94	1.70	25					6	2	1	
GREENBELT	AM	84.6M	59.5M	72.1M		96	4	46	24	2	10	0	0	0	2.83		1.46	26					4	3	1	
LAUREL 3 W		86.9	63.4	75.2		104	3	54	24	0	12	0	0	0	1.67		1.16	26					3	3	1	
NATIONAL ARBORETUM D C		89.0	63.2	76.1		100	3	52	24	0	13	0	0	0	2.41		1.58	25					3	2	1	
SANDY POINT		83.2M	66.7M	75.0M		92	16	59	19	0	1	0	0	0	2.43		1.50	25					3	2	1	
U S SOLDIERS HOME D C	AM	85.3	62.9	74.1		97	4	52	28+	4	10	0	0	0	2.29		1.40	26					5	1	1	
UPPER MARLBORO 3 NNW	AM	85.2	59.4	72.3		98	4	47	24	2	10	0	0	0	3.12		1.75	26					6	2	1	
WASHINGTON WB CITY D C	R	85.3	65.9	75.6	- .2	99	3	57	24	0	10	0	0	0	2.09	- 2.40	1.64	25					3	1	1	
DIVISION			73.4	- 2.5																						
NORTHERN EASTERN SHORE																										
CENTREVILLE		85.7	58.3	72.0		95	3+	45	24	4	7	0	0	0	2.94		.87	25					5	3	0	
CHESTERTOWN		85.5	63.1	74.3		97	3	52	24	0	7	0	0	0	4.46		1.59	25					5	4	2	
COLEMAN 3 WNW	V	86.9M	64.0M	75.5M	- .4	98	3	55	24	0	9	0	0	0	2.68		1.02	26					5	2	1	
MILLINGTON		86.3	57.4	71.9	- 3.0	98	3	44	24	4	9	0	0	0	3.01	- 1.93	1.48	26					4	2	1	
ROCK HALL 3 N		84.6M	60.7M	72.7M	- 2.5	95	3	47	24	1	8	0	0	0	3.23	- 1.63	.90	25					5	3	0	
STEVENSVILLE 1 W		85.4M	66.4M	75.9M		92	3+	54	24	0	8	0	0	0	1.59		1.00	25					4	1	1	
DIVISION			73.7	- 1.5																						
NORTHERN CENTRAL																										
ABERDEEN PHILLIPS FLD	R	82.8	62.3	72.6	- 1.9	94	3	51	24	0	3	0	0	0	2.86	- .81	1.17	25					6	2	1	
BALTIMORE WB CITY		85.6	69.1	77.4	1.0	100	3	60	24	0	10	0	0	0	1.09	- 3.29	.80	25					2	1	0	
BALTIMORE HAMILTON		85.2	63.0	74.1		97	3	53	6	0	7	0	0	0	1.62		.45	25					4	0	0	
BENSON POLICE BARRACKS		82.8	59.2	71.0		95	3	49	6+	3	1	0	0	0	1.88		.94	5					5	1	0	
BENTLEY SPRINGS 1 WNW		84.4	56.2M	70.3M		95	3+		5	4	0	0	0	1.27		.52	5					5	1	0		

See Reference Notes Following Station Index

CLIMATOLOGICAL DATA

MARYLAND AND DELAWARE
AUGUST 1957

TABLE 2 - CONTINUED

Station	Temperature												Precipitation												
	Average				Departure From Long Term Means				Degree Days				No. of Days		Snow, Sleet				No. of Days						
	Average Maximum	Average Minimum	Average	Highest	Date	Lowest	Date	Degree Days	Max.	Min.	Total	Departure From Long Term Means	Greatest Day	Date	Total	Max. Depth on Ground	Date	10 or More in 120 or More	50 or More in 120 or More						
BETHESDA NAT INST HLTH	85.9	60.4	73.2	98	3	48	24	2	10	0	0	0	1.61	1.54	25	0	0	1	1	1					
BOYDS 2 NW	84.8	59.6	72.2	93	12+	51	24	1	6	0	0	0	1.44	.99	25	0	0	2	3	1	0				
CONOWINGO DAM	84.2	59.8	72.0	97	3	49	6+	1	5	0	0	0	1.61	.75	25	0	0	4	5	1	0				
CONOWINGO POLICE BRKS	84.6	59.2	71.9	96	3	48	6	1	5	0	0	0	1.49	.59	25	0	0	4	5	2	0				
DUNDALK	84.9	63.2	74.1	98	3	52	6	0	7	0	0	0	2.28	.92	12	0	0	4	5	2	0				
ELKTON	86.5	59.8	73.2	- 1.3	97	3	48	6+	0	9	0	0	3.06	- 2.07	1.43	25	0	3	2	2					
EMMITSBURG 2 SE	88.1	55.7	71.9	97	3	40	7	5	13	0	0	0	1.63	.65	25	0	0	5	5	1	0				
FREDERICK POLICE BRKS	86.8	61.8M	74.3M	96	3	51	24	0	11	0	0	0	1.43	1.13	25	0	0	2	2	1	1				
FREDERICK WB AIRPORT	85.0	59.2	72.1	- 2.5	97	3	49	24	3	10	0	0	0	1.99	- 2.04	1.20	25	0	4	1	1				
MIDDLE RIVER 1 N	83.8M	58.5M	71.2M	93	3	47	6+	4	5	0	0	0	2.09	.71	10	0	0	4	4	2	0				
PARKTON 2 SW	82.1	57.9	70.0	95	3	46	6	14	2	0	0	0	1.06	.63	25	0	0	3	1	0					
PIKESVILLE POLICE BRKS	84.0M	63.1M	73.6M	95	3	53	24	1	9	0	0	0	1.71	.92	25	0	0	3	3	1	0				
RANDALLSTOWN POL BRKS	85.3	60.7	73.0	98	3	50	6	0	9	0	0	0	1.51	.81	25	0	0	3	3	1	0				
ROCKVILLE	86.9	65.4	76.2	97	3	53	24	0	10	0	0	0	2.33	.87	25	0	0	6	6	1	0				
TAKOMA PARK MISS AVE	84.2M	62.0M	73.1M	94	3	52	24	0	3	0	0	0	3.17	1.56	25	0	0	6	6	2	1				
TOWSON	86.0	60.0	73.0	98	3	49	24	0	9	0	0	0	1.54	- 3.11	.47	5	0	4	0	0					
UNIONVILLE	85.9	56.9	71.4	99	3	44	6	7	11	0	0	0	.99	.63	25	0	0	2	2	1	0				
VIERS MILL	86.4M	58.7M	72.6M	98	3	49	24	0	10	0	0	0	3.09	1.71	25	0	0	2	6	2	1				
WATERLOO POLICE BRKS	84.8	60.0	72.4	95	3	48	24	0	11	0	0	0	2.56	1.13	25	0	0	4	4	2	1				
WESTMINSTER	84.2	58.7	71.5	- 1.7	96	3	48	6	2	9	0	0	0	1.72	- 3.36	1.27	26	0	3	1	1				
WOODSTOCK	85.9	57.8	71.9	- 1.6	97	3	46	24	3	9	0	0	0	1.58	- 2.79	.89	25	0	2	1	0				
DIVISION			72.7	- 1.1									1.87	- 2.88											
APPALACHIAN MOUNTAIN																									
CHEWESVILLE BRIDGEPORT	87.1	57.9	72.5	.2	98	3	46	6	2	11	0	0	0	1.30	- 2.91	.45	4	0	4	0	0				
CLEAR SPRING	88.7	58.8	73.8	99	3	45	6	4	14	0	0	0	.78	.36	4	0	0	3	3	0	0				
CUMBERLAND	86.1	57.2	71.7	96	3	46	6	3	8	0	0	0	.77	.67	5	0	0	1	1	0					
CUMBERLAND POLICE BRKS		54.1M	M																						
FROSTBURG	81.6	55.2	68.4	- 1.6	91	29	44	18	20	3	0	0	0	1.24	- 2.91	.92	4	0	2	2	1	0			
HAGERSTOWN	87.3	57.3	72.3	98	3	48	6+	1	11	0	0	0	1.29	.35	25	0	0	5	0	0					
HANCOCK FRUIT LAB	85.8	53.7	69.8	97	4	41	24	14	9	0	0	0	1.06	.68	4	0	0	2	1	0					
KEEDYSVILLE	90.1	58.8	74.5	.1	100	3+	47	6	0	17	0	0	0	1.10	- 3.03	.34	25	0	4	4	0	0			
PICARDY	85.3	56.8	71.1	95	3	45	6	5	11	0	0	0	.93	- 3.10	.84	4	0	1	1	0					
WESTERN PORT	87.8	58.0	72.9	.2	97	3+	46	24	1	10	0	0	0	1.16	- 3.08	.63	4	0	3	3	0				
DIVISION			71.9	- .6									1.04	- 2.89											
ALLEGHENY PLATEAU																									
BITTINGER 2 NW	77.5	52.4	65.0		86	3+	40	6	64	0	0	0	1.78	1.05	4	0	0	4	1	1					
NEW GERMANY	79.0	50.5	64.8		89	30	38	18	63	0	0	0	1.21	.60	4	0	0	3	2	0					
OAKLAND 1 SE	80.1	51.5	65.8	- 1.1	89	3	36	6	50	0	0	0	1.71	.80	4	0	0	5	1	0					
SAVAGE RIVER DAM	81.4	52.2	66.8		90	4+	42	21	33	3	0	0	1.50	.76	4	0	0	5	1	0					
SINES DEEP CREEK	79.3M	49.2M	64.3M	- 1.7	89	4	39	7	66	0	0	0	1.53	.76	4	0	0	2	2	0					
DIVISION			65.3	- 1.4									1.55	- 2.90											
DELAWARE																									
NORTHERN																									
MIDDLETOWN 2 S	86.1	62.1	74.1		98	3	48	24	0	9	0	0	0	5.17	4.20	25	0	0	4	1	1				
NEWARK UNIVERSITY FARM	86.5	60.3	73.4		96	3	47	24	1	8	0	0	0	2.72	1.37	26	0	0	4	2	1				
WILMINGTON N CASTLE WBAP	84.3	62.0	73.2	- .6	97	3	51	6	0	7	0	0	0	2.61	- 2.67	2.33	25	0	2	2	1				
WILMINGTON PORTER RESVR	82.7	62.0	72.4		95	3	52	24	0	3	0	0	0	2.04	- 3.48	1.80	25	0	1	1	1				
DIVISION			73.3	- .9									3.14	- 2.20											
SOUTHERN																									
BRIDGEVILLE 1 NW	84.7	61.5	73.1	- 1.3	96	3	49	24	3	8	0	0	0	1.67	- 3.98	.93	19	0	4	1	0				
DOVER	87.0	62.0	74.5	- .9	99	4	52	24	0	11	0	0	0	2.85	- 2.90	1.20	25	0	6	2	1				
GEORGETOWN 5 SW	85.9M	61.4M	73.7M		98	3	48	24	3	10	0	0	0	2.30	1.20	19	0	0	5	2	1				
LEWES	82.3	63.4	72.9		93	3	51	24	2	5	0	0	0	2.42	1.04	19	0	0	5	2	1				
MILFORD	85.1M	61.8M	73.5M		96	3	49	24	3	9	0	0	0	2.54	.91	19	0	0	4	3	0				
SELBYVILLE	84.2	60.7	72.5		96	1	48	14	2	7	0	0	0	3.22	1.50	19	0	0	6	2	1				
DIVISION			73.4	- 1.5									2.50	- 3.24											

See Reference Notes Following Station Index

DAILY PRECIPITATION

MARYLAND AND DELAWARE
AUGUST 1957

Table 3

DAILY TEMPERATURES

MARYLAND AND DELAWARE
AUGUST 1957

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		
MARYLAND																																	
ABERDEEN PHILLIPS FLD	MAX	89	92	94	84	80	79	82	85	87	86	88	88	79	82	86	90	81	83	70	80	87	78	80	87	71	77	87	75	79	87	84	82+8
	MIN	69	66	65	71	63	53	59	56	66	69	64	67	59	56	69	70	61	57	61	61	57	61	53	51	66	55	58	68	70	62+3		
ANNAPOLIS U S N ACADEMY	MAX	89	87	89	85	81	76	82	84	85	85	80	90	78	82	82	94	80	81	67	77	84	83	78	76	71	80	84	76	78	82	80	81+7
	MIN	70	71	73	73	67	66	64	67	72	70	68	72	65	67	75	73	69	66	63	63	63	67	59	59	65	65	68	62	64	70	67+3	
ANNAPOLIS 2 WNW	MAX	92	88	92	96	88	82	83	87	89	89	87	92	86	82	84	92	89	91	88	80	85	86	79	77	75	77	77	80	82	90	88	85+6
	MIN	68	60	63	71	66	58	56	58	58	71	62	67	59	53	64	70	66	54	59	60	58	56	56	55	61	55	55	63	61	60+6		
BALTIMORE WB AIRPORT	MAX	92	91	98	87	82	79	82	84	89	85	90	92	79	85	87	92	81	82	67	81	87	79	78	76	69	79	87	74	79	91	84	83+5
	MIN	68	65	66	69	65	53	59	58	67	68	63	69	61	56	70	71	63	56	61	61	57	64	55	51	64	64	65	58	60	67	70	62+5
BALTIMORE WB CITY	MAX	92	93	100	90	83	82	84	87	91	88	90	92	82	86	89	92	84	84	71	83	89	80	82	79	72	81	91	77	80	94	87	85+6
	MIN	77	72	77	76	68	62	67	69	76	74	70	73	63	66	75	76	69	69	64	65	66	61	60	66	67	72	61	68	70	77	69+1	
BALTIMORE HAMILTON	MAX	92	90	97	95	83	79	82	84	88	83	89	90	88	84	89	92	87	84	77	82	87	84	79	78	69	80	88	85	77	92	88	85+5
	MIN	68	64	69	71	64	53	59	61	68	69	64	67	57	59	69	71	60	60	59	54	64	64	61	66	54	61	67	69	63+0			
BELTSVILLE	MAX	92	92	96	96	86	81	78	82	86	86	92	93	81	86	90	95	84	85	65	81	88	88	71	78	68	80	87	77	80	92	84+9	
	MIN	63	69	72	71	61	49	52	53	58	65	57	65	57	49	68	58	59	52	57	61	61	55	57	62	64	53	55	61	70	59+5		
BELTSVILLE PLANT STA 1	MAX	91	91	91	96	86	80	79	81	86	88	85	92	91	81	86	89	92	84	83	65	81	87	80	80	78	68	80	87	77	82	92	84+2
	MIN	67	67	67	73	64	53	58	56	63	68	62	69	58	52	67	60	62	54	59	61	52	63	66	55	55	63	67	60+8				
BELTSVILLE PLANT STA 2	MAX	92	91	92	96	85	80	79	81	85	88	85	91	92	82	85	87	92	80	83	66	80	88	79	77	69	80	88	77	82	92	84+0	
	MIN	64	58	60	69	61	49	53	52	61	67	57	63	59	49	65	56	58	52	58	61	60	51	49	63	63	65	54	55	63	67	58+5	
BELTSVILLE PLANT STA 4	MAX	92	92	92	97	86	80	80	82	88	89	85	92	93	83	86	90	94	84	85	67	82	89	82	82	79	70	80	88	79	82	93	85+3
	MIN	66	64	67	72	64	54	58	56	63	68	63	69	58	52	67	60	62	55	58	60	57	61	53	62	65	54	57	62	67	61+0		
BELTSVILLE PLANT STA 5	MAX	90	91	91	97	86	80	78	80	86	89	81	92	94	82	85	87	92	80	83	66	80	88	79	77	69	80	87	88	77	82	92	84+0
	MIN	63	58	60	70	61	49	53	52	61	67	57	63	59	49	65	56	58	52	58	61	60	51	49	63	65	54	55	63	67	58+5		
BELTSVILLE PLANT STA 6	MAX	92	92	91	96	86	81	79	81	87	88	86	91	94	82	85	86	90	93	84	86	67	81	87	80	80	78	70	81	87	77	81	91+7
	MIN	67	65	64	73	64	55	57	56	64	69	63	69	60	52	67	59	63	55	59	61	58	67	54	52	61	62	65	55	57	63	67	61+4
BENSON POLICE BARRACKS	MAX	88	89	95	89	82	78	81	84	87	85	88	92	91	81	86	89	92	84	83	65	81	87	80	80	78	68	80	87	77	82	92	84+2
	MIN	67	62	64	70	62	49	57	52	63	68	62	69	58	52	66	68	56	54	57	56	54	57	51	49	62	61	64	51	56	62	66	59+2
BENTLEY SPRINGS 1 WNW	MAX	87	90	95	95	86	77	80	81	85	88	85	91	92	82	85	87	92	80	83	66	80	88	79	77	69	80	87	88	77	82	90	86+4
	MIN	64	58	60	70	61	49	53	52	61	67	57	63	66	58	62	64	60	55	57	61	60	57	47	63	62	65	66	56	62	66	66+2	
BETHESDA NAT INST HLTH	MAX	91	91	98	91	86	81	82	88	89	85	93	92	82	87	93	87	92	83	74	82	91	80	82	78	72	81	89	80	82	91	84+7	
	MIN	69	61	62	70	63	59	60	62	68	67	58	63	53	53	67	67	57	53	57	58	64	60	54	48	60	60	61	53	55	63	66	60+4
BITTINGER 2 NW	MAX	80	83	86	79	71	70	75	80	81	78	82	79	75	85	83	78	75	74	66	73	77	75	75	76	71	65	77	81	86	85	77+5	
	MIN	50	52	56	62	54	40	43	51	53	50	54	62	48	51	54	64	52	43	43	50	47	48	53	50	55	51	45	55	59	62	52+4	
BLACKWATER REFUGE	MAX	93	89	91	90	81	80	81	84	84	86	86	91	90	81	84	88	83	82	81	76	72	77	76	78	79	84	86	87	86	83+6		
	MIN	69	62	66	76	70	56	54	56	67	68	63	72	62	60	72	70	63	57	62	62	58	60	57	59	66	59	56	67	66+0			
BOYDS 2 NW	MAX	92	91	87	80	76	81	83	88	88	82	88	93	81	85	87	86	92	83	86	74	82	80	78	73	78	80	81	80	82	86	84+8	
	MIN	65	63	66	65	64	52	56	55	63	61	60	65	56	56	62	66	59	53	60	55	60	55	58	54	64	66	57	60	67	69+6		
BRIGHTWOOD DC	MAX	93	92	92	97	87	83	80	82	86	89	86	92	93	80	85	89	91	83	81	86	84	87	87	77	88	77	82	82	81	84+4		
	MIN	70	67	72	72	67	58	60	62	68	71	65	73	62	61	66	72	67	61	63	62	59	64	58	61	65	66	58	62	65	66+4		
CAMBRIDGE 4 W	MAX	90	89	93	88	83	78	83	86	92	88	86	93	91	84	86	94	86	83	86	76	78	84	80	78	74	79	81	85	76	83	90	87+4
	MIN	66	62	64	70	68	56	53	66	67	64	67	66	58	58	70	66	64	55	58	60	60	56	56	48	66	55	57	63	65	61+8		
CENTREVILLE	MAX	92	91	95	95	82	81	81	85	87	86	89	90	88	83	89	91	90	84	83	78	86	86	87	86	87	88	88	87	88	85+7		
	MIN	62	56	59	71	64	47	52	54	52	66	59	64	57	53	66	66	55	50	54	60	52	60	52	65	66	57	56	57	66	58+3		
CHARLOTTE HALL 2 ESE	MAX	91	88	95	93	80	79	81	86	89	92	92	93	84	88	93	91	89	81	69	75	83	80</										

DAILY TEMPERATURES

MARYLAND AND DELAWARE
AUGUST 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		
EMMITSBURG 2 SE	MAX	92	93	97	96	81	81	84	87	91	86	94	94	91	90	93	93	87	88	86	82	89	88	84	83	79	83	88	84	84	93	91	88+1	
	MIN	57	55	57	69	60	46	40	49	60	67	52	65	49	49	69	65	54	48	55	59	46	58	52	44	53	57	57	49	55	64	66	55+7	
FORT GEORGE G MEADE	MAX	94	93	98	96	84	80	83	86	89	86	92	94	82	88	91	94	87	84	78	82	88	85	82	79	72	78	88	86	80	92	90	86+5	
	MIN	62	57	59	71	61	46	50	52	61	67	58	63	59	49	67	66	59	51	56	60	51	60	50	46	61	62	61	54	55	64	63	58+1	
FREDERICK POLICE BRKS	MAX	91	93	96	93	84	80	83	87	92	88	93	92	89	92	92	90	88	86	81	80	88	85	83	82	74	78	89	81	82	92	88	86+8	
	MIN	67																																61+8
FREDERICK WB AIRPORT	MAX	91	91	97	88	80	80	83	86	91	87	94	91	81	90	92	91	83	86	73	81	87	81	81	79	66	78	88	78	82	93	87	85+0	
	MIN	61	59	63	69	58	50	52	64	63	57	68	55	54	71	66	59	53	58	59	51	60	57	49	60	62	64	54	59	66	70	59+2		
FROSTBURG	MAX	84	87	90	88	70	73	78	82	85	83	87	83	79	90	87	83	81	80	70	76	83	80	80	81	75	72	80	80	91	87	84	81+6	
	MIN	55	54	57	66	57	45	48	54	57	65	55	67	49	50	67	68	55	44	51	55	48	50	56	46	52	57	56	47	55	61	63	55+2	
GLENN DALE BELL STA	MAX	92	92	98	97	87	80	83	89	91	90	93	95	92	88	92	94	92	84	80	82	88	85	81	81	75	81	88	88	81	92	91	87+8	
	MIN	63	57	61	71	61	48	51	52	63	69	57	65	60	49	66	67	57	52	58	61	52	63	49	46	64	51	57	61	66	58+8			
GREENBELT	MAX	91	91	96	96	85	79	82	85	89	86	92	92	94	81	86	91	94	92	82	83	69	80	87	81	80	78	70	79	87	77	81	92	84+6
	MIN	66	58	62	72																													59+5
HAGERSTOWN	MAX	89	94	98	97	87	79	82	85	90	87	94	92	87	91	92	90	85	87	85	82	87	85	83	82	78	80	87	85	84	93	90	87+3	
	MIN	57	58	63	65	61	48	50	53	62	67	56	66	50	58	69	66	56	50	57	49	55	54	55	57	59	53	50	63	66	57+3			
HANCOCK FRUIT LAB	MAX	92	90	93	97	87	77	79	83	85	88	86	92	90	83	94	92	89	85	86	75	80	87	82	83	84	69	78	87	83	89	94	85+8	
	MIN	55	54	56	68	58	45	40	50	55	64	54	65	48	47	54	64	53	44	50	56	46	50	51	41	55	55	54	47	56	60	64	53+7	
KEEDYSVILLE	MAX	96	95	100	90	86	85	89	91	96	91	97	97	88	92	93	99	98	91	80	86	92	85	85	86	77	80	89	85	86	100	92	90+1	
	MIN	58	57	61	70	63	48	51	53	62	67	56	66	50	58	69	66	56	50	60	60	48	55	55	59	53	50	63	65	59+8				
LA PLATA 1 W	MAX	95	95	98	92	85	81	85	90	95	87	94	98	84	82	90	93	83	82	72	80	87	80	81	78	74	81	88	87	82	93	92	86+6	
	MIN	62	59	62	74	61	50	50	52	63	67	57	64	62	53	68	66	60	54	61	60	53	57	51	47	62	52	62	55	56	63	64	58+9	
LAUREL 3 N	MAX	92	92	104	95	85	79	83	88	89	87	93	92	91	86	91	93	92	85	86	82	83	84	86	78	75	87	76	80	91	91	86+9		
	MIN	69	66	71	72	65	55	61	65	69	72	66	71	62	59	68	71	63	59	61	61	60	65	65	53	63	65	55	60	63	65	63+4		
LEONARDTOWN 4 SSW	MAX	93	91	93	94	83	79	85	85	92	84	90	96	85	84	88	95	93	78	70	79	86	82	79	76	74	82	85	79	80	90	86	85+0	
	MIN	69	64	66	74	66	54	55	57	68	71	61	68	64	56	73	69	62	56	62	63	58	60	56	52	65	64	60	58	67	68	62+9		
MIDDLE RIVER 1 N	MAX	92	91	93	87	81	80	82	85	92	88	86	89	78	82	87	92	84	83	75	81	87	81	79	74	75	87	76	79	87	83+8			
	MIN	64	56	60	69	63	47	52	51	62	69	59	63	57	51	66	65	57	53	53	54	60	47	44	64	65	60	53	58	66	56+5			
MILLINGTON	MAX	92	92	98	95	82	80	84	89	88	88	91	92	83	87	91	94	86	86	80	82	80	74	78	88	85	80	89	88	86+3				
	MIN	62	56	60	69	63	47	52	52	68	64	57	64	54	51	65	64	56	52	54	59	54	56	47	44	62	61	59	50	51	60	65	57+4	
NATIONAL ARBORETUM D C	MAX	94	95	100	99	88	81	85	87	91	89	95	95	94	88	93	96	94	83	87	82	83	89	87	84	82	76	82	88	88	85	93	93	89+0
	MIN	69	63	67	72	65	54	61	58	70	73	63	73	61	58	70	71	64	58	62	62	58	64	53	52	64	63	66	56	59	64	69	63+2	
NEW GERMANY	MAX	79	79	82	86	63	74	76	74	79	80	78	81	77	76	86	84	78	75	79	75	76	81	80	78	80	85	77	89	88	79+0			
	MIN	52	52	52	51	47	41	40	46	51	55	48	60	43	44	51	59	51	38	39	57	53	49	46	54	51	52	56	47	61	60	59	50+5	
OAKLAND 1 SE	MAX	84	87	89	80	68	71	76	83	84	82	84	80	80	88	88	83	82	77	68	76	79	77	77	73	73	65	80	84	86	87	80+1		
	MIN	64	45	49	64	57	36	38	44	49	62	57	63	51	47	63	57	50	57	42	58	46	38	46	47	46	43	52	51	57	51+5			
OCEAN CITY	MAX	100	87	84	86	82	78	86	87	88	93	90	97	75	78	79	84	84	83	69	80	82	88	82	82	80	80	83	83	86	84+7			
	MIN	70	66	70	68	68	61	59	60	75	72	71	69	62	62	70	69	66	63	63	64	66	67	66	66	66	65	65	66	66	66+1			
OWINGS PERRY LANDING	MAX	94	92	97	88	84	81	85	90	93	88	89	94	78	83	86	91	87	80	72	77	83	79	75	73	70	80	86	79	91	86+2			
	MIN	67	62	67	75	63	53	57	58	66	70	62	68	63	55	70	67	67	55	61	57	61	53	61	63	60	65	67	62+1					
PARKTON 2 SW	MAX	87	89	95	94	88	77	80	83	85	86	84	90	77	84	86	89	82	82	71	81	85	78	78	76	69	78	86	72	77	89	86+2		
	MIN	62	60	63	68	59	46	54	54	63	67	61	65	50	49	66	65	52	55	55	58	54	55	49	48	61	61	56	55	67+9				
PICARDY	MAX	89	90	95	89	73	78	82	85	90	86	91	90	81	92	92	90	84	85	76	78	85	82	81	83	72	76	88	82	94	93	91+3		
	MIN	57	57	61	67	57	45	51	55	62	66	58	68	52	57	69	57	49	52	56	52	51	47	56	58	55	51							

DAILY TEMPERATURES

MARYLAND AND DELAWARE
AUGUST 1957

Table S-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		
STEVENSVILLE 1 W	MAX	90	90	92	92	87	81	82	85	85	85	70	86	86	85	91	91	90	61	78	85	85	78	78	79	85	84	80	87	86	85	85+4		
	MIN	74	68	71	74	71	60	63	65	71	74	70	62	63	73	73	69	61	62	67	64	60	54	65	69	59	60	67	67	71	66	66+4		
TAKOMA PARK MISS AVE	MAX	89	89	94	86	84	78	80	87	89	85	88	92	86	86	89	91	85	85	69	79	86	81	80	78	70	80	85	82	89	89	85	84+2	
	MIN	66	63	65	71	63	53	57	65	70	69	59	55	68	70	62	56	61	61	56	58	56	52	62	62	65	56	64	69	64	69	62+0		
TOWSON	MAX	90	90	98	97	85	79	82	86	87	88	90	89	88	84	90	90	88	83	80	80	86	86	81	80	77	80	87	87	78	90	90	90	86+0
	MIN	69	54	60	70	63	44	46	53	53	64	68	59	65	56	54	68	68	57	56	59	59	53	59	52	49	55	61	56	51	57	67	68	56+9
UNIONVILLE	MAX	92	92	99	91	79	79	81	89	92	86	94	93	91	90	92	92	85	89	70	81	87	83	85	82	71	78	87	78	84	92	88	85+9	
	MIN	69	54	60	70	63	44	46	53	53	62	68	54	63	53	50	70	65	52	49	55	61	56	51	46	59	61	56	51	57	67	68	56+9	
U S SOLDIERS HOME D C	MAX	94	93	92	97	86	82	80	83	89	90	86	93	95	82	87	92	95	81	84	64	80	88	81	82	78	67	81	89	78	82	93	85+3	
	MIN	69	67	69	75	64	55	60	63	68	70	64	71	60	60	66	71	65	61	62	60	58	62	56	56	59	61	63	52	52	63	68	62+9	
UPPER MARLBORO 3 NNW	MAX	94	92	92	98	87	82	79	83	89	90	87	92	94	80	86	92	93	81	83	70	79	86	89	79	76	73	79	87	77	79	93	85+2	
	MIN	66	58	62	72	62	48	52	53	63	70	58	65	62	49	66	66	58	52	51	59	61	47	65	61	64	56	56	61	65	61	59+4		
VIENNA	MAX	95	94	96	93	84	82	84	89	91	91	92	93	82	84	84	95	81	85	73	78	88	81	77	80	81	83	87	81	83	90	90	86+0	
	MIN	69	61	67	77	68	55	54	57	71	68	65	72	61	59	64	71	61	57	62	63	59	62	56	52	66	65	67	56	57	64	67	63+0	
VIERS MILL	MAX	92	92	98	87	84	80	82	88	92	95	87	86	91	94	87	85	73	81	88	82	88	80	73	81	88	86	82	93	90	86+4			
	MIN	63	60	63	63	62	50	52	53	64	58	58	53	71	67	58	53	56	59	52	57	60	61	62	54	57	65	68	58+7					
WALDORF POLICE BRKS	MAX	94	94	101	100	90	85	85	91	98	89	95	86	88	92	95	93	84	84	78	77	86	85	78	79	76	82	87	89	83	92	90	88+1	
	MIN	63	60	63	73	65	52	54	53	63	71	65	62	51	68	68	61	54	58	53	54	61	52	47	63	58	63	56	55	61	64	59+7		
WASHINGTON WB CITY D C	MAX	92	93	99	87	80	80	83	88	90	87	93	94	83	87	90	92	81	83	68	81	82	76	70	79	89	79	83	94	90	85+3			
	MIN	71	67	72	72	65	58	62	52	60	70	73	63	64	74	72	67	63	63	64	63	61	59	57	64	63	68	59	65	69	73	65+9		
WATERLOO POLICE BRKS	MAX	90	90	95	94	85	80	80	85	92	91	90	90	80	82	86	92	85	84	76	79	85	85	82	81	74	77	81	81	76	90	90	84+8	
	MIN	68	60	62	72	65	50	55	55	63	73	63	67	63	51	67	71	62	54	58	58	54	54	48	55	63	55	55	59	67	60+0			
WESTERN PORT	MAX	93	95	97	88	76	80	85	89	92	90	93	89	85	97	91	89	87	88	80	82	88	86	87	85	80	75	89	87	96	94	89	87+8	
	MIN	60	58	60	68	58	48	52	50	60	65	62	64	58	56	70	68	60	60	50	56	56	46	58	58	58	50	56	60	68	58+0			
WESTMINSTER	MAX	88	90	96	90	79	79	80	85	90	84	91	90	82	87	90	90	82	86	80	80	84	80	80	78	71	77	85	81	79	90	86	84+2	
	MIN	66	59	65	68	62	48	51	52	64	67	58	66	52	55	67	68	55	54	57	58	52	56	50	49	59	59	61	51	58	65	67	58+7	
WOODSTOCK	MAX	91	92	97	93	80	79	82	86	89	86	93	92	81	88	91	93	84	87	80	82	89	86	82	79	74	78	87	84	80	91	88	85+9	
	MIN	63	57	60	70	65	48	51	50	61	68	57	63	56	49	66	67	55	53	53	59	51	57	49	46	62	62	62	52	56	56	67	57+0	
DELAWARE																																		
BRIDGEVILLE 1 NW	MAX	92	92	96	92	84	80	85	88	87	89	90	91	82	87	84	91	85	84	77	77	85	77	76	75	77	80	86	81	79	90	87	84+7	
	MIN	68	62	64	76	69	53	54	56	67	71	63	65	60	52	68	67	59	51	61	62	58	63	57	49	66	65	62	57	56	56	69	61+5	
DOVER	MAX	92	92	97	99	84	83	84	89	88	95	90	90	90	87	88	92	92	83	80	79	86	84	77	72	79	88	87	88	79	86	94	87+0	
	MIN	70	63	66	71	67	55	57	65	70	64	70	59	54	68	69	60	59	51	61	61	55	52	60	61	65	57	58	62	69	62+0			
GEORGETOWN 5 SW	MAX	94	92	98	93	86	82	85	90	86	88	92	91	82	90	85	93	85	85	77	85	84	75	75	75	79	80	85	83	80	90	87	85+9	
	MIN	68	59	64	76	70	59	52	53	67	71	62	68	63	50	67	70	59	52	63	57	61	55	48	67	56	63	59	54	60	68	61+4		
LEWES	MAX	90	89	93	92	82	75	81	85	82	85	84	90	76	81	82	87	87	82	66	74	86	80	73	76	75	80	90	85	85	84	82+3		
	MIN	66	65	67	74	72	60	58	55	66	71	64	67	64	54	64	60	66	60	61	60	61	51	68	66	68	63	61	60	68	63+4			
MIDDLETON 2 S	MAX	92	93	98	95	84	82	85	81	90	89	91	90	83	89	91	95	91	85	83	80	90	82	84	81	73	77	88	82	80	88	87	86+1	
	MIN	66	61	66	74	68	51	56	56	67	69	63	69	59	55	70	70	61	57	59	57	51	48	68	66	65	56	59	66	71	62+1			
MILFORD	MAX	93	94	96	92	86	82	87	90	87	86	91	86	88	89	90	95	82	85	74	79	86	83	75	75	74	79	85	80	77	90	86	85+1	
	MIN	67	62	65	76	67	52	56	55	66	70	68	64	61	53	63	68	62	53	60	61	56	49	66	65	63	58	56	66	68	61+8			
NEWARK UNIVERSITY FARM	MAX	91	92	96	95	85	87	85	86	89	88	90	90	88	86	90	93	87	89	78	82	89	89	84	80	78	86	85	85	87	86	86+5		
	MIN	68	62	63	73	65	49	52	54	66	72	61	68	56	51	65	70	57	54	57	60	55	47	64</										

EVAPORATION AND WIND

MARYLAND AND DELAWARE
AUGUST 1957

Table 6

Station		Day of month																													Total Avg.			
		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		
BELTSVILLE, MD.	EVAP	.14	.47	.40	.10	-	.35	.36	.32	.07	.14	.15	.28	.38	.30	.20	.27	.31	.28	*	*	.58	.16	.20	.23	.12	-	.05	.30	.19	.26	.40	B7.49	
	WIND	42	44	24	20	25	72	36	57	12	21	47	28	79	41	50	30	70	31	51	42	15	43	57	43	29	100	65	48	27	31	35	1315	
	MAX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
	MIN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
SAVAGE RIVER DAM, MD.	EVAP	.14	.35	.25	.24	.17	.24	.23	.18	.17	.13	.17	.14	.27	.29	.22	.16	.18	.33	.26	.09	.16	.14	.25	.24	.21	.09	.06	.24	.15	.25	.26	.6.26	
	WIND	42	38	24	29	33	57	31	30	16	39	55	27	42	28	18	20	54	32	25	0	68	18	33	31	35	31	52	63	28	29	38	1066	
	MAX	85	90	91	91	84	85	80	83	87	84	84	90	82	86	92	88	85	88	88	65	77	81	83	85	80	65	71	82	82	88	87	83.5	
	MIN	60	58	62	62	52	52	51	53	57	60	61	57	55	56	68	59	50	51	65	52	52	65	52	55	56	53	43	60	62	56.5			
UPPER MARLBORO 3 NNW, MD.	EVAP	.21	.32	.28	.32	.15	.31	.14	.39	.21	.16	.11	.16	.44	.25	.22	.12	.33	.17	.22	.02	.17	.22	.17	.24	.12	.06	.41	.26	.20	.16	.33	6.87	
	WIND	4	5	3	7	7	18	11	15	3	5	10	5	42	14	18	4	19	6	27	12	0	16	9	11	3	15	4	11	3	4	314		
	MAX	93	95	94	96	86	87	83	86	86	85	84	94	92	87	88	88	91	82	84	68	86	87	81	86	73	69	80	89	69	85	92	85.4	
	MIN	68	65	67	73	67	56	58	58	66	70	63	71	60	56	68	69	62	58	62	61	61	61	56	55	64	61	66	61	62	65	71	63.3	
GEOGETOWN 5 SW, DEL.	EVAP	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.10	.11	.16	.07	.20	.01	.10	.20	.12	.18	.14	.14	-	
	WIND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20	14	29	35	27	29	69	29	36	22	17	-		
NEWARK UNI FARM, DEL.	EVAP	.16	.29	.29	.21	.28	.26	.47	.05	.14	.09	.20	.36	.18	.21	.21	.17	.29	.41	.00	.16	.38	.06	.14	.17	.19	.17	.21	.23	.27	.07	.12	.6.44	
	WIND	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
	MAX	94	95	97	96	86	87	88	88	86	80	95	92	90	90	90	95	89	81	81	84	90	90	88	86	80	76	78	89	87	84	89	90	88.2
	MIN	69	68	69	77	71	59	61	61	69	73	65	72	61	61	70	74	67	64	62	63	66	65	58	58	67	74	67	62	65	68	74	66.5	

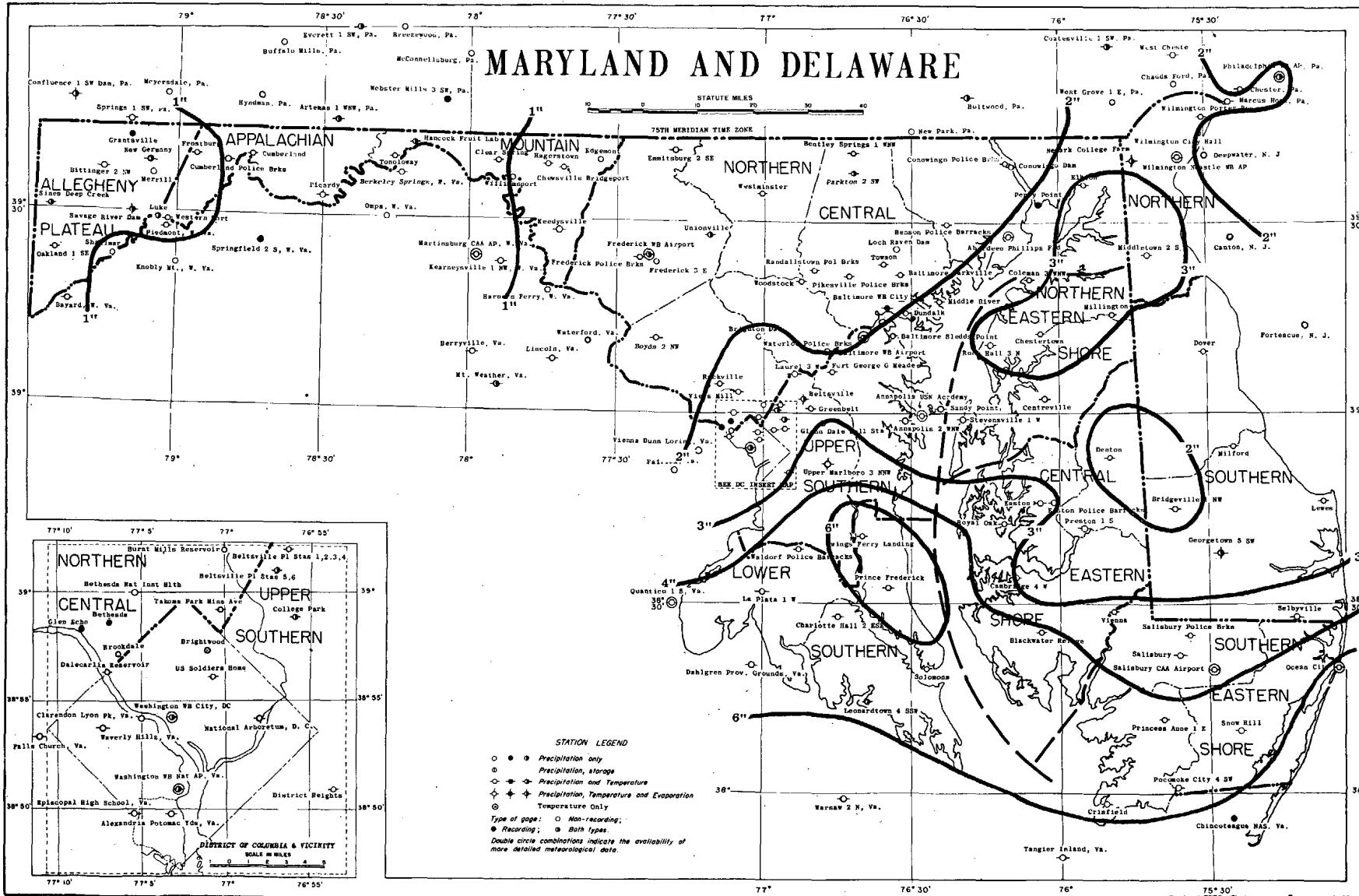
SUPPLEMENTAL DATA

Station	Wind direction		Wind speed m. p. h.				Relative humidity averages - percent				Number of days with precipitation								Percent of possible sunshine	Average sky cover sunrise to sunset
	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	1:00 a EST	7:00 a EST	1:00 p EST	7:00 p EST	Trace	.01-.09	.10-.49	.50-.99	1.00-1.99	2.00 and over	Total			
ABERDEEN PHILLIPS FIELD, MD.	-	-	-	-	-	-	84	83	59	71	3	1	4	1	1	0	10	-	-	
ANNAPOLIS USM ACADEMY, MD.	-	-	-	-	-	-	76	77	57	64	5	3	3	0	1	0	12	-	-	
BALTIMORE WB AIRPORT, MD.	WNW	10	10.7	31	N	4	77	78	48	61	6	1	3	0	1	0	11	59	5.7	
FREDERICK WB AIRPORT, MD.	-	-	-	-	-	-	-	-	-	-	3	1	3	0	1	0	8	-	-	
WASHINGTON WB CITY	NW†	13†	5.7	21	N	4	71†	74†	47†	54†	2	3	2	0	1	0	8	63†	5.2†	
WILMINGTON WB AIRPORT, DEL.	N	15	9.4	-	-	-	77	77	45	57	5	3	1	0	0	1	.10	-	5.6	
† Airport Data																				

See Reference Notes Following Station Index

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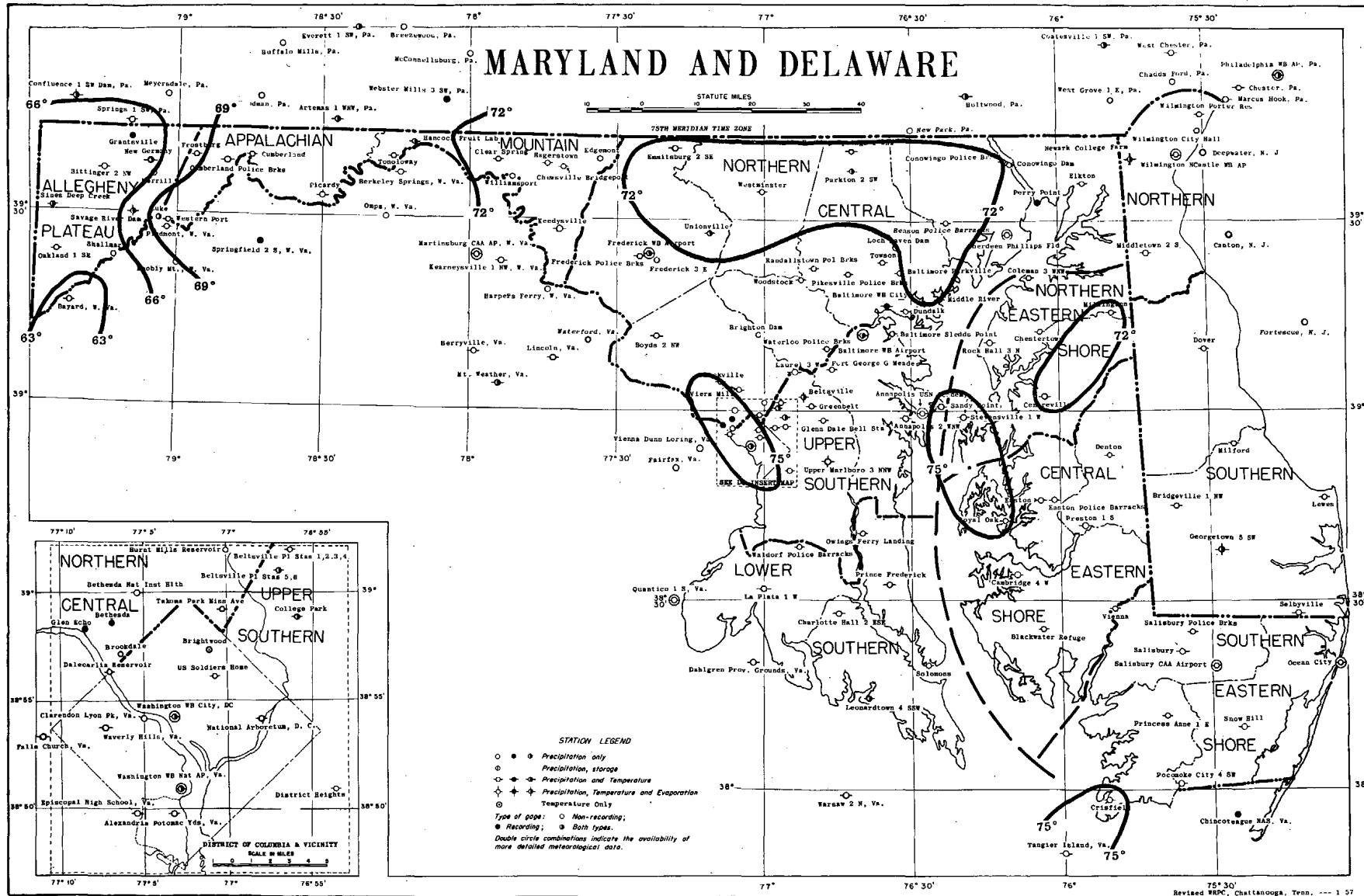
MARYLAND AND DELAWARE



Revised WRPD Contingency, Term --- 1 57
Isolines are drawn through points of approximately equal values. Hourly precipitation data from recorder substations will be available in the publication "Hourly Precipitation Data".

AVERAGE TEMPERATURE

AUGUST 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".

STATION INDEX

MARYLAND AND DELAWARE
AUGUST 1957

Station	Index No.	County	Drainage 1	Latitude	Longitude	Elevation	Observer	Refer To Tables	Station	Index No.	County	Drainage 1	Latitude	Longitude	Elevation	Observer	Refer To Tables	
MARYLAND																		
ABERDEEN PHILLIPS FLD	0015	HARFORD	1 39 28	76 10	62	SP MID U.S. AIR FORCE	2 3 5	7	POOMOKE CITY 4 SW	5103	CALVERT	1 39 42	76 42	620	TP THOMAS J. BOURNE	2 3 5	7	
ANNAPOLIS U S N ACADEMY	0185	ANNE ARUNDEL	1 38 59	76 29	60	SP MID U.S. NAVY	2 3 5	7	PARKTON 2 SN	5104	BALTIMORE	1 39 35	76 24	620	TP JOHN R. FOX	2 3 5	7 C	
ANNAPOLIS 2 WNW	0193	ANNE ARUNDEL	1 38 59	76 31	65	SP RADIO STATION WNAV	2 3 5	7	PERRY POINT	5108	CECIL	1 39 33	76 30	1030	SP VETERANS ADMIN	2 3 5	C	
BALTIMORE WB AIRPORT	0485	ANNE ARUNDEL	1 39 11	76 40	146	SP MID U.S. WEATHER BUREAU	2 3 5	7 C	PICARDY	5110	ALLEGANY	1 39 33	76 30	1030	SP POTOMAC HLLD ORCHARD	2 3 5		
#BALTIMORE WB CITY	0470	BALTO CITY	1 39 17	76 37	14	SP MID U.S. WEATHER BUREAU	2 3 5	7 C	PIKESVILLE POL BRKS	7019	BALTIMORE	1 39 23	76 43	500	SP MD STATE POLICE	2 3 5		
BALTIMORE HAMILTON	0475	BALTO CITY	1 39 21	76 33	330	SP K. M. KINNERSLEY, JR	2 3 5	7	POOMOKE CITY 4 SW	7140	WORCESTER	1 38 01	75 37	8	TP CLIFTON L. SHAY	2 3 5	7	
BELTSVILLE PLANT STA 1	0701	PRINCE GEORGE	1 39 02	76 26	150	SP USA PLANT IND STA	2 3 5	6 C	PRESTON 1 S	7141	CAROLINE	1 38 42	75 55	8	TP FRANKLIN D. NUSBAUM	2 3 5		
BELTSVILLE PLANT STA 2	0702	PRINCE GEORGE	1 39 02	76 26	150	SP USA PLANT IND STA	2 3 5	6 C	PRINCE FREDERICK	7125	CALVERT	1 38 32	75 50	140	SP BOYD KING	2 3 5		
BELTSVILLE PLANT STA 4	0703	PRINCE GEORGE	1 39 02	76 50	265	SP USA PLANT IND STA	2 3 5	6 C	PRINCESS ANNE 1 E	7130	SOMERSET	1 38 12	75 45	157	SP JEANETTE BELLINGER	2 3 5	7	
BETTLESPRING 1 NW	0723	BALTIMORE	1 37 41	76 42	750	SP CARL A. PITTINGER	2 3 5	7	RANDALLSTOWN POL BRKS	7143	BALTIMORE	1 39 23	76 50	255	SP AD STATE POLICE	2 3 5		
BETHESDA NAT INST HLTH	0880	MONTGOMERY	1 39 00	77 06	310	SP NAT. INST. OF HEALTH	2 3 5	7	ROCK HALL 3 N	7700	KENT	1 39 11	75 14	20	SP R. L. ENBREE	2 3 5		
BETHLEHEM 1 NW	0915	MONTGOMERY	1 39 00	77 06	270	SP NAT. INST. OF HEALTH	2 3 5	7	RUCKERSBURG	7701	ROCKAWAY	1 39 45	75 45	40	SP ROBERT L. COOPER	2 3 5		
BLACKWATER REFUGE	0915	DORCHESTER	1 38 26	76 08	40	SP NAT. WILDLIFE REF	2 3 5	7	ROYAL OAK	7704	TALBOT	1 38 43	76 11	10	SP LA. SWAIN, JR.	2 3 5	7	
BOYDS 2 NW	1032	MONTGOMERY	1 39 12	77 28	580	SP MD STATE POLICE	2 3 5	7	SALISBURY	8000	WICOMICO	1 38 22	75 36	10	SP CITY OF SALISBURY	2 3 5		
BRIGHTON DAN	0795	MONTGOMERY	1 38 58	77 07	920	SP CORPS OF ENGINEERS	2 3 5	7 C	SALISBURY POLICE BRKS	8003	WICOMICO	1 38 25	75 34	20	SP MD STATE POLICE	2 3 5		
BROOKDALE	1170	MONTGOMERY	1 38 57	77 06	260	SP B. FRANCIS DASHIELL	3		SANDY POINT	8005	WICOMICO	1 38 20	75 30	52	SP CIVIL AERO. ADMM.	2 3 5	7	
BURNY MILLS RESERVOIR	1278	MONTGOMERY	1 39 02	76 09	220	SP J. M. JESTER	3		SAVAGE RIVER DAM	8030	ANN ARUNDEL	1 39 01	76 24	10	SP G. W. PHILLIPS	2 3 5		
CAMBRIDGE 4 W	1385	DORCHESTER	1 38 34	76 09	5	SP G. ARCY MC B. HARDING	2 3 5	7	SHAMOYER	8065	GARRETT	1 39 31	79 08	1495	SP UPR. POTOMAC RVR. COMM	2 3 5	C	
CENTREVILLE 1 NW	1370	MONTGOMERY	1 39 02	76 04	105	SP G. COPEVELLE TIL. CO	2 3 5	7	SINES DEEP CREEK	8019	GARRETT	1 39 23	79 12	1700	SP CLARENCE B. KIMBLE	2 3 5		
CHARLOTTE HALL 2 ESE	1495	ST MARYS	1 38 28	76 47	107	SP J. B. ENNISON	2 3 5	7	SNOHILL	8380	WORCESTER	1 38 11	75 24	14	SP FRED M. SEILING	2 3 5	7	
CHESTERTOWN	1750	KENT	1 39 13	76 04	35	SP J. R. ELIASON, JR.	2 3 5	7	SOLDIERS HOME	8381	DOUGLASS	1 39 24	75 20	10	SP J. C. HESKETT, JR., LAB.	2 3 5		
CHESAPEAKE BRIDGEPORT	1800	WASHINGTON	1 39 40	76 54	550	SP G. ARCY MC B. HARDING	2 3 5	7	STEVENSVILLE 1 W	8357	QUEEN ANNES	1 38 59	79 20	10	SP G. W. PHILLIPS	2 3 5		
CLEAR SPRING	1890	WASHINGTON	1 39 40	76 54	550	SP MRS. L. A. CONNELL	2 3 5	7	TAKOMA PARK MISS AVE	8372	MONTGOMERY	1 38 59	77 00	230	SP D. L. HARVEY	2 3 5		
COLEMAN 3 WNW	1980	KENT	1 39 23	76 45	78	SP W. B. HARRIS	2 3 5	7	TOWSON	8377	BALTIMORE	1 39 24	76 36	430	SP BALTIMORE CO POLICE	2 3 5		
COLLEGE PARK	1999	PRINCE GEORGE	1 38 59	76 56	70	SP U. S. GEO. SURVEY	2 3 5	7 C	UNIONVILLE	9230	FREDERICK	1 39 27	77 11	420	SP G. P. VON EIFF, JR.	2 3 5	7 C	
CONNINGWY DAM	2060	HARFORD	1 39 39	76 10	40	SP SUSQUEHANNA ELEC CO	2 3 5	7	VIENNA	9270	PRINCE GEORGE	1 38 52	76 47	98	SP TOBACCO EXP. FARM	2 3 5		
CRISFIELD POLICE BRKS	2065	HARFORD	1 39 39	76 11	195	SP MD STATE POLICE	2 3 5	7	WESTMINSTER	9275	DORCHESTER	1 38 29	76 50	12	SP IRON SHOALS SVR. CO	2 3 5		
CUMBERLAND	2282	ALLEGANY	1 39 38	76 43	45	SP G. C. ADAMS, SR.	2 3 5	7	WOODSTOCK	9270	CHARLES	1 38 40	76 50	310	SP J. B. BROWN	2 3 5		
CUMBERLAND POLICE BRKS	2285	ALLEGANY	1 39 38	76 50	920	SP R. R. GOLDEN	2 3 5	7	WATERFORD POLICE BRKS	9314	HOWARD	3 39 10	76 47	230	SP MD STATE POLICE	2 3 5		
DENTON	2523	CAROLINE	1 38 53	73 50	20	SP JAMES K. COOPER	2 3 5	7	WESTERN POLICE	9315	ALLEGANY	3 39 09	76 47	230	SP SP. POLICE	2 3 5		
DODGE 1 NW	2524	CAROLINE	1 38 53	73 50	20	SP J. L. COOPER	2 3 5	7	WESTMINSTER	9316	CARROLL	3 39 35	77 00	770	SP J. H. MATTHIAS	2 3 5	7	
EASTON	2595	TALBOT	1 38 46	76 04	29	SP J. P. MULLER	2 3 5	7	WILLIAMSPORT	9370	WASHINGTON	3 39 37	77 51	300	SP HAGERSTOWN WTR PLT	2 3 5		
EASTON POLICE BRKS	2700	TALBOT	1 38 46	76 01	60	SP MD STATE POLICE	2 3 5	7	WOODSTOCK	9750	BALTIMORE	3 39 20	76 52	415	SP WOODSTOCK COLLEGE	2 3 5		
EDGEMONT	2770	WASHINGTON	1 39 40	77 33	905	SP LEE G. HARRE	3		DISTRICT OF COLUMBIA	-	-	-	-	-	-	-	-	
ELKTON	2860	CECIL	1 39 36	75 50	28	SP H. M. BOUCHELLE	2 3 5	7	BRIGHTWOOD	9135	DALECARLIA	2 39 57	77 01	260	SP BENJ. C. CRUCKSHANKS	2 3 5		
EMMITSBURG 2 SE	2906	FREDERICK	1 39 41	77 18	50	SP MRS. LUCILLE K. BEALE	2 3 5	7	DALECARLIA RESERVOIR	9140	DOVER	2 39 59	75 37	50	SP COOP. ENGR. ENGR.	2 3 5		
FORT GEORGE G. GRADE	9230	ANNE ARUNDEL	1 39 06	76 45	140	SP FILTRATION PLANT	2 3 5	7	NATIONAL ARBORETUM	9150	SUSSEX	2 38 54	76 58	70	SP UNI. AGRIC. EXP. STA.	2 3 5		
FREDERICK POLICE BRKS	9340	FREDERICK	1 39 25	77 26	224	SP MD STATE POLICE	2 3 5	7 C	LEWES	9152	SUSSEX	2 38 46	75 06	10	SP OTIO F. VOLG	2 3 5		
FREDERICK WB AIRPORT	9350	FREDERICK	1 39 23	77 23	224	SP MID U.S. WEATHER BUREAU	2 3 5	7 C	MIDDLETON 2 S	9182	NEW CASTLE	2 39 25	75 42	60	SP GREEN GIANT COMPANY	2 3 5		
FREDERICK 3 E	3155	FREDERICK	1 39 24	77 22	120	SP A. GLENN R. STALEY	3		MILFORD	9191	SUSSEX	2 38 55	75 26	10	SP JOHN E. BARCUS	2 3 5		
FRUITLAND	3164	MONTGOMERY	1 38 58	77 09	105	SP C. E. COOPER	2 3 5	7	NEWARK UNIVERSITY FARM	9140	NEW CASTLE	2 39 40	75 44	90	SP UNIV. OF DELAWARE	2 3 5		
GLEN ECHO	3165	MONTGOMERY	1 38 58	77 09	105	SP CORPS OF ENGINEERS	2 3 5	7	SPRINGFIELD CITY HALL	9265	SUSSEX	2 38 28	75 13	32	SP WILM. LONG	2 3 5		
GLENDALE BELL STA	3175	PRINCE GEORGE	1 39 42	76 48	151	SP PLANT INTRO. GARDEN	2 3 5	7	WILMINGTON PORTER RESR	9265	NEW CASTLE	2 39 41	75 35	99	SP STREET DEPARTMENT	2 3 5		
GRANTSVILLE	3193	GARRETT	1 39 42	76 09	2300	SP FLOYD J. MILLER	2 3 5	7	WILMINGTON PORTER RESR	9265	NEW CASTLE	2 39 46	75 32	274	SP U.S. WEATHER BUREAU	2 3 5	7	
GREENBELT	3180	PRINCE GEORGE	1 39 01	76 52	200	SP WILLIAM H. KLEIN	2 3 5	7	WILLMINGTON PORTER RESR	9265	MARYLAND	2 39 46	75 32	274	SP WATER DEPARTMENT	2 3 5	7	
HAGERSTOWN 1 NW	3175	WASHINGTON	1 39 39	77 44	600	SP HAGERSTOWN RESR	2 3 5	7	WILLMINGTON PORTER RESR	9265	MARYLAND	2 39 46	75 32	274	SP WATER DEPARTMENT	2 3 5	7	
HANCOCK FISH LAB	4030	WASHINGTON	1 39 42	78 11	420	SP J. E. HD. FRUIT LAB	2 3 5	7	WILLMINGTON PORTER RESR	9265	MARYLAND	2 39 46	75 32	274	SP WATER DEPARTMENT	2 3 5	7	
KELLOGG 1 NW	4031	WASHINGTON	1 39 42	78 11	420	SP J. E. HD. FRUIT LAB	2 3 5	7	WILLMINGTON PORTER RESR	9265	MARYLAND	2 39 46	75 32	274	SP WATER DEPARTMENT	2 3 5	7	
LA PLATE 1 W	5080	CHARLES	1 38 32	77 06	140	SP L. RUSSELL LEWIS	2 3 5	7	WILLMINGTON PORTER RESR	9265	MARYLAND	2 39 46	75 32	274	SP WATER DEPARTMENT	2 3 5	7	
LAWRENCE 3 W	5111	PRINCE GEORGE	1 39 05	76 54	400	SP PARKTON FILT. PLANT	2 3 5	7	WILLMINGTON PORTER RESR	9265	MARYLAND	2 39 46	75 32	274	SP WATER DEPARTMENT	2 3 5	7	
LEONARDTOWN 4 SSW	5120	ST MARYS	1 39 38	76 39	50	SP G. COOPER	2 3 5	7	WILLMINGTON PORTER RESR	9265	MARYLAND	2 39 46	75 32	274	SP WATER DEPARTMENT	2 3 5	7	
LOCH RAVEN DAM	5130	BALTIMORE	1 39 24	76 33	150	SP CITY OF BALTIMORE	3		WILLMINGTON PORTER RESR	9265	MARYLAND	2 39 46	75 32	274	SP WATER DEPARTMENT	2 3 5	7	
LUKE	5130	ALLEGANY	1 39 28	79 04	1020	SP J. G. PATRICK	3		WILLMINGTON PORTER RESR	9265	MARYLAND	2 39 46	75 32	274	SP WATER DEPARTMENT	2 3 5	7	
MERRILL	5194	GARRETT	1 39 26	76 05	1700	SP DELWOOD E. MERRILL	3		WILLMINGTON PORTER RESR	9265	MARYLAND	2 39 46	75 32	274	SP WATER DEPARTMENT	2 3 5	7	
MIDDLE RIVER 1 N	5117	BALTIMORE	1 39 21	76 27	60	SP MRS. MILDRED L. HENKEL	2 3 5	7	WILLMINGTON PORTER RESR	9265	MARYLAND	2 39 46	75 32	274	SP WATER DEPARTMENT	2 3 5	7	
MILLINGTON	5183	KENT	1 39 16	75 51	30	SP LOUIS H. HOLLETT	2 3 5	7	WILLMINGTON PORTER RESR	9265	MARYLAND	2 39 46	75 32	274	SP WATER DEPARTMENT	2 3 5	7	
NEW GERMANY	4040	GARRETT	1 39 36	79 07	2400	SP MD. DEPT. FRS. + PKS	2 3 5	7 C	WILLMINGTON PORTER RESR	9265	MARYLAND	2 39 46	75 32	274	SP WATER DEPARTMENT	2 3 5		
DALE 1 NW	6020	GARRETT	1 39 26	79 07	240	SP K. E. WEBER	2 3 5	7	WILLMINGTON PORTER RESR	9265	MARYLAND	2 39 46	75 32	274	SP WATER DEPARTMENT	2 3 5		
OCEAN CITY	6065	WORCESTER	1 39 26	79 03	17	SP S. COAST GUARD	2 3 5	7	WILLMINGTON PORTER RESR	9265	MARYLAND	2 39 46	75 32	274	SP			