

# Climatological Data



## MARYLAND AND DELAWARE

### TEMPERATURE AND PRECIPITATION EXTREMES

HIGHEST TEMPERATURE:	BALTIMORE WSO CI	MD.	93	DATE 20
LOWEST TEMPERATURE:	OAKLAND I SE	MD.	19	DATE 02
GREATEST TOTAL PRECIPITATION:	CATOCTIN MOUNTAIN PARK MD.		8.71	
LEAST TOTAL PRECIPITATION:	BALTIMORE WSO CI	MD.	4.56	
GREATEST 1 DAY PRECIPITATION:	CATOCTIN MOUNTAIN PARK MD.		2.92	DATE 14

### SUPPLEMENTAL DATA

	WIND (SPEED - M.P.H.)								RELATIVE HUMIDITY AVERAGES- PERCENT				NUMBER OF DAYS WITH PRECIPITATION							PERCENT OF POSSIBLE SUNSHINE AVERAGE (TENTHS)	SKY COVER SUNRISE TO SUNSET
	RESULTANT DIRECTION	RESULTANT SPEED	AVERAGE	FASTEST MILE	DIRECTION OF FASTEST MILE	DATE OF FASTEST MILE	STANDARD OF TIME				TRACE	.01-.09	.10-.49	.50-.99	1.00-1.99	2.00 AND OVER	TOTAL				
							EASTERN														
BALTIMORE WSO AP MD	5	1.0	8.0	34	E	04	71	75	59	62	6	3	5	5	0	0	19	43	6.9		
WILMINGTON WSO AP DEL	9	1.3	9.8	29++	16	13	76	77	58	65	7	1	8	2	2	0	20	-	7.2		

I CERTIFY THAT THIS IS AN OFFICIAL PUBLICATION OF THE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION AND IS COMPILED FROM RECORDS ON FILE AT THE NATIONAL CLIMATIC CENTER, ASHEVILLE, NORTH CAROLINA 28801.

*Daniel B. Mitchell*

DIRECTOR  
NATIONAL CLIMATIC CENTER

**noaa**

NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION / ENVIRONMENTAL DATA SERVICE / NATIONAL CLIMATIC CENTER ASHEVILLE, N.C.

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

MARYLAND AND DELAWARE  
MAY  
1978

STATION	TEMPERATURE											PRECIPITATION										
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST DATE	LOWEST DATE	DEGREE DAYS	NO. OF DAYS				TOTAL	DEPARTURE FROM NORMAL	GREATEST DATE	SNOW - SLEET			NO. OF DAYS				
								MAX.	MIN.	WET	DRY				TOTAL	MAX. DEPTH ON GROUND	DATE	-10 OR MORE	-50 OR MORE	1-00 OR MORE		
																					OF	OF
MARYLAND																						
SOUTHERN EASTERN SHORE 01																						
ASSATEQUE STATE PARK	65.2	49.3	57.3		85 21	37 2	245	0	0	0	0	6.88	1.50	25	.0	0	9	5	3			
CRISFIELD SOMERS COVE	71.6M	53.2M	62.4M		88 21	36 2	130	0	0	0	0	4.61	1.16	9	.0	0	8	4	2			
POCOMOKE CITY	72.3	52.6M	62.5M		89 21	33 2	121	0	0	0	0	4.70	1.68	9	.0	0	10	3	1			
PRINCESS ANNE	72.3	50.5	61.4	- 3.9	88 22+	36 2	142	0	0	0	0	6.40	1.67	9	.0	0	9	5	2			
SALISBURY	72.7	54.8	63.8		87 20	39 1	109	0	0	0	0	6.96	1.81	9	.0	0	8	5	3			
SALISBURY FAA AP	69.8	51.9	60.9	- 2.9	87 20	35 2	158	0	0	0	0	5.48	1.32	5	.0	0	8	4	2			
SNOW HILL 4 N																						
DIVISION			61.4	- 3.0								5.84	2.64		.0							
CENTRAL EASTERN SHORE 02																						
CAMBRIDGE WTR TRMT PL	73.0	53.8	63.4		85 22+	43 2	108	0	0	0	0	5.40	1.82	.91	5	.0	0	10	5	0		
DENTON 1 S	73.5	51.2	62.4	- 2.5	85 21	36 2	125	0	0	0	0	5.60	1.65	24	.0	0	10	5	1			
ROYAL OAK	71.4	54.3	62.9		84 21+	39 1	126	0	0	0	0	6.90	1.45	24	.0	0	9	6	3			
VIENNA	73.4	51.9	62.7		87 31+	35 2	120	0	0	0	0	5.48	1.65	14	.0	0						
DIVISION			62.9	- 2.0								5.85	2.26		.0							
LOWER SOUTHERN 03																						
LA PLATA 1 W	73.1	51.3	62.2	- 2.5	86 20	35 1	136	0	0	0	0	6.29	2.84	1.63	4	.0	0	11	4	2		
MECHANICSVILLE 1 SE	73.5M	50.6M	62.1M		85 21	35 2	140	0	0	0	0	6.86	1.39	16	.0	0	12	6	2			
OWINGS FERRY LANDING	73.2	52.3	62.8	- 2.1	88 20	34 2	136	0	0	0	0	6.55	4.85	2.80	15	.0	0	10	4	3		
PATUXENT RIVER	69.9	54.5	62.2		86 20	40 2	138	0	0	0	0	5.28	1.80	4	.0	0	9	3	1			
SOLOMONS	70.4	55.1	62.8	- 3.3	87 20	42 2	134	0	0	0	0	5.45	2.05	1.97	4	.0	0	8	3	2		
DIVISION			62.4	- 2.6								6.49	3.03		.0							
UPPER SOUTHERN 04																						
ANNAPOLIS POLICE BRKS	74.6M	53.5	64.1M	-.2	86 21	38 3+	97	0	0	0	0	6.39	2.87	1.37	4	.0	0	9	6	3		
BALTIMORE WSO AP	71.7	53.0	62.4	- 1.3	88 20	36 2	141	0	0	0	0	5.49	1.88	.97	15	.0	0	10	5	0		
BELTSVILLE	72.1M	50.2M	61.2M		88 21	35 2+	159	0	0	0	0	7.36	1.64	16	.0	0	9	5	4			
BELTSVILLE PLANT STA 5	72.5	52.2	62.4		88 21	35 2	140	0	0	0	0	7.22	2.18	15	.0	0	7	5	3			
COLLEGE PARK	72.6	52.9	62.8	- 2.0	89 21	39 2+	138	0	0	0	0	7.70	3.82	2.09	15	.0	0	9	5	3		
DALECARLIA RESVR D C	74.9	53.2M	64.1M		89 20		106	0	0	0	0	5.63	1.34	15	.0	0	9	5	1			
GLENN DALE BELL STA	74.5	48.6	61.6	- 2.2	91 20	31 1	154	1	0	2	0	8.23	4.26	1.86	16	.0	0	11	7	3		
LAUREL 3 W	71.8	52.8	62.3		88 20	36 2	146	0	0	0	0	8.32	1.73	15	.0	0	10	6	2			
NATIONAL ARBORETUM D C	72.6	53.1	62.9		87 21	40 2	132	0	0	0	0	6.67	1.42	5	.0	0	9	5	2			
UPPER HARLBORO 3 NNW	71.9	50.7	61.3		88 21	35 1	158	0	0	0	0	8.13	2.00	15	.0	0	10	5	3			
DIVISION			62.5	- 1.5								7.11	3.40		.0							
NORTHERN EASTERN SHORE 05																						
CENTREVILLE	73.0	51.3	62.2		86 20	34 1	140	0	0	0	0	4.93	1.01	9	.0	0	8	6	1			
CHESTERTOWN	71.5	51.9	61.7	- 2.5	86 20	33 1	152	0	0	0	0	5.61	1.72	1.44	4	.0	0	10	4	2		
HILLINGTON	72.3	51.1	61.7	- 1.9	87 20	33 1	145	0	0	0	0	5.04	1.50	1.25	9	.0	0	8	5	1		
DIVISION			61.9	- 2.1								5.19	1.45		.0							
NORTHERN CENTRAL 06																						
ABERDEEN PHILLIPS FLD	72.2	51.6	61.9		87 21+	37 1	150	0	0	0	0	7.36	1.60	14	.0	0	11	5	3			
BALTIMORE WSO CI	73.5	57.9	65.7	-.6	93 20	42 2	98	1	0	0	0	4.55	.93	1.06	4	.0	0	9	4	1		
BENSON POLICE BARRACKS	74.5	51.5	63.0		88 26	33 1	134	0	0	0	0	7.28	1.93	15	.0	0	13	5	2			
BOYDS 2 NW	72.1	50.5	61.3		85 20	33 1	165	0	0	0	0	6.08	1.27	13	.0	0	10	6	2			
CATOCTIN MOUNTAIN PARK	68.2	49.2	58.7		82 26+	30 1	224	0	0	2	0	8.71	2.92	14	.0	0	13	4	3			
CLARKSVILLE 3 NNE	72.0	48.5	60.3		87 20	27 1	186	0	0	2	0	5.75	1.18	16	.0	0	9	6	2			
CONDWINGO DAM		51.6			85 20	29 1		0	0	1	0	5.48	1.39	.95	14	.0	0	11	4	0		
DAMASCUS 2 SW	70.7	50.5	60.6		86 20	32 2	182	0	0	1	0	7.76	1.69	15	.0	0	11	6	3			
EMMITSBURG 2 SE	72.2M	46.7M	59.5M		88 22	27 1	197	0	0	2	0	4.94	1.24	14	.0	0	9	5	1			
FREDRICK POLICE BRKS	73.6	52.7	63.2		86 31+	38 2	130	0	0	0	0	6.05	2.10	14	.0	0	10	4	2			
PARKTON 2 SW	68.0	48.6	58.3		85 20	28 1	234	0	0	1	0	4.83	1.01	14	.0	0	9	4	1			
ROCKVILLE 3 NE	74.5	49.5	62.0		88 20	33 2+	155	0	0	0	0	5.56	1.80	16	.0	0	9	5	2			
TOWSON	72.1	52.5	62.3		87 21+	36 1	151	0	0	0	0	7.19	3.36	1.20	15	.0	0	12	6	3		
UNIONVILLE	71.3	47.9	59.6	- 1.6	85 30+	26 1	198	0	0	2	0	5.26	1.40	1.88	14	.0	0	11	3	1		
WESTMINSTER 2 SSE	68.6	50.5	59.6	- 2.4	83 20	31 1	207	0	0	1	0	4.57	.88	1.26	14	.0	0	10	5	1		
WOODSTOCK	72.2	50.6	61.4	- 1.4	88 20	31 1	163	0	0	1	0	6.50	2.67	1.66	14	.0	0	11	5	1		
DIVISION			61.2	- 1.7								6.18	2.30		.0							

SEE REFERENCE NOTES FOLLOWING STATION INDEX





# DAILY PRECIPITATION

MARYLAND AND DELAWARE  
MAY 1978

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																																			
* * * SOUTHERN EASTERN SHORE 01																																			
ASSATEGOUE STATE PARK	8.88			.04	1.28	.35			.03	.80	1.32			.35	.35	.14				.70					.01	1.50									
CRISPFIELD BARNES COVE	4.81			.82	1.12	.23			.24	1.18				.02	.32	.15	.02									.65			.01						
PRINCESS ANNE	4.70			.23	.92	.18			.18	1.88	.02			.30	.10	.12										.21	.75								
SALISBURY	8.40			.87	1.23	.38			.08	1.87	.70			.26	.22	.12					.08					.92									
SALISBURY FAA AP	6.96			1.53	.21	.34			.78	1.81				.02	.60	T	.14				T				.02	1.46									
SNOW HILL 4 M	5.48			.43	1.32	.30			.05	1.24	.42			.86		.10					.02				.92										
* * * CENTRAL EASTERN SHORE 02																																			
CAMPBIDGE WTR TRMT PL	5.40			.00	.81	.37			.11	.86	.16			.74	.34	.78									.13	.08									
DENTON 1 S	5.80			.89	.72	.11			.17	.87	.24			.89	.19	.40					.07					1.65									
ROYAL BAK	6.60			1.37	.80	.20			.24	.89				.01	.78	.46	1.10	.02								1.48									
VIENNA	5.48			.92	.85	T			.55					1.65	T	1.08									.43										
* * * LOWER SOUTHERN 03																																			
LA PLATA 1 M	8.28			1.63	.13	.41			.27	.74				.14	.47	.70	1.46				.01				.15	.03									
MECHANICSVILLE 1 SE	8.88			1.11	.95	.60			.20	.60	.22			.12	.26	.81	1.39	.02							.42										
QUINNS FERRY LAHOING	8.55			1.60	.98	.38			.89	.12	.03			.30	.38	2.80	1.38	.05							.43										
PAUQUENT RIVER	9.28			1.80	.08	.32			.31	.88				.45	.23	.83	.37				T				.02	.18	.03								
SOLBONS	5.45			1.97					.46	.68	.29				1.38	.23	.29								.03	.12									
* * * UPPER SOUTHERN 04																																			
ANNAPOLIS POLICE BARS	8.38			1.37	.04	.01			.25	1.00	.14			.17	.88	.83	1.00	.03								.78									
BALTIMORE M80 AP	6.48			.93	.08	.05	T		.46	.72				.33	.87	.87	.78	.17	T					.10	.08										
BELTSVILLE	7.38			1.20					.10	.04	.97	.24			.12	.37	1.25	1.54	1.40	.01					.08	.04									
BELTSVILLE PLANT STA 5	7.22			1.10	.07				.05	.87	.20			.05	.47	2.18	1.10	.95							.09										
COLLEGE PARK	7.70			1.23	.10				.05	.97	.12			.07	.40	2.08	1.48	.71	T						.05	.44									
DALECARLIA RESVR D C	5.83			.80	.34	.02			.16	.70				.12	.85	1.34	.88	.03							.29										
GLENN DALE BELL STA	8.23			.80	.92	.11			.15	.77	.08			.10	.52	1.56	1.86	.03							1.25										
LAUREL 3 M	8.52			.95	.18	.88			.49	1.04				.88	.73	1.73	1.85	.31							.07	.40									
NATIONAL ARBRETUM D C	6.67			1.42	.02				.05	.78	.15			.08	.41	1.40	.79	.81	.05							.31	.30								
UPPER MARLBOR 3 NH	8.13			1.68	.08				.03	.03	.90	.24			.12	.40	2.00	1.41	.68	T	.08				.35	.15									
* * * NORTHERN EASTERN SHORE 05																																			
CENTREVILLE	4.93			.70	.75				.05	1.01	.03			.20	.85	.15	.26								.50	.83									
CHESTERTOWN	5.81			1.44	.14	.05			.44	1.28				.76	.37	.47									.10	.95									
HILLINGTON	5.04			.74	.80	.11			.07	1.28																.67									
* * * NORTHERN CENTRAL 06																																			
ABERDEEN PHILLIPS FLD	7.38			.28	1.02				.18	1.12	.84			.42	1.80	.40	.43	.08	.42							.58									
BALTIMORE M80 CI	4.58			1.05	.15	.05			.58	.65				.42	.81	.42	.35								.08	.17									
BENSON POLICE BARRACKS	7.28			.28	.84	.10			.16	.88	1.10			.12	.89	1.93	.32	.22	.42							.21									
BOYDS 2 NW	8.09			.51	.28	.18			.19	.72				1.27	1.21	.78	.91	.05	.28							.18									
BRIGHTON DAM	6.91			1.00	.20	.08			.30	.39				.82	.34	2.16	1.38	.05	.08						.10	.05									
CATACTIN MOUNTAIN PARK	8.71			.25	.47	.12			.16	.46				.84	2.82	1.32	1.75	.12	.12							.18									
CLARKSVILLE 3 NE	5.75			.57	.83	.05			.17	.82	.07			.28	1.02	.87	1.18	.03	.02							.11									
COMBINGO DAM	5.48			.77	.15	.10			.40	.93				.38	.95	.73	.19	.22	.08							.07									
DANSCUS 2 SW	7.78			.80	.18	.11			.31	.58				1.00	.80	1.69	1.68	.25	.02					.02	.08	.06									
EMMITTSBURG 2 SE	4.94			.23	.37	.14			.08	.56				.59	1.24	.66	.85	.05	.02							.15									
FREDRICK POLICE BARS	5.05			.18	.65	.05			.23	.38				.10	2.10	.88	1.08	.13	.05	.02						.12									
FREDRICK 3 E	8.88			.62	.62	.03			.05	.44	.16		.08	1.88	1.00	1.70	.88	.05							.14	.08									
FRANKTON 2 SW	4.83			.62	.14	.08			.34	.38				.88	1.01	.78	.28	.05	.07						.04	.18									
POTOMAC FILTER PLANT	4.84			.90	T	.12			.28	.78	.35			.10	.83	.78	.85	T							.13										
ROCKVILLE 3 NE	8.58			.83	.35	.14			.80	.05	.35			.16	.89	1.17	1.80	.05	.02							.04	.01								
TOWSON	7.19			.28	1.08	.80			.29	.12	.44			.13	1.10	1.20	.75	.03	.48							.50									
UNIONVILLE	5.28			.43	.18	.13			.33	.39				.11	1.88	.85	.88	.10	.01							.04	.15								
WESTMINSTER 2 SSE	4.57			.54	.54	.13			T	.51	.14			1.28	.86	.91	.11	.12								.15	.04								
WODSTOCK	8.50			.87	.22	.12			.18	.82				.25	1.88	.85	.90	.07	.02							.29									
* * * APPALACHIAN MOUNTAIN 07																																			
CUMBERLAND 2	5.38				.85	.10			.07	.31				T	1.85	.28	.80	.33	.10	.15							.27	.14							
EDGEWENT	6.59			1.01	.18				.02	.02	.81	.11		.01	1.51	.45	1.15	.87	.28	.05	T					.22	.28								
HAGERSTOWN	5.51			.15	.33	.08			.24	.38				.93	1.43	.87	.57	.32	.16							.04	.21								
HANCOCK FRUIT LAB	6.33				.85	.05			.12	.37	T			.01	2.00	.47	1.39	.37	.29	.01	.02					.19	.16								
* * * ALLEGHENY PLATEAU 08																																			
MCHEERY 2 NW	5.88				.04	.18			.08	.48	.24			.04	.83	.55	.40	.35	.80	.12	T					.37	.30								
MERRILL	5.83				1.12	.09			.13	.46	.10			.10	1.20	.40	.87	.33	.28	.20						.30	.17								
ORLAND 1 SE	5.94			.57	.82	.20			.01	.51	.18			.89	.13	.37	.70	.24	.12	.19						.13	.80	.07							
SAVAGE RIVER DAM	5.99			1.22	.11				T	.18	.54	.08		.06	.89	.40	.81	.37	.24	.10	T					.26	.24								

SEE REFERENCE NOTES FOLLOWING STATION INDEX



# DAILY TEMPERATURES

MARYLAND AND DELAWARE  
MAY 1978

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																																		
SOUTHERN EASTERN SHORE 01																																		
ASSATEAGUE STATE PARK	MAX MIN	72 43	61 37	65 39	60 42	51 40	51 43	57 40	52 41	64 49	71 52	69 48	62 50	63 52	60 50	60 52	58 49	60 48	68 52	66 52	82 57	85 54	72 54	68 52	70 58	77 56	67 56	62 51	63 48	60 53	70 54	75 56	65-2 49-3	
CRISFIELD SOMERS COVE	MAX MIN																																	
POCOMOKE CITY	MAX MIN	64 40	61 36	67 43	66 48	52 48	59 45	66 43	56 49	78 51	76 52	68 49	66 53	69 59	64 45	68 50	66 55	73 58	67 58	67 54	66 50	73 55	80 59	85 53	88 66	81 49	77 43	81 62	81 62	79 59	74 57	74 61	84 57	71-6 53-2
PRINCESS ANNE	MAX MIN	58 42	60 33	63 38	64 45	64 46	60 45	65 43	63 49	78 55	78 51	71 43	75 55	71 58	68 58	66 54	72 50	78 55	76 59	84 53	89 67	82 49	77 43	80 62	79 62	77 59	74 57	74 56	71 60	82 61	82 55	72-3 52-6		
SALISBURY	MAX MIN	61 41	61 36	65 40	61 44	53 45	57 43	67 41	59 46	78 53	79 50	72 49	75 53	73 59	67 45	67 54	64 50	66 55	77 58	67 53	67 54	75 55	79 59	88 63	88 58	80 50	80 61	80 58	75 55	73 55	74 53	82 53	82 50	72-3 50-5
SALISBURY FAR AP	MAX MIN	60 39	63 40	67 46	55 48	54 49	58 47	68 46	63 49	81 53	71 53	73 46	77 52	77 64	70 59	70 55	82 55	78 59	87 63	86 63	78 59	80 60	80 63	80 53	78 62	80 62	80 62	78 62	66 59	75 61	73 62	83 58	86 59	72-7 54-8
SNOW HILL 4 N	MAX MIN	58 43	60 35	64 41	63 45	52 46	53 45	62 41	54 49	75 53	73 54	70 45	68 50	68 59	67 56	67 55	62 53	67 52	67 53	79 58	77 56	84 55	77 58	87 56	84 63	82 50	75 46	76 62	77 58	77 55	69 55	76 59	84 56	69-8 51-9
CENTRAL EASTERN SHORE 02																																		
CAMBRIDGE MTR TRMT PL	MAX MIN	69 44	61 43	66 50	66 44	52 45	53 45	66 48	66 50	77 55	78 51	72 49	72 53	74 59	73 57	67 56	62 47	72 52	80 55	80 61	85 58	85 57	85 55	77 51	79 59	78 61	79 60	76 61	74 60	74 62	82 60	83 61	73-0 53-8	
DENTON 1 S	MAX MIN	69 39	65 36	68 40	65 43	55 44	57 44	68 45	60 48	80 53	77 48	72 46	78 49	75 61	69 56	63 54	68 48	72 50	80 52	83 48	84 50	85 52	80 56	82 55	75 59	80 61	78 60	75 59	75 62	73 58	83 60	83 58	73-5 51-2	
ROYAL OAK	MAX MIN	65 39	61 41	65 44	62 44	53 45	59 47	66 48	60 50	78 57	68 51	70 47	73 53	72 57	68 56	65 54	58 48	71 50	77 54	76 59	84 60	84 63	80 52	77 57	77 61	80 60	80 63	75 59	76 62	77 62	80 58	77 62	71-4 54-3	
VIENNA	MAX MIN	70 39	64 35	67 42	64 45	52 45	60 45	68 45	62 44	75 49	70 54	72 58	75 46	71 57	66 55	70 53	74 50	80 54	81 59	86 59	87 64	79 51	78 49	87 49	87 49	79 50	78 49	76 49	77 50	86 59	87 59	73-4 51-9		
LOWER SOUTHERN 03																																		
LA PLATA 1 W	MAX MIN	68 35	64 36	69 37	65 36	54 44	63 48	66 47	59 50	83 56	70 45	75 40	80 52	71 61	68 53	68 51	59 53	73 52	78 51	75 54	86 52	83 66	79 45	77 48	80 61	81 55	82 56	78 63	74 61	77 60	83 59	79 63	73-1 51-3	
MECHANICSVILLE 1 SE	MAX MIN	69 38	66 35	69 43	65 44	55 43	61 46	65 46	62 44	82 46	80 47	74 42	79 52	70 60	73 54	61 53	74 50	79 50	87 56	78 48	77 46	85 66	83 56	82 48	78 46	82 63	80 53	75 62	83 58	82 59	75 58	73-5 50-6		
OWINGS FERRY LANDING	MAX MIN	64 35	66 34	69 41	63 40	53 47	64 47	61 47	59 49	82 52	75 45	74 45	79 43	73 60	69 54	65 53	58 54	73 50	83 58	78 58	85 69	82 49	75 50	78 58	84 58	82 60	74 60	76 61	76 63	82 60	80 63	73-2 52-3		
PATUXENT RIVER	MAX MIN	57 44	60 38	66 40	53 44	55 48	56 46	62 48	60 49	83 56	69 50	67 51	72 54	67 57	64 51	67 54	60 51	71 54	81 58	86 62	84 64	71 58	72 58	83 61	80 59	77 61	70 62	72 61	74 62	79 62	76 58	69-9 54-5		
SOLOMONS	MAX MIN	60 44	63 42	67 45	62 45	53 45	57 47	64 50	58 50	72 50	68 52	66 48	71 56	65 61	62 56	66 55	59 55	72 53	80 55	77 60	87 60	85 65	74 57	72 55	82 62	82 60	80 63	70 63	74 62	76 64	81 64	76 64	70-4 55-1	
UPPER SOUTHERN 04																																		
ANNAPOLIS POLICE BRKS	MAX MIN	71 43	66 38	69 38	69 44	69 43	62 48	69 42	69 50	78 52	68 52	78 56	78 55	77 60	69 55	62 55	61 52	70 51	77 54	79 58	85 60	86 60	85 53	76 51	77 51	83 60	82 50	80 62	76 64	77 63	80 61	80 64	74-6 53-5	
BALTIMORE WSO AP	MAX MIN	59 37	68 36	69 42	55 45	50 47	65 47	67 47	59 52	83 58	69 50	74 43	75 50	70 56	66 56	61 55	68 54	76 52	78 56	88 60	84 56	75 47	77 50	72 60	83 59	82 64	74 64	78 64	75 62	83 59	81 61	81 62	71-7 53-0	
BELTSVILLE	MAX MIN	71 35	58 35	67 42	68 42	54 47	50 45	63 45	69 45	61 50	80 46	75 39	75 46	80 56	70 53	64 54	64 52	57 49	70 53	64 49	67 53	70 54	77 51	79 54	88 65	84 43	77 44	78 53	85 63	85 60	75 59	77 58	79 59	72-1 50-2
BELTSVILLE PLANT STA 5	MAX MIN	70 36	59 35	67 45	68 43	54 43	52 49	64 46	68 52	63 52	81 49	67 41	77 48	79 62	70 53	65 55	67 53	59 51	70 54	77 54	78 65	88 65	83 46	79 47	78 59	83 56	79 65	77 65	84 65	85 65	75 61	80 61	79 61	72-5 52-2
COLLEGE PARK	MAX MIN	70 39	58 39	66 45	68 44	54 43	51 47	64 48	68 52	62 52	83 52	69 42	75 49	81 62	70 53	64 54	66 53	72 51	79 56	79 69	89 51	84 56	78 46	80 47	80 59	76 60	85 65	84 64	85 59	75 64	79 64	78 62	74-8 52-9	
DALECARLIA RESVR D C	MAX MIN	69 41	66 40	68 42	66 44	52 43	63 49	68 48	64 54	82 54	75 50	75 42	80 40	78 59	68 52	60 54	71 53	78 52	88 52	88 66	80 66	78 66	81 54	78 66	88 66	81 46	78 48	88 60	85 66	85 66	79 64	85 61	86 65	74-9 53-2
GLENN DALE BELL STA	MAX MIN	70 31	66 32	67 39	67 40	50 43	64 47	68 42	63 49	83 52	75 45	75 37	80 44	78 60	61 52	65 53	59 51	72 50	78 47	91 50	89 52	85 40	76 43	75 56	83 64	84 52	82 63	78 60	78 59	85 56	84 57	84 57	74-5 48-6	
LAUREL 3 W	MAX MIN	57 38	65 36	66 43	42 40	62 40	67 47	68 47	57 50	83 56	69 52	75 46	79 51	67 52	60 51	68 52	57 51	69 52	74 52	82 52	77 56	88 60	82 62	77 50	78 54	71 57	82 62	85 54	85 57	74 60	78 65	84 65	71-8 52-8	
NATIONAL ARBORETUM D C	MAX MIN	71 41	59 40	67 45	67 46	54 43	53 46	64 47	67 52	62 51	82 47	70 52	75 49	79 58	71 52	65 54	57 53	72 52	87 55	79 47	85 49	87 59	83 57	78 49	87 59	78 59	85 66	85 66	74 63	79 60	84 63	83 53	72-6 53-1	
UPPER MARLBORO 3 NNN	MAX MIN	70 35	58 36	66 42	68 42	53 43	52 46	64 45	67 50	62 50	82 48	69 40	75 47	79 55	70 53	65 53	57 49	73 53	82 53	78 50	88 55	84 65	77 44	78 45	88 55	84 45	77 45	78 55	83 65	83 65	72 62	78 59	83 59	71-9 50-7
NORTHERN EASTERN SHORE 05																																		
CENTREVILLE	MAX MIN	57 34	65 39	67 39	62 42	50 42	61 45	67 44	63 48	80 53	79 50	72 43	76 50	74 60	69 55	61 54	58 50	73 50	79 56	77 60	86 56	84 68	82 45	80 47	77 54	81 59	80 56	72 62	80 62	85 60	83 57	82 59	73-0 51-3	
CHESTERTOWN	MAX MIN	57 33	66 39	67 40	55 42	50 43	59 45	69 46	59 49	83 58	67 46	72 51	77 51	73 59	67 55	72 53	78 53	82 53	77 55	88 59	82 59	74 65	77 47	82 52	87 54	75 47	79 59	86 66	84 66	81 61	87 65	71-5 51-9		

SEE REFERENCE NOTES FOLLOWING STATION INDEX

# DAILY TEMPERATURES

MARYLAND AND DELAWARE  
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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																																	
HILLINGTON	MAX MIN	65 33	65 39	63 39	64 42	52 41	55 45	74 44	64 49	79 52	67 50	72 43	78 49	72 56	72 57	59 54	57 51	75 52	77 51	78 51	87 52	84 68	78 45	74 48	74 55	78 59	82 55	75 61	77 61	77 62	84 58	83 61	72.3 51.1
NORTHERN CENTRAL 06																																	
ABERDEEN PHILLIPS FLD	MAX MIN	69 37	66 38	67 42	67 44	48 45	54 47	68 39	63 50	76 52	75 50	70 41	76 50	76 55	64 52	58 51	56 50	68 52	72 51	77 55	87 56	87 65	84 48	76 48	73 55	79 57	83 57	81 64	77 63	78 64	81 62	81 62	72.2 51.6
BALTIMORE WSO. CI	MAX MIN	61 44	70 42	71 50	60 44	51 47	63 50	67 52	60 52	80 60	70 59	76 54	78 60	72 57	66 57	60 56	58 54	68 56	77 58	82 62	93 64	88 66	79 58	81 62	70 60	86 64	88 70	76 68	82 66	78 67	84 66	85 70	73.5 57.9
BENSON POLICE BARRACKS	MAX MIN	69 33	68 38	70 41	69 45	48 42	58 45	71 43	69 49	79 50	78 49	75 48	76 51	75 48	70 50	62 51	56 50	64 50	72 51	81 51	87 49	86 52	84 48	77 48	74 55	83 59	88 60	87 64	81 66	81 67	84 66	86 70	74.5 51.6
BOYDS 2 NW.	MAX MIN	65 33	64 34	66 40	65 41	52 40	60 41	66 43	64 40	78 43	74 45	74 49	77 51	72 48	61 50	64 51	57 50	66 50	71 51	76 49	85 51	83 52	77 44	76 51	69 57	82 57	84 53	82 58	76 61	80 60	84 59	84 60	72.1 50.5
CATOCTIN MOUNTAIN PARK	MAX MIN	60 30	60 32	63 36	64 39	56 38	63 43	60 42	56 46	71 45	70 48	70 45	72 51	68 57	61 47	54 49	55 47	65 48	65 48	82 51	82 47	73 47	70 54	65 54	79 55	82 60	79 58	82 57	72 57	74 59	78 59	80 57	68.2 49.2
CLARKSVILLE 3 NNE.	MAX MIN	66 27	64 32	66 36	66 40	49 41	62 46	65 40	58 49	77 50	70 47	74 50	77 44	75 59	62 52	59 53	57 51	65 49	73 51	76 49	87 64	85 51	79 40	77 40	72 57	82 57	83 53	83 58	77 62	77 58	84 54	84 54	72.0 48.5
CONDWING DAM	MAX MIN	29 19	42 32	39 40	42 40	43 40	45 43	46 43	49 47	52 46	47 47	47 46	58 57	57 53	57 53	53 52	55 51	65 53	71 52	76 56	85 52	80 62	75 55	77 43	63 55	79 62	84 62	75 61	80 62	79 63	83 59	83 60	51.6
DAMASCUS 2 SW	MAX MIN	59 34	64 32	66 38	62 41	51 40	60 45	65 44	59 49	79 53	70 49	72 45	76 53	67 49	63 54	61 51	56 49	67 50	70 53	86 52	79 56	74 66	75 53	68 56	84 57	84 61	77 60	76 59	83 60	84 59	84 64	70.7 50.5	
EMMITSBURG 2 SE	MAX MIN	65 27	66 31	68 37	67 39	50 38	63 42	65 40	63 47	76 47	77 48	71 34	76 45	68 56	63 48	60 50	55 48	69 48	80 52	86 49	81 59	88 47	74 54	71 54	84 54	86 53	85 53	81 55	85 55	83 59	72.2 46.7		
FREDRICK POLICE BRKS	MAX MIN	67 39	66 38	67 44	69 45	52 41	64 48	65 44	63 50	76 51	77 55	74 43	78 53	78 61	65 50	62 54	61 52	60 52	70 53	79 52	86 58	84 65	80 49	77 49	73 58	86 60	86 57	85 61	78 61	83 62	85 62	86 67	73.6 52.7
PARKTON 2 SW	MAX MIN	54 28	64 35	65 37	53 40	46 40	57 43	64 43	54 51	77 47	66 42	71 39	73 44	65 52	60 51	55 49	63 50	68 52	80 51	85 49	80 52	75 48	85 54	80 48	74 50	76 56	80 57	83 55	73 59	76 55	82 54	80 59	68.0 48.6
ROCKVILLE 3 NE	MAX MIN	67 33	66 33	67 41	68 41	52 40	64 46	67 43	70 51	83 50	72 46	75 47	82 56	80 60	66 50	54 51	58 50	68 49	71 51	76 50	88 48	87 54	80 44	79 44	71 58	82 55	85 59	85 59	81 59	85 64	85 58	74.5 49.5	
TOWSON	MAX MIN	67 36	63 38	66 42	66 42	55 41	61 41	62 41	62 50	76 50	72 46	74 53	73 53	68 60	61 54	55 51	65 53	72 56	78 56	87 68	87 68	82 50	74 54	72 56	81 59	84 62	80 64	78 63	77 64	81 64	81 64	72.1 52.5	
UNIONVILLE	MAX MIN	56 26	65 32	66 34	66 41	51 41	61 47	65 37	63 50	73 53	73 46	77 47	73 50	62 50	69 52	55 51	69 50	80 52	85 51	83 50	78 49	85 57	83 49	77 57	66 57	85 49	83 55	77 58	84 55	80 55	83 59	71.3 47.9	
WESTMINSTER 2 SSE	MAX MIN	57 31	63 33	64 38	57 40	46 40	60 44	63 43	57 48	75 49	65 49	71 43	76 55	69 52	60 48	55 51	53 49	61 50	68 52	75 49	83 54	79 65	74 47	75 49	70 54	80 56	82 55	72 59	76 59	78 56	82 64	80 64	68.6 50.5
WOODSTOCK	MAX MIN	65 31	67 35	68 38	67 41	49 41	62 49	67 40	62 50	79 51	78 49	75 39	79 50	70 59	62 52	59 53	56 50	64 51	72 51	84 51	79 55	78 65	68 43	78 47	68 57	82 56	85 60	83 61	80 62	77 61	85 60	82 60	72.2 50.6
APPALACHIAN MOUNTAIN 07																																	
CUMBERLAND 2	MAX MIN	61 35	64 35	71 35	67 42	53 43	58 42	69 44	63 51	78 51	77 39	81 45	84 56	79 51	60 49	59 49	59 51	61 52	72 53	82 52	89 57	87 55	81 50	78 56	70 52	85 55	90 60	88 60	86 59	86 60	90 62	88 62	74.7 50.3
FROSTBURG 2	MAX MIN	56 27	47 26	55 29	61 32	44 36	48 37	50 38	60 39	49 45	68 46	57 41	72 40	76 54	60 45	52 43	51 43	51 46	54 48	80 48	64 49	74 49	80 54	68 43	72 42	66 51	66 57	81 57	77 57	76 55	81 56	81 57	63.5 45.1
HAGERSTOWN	MAX MIN	60 30	65 36	70 38	60 40	51 40	61 46	65 45	60 45	77 51	72 51	74 43	75 55	70 52	68 48	62 51	56 51	60 50	72 54	79 52	85 48	83 54	78 48	77 51	66 56	84 55	87 57	81 56	79 61	83 59	85 60	87 68	72.0 50.6
HANCOCK FRUIT LAB	MAX MIN	65 27	55 33	64 34	69 40	54 41	50 47	58 41	65 50	52 47	77 51	64 40	76 49	77 52	66 49	59 50	56 51	64 51	72 52	84 51	79 49	78 58	68 44	84 51	79 54	86 53	82 53	85 53	80 58	77 54	85 56	82 63	72.2 48.2
ALLEGHENY PLATEAU 08																																	
MCHENRY 2 NW	MAX MIN	55 23	46 26	53 29	59 34	42 34	55 38	46 37	60 40	59 44	67 43	53 40	74 46	75 54	62 43	48 40	48 40	53 45	51 47	60 47	73 52	80 56	65 41	75 45	67 57	63 55	75 58	83 60	78 56	79 55	82 54	80 60	63.4 45.0
OKLAND 1 SE	MAX MIN	55 20	55 19	60 24	56 33	55 34	67 34	58 32	56 44	67 47	73 43	75 27	49 47	66 44	51 43	50 40	53 45	53 41	63 49	74 44	78 41	77 55	73 44	69 41	67 55	76 51	80 44	76 44	77 54	79 47	78 50	77 60	65.6 41.6
SAVAGE RIVER DAM	MAX MIN	58 27	50 28	56 29	63 36	47 28	52 39	51 37	60 41	52 47	71 47	58 37	73 41	76 54	64 48	55 45	53 46	53 49	58 50	64 48	77 48	82 50	68 39	74 43	66 52	71 54	79 50	84 50	78 63	76 55	78 55	83 57	65.5 44.8

SEE REFERENCE NOTES FOLLOWING STATION INDEX



# DAILY TEMPERATURES

MARYLAND AND DELAWARE  
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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		
DELAWARE																																	
. . .																																	
NORTHERN 01																																	
MIDDLETOWN 1 MSW	MAX	66	64	67	67	48	52	65	62	78	77	70	76	71	71	68	57	68	75	74	86	83	82	80	75	78	78	78	75	75	81	84	72.0
	MIN	31	37	39	44	42	45	45	47	51	52	46	49	58	56	53	51	52	52	55	56	58	47	51	53	58	58	61	61	62	59	62	51.3
NEMARK UNIVERSITY FARM	MAX	64	64	67	67	47	53	66	67	78	72	71	73	70	69	68	56	66	73	75	88	86	81	78	75	79	80	80	77	78	83	86	72.2
	MIN	28	38	39	44	36	44	44	43	51	46	44	46	56	56	51	47	52	53	53	56	65	44	49	53	57	57	62	62	62	59	61	50.3
WILMINGTON WSO AP.	MAX	55	66	67	56	47	52	67	57	77	67	70	73	69	69	58	55	65	73	78	86	83	75	75	63	78	81	71	75	77	82	85	69.4
	MIN	30	36	41	42	43	44	44	45	54	47	44	50	57	54	52	51	52	53	54	58	56	45	51	54	57	58	63	63	63	59	63	51.1
WILMINGTON PORTER RESVR	MAX	54	64	66	56	47	51	65	56	74	65	71	73	68	68	54	54	66	70	76	86	81	75	75	63	77	78	68	76	77	83	85	68.5
	MIN	29	37	37	41	41	43	46	44	56	49	46	48	58	53	51	50	53	52	52	59	60	53	55	53	56	60	62	61	61	59	63	51.2
. . .																																	
SOUTHERN 02																																	
BRIDGEVILLE 1 NW	MAX	68	63	67	66	50	55	67	62	79	69	73	76	73	72	64	58	72	79	76	86	84	80	80	76	80	77	75	75	71	83	85	72.3
	MIN	41	35	39	44	43	45	44	48	54	52	44	45	60	57	54	52	50	52	58	57	67	49	49	57	58	57	59	58	59	60	60	51.8
DOVER	MAX	69	61	66	67	50	53	65	67	78	76	70	76	75	79	74	62	65	80	80	86	87	85	78	75	80	79	78	73	78	81	85	73.5
	MIN	34	38	40	44	43	45	44	48	50	51	48	49	61	57	54	51	51	51	57	59	64	50	53	54	59	59	58	56	60	61	63	52.0
GEDRGETOWN 5 SW	MAX	69	57	62	64	52	50	57	64	66	78	68	71	75	73	67	66	57	72	78	76	86	84	78	78	76	77	74	64	71	70	81	69.7
	MIN	42	36	37	43	44	44	42	48	49	50	42	49	60	56	54	52	50	50	57	56	66	47	45	58	58	55	57	56	57	60	56	50.8
LEWES 1 SW	MAX	59	61	66	55	49	52	62	58	78	68	67	69	69	67	62	55	64	80	73	88	80	80	76	74	74	70	55	56	77	84	68.5	
	MIN	42	34	45	45	45	43	42	48	47	49	46	50	47	45	50	50	53	60	56	58	60	57	50	59	59	57	55	55	56	57	58	50.9
MILFORD 2 MSW	MAX	66	65	66	65	50	56	65	63	79	78	72	77	73	69	68	59	72	80	80	87	86	84	81	78	79	76	76	73	71	82	85	72.9
	MIN	43	34	40	44	45	44	43	48	53	51	43	50	60	56	52	51	53	52	57	57	67	48	48	57	59	56	59	59	59	60	60	51.9

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EVAPORATION AND WIND

MARYLAND AND DELAWARE  
MAY 1978

STATION	DAY OF MONTH																															TOTAL OR 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				
MARYLAND																																			
UPPER SOUTHERN 04																																			
BELTSVILLE	EVAP	-	-	-	-31	-	-	-	-	-	-	-	-30	-11	-	-	-	-	-	-32	-27	-	-40	-25	-13	-08	-26	-26	-10	-19	-11	-19	-		
	WIND	-	-	-	37	64	-	-	77	44	32	-	47	56	65	29	53	10	21	13	11	11	15	16	29	15	17	33	40	25	21	15	8818		
	MAX	-	-	-	80	52	-	-	78	59	86	-	87	83	84	84	65	60	78	83	93	95	95	90	77	81	95	95	95	95	95	98	83.3		
	MIN	-	-	-	47	46	-	-	46	55	58	-	52	58	57	57	55	55	56	59	64	64	58	57	57	62	64	64	65	64	65	65	58.0		
UPPER MARLBORO 3 MNW	EVAP	-21	-23	-21	-21	-08	-05	-06	-10	-00	-21	-16	-22	-20	-12	-	-	-05	-12	-14	-23	-26	-31	-22	-15	-10	-28	-23	-08	-12	-12	-19	4.998		
	WIND	31	55	48	38	68	20	18	23	37	37	35	13	59	57	24	44	21	24	14	28	30	39	14	14	22	32	41	35	20	23	111	1075		
	MAX	74	70	75	78	49	52	64	72	56	65	72	83	81	71	67	67	57	77	81	86	92	89	88	83	78	88	92	75	82	84	94	76.3		
	MIN	42	39	38	44	44	45	48	50	58	55	49	49	55	55	55	55	52	53	58	61	61	56	56	56	61	61	63	63	64	64	65	54.0		
ALLEGHENY PLATEAU 08																																			
SAVAGE RIVER DAM	EVAP	-	-11	-37	-16	-06	-	-10	-	-	-24	-14	-25	-19	-	-	-06	-12	-06	-09	-33	-14	-22	-21	-02	-08	-24	-22	-24	-24	-15	-16	5.018		
	WIND	-	98	119	73	97	46	50	82	67	102	90	35	48	66	43	31	26	41	35	45	47	77	21	21	23	-	74	36	38	30	23	16388		
	MAX	-	61	65	71	43	51	50	65	51	72	61	75	75	60	56	53	52	62	65	85	84	78	82	76	69	86	89	89	86	87	89	69.6		
	MIN	-	37	37	37	39	39	41	42	48	51	42	42	56	45	46	46	49	49	52	54	56	45	41	54	57	56	54	55	60	60	60	46.3		

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# EVAPORATION AND WIND

MARYLAND AND DELAWARE  
MAY  
1978

STATION	DAY OF MONTH																															TOTAL OR 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		
DELAWARE																																	
" " " "																																	
NORTHERN 01																																	
NEWARK UNIVERSITY FARM	EVAP	-.25	-.27	-.23	-.17	-.06	.00	-.02	-.06	-	-.17	-.20	-.13	-.13	-.06	-	-.02	-.08	-.12	="	-.53	-.26	-.19	-.10	-.07	-.20	-.22	-.04	-.16	-.10	-.20	-4.508	
	WIND	66	83	49	48	83	8	12	36	23	47	32	16	40	72	84	97	11	19	26	38	44	29	13	22	50	33	55	44	31	15	18	1244
	MAX	70	70	75	74	51	49	66	68	75	75	81	79	79	68	68	55	67	72	83	91	91	84	85	80	80	85	86	81	81	91	91	75.8
	MIN	41	38	46	48	42	44	47	49	50	53	47	56	57	56	54	50	52	56	59	59	68	53	57	56	58	52	63	62	66	65	69	53.9
" " " "																																	
SOUTHERN 02																																	
GEORGETOWN S SW	EVAP	-.14	-.20	-.20	-.27	-.21	-.02	-.07	-.08	-.14	-.26	-.22	-.25	-.31	-.17	-.09	-.11	="	-.20	-.27	-.26	-.32	-.32	-.24	-.31	-.30	-.17	-.19	-.03	-.08	-.08	-.22	5.75
	WIND	53	81	69	83	136	48	22	38	130	98	58	65	131	137	45	62	48	66	67	75	129	87	39	76	82	57	123	69	53	20	29	2296

SEE REFERENCE NOTES FOLLOWING STATION INDEX

# STATION INDEX

MARYLAND AND DELAWARE  
MAY 1978

STATION	INDEX NO.	DIVISION	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
MARYLAND												
ABERDEEN PHILLIPS FLD	0015	06	HARFORD	1	39 28	76 10	57	5P	5P		H	ROSS AVIATION INC
ANNAPOLIS POLICE BRKS	0193	04	ANNE ARUNDEL	1	38 59	76 30	25	5P	5P		H	ANNAPOLIS POLICE BRKS
ASSATEAGUE STATE PARK	0335	01	WORCESTER	2	38 14	75 08	7	5P	5P		H	ASSATEAGUE STATE PARK
BALTIMORE WSO AP	0465	04	ANNE ARUNDEL	3	39 11	76 40	196	MID	MID		C	NATL WEATHER SERVICE
BALTIMORE WSO CI	0470	06	BALTO CITY	3	39 17	76 37	91	MID	MID		C	OCMI COMMANDING OFFICER
BELTSVILLE	0700	04	PRN GEORGES	5	39 02	76 53	120	8A	8A		8A	U S DEPT OF AGRICULTURE
BELTSVILLE PLANT STA 5	0705	04	PRN GEORGES	5	39 01	76 57	100	9A	9A		C	U S DEPT OF AGRICULTURE
BENSON POLICE BARRACKS	0732	06	HARFORD	1	39 30	76 23	365	5P	5P			MARYLAND STATE POLICE
BOYDS 2 NW	1032	06	MONTGOMERY	5	39 13	77 20	580	6P	6P			HUNTER F STALEY
BRIGHTON DAM	1125	06	MONTGOMERY	4	39 12	77 01	330		MID			WASH SUB SANY COMM
CAMBRIDGE WTR TRMT PL	1385	02	DORCHESTER	1	38 34	76 04	5	6P	6P		H	WASTEWATER TRMT PLANT
CATOCTIN MOUNTAIN PARK	1530	06	FREDERICK	5	39 39	77 29	1610	4P	4P		C	CATOCTIN MOUNTAIN PARK
CENTREVILLE	1627	05	QUEEN ANNES	1	39 03	76 03	46	6P	6P		H	MARION C LEIRY
CHESTERTOWN	1750	05	KENT	1	39 13	76 04	40	11P	11P		H	T W ELIASON JR
CLARKSVILLE 3 NNE	1862	06	HOWARD	4	39 15	76 56	365	5P	5P			UNIVERSITY OF MARYLAND
COLLEGE PARK	1995	04	PRN GEORGES	5	38 59	76 57	90	9A	9A		C	UNIVERSITY OF MARYLAND
CONOWINGO DAM	2060	06	HARFORD	6	39 39	76 10	40	MID	MID		H	SUSQUEHANNA ELECTRIC CO
CRISFIELD SOMERS COVE	2215	01	SOMERSET	1	37 59	75 52	8	5P	5P			SOMERS COVE MARINA
CUMBERLAND 2	2282	07	ALLEGANY	5	39 38	78 45	700	6P	7A		H	TIMOTHY B THOMAS
DAMASCUS 2 SW	2335	06	MONTGOMERY	5	39 16	77 14	720	7P	7P		H	RICHARD W SCHWERDT
DENTON 1 S	2523	02	CAROLINE	1	38 53	75 50	20	6P	6P		H	EMORY DOBSON
EDGEMONT	2770	07	WASHINGTON	5	39 40	77 33	905		7A			JOHN W HARNE
EMMITSBURG 2 SE	2906	06	FREDERICK	5	39 41	77 18	416	5P	5P		H	MRS LUCILLE K BEALE
FEDERALSBURG	3090	02	CAROLINE	1	38 41	75 46	20				C	SEWAGE TREATMENT PLANT
FREDRICK POLICE BRKS	3348	06	FREDERICK	5	39 25	77 26	380	5P	5P		H	MARYLAND STATE POLICE
FREDERICK 3 E	3355	06	FREDERICK	5	39 24	77 22	385		7A			MISS I MARY STALEY
FROSTBURG 2	3415	07	ALLEGANY	5	39 40	78 56	2170	7A	7A		H	LEE K CLOSE
GLENN DALE BELL STA	3675	04	PRN GEORGES	4	38 58	76 48	150	4P	4P		H	USDA PLT INTRODUCT STA
HAGERSTOWN	3975	07	WASHINGTON	5	39 39	77 44	660	6P	6P			HAGERSTOWN RESERVOIR
HANCOCK FRUIT LAB	4030	07	WASHINGTON	5	39 42	78 11	428	8A	8A		C	U OF MD FRUIT LAB
LA PLATA 1 W	5080	03	CHARLES	5	38 32	77 00	140	6P	6P		H	C RUSSELL LEVERING
LAUREL 3 W	5111	04	PRN GEORGES	4	39 06	76 54	400	MID	MID			WASH SUB SANY COMM
MCHENRY 2 NW	5832	08	GARRETT	7	39 35	79 22	2680	8A	8A		C	JOSEPH F JOHENNING
MECHANICSVILLE 1 SE	5865	03	ST MARYS	4	38 26	76 43	160	5P	5P			MRS EDITH R BENNETT
MERRILL	5894	08	GARRETT	5	39 36	79 05	1790		9A			DELWOOD E MERRILL
MILLINGTON	5385	05	KENT	1	39 16	75 51	30	6P	6P		H	LOUIS H HOLLETT
NEW GERMANY 2	6410	08	GARRETT	5	39 37	79 08	2480				C	LESTER BITTINGER
OAKLAND 1 SE	6620	08	GARRETT	7	39 24	79 24	2420	5P	5P		H	LOGAN WEBER
OWINGS FERRY LANDING	6770	03	CALVERT	4	38 41	76 40	160	5P	5P		H	JAMES E BOURNE JR
PARKTON 2 SW	6844	06	BALTIMORE	1	39 38	76 42	600	11P	11P		C	JOHN R FOX
PATUXFNT RIVER	6915	03	ST MARYS	4	38 20	76 25	38	MID	MID		C	NAVAL WEATHER SERVICE
PERRY POINT	6980	06	CECIL	1	39 33	76 04	40				C	VETERANS ADMINISTRATION
POCOMOKE CITY	7140	01	WORCESTER	1	38 04	75 33	20	5P	5P		H	ROBERT R WESTFALL
POTOMAC FILTER PLANT	7272	06	MONTGOMERY	5	39 02	77 15	270		MID			WASH SANITARY COMM
PRINCESS ANNE	7330	01	SOMERSET	1	38 13	75 41	20	5P	5P		H	MARYLAND ST COLLEGE FRM
ROCKVILLE 3'NE	7705	06	MONTGOMERY	5	39 07	77 06	400	4P	4P		H	MD NATL CAPITAL PARK
ROYAL OAK	7806	02	TALBOT	1	38 43	76 11	10	6P	6P		H	J L SWAINE JR
SALISBURY	8000	01	WICOMICO	1	38 22	75 35	10	5P	5P			CITY OF SALISBURY
SALISBURY FAA AP	8005	01	WICOMICO	1	38 20	75 31	48	MID	MID		H	FAA
SAVAGE RIVER DAM	8065	08	GARRETT	5	39 31	79 08	1495	8A	8A		8A	U S CORPS OF ENGINEERS
SINES DEEP CREEK	8315	08	GARRETT	7	39 32	79 25	2040				C	PA ELECTRIC COMPANY
SNOW HILL 4 N	8380	01	WORCESTER	1	38 14	75 23	28	6P	6P		H	CURTIS E SHOCKLEY
SOLOMONS	8405	03	CALVERT	1	38 19	76 27	12	4P	4P			CHESAPEAKE BIOL LAB
TOWSON	8877	06	BALTIMORE	3	39 23	76 34	390	6P	6P			BENDIX FRIEZ
UNIONVILLE	9030	06	FREDERICK	5	39 27	77 11	430	6P	6P		C	GEORGE P VON EIFF JR
UPPER MARLBORO 3 NNW	9070	04	PRN GEORGES	4	38 52	76 47	98	8A	8A		8A	TOBACCO EXP FARM
VIENNA	9140	02	DORCHESTER	1	38 29	75 50	12	6P	6P		H	DELMARVA POWER & LIGHT
WESTMINSTER 2 SSE	9435	06	CARROLL	1	39 33	76 59	860	7P	7A		H	LARRY A MYERS
WOODSTOCK	9750	06	BALTIMORE	3	39 20	76 52	460	6P	6P		H	JOHN A HILTZ

SEE REFERENCE NOTES FOLLOWING STATION INDEX

# STATION INDEX

MARYLAND AND DELAWARE  
MAY 1978

STATION	INDEX NO.	DIVISION	COUNTY	DRAINAGE I	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER	
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)		
DISTRICT OF COLUMBIA													
DALECARLIA RESVR D C	2325	04		5	38 56	77 07	146	5P	5P			U S CORPS OF ENGINEERS U S NATL ARBORETUM	
NATIONAL ARBORETUM D C	6350	04		5	38 54	76 59	50	8A	8A		H		
DELAWARE													
BRIDGEVILLE 1 NW	1330	02	SUSSEX	1	38 45	75 37	50	5P	5P			H	WILLIAM M RAY
DOVER	2730	02	KENT	2	39 09	75 31	30	5P	5P			H	STATE DIV OF HIGHWAYS
GEORGETOWN 5 SW	3570	02	SUSSEX	1	38 38	75 27	45	8A	8A	8AC		H	UNIV OF DEL SUBSTATION
LEWES 1 SW	5320	02	SUSSEX	2	38 46	75 09	20	6P	MID			H	FREDERICK O VOGL
MIDDLETOWN 1 WSW	5852	01	NEW CASTLE	2	39 26	75 45	60	4P	4P			H	PIONEER HIBRED CORN CO
MILFORD 2 WSW	5915	02	SUSSEX	2	38 54	75 28	30	5P	5P			H	MRS BERNARD FRANKEL
NEWARK UNIVERSITY FARM	6410	01	NEW CASTLE	2	39 40	75 44	90	5P	5P	5P		H	UNIV OF DELAWARE
WILMINGTON WSO AP	9595	01	NEW CASTLE	2	39 40	75 36	79	MID	MID		C	HJ	NATL WEATHER SERVICE
WILMGTON PORTER RESVR	9605	01	NEW CASTLE	2	39 46	75 32	274	MID	MID			H	WATER DEPARTMENT

SEE REFERENCE NOTES FOLLOWING STATION INDEX

Additional information regarding the climate of these States may be obtained by writing to the National Climatic Center, Federal Building, Asheville, N.C. 28801, or to any Weather Service Office near you. Additional precipitation data are contained in the "HOURLY PRECIPITATION DATA" for these States.

**DIMENSIONAL UNITS:** 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. In "Supplemental Data" table directions entered in figures are tens of degrees. Resultant wind is the vector sum of wind directions and speeds divided by the number of observations.

**OBSERVATION TIME:** The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time. Snow on the ground in the "Snowfall and Snow on Ground" table is at observation time for all except Weather Service Offices and FAA stations. For these stations snow on ground values are at 7:00 a.m., e.s.t. Data in the "Extremes" table, "Daily Precipitation" table, "Daily Temperature" table, "Evaporation and Wind" table, and snowfall in the "Snowfall and Snow on Ground" table, when published, are for the 24 hours ending at time of observation.

**EVAPORATION** is measured in the standard Weather Service-type pan of 4-foot diameter unless otherwise noted below in the Evaporation and Wind table. Max and Min values in the Evaporation and Wind table are extremes of temperature of water in pan as recorded during 24 hours ending at time of observation. Wind is the total wind movement in miles over the evaporation pan as determined by a continuous anemometer recorder located 6-8 inches above the pan.

**WATER EQUIVALENT** values published in the "Snowfall and Snow on Ground" table 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 may result in apparent inconsistencies in the record. Time of observation 1:00 p.m., e.s.t.

**SNOWFALL:** Entries of snowfall in the "Monthly Summarized Data" table, the "Snowfall and Snow on Ground" table, and in the "Seasonal Snowfall" table, include snow and sleet. Entries of snow on ground include snow, sleet, and ice.

**NORMALS** for all stations are climatological standard normals based on the period 1941-1970.

**DIVISIONS,** as used in this publication, became effective with data for October 1956.

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

**SEASONAL TABLES:** Monthly and seasonal snowfall and heating degree days for the 12 months ending with the preceding June data will be carried in the July issue of this bulletin.

**LATE REPORTS AND CORRECTIONS** will be carried only in the June and December issues of this bulletin.

**INTERPOLATED VALUES** for monthly precipitation totals may be found in the annual issue of this publication.

**IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:**

- No record in the "Supplemental Data" table, "Daily Precipitation" table, "Evaporation and Wind" table, "Snowfall and Snow on Ground" table, and the Station Index.
- No record in the "Monthly Summarized Data" table and the "Daily Temperature" table is indicated by no entry.
- + And also on an earlier date or dates.
- ++ Highest observed one minute windspeed. This station is not equipped with an instrument to measure fastest mile data.
- \* Amount included in following measurement, time distribution unknown.
- // Gage is equipped with a windshield.
- ‡ Extreme occurred at station with incomplete data which may have been exceeded.
- B Adjusted to a full month.
- D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
- M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" table 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.)
- T Trace, an amount too small to measure.
- V Includes total for previous month.

**IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:**

- AR This entry in time of observation column in Station Index means after rain.
- C Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in the "Hourly Precipitation Data" bulletin. If daily amounts are published in "Climatological Data" bulletin they are from a separate non-recording gage, except where indicated by reference 'R'. Such amounts may differ from amounts published from the recording gage in the "Hourly Precipitation Data" bulletin.
- G "Soil Temperature" table.
- H "Snowfall and Snow on Ground" table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.
- J "Supplemental Data" table.
- SS This entry in time of observation column in Station Index means observation made near sunset.
- VAR This entry in time of observation column in Station Index means variable.
- # Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, this reference indicates that the thermometers are exposed in a shelter located on the roof of a building.
- ‡ DRAINAGE CODE: 1-CHESAPEAKE 2-COASTAL 3-PATAPECO 4-PATUXENT 5-POTOMAC 6-SUSQUEHANNA 7-YOUGHIOGHENY

Stations appearing in the tables with no data were either missing or received too late to be included in this issue.

General weather conditions in the U.S. for each month are described in the CLIMATOLOGICAL DATA NATIONAL SUMMARY and STORM DATA.

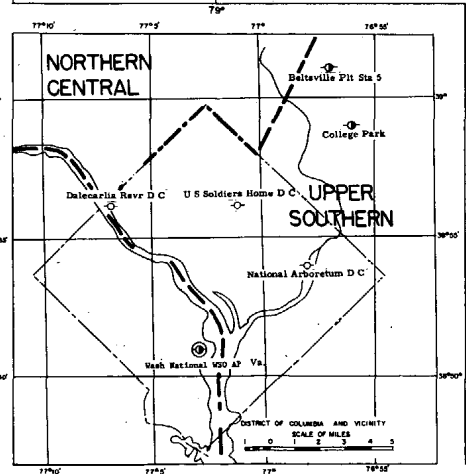
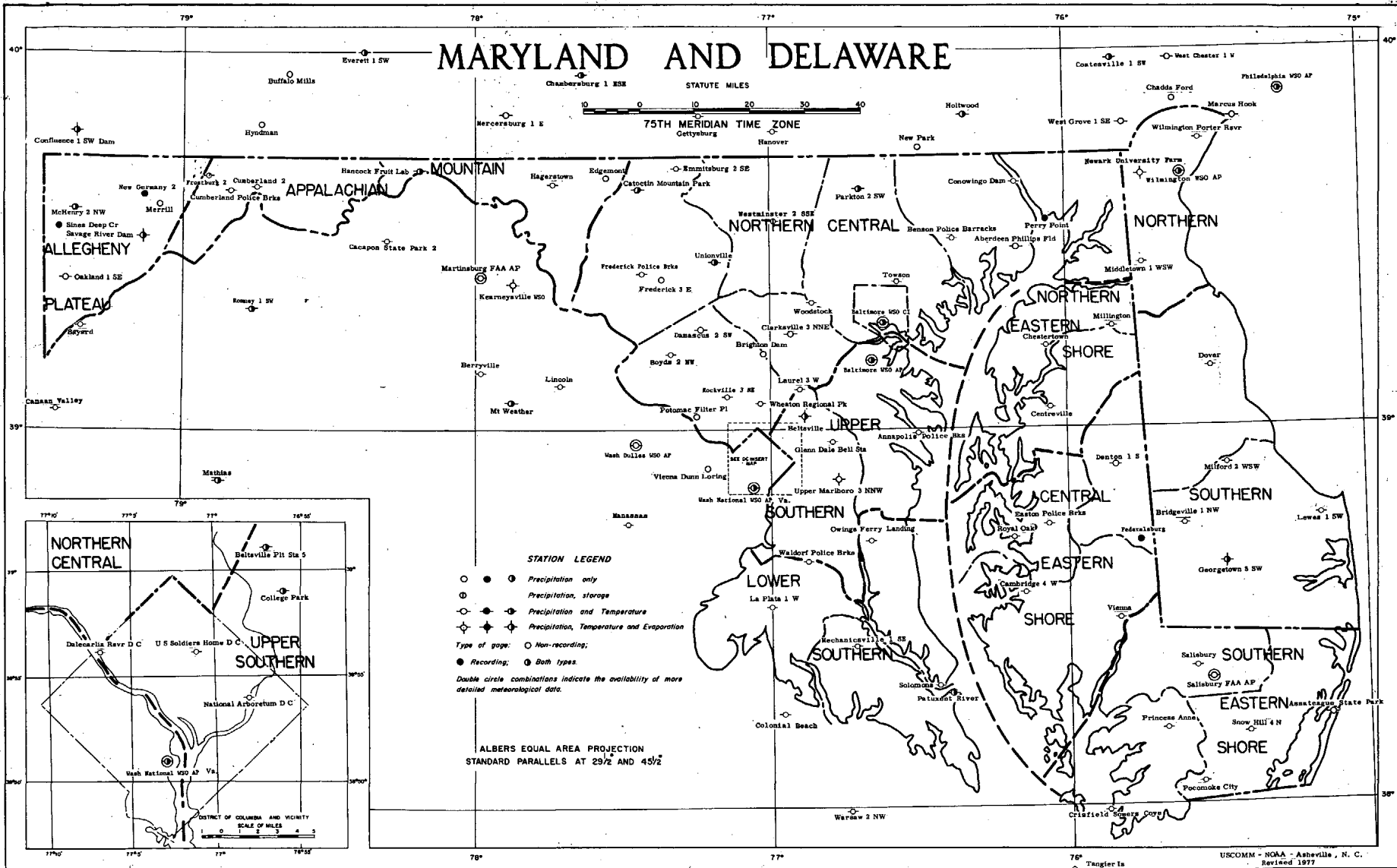
Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this State, price 25 cents. Similar information for regular National Weather Service Offices may be found in the latest annual issue of Local Climatological Data, price 15 cents. These publications may be obtained from the National Climatic Center at the address shown above.

Subscription Price: \$5.10 a year for each section including annual summary; \$5.55 additional for foreign mailing; 40¢ single copy; 30¢ annual summary. Make checks payable to Department of Commerce, NOAA; send payments and orders to: National Climatic Center, Federal Building, Asheville, N. C. 28801. Attn: Publications.

# MARYLAND AND DELAWARE



75TH MERIDIAN TIME ZONE  
Gettysburg Hanover



- STATION LEGEND**
- ● ● Precipitation only
  - ○ ○ Precipitation, storage
  - ● ● Precipitation and Temperature
  - ● ● Precipitation, Temperature and Evaporation
- Type of gage: ○ Non-recording; ● Recording; ○ ● Both types.
- Double circle combinations indicate the availability of more detailed meteorological data.

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NATIONAL CLIMATIC CENTER  
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