

APRIL 1980

VOLUME 84

NUMBER 4

Climatological Data



MARYLAND AND DELAWARE

TEMPERATURE AND PRECIPITATION EXTREMES

HIGHEST TEMPERATURE:	3 STATIONS		82	DATE 22+
LOWEST TEMPERATURE:	MC HENRY 2 NW	MD.	18	DATE 17
GREATEST TOTAL PRECIPITATION:	PRINCESS ANNE	MD.	8.06	
LEAST TOTAL PRECIPITATION:	OWINGS FERRY LANDING	MD.	3.20	
GREATEST 1 DAY PRECIPITATION:	PRINCESS ANNE	MD.	3.05	DATE 28
GREATEST TOTAL SNOWFALL:	OAKLAND 1 SE	MD.	5.0	
GREATEST DEPTH OF SNOW OR ICE:	MC HENRY 2 NW	MD.	2	DATE 16

SUPPLEMENTAL DATA

	WIND (SPEED - M.P.H.)						RELATIVE HUMIDITY AVERAGES- PERCENT				NUMBER OF DAYS WITH PRECIPITATION								PERCENT OF POSSIBLE SUNSHINE AVERAGE (TENTHS)	SKY COVER AVERAGE (TENTHS)	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														
							01	07	13	19											
BALTIMORE WSO AP MD	32	1.4	9.5	33	NW	04	67	73	48	54	5	4	5	2	1	0	17	58	5.8		
WILMINGTON WSO AP DEL	32	1.2	10.5	28++	32	05	64	65	45	51	6	4	3	3	1	0	17	-	6.2		

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 AND INFORMATION SERVICE / NATIONAL CLIMATIC CENTER ASHEVILLE, N.C.

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

MARYLAND AND DELAWARE
APRIL 1980

STATION		TEMPERATURE												PRECIPITATION																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
		AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	HEATING DEGREE DAYS	COOLING DEGREE DAYS	NO. OF DAYS				TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	SNOW, SLEET			NO. OF DAYS																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
												32° OR ABOVE	32° OR BELOW	32° OR BELOW	32° OR BELOW					TOTAL	MAX. DEPTH ON GROUND	DATE	.10 OR MORE	.50 OR MORE	1.00 OR MORE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
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SEE REFERENCE NOTES FOLLOWING STATION INDEX

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

MARYLAND AND DELAWARE
APRIL 1980

STATION	TEMPERATURE														PRECIPITATION																		
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST DATE	LOWEST DATE	HEATING DEGREE DAYS	COOLING DEGREE DAYS	NO. OF DAYS					TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	SNOW, SLEET			NO. OF DAYS												
									DEGREE DAYS									TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	TOTAL	MAX. DEPTH ON GROUND	DATE	1.00 OR MORE	.50 OR MORE	.10 OR MORE						
									31° OR MORE	21° OR MORE	11° OR MORE	6° OR MORE	3° OR MORE															TOTAL	MAX. DEPTH ON GROUND	DATE	1.00 OR MORE	.50 OR MORE	.10 OR MORE
HANCOCK FRUIT LAB DIVISION * * * ALLEGHENY PLATEAU 08 MC HENRY 2 NW OAKLAND 1 SE SAVAGE RIVER DAM DIVISION	63.4 56.1 59.2 58.6 46.8	38.6 35.5 34.9 36.3 46.8	51.0 45.8 47.1 47.5 46.8	- 1.3 - .6 - .5	80 76 78 79	21 24 23 24	24 18 20 26	17 17 17 17	412 571 534 520	0 0 0 0	0 0 0 0	0 0 0 0	8 6 13 0	0 0 0 0	4.13 4.64 5.50 6.24 6.24 5.99	1.18 1.42 1.78 1.96 1.77 1.95	.77 1.78 2.20 1.77	1 9 9 9	.0 2.0 5.0 .0 2.3	0 2 1 0	16 16 16	11 9 9	5 4 5	1 1 1									

SEE REFERENCE NOTES FOLLOWING STATION INDEX

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

MARYLAND AND DELAWARE
APRIL 1980

STATION	TEMPERATURE													PRECIPITATION										
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST DATE	LOWEST DATE	HEATING DEGREE DAYS	COOLING DEGREE DAYS	NO. OF DAYS					TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY DATE	SNOW, SLEET			NO. OF DAYS				
									MAX.		MIN.						TOTAL	MAX. DEPTH ON GROUND	DATE	.10 OR MORE	.50 OR MORE	1.00 OR MORE		
									32° OR ABOVE	32° OR BELOW	27° OR BELOW	20° OR BELOW	10° OR BELOW											
DELAWARE																								
* * * NORTHERN 01																								
MIDDLETOWN 1 WSW	66.1	44.7	55.4		76	24+	29	17	279	0	0	0	1	0	4.68		.95	10	.0	0		10	5	0
NEWARK UNIVERSITY FARM	65.4	43.3	54.4	1.8	76	20+	28	17	311	0	0	0	2	0	4.25	.91	.90	29	.0	0		9	3	0
WILMINGTON WSO AP	64.7	44.5	54.6	2.3	76	12	27	17	307	0	0	0	1	0	4.55	1.35	1.07	28	.0	0		7	4	1
WILMGTN PORTER RESVR	63.1	45.7	54.4	2.6	74	25+	29	17	310	0	0	0	1	0	5.28	1.64	1.32	9	.0	0		6	2	2
DIVISION			54.7	2.2											4.69	1.34			.0					
* * * SOUTHERN 02																								
BRIDGEVILLE 1 NW	68.0	45.1	56.6	2.8	80	24	29	17	246	0	0	0	2	0	4.67	1.39	.80	9	.0	0		9	4	0
DOVER	67.3	45.0	56.2	1.7	75	25+	30	18+	259	1	0	0	3	0	4.34	1.15	.78	29	.0	0		12	3	0
GEORGETOWN 5 SW	65.7	44.2	55.0		79	25	30	17+	293	1	0	0	4	0	5.30		1.32	28	.0	0		11	5	1
LEWES 1 SW										0	0	0	0	0					.0	0				
MILFORD 2 WSW	68.3	44.8	56.6		77	25+	28	17	247	0	0	0	2	0	6.84		1.31	10	.0	0		12	5	2
DIVISION			56.1	2.2											5.29	2.03			.0					

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION

MARYLAND AND DELAWARE
APRIL 1980

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																																					
ASSATEAGUE STATE PARK	4.82	.03			1.28	.04				.29				.02	.45											.48	.05	.01	.63	1.22	.33						
CRISFIELD SOMERS COVE	5.02				.40					.46	.03				.30									.01	.07		.70	.03		2.40	.46	.16					
PRINCESS ANNE	8.06				1.24	.01				.68					.37											.81	.07	.10	3.05	.62	1.11						
SALISBURY	6.00				.37	.04				.86					.27											.71	.15	.05	2.60	.83	.12						
SALISBURY FAA AP	5.22				.48			T		.64			T	T	.02											T	.51		1.10	.01	.05						
SNOW HILL 4 N	5.60	T			1.40	T				.41	.01			T	.26		.02									T		.42	.05	.18	1.78	.47	.60				
CENTRAL EASTERN SHORE 02																																					
CAMBRIDGE WTR TRMT PL	3.30				.26	.15				.53	.58				.20	.11									.03		.24	.02	.18	.53	.29	.18					
DENTON 1 S	4.34				1.06					.95	.05				.23												.35	.11	.50	.63	.41	.05					
ROYAL OAK 2 SSW	5.88	.03			.51					.42	1.67				.38	.05										.04		.40	.10	.93	.54	.23	.18				
VIENNA	4.91	.02			.47					.80	.58				.40													.71	.08	.08	1.00	.67	.10				
LOWER SOUTHERN 03																																					
LA PLATA 1 W	3.92	T			.68				T	.55	.20	T		.01	.34	T										.02	.16	.06	.12	.06	1.56	.01	.15				
MECHANISVILLE 1 SE	3.43	.05			.15					.45	.21				.26	.30												.47	.03	.46	.65	.20	.20				
OWINGS FERRY LANDING	3.20			.48	.15					.13	T				T	T												T		2.15	.23	.06					
PATUXENT RIVER	3.40	T			.06			.02	T	.86				T	.53	T													.02	.50	.34	.26	.13				
SOLOMONS	3.35	.04			.29	.19				.01	.62	.37			.07	.35	T											.29	.02	1.00	.20	.21					
UPPER SOUTHERN 04																																					
ANNAPOLIS POLICE BRKS	4.26	.05			.56					.47	.07				.30	.21												.08		.19	.43	.14	1.04	.52	.20		
BALTIMORE WSD AP	4.24		T		.28			T	T	.49	T		.01		.24	T								.01		.08	.22		.57	1.37	.42	.01	.54				
BELTSVILLE	5.15	.24			.28	.01				.66	.03				.04	.32												.24	.04	.96	.58	.19	.07				
COLLEGE PARK	4.73	.19			.43	.05				.70	.10				.01	.04	.44	T											.27	.60	.27	.59	.81	.12			
DALECARLIA RESVR D C										.62					.02	.36	.45																				
GLENN DALE BELL STA	5.02	.13			.62				T	.50	.42				.19	.05													.18	.59	.31	1.40	.50	.13			
LAUREL 3 W	4.35				.26					.13	.65			.05	.40														.42	.85	.74	.50	T	.35			
NATIONAL ARBORETUM D C	3.84	.44		T	.18	.12				.59	.12				.04	.29													.17	.78	.72	.24	.15				
UPPER MARLBORO 3 NW	3.82	.29			.30					.39	.27				.05	.13												.03	.21	.43	1.06	.54	.12				
NORTHERN EASTERN SHORE 05																																					
CENTREVILLE	4.78	.01			.57					.52	1.40				.15													.34	.41	.73	.18	.14	.33				
CHESTERTOWN	4.24		T		1.13			T		.82			T	T	.24														.63	.34	.38	.06	.47				
MILLINGTON																																					
NORTHERN CENTRAL 06																																					
ABERDEEN PHILLIPS FLD	3.51	.24			.29				T	.42	.09				.19	.09													.09			1.49	.24	.37			
BALTIMORE WSD CI	3.93				.32					.65	.11	T			.26														.34	1.42	.20	.03	.40				
BENSON POLICE BARRACKS	3.79	.14			.35					.65					.20														.05	.19	.47	1.27	.16	.20			
BOYDS 2 NW	3.78	.16			.21					.81					.30	.04													.20	.35	.72	.75	.10	.07			
BRIGHTON DAM	3.55				.31					.62					.62															.68	.71	.39	.03	.03			
CATOCTIN MOUNTAIN PARK	5.44	.32			.39					.14	1.30				.11	.67	.20	.01												.12	.72	.56	.36	.29			
CLARKSVILLE 3 NNE	3.77	.15			.37				T	.57	.03				.35	.15														.10	.36	.66	.48	.46	.05		
CONOWINGO DAM	5.35	.02	T		.44					.82					.03	T	.45													.06	2.37	.40	.12	.60			
DAMASCUS 2 SW	4.59	.13	T		.19				T	.82	.07	T			.33	.43														.32	.92	.58	.11	.42			
EMMITSBURG 2 SE	4.59	.27			.40					.03	1.17	.17			.21	.02	.53	.02											.03	.09	.03	.07	.60	.70	.18	.07	
FREDRICK POLICE BRKS	3.79	.22			.37					.86					.06	.35	.06													.04	.25	.80	.37	.26	.07		
FREDRICK 3 E	4.12	.50			.21				T	.90		T	T		.09	.09	.34													.11	1.02	.30	.50	.06			
PARKTON 2 SW	3.68	.01	.02		.24					.89					.02	.28	.04														.11	1.08	.39	.07	.40		
POTOMAC FILTER PLANT	4.22				.25					.02	.50				.63																.65	.83	.84	T	.22		
ROCKVILLE 3 NE	4.05	.15			.38					.01	.63	.01			.02	.45	.23													.19	.46	.57	.54	.35	.06		
TOMSON																																					
UNIONVILLE	3.76	.19			.25					.80	.03				.35	.18														.05	.15		1.50	.35	.80		
WESTMINSTER POLICE BRK	4.73	.17	T		.31				T	1.00					.09	.45	.16													.18	.09	.21	.89	.34	.36	T	
WOODSTOCK	3.95	.09			.40					.65	.09				.25	T														.02	.10	.35	.68	.44	.54	.14	
APPALACHIAN MOUNTAIN 07																																					
CUMBERLAND 2	4.67	.72			.23	.04				1.25	.05				.05	.60	.20													.13	.85	.17	.12	.26			
EDGEHART	4.81	.65			.26					1.20	T				.40	.17	.43														.57	.20	.78	.15			
FROSTBURG 2	6.07	.77	.01	T	.43	.18				1.41	.03	T			.14	.70	.53		.07	T										.08	.81	.31	.02	.58			
HAGERSTOWN	3.67	.20			.15					.80					.53	.05															.78	.43	.24	.08			
HANCOCK FRUIT LAB	4.13	.77			.07	.07				.56					.36	.66															.70	.14	.46	.34			
ALLEGHENY PLATEAU 08																																					
MC HENRY 2 NW	5.50	.57			.58	.12				1.78					.17	.50	.45	.20	T												.57	.10		.46			
MERRILL	5.73	.30			.39	.05				2.28					.15	.56	.15	T													.80	.18	.75				
OAKLAND 1 SE	6.24	.05			.40	.05				.08	2.20				.11	.84	.11	.25												.05	.08	.25	.83	.02	T	.88	
SAVAGE RIVER DAM	6.24	.51	T		.41	.02				1.77					.08	.84	.26	.07													.22	.94	.31	T	.81		

DAILY PRECIPITATION

MARYLAND AND DELAWARE
APRIL 1980

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	
DELAWARE																																	
NORTHERN 01																																	
MIDDLETOWN 1 WSW	4.68		.28							.57	.95				.30	T											.06	.25	.22	.56	.58	.25	
NEWMARK UNIVERSITY FARM	4.25		.17	T						.82	.31	T			.20	.06												.45	T	.51	.90	.46	
WILMINGTON WSO AP	4.55		.01	T					T	.99			T	T	.31	.23					T							T	.05	.57	1.07	.02	.78
WILMINGTON PORTER RESVR	5.28		T							1.32	.07	T	T	T	.32										.04		.18	.51	.56	.63	1.00		
																								.05									
SOUTHERN 02																																	
BRIDGEVILLE 1 NW	4.67		.04			.47				.80	.69				.40	.08												.52	.08	.37	.63	.48	.11
DOVER	4.34		.27			.42				.51	.23				.14	.10												.16	.38	.29	.63	.78	.43
GEORGETOWN 5 SW	5.30		.12			.41	.60			.66	.27				.11	.29												.60		.11	1.32	.80	.01
LENES 1 SW	-		.01			.94				-	-	-	-	-	-	-												.64	.12	.22	1.00	.02	.49
MILFORD 2 WSW	6.84		.11	T		.82	T		T	.78	1.31	-	-	-	.30	.14	.02	-	-	-	-	-	-	-	-	-		.49	.11	.43	1.11	.94	.28

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES

MARYLAND AND DELAWARE
APRIL 1980

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	50 36	58 41	55 45	63 46	60 46	61 42	54 41	54 41	56 51	60 50	65 45	62 49	66 50	58 50	59 49	62 43	48 32	57 42	65 46	65 52	64 53	69 45	69 46	63 49	70 52	62 52	62 50	65 53	69 54	68 50	61.3 46.7	
CRISFIELD SOMERS COVE	MAX MIN	54 39	63 40	63 49	68 45	62 47	63 50	68 38	67 50	71 44	68 52	69 41	67 42	67 57	64 51	66 54	59 47	53 35	60 43	72 50	71 52	73 55	72 50	68 47	73 51	72 57	71 50	71 51	70 55	66 55	67 55	66.6 48.1	
PRINCESS ANNE	MAX MIN	56 37	65 32	66 48	73 49	69 45	68 32	69 43	69 50	68 57	71 55	70 43	74 42	72 58	73 51	68 54	57 47	54 31	65 31	72 35	73 38	71 52	72 34	70 43	71 41	75 52	72 47	72 50	68 56	69 53	69 53	68.9 44.9	
SALISBURY	MAX MIN	53 37	64 34	62 48	70 49	63 45	63 36	63 44	74 53	68 57	70 56	68 48	72 45	66 58	70 52	66 53	55 48	52 32	62 33	68 33	71 35	72 35	71 46	70 41	76 44	73 48	72 54	69 49	69 53	66 51	66 51	66.7 46.0	
SALISBURY FAA AP	MAX MIN	55 35	67 32	62 48	72 52	60 41	65 34	65 42	70 53	65 48	74 50	71 46	76 45	69 58	73 54	67 51	53 39	55 33	68 34	74 38	77 41	73 44	70 40	71 46	77 44	76 55	57 50	70 51	68 56	67 54	61 52	67.6 45.7	
SNOW HILL 4 N	MAX MIN	53 37	65 31	65 48	72 48	62 45	67 36	65 41	70 49	62 56	71 55	70 44	73 41	71 56	70 52	65 56	56 43	56 31	67 32	75 38	76 34	70 51	71 37	69 44	76 43	78 53	70 50	73 55	69 55	67 54	64 53	67.9 45.4	
* * *																																	
CENTRAL EASTERN SHORE 02																																	
CAMBRIDGE MTR TRMT PL	MAX MIN	54 37	67 36	68 47	72 49	69 45	65 37	68 47	70 45	69 42	69 52	71 49	72 51	75 54	70 41	68 52	58 47	52 34	65 39	72 41	75 45	73 53	71 49	70 47	78 49	76 51	71 51	60 49	65 54	65 52	65 50	68.1 46.5	
DENTON 1 S	MAX MIN	58 35	67 32	68 41	69 47	63 43	70 32	65 42	73 50	69 49	73 54	70 47	74 44	69 52	67 50	69 52	56 44	55 29	69 32	74 38	77 47	74 54	72 38	70 42	79 45	77 51	63 46	62 47	62 51	65 46	65 49	68.1 44.3	
ROYAL OAK 2 SSW	MAX MIN	55 37	66 36	64 45	69 50	59 45	66 38	68 49	69 53	68 57	70 50	68 50	71 53	65 55	68 53	68 54	57 48	55 33	66 39	72 48	73 53	70 56	69 43	70 43	75 50	73 54	64 50	63 49	64 54	66 52	62 52	66.4 48.3	
VIENNA	MAX MIN	55 36	66 37	67 48	68 48	68 44	65 40	68 53	71 53	67 56	74 50	77 45	72 47	72 55	73 39	67 42	58 39			72 48	69 71	71 44				67 53	55 50	67 48	69 61	72 49	65 49	67.8 47.0	
* * *																																	
LOWER SOUTHERN 03																																	
LA PLATA 1 W	MAX MIN	61 36	72 36	68 43	78 51	62 41	70 33	69 42	71 52	75 53	73 44	76 44	73 46	67 52	69 46	68 45	56 43	61 29	69 35	77 38	82 52	75 53	74 40	74 45	78 42	75 53	61 49	58 49	58 50	68 48	63 53	69.4 44.8	
MECHANICSVILLE 1 SE	MAX MIN	56 38	70 36	70 49	75 48	68 44	69 35	69 40	72 54	76 55	71 47	73 45	73 46	69 54	72 54	66 51	57 43	60 30	68 41	74 51	79 47	77 41	74 41	74 47	75 46	78 53	68 49	60 53	68 50	66 52	69.5 46.1		
OWINGS FERRY LANDING	MAX MIN	65 65	69 69	72 72	64 64	67 67	68 68	67 67	59 59	62 62	68 68	73 73	75 75	72 72	68 68	64 64	59 59	58 60	60 60	68 68	72 72	72 72	74 74	76 76	72 72	64 64	65 65	61 61	70 70	63 63	67.3 67.3		
PATUXENT RIVER	MAX MIN	56 39	66 37	63 48	74 50	60 45	66 40	62 44	66 49	65 53	71 49	67 45	75 48	64 54	66 50	63 46	56 40	57 31	65 39	74 46	78 53	68 48	68 45	66 47	69 49	71 55	59 50	62 51	65 53	65 52	65 52	65.7 46.9	
SOLOMONS	MAX MIN	52 39	55 38	69 49				65 47	59 45	64 53	63 50	70 48		73 51	66 51	63 45	55 35	58 41			79 47	71 47	71 48	65 50	69 55			69 51	64 52	63 54	64.9 47.4		
* * *																																	
UPPER SOUTHERN 04																																	
ANNAPOLIS POLICE BRKS	MAX MIN	55 36	64 37	62 47	73 50	67 44	66 38	64 42	68 52	69 53	69 49	67 48	72 50	65 52	66 50	66 51	57 46	54 32	65 37	70 48	75 47	75 46	74 43	75 46	73 45	71 55	68 49	57 49	60 52	63 50	61 53	66.4 46.7	
BALTIMORE WSO AP	MAX MIN	56 38	70 36	65 49	73 48	61 44	68 35	67 40	71 54	69 55	68 46	71 45	75 47	66 52	66 50	62 51	52 38	59 28	68 34	73 42	79 43	72 42	73 44	74 45	73 49	73 52	55 49	56 49	57 52	64 51	55 52	66.3 45.1	
BELTSVILLE	MAX MIN	59 36	52 35	67 35	64 48	70 43	59 31	67 35	70 51	73 53	70 42	66 40	70 42	71 49	65 48	68 49	68 50	51 26	57 26	66 38	72 40	78 53	70 38	71 43	72 45	75 45	70 46	51 47	55 49	56 49	65 49	65.4 42.7	
COLLEGE PARK	MAX MIN	45 37	58 40	69 44	66 50	71 45	61 34	68 38	69 52	72 55	72 44	68 42	73 45	72 51	66 50	68 49	61 46	51 29	60 33	71 38	74 40	80 54	70 41	74 46	74 50	77 53	73 52	52 48	55 52	56 51	67 52	66.4 45.4	
DALECARLIA RESVR D C	MAX MIN	58 34	69 31	69 40	75 48	68 43	68 30	67 34	70 50	71 53	70 40	72 37	70 38	68 45	67 48	66 49	55 45	55 25	68 29	73 35	78 38	79 35	72 34	73 39	75 40	74 47	65 47	53 46	50 49	67 49	67 49	68.5 44.5	
GLENN DALE BELL STA	MAX MIN	57 34	69 31	69 40	75 48	68 43	68 30	67 34	70 50	71 53	70 40	72 37	70 38	68 45	67 48	66 49	55 45	55 25	68 29	73 35	78 38	79 35	72 34	73 39	75 40	74 47	65 47	53 46	50 49	67 49	67 49	68.0 41.0	
LAUREL 3 W	MAX MIN	58 36	69 38	65 46	73 48	59 48	67 44	67 50	70 53	72 53	67 51	72 47	71 51	65 53	66 50	62 45	50 36	57 41	67 41	73 50	78 54	73 58	72 47	74 54	71 52	71 51	64 47	55 45	55 50	67 51	54 50	66.1 47.5	
NATIONAL ARBORETUM D C	MAX MIN	46 36	58 38	69 42	67 49	74 44	67 31	68 39	68 50	71 50	73 46	74 44	74 42	65 50	66 50	60 46	57 46	48 31	50 38	58 52	64 38	69 51	63 41	64 45	63 49	67 52	64 52	55 48	58 54	64 50	67 52	62.8 44.8	
UPPER MARLBORO 3 NNW	MAX MIN	45 35	57 33	70 43	69 50	74 44	61 32	68 35	68 51	72 54	70 42	69 42	73 43	73 49	67 49	68 50	60 45	54 29	59 30	68 42	75 46	80 53	72 37	74 42	74 43	75 51	75 49	51 47	57 49	56 50	67 51	66.7 43.9	
* * *																																	
NORTHERN EASTERN SHORE 05																																	
CENTREVILLE	MAX MIN	56 36	60 33	66 43	60 34	60 36	70 44	67 42	73 52	70 56	70 45	70 48	73 50	69 43	65 42	52 37	50 36	64 31	67 34	73 38	77 44	72 40	71 40	71 39	77 44	74 50	68 47	61 48	59 48	62 50	59 50	66.2 42.7	
CHESTERTOWN	MAX MIN	56 37	64 36	65 42	66 50	60 43	66 39	68 44	72 50	70 56	68 50	69 50	73 48	65 52	69 52	64 46	51 39	56 32	66 36	72 44	76 49	71 48	71 42	71 43	77 50	74 54	54 48	56 48	58 50	63 47	54 50	65.5 45.8	
MILLINGTON	MAX MIN																																

DAILY TEMPERATURES

MARYLAND AND DELAWARE
APRIL 1980

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																																	
* * *																																	
NORTHERN CENTRAL 06																																	
ABERDEEN PHILLIPS FLD	MAX MIN	55 33	65 36	65 38	68 47	61 46	66 38	67 47	71 45	69 53	69 50	70 44	71 49	65 51	63 50	56 49	56 39	57 28	66 34	68 41	75 44	74 57	73 31	71 35	73 48	74 53	67 51	54 49	55 51	60 47	59 48	65.4 44.4	
BALTIMORE WSO CI	MAX MIN	57 40	73 42	65 50	74 52	64 47	71 46	68 52	70 54	70 58	69 55	74 52	77 56	70 53	68 50	64 46	50 38	58 32	68 42	74 52	80 54	72 59	75 55	76 48	72 56	74 54	56 50	55 48	56 51	64 50	54 50	67.3 49.7	
BENSON POLICE BARRACKS	MAX MIN	62 35	67 38	66 38	72 46	62 42	68 37	69 40	72 49	70 55	68 45	70 43	73 47	68 48	64 47	66 49	55 43	60 30	70 33	75 40	78 43	77 55	77 42	75 42	76 50	76 52	67 49	54 46	56 49	63 48	65 49	68.0 44.3	
BOYDS 2 NW	MAX MIN	56 33	67 37	64 44	69 48	60 40	65 37	66 41	69 50	69 53	67 46	69 43	69 48	60 45	66 46	67 43	49 42	57 28	66 37	71 43	77 47	75 53	72 45	73 45	74 45	66 52	61 46	53 45	54 49	65 47	64 49	65.3 44.2	
CATOCTIN MOUNTAIN PARK	MAX MIN	49 30	60 30	59 37	64 45	60 35	62 39	62 40	64 45	64 49	63 45	65 37	64 48	55 38	52 40	62 38	44 35	53 24	63 38	67 44	74 47	69 77	71 72	71 45	68 40	60 42	49 46	49 44	47 41	54 45	56 44	57 46	60.3 40.8
CLARKSVILLE 3 NNE	MAX MIN	58 30	67 36	66 35	69 46	66 41	67 34	64 29	69 33	69 53	68 38	70 38	71 40	64 48	61 48	66 46	48 42	57 24	67 28	71 35	78 37	77 53	72 33	72 39	73 43	69 49	64 46	54 46	55 50	65 49	65 49	66.1 41.3	
CONOWINGO DAM	MAX MIN	56 36	60 41	63 37	68 46	60 41	68 34	66 39	70 47	67 54	68 46	69 43	73 46	65 49	52 48	58 44	50 37	57 31	66 33	70 38	76 40	72 45	69 37	70 43	73 45	75 52	55 48	55 46	56 49	61 47	61 47	64.3 43.1	
DAMASCUS 2 SW	MAX MIN	56 32	65 37	63 43	67 46	58 39	65 39	65 41	69 48	68 52	64 43	68 42	69 47	60 45	65 46	65 42	47 39	55 25	66 37	70 45	77 49	70 54	71 45	71 42	73 45	66 53	55 45	53 45	63 49	56 47	65 48	63.8 43.7	
EMMITSBURG 2 SE	MAX MIN	57 32	65 36	63 40	69 46	61 40	66 34	65 42	70 50	67 53	68 45	68 42	68 42	62 46	58 44	62 44	51 40	58 25	68 31	71 40	77 45	73 55	73 41	73 45	69 44	65 53	60 47	52 45	55 49	64 48	64 47	64.7 41.3	
FREDRICK POLICE BRKS	MAX MIN	58 35	66 39	66 40	70 48	65 41	65 34	66 42	70 50	70 53	70 45	71 46	70 52	63 46	60 44	63 45	51 39	57 29	69 38	72 41	78 45	77 55	75 48	73 46	73 48	72 50	64 49	51 46	56 49	65 48	65 49	66.4 44.4	
PARKTON 2 SW	MAX MIN	56 33	65 35	63 36	68 45	59 39	64 33	64 37	68 47	66 51	62 41	66 38	73 44	62 44	64 44	63 41	48 32	55 25	65 31	70 38	76 41	69 45	70 39	71 38	70 44	53 47	53 45	60 44	52 48	65 46	62 47	63.2 40.6	
ROCKVILLE 3 NE	MAX MIN	59 32	70 34	68 40	73 46	64 40	69 28	71 36	75 47	73 50	73 37	73 42	73 42	66 45	64 45	66 44	51 40	60 23	68 28	75 35	81 43	80 53	75 39	74 43	79 43	74 46	63 44	54 44	54 44	67 45	66 48	68.6 40.6	
TOWSON	MAX MIN																			72 45	79 45	82 55	82 46	72 52	78 43	72 46	66 45		55 46	64 48	64 47		
UNIONVILLE	MAX MIN	56 33	64 39	65 32	69 47	60 41	65 29	66 34	71 50	69 53	69 37	68 34	70 41	61 45	66 46	66 45	48 41	56 24	67 30	71 33	77 36	70 49	72 32	71 38	74 38	68 48	60 45	54 45	54 49	64 48	62 50	65.1 40.4	
WESTMINSTER POLICE BRK	MAX MIN	56 32	63 37	63 40	66 40	60 39	66 41	65 42	69 47	65 43	67 42	70 47	71 49	61 44	58 44	65 42	47 39	55 27	65 41	69 45	76 43	75 53	70 48	71 42	72 46	61 53	61 46	51 43	53 47	62 46	65 47	64.0 43.2	
WOODSTOCK	MAX MIN	58 34	67 35	65 36	69 46	61 40	67 31	67 40	70 50	70 53	69 41	70 41	71 44	68 48	63 47	63	48 27	58 30	68 30	72 38	78 40	73 55	73 39	72 40	74 47	70 51	56 47	53 46	65 49	62 50	65.8 42.8		
* * *																																	
APPALACHIAN MOUNTAIN 07																																	
CUMBERLAND 2	MAX MIN	51 36	68 36	67 39	65 40	60 36	71 37	69 39	65 52	75 42	66 35	72 38	67 43	63 43	55 40	55 38	47 27	65 33	73 37	78 41	82 47	77 38	77 44	75 43	73 49	68 45	58 45	51 47	59 42	67 46	62 49	66.0 40.9	
FROSTBURG 2	MAX MIN	40 32	42 32	59 34	59 38	57 32	51 31	62 37	63 42	56 45	66 42	50 34	62 34	57 36	55 35	52 35	42 31	38 22	55 23	62 32	66 38	70 42	66 42	67 42	78 36	63 36	53 39	45 39	45 40	52 38	58 38	56.4 35.9	
HAGERSTOWN	MAX MIN	56 32	65 40	63 39	68 48	60 40	67 41	65 46	67 52	70 53	67 45	70 40	67 46	60 43	65 44	65 45	48 40	58 27	70 37	77 41	80 49	77 50	73 49	73 43	69 44	65 52	56 44	52 45	65 48	63 48	65.2 44.0		
HANCOCK FRUIT LAB	MAX MIN	44 35	55 32	65 31	65 46	68 40	59 30	68 32	67 52	68 51	71 36	62 32	67 43	70 40	58 43	56 37	53 40	47 24	61 29	69 32	75 35	80 40	72 33	75 40	74 37	70 45	61 40	52 44	51 46	53 45	65 47	63.4 38.6	
* * *																																	
ALLEGHENY PLATEAU 08																																	
MC HENRY 2 NW	MAX MIN	42 36	45 36	58 36	62 39	52 28	50 30	63 38	63 45	56 41	65 39	47 32	60 36	58 33	51 33	51 33	37 27	36 18	55 23	60 36	67 45	70 42	66 40	66 44	76 34	70 35	51 35	52 38	46 39	50 37	58 38	56.1 35.5	
OAKLAND 1 SE	MAX MIN	47 40	62 28	64 32	61 39	51 31	62 30	63 31	60 44	66 40	55 41	62 29	60 42	55 36	53 39	55 32	39 29	56 20	62 25	67 29	71 33	68 37	67 27	78 47	67 32	60 38	50 38	48 40	54 41	59 33	55 43	59.2 34.9	
SAVAGE RIVER DAM	MAX MIN	43 34	45 32	63 33	62 35	49 35	54 32	66 33	64 39	59 43	68 38	54 31	64 38	60 40	57 39	51 34	44 33	42 26	58 29	64 34	69 38	72 41	70 33	69 49	79 35	64 40	56 40	47 42	48 42	55 36	61 35	58.6 36.3	

DAILY TEMPERATURES

MARYLAND AND DELAWARE
APRIL 1980

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 WSW	MAX MIN	55 34	63 35	65 38	66 47	69 36	73 41	66 43	72 46	67 53	69 50	67 48	73 47	68 51	63 49	69 51	56 44	55 29	65 34	70 41	76 45	75 55	70 39	69 42	76 49	73 53	68 48	55 47	56 50	57 48	58 49	66.1 44.7	
NEWARK UNIVERSITY FARM	MAX MIN	56 33	62 35	65 35	68 45	64 41	67 34	66 40	70 49	63 52	68 46	66 45	76 45	69 49	62 47	68 51	55 41	54 28	63 32	69 40	76 41	75 55	70 38	69 39	75 45	75 53	69 47	54 49	54 49	57 47	57 48	65.4 43.3	
WILMINGTON WSO AP	MAX MIN	59 35	62 36	66 39	68 48	60 42	67 37	64 45	70 49	65 53	69 47	68 46	76 49	65 51	65 49	66 45	50 36	56 27	65 36	70 47	75 45	73 52	68 40	71 39	72 46	73 52	55 49	56 47	55 49	58 48	54 50	64.7 44.5	
WILMINGTON PORTER RESVR	MAX MIN	53 34	62 38	62 39	67 46	65 42	65 40	63 45	68 50	60 55	67 52	65 45	74 52	64 52	64 48	64 45	48 34	54 29	63 42	68 49	74 49	71 50	67 50	69 41	73 52	74 51	53 48	53 48	55 49	55 47	52 48	63.1 45.7	
* * *																																	
SOUTHERN 02																																	
BRIDGEVILLE 1 NW	MAX MIN	55 36	66 32	64 44	70 47	65 41	67 35	67 40	70 45	67 56	73 53	72 46	73 52	68 53	70 51	68 53	55 42	55 29	67 35	73 42	75 43	72 52	70 37	70 43	80 44	75 53	68 46	64 49	69 53	67 50	65 50	68.0 45.1	
DOVER	MAX MIN	55 35	64 32	65 43	69 46	65 44	66 38	66 43	69 48	67 48	71 52	70 50	75 45	70 54	64 49	70 52	59 45	55 30	67 30	72 42	75 46	75 57	72 40	70 43	74 50	75 51	72 47	62 41	62 51	62 48	62 50	67.3 45.0	
GEORGETOWN 5 SW	MAX MIN	47 36	54 30	64 38	62 47	71 44	58 32	65 41	65 51	69 56	65 54	72 45	69 45	75 52	66 52	70 51	61 45	52 30	55 32	65 40	72 43	76 42	70 35	68 42	70 43	79 52	75 48	56 49	65 50	68 51	67 50	65.7 44.2	
LEWES 1 SW	MAX MIN	50 36	66 34	58 45	72 48	60 43	66 38	60 44	65 49	61 53																							
MILFORD 2 WSW	MAX MIN	54 36	65 32	65 44	70 47	63 43	66 45	67 40	72 50	67 57	73 53	69 47	77 43	69 49	69 49	70 43	58 43	55 28	67 33	74 41	77 45	76 54	71 36	71 45	76 46	77 52	73 45	59 49	67 51	66 49	66 50	68.3 44.8	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

EVAPORATION AND WIND

MARYLAND AND DELAWARE
APRIL 1980

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	*	.18	.10	.18	.18	.24	.17	.16	.15	.07	.12	.17	.10	.16	.01	.14	.13	.20	*	.28	.22	.21	.24	.16	.15	-	.29	-	.00	.13	4.448	
	WIND	77	36	29	61	155	103	37	64	122	34	26	31	57	50	86	76	107	27	31	27	28	43	50	17	42	44	11	37	26	40	1574	
	MAX	41	71	74	74	70	76	74	66	70	72	72	79	67	76	76	61	62	70	66	64	83	81	78	81	82	74	53	61	58	76	70.3	
	MIN	39	39	42	48	41	40	41	48	53	51	48	49	51	52	50	43	37	36	42	42	44	46	49	49	49	50	50	53	53		46.1	
UPPER MARLBORO 3 NNW																																	
	EVAP	.01	.14	.13	.15	.19	.20	.14	.15	.16	.16	.15	.19	.16	.15	.04	.16	.21	.14	.18	.19	.22	.29	.22	.17	.21	.18	*	.07	.08	.12	4.56	
	WIND	35	22	20	43	85	52	24	49	105	25	20	29	58	43	79	67	70	23	24	20	43	43	42	17	36	34	23	47	23	40	1241	
	MAX	47	68	71	72	72	65	72	67	70	70	70	75	65	71	61	62	63	67	74	77	80	78	77	77	80	77	52	55	54	73	68.7	
	MIN	38	39	41	49	42	40	41	45	52	51	49	49	49	51	50	43	37	37	42	47	52	48	48	48	51	50	48	51	51		46.4	
* * * ALLEGHENY PLATEAU 08																																	
SAVAGE RIVER DAM																																	
	EVAP	-	-	.12	.05	.16	.16	.12	.13	.17	.10	.10	.32	-	.07	.01	.19	.18	.11	.23	.21	.20	.31	.20	.28	.13	.19	.24	-	.07	.18	4.888	
	WIND	-	-	-	-	-	-	-	-	.43	.41	.33	.56	51	76	61	106	115	37	45	37	64	56	75	94	44	65	57	47	33	29	-	
	MAX	55	44	63	61	63	52	71	61	54	69	51	67	64	63	43	49	51	64	68	74	73	76	65	75	62	67	51	55	53	64	60.9	
	MIN	38	36	37	41	35	35	43	41	49	45	42	38	43	40	41	35	33	33	38	43	45	39	42	41	41	41	41	40	41		40.0	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

EVAPORATION AND WIND

MARYLAND AND DELAWARE
APRIL 1980

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 SOUTHERN GEORGETOWN 5 SW	02 EVAP WIND	-	-	-	.18 91	-	.06 251	.18 56	.19 92	.30 152	.13 142	.19 35	.18 55	.21 109	.19 71	.08 185	.32 155	.20 149	.14 50	.11 39	.22 60	.34 138	.25 71	.26 85	.19 42	.22 69	.15 50	.04 46	.19 67	.14 44	.10 56	5.498 26438	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

SNOWFALL AND SNOW ON GROUND

MARYLAND AND DELAWARE
APRIL 1980

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																																	
NORTHERN CENTRAL 06																																	
CATOCTIN MOUNTAIN PARK	SNOWFALL SN ON GND	T																															
DAMASCUS 2 SW	SNOWFALL SN ON GND	T																															
UNIONVILLE	SNOWFALL SN ON GND	T																															
APPALACHIAN MOUNTAIN 07																																	
FROSTBURG 2	SNOWFALL SN ON GND	T				.1 T											1.0 T																
ALLEGHENY PLATEAU 08																																	
MC HENRY 2 NW	SNOWFALL SN ON GND					T T											2.0 2 T																
OAKLAND 1 SE	SNOWFALL SN ON GND					1.0											T 4.0 T																

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

MARYLAND AND DELAWARE
APRIL 1980

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		39 28	76 10	57	4P	4P		C	H	ROSS AVIATION INC
ANNAPOLIS POLICE BRKS	0193	04	ANNE ARUNDEL		38 59	76 30	25	5P	5P			H	ANNAPOLIS POLICE BRKS
ASSATEAGUE STATE PARK	0335	01	WORCESTER		38 14	75 08	7	5P	5P			H	ASSATEAGUE STATE PARK
BALTIMORE WSO AP	R 0465	04	ANNE ARUNDEL		39 11	76 40	196	MID	MID		C	HJ	NATL WEATHER SERVICE
BALTIMORE WSO CI	# 0470	06	BALTO CITY		39 17	76 37	91	MID	MID		C		OCMI COMMANDING OFFICER
BELTSVILLE	0700	04	PRN GEORGES		39 02	76 53	120	8A	8A	BAC	H		U S DEPT OF AGRICULTURE
BENSON POLICE BARRACKS	0732	06	HARFORD		39 30	76 23	365	5P	5P				MARYLAND STATE POLICE
BOYDS 2 NW	1032	06	MONTGOMERY		39 13	77 20	580	6P	6P				HUNTER F STALEY
BRIGHTON DAM	1125	06	MONTGOMERY		39 12	77 01	330		MID				WASH SUB SANY COMM
CAMBRIDGE WTR TRMT PL	1385	02	DORCHESTER		38 34	76 04	5	4P	4P			H	WASTEWATER TRMT PLANT
CATOCTIN MOUNTAIN PARK	1530	06	FREDERICK		39 39	77 29	1610	5P	5P		C	H	CATOCTIN MOUNTAIN PARK
CENTREVILLE	1627	05	QUEEN ANNES		39 03	76 04	20	5P	5P			H	VICTOR F KENNEDY
CHESTERTOWN	1750	05	KENT		39 13	76 04	40	11P	11P			H	T W ELIASON JR
CLARKSVILLE 3 NNE	1862	06	HOWARD		39 15	76 56	365	5P	5P				UNIVERSITY OF MARYLAND
COLLEGE PARK	1995	04	PRN GEORGES		38 59	76 57	90	9A	9A	C	H		UNIVERSITY OF MARYLAND
CONOWINGO DAM	2060	06	HARFORD		39 39	76 10	40	MID	MID		H		SUSQUEHANNA ELECTRIC CO
CRISFIELD SOMERS COVE	2215	01	SOMERSET		37 59	75 52	8	5P	5P				SOMERS COVE MARINA
CUMBERLAND 2	2282	07	ALLEGANY		39 38	78 45	700	6P	7A		H		TIMOTHY B THOMAS
DAMASCUS 2 SW	2335	06	MONTGOMERY		39 16	77 14	720	7P	7P		H		RICHARD W SCHWERDT
DENTON 1 S	2523	02	CAROLINE		38 53	75 50	20	6P	6P		H		EMORY DOBSON
EDGEMONT	2770	07	WASHINGTON		39 40	77 33	905		7A				JOHN W HARNE
EMMITSBURG 2 SE	2906	06	FREDERICK		39 41	77 18	416	5P	5P		H		MRS LUCILLE K BEALE
FEDERALSBURG	3090	02	CAROLINE		38 41	75 46	20			C			SEWAGE TREATMENT PLANT
FREDRICK POLICE BRKS	3348	06	FREDERICK		39 25	77 26	380	5P	5P		H		MARYLAND STATE POLICE
FREDERICK 3 E	3355	06	FREDERICK		39 24	77 22	385		7A				MISS I MARY STALEY
FROSTBURG 2	3415	07	ALLEGANY		39 40	78 56	2170	7A	7A		H		LEE K CLOSE
GLENN DALE BELL STA	3675	04	PRN GEORGES		38 58	76 48	150	4P	4P		H		USDA PLT INTRODUCT STA
HAGERSTOWN	3975	07	WASHINGTON		39 39	77 44	660	6P	6P				HAGERSTOWN RESERVOIR
HANCOCK FRUIT LAB	4030	07	WASHINGTON		39 42	78 11	428	8A	8A	C	H		U OF MD FRUIT LAB
LA PLATA 1 W	5080	03	CHARLES		38 32	77 00	140	6P	6P		H		C RUSSELL LEVERING
LAUREL 3 W	5111	04	PRN GEORGES		39 06	76 54	400	MID	MID				WASH SUB SANY COMM
MC HENRY 2 NW	5832	08	GARRETT		39 35	79 22	2680	8A	8A		C	H	JOSEPH F JOHENNING
MECHANICSVILLE 1 SE	5865	03	ST MARYS		38 26	76 43	160	5P	5P				MRS EDITH R BENNETT
MERRILL	5894	08	GARRETT		39 36	79 05	1790		9A				DELWOOD E MERRILL
MILLINGTON	5985	05	KENT		39 16	75 51	30	6P	6P		H		LOUIS H HOLLETT
NEW GERMANY 2	6410	08	GARRETT		39 37	79 08	2480			C			LESTER BITTINGER
OAKLAND 1 SE	6620	08	GARRETT		39 24	79 24	2420	5P	5P		H		MS CARA M WEBER
OWINGS FERRY LANDING	6770	03	CALVERT		38 41	76 40	160	5P	5P		H		JAMES E BOURNE JR
PARKTON 2 SW	6844	06	BALTIMORE		39 38	76 42	600	11P	11P		C	H	JOHN R FOX
PATUXENT RIVER	6915	03	ST MARY'S		38 20	76 25	38	MID	MID		C		NAVAL WEATHER SERVICE
POTOMAC FILTER PLANT	7272	06	MONTGOMERY		39 02	77 15	270		MID				WASH SANITARY COMM
PRINCESS ANNE	7330	01	SOMERSET		38 13	75 41	20	5P	5P		H		MARYLAND ST COLLEGE FRM
ROCKVILLE 3 NE	7705	06	MONTGOMERY		39 07	77 06	400	4P	4P		H		MD NATL CAPITAL PARK
ROYAL OAK 2 SSW	7806	02	TALBOT		38 43	76 11	10	6P	6P		H		JOHN L SWAINE JR
SALISBURY	8000	01	WICOMICO		38 22	75 35	10	5P	5P				CITY OF SALISBURY
SALISBURY FAA AP	# 8005	01	WICOMICO		38 20	75 31	48	MID	MID		H		FAA
SAVAGE RIVER DAM	8065	08	GARRETT		39 31	79 08	1495	8A	8A	BAC	H		U S CORPS OF ENGINEERS
SINES DEEP CREEK	8315	08	GARRETT		39 32	79 25	2040			C			PA ELECTRIC COMPANY
SNOW HILL 4 N	8380	01	WORCESTER		38 14	75 23	28	6P	6P		H		CURTIS E SHOCKLEY
SOLOMONS	8405	03	CALVERT		38 19	76 27	12	8A	8A				CHESAPEAKE BIOL LAB
TOWSON	8877	06	BALTIMORE		39 23	76 34	390	6P	6P				BENDIX FRIEZ
UNIONVILLE	9030	06	FREDERICK		39 27	77 11	430	6P	6P		C	H	GEORGE P VON EIFF JR
UPPER MARLBORO 3 NNW	9070	04	PRN GEORGES		38 52	76 47	98	8A	8A	BA	H		TOBACCO EXP FARM
VIENNA	9140	02	DORCHESTER		38 29	75 50	12	6P	6P		H		DELMARVA POWER & LIGHT
WESTMINSTER POLICE BRK	9440	06	CARROLL		39 33	76 58	765	5P	5P				MARYLAND STATE POLICE
WOODSTOCK	9750	06	BALTIMORE		39 20	76 52	460	6P	6P		H		JOHN A HILTZ

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

MARYLAND AND DELAWARE
APRIL 1980

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

SEE REFERENCE NOTES FOLLOWING STATION INDEX

MARYLAND AND DELAWARE - APRIL 1980

SPECIAL WEATHER SUMMARY

Monthly temperatures averaged mostly near to 2° above normal across the two-State area. Highs for the month, occurring on several days, ranged mostly within the narrow range of 76° to 82°. Lows for the month, in the 20's and the low 30's, occurred on the 17th. McHenry with its 18° recorded the lowest of all the stations reporting.

Showers and thunderstorms during the last 5 days of the month brought the monthly totals to near normal to much above normal. Heaviest totals were found in the Garrett County area and in southern Eastern Shore including the adjacent area of Delaware where some stations reported over 6 inches or more. Snow was

reported on 2 days, the 5th and 16th. The Garrett County area had the only significant snowfall. Oakland reported the largest monthly total of 5 inches, of which 1 inch fell on the 5th and 4 inches on the 16th.

There were up to 5 days with thunderstorms; April's average number is 2. Hail, heavy rainfall, and gusty winds were associated with some of these. Hail was reported on several days; Bel Air, Harford County reported the largest size, hail to golf-ball size on the 9th.

State Climatologist
Room 1123A, Jull Hall
University of Maryland
College Park, MD 20742

REFERENCE NOTES

MARYLAND AND DELAWARE

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 ground in the "Snowfall and Snow on Ground" table is at observation time for all except National 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 directions 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, "Daily Soil Temperatures" table.
- 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 observations 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.

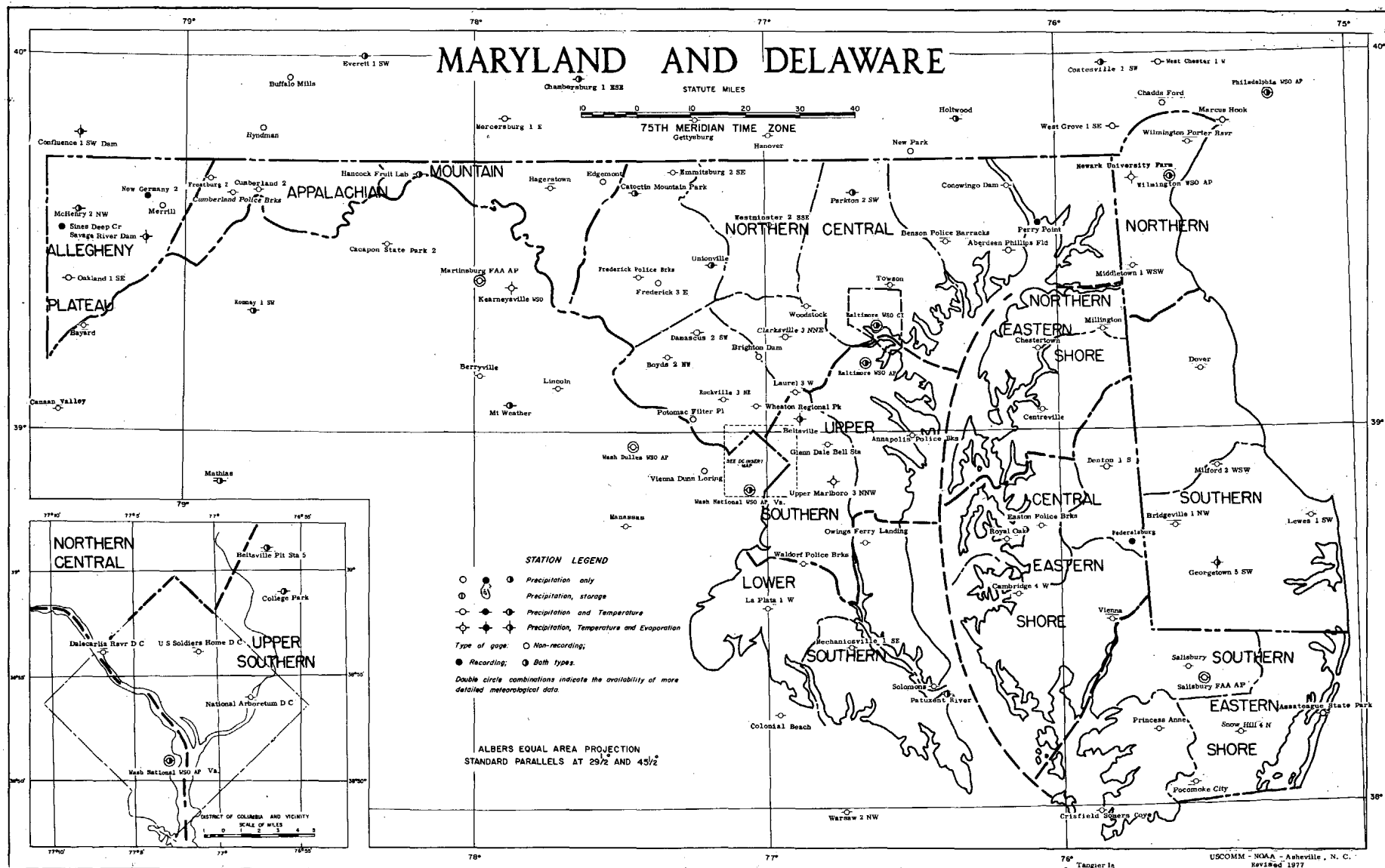
Stations appearing in the tables with no data were either missing or received too late to be included in this issue.

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 these States, price 25 cents. Similar information for regular National Weather Service Offices may be found in the latest annual issue of Local Climatological Data, price 30 cents. Note minimum charge and ordering instructions below.

Subscription Price: \$5.85 per year for each section including annual summary; \$13.00 foreign; 45¢ single copy; \$1.00 foreign; 45¢ annual summary; \$1.00 foreign. There is a minimum charge of \$3.00 for each order of shelf-stocked issues of publications.
Make checks payable to Department of Commerce, NOAA; send payments and orders to: National Climatic Center, Federal Building, Asheville, N.C. 28801.
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