

Climatological Data



MARYLAND AND DELAWARE

TEMPERATURE AND PRECIPITATION EXTREMES

HIGHEST TEMPERATURE:	NATIONAL ARBORETUM D C MD.	98	DATE 30
LOWEST TEMPERATURE:	OAKLAND 1 SE MD.	33	DATE 12
GREATEST TOTAL PRECIPITATION:	ABERDEEN PHILLIPS FLD MD.	6.86	
LEAST TOTAL PRECIPITATION:	PATUXENT RIVER MD.	.93	
GREATEST 1 DAY PRECIPITATION:	MILFORD 2 WSW DEL.	3.02	DATE 26

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			
							01	07	13	19										
BALTIMORE WSO AP MD	27	4.1	8.1	47	NW	29	74	71	40	51	4	2	3	0	2	0	11	73	5.0	
WILMINGTON WSO AP DEL	27	4.0	9.3	33++	23	29+	78	73	48	55	2	2	6	3	0	0	13	-	5.5	

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

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

MARYLAND AND DELAWARE
JUNE 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					
									NO. OR ABOVE	NO. OR BELOW	32° OR BELOW	32° OR BELOW	32° OR BELOW	32° OR BELOW				TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY DATE	TOTAL	MAX. DEPTH ON GROUND	DATE	.10 OR MORE	.50 OR MORE	1.00 OR MORE
MARYLAND																										
* * * SOUTHERN EASTERN SHORE 01																										
ASSATEAGUE STATE PARK	80.4	60.8	70.6		97 29	48 11+	26	203	4	0	0	0	0	0	3.17		1.96 7	.0	0			4	2	1		
CRISFIELD SOMERS COVE	81.1M	63.4M	72.3M	- 2.6	91 15	52 14	3	230	2	0	0	0	0	0	1.99	- 1.24	1.33 7	.0	0			4	1	1		
PRINCESS ANNE	83.6	58.2	70.9		97 29	42 13	22	203	5	0	0	0	0	0	1.39		.67 26	.0	0			4	1	0		
SALISBURY	80.4	59.7M	70.1M	- 3.1	93 29	49 13+	17	173	1	0	0	0	0	0	3.33	- .12	1.20 26	.0	0			3	3	1		
SALISBURY FAA AP	81.7	59.3	70.5		96 29	45 13	24	196	5	0	0	0	0	0	2.62		1.16 26	.0	0			5	6	1		
SNOW HILL 4 N	82.7	59.3	71.0	- 1.0	95 29+	46 13	19	206	5	0	0	0	0	0	3.14	- .71	1.50 26	.0	0			5	2	1		
DIVISION - 1.8																										
* * * CENTRAL EASTERN SHORE 02																										
CAMBRIDGE WTR TRMT PL	85.1	61.9	73.5		96 30+	49 12	4	268	11	0	0	0	0	0	2.11	- 1.30	.73 16	.0	0			6	2	0		
DENTON 1 S	82.3	58.6	70.5	- 2.7	92 29	43 12	18	189	6	0	0	0	0	0	2.07	- 1.51	.80 26	.0	0			5	1	0		
ROYAL OAK 2 SSW	81.1	62.2	71.7		94 29	48 12	7	215	2	0	0	0	0	0	1.27		.37 15	.0	0			4	0	0		
VIENNA		58.4M				44 12									2.14			.0	0							
DIVISION - 1.2																										
* * * LOWER SOUTHERN 03																										
LA PLATA 1 W	80.0	58.6	69.3	- 3.1	93 29	46 9	27	165	3	0	0	0	0	0	1.64	- 1.97	.55 8	.0	0			5	1	0		
MECHANICVILLE 1 SE	84.6M	59.1M	71.9M		97 29	46 12+	11	224	7	0	0	0	0	0	1.38		.61 16	.0	0			5	1	0		
OWINGS FERRY LANDING	80.0	55.8	67.5	- 4.9	95 29	45 9	43	139	0	0	0	0	0	0	1.85	- 1.72	.95 4	.0	0			4	1	0		
PATUXENT RIVER	82.8	63.1	73.0		96 29+	51 8	0	244	5	0	0	0	0	0	1.93		.28 8	.0	0			4	0	0		
SOLOMONS																		.0	0							
DIVISION - 2.4																										
* * * UPPER SOUTHERN 04																										
ANNAPOLIS POLICE BRKS	83.7	61.5	72.6	- 1.1	94 29+	48 9	8	244	7	0	0	0	0	0	1.56	- 1.94	.61 16	.0	0					0		
BALTIMORE WSD AP	83.3	59.3	71.3	- 1.1	95 27	47 9	6	203	5	0	0	0	0	0	3.04	- 1.73	1.18 3	.0	0			5	2	2		
BELTSVILLE	81.6M	55.5M	68.6M		93 30	43 12+	48	170	4	0	0	0	0	0	2.12			.0	0					0		
COLLEGE PARK	82.9	59.1	71.0	- 1.9	96 28	46 12	22	208	8	0	0	0	0	0	3.31	- .67	.85 8	.0	0			6	3	0		
DALECARLIA RESVR D C	84.0	58.7	71.4		95 27	46 9	19	217	7	0	0	0	0	0				.0	0					0		
GLENN DALE BELL STA	83.1	53.2	68.2	- 3.6	95 29	38 9	51	154	6	0	0	0	0	0	2.62	- 1.47	.74 16	.0	0			5	1	0		
LAUREL 3 W	81.2	60.9	71.1		93 29+	50 11	10	199	0	0	0	0	0	0	2.50		.75 15	.0	0			5	3	0		
NATIONAL ARBORETUM D C	82.9	59.8	71.4		98 30	48 12	15	213	5	0	0	0	0	0	2.38		.65 4	.0	0			5	2	0		
UPPER MARLBORO 3 NNW	82.1	56.4	69.3		95 30	43 9	35	167	5	0	0	0	0	0	2.59		.66 4	.0	0			5	2	0		
DIVISION - 1.7																										
* * * NORTHERN EASTERN SHORE 05																										
CENTREVILLE	84.1	56.2	70.2		92 29+	45 13	13	174	4	0	0	0	0	0	3.43		1.22 8	.0	0			5	3	2		
CHESTERTOWN	81.6	57.8	69.7	- 3.2	91 29+	46 11	19	167	4	0	0	0	0	0	4.53	.73	1.98 7	.0	0			4	4	2		
DIVISION - 2.7																										
* * * NORTHERN CENTRAL 06																										
ABERDEEN PHILLIPS FLD	82.0	57.5	69.8		91 15	44 12	31	179	5	0	0	0	0	0	6.86			.0	0					1		
BALTIMORE WSD CI	82.6	64.2	73.4	- 1.7	96 27	52 9	3	261	0	0	0	0	0	0	2.45	- 1.39	1.16 29	.0	0			5	2	3		
BENSON POLICE BARRACKS	83.7	57.3	70.5		96 28	43 12	20	192	0	0	0	0	0	0	6.08		1.95 8	.0	0			5	4	0		
BOYDS 2 NW	80.8M	56.8M	68.8M		91 29+	43 9	31	152	3	0	0	0	0	0	2.48		.77 16	.0	0			6	2	0		
CATOCTIN MOUNTAIN PARK	75.0	56.1	65.6		85 27	41 11	69	93	0	0	0	0	0	0	4.21		1.40 29	.0	0			6	5	2		
CLARKSVILLE 3 NNE	82.1	55.1	68.6		92 29+	42 12+	42	160	5	0	0	0	0	0	2.53		.93 3	.0	0			7	1	0		
CONOWINGO DAM	80.4	54.8	67.6	- 3.2	92 27	42 18	47	131	2	0	0	0	0	0	5.96	2.01	1.21 7	.0	0			10	4	2		
DAMASCUS 2 SW	78.6	56.9	67.8		89 29+	45 12+	42	132	0	0	0	0	0	0	3.46		.80 29	.0	0			7	3	0		
EMMITSBURG 2 SE	81.6	53.3	67.5		93 27	39 12+	55	135	6	0	0	0	0	0	3.52		1.28 29	.0	0			6	2	1		
FREDRICK POLICE BRKS	83.1M	58.1M	70.6M		94 29	46 12+	25	202	5	0	0	0	0	0	2.90		1.00 16	.0	0			6	5	2		
PARKTON 2 SW	77.7	52.8	65.3		89 27	40 11+	81	96	0	0	0	0	0	0	4.26		1.43 7	.0	0			8	2	1		
ROCKVILLE 3 NE	82.4M	51.1M	66.8M		93 29	38 12+	56	115	4	0	0	0	0	0	3.62		1.55 8	.0	0			6	7	2		
TOWSON	83.5M	57.1M	70.3M		93 27	40 12+	20	193	4	0	0	0	0	0	2.65	- .94	.90 29	.0	0			7	2	0		
UNIONVILLE	80.4	52.7	66.6	- 3.2	91 29+	40 12+	61	116	3	0	0	0	0	0	3.46		1.61 8	.0	0			5	5	1		
WESTMINSTER POLICE BRK	81.3	57.5	69.4		90 29+	44 11	35	172	2	0	0	0	0	0	4.38		1.98 8	.0	0			5	3	2		
WOODSTOCK	81.7	55.7	68.7	- 2.0	93 27	43 12	32	150	4	0	0	0	0	0	2.32	- 1.33	.82 29	.0	0			5	1	0		
DIVISION - 2.5																										
* * * APPALACHIAN MOUNTAIN 07																										
CUMBERLAND 2	83.9	54.9	69.4		97 28	42 11+	26	166	6	0	0	0	0	0	2.04		.57 16	.0	0			6	1	0		
FROSTBURG 2	74.1	49.5	61.8		88 29	35 13+	143	52	4	0	0	0	0	0	3.25		.88 16	.0	0			7	2	0		
HAGERSTOWN	80.8	56.9	68.9		92 29+	43 12+	32	156	4	0	0	0	0	0	3.62		.89 16	.0	0			10	2	0		

SEE REFERENCE NOTES FOLLOWING STATION INDEX

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

MARYLAND AND DELAWARE
JUNE 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
HANCOCK FRUIT LAB DIVISION	78.9	51.6	65.3	- 3.7	93 29	37 12	83	99	1	0	0	0	2.94	- .58	.81	8	.0	0	9	1	0
*** ALLEGHENY PLATEAU 08			66.4										2.96	- .58			.0				
MC HENRY 2 NW	72.9	50.9	61.9	- 1.7	85 29	37 11	135	47	0	0	0	0	5.79		1.48	10	.0	0	10	0	0
OAKLAND 1 SE	75.5	49.6	62.6		86 28	33 12	120	54	0	0	0	0	6.66	2.38	1.41	15	.0	0	9	0	0
SAVAGE RIVER DAM	75.4	50.2	62.8		88 29	36 11	114	59	0	0	0	0	4.31		.98	16	.0	0	9	0	0
DIVISION			62.4	- 2.0									5.59	1.36			.0				0

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION

MARYLAND AND DELAWARE
JUNE 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	3.17			.55			1.96			.07						.24										.30				.05		
CRISFIELD SOMERS COVE	1.99			.03			1.33	*	.20	.03						.04	.03										.33					
PRINCESS ANNE	1.39			.07			.02	.31		.03							.17									.67				.12		
SALISBURY	3.33			.62			.18	.42		.04						.29	.30	T								1.20			.32			
SALISBURY FAA AP	2.62		.40			.04	.18	.42		.01						.29	.01									1.16			.10	.01		
SNOW HILL 4 N	3.14			.36	T		.09	.81		.04						.22										1.50			.12			
* * * CENTRAL EASTERN SHORE 02																																
CAMBRIDGE WTR TRMT PL	2.11	.10		.28	T		.15	.57		T						.73	.05									.14	.07		.02	T		
DENTON 1 S	2.07		.34				.03	.32		.07						.23	.28	T								.80			.32			
ROYAL DAK 2 SSW	1.27	T	.10				.17	.01		.10						.37	.15									.05			.10			
VIENNA	2.14		.47					.40																		1.17						
* * * LOWER SOUTHERN 03																																
LA PLATA 1 W	1.64	T	.34			.18	T	.55		.02					.34	.18											.05			.03		
MECHANICSVILLE 1 SE	1.38			.40			.30			.02						.40	.61									T	.05			.46		
OWINGS FERRY LANDING	1.85		.04													.40																
PATUXENT RIVER	1.93	T	.09			.17	.04	.28		T	.02				.16	.01										.11			.05	T		
SOLDOMNS		.03		.03					.38	.02											.08											
* * * UPPER SOUTHERN 04																																
ANNAPOLIS POLICE BRKS	1.56	T	T	*	.50		*	.19		.05					.32	.61													1.12	.21		
BALTIMORE WSD AP	3.04	T	1.18			.10	T	T	.06	.03					.16	.52	.04															
BELTSVILLE	2.12	.06	.77		.19	.10	T	T	.06	.03					.16	.52	.04															
COLLEGE PARK	3.31	.06	T	T	.19	.10	T	T	.06	.03					.16	.52	.04															
DALECARLIA RESVR D C				.58		.02	.24	.01		.13					.30	.17																
GLENN DALE BELL STA	2.62			.38		.35	.40			.23					.03	.74														.49		
LAUREL 3 W	2.50	T	.56		.55	.03	.40		T	.01					.03	.74													.41			
NATIONAL ARBORETUM D C	2.38			.65		.44	.05		.06	.07					.04	.19	.06												.60			
UPPER MARLBORO 3 NW	2.59			.66		.47	.42		.09						.60	.07													.28			
* * * NORTHERN EASTERN SHORE 05																																
CENTREVILLE	3.43			.10		.20	1.22		.06						.60											.06			1.19			
CHESTERTOWN	4.53		.52		T	1.98	.01	.09	.05						T	.72										T	.05	1.11				
* * * NORTHERN CENTRAL 06																																
ABERDEEN PHILLIPS FLD	6.86	.04	T	1.17		*	*	2.04	.27					*	*	2.27												*	*	1.07		
BALTIMORE WSD CI	2.45		.77		.06			1.99	.10	.03					.23	.10													1.16			
BENSON POLICE BARRACKS	6.08	.01	.05	.72					.30	.01					.02	1.00													1.80	.18		
BOYDS 2 NW	2.48		.27	.18		.33			.25						.77														.68			
BRIGHTON DAM	2.68	T	.58		.71	.16	T	.11	.08						.12	.31												.61				
CATOCTIN MOUNTAIN PARK	4.21	.28	.01	1.17		.08	.57		.60	.05					.06	1.07					.05							1.40				
CLARKSVILLE 3 NNE	2.53	.38	.93	.10	.03	.18	.04		.18						T	.39											T	.28	.02			
CONDWINGO DAM	5.96	.06	.03	.93		.27	1.21	.76	.28	.17					.97	.47											.43	1.12	.19			
DAMASCUS 2 SW	3.46	.19	.05	.66		.03	.66	.02	.09	.18					.31	.47												.80				
EMHITSBURG 2 SE	3.52	.27	T		.03	.04	.77	.03	.28						T	.47											T	1.28	.35			
FREDRICK POLICE BRKS	2.90	.06		.63	.05	.05	.35		.26						T	1.00											.07	.48				
FREDRICK 3 E	2.40	.11	.06	.39	.12	.05	.35	.24	.13						.03	.77										.03	.07	.07	.27			
PARKTON 2 SW	4.26	.17	.03	T	T	1.43	.70	.30	.23						.41	.46										.06	.47					
POTOMAC FILTER PLANT	1.36	.02	T	.16		.24		.10	.10						.48	.22											.04	.47				
ROCKVILLE 3 NE	3.62			.31	.06	1.55	.10		.13	.01					.18	1.01											.02	.35				
TOWSON	2.65	.20	.40			.15	.22		.24						.04	.50												.90				
UNIONVILLE	3.46	.04	.46			1.61		.37							.06	.53											.37					
WESTMINSTER POLICE BRK	4.38	.18	.05	T	.05	T	1.98		.62						1.00													.42	.08			
WOODSTOCK	2.32	.05	.47			.12	.07		.37						.04	.38												.82				
* * * APPALACHIAN MOUNTAIN 07																																
CUMBERLAND 2	2.04	.15	.02	.40	T	.12	.08	.17	.45						.57	.02														.06		
EDGEWENT	3.99	.29	.14	.03		.58	.20	.24	.34	.08					T	1.20												.05	.79			
FROSTBURG 2	6.25	.20	.02	.24	.07	.08	.24	.33	.64	.83	.06				T	.88	.01											.02	.23			
HABERSYDWN	3.62	.13	.20	.05		.25	.66	.38	.33						.13	.89												.44	.13			
HANCOCK FRUIT LAB	2.94	.25	.15	.12	.06	.81		.41							.48												.32	.24				
* * * ALLEGHENY PLATEAU 08																																
MC HENRY 2 NW	5.79	.80	.12	.70	.63	.18	.27	.18	1.48	.07					T	1.10	.06										.03	.17				
MERRILL	4.29	.04	.01	.66	.19	.15	.64		1.25	T					T	1.10											.02	.23				
DAKLAND 1 SE	6.66	.92	.52	.42	T	.48	T	.90	.02	1.40					.36	1.41											.06	.17				
SAVAGE RIVER DAM	4.31	.27	.06	.46	.21	.18	.57	.72	T	.82	.04				.12	.98	.07										.04	.07				

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION

MARYLAND AND DELAWARE
JUNE 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 MSW	5.09	.33					.14	1.10		.17						1.45	1															.48	1.42	
NEWARK UNIVERSITY FARM	4.62		.01		.03		.15	.90		.54						.38	.74	T														.27	1.50	
WILMINGTON MSD AP	4.23	T	T	.18		.03	.48	.41	.29	.18						.63	.26														.81	.95	.01	
WILMINGTON PORTER RESVR	3.66			.12		.05	.13	.36	.22	.25						.52	.33														.27	1.40	.01	
* * * * *																																		
SOUTHERN 02																																		
BRIDGEVILLE 1 NW	2.05	.01		.12		T		.50		.01						.49															.60		.32	
DOVER	5.23			.56		T	.34	2.12		.03						.84															.23	.31	.80	
GEORGETOWN 5 SW	2.67	.04		.12			.02	.66		.02	.02					.36	.04														.36	.50	.95	
HILFORD 2 MSW	5.30			.28		T	.41	.85		.04	.02					.26	.09														3.02		.03	.32

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES

MARYLAND AND DELAWARE
JUNE 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	86	87	94	91	75	74	79	88	80	72	71	68	70	78	88	80	72	68	71	79	82	82	80	81	83	74	90	87	97	84	80.4	
	MIN	69	67	66	64	58	57	60	63	49	48	48	49	49	55	62	64	56	55	56	61	61	62	64	65	66	67	68	72	70	74	60.8	
CRISFIELD SOMERS COVE	MAX	85	82	87	85	78	77	85	87		76	73	72	74	78	91	86	76	74	77	78	80	81	83	85	82	78	85	86	90	81.1		
	MIN	70	69	73	62	61	57	65		54	57	59	53	53	52	68	70	58	57	55	62	65	68	69	70	68	68	70	74	77	63.4		
PRINCESS ANNE	MAX	87	87	91	90	77	77	88	88	80	80	76	75	78	81	90	88	75	77	78	76	82	86	87	87	82	79	89	89	97	91	83.6	
	MIN	68	73	65	68	51	47	66	68	50	50	54	43	42	45	58	64	55	46	47	57	55	50	55	63	62	66	68	68	71	71	58.2	
SALISBURY	MAX	81	79	88	88	76	76	85	85	80	71	73	73	74	79	88	88	75	73	74	76	79	83	84	82	79	75	85	85	93	86	80.4	
	MIN	63	55	54	63	55	54	65	66	49	65	66	49	55	55	49	49	51	67	67	53	52	60	58	60	56	58	65	65	67	68	59.7	
SALISBURY FAA AP	MAX	90	86	93	78	79	73	90	86	72	75	74	72	77	82	93	80	76	73	77	77	82	83	86	86	83	76	89	86	96	82	81.7	
	MIN	69	75	69	60	52	51	66	58	47	64	53	48	45	50	65	60	53	49	49	57	60	55	57	65	66	69	70	70	72	65	59.3	
SNOW HILL 4 N	MAX	91	88	95	87	78	76	90	86	79	76	72	72	76	79	90	88	77	73	74	78	83	86	87	84	83	79	88	86	95	85	82.7	
	MIN	67	72	71	64	54	51	65	66	50	54	56	47	46	49	59	65	54	48	50	57	55	54	56	65	63	64	68	68	70	70	59.3	
* * *																																	
CENTRAL EASTERN SHORE 02																																	
CAMBRIDGE WTR TRMT PL	MAX	91	89	90	90	78	77	91	92	83	75	73	74	79	82	96	93	74	77	79	80	84	85	87	87	86	80	94	95	96	96	85.1	
	MIN	64	74	69	69	62	54	65	68	55	58	54	49	50	52	67	67	57	53	53	57	64	57	60	68	69	61	67	72	71	70	61.9	
DENTON 1 S	MAX	90	87	90	77	75	79	90	86	79	73	75	73	80	84	90	70	75	77	80	76	80	85	87	85	89	80	90	89	92	87	82.3	
	MIN	63	71	65	67	50	51	63	64	48	63	64	48	50	47	54	64	64	49	50	57	60	55	58	63	65	60	67	65	71	70	58.6	
ROYAL OAK 2 SSW	MAX	87	86	86	77	78	75	89	86	74	73	73	74	77	82	89	72	74	76	79	76	80	85	86	83	84	78	90	89	94	81	81.1	
	MIN	68	74	69	66	61	55	67	70	53	57	52	48	54	52	65	63	56	53	54	62	63	58	60	70	68	68	69	68	73	71	62.2	
YIENNA	MAX	65		60	62	52	52	62	63					57	44		46	47	63	64	50	64	48	56	56	54	56	63	64	63	65	58.4	
	MIN																																
* * *																																	
LOWER SOUTHERN 03																																	
LA PLATA 1 W	MAX	85	85	83	73	73	74	87	86	74	72	71	72	76	79	89	72	71	75	78	77	77	84	85	85	84	76	90	90	93	85	80.0	
	MIN	63	72	66	58	52	53	67	69	46	58	50	47	48	51	60	62	51	50	51	51	52	54	60	70	66	67	62	65	71	66	58.6	
MECHANICSVILLE 1 SE	MAX	88	87	85	86	78	78	90	87	79	77	78	76	78	83	92	76	76				82	87	90	87	85	80	94	94	97	92	84.6	
	MIN	63	70	70	60	54	52	66	70	46	58	51	46	47	49	61	64	50				48	54	57	67	65	67	62	64	71	65	59.1	
DWINGS FERRY LANDING	MAX	86	84	82	74	63	67	83	85	76	73	67	75	79	83	90	71	67	72	75	81	84	83	81	82	89	86	93	91	95	84	80.0	
	MIN	59	61	61	51	46	48	59	58	45	55	48	53	56	59	61	58	49	51	53	60	54	56	55	63	56	60	64	66	69	56	55.8	
PATUXENT RIVER	MAX	88	87	89	78	76	77	94	85	76	78	72	79	77	81	96	80	73	75	79	77	86	85	85	87	81	77	95	91	96	84	82.8	
	MIN	66	74	70	64	58	59	67	51	54	58	57	58	53	56	67	62	56	57	56	63	60	61	65	72	69	68	68	73	78	72	63.1	
SOLOMONS	MAX	85	88	86	88	79	79				91			75																		94	
	MIN	66	72	72	63	59	59				53			56			56															67	67
* * *																																	
UPPER SOUTHERN 04																																	
ANNAPOLIS POLICE BRKS	MAX	89	87	89	88	79	80	92	91	78	76	71	72	78	82	94	91	75	76	78	79	82	84	85	86	85	82	94	94	91	82	83.7	
	MIN	64	72	71	61	55	56	68	69	48	56	54	49	53	54	65	61	54	54	56	64	59	58	62	69	68	68	65	70	74	69	61.5	
BALTIMORE WSO AP	MAX	89	87	89	77	80	75	93	85	77	72	76	78	82	87	93	70	79	79	80	77	84	87	89	87	85	82	95	91	93	81	83.3	
	MIN	65	70	67	58	53	59	67	56	47	54	53	49	53	54	63	59	52	52	54	62	53	57	63	66	65	62	64	68	67	66	59.3	
BELTSVILLE	MAX	82	89	88	89	76	76		89					70	70		74	76	84	91	70	73	76	78	73	79	85	88	85	85	80	81.6	
	MIN	62	70	67	56	51	51				43			45	43		45	46	55	65	49	45	49	59	50	52	52	57	63	62	61	55.5	
COLLEGE PARK	MAX	86	91	90	89	77	77	75	92	84	76	71	73	75	79	90	92	68	74	78	79	75	81	87	88	88	86	82	96	94	95	82.9	
	MIN	66	64	68	61	55	53	63	68	48	57	49	46	47	50	60	67	52	49	52	63	56	53	58	66	65	65	64	65	73	69	59.1	
DALECARLIA RESVR D C	MAX	90	88	88	85	77	76	91	87	76	76	72	74	78	83	92	90	75	83	80	79	81	86	89	89	86	84	95	94	94	81	84.0	
	MIN	64	71	69	60	51	50	65	73	46	57	47	48	49	47	61	60	50	50	54	53	54	55	60	68	67	66	65	62	73	67	58.7	
GLENN DALE BELL STA	MAX	88	88	86	86	76	75	92	90	80	75	72	73	77	81	89	87	74	75	77	78	80	90	86	86	83	83	92	93	95	86	83.1	
	MIN	60	68	64	53	46	47	68	65	38	54	42	40	43	44	56	43	43	44	46	55	50	48	53	59	60	60	58	59	68	63	53.2	
LAUREL 3 W	MAX	88	87	87	76	79	76	89	81	74	70	73	74	78	83	90	70	74	76	78	74	80	86	87	84	85	83	93	90	93	79	81.2	
	MIN	65	71	66	60	62	58	65	54	54	55	50	55	56	53	65	56	52	54	58	62	57	65	64	68	66	65	68	68	69	66	60.9	
NATIONAL ARBORETUM D C	MAX	83	89	88	88	78	78	76	92	79	77	72	74	75	78	85	92	72	75	78	78	77	82	88	89	89	87	82	95	94	98	82.9	
	MIN	65	69	69	61	58	54	58	72	51	55	50	48	52	51	62	66	49	50	53	59	59	55	59	66	67	66	64	67	71	67	59.8	
UPPER MARLBORO 3 NW	MAX	82	89	87	88	76	77	76	90	83	75	72	74	74	77	85	91	70	76	77	78	76	82	86	87	87	85	80	94	93	95	82.1	
	MIN	61	69	66	60	53	50	57	67	43	55	47	44	46	47	57	65	46	46	49	58	54	51	54	65	63	63	60	62	70	65	56.4	
* * *																																	
NORTHERN EASTERN SHORE 05																																	
CENTREVILLE	MAX	88	88	88	85	78	78	90	86	78	77	78	78	79	87	90	86	79	78	79	76	81	83	84	89	89	88	89	92	92	89	84.1	
	MIN	64	67	70	59	48	51	60	54	53	48	47	46	45</																			

DAILY TEMPERATURES

MARYLAND AND DELAWARE
JUNE 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	86	86	88	88	76	76	90	90	78	71	71	71	76	83	91	86	74	78	76	76	81	83	86	86	83	83	90	90	88	79		
	MIN	62	68	68	58	55	49	66	65	48	52	45	44	45	53	63	59	49	48	52	58	58	55	58	61	62	61	64	66	66	66		
BALTIMORE WSD CI	MAX	90	88	90	78	78	73	93	85	76	72	74	76	78	87	92	72	77	77	78	77	84	86	86	86	86	81	96	88	92	82		
	MIN	70	73	70	64	60	64	69	56	52	56	53	54	58	59	70	60	56	59	61	65	63	65	69	71	72	70	70	73	72	71		
BENSON POLICE BARRACKS	MAX	88	89	88	79	80	79	91	91	79	75	72	75	79	85	89	87	77	77	80	80	82	85	87	87	86	85	91	92	90	86		
	MIN	63	69	68	60	55	51	51	66	45	51	47	43	48	51	63	56	50	49	52	60	58	54	58	62	63	60	66	65	68	66		
BOYDS 2 NW	MAX	86	82	86	74	75	75	89	83	73	73	69	73	78	82	88	85	74	75	78	73	78	84	87	86	84	82	91	91	91			
	MIN	62	65	67	56	51	54	63	67	43	52	46	45	49	50	62	55	49	51	53	57	55	56	60	64	64	60	62	66	63			
CATOCTIN MOUNTAIN PARK	MAX	81	80	80	80	70	70	83	76	67	67	63	67	71	77	79	71	67	70	73	73	73	75	79	79	78	80	85	83	81	73		
	MIN	61	65	68	52	50	54	60	54	45	46	41	46	52	55	64	52	45	54	54	53	52	59	62	62	66	60	65	64	64	59		
CLARKSVILLE 3 NNE	MAX	89	89	88	75	75	75	90	86	76	74	71	73	78	83	91	89	73	77	77	76	80	85	86	86	86	82	92	91	92	78		
	MIN	60	68	65	59	51	50	63	65	43	54	42	42	43	45	56	57	45	45	48	56	55	48	55	61	61	58	59	60	69	69		
CONOWINGO DAM	MAX	88	87	89	76	77	72	90	81	75	69	71	74	79	82	89	69	76	71	76	74	81	83	84	86	85	85	92	86	86	80		
	MIN	60	65	65	61	53	49	61	53	43	49	43	45	46	46	49	55	50	42	50	56	61	53	55	61	63	59	61	61	63	65		
DAMASCUS 2 SW	MAX	86	82	85	74	74	75	87	78	72	67	68	71	76	81	86	68	72	74	79	71	78	82	84	83	83	80	89	89	89	75		
	MIN	64	66	65	55	50	56	62	60	45	52	46	45	48	51	63	55	47	52	53	59	55	57	60	64	64	61	63	63	64	65		
EMMITSBURG 2 SE	MAX	87	85	87	78	77	75	91	90	74	70	70	74	77	84	86	81	74	75	77	78	81	83	85	85	85	86	93	92	90	78		
	MIN	58	65	63	54	48	50	62	64	42	50	39	39	41	45	58	55	44	43	47	57	55	48	52	60	57	53	57	60	67	65		
FREDRICK POLICE BRKS	MAX	88	88	90	86	78	78	90	90	75	75	71	72	77	84	88	87	74	75	79	78	80	84	86	87	86	85	93	93	94	80		
	MIN	64	67	68	58	55	55	63	68	46	52	46	46	48	53	63	56	50	50	55	60	60	56	60	65	65	60	65	67	65			
PARKTON 2 SW	MAX	84	83	86	74	73	70	88	79	70	66	66	70	75	80	85	68	71	72	75	71	78	80	82	83	83	81	89	84	88	76		
	MIN	58	64	64	53	48	48	63	51	40	46	40	41	44	46	57	51	45	45	48	56	49	50	53	59	60	56	62	60	66	61		
ROCKVILLE 3 NE	MAX	89	88	88	76	77	78	90	80	76	73	72	74	79	83	89	82	75	77	80	76	80	86	89	88	85	83	92	92	93	80		
	MIN	58	64	62	53	52	46	60	57	38	50	40	38	39	43	54	54	43	41	45	55	50	46	53	52	58	56	57	63				
TOWSON	MAX				88	84	78	76	89	89	74	74	71	76	82	89	86	75			82	82	84	86	86	90	84	93	92	90	88		
	MIN				74	55	56	57	47	49	46			51	50	51	56	53	50		50	51	59	52	61	65	66	63	66	67	66		
UNIONVILLE	MAX	86	82	88	75	75	76	89	87	74	67	69	72	77	82	87	71	71	75	79	77	80	83	86	84	85	84	91	90	91	78		
	MIN	57	64	63	56	44	50	63	58	41	52	40	40	42	45	56	55	42	44	49	57	47	47	47	58	60	54	58	58	69	66		
WESTMINSTER POLICE BRK	MAX	85	86	87	85	84	73	89	89	73	73	67	70	77	80	86	86	70	74	78	78	78	82	86	85	85	85	89	90	90	78		
	MIN	63	68	67	53	53	55	62	66	45	50	44	48	51	50	68	53	48	50	51	58	55	58	58	63	63	60	66	65	67	66		
WOODSTOCK	MAX	88	85	86	75	76	73	91	89	75	72	72	74	80	85	89	72	77	78	79	75	82	85	87	86	85	82	93	92	90	79		
	MIN	62	67	65	57	53	51	64	65	44	53	44	43	45	47	60	56	46	46	50	57	53	51	53	61	62	59	63	62	66	65		
* * *																																	
APPALACHIAN MOUNTAIN 07																																	
CUMBERLAND 2	MAX	90	81	85	78	80	79	92	85	73	73	72	77	81	89	86	82	79	79	82	81	81	85	89	87	87	90	93	97	95	88		
	MIN	61	65	59	48	52	56	67	51	51	42	42	44	50	52	63	45	48	52	59	51	52	55	59	59	58	58	63	65	64	56		
FROSTBURG 2	MAX	79	80	72	77	67	72	72	83	69	64	60	63	69	72	80	78	62	70	71	75	66	73	78	80	80	79	80	83	88	81		
	MIN	59	59	58	49	45	45	52	65	43	44	35	36	35	45	46	57	40	40	43	49	46	48	48	51	56	54	54	61	65	56		
HAGERSTOWN	MAX	88	78	87	76	78	77	90	82	74	70	69	70	78	85	84	75	75	77	79	74	80	84	86	85	84	85	92	90	92	80		
	MIN	63	67	68	54	53	55	61	63	48	50	43	43	47	51	63	56	49	51	55	58	55	53	57	64	63	59	63	62	69	63		
HANCOCK FRUIT LAB	MAX	82	85	79	85	74	75	73	88	75	73	68	67	72	76	82	83	66	73	75	78	73	78	81	85	83	84	86	88	93	87		
	MIN	56	62	62	54	44	50	58	64	43	50	38	37	40	42	57	57	43	44	44	47	50	47	50	57	55	51	57	58	60	60		
* * *																																	
ALLEGHENY PLATEAU 08																																	
MC HENRY 2 NW	MAX	75	76	68	72	65	74	74	80	64	65	58	62	70	75	80	75	58	68	75	80	64	70	68	83	80	77	83	82	85	80		
	MIN	55	58	58	46	45	47	52	61	40	43	37	40	44	50	55	54	40	42	52	46	46	52	55	58	58	54	56	64	66	52		
OAKLAND 1 SE	MAX	79	71	75	67	73	75	80	79	65	62	64	68	73	79	78	75	70	75	78	77	71	80	84	80	78	81	83	86	82	76		
	MIN	54	61	58	48	38	52	68	56	42	45	34	33	36	41	62	54	36	42	46	49	44	40	46	57	58	47	56	62	68	55		
SAVAGE RIVER DAM	MAX	79	80	74	78	68	76	78	84	69	62	68	64	71	72	81	79	63	73	72	75	68	74	78	81	81	78	82	84	88	83		
	MIN	56	59	59	53	43	47	56	62	44	47	36	37	40	39	50	58	41	44	47	52	47	44	50	52	53	51	54	63	64	58		

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES

MARYLAND AND DELAWARE
JUNE 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	87 64	88 72	89 69	88 60	75 56	76 52	88 62	89 65	75 49	72 55	70 46	72 46	78 47	82 50	88 62	86 59	73 50	75 51	78 57	74 57	80 61	83 56	90 59	85 62	87 65	84 62	91 65	90 65	88 67	83 66	82.1 58.6
NEWARK UNIVERSITY FARM	MAX MIN	86 62	87 69	88 67	86 58	75 56	75 49	87 61	88 64	76 44	73 51	68 42	72 43	79 47	81 49	89 61	70 56	74 47	75 48	78 50	77 55	81 58	84 55	87 55	87 60	88 65	87 65	91 65	92 65	90 66	89 66	82.0 56.4
WILMINGTON WSO AP	MAX MIN	87 62	88 71	88 69	77 56	76 55	74 51	89 65	83 50	73 45	68 52	70 44	73 46	79 49	83 50	88 65	70 56	76 49	73 53	75 51	74 59	81 59	82 55	84 58	87 64	84 66	81 65	92 68	81 66	86 68	80 64	80.1 57.7
WILMGTN PORTER RESVR	MAX MIN	86 63	85 72	86 67	74 63	75 59	71 59	86 63	79 52	71 48	68 52	67 47	72 52	79 58	83 53	86 66	70 55	75 53	73 59	74 53	72 59	79 63	82 59	83 62	86 65	83 67	80 63	90 66	81 67	86 67	79 67	78.7 60.0
* * *																																
SOUTHERN 02																																
BRIDGEVILLE 1 NN	MAX MIN	91 65	87 72	93 69	85 61	78 54	75 50	92 64	89 64	73 48	74 56	77 52	74 45	79 46	83 48	93 64	88 63	76 50	74 49	77 49	77 56	83 56	87 54	88 57	85 63	86 63	78 64	90 67	89 65	95 65	87 68	83.4 58.2
DDVER	MAX MIN	88 66	87 72	91 69	89 61	78 57	77 50	84 64	86 66	88 48	76 55	74 51	72 47	79 49	83 51	90 66	89 62	75 52	75 52	73 51	74 56	82 58	86 59	84 59	86 62	85 66	84 66	91 67	91 65	87 68	81 68	82.8 59.3
GEORGETOWN 5 SH	MAX MIN	86 67	89 73	87 70	92 63	78 55	78 50	74 62	90 65	85 47	72 54	73 52	74 43	73 44	77 47	81 58	91 66	75 52	76 47	75 48	76 51	82 52	87 56	87 66	83 63	85 66	73 67	90 61	86 72	94 69	81.4 58.1	
MILFORD 2 WSW	MAX MIN	91 66	89 72	89 70	86 60	79 51	76 48	90 62	88 65	80 46	70 57	74 51	74 45	79 46	83 48	93 64	89 63	75 50	76 48	77 48	76 57	79 57	86 54	89 57	89 64	88 64	83 63	91 63	89 66	91 72	90 69	83.6 58.2

SEE REFERENCE NOTES FOLLOWING STATION INDEX
9

EVAPORATION AND WIND

MARYLAND AND DELAWARE
JUNE 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	.20	.09	-	.17	.24	.20	*	*	.60	.24	.16	.22	.19	.23	.27	.21	.10	.22	.16	.21	.35	.20	.21	.22	.14	.23	.10	.22	.21	.20		
	WIND	3	1	2	14	33	10	*	*	114	46	21	23	16	17	20	40	43	31	28	48	93	31	12	19	13	36	21	34	25	23		
	MAX	90	99	99	90	90	90	-	-	-	85	76	85	85	92	94	92	73	87	83	85	82	85	94	95	86	89	83	94	95	95		
	MIN	69	70	70	61	59	58	-	-	-	52	54	53	55	58	58	66	54	54	59	61	53	57	60	65	69	68	67	68	69	67		
UPPER MARLBORO 3 NNW	EVAP	.16	.25	.16	.31	.25	.22	.11	.24	.34	.20	.17	.21	.20	.20	.21	.23	.07	.25	.18	.23	.34	.26	.15	.31	.22	.21	.15	.22	.27	.26		
	WIND	27	34	26	25	35	23	23	18	63	50	17	19	11	21	4	29	19	20	12	32	48	21	14	15	22	29	33	20	29	22		
	MAX	86	94	87	88	83	85	75	95	84	80	76	84	85	87	91	91	73	86	84	90	83	86	90	94	86	92	81	94	94	95		
	MIN	66	66	70	62	58	57	58	67	50	49	53	52	54	55	58	65	55	55	57	58	56	55	61	63	68	64	65	70	68	68		
ALLEGHENY PLATEAU 0B																																	
SAVAGE RIVER DAM	EVAP	.18	-	.33	.20	.26	.19	.21	.11	.28	.39	.29	.20	.07	.33	.08	.21	.01	.21	.13	.20	.23	.09	.26	.17	.14	.21	.19	.05	.36	.15		
	WIND	35	25	29	82	75	24	35	47	97	67	65	47	32	28	24	38	54	26	30	49	80	40	28	23	19	32	21	58	18	45		
	MAX	81	88	84	82	79	87	75	85	71	75	70	80	84	86	90	79	67	88	81	84	76	85	90	89	82	85	91	85	90	86		
	MIN	61	61	63	56	44	49	62	60	48	48	44	44	44	48	51	61	48	47	51	56	51	52	51	55	60	59	58	63	66	61		

SEE REFERENCE NOTES FOLLOWING STATION INDEX

EVAPORATION AND WIND

MARYLAND AND DELAWARE
JUNE 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																																		
* * * NORTHERN 01																																		
NEWARK UNIVERSITY FARM	EVAP	.19	.18	.19	.16	.31	.28	.11	.42	.30	.23	.06	.28	.21	.37	.40	.13	.16	.23	.18	.32	.35	.07	.37	.16	.26	.26	.06	.42	.10	-		6.998	
	WIND	.28	.22	.42	.53	.51	.18	.27	.44	.71	.30	.24	.25	.21	.18	.35	.22	.25	.16	.17	.52	.68	.18	.13	.18	.14	.27	.33	.26	.33	.26	.42	919	
	MAX	.91	.91	.89	.87	.84	.84	.92	.86	.82	.78	.78	.83	.86	.88	.89	.78	.85	.85	.86	.88	.84	.88	.92	.92	.93	.93	.91	.91	.91	.93	.93	87.3	
	MIN	.78	.80	.78	.69	.63	.65	.76	.79	.57	.65	.62	.64	.67	.70	.75	.73	.63	.68	.68	.70	.65	.69	.72	.75	.76	.74	.77	.81	.76	.78	71.1		
* * * SOUTHERN 02																																		
GEORGETOWN 5 SW	EVAP	-	.41	.24	.40	.12	-	.09	.42	-	.36	.15	.27	.21	.30	.24	.43	.20	.30	.19	.33	.43	.30	.33	.37	.28	.33	.06	.24	.34	-	8.478		
	WIND	127	107	125	118	108	68	119	122	178	136	56	40	34	42	73	100	71	52	41	82	110	66	46	91	91	72	57	71	64	67	2534		

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

MARYLAND AND DELAWARE
JUNE 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	C	OCMI COMMANDING OFFICER
BELTSVILLE	0700	04	PRN GEORGES		39 02	76 53	120	8A	8A	8A	C	H	U S DEPT OF AGRICULTURE
BENSON POLICE BARRACKS	0732	06	HARFORD		39 30	76 23	365	5P	5P			H	MARYLAND STATE POLICE
BOYDS 2 NW	1032	06	MONTGOMERY		39 13	77 20	580	6P	6P			H	HUNTER F STALEY
BRIGHTON DAM	1125	06	MONTGOMERY		39 12	77 01	330		MID			H	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			H	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			H	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			H	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			H	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			C	WASH SUB SANY COMM
MC HENRY 2 NW	5832	08	GARRETT		39 35	79 22	2680	8A	8A			H	JOSEPH F JOHENNING
MECHANICSVILLE 1 SE	5865	03	ST MARYS		38 26	76 43	160	5P	5P			H	MRS EDITH R BENNETT
MERRILL	5894	08	GARRETT		39 36	79 05	1790		9A			H	DELWOOD E MERRILL
MILLINGTON	5985	05	KENT		39 16	75 51	30	6P	6P			H	INACTIVE 02/29/80
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			H	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	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	GEORGE P VON EIFF JR
UPPER MARLBORO 3 NNW	9070	04	PRN GEORGES		38 52	76 47	98	8A	8A	8A	BA		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			H	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
JUNE 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 U S NATL ARBORETUM	
NATIONAL ARBORETUM D C	6350	04			38 54	76 59	50	8A	8A		H		
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	INACTIVE 05/31/80
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			H	NATL WEATHER SERVICE
WILMGTN PORTER RESVR	9605	01	NEW CASTLE		39 46	75 32	274	MID	MID			H	WATER DEPARTMENT

SEE REFERENCE NOTES FOLLOWING STATION INDEX

NOTE

LATE REPORTS AND CORRECTIONS HAVE USUALLY BEEN PUBLISHED
IN THE JUNE AND DECEMBER ISSUES OF THIS BULLETIN. IN THE
FUTURE, DELAYED AND CORRECTED OBSERVATIONS WILL BE PUBLISHED
ANNUALLY AS A SUPPLEMENTAL BULLETIN.

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.

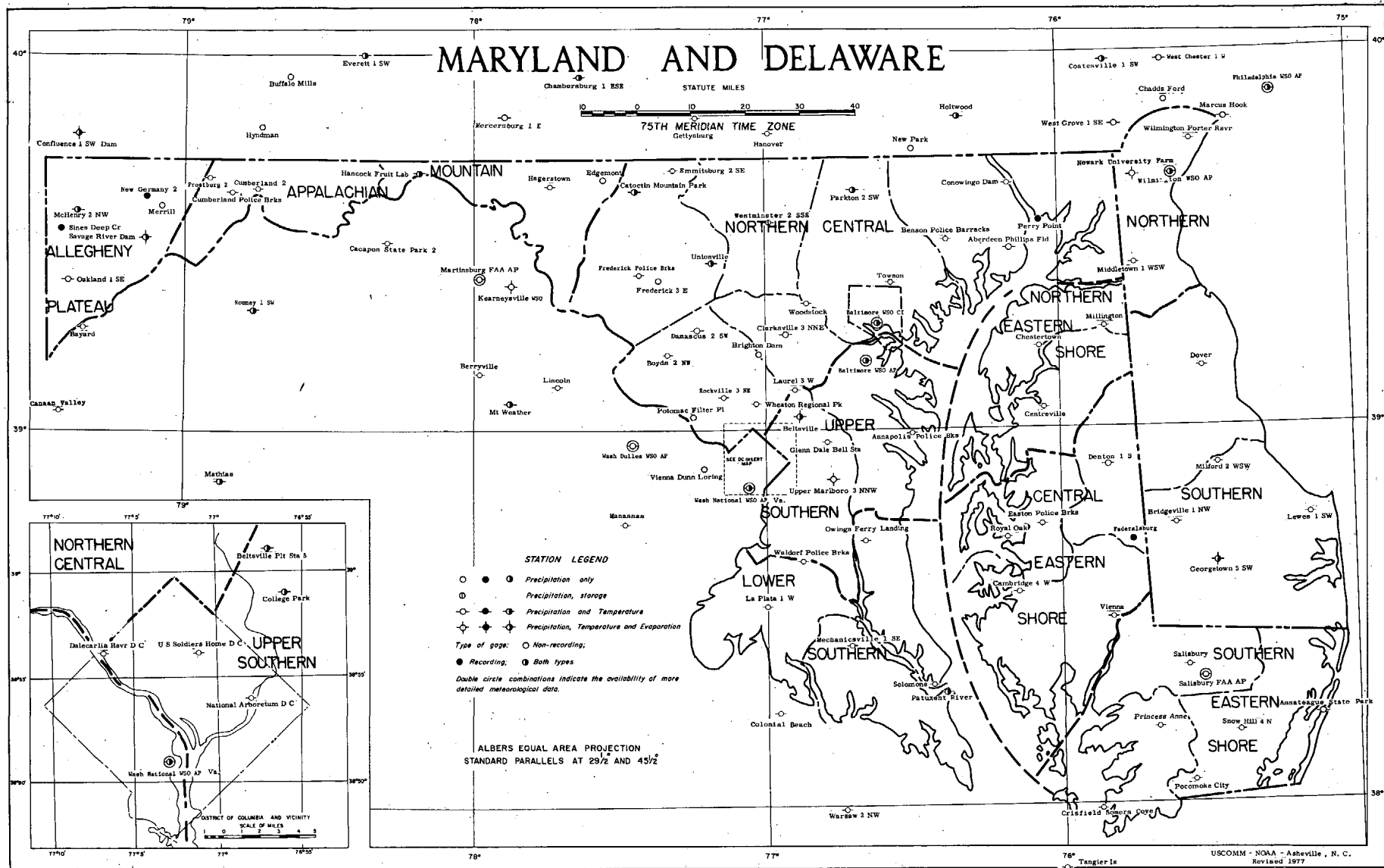
Stations appearing in the tables with no data were either missing or received too late to be included in this issue.

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. ATTN: Publications

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