



Climatological Data

MARYLAND AND DELAWARE

TEMPERATURE AND PRECIPITATION EXTREMES

HIGHEST TEMPERATURE: 2 STATIONS 98 DATE 02+
 LOWEST TEMPERATURE: 2 STATIONS 37 DATE 12
 GREATEST TOTAL PRECIPITATION: VIENNA MD. 10.83
 LEAST TOTAL PRECIPITATION: WHEATON REGIONAL PARK MD. .29
 GREATEST 1 DAY PRECIPITATION: VIENNA MD. 6.50 DATE 10

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	26	1.3	7.1	24	NW	14	81	86	58	67	8	3	2	0	0	0	13	54	6.7
WILMINGTON WSO AP DEL	22	0.8	8.4	21++	6	25	80	81	59	70	6	8	4	0	0	0	18	-	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

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

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

MARYLAND AND DELAWARE
SEPTEMBER 1977

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 DAY DATE	SNOW. SLEET		NO. OF DAYS				
								80° OR ABOVE	67° OR BELOW	50° OR BELOW	32° OR BELOW				TOTAL	TOTAL	MAX. DEPTH ON GROUND	DATE	.10 OR MORE	.50 OR MORE	1.00 OR MORE
MARYLAND																					
SOUTHERN EASTERN SHORE 01																					
ASSATEQUE STATE PARK	80.2	63.5	71.9		92 3	49 30	4	2	0	0	0	0	4.01		2.45	9	.0	0	4	3	1
CRISFIELD SOMERS COVE					94 3	47 30	5	6	0	0	0	0	2.28		1.70	9	.0	0	3	1	1
POCONOKE CITY	83.2	64.3	73.8		92 4	42 30	20	6	0	0	0	0	3.06		1.84	9	.0	0	4	2	1
PRINCESS ANNE	82.9	60.6M	71.8M		91 3	47 30	8	2	0	0	0	0	3.87	.17	2.00	9	.0	0	4	2	1
SALISBURY	81.9	62.2	72.1	2.3	91 3	47 30	20	6	0	0	0	0	3.87		2.00	9	.0	0	4	2	1
SALISBURY FAA AP	82.1	64.2	73.2		94 3	45 30	10	6	0	0	0	0	3.78		2.78	9	.0	0	4	2	1
SNOW HILL 4 N	82.0	60.9	71.5	2.6	93 3	43 12	21	7	0	0	0	0	3.87	.05	2.77	9	.0	0	3	2	1
DIVISION																					
CENTRAL EASTERN SHORE 02																					
CAMBRIDGE 4 W	80.4	63.6	72.0		93 3+	48 30	5	4	0	0	0	0	6.48	3.18		9	.0	0			
DENTON 1 S	82.6	59.9	71.3	2.3	96 3	43 30	16	6	0	0	0	0	3.49	.00	1.03	9	.0	0	6	3	2
EASTON POLICE BARRACKS	82.9M	60.9	71.9M	2.6	94 2+	44 30	4	4	0	0	0	0	3.96	.60	1.22	7	.0	0	6	4	1
ROYAL OAK	82.4	63.9	73.2		94 2	47 12	5	5	0	0	0	0	3.28		1.48	7	.0	0	4	2	2
VIENNA	82.6	62.7M	72.7M		92 3+	48 12	7	6	0	0	0	0	10.83		6.50	10	.0	0	5	3	3
DIVISION																					
LOWER SOUTHERN 03																					
LA PLATA 1 W	81.9M	59.3M	70.6M		93 2	43 30+	24	5	0	0	0	0	2.33		.91	7	.0	0	5	2	0
MECHANICSVILLE 1 SE	81.6M	60.3M	71.0M	2.2	93 1	45 12	12	3	0	0	0	0	1.20	- 2.39	.53	7	.0	0	3	1	0
OWINGS FERRY LANDING	78.7	65.0	71.9		89 2	55 30+	2	0	0	0	0	0	2.59		2.01	9	.0	0	3	1	1
PATUXENT RIVER	83.8M	66.6M	75.2M	3.2	95 2	56 30+	0	0	0	0	0	0	3.07	-.17	1.21	10	.0	0	4	3	1
SOLOMONS																					
WALDORF POLICE BRKS	83.7	61.4	72.6		95 3+	45 12	8	7	0	0	0	0	1.84		.76	20	.0	0	5	2	0
DIVISION																					
UPPER SOUTHERN 04																					
ANNAPOLIS POLICE BRKS	82.5	62.5	72.5	3.6	93 2	49 30+	7	4	0	0	0	0	1.13	- 1.95	.43	5	.0	0	2	0	0
BALTIMORE WSO AP	81.6	62.6	72.1	3.6	95 2	47 12	9	6	0	0	0	0	.62	- 2.50	.26	9	.0	0	2	0	0
BELTSVILLE	81.5	57.8	69.7		95 3	41 12	22	6	0	0	0	0	.61		.20	10	.0	0	4	0	0
BELTSVILLE PLANT STA 5	81.1	59.9	70.5		95 3	44 12	17	5	0	0	0	0	.33		.10	28+	.0	0	3	0	0
COLLEGE PARK	82.1	62.4	72.3	3.6	97 3	46 12	11	6	0	0	0	0	.41	- 2.98	.15	10	.0	0	3	0	0
DALECARLIA RESVR D C	83.1	60.4M	71.8M		95 2	49 12	5	6	0	0	0	0	.70		.29	7	.0	0	2	0	0
GLENN DALE BELL STA	82.9	57.6	70.3	2.5	93 3+	42 29+	23	6	0	0	0	0	2.53	-.79	2.03	5	.0	0	3	1	1
LAUREL 3 W	81.4	62.0	71.7		96 2	52 12	4	4	0	0	0	0	-.32		.15	27	.0	0	2	0	0
NATIONAL ARBORETUM D C	81.8	62.4M	72.1M		95 3	47 12	8	6	0	0	0	0	.45		.15	17	.0	0	2	0	0
U. S. SOLDIERS HOME DC	82.7	64.1	73.4		95 2	53 29+	1	6	0	0	0	0	.45		.13	9	.0	0	1	0	0
UPPER MARLBORO 3 WNW	81.4	59.0	70.2		94 3	43 12	19	4	0	0	0	0	1.14		.40	7	.0	0	5	0	0
DIVISION																					
NORTHERN EASTERN SHORE 05																					
CENTREVILLE	82.9	58.6	70.8		94 2	41 30+	19	6	0	0	0	0	1.15		.59	9	.0	0	3	1	0
CHESTERTOWN	80.7	61.7	71.2	1.8	93 2	48 12	9	6	0	0	0	0	1.21	- 2.10	.60	9	.0	0	3	1	0
MILLINGTON	81.5	60.7	71.1	2.7	93 2	44 12	17	5	0	0	0	0	1.44	- 1.74	.64	8	.0	0	6	1	0
DIVISION																					
NORTHERN CENTRAL 06																					
ABERDEEN PHILLIPS FLD	80.8	61.7	71.3		91 3+	48 30+	12	3	0	0	0	0	.93		.33	17	.0	0	3	0	0
BALTIMORE WSO CI	81.2	66.6	73.9	2.8	98 2	56 29+	0	7	0	0	0	0	2.86	-.39	1.75	6	.0	0	4	2	1
BENSON POLICE BARRACKS	80.7	60.1	70.4		91 19+	45 12	11	2	0	0	0	0	2.54		1.01	7	.0	0	9	1	1
BOYDS 2 NW	80.0	59.7	69.9		92 2	47 12	18	2	0	0	0	0	.72		.23	20	.0	0	4	0	0
CATOCTIN MOUNTAIN PARK	73.3	58.3	65.8		84 2	46 29	63	0	0	0	0	0	2.78		.70	20	.0	0	7	3	0
CLARKSVILLE 3 NNE	82.1	57.1	69.6		95 3+	38 12	30	6	0	0	0	0	.59		.23	20	.0	0	2	0	0
CONDWINGO DAM	78.9	59.3	69.1	2.2	93 2	44 12	27	2	0	0	0	0	4.15	.84	1.16	6	.0	0	7	3	2
DAMASCUS 2 SW	78.1	59.4	69.8		92 2	47 29+	27	2	0	0	0	0	1.02		.37	20	.0	0	4	0	0
EMMITSBURG 2 SE	80.0	57.0	68.5		92 2	39 12	36	1	0	0	0	0	2.23		.58	26	.0	0	6	1	0
FREDRICK POLICE BRKS	81.7	61.6	71.7		94 2	48 12	9	6	0	0	0	0	1.52		.65	25	.0	0	3	2	0
PARKTON 2 SW	77.1	56.5	66.8		91 2	41 12	51	1	0	0	0	0	.87		.25	19	.0	0	3	0	0
ROCKVILLE 3 NE	82.3	54.7M	68.5M		95 2	37 12	35	5	0	0	0	0	.50		.18	28	.0	0	2	0	0
TOWSON	81.2	61.8	71.5		92 6+	52 30+	3	5	0	0	0	0	3.95	.51	1.70	7+	.0	0	4	2	2
UNIONVILLE	78.6	55.0	66.8	1.6	90 2	37 12	55	1	0	0	0	0	1.03	- 1.87	.21	20	.0	0	5	0	0
WESTMINSTER 2 SSE	77.3	59.2	68.3	2.1	89 2	46 29+	32	0	0	0	0	0	1.02	- 2.02	.25	17	.0	0	5	0	0
WHEATON REGIONAL PARK	78.0	60.0M	69.0M		87 2	44 12	21	0	0	0	0	0	.29		.12	16	.0	0	1	0	0
WOODSTOCK	80.0	59.4	69.7	3.4	92 2	43 12	18	2	0	0	0	0	1.08	- 2.59	.53	20	.0	0	3	1	0
DIVISION																					
SEE REFERENCE NOTES FOLLOWING STATION INDEX																					

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

MARYLAND AND DELAWARE
SEPTEMBER 1977

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 DAY DATE	SNOW - SLEET			NO. OF DAYS				
								MAX. 37° OR BELOW	MIN. 37° OR BELOW	MAX. 37° OR BELOW	MIN. 37° OR BELOW				TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY DATE	TOTAL	MAX. DEPTH ON GROUND	DATE	1.00 OR MORE	1.00 OR MORE
DELAWARE																						
NORTHERN 01																						
MIDDLETOWN 1 WSW	81.2M	59.6M	70.4M		93	3+	44	12	20	2	0	0	0	1.76		.50	10	.0	0	6	1	0
NEWARK UNIVERSITY FARM	79.7	60.3	70.0	2.6	90	2+	43	12	16	2	0	0	0	1.38	-1.96	.30	20	.0	0	6	4	0
WILMINGTON WSO AP	77.5	61.1	69.3	1.4	90	2	45	12	31	1	0	0	0	1.29	-2.13	.38	9	.0	0	0	0	0
WILMINGTON PORTER RESVR	76.9	60.1	68.5	1.3	90	2	48	12	38	1	0	0	0	3.85	.51	1.74	19	.0	0	9	2	1
DIVISION			69.6	1.9										2.07	-1.23	.0						
SOUTHERN 02																						
BRIDGEVILLE 1 NW	81.5	61.4	71.5	3.3	92	2	44	30	16	4	0	0	0	5.13	1.67	1.82	9	.0	0	5	4	2
DOVER	82.4	61.9	72.2	2.7	95	2	46	30	15	6	0	0	0	6.50	2.91	3.10	7	.0	0	7	4	2
GEORGETOWN S SW	80.6	61.0	70.8		93	3	43	30+	28	6	0	0	0	6.01		4.04	10	.0	0	6	2	1
LEWES 1 SW	79.4	62.5	71.0		93	2	45	30	11	3	0	0	0	3.21		2.30	9	.0	0	5	1	1
MILFORD 2 WSW	82.5	61.0	71.8		95	2	43	30	16	6	0	0	0	4.19		1.45	10	.0	0	7	3	1
DIVISION			71.5	2.9										5.01	1.45	.0						

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION

MARYLAND AND DELAWARE
SEPTEMBER 1977

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																																			
ASSATEQUE STATE PARK	4.01						.24	2.45	.07					.50		.75																			
CRISFIELD SHERS COVE	3.49							1.70								.69																			
POCOMBE CITY	2.28						.17	1.94						.07		.10																			
PRINCESS ANNE	3.06				.01		.28	1.87	.18					.10		.60							.01												
SALISBURY	3.87						.41	2.00	.66					.03		.75																			
SALISBURY FRA AP	3.78				T	.15	.26	2.78	T					.08		.50						T		T											
SANDY HILL 4 N	3.87						.29	2.77	.05					T	T	.76						T													
* * * CENTRAL EASTERN SHORE 02																																			
CAMPBELL 4 W	6.48					.18	.86			5.01						.30	.01					.12													
DENTON 1 S	3.96					.03	.33		1.02	1.03						.15																			
EASTON POLICE BARBACKS	3.96					T	.85	1.22	.95	.67				T		.15																			
ROYAL OAK	3.28					.06	.08	1.48		1.04	.47			T		.14																			
VIENNA	10.83					.07	3.24		2.24	8.50					.03							.40			.01									.35	
* * * LOWER SOUTHERN 03																																			
LA PLATA 1 W																																			
MECHANICSVILLE 1 SE	2.33					.14	.91	.81		.02				.04		.29						.12													
BAYNES FERRY LANDING	1.20						.53	.39	.02							.26																			
PAULUNT RIVER	2.59					.01	.28		2.01	.01				T	T	.10						T	T		T										
SALOMONS	3.07						.02	.25	.95	1.21	.03			T	.01	.60																			
WALDRF POLICE BRKS	1.84					.15	.19	.10	T							.64																			
* * * UPPER SOUTHERN 04																																			
ANNAPOLIS POLICE BRKS	1.13					.43	.38	.01	.07	.05				.02		.08																			
BALTIMORE WSO AP	.62					.25		.26	T				T	T	T	.02	.01					T	T		T	T									
BELTSVILLE	.81		.12					.20		.10				T	T	.10																			
BELTSVILLE PLANT STA 5																																			
COLLEGE PARK	.41							.19								.11																			
DALECARLIA RESVR D C	.70						.29	.02						.04		.15	.04					.06												.07	
GLENN DALE BELL STA	2.53					2.03		.18	.08					T	T	.10																			
LAUREL 3 W	.32							.11								.06																			
NATIONAL ARBORUM D C	.49						.03	.01	.13						.01	.15																			
U. S. SOLDIERS HOME DC	.45						.03	.13							.08	.04																			
UPPER MARLBORO 3 NNW	1.14			.14			.17	.40		.16						.13						.06													
* * * NORTHERN EASTERN SHORE 05																																			
CENTREVILLE	1.15					T		.29	.59	.18				.04		.04																			
CHESTERTOWN	1.21					T		.80						.01		.08																			
HILLINGTON	1.44						.15	.64	.15					.03		.12						.15		T	.10	.05	T	.04	.21	.02					
* * * NORTHERN CENTRAL 06																																			
ABERDEEN PHILLIPS FLD	.93							.22	.02					T	T	T	.33				.09														
BALTIMORE WSO CI	2.85		.04	.05			1.75	.20								.08	.25																		
BENSON POLICE BARRACKS	2.54						.39	1.01		.13						.19	.05					.15	.17												
BOYD 2 NW	.72							.12								.14																			
BRIGHTON DAM	.30							.04														.04													
CATOCTIN MOUNTAIN PARK	2.78							.10							.20	.02	.06	.05				.70	.02												
CLARKSVILLE 3 NNE	.59		T	T				.03	.03					T	.02	.03	.04	.04						T		T									
CONNINGO DAM	4.15						1.16	.05	.06							.08	.16					.38	.57		1.09	.03	.15	.36	.03	.03					
DRAHNSCUS 2 SW	1.02		T	.02			.02	.07	T					T	T	.02	.10	.04				.18	.37		T	T	.04	.12	.05						
EMMITSBURG 2 SE	2.23						.25	T						T	T	.03	.16																		
FREDRICK POLICE BRKS	1.52							.02								T		.06				.53	T												
FREDRICK 3 E	1.41							.03	.03	.14	T					.03	.14	T				.05	.55												
PARKTON 2 SW	.87						.01	.01	.03							.03	.20					.25	.05		T	T	.01	.02	.09	.17	.03				
POTOMAC FILTER PLANT																																			
ROCKVILLE 3 NE	.50							.07	.02							.12	.06																		
TOBSON	3.95		1.70				1.70	.07	.02							.01	.02					.24		.12											
UNIONVILLE	1.03							.04							.02	.01	.16	.13				.21													
WESTMINSTER 2 SSE	1.02		.05				T	.24		.01						.16	.13					.18													
WHEATON REGIONAL PARK	.26						T		.02	.01						.12	.05	.03																	
WOODSTOCK	1.08							.01	.09						.02	.01	.03	.03				.53		.01	T			.13	.09	.13					
* * * APPALACHIAN MOUNTAIN 07																																			
CUMBERLAND 2	1.21														.01	T	.08	.11				.16													
CUMBERLAND POLICE BRKS	1.72															.09	.25	.10				.15													
EDGEWENT	2.32									.03					T	.07	.01	.17				.30	T												
FROSTBURG 2	2.04									.01	T				T	.01	.05	.14	.50			.16													
HAGERSTOWN	1.61																.13					.34													
HANCOCK FRUIT LAB	1.86																.08																		
WESTERNPORT UPRC																																			
* * * ALLEGHENY PLATEAU 08																																			
MCHEENRY 2 NW	2.95																																		
MERRILL	2.50																																		
OAKLAND 1 SE	2.43																																		
SAVAGE RIVER DAM	3.08																																		

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION

MARYLAND AND DELAWARE
SEPTEMBER 1977

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 USW	1.76								T	.34	.50				.01		.13							.07	.26	.17	.02			.23		
NEWARK UNIVERSITY FARM	1.38	T								.03	.23					T	.14							.06	.04	.24	T	T		.10		
WILMINGTON USB AP	1.29	T				.01	.04			.38	T				T		.18				.17	.04	T	T	.06	.04	.28	.01	.06	.02		
WILMINGTON PORTER RESVR	3.85	.01				.12	.26			.17					T		.11			1.74	.04			.03	.10	.06	.49	.61	.11			
* * *																																
SOUTHERN 02																																
BRIDGEVILLE 1 NW	5.13	.02				.88	.08		.80	1.82	1.28				T		.10							T	.04							
DBVER	8.50					1.12	3.10		.50	.89					T		.05							.25	T	.28	T	.01		.30		
GEORGETOWN 5 SW	6.01					.86	.23			4.04					T		.25	.05					.22			.02			.03	.21		
LEWES 1 SW	3.21					.12	.32			2.30					T		.11								.04			.32				
MILFORD 2 USW	4.18	T				.18	.42		.72	T	.64	1.45			T		.34	T						.37	T	.06	T	T				

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES

MARYLAND AND DELAWARE
SEPTEMBER 1977

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 58	90	92	81	83	84	78	77	73	83	84	76	75	85	75	77	82	85	85	86	84	73	74	78	80	79	78	77	75	74	80.2 63.5	
CRISFIELD SOMERS COVE	MAX MIN						89	79	75			80	76	82		80	79	85				72	73				81	80	73	80	80	
POCOMOKE CITY	MAX MIN	90	92	94	92	92	91	88	76	74	83	82	78	80	86	73	81	79	88	89	87	84	72	75	82	85	87	85	79	75	78	83.2 64.3
PRINCESS ANNE	MAX MIN	90	90	91	92	90	90	89	76	74	82	80	75	79	85	75	82	80	86	87	87	85	76	75	87	84	85	86	79	74	77	82.9 60.6
SALISBURY	MAX MIN	89	90	91	87	89	88	85	75	73	81	80	74	77	89	77	80	87	87	88	87	83	74	75	79	78	79	86	78	75	75	81.9 62.2
SALISBURY FAR AP	MAX MIN	90	92	94	88	93	91	81	77	75	84	75	76	80	85	73	82	82	88	90	86	73	72	73	81	85	86	86	77	72	77	82.1 64.2
SNOW HILL 4 N	MAX MIN	90	92	93	90	92	91	82	75	72	82	80	75	80	85	74	79	81	87	90	85	84	70	73	81	85	84	84	76	72	76	82.0 60.9
CENTRAL EASTERN SHORE 02																																
CAMBRIDGE 4 W	MAX MIN	91	93	93	87	91	88	78	75	71	78	77	72	78	84	75	75	81	86	88	85	73	72	79	79	80	74	83	77	71	77	80.4 63.6
DENTON I S	MAX MIN	93	95	96	89	92	90	86	78	72	84	77	72	81	84	75	77	83	89	91	87	76	73	74	81	84	84	84	77	73	80	82.6 59.9
EASTON POLICE BARRACKS	MAX MIN	94	94	92	89	91	89	88	79	70	82	82	70	80	84	79	78	82	86	87	88	84	78	76	80	78	84	82	79	73	77	82.9 60.9
ROYAL OAK	MAX MIN	93	94	90	89	92	90	85	79	71	83	80	75	81	85	74	79	81	87	89	86	84	72	77	81	80	84	83	78	73	77	82.4 63.9
VIENNA	MAX MIN	90	92	92	90	90	90	89	78	74	84	82	76	80	85	78	79	84	86	88	86	82	73	75	79	82	84	76	73	76	82.6 62.7	
LOWER SOUTHERN 03																																
LA PLATA 1 W	MAX MIN																															
MECHANICSVILLE 1 SE	MAX MIN	92	93	91	89	92	88	87	77	74	84	78	74	80	79	71	78	87	85	90	88	80	70	73	80	76	83				81.9 59.3	
OWINGS FERRY LANDING	MAX MIN	93	91	89	84	86	87	88	79	73	84	78	77	79	76	75	80	85	89	92	84	78	68	79	83	81	79	80	79	74	70	81.6 60.3
PATUXENT RIVER	MAX MIN	83	89	86	80	88	85	76	75	72	82	74	73	80	84	70	78	80	81	86	81	73	69	74	80	77	84	81	74	70	75	78.7 65.0
SOLOMONS	MAX MIN	89	95	92	86	93	90	87	78	76	86	79	76	81	86	75						91	87	84	72		83	85	79	78	83.8 66.6	
WALDORF POLICE BRKS	MAX MIN	95	95	95	86	92	92	90	78	75	86	78	78	82	85	76	77	82	87	90	88	78	78	78	87	78	83	83	81	81	78	83.7 61.4
UPPER SOUTHERN 04																																
ANNAPOLIS POLICE BRKS	MAX MIN	90	93	90	86	88	89	88	83	76	86	85	76	82	83	81	76	85	87	90	86	85	72	71	73	78	84	84	77	74	76	82.5 62.5
BALTIMORE WSO AP	MAX MIN	93	95	90	86	89	92	79	81	71	87	77	77	84	83	67	74	86	91	92	87	75	70	77	79	72	81	84	75	74	80	81.6 62.6
BELTSVILLE	MAX MIN	91	92	95	88	85	86	91	79	79	70	86	78	76	83	81	67	73	85	90	91	86	77	74	77	80	71	80	84	75	74	81.5 57.8
BELTSVILLE PLANT STA 5	MAX MIN	91	93	95	85	86	88	90	79	78	73	86	76	75	82	81	58	73	85	89	90	85	76	74	75	80	70	79	83	74	73	81.1 59.9
COLLEGE PARK	MAX MIN	93	94	97	87	86	89	91	81	79	71	87	76	78	84	83	67	74	86	90	92	87	75	75	77	81	71	80	85	75	73	82.1 62.4
DALECARLIA RESVR D C	MAX MIN	93	95	94	85	90	90	89	80	78	87	85	77	82	82	76	74	85	89	91	89	82	77	77	80	78	79	83	74	73	79	83.1 60.4
GLENN DALE BELL STA	MAX MIN	93	93	93	92	91	89	87	77	78	86	85	76	82	81	79	75	84	88	90	87	83	73	76	80	78	80	83	77	72	78	82.9 57.6
LAUREL 3 W	MAX MIN	93	96	89	87	88	94	80	79	70	85	75	78	84	82	67	74	84	89	92	87	76	71	78	81	72	79	84	75	73	80	81.4 62.0
NATIONAL ARBORETUM D C	MAX MIN	93	92	95	86	85	90	90	80	80	69	86	76	78	84	82	53	59	60	85	85	67	70	62	55	58	62	67	62	63	73	81.8 61.4
U. S. SOLDIERS HOME DC	MAX MIN	94	95	90	86	90	90	87	80	75	87	83	78	86	82	75	73	85	88	91	87	81	76	77	79	77	79	85	72	75	79	82.7 64.1
UPPER MARLBORO 3 NNH	MAX MIN	91	93	94	87	85	88	89	79	78	70	85	76	77	82	81	69	76	85	89	91	88	75	73	77	82	74	81	83	74	73	81.4 59.0

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES

MARYLAND AND DELAWARE
SEPTEMBER 1977

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 EASTERN SHORE 05																																
CENTREVILLE	MAX MIN	93 65	94 69	93 66	91 64	89 61	91 64	87 66	78 59	74 54	85 63	83 53	76 41	81 55	82 58	79 50	78 58	85 67	89 63	90 65	86 65	83 57	71 54	75 52	81 57	76 60	84 59	83 57	78 56	72 50	79 41	82.9 58.6
CHESTERTOWN	MAX MIN	91 69	93 74	88 72	90 63	90 69	90 69	81 67	79 61	73 58	85 66	76 55	76 48	80 61	80 62	69 55	76 60	84 69	88 65	91 69	85 69	73 59	71 58	74 56	78 61	69 60	82 60	82 61	75 56	73 52	79 49	80.7 61.7
HILLINGTON	MAX MIN	92 67	93 69	87 70	88 63	92 69	91 61	86 66	79 59	75 56	84 66	82 56	76 44	80 57	80 69	75 53	80 65	85 69	88 62	90 65	85 67	78 60	68 57	71 54	80 60	71 61	76 61	82 65	78 58	72 47	80 45	81.5 60.7
NORTHERN CENTRAL 06																																
ABERDEEN PHILLIPS FLD	MAX MIN	90 70	91 71	91 71	86 66	87 70	87 67	81 66	78 61	78 60	86 66	85 56	73 48	79 61	79 70	78 51	74 60	84 69	87 64	89 66	87 67	83 60	70 59	70 58	76 62	72 61	79 60	80 58	76 55	71 50	76 48	80.8 61.7
BALTIMORE WSD CI	MAX MIN	91 76	98 76	90 75	86 70	90 76	90 72	78 70	80 68	72 65	89 68	77 62	77 56	84 64	82 68	68 62	74 66	88 70	91 70	93 74	88 73	73 66	68 62	74 64	77 66	68 61	80 61	83 63	74 61	74 56	80 58	81.2 66.6
BENSON POLICE BARRACKS	MAX MIN	88 68	91 66	86 66	84 61	86 65	85 65	78 63	84 60	77 55	82 62	82 53	73 45	82 59	82 52	80 52	72 59	85 67	89 65	91 66	89 69	85 61	69 59	70 58	75 60	72 59	78 58	79 55	75 55	75 50	78 49	80.7 60.1
BOYDS 2 NW	MAX MIN	90 68	92 68	83 66	83 63	87 67	88 65	86 67	77 63	71 57	83 61	82 54	75 47	82 59	79 67	73 54	71 55	83 62	87 56	89 65	86 65	79 56	75 61	75 57	74 59	74 58	77 59	80 59	71 55	69 49	78 51	80.0 59.7
CATOCTIN MOUNTAIN PARK	MAX MIN	83 67	84 69	82 67	78 59	80 67	81 67	73 63	72 59	72 56	76 60	77 51	69 49	77 57	76 61	68 52	64 52	76 63	68 64	79 67	80 64	72 54	66 52	66 56	66 58	66 53	67 54	70 59	60 51	63 46	68 51	73.3 58.3
CLARKSVILLE 3 NNE	MAX MIN	94 67	95 64	95 66	87 58	89 65	91 63	87 65	79 63	76 52	85 62	82 43	78 38	83 57	79 69	77 47	72 55	85 66	90 58	92 59	88 66	82 58	71 52	75 53	76 55	73 62	78 54	82 59	72 51	71 45	79 46	82.1 57.1
CONOWINGO DAM	MAX MIN	90 69	93 68	87 65	86 64	88 67	88 65	80 63	79 58	76 56	85 64	74 53	76 44	81 57	81 60	70 50	75 61	81 66	87 60	87 64	82 63	71 59	68 58	71 56	75 60	64 58	78 58	76 55	72 54	69 50	76 49	78.9 59.3
DAMASCUS 2 SW	MAX MIN	89 67	92 68	84 66	83 59	87 67	88 65	77 65	76 61	70 57	83 59	74 51	75 47	81 59	75 67	67 54	69 55	84 63	87 53	90 66	81 66	73 55	74 52	74 58	73 60	68 60	75 58	79 57	70 55	69 47	77 53	78.1 59.4
EMMITSBURG 2 SE	MAX MIN	88 68	92 65	88 65	84 60	87 61	88 63	80 64	87 61	75 54	85 60	83 49	75 39	82 56	82 67	75 49	68 55	84 64	88 56	88 63	86 65	78 52	73 48	74 53	70 58	55 55	73 56	78 56	71 54	70 42	77 46	80.0 57.0
FREDRICK POLICE BRKS	MAX MIN	91 71	94 71	92 73	85 65	89 68	90 68	89 68	78 65	74 52	85 64	85 57	77 48	88 61	83 68	76 55	71 58	85 65	88 58	92 68	90 69	81 59	74 53	76 59	75 63	72 57	75 63	78 57	71 56	70 42	78 46	81.7 61.6
PARKTON 2 SW	MAX MIN	88 67	91 66	82 67	83 58	86 63	87 64	76 62	76 58	72 53	83 62	73 49	75 41	80 58	77 57	64 48	69 56	82 62	85 60	88 62	81 59	72 56	67 52	70 55	75 57	66 56	73 55	77 55	72 50	69 46	75 47	77.1 56.5
ROCKVILLE 3 NE	MAX MIN	92 64	95 64	93 63	85 58	89 61	92 61	88 64	79 61	79 52	85 63	84 58	80 47	85 64	80 45	76 50	72 57	84 62	89 51	90 45	83 52	83 51	74 45	78 52	75 51	75 49	78 60	80 48	74 49	72 44	80 42	82.3 54.7
TOWSON	MAX MIN	87 70	92 71	91 71	83 64	91 70	92 69	84 65	87 62	73 62	84 60	83 56	75 55	81 63	81 69	77 55	71 61	77 68	87 61	90 61	85 68	81 61	80 60	77 63	75 63	74 60	77 58	79 59	73 56	72 52	78 52	81.2 61.8
UNIONVILLE	MAX MIN	88 65	90 65	89 65	82 57	85 62	87 61	78 64	78 59	74 51	83 59	81 46	74 37	81 56	78 67	73 48	70 52	81 63	85 56	86 58	81 65	76 49	72 46	74 53	73 53	75 56	75 45	70 44	68 48	76 44	76 43	78.6 55.0
WESTMINSTER 2 SSE	MAX MIN	87 57	89 69	85 68	82 60	85 66	85 67	75 64	76 61	73 56	82 64	78 61	73 56	80 59	78 68	73 46	69 55	81 64	85 54	88 67	79 65	75 54	68 52	72 56	72 57	68 57	74 56	75 51	70 52	67 46	75 51	77.3 59.2
WHEATON REGIONAL PARK	MAX MIN	84 67	87 68	85 67	81 64	83 65	84 65	82 67	73 63	73 58	81 67	78 63	71 58	85 62	80 54	80 44	78 54	77 65	82 61	83 63	80 63	79 59	70 51	72 57	74 60	74 63	73 62	75 57	75 58	69 52	72 48	78.0 60.0
WOODSTOCK	MAX MIN	90 70	92 68	86 68	85 61	87 66	88 65	78 67	79 61	73 55	84 63	81 52	77 43	82 58	78 68	73 52	72 57	85 66	89 61	88 63	87 67	78 58	70 54	76 55	75 56	61 59	77 54	80 54	72 55	70 48	78 48	80.0 59.4
APPALACHIAN MOUNTAIN 07																																
CUMBERLAND 2	MAX MIN	98 67	95 67	86 62	89 63	90 65	89 65	82 65	79 59	76 59	86 60	81 43	81 45	90 61	80 55	76 56	68 56	87 60	91 62	88 65	84 60	77 58	71 55	83 55	79 57	70 58	81 56	78 52	70 47	74 47	82 50	82.0 57.7
CUMBERLAND POLICE BRKS	MAX MIN	92 61	93 62	90 63	84 57	86 56	87 62	85 59	74 58	75 57	82 60	81 49	77 41	88 57	87 65	75 50	65 52	83 60	87 58	86 63	84 64	76 56	69 56	76 51	77 55	68 61	77 57	78 50	68 48	71 44	77 46	79.9 56.5
FROSTBURG 2	MAX MIN	84 61	87 62	85 63	78 57	79 56	80 62	80 59	65 58	69 57	66 55	74 49	66 43	72 42	80 56	69 47	53 49	64 51	76 62	78 61	79 62	70 52	62 52	62 50	71 49	61 53	66 51	70 52	69 48	60 45	64 43	71.3 53.6
HADERSTOWN	MAX MIN	89 66	91 68	90 68	87 62	86 65	88 65	77 64	78 63	75 58	85 63	79 54	75 45	82 47	78 66	74 53	70 58	85 64	89 62	88 64	84 66	83 56	72 50	75 57	74 59	70 55	79 60	76 60	70 52	70 49	76 50	79.8 59.0
HANCOCK FRUIT LAB	MAX MIN	85 67	85 67	89 65	79 60	79 62	82 64	84 63	72 55	75 54	72 63	81 49	71 41	75 59	83 66	74 50	61 53	70 61	82 58	85 60	84 65	78 51	69 52	69 55	74 56	69 59	61 58	75 51	74 51	67 42	68 48	75.7 57.2
WESTERNPORT UPRC	MAX MIN																															
ALLEGHENY PLATEAU 08																																
MCHENRY 2 NW	MAX MIN	82 62	85 63	84 59	84 56	80 58	78 61	75 57	74 59	66 55	70 56	71 44	62 44	70 56	76 59	65 47	58 48	67 55	73 57	77 57	77 59	68 51	57 50	64 50	71 50	70 57	73 54	67 52	65 48	55 42	63 42	70.9 53.5
OAKLAND 1 SE	MAX MIN	86 55	85 57	78 57	81 52	79 59	80 60	75 58	67 59	71 56	74 52	66 41	72 43	77 55	70 55	64 46	71 51	76 61	77 54	78 57	72 59	62 51	66 46	73 43	62 47	65 57	75 49	67 49	60 44	65 39	72 39	72.8 51.9
SAVAGE RIVER DAM	MAX MIN	88 58	91 59	83 60	79 60	84 59	83 60	83 62	70 62	71 56	71 62	76 48	67 41	74 41	81 56	71 49	57 51	66 61	77 56	80 56	81 62	73 56	65 52	63 49	74 50	72 53	69 55	72 50	71 49	62 44	68 44	74.1 53.5

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES

MARYLAND AND DELAWARE
SEPTEMBER 1977

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	89 68	93 67	93 70	87 62	86 68	89 64	81 66	79 59	78 57	82 65	82 54	74 44	80 56	81 68	80 48	78 59	82 68	89 61	89 67	82 60	69 58	72 52	78 60	76 60	82 59	80 58	77 56	70 48	78 47	81.2 59.6	
NEWARK UNIVERSITY FARM	MAX MIN	90 68	90 69	89 70	84 63	85 68	89 65	78 65	78 58	78 56	82 65	82 55	74 43	81 57	79 69	74 49	75 60	82 68	86 63	87 65	88 67	80 60	69 58	70 57	75 60	70 59	80 58	77 56	72 56	71 50	77 52	79.7 60.3
WILMINGTON WSD RP	MAX MIN	86 72	90 70	87 72	82 64	83 69	88 68	77 66	77 60	75 62	83 65	73 52	74 45	81 59	80 60	69 49	75 62	81 69	85 65	86 66	82 62	69 59	64 59	68 58	74 61	62 59	81 60	78 61	73 55	70 50	73 53	77.5 61.1
WILMINGTON PORTER RESVR	MAX MIN	87 70	90 71	85 71	83 64	84 69	87 67	75 62	77 60	72 59	82 65	71 50	74 48	79 61	78 62	67 50	74 60	80 68	85 64	89 67	80 61	70 56	64 56	67 56	72 58	61 55	81 55	75 59	73 55	69 51	75 53	76.9 60.1
SOUTHERN 02																																
BRIDGEVILLE 1 NW	MAX MIN	90 66	92 69	91 70	88 67	87 68	87 70	81 67	76 63	73 61	82 66	80 56	75 45	78 55	85 67	77 55	79 58	83 69	87 63	90 69	85 67	80 62	70 55	74 54	80 59	79 66	83 65	84 58	78 58	72 50	78 44	81.5 61.4
DOVER	MAX MIN	91 71	95 71	93 74	89 67	86 69	90 68	89 65	79 63	75 65	83 67	83 58	75 48	80 58	81 68	80 57	77 60	82 59	87 62	94 65	92 68	84 60	65 53	71 57	79 62	77 65	84 62	82 60	79 57	75 52	76 46	82.4 61.9
GEORGETOWN 5 SW	MAX MIN	92 64	91 69	93 71	90 66	85 68	91 70	89 67	77 63	75 64	72 67	81 55	73 43	74 54	79 64	83 53	68 56	80 65	83 65	87 70	90 54	83 62	68 54	70 53	74 57	80 66	79 66	83 57	84 58	74 51	70 43	80.6 61.0
LEWES 1 SW	MAX MIN	88 68	93 60	89 71	79 69	87 68	90 70	75 67	74 66	72 66	82 68	73 55	70 56	80 55	85 68	69 62	77 57	85 67	87 64	90 69	85 68	70 61	70 60	72 57	79 62	74 67	84 67	83 58	73 56	74 49	74 45	79.4 62.5
MILFORD 2 WSW	MAX MIN	91 65	95 70	93 69	90 68	89 68	90 70	88 66	76 62	73 66	82 65	80 54	74 44	80 55	85 62	78 56	80 57	83 66	87 64	90 70	88 68	83 61	71 55	73 53	80 60	77 64	84 65	83 57	79 57	72 49	82 43	82.5 61.0

SEE REFERENCE NOTES FOLLOWING STATION INDEX

EVAPORATION AND WIND

MARYLAND AND DELAWARE
SEPTEMBER 1977

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	-.24	-.12	-	-	-	-.17	.04	-.28	-.12	-.25	-	-	-.20	-.21	-.17	-.14	-	-	-.25	-.26	-.19	-.18	-.05	-.30	-	-.13	-.06	-.16	-.00	-.29		
	WIND	23	19	23	13	14	13	21	29	44	27	24	3	30	115	30	14	19	19	26	32	23	13	19	31	26	51	39	26	34	14		
	MAX	94	94	97	89	91	92	92	86	83	71	88	86	82	89	80	68	67	89	90	93	86	80	75	76	80	80	90	78	79	81		
	MIN	73	74	76	72	73	71	71	68	63	63	60	55	55	61	60	59	62	63	62	69	66	59	58	62	64	63	50	60	52	52		
UPPER MARLBORO 3 NNW	EVAP	-.16	-.18	-.21	-.14	-.15	-.14	-.19	-.14	-.12	-	-.15	-.20	-.14	-.24	-.10	-.05	-.02	-.12	-.16	-.17	-.17	-.08	-.06	-.08	-.07	-.07	-.08	-.10	-.14	-.16		
	WIND	13	*	*	36	9	9	14	17	18	36	15	23	11	61	21	5	7	7	10	11	11	7	5	14	9	32	15	11	24	18		
	MAX	92	96	97	89	90	89	93	83	82	68	87	83	81	86	80	68	74	88	92	92	88	77	73	77	81	77	80	78	78	78		
	MIN	72	71	72	70	70	69	69	67	63	63	59	52	52	60	59	59	61	66	66	67	62	58	58	60	60	64	59	57	49	49		
ALLEGHENY PLATEAU 06																																	
SAVAGE RIVER DAM	EVAP	-.20	-.19	-.22	-.13	-.14	-.09	-.12	-.09	-.05	-.11	-.32	-.04	-.13	-.14	-.03	-.21	-.00	-.01	-.12	-.20	-.07	-.05	-.10	-.19	-.21	-	-.10	-.07	-.05	-.04		
	WIND	41	32	35	36	22	16	37	23	34	36	86	69	18	36	57	39	18	22	37	27	46	45	19	22	25	37	26	34	60	31		
	MAX	88	87	83	79	89	80	82	72	73	73	78	68	73	81	72	57	64	79	81	80	75	66	73	75	72	70	71	68	61	70		
	MIN	66	65	66	65	64	62	66	64	60	59	52	41	45	59	55	53	54	61	62	64	54	55	54	54	58	62	55	52	48	49		

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

MARYLAND AND DELAWARE
SEPTEMBER 1977

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	R 0465	04	ANNE ARUNDEL		3 39 11	76 40	196	MID	MID		C	HJ	NATL WEATHER SERVICE
BALTIMORE WSO CI	* 0470	06	BALTO CITY		3 39 17	76 37	91	MID	MID		C	C	OCMI COMMANDING OFFICER
BELTSVILLE	0700	04	PRN. GEORGES		5 39 02	76 53	120	8A	8A		8A	C	U S DEPT OF AGRICULTURE
BELTSVILLE PLANT STA 5	0705	04	PRN. GEORGES		5 39 01	76 57	100	9A	9A		C		US DEPT OF AGRICULTURE
BENSON POLICE BARRACKS	0732	06	HARFORD		1 39 30	76 23	365	5P	5P				MD. 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 4 W	1385	02	DORCHESTER		1 38 34	76 09	5	6P	6P			H	D ARCY MC B. HARDING
CATOCTIN MOUNTAIN PARK	1530	06	FREDERICK		5 39 39	77 29	1610	4P	4P		C	H	CATOCTIN MOUNTAIN PARK
CENTREVILLE	1627	05	QUEEN ANNES		1 39 03	76 03	46	6P	6P			H	MARION G. LEIBY
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	H	UNIVERSITY OF MARYLAND
CONOWINGO DAM	2060	06	HARFORD		6 39 39	76 10	40	MID	MID			H	SUSQUEHANNA ELETRIC 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
CUMBERLAND POLICE BRKS	2285	07	ALLEGANY		5 39 38	78 50	970	5P	5P				MD. STATE POLICE
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
EASTON POLICE BARRACKS	2700	02	TALBOT		1 38 45	76 04	40	5P	5P				MARYLAND STATE POLICE
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	FREDRICK		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	PLANT INTRO. GARDEN
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	H	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	H	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	5985	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	H	JOHN R. FOX
PATUXENT RIVER	6915	03	ST MARY'S		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	FLIGHT SERVICE STATION
SAVAGE RIVER DAM	8065	08	GARRETT		5 39 31	79 08	1495	8A	8A		8A	C	U S CORPS OF ENGINEERS
SINES DEEP CREEK	8315	08	GARRETT		7 39 32	79 25	2040				C		PA. ELECTRIC CO.
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	H	G. P. VON EIFF, JR.
UPPER MARLBORO 3 NNW	9070	04	PRN. GEORGES		4 38 52	76 47	98	8A	8A		8A	H	TOBACCO EXP. FARM
VIENNA	9140	02	DORCHESTER		1 38 29	75 50	12	6P	6P			H	DELMARVA POWER & LIGHT
WALDORF POLICE BRKS	9195	03	CHARLES		5 38 39	76 53	210	5P	5P			H	MD. STATE POLICE
WESTERNPORT UPRC	9409	07	ALLEGANY		5 39 29	79 03	950	6P	6P			H	UPPER POTOMAC RIVER COM
WESTMINSTER 2 SSE	9435	06	CARROLL		1 39 33	76 59	860	7P	7A			H	LARRY A MYERS
WHEATON REGIONAL PARK	9502	06	MONTGOMERY		5 39 04	77 02	330	5P	5P				PARK & PLANNING COMM.
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
SEPTEMBER 1977

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		5	38 56	77 07	146	5P	5P			CORPS OF ENGINEERS U.S. NAT. ARBORETUM U.S. SOLDIERS HOME
NATIONAL ARBORETUM D C	6350	04		5	38 54	76 58	50	8A	8A		H	
U. S. SOLDIERS HOME DC	9035	04		5	38 56	77 01	230	6P	6P			
DELAWARE												
BRIDGEVILLE 1 NW	1330	02	SUSSEX	1	38 45	75 37	50	5P	5P			WILLIAM M RAY STATE HIGHWAY DEPT. UNIV OF DEL SUBSTATION FREDERICK D. VOGL PIONEER HIBRED CORN CO. MRS BERNARD FRANKEL UNIV. OF DELAWARE NATL WEATHER SERVICE WATER DEPARTMENT
DOVER	2730	02	KENT	2	39 09	75 31	30	5P	5P		H	
GEORGETOWN 5 SW	3570	02	SUSSEX	1	38 38	75 27	45	8A	8A	8AC	H	
LEWES 1 SW	5320	02	SUSSEX	2	38 46	75 09	20	6P	MID		H	
MIDDLETOWN 1 WSW	5852	01	NEW CASTLE	2	39 26	75 45	60	4P	4P		H	
MILFORD 2 WSW	5915	02	SUSSEX	2	38 54	75 28	30	5P	5P		H	
NEWARK UNIVERSITY FARM	6410	01	NEW CASTLE	2	39 40	75 44	90	5P	5P	5P	H	
WILMINGTON WSO AP	9595	01	NEW CASTLE	2	39 40	75 36	79	MID	MID		C HJ	
WILMGTN PORTER RESVR	9605	01	NEW CASTLE	2	39 46	75 32	274	MID	MID		H	

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:

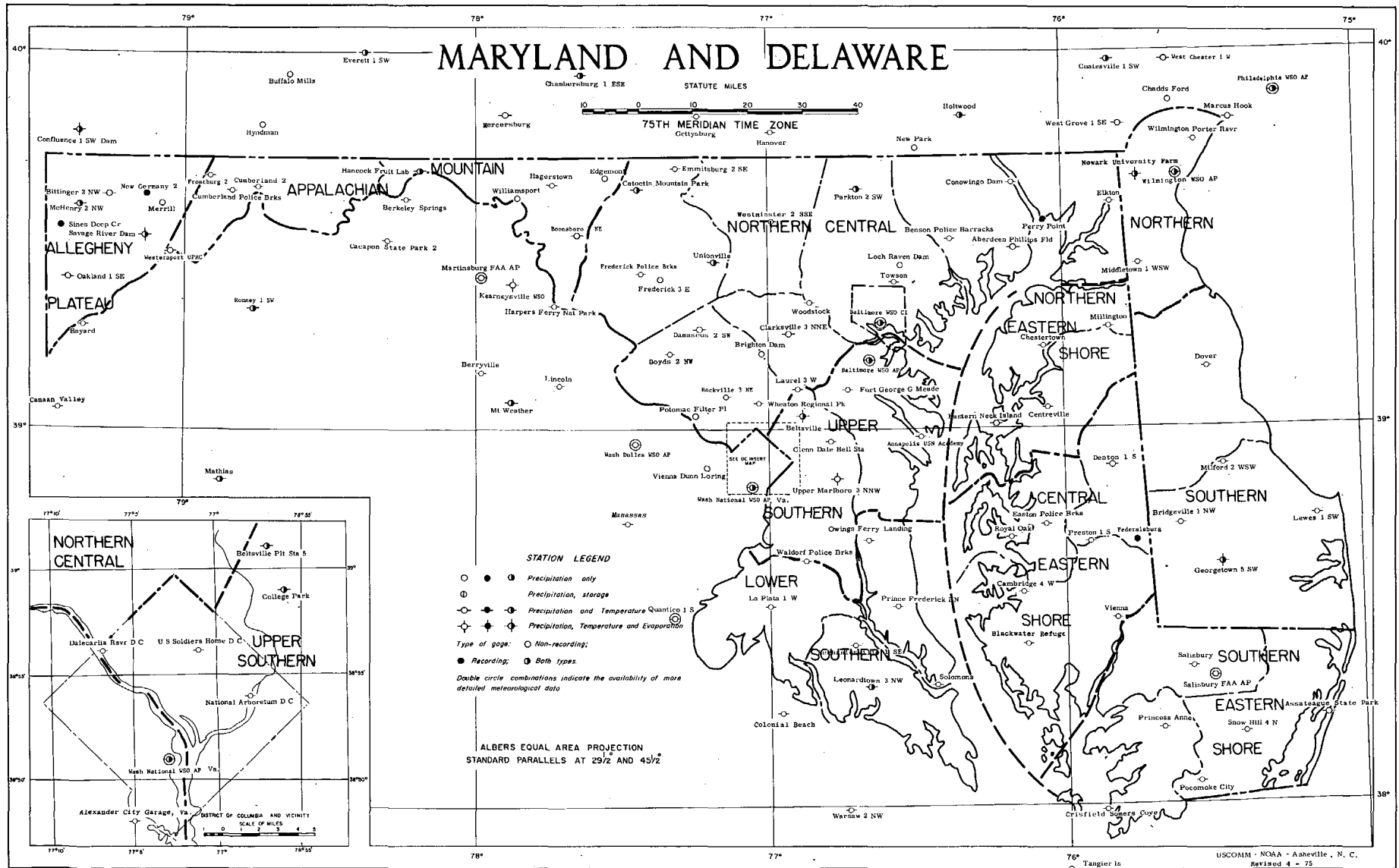
- AR This entry in time of observation column in Station Index means after rain.
- C Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in the "Hourly Precipitation Data" bulletin. If daily amounts are published in "Climatological Data" 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-PATAPSCO 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 "Sub-station 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.



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