

Climatological Data



MARYLAND AND DELAWARE

TEMPERATURE AND PRECIPITATION EXTREMES

HIGHEST TEMPERATURE:	2 STATIONS		103	DATE 17+
LOWEST TEMPERATURE:	OAKLAND 1 SE	MD.	43	DATE 07
GREATEST TOTAL PRECIPITATION:	SOLOMONS	MD.	7.22	
LEAST TOTAL PRECIPITATION:	ASSATEAGUE STATE PARK	MD.	1.30	
GREATEST 1 DAY PRECIPITATION:	SOLOMONS	MD.	4.68	DATE 23

SUPPLEMENTAL DATA

	WIND (SPEED - M.P.H.)						RELATIVE HUMIDITY AVERAGES- PERCENT				NUMBER OF DAYS WITH PRECIPITATION						PERCENT OF POSSIBLE SUNSHINE	AVERAGE (TENTHS) SKY COVER SUNRISE TO SUNSET	
	RESULTANT DIRECTION	RESULTANT SPEED	AVERAGE	FASTEST MILE	DIRECTION OF FASTEST MILE	DATE OF FASTEST MILE	STANDARD OF TIME				TRACE	.01-.09	.10-.49	.50-.99	1.00-1.99	2.00 AND OVER			TOTAL
							EASTERN												
BALTIMORE WSO AP MD	24	3.7	7.4	34	NW	22+	01	07	13	19	3	5	3	1	1	0	13	72	4.0
WILMINGTON WSO AP DEL	24	3.0	8.4	32++	32	16	78	76	51	59	1	3	4	1	1	0	10	-	4.7

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DIRECTOR
NATIONAL CLIMATIC CENTER



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
JULY
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	TOTAL	MAX. DEPTH ON GROUND	DATE	1.00 OR MORE	.50 OR MORE	1.00 OR MORE
MARYLAND																						
* * * SOUTHERN EASTERN SHORE 01																						
ASSATEGUE STATE PARK	84.2	66.7	75.5		94 20+	60 7	0	334	6	0	0	0	1.30		1.17 23	.0	0	0	1	1	1	
CRISFIELD SOMERS COVE	88.2M	71.2M	79.7M	.4	99 17	62 8+	0	460	10	0	0	0	3.88	-.32	3.09 23	.0	0	0	4	1	1	
PRINCESS ANNE	89.9	66.2	78.1		97 22+	47 7	0	409	14	0	0	0	2.54		1.40 23	.0	0	0	6	1	1	
SALISBURY	86.6	67.3	77.0	.3	93 21+	54 7	0	378	9	0	0	0	1.88	-2.01	1.04 23	.0	0	0	5	1	1	
SALISBURY FAA AP	89.2	67.7	78.5		98 21+	53 7	0	423	14	0	0	0	1.94		1.52 23	.0	0	0	4	1	1	
SNOW HILL 4 N	88.5	65.1	76.8	.5	98 20	49 7	0	374	12	0	0	0	2.51	-1.86	1.64 23	.0	0	0	4	1	1	
DIVISION			77.6	.6									2.34	-1.81		.0						
* * * CENTRAL EASTERN SHORE 02																						
CAMBRIDGE HTR TRMT PL DENTON 1 S	91.3	70.4	80.9		101 20	62 7	0	500	22	0	0	0	5.68	.94	2.97 23	.0	0	0	6	2	2	
ROYAL OAK 2 SSW	88.6	69.9	79.3		98 16	52 7	0	451	12	0	0	0	4.34		2.50 23	.0	0	0	6	3	1	
VIENNA		66.2M				56 14										.0	0	0				
DIVISION			80.1	3.0									5.01	.37		.0						
* * * LOWER SOUTHERN 03																						
LA PLATA 1 W	86.7M	66.9M	76.8M	.4	97 16	53 7	0	373	8	0	0	0	3.84	-.64	1.08 17	.0	0	0	7	4	1	
MECHANICSVILLE 1 SE	92.5	66.0	79.3		103 16	51 7	0	450	23	0	0	0	3.11		1.06 23	.0	0	0	6	2	0	
OWINGS FERRY LANDING	89.5	63.6	76.3	.1	101 16	52 6	0	367	15	0	0	0	2.69	-1.30	78 17	.0	0	0	0	0	0	
PATUXENT RIVER	89.9	70.5	80.2		103 17	55 14+	0	477	17	0	0	0	4.70		2.33 22	.0	0	0	6	3	1	
SOLOMONS					100 17	62 7							7.22	1.96	4.68 23	.0	0	0	6	2	2	
DIVISION			78.2	1.3									4.31	-.27		.0						
* * * UPPER SOUTHERN 04																						
ANNAPOLIS POLICE BRKS	90.0	69.3	79.7	3.0	100 20	58 7	0	460	16	0	0	0	3.18	-.70	.95 3	.0	0	0	6	3	0	
BALTIMORE WSD AP	88.2	67.1	78.2	1.6	102 16	53 7	0	415	14	0	0	0	3.25	-.82	1.26 22	.0	0	0	5	2	2	
BELTSVILLE	89.0	65.6	76.8		99 17	51 7	0	373	13	0	0	0	7.02		1.69 10	.0	0	0	9	7	2	
COLLEGE PARK	89.3	68.8	79.1	2.2	102 17	54 7	0	444	16	0	0	0	6.60	2.56	1.61 23	.0	0	0	9	5	3	
DALECARLIA RESVR D C	91.0	67.0	79.0		102 16	55 7	0	442	19	0	0	0	3.32		.79 22	.0	0	0	2	0	0	
GLENN DALE BELL STA	89.8	61.6	75.7	.1	99 16	46 7	0	340	17	0	0	0	5.54	1.04	1.20 18	.0	0	0	8	6	2	
LAUREL 3 W	89.7	68.9	79.3		101 16	59 7	0	452	17	0	0	0	2.32		1.00 21	.0	0	0	6	3	0	
NATIONAL ARBORETUM D C	89.4	68.0	78.7		101 17	55 7	0	433	16	0	0	0	6.19		1.66 23	.0	0	0	0	0	2	
UPPER MARLBOR 3 NNW	88.8	65.5	77.2		100 17	51 7	0	382	16	0	0	0	3.98		.76 22	.0	0	0	9	4	0	
DIVISION			78.2	1.8									4.67	.60		.0						
* * * NORTHERN EASTERN SHORE 05																						
CENTREVILLE	90.2	65.5	77.9		99 16	50 7	0	404	14	0	0	0	5.31		3.30 23	.0	0	0	5	2	1	
CHESTERTOWN	87.9	67.3	77.6	.3	97 21+	52 7	0	399	11	0	0	0	3.08	-1.13	.92 3	.0	0	0	5	3	0	
DIVISION			77.8	.8									4.20	.11		.0						
* * * NORTHERN CENTRAL 06																						
ABERDEEN PHILLIPS FLD	89.5	67.1	78.3		98 22+	51 7	0	420	12	0	0	0	2.28		1.17 23	.0	0	0	5	1	1	
BALTIMORE WSD CI	90.4	72.5	81.5	2.1	102 21+	53 7	0	514	19	0	0	0	4.71	.59	2.13 29	.0	0	0	5	3	2	
BENSON POLICE BARRACKS	90.9	66.5	78.7		100 21+	53 7	0	435	18	0	0	0	6.78		2.35 29	.0	0	0	6	4	3	
BOYDS 2 NW	88.2	65.6	76.9		99 20	54 7	0	376	11	0	0	0	3.36		1.23 22	.0	0	0	8	5	1	
CATOCTIN MOUNTAIN PARK	81.2	64.5	72.9		91 17+	55 7+	0	253	4	0	0	0	3.08		.62 8	.0	0	0	7	3	0	
CLARKSVILLE 3 NNE	90.3	63.9	77.1		101 22+	49 7	0	382	18	0	0	0	2.77		1.00 22	.0	0	0	4	2	1	
CONOWING DAM	88.5	61.3	74.9	.3	98 20+	48 7	0	317	10	0	0	0	6.11	1.78	2.03 21	.0	0	0	9	4	2	
DAMASCUS 2 SW	86.6	65.4	76.0		98 20	52 7	0	349	9	0	0	0	3.26		.77 22	.0	0	0	7	4	0	
EMMITSBURG 2 SE	89.0	61.5	75.3		101 21	46 7	0	326	10	0	0	0	1.50		.52 23	.0	0	0	4	1	0	
FREDRICK POLICE BRKS	90.2	67.8	79.0		101 16	55 7	0	444	13	0	0	0	2.90		1.27 22	.0	0	0	5	3	1	
PARKTON 2 SW	85.4	62.1	73.8		97 16	48 7	2	279	6	0	0	0	3.69		1.20 22	.0	0	0	6	3	1	
ROCKVILLE 3 NE	88.9	60.2	74.6		98 21+	44 7	1	304	11	0	0	0	4.02		.78 10	.0	0	0	7	5	0	
TOWSON					100 21+	57 7							3.72	-.24	1.60 22	.0	0	0	5	3	1	
UNIONVILLE	87.8	61.0	74.4	.5	99 16	45 7	1	300	8	0	0	0	3.64	-.59	1.40 22	.0	0	0	6	2	2	
WESTMINSTER POLICE BRK	89.1	65.8	77.5		99 21	50 14	0	394	10	0	0	0	2.77		1.35 22	.0	0	0	6	1	1	
WOODSTOCK	90.0	65.5	77.8	3.0	100 21+	50 7	0	403	15	0	0	0	2.71	-1.30	1.46 22	.0	0	0	6	1	1	
DIVISION			76.6	1.4									3.58	-.53		.0						
* * * APPALACHIAN MOUNTAIN 07																						
CUMBERLAND 2	90.3	63.4	76.9		101 16	51 6	0	378	18	0	0	0	5.82		1.40 9	.0	0	0	9	4	3	
FROSTBURG 2	80.7	57.7	69.2		91 21+	45 8+	15	152	3	0	0	0	4.23		1.84 9	.0	0	0	9	3	1	
HAGERSTOWN	88.8	64.8	76.8		101 16	53 7	0	373	10	0	0	0	4.10		.92 21	.0	0	0	7	5	0	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

MARYLAND AND DELAWARE
JULY 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	DEPTH ON GROUND	DATE	.10 OR MORE	.50 OR MORE	1.00 OR MORE
									32° OR ABOVE	32° OR BELOW	32° OR BELOW	32° OR ABOVE	32° OR BELOW	32° OR BELOW									
HANCOCK FRUIT LAB DIVISION	85.1	58.9	72.0		99 17	44 7	3	230	4	0	0	0	0	5.39	1.97	1.12 9	.0	0		7	5	2	
* * * ALLEGHENY PLATEAU 08			73.7	-.1										4.89	1.36		.0						
MC HENRY 2 NW OAKLAND 1 SE SAVAGE RIVER DAM DIVISION	78.5 81.0 82.3	59.4 56.5 59.1	69.0 70.1 70.7	2.7	90 21 90 20+ 92 17	48 7 43 7 45 7	13 6 7	141 172 190	1 2 3	0 0 0	0 0 0	0 0 0	0 0 0	4.99 6.46 4.78	1.68	1.40 29 1.24 8 1.63 9	.0 .0 .0	0 0 0		8 10 5	3 3 2	2 2 2	
			69.9	2.3										5.41	.89		.0						

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION

MARYLAND AND DELAWARE
JULY 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																																			
ASSATEQUE STATE PARK	1.30				T				.06																										.04
CRISFIELD SOMERS COVE	3.88								.26																									.25	
PRINCESS ANNE	2.54							.01	.17				.03																					.40	
SALISBURY	1.88								.12																									.22	
SALISBURY FAA AP	1.94								.12																									.15	
SNOW HILL 4 N	2.51				T	T	T		.13																								.20		
CENTRAL EASTERN SHORE 02																																			
CAMBRIDGE MTR TRMT PL	5.68				T			.10																										.45	
DENTON 1 S														.08																				.09	
ROYAL OAK 2 SSW	4.34					.06		.09						.15																				.57	
VIENNA									.18																									.76	
LOWER SOUTHERN 03																																			
LA PLATA 1 W	3.84				.03		.09			.20		.04	.62	.14																				1.08	
MECHANICSVILLE 1 SE	3.11						.15		.77	.01	.06		.29																					.32	
OWINGS FERRY LANDING	2.68				.44		.24	.15	.51																									.78	
PATUXENT RIVER	4.70				T		.16	T		.45	.09	T	.04																					.67	
SOLOMONS	7.22								.22	.45	.47				.17																			1.36	
UPPER SOUTHERN 04																																			
ANNAPOLIS POLICE BRKS	3.18				.95	.51			.45		.04	.02																						.09	
BALTIMORE WSO AP	3.25				.96	.04			.35	.01	T																							.15	
BELTSVILLE	7.02				.67	.20	.24		.03	.53	1.69			.65																				T	
COLLEGE PARK	6.60				.84	.17	.50		.14	.49	T			.14																				T	
DALECARLIA RESVR D C	3.32				.48		.32		.72																									.49	
GLENN DALE BELL STA	6.54				.74	.43			.66		.28																							.05	
LAUREL 3 W	2.92				.95				.67	.20	T			.55																				.120	
NATIONAL ARBORETUM D C	6.19				.50	.40			.72	T				.04																				1.00	
UPPER MARLBORO 3 NNW	3.98				.22	.41	.40		.58					.06																				.56	
NORTHERN EASTERN SHORE 05																																			
CENTREVILLE	5.31				.92				.32																									.40	
CHESTERTOWN	3.08				.92				.23	T																								.54	
NORTHERN CENTRAL 06																																			
ABERDEEN PHILLIPS FLD	2.28				.32				.16																									.02	
BALTIMORE WSO CI	4.71				.50				.31																									.09	
BENSON POLICE BARRACKS	6.78				.49				.21																										1.67
BOTOS 2 NW	3.35				.15				.69																										1.23
BRIGHTON DAM	1.97				.40				.60	T																								.39	
CATOCTIN MOUNTAIN PARK	3.08		.06						.62		.32	.01																						.41	
CLARKSVILLE 3 NNE	2.77				.84				.44		.05																							T	
CONOWINGO DAM	6.11				.43				.13	.02																								.23	
DAMASCUS 2 SW	3.25				.30				.64	.25																									2.03
EMMITSBURG 2 SE	1.50				T				.40		.06																							.56	
FREDRICK POLICE BRKS	2.90					.07			.60		.12																								1.27
FREDERICK 3 E	3.94						.12		.61		.32																								.04
PARKTON 2 SW	3.69				.78				.31	.05																									T
POTOMAC FILTER PLANT	2.53				.71		.10	T	.75																									.02	
ROCKVILLE 3 NE	4.02				.61	.01	.09		.64	.01	.78			.70																				.58	
TOWSON	3.72				.01				.30		.20																							.10	
UNIONVILLE	3.64				.14		.13		.40		.20																								1.60
WESTMINSTER POLICE BRK	3.77				.33				.41		.06																								1.40
WOODSTOCK	2.71				.33				.39		.15																								.32
APPALACHIAN MOUNTAIN 07																																			
CUMBERLAND 2	5.82				.07	.17	.26		1.02	1.40	T			.10																					.30
EDGE MONT	3.67				T	T			.09	.66	.31																								.04
FROSTBURG 2	4.23				.37	.10	.16		.15	1.84	.02			.11																				.02	
HAGERSTOWN	4.10				.21				.73	.82																									.92
HANCOCK FRUIT LAB	5.39				.08		.02		.89	1.12	.19																							.10	
ALLEGHENY PLATEAU 08																																			
MC HENRY 2 NW	4.99				.14	.07	.24		.40	1.30	.07	.02		.30																					.03
HERRILL	4.91				.33		.06		1.50	1.30	.05			.07																					.08
OAKLAND 1 SE	6.46				1.10	.03	.14	.15	1.24	.06	T		.98	.12																					.03
SAVAGE RIVER DAM	4.78				.04	.03	.02	.03	.92	1.83	.04			.11																				.09	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION

MARYLAND AND DELAWARE
JULY 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	1.41			.27	.10				.10								.04						.05	.50	T						.23	.12	
NEWARK UNIVERSITY FARM	1.54	T		.11					.06								.24						.20	.75	.04						.13		
WILMINGTON MSO AP	3.49			.25					.02		.01						.27						.03	1.18	.01				T	.38		.40	
WILMINGTON PORTER RESVR	2.11			.03			T		.04		.28						.47	T				.30	.44	.06				T	.49				
* * *																																	
SOUTHERN 02																																	
BRIDGEVILLE 1 NW	4.85			.50	.01	.77			.20								.84						.02	1.25	.06					1.20			
DOVER	4.39			.45	.08				.22														.04	1.89						1.71			
GEORGETOWN 5 SW	1.33				.02						.13												.57		.09					.03			
MILFORD 2 MSW	1.97			.36	.02	.06			.14									.49					.07	1.18						.16			

SEE REFERENCE NOTES FOLLOWING STATION INDEX

TOTAL SNOWFALL AND NUMBER OF DAYS
WITH ONE INCH OR MORE ON GROUND

SEASON OF 1979 - 1980

MARYLAND AND DELAWARE

STATION		JULY	AUG	SEPT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUNE	TOTAL	TOTAL PRECIPITATION
MARYLAND															
* * *															
SOUTHERN EASTERN SHORE 01															
ASSATEAGUE STATE PARK	SNOWFALL 1 IN ON GD							1.7 2	3.9 2	3.9 1				9.5 5	
CRISFIELD SOMERS COVE	SNOWFALL 1 IN ON GD							1	-	-				-	
POCOMOKE CITY	SNOWFALL 1 IN ON GD		-	-	-	-	-	-	-	-	-	-	-	-	
PRINCESS ANNE	SNOWFALL 1 IN ON GD							-	-	-				-	
SALISBURY	SNOWFALL 1 IN ON GD						T	-	7.5	-				-	
SALISBURY FAA AP	SNOWFALL 1 IN ON GD				T		T	2.0 3	4.5 4	6.2 3				12.7 10	
SNOW HILL 4 N	SNOWFALL 1 IN ON GD						T	4.0 2	7.2 3	8.1 2				19.3 7	
* * *															
CENTRAL EASTERN SHORE 02															
CAMBRIDGE WTR TRMT PL	SNOWFALL 1 IN ON GD				T			6.5 4	4.0 3	4.5				15.0	
DENTON 1 S	SNOWFALL 1 IN ON GD				1.0		T	6.5 4	3.1 1	4.5 2				15.1 7	
ROYAL OAK 2 SSW	SNOWFALL 1 IN ON GD				.3		T	6.0 3	5.1 3	6.0 3				17.4 9	
VIENNA	SNOWFALL 1 IN ON GD				1.0		T	-	-	-				-	
* * *															
LOWER SOUTHERN 03															
LA PLATA 1 W	SNOWFALL 1 IN ON GD				1.0		T	11.6 8	6.0 9	10.4 5				29.0 22	
MECHANICSVILLE 1 SE	SNOWFALL 1 IN ON GD				-			10.6 7	14.5	9.0 4				-	
OWINGS FERRY LANDING	SNOWFALL 1 IN ON GD				-			9.6 6	7.1	8.5 7				-	
PATUXENT RIVER	SNOWFALL 1 IN ON GD				.1		T	9.3	6.4	5.8 5				21.6	
SOLOMONS	SNOWFALL 1 IN ON GD				T			-	-	-	5			-	
* * *															
UPPER SOUTHERN 04															
ANNAPOLIS POLICE BRKS	SNOWFALL 1 IN ON GD							-	-	-				-	
BALTIMORE WSO AP	SNOWFALL 1 IN ON GD				.3	T	.1	4.7 4	3.8 2	5.7 4				14.6 10	
BELTSVILLE	SNOWFALL 1 IN ON GD							-	-	-	4			-	
COLLEGE PARK	SNOWFALL 1 IN ON GD				T		T	7.7 5	5.9 2	6.6 4				20.2 11	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

TOTAL SNOWFALL AND NUMBER OF DAYS
WITH ONE INCH OR MORE ON GROUND

SEASON OF 1979 - 1980

MARYLAND AND DELAWARE

STATION		JULY	AUG	SEPT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUNE	TOTAL	TOTAL PRECIPITATION
MARYLAND															
DALECARLIA RESVR D C	SNOWFALL 1 IN ON GD							7.5 7	4.0 3	6.2 5				17.7 15	
GLENN DALE BELL STA	SNOWFALL 1 IN ON GD				1.5 1		T	- 5	5.1 2	5.6 4				- 12	
LAUREL 3 W	SNOWFALL 1 IN ON GD				T		T	-	4.0	-				-	
NATIONAL ARBORETUM D C	SNOWFALL 1 IN ON GD				T			-	-	-				-	
UPPER MARLBORO 3 NNW	SNOWFALL 1 IN ON GD				3.0 1		T	7.0 7	6.5 5	7.0 6				23.5 19	
* * *															
NORTHERN EASTERN SHORE 05															
CENTREVILLE	SNOWFALL 1 IN ON GD				.5		T	6.0 5	6.0 7	6.0 3				18.5 15	
CHESTERTOWN	SNOWFALL 1 IN ON GD				T		T	5.0 4	3.6 3	3.7 3				12.3 10	
MILLINGTON	SNOWFALL 1 IN ON GD				T			13.0 6	-	-	-	-	-	-	
* * *															
NORTHERN CENTRAL 06															
ABERDEEN PHILLIPS FLD	SNOWFALL 1 IN ON GD							-	1.0 1	-				-	
BALTIMORE WSO CI	SNOWFALL 1 IN ON GD	-	-	-	-	-	-	-	-	-	-	-	-	-	
BENSON POLICE BARRACKS	SNOWFALL 1 IN ON GD				T			-	-	4.5 2				-	
BOYDS 2 NW	SNOWFALL 1 IN ON GD				3.0 1		T	7.0 7	3.2 2	8.0 4				21.2 14	
BRIGHTON DAM	SNOWFALL 1 IN ON GD							8	4	3				-	15
CATOCTIN MOUNTAIN PARK	SNOWFALL 1 IN ON GD				1.5	T	.3	8.9 11	4.2 8	10.2 7	T			25.1 26	
CLARKSVILLE 3 NNE	SNOWFALL 1 IN ON GD				1.5		T	6.5 8	3.1 2	6.2 4				17.3 14	
CONOWINGO DAM	SNOWFALL 1 IN ON GD							2.3 2	.6	3.0 2				5.9 4	
DAMASCUS 2 SW	SNOWFALL 1 IN ON GD				5.0 1		.1	7.5 9	4.7 4	8.0 6	T			25.3 20	
EMMITSBURG 2 SE	SNOWFALL 1 IN ON GD				2.0		.5	8.0 8	5.5 1	9.5 5				25.5 14	
FREDRICK POLICE BRKS	SNOWFALL 1 IN ON GD				-			5.1 8	2.0 2	7.5 4				-	14
FREDERICK 3 E	SNOWFALL 1 IN ON GD				1.0		T	- 4	-	-				-	
PARKTON 2 SW	SNOWFALL 1 IN ON GD				3.0 1		T	4.7 7	2.1 1	9.1 4				18.9 13	
POTOMAC FILTER PLANT	SNOWFALL 1 IN ON GD							-	-	-				-	
ROCKVILLE 3 NE	SNOWFALL 1 IN ON GD				-		T	- 9	5.7 4	7.0 5				-	18
TOWSON	SNOWFALL 1 IN ON GD				-		T	-	-	-				-	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

TOTAL SNOWFALL AND NUMBER OF DAYS
WITH ONE INCH OR MORE ON GROUND

SEASON OF 1979 - 1980

MARYLAND AND DELAWARE

STATION		JULY	AUG	SEPT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUNE	TOTAL	TOTAL PRECIPITATION
MARYLAND															
UNIONVILLE	SNOWFALL 1 IN ON GD				2.0		T	7.9 8	5.0 3	8.4 4	T			23.3 15	
WESTMINSTER POLICE BRK	SNOWFALL 1 IN ON GD				3.5 1		T	6.9 4	3.0 4	-				- 13	
WOODSTOCK	SNOWFALL 1 IN ON GD						.5	5.0 7	3.0 3	7.5 5				16.0 15	
* * *															
APPALACHIAN MOUNTAIN 07															
CUMBERLAND 2	SNOWFALL 1 IN ON GD						1.0 1	13.5 14	-	11.5 6				- -	
EDGEMONT	SNOWFALL 1 IN ON GD							6.0 11	-	.8 2				- -	
FROSTBURG 2	SNOWFALL 1 IN ON GD				1.0	2.5 2	9.0 11	23.9 19	14.8 26	16.0 16	1.1 1	T		68.3 75	
HAGERSTOWN	SNOWFALL 1 IN ON GD				T		T	10.9 11	2.6 2	11.5 5	T			25.0 18	
HANCOCK FRUIT LAB	SNOWFALL 1 IN ON GD						1.3 1	12.0 13	1.3 2	9.7 6				24.3 22	
* * *															
ALLEGHENY PLATEAU 08															
MC HENRY 2 NW	SNOWFALL 1 IN ON GD				T	3.0 2	8.0 17	24.0 17	17.0 26	-	2.0 1			- -	
MERRILL	SNOWFALL 1 IN ON GD						.6	19.0 -	5.1 24	13.1 -				37.8 -	
OAKLAND 1 SE	SNOWFALL 1 IN ON GD				3.0	.5 2	13.0 9	18.0 16	15.5 25	21.0 9	5.0			76.0 61	
SAVAGE RIVER DAM	SNOWFALL 1 IN ON GD					T	3.0 2	13.0 17	2.0 24	11.0 12				29.0 55	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

TOTAL SNOWFALL AND NUMBER OF DAYS
WITH ONE INCH OR MORE ON GROUND

SEASON OF 1979 - 1980

MARYLAND AND DELAWARE

STATION		JULY	AUG	SEPT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUNE	TOTAL	TOTAL PRECIPITATION
DELAWARE															
* * *															
NORTHERN 01															
MIDDLETOWN 1 WSW	SNOWFALL 1 IN ON GD				2.0			5.0 -	1.0 1	4.0 2				12.0 -	
NEWARK UNIVERSITY FARM	SNOWFALL 1 IN ON GD				T		.5 1	5.0 5	.3	4.0 2				9.8 8	
WILMINGTON WSO AP	SNOWFALL 1 IN ON GD				2.5		1.4 2	6.1 6	.8	5.1 2				15.9 10	
WILMGTN PORTER RESVR	SNOWFALL 1 IN ON GD						2.0 3	5.5 5	.5 -	2.0 1				10.0 -	
* * *															
SOUTHERN 02															
BRIDGEVILLE 1 NW	SNOWFALL 1 IN ON GD				1.0		T	5.5 5	5.0 5	4.5 4				16.0 14	
DOVER	SNOWFALL 1 IN ON GD				1.0 1		.5 1	6.5 4	5.3 2	6.0 2				19.3 10	
GEORGETOWN 5 SW	SNOWFALL 1 IN ON GD				1.0			4.0 2	4.2 -	5.0 4				14.2 -	
LEWES 1 SW	SNOWFALL 1 IN ON GD						T	6.0 3	5.5 5	3.4 3				14.9 11	
MILFORD 2 WSW	SNOWFALL 1 IN ON GD				1.0		T	7.0 6	9.5 5	5.5 4				23.0 15	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES

MARYLAND AND DELAWARE
JULY 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 80	81	79	81	83	86	75	76	87	87	87	94	81	84	82	83	84	82	91	94	89	87	80	78	84	80	81	83	90	91	90	84.2
	MIN 63	67	67	67	68	72	60	67	70	70	66	73	69	63	67	67	65	64	67	65	69	64	63	61	65	65	64	69	69	69	73	66.7
CRISFIELD SOMERS COVE	MAX 90	89	87	88	88	87	82	81	85			83	88	85	86	86	90	99	90	95	92	92	92	87	86	86	87	87	86	87	93	88.2
	MIN 63	63	77	77	74	73	62	62	65			72	70	66	66	72	72	71	68	76	80	81	76	67	70	76	69	70	73	76	78	71.2
PRINCESS ANNE	MAX 83	90	90	88	92	91	85	83	88			87	89	93	88	89	90	96	96	95	94	97	97	97	88	80	88	89	89	92	89.9	
	MIN 56	64	76	71	66	70	47	61	60			72	67	67	65	54	54	73	78	71	68	74	78	75	70	56	59	65	61	67	66.2	
SALISBURY	MAX 80	85	85	85	88	87	82	79	83			86	84	87	86	87	90	92	92	90	90	93	93	92	86	83	85	87	84	82	86.6	
	MIN 62	65	75	72	68	72	54	61	62			62	64	65	64	60	60	71	77	71	71	75	78	73	68	67	61	67	63	68	67.3	
SALISBURY FAA AP	MAX 82	89	85	88	92	87	83	77	89			89	91	95	86	90	91	97	96	92	93	98	98	95	78	85	88	90	86	85	89.2	
	MIN 58	65	75	72	68	61	53	62	66			73	69	74	60	57	63	72	73	72	70	76	77	73	70	64	61	68	64	70	67.7	
SNOW HILL 4 N	MAX 82	88	85	87	90	87	82	78	86			87	89	94	85	90	90	95	96	92	94	98	97	95	83	81	87	89	85	85	88.5	
	MIN 56	61	72	71	64	70	49	55	63			70	66	68	63	51	56	69	74	62	65	71	75	73	69	66	58	64	59	63	65.1	
* * *																																
CENTRAL EASTERN SHORE 02																																
CAMBRIDGE WTR TRMT PL	MAX 83	90	91	87	94	94	90	83	90			91	90	92	92	88	90	98	95	95	98	101	100	98	87	85	91	91	89	91	91.3	
	MIN 66	65	76	71	79	84	62	64	69			66	68	73	68	63	67	72	79	71	71	72	77	74	69	65	68	72	67	69	70.4	
DENTON 1 S	MAX 83	90	88	87	90	83	82	77	87			88	90	92	84	89	89	98	97	91	93	96	97	94	82	84	87	89	86	88	88.6	
	MIN 63	77	75	71	67	72	52	64	67			72	68	74	61	59	68	76	80	70	70	75	81	72	71	67	64	74	70	69	69.9	
VIENNA	MAX 68	73		67			64	63	64			66	65	70	61	56	63	71	74	66	67	73			62	59	69	65	64	70	66.2	
	MIN 63	69	76	71	79	84	62	64	69			66	68	73	68	63	67	72	79	71	71	72	77	74	69	65	68	72	67	69	70.4	
* * *																																
LOWER SOUTHERN 03																																
LA PLATA 1 W	MAX 81	91	89	85	89	82	80	78	84			83	86	88	80	86	89	97	95	86	90	95	94	92	85	82	86	87	85	86	86.7	
	MIN 57	64	73	68	68	66	53	65	61			67	66	68	63	58	64	73	71	68	69	75	78	70	70	65	62	69	68	70	66.9	
MECHANICSVILLE 1 SE	MAX 86	94	95	92	95	90	87	85	89			89	92	92	84	91	92	103	102	96	96	101	101	100	98	85	90	91	89	88	92.5	
	MIN 57	68	74	69	67	67	51	60	63			67	65	67	62	56	62	67	73	67	67	73	75	69	68	64	60	67	65	67	66.0	
OWINGS FERRY LANDING	MAX 79	86	94	88	92	81	86	73	89			87	91	88	86	91	92	101	95	93	95	100	100	95	80	88	89	88	87	88	89.5	
	MIN 59	64	69	66	68	52	59	59	63			69	65	61	57	56	58	70	68	65	66	68	72	70	65	62	60	60	60	65	63.6	
PATUXENT RIVER	MAX 82	94	87	88	97	89	81	74	91			87	90	93	86	90	91	101	103	91	94	99	98	95	78	85	90	92	87	87	89.9	
	MIN 65	68	73	71	70	69	65	68	67			69	71	71	68	65	68	75	70	71	74	78	75	69	70	71	68	71	70	74	70.5	
SOLOMONS	MAX 83	94	94				95	89				88			91	88	93	100	98		98			98	95	77	89		92	84	89.1	
	MIN 63	69	76				62	65				67			65	66	71	77	70		73			73	66	68	68		68	73	72.73	
* * *																																
UPPER SOUTHERN 04																																
ANNAPOLIS POLICE BRKS	MAX 81	93	90	85	91	89	83	81	86			88	91	94	91	90	89	96	95	91	96	100	99	97	79	89	89	89	88	87	90.0	
	MIN 60	60	70	69	71	71	58	63	69			67	67	73	67	62	69	75	75	70	70	74	79	74	70	67	65	73	72	73	69.3	
BALTIMORE WSO AP	MAX 88	95	80	87	90	82	82	73	87			87	89	91	85	90	92	102	98	92	96	101	101	93	78	85	89	90	87	87	89.2	
	MIN 60	67	71	69	66	63	53	64	66			68	66	69	64	59	66	72	72	68	68	73	72	70	70	68	63	70	66	69	67.1	
BELTSVILLE	MAX 92	85	92	84	87	90	81	82	73			87	85	87	88	83	89	92	99	94	90	93	98	98	92	79	83	90	91	86	88.0	
	MIN 55	60	70	67	65	68	51	62	63			67	65	68	59	57	65	72	70	67	67	71	76	69	69	65	61	66	66	67	65.6	
COLLEGE PARK	MAX 80	84	93	81	89	92	83	83	78			88	87	91	90	84	91	92	102	99	91	96	100	100	93	79	85	90	92	88	89.3	
	MIN 59	64	72	70	68	72	54	66	65			70	67	74	62	59	71	75	75	69	69	74	81	71	71	68	63	68	72	70	68.8	
DALECARLIA RESVR D C	MAX 84	95	95	88	93	83	84	83	88			87	90	91	86	91	93	102	101	92	96	101	100	99	79	86	90	92	91	88	91.0	
	MIN 58	57	71	66	69	69	55	64	63			68	67	66	62	60	70	69	74	67	70	75	77	69	69	66	64	63	71	69	67.0	
GLENN DALE BELL STA	MAX 84	90	90	90	92	87	83	82	88			89	88	91	90	90	88	99	98	96	92	96	98	96	78	85	88	91	91	88	89.8	
	MIN 49	60	68	63	62	64	46	57	59			59	63	61	54	53	59	61	68	64	66	70	73	65	66	60	56	62	60	67	61.6	
LAUREL 3 W	MAX 88	90	79	89	92	90	85	71	89			88	89	91	85	90	91	101	98	93	93	100	100	94	78	87	89	92	87	86	89.7	
	MIN 64	65	71	68	69	67	59	63	67			69	68	71	63	64	70	76	74	70	72	79	72	72	79	72	69	69	68	70	73	68.9
NATIONAL ARBORETUM D C	MAX 81	85	93	80	89	92	84	84	73			88	88	92	92	86	91	92	101	98	92	99	100	99	93	79	85	90	90	88	89.4	
	MIN 58	66	71	72	69	70	55	59	64			66	67	69	63	60	64	73	75	69	70	76	80	71	70	66	64	68	69	88	68.0	
UPPER MARLBORO 3 NNH	MAX 80	84	94	80	90	92	84	85	72			89	89	91	91	85	90	92	100	94	91	93	99	91	93	79	85	88	91	86	88.8	
	MIN 55	62	72	68	65	67	51	61	64			67	66	67	59	55	62	71	73	67	67	71	75	70	68	65	60	67	65	66	65.5	
* * *																																
NORTHERN EASTERN SHORE 05																																
CENTREVILLE	MAX 87	90	88	90	90	88	84	80	88			89	87	90	89	90	91	99	97	98	98	98	98	97	88	85	88	88	89	85	90.2	
	MIN 59	62	72	68	68	54	50	56	56			63	66	67	68	69	70	70	72	68	71	73	76	71	70	66	59	62	65	64	65.5	
CHESTERTOWN	MAX 83	89	80	86	89	82	82	75	87			88	90	91	85	89	90	97	93	91	92	96	97	92	78	86	88	89	87	86	87.9	
	MIN 59	65	69	70	67	60	52	66	63			69	69	70	59	60	66	72	71	70	68	74	73	70	71	67	64					

DAILY TEMPERATURES

MARYLAND AND DELAWARE
JULY
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 80	89	89	89	91	89	81	81	85	87	90	90	89	89	89	96	96	93	95	98	98	98	98	92	85	87	89	88	86	88	88	90
	MIN 59	62	72	68	67	72	51	63	64	67	69	68	63	60	64	73	71	69	66	73	77	70	68	65	59	69	70	72	74	67	67	
BALTIMORE WSO CI	MAX 83	92	80	91	92	83	86	74	90	88	93	92	86	91	93	102	98	94	97	102	102	94	80	87	91	93	88	87	88	91	94	
	MIN 66	68	74	73	75	71	63	66	70	73	73	76	70	67	73	79	76	76	77	80	72	71	72	71	70	75	74	75	73	74	74	
BENSON POLICE BARRACKS	MAX 84	90	88	88	90	90	83	84	88	89	91	91	90	92	91	100	100	95	95	99	100	99	93	84	88	90	89	89	89	88	91	
	MIN 60	61	69	70	65	71	53	63	66	69	66	71	60	59	65	71	71	70	68	71	77	69	68	65	61	67	73	60	70	69	65	
BOYDS 2 NW	MAX 82	91	90	87	90	82	83	82	85	85	88	88	88	88	91	98	98	90	94	99	98	92	78	83	87	88	87	83	84	86	89	
	MIN 56	62	70	66	67	68	54	62	63	67	65	71	58	62	64	70	71	68	68	72	73	68	62	64	61	66	64	68	69	67	67	
CATOCTIN MOUNTAIN PARK	MAX 74	82	81	80	83	80	77	77	80	79	82	82	80	82	84	91	91	83	86	90	90	80	73	75	80	81	80	78	77	79	80	
	MIN 55	61	68	62	68	64	55	60	61	64	64	67	64	58	67	72	71	66	70	72	67	65	64	61	63	67	65	66	66	64	64	
CLARKSVILLE 3 NNE	MAX 84	92	91	88	91	82	83	82	88	86	90	91	88	90	93	101	101	91	96	100	101	101	81	84	89	91	90	85	87	90	91	
	MIN 54	59	70	59	64	70	49	60	61	67	64	64	58	53	60	71	69	65	72	69	74	69	69	65	58	65	63	67	67	64	62	
CONOWINGO DAM	MAX 83	89	78	86	89	82	84	77	88	87	91	88	86	92	91	98	97	93	95	98	97	92	80	85	88	89	87	88	88	89	89	
	MIN 58	60	69	67	63	61	48	59	59	66	55	65	56	57	61	69	67	66	65	69	68	66	63	62	55	64	57	59	56	52	58	
DAMASCUS 2 SW	MAX 81	90	80	86	89	81	81	69	86	85	87	88	84	87	91	97	93	91	93	98	97	91	79	84	86	88	85	83	83	85	88	
	MIN 54	63	70	65	69	70	52	61	62	65	64	69	61	60	61	71	73	67	69	73	69	64	67	63	61	67	67	68	69	67	65	
EMMITSBURG 2 SE	MAX 81	89	88	87	89	87	83	76	86	87	90	89	85	89	92	100	94	92	95	100	101	98	85	84	88	90	87	85	86	88	89	
	MIN 52	57	68	63	60	69	46	59	63	62	58	65	55	52	60	69	68	65	62	66	71	66	66	59	54	60	62	62	66	63	59	
FREDRICK POLICE BRKS	MAX 86	91	91	88	91	86	84	84	87	87	91	90	88	89	90	101	100	93	94	99	100	100	88	85	89	89	89	85	85	87	89	
	MIN 59	64	74	69	67	73	55	63	65	70	66	71	64	58	58	74	74	74	70	75	77	70	68	64	62	68	68	71	73	72	66	
PARKTON 2 SW	MAX 79	86	76	84	87	77	79	70	84	85	88	86	83	86	89	97	92	88	91	96	96	91	77	82	85	88	85	85	84	84	86	
	MIN 53	58	69	63	61	56	48	58	62	64	62	62	54	54	61	60	67	65	65	69	70	66	65	60	57	64	63	65	69	64	61	
ROCKVILLE 3 NE	MAX 85	92	92	87	91	82	84	84	87	86	89	89	87	89	92	98	94	92	92	97	98	97	80	86	89	86	88	84	85	87	87	
	MIN 49	59	66	60	61	63	44	57	55	61	58	62	52	50	60	73	65	65	61	65	66	63	64	60	53	66	60	63	66	59	59	
TOWSON	MAX 83	90	90				83	84	89						90	92	98	98	95	95	100	100	97	90	88	89		88	89	91		
	MIN 60	61	70				57	58	59						72	72	74	74	72	72	74	70	75	77	70	68	64	71	73	72	68	
UNIONVILLE	MAX 82	89	88	87	89	81	82	82	86	85	88	89	86	88	90	99	93	90	93	98	98	91	79	83	86	88	87	86	86	86	88	
	MIN 51	58	68	61	61	63	45	59	53	62	59	61	55	51	60	69	67	62	64	66	70	67	67	59	55	62	62	67	68	60	59	
WESTMINSTER POLICE BRK	MAX 81	89	90	86	88	88	80	81	86	87	89	88	89	91	91	98	98	91	94	97	99	94	77	82	88	89	89	89	89	85	89	
	MIN 58	63	69	67	66	70	54	61	63	67	63	69	60	50	66	71	70	70	69	73	76	67	66	63	64	66	69	66	69	67	67	
WOODSTOCK	MAX 85	91	90	89	89	83	85	83	89	87	91	91	89	92	92	100	95	93	95	100	100	98	80	85	89	92	88	85	86	88	90	
	MIN 55	65	70	65	68	68	50	62	64	67	65	65	60	56	63	72	70	67	66	70	76	69	68	66	60	66	66	70	72	66	65	
* * *																																
APPALACHIAN MOUNTAIN 07																																
CUMBERLAND 2	MAX 85	92	90	92	90	88	87	85	85	86	93	91	89	91	95	101	98	91	94	100	97	88	83	88	90	90	90	86	86	87	92	
	MIN 56	63	60	65	70	51	54	63	64	62	64	62	58	59	65	72	65	66	68	70	68	69	61	61	61	61	64	67	67	63	65	
FROSTBURG 2	MAX 69	78	83	76	83	80	74	79	69	80	80	82	81	80	82	88	91	85	82	88	91	90	80	76	79	83	83	83	69	78	80	
	MIN 51	52	53	56	55	62	45	45	56	60	61	65	58	53	52	56	70	60	59	61	67	63	62	56	55	55	56	63	62	60	59	
HAGERSTOWN	MAX 82	91	85	89	91	88	87	80	88	85	90	89	88	89	91	101	93	91	96	100	97	89	83	84	88	89	89	83	85	84	89	
	MIN 56	64	69	62	65	69	53	63	62	65	63	69	58	56	57	73	73	69	69	73	70	68	67	62	60	65	69	65	68	65	63	
HANCOCK FRUIT LAB	MAX 76	80	89	80	86	85	81	82	82	84	83	88	87	83	86	90	99	89	87	87	91	95	86	80	82	86	85	86	77	83	82	
	MIN 51	52	56	57	64	62	44	49	49	59	57	61	56	52	59	63	67	62	63	64	68	66	67	57	55	58	62	60	65	61	59	
* * *																																
ALLEGHENY PLATEAU 08																																
MC HENRY 2 NW	MAX 65	80	81	71	80	76	72	80	69	72	76	80	78	78	85	87	88	82	80	89	90	88	75	71	75	82	83	83	68	74	76	
	MIN 52	53	60	57	58	58	48	50	60	58	63	64	60	56	59	64	70	61	62	65	67	62	61	56	55	60	63	63	61	57	58	
DAKLAND 1 SE	MAX 78	82	80	79	80	76	78	77	75	77	82	81	80	84	87	90	87	83	89	90	89	84	73	79	82	83	83	80	76	79	86	
	MIN 47	52	63	56	65	62	43	59	64	59	59	64	60	49	52	63	69	57	58	61	63	63	63	58	51	54	57	64	61	58	59	
SAVAGE RIVER DAM	MAX 70	79	84	85	85	81	77	83	75	78	80	83	81	81	84	89	92	84	85	89	90	91	82	78	83	83	84	85	70	79	80	
	MIN 53	56	57	58	60	66	45	48	63	62	62	65	62	51	53	59	68	60	60	63	65	65	65	56	53	55	58	62	63	59	60	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES

MARYLAND AND DELAWARE
JULY 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	80	86	87	86	88	87	81	80	85	87	89	89	87	88	89	96	96	93	92	97	99	97	92	85	87	91	89	85	89	88	90	88.9
	MIN	58	63	72	70	65	69	51	60	65	67	69	70	59	59	62	76	69	69	66	72	75	70	69	65	58	66	67	68	70	67	65	66.2
NEWARK UNIVERSITY FARM	MAX	81	89	89	87	90	89	81	82	88	88	90	91	86	90	91	99	99	93	94	98	100	99	93	85	88	93	91	87	88	89	90	90.3
	MIN	59	62	73	71	65	67	53	62	63	59	69	69	58	58	62	73	68	68	68	72	78	70	69	63	60	67	68	67	71	68	66	66.3
WILMINGTON WSO AP	MAX	81	87	79	91	89	84	85	79	88	85	90	86	85	88	90	98	92	90	92	97	96	92	80	85	87	90	85	85	88	88	89	87.8
	MIN	60	65	72	71	69	63	53	66	66	71	71	67	59	61	65	70	70	70	72	74	73	71	66	65	62	70	71	71	73	70	69	67.6
WILMINGTON PORTER RESVR	MAX	81	86	80	85	86	79	80	78	86	84	89	85	85	89	89	97	92	88	90	96	97	90	80	83	86	88	85	87	86	87	87	86.5
	MIN	60	68	73	71	69	66	67	67	68	70	70	70	65	67	72	72	73	72	71	75	71	70	68	67	68	68	72	70	70	71	70	69.4
* * *																																	
SOUTHERN 02																																	
BRIDGEVILLE 1 NW	MAX	85	89	87	89	90	83	84	80	88	88	90	93	88	92	90	99	98	94	92	98	98	94	86	86	88	89	88	86	87	88	92	89.6
	MIN	57	62	70	69	67	69	50	58	64	70	67	69	63	55	60	71	75	67	68	73	76	70	69	65	58	65	62	66	70	67	68	65.8
DOVER	MAX	81	89	89	85	86	88	82	81	86	88	89	90	89	90	90	100	100	91	92	100	99	101	93	85	88	91	89	85	87	88	90	89.7
	MIN	61	64	71	64	71	70	52	62	67	71	69	71	62	59	65	74	74	72	71	71	78	71	69	64	60	70	67	71	68	71	69	67.7
GEORGETOWN 5 SW	MAX	85	83	88	82	90	91	83	84	78	89	89	91	93	85	91	90	98	96	93	94	97	97	94	77	84	88	90	90	87	89	90	88.9
	MIN	57	63	73	70	67	68	48	60	64	64	68	71	65	55	61	72	77	70	68	68	77	73	69	67	58	65	61	61	73	67	69	66.1
MILFORD 2 WSW	MAX	83	92	88	87	90	86	83	82	88	88	90	93	89	91	91	99	97	94	95	101	102	98	83	84	89	91	88	90	88	90	92	90.4
	MIN	59	65	71	70	68	69	51	61	66	71	70	71	64	57	64	73	76	71	68	74	78	70	70	67	59	67	65	69	73	69	70	67.6

SEE REFERENCE NOTES FOLLOWING STATION INDEX

MONTHLY AND SEASONAL HEATING DEGREE DAYS

SEASON OF 1979 - 1980

MARYLAND AND DELAWARE

STATION	JULY	AUG	SEPT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUNE	TOTAL	NORMALS JULY-JUNE
MARYLAND														
* * *														
SOUTHERN EASTERN SHORE 01														
ASSATEAGUE STATE PARK	3	0	0	233	343	662	857	923	727	323	80	26	4177	
CRISFIELD SOMERS COVE	3	0	7	212	342	727	862	915	694	217	47	3	4029	3759
POCOMOKE CITY	0													
PRINCESS ANNE	4	4	20	253	369	682	874	939	661	236	91	22	4155	
SALISBURY	1	9	25	235	375	753	892	936	691	251	77	17	4262	3985
SALISBURY FAA AP	0	2	15	286	381	690	869	931	678	243	86	24	4205	
SNOW HILL 4 N	3	9	23	277	369	692	875	938	675	242	78	19	4200	4239
* * *														
CENTRAL EASTERN SHORE 02														
CAMBRIDGE WTR TRMT PL	0	1	10	227	341	703	872	903	663	221	44	4	3989	
DENTON 1 S	5	5	33	270	378	745	936	931	687	256	64	18	4328	4409
ROYAL OAK 2 SSW	2	2	16	234	349	718	900	930	663	224	55	7	4100	
VIENNA	0	0	14	239	360	714	906	928		206				
* * *														
LOWER SOUTHERN 03														
LA PLATA 1 W	11	8	27	282	378	741	936	931	658	232	70	27	4301	4348
MECHANICSVILLE 1 SE	6	9	43	434	434	817	927	918	651	210	51	11		
OWINGS FERRY LANDING	10	7	11	193	387	760	898	947	646		54	43		4271
PATUXENT RIVER	0	0	12	238	347	674	880	912	675	254	61	0	4053	
SOLOMONS	0	0	6	224	320	707	859			259				3919
* * *														
UPPER SOUTHERN 04														
ANNAPOLIS POLICE BRKS	2	2	14	260	378	720	893	890	668	246	49	8	4130	4548
BALTIMORE WSO AP	2	3	22	311	425	757	962	967	723	273	74	6	4525	4729
BELTSVILLE	11	18	57	353	448	817	995	987	774	324	105	48	4937	
COLLEGE PARK	4	9	24	292	401	769	934	940	708	267	73	22	4443	4440
DALECARLIA RESVR D C	2	4	23	297	417	774	951	931	652	245	52	19	4367	
GLENN DALE BELL STA	9	11	46	327	441	786	957	945	704	308	80	51	4665	4646
LAUREL 3 W	3	8	31	278	420	784	973	936	657	239	65	10	4404	
NATIONAL ARBORETUM D C	3	9	29	301	419	762	947	975	657	328	72	15		
UPPER MARLBORO 3 NNW	9	10	47	350	444	805	976	982	747	287	97	35	4789	
* * *														
NORTHERN EASTERN SHORE 05														
CENTREVILLE	3	4	52	316	453	784	979	963	716	308	110	13	4701	
CHESTERTOWN	4	9	32	302	406	776	969	953	730	274	74	19	4548	4516
MILLINGTON	10	16	50	364	502	905	1036	1056						4614
* * *														
NORTHERN CENTRAL 06														
ABERDEEN PHILLIPS FLD	5	5	33	305	417	808	949	929	719	295	67	31	4563	
BALTIMORE WSO CI	0	2	8	233	315	660	892	876	630	195	47	3	3861	4101
BENSON POLICE BARRACKS		2			415			932	702	257	54	20		
BOYDS 2 NW	7	12	55	327	427	794	1009	973	728	299	74	31	4736	
CATOCTIN MOUNTAIN PARK	27	36	114	425	523	901	1126	1106	862	425	105	69	5719	
CLARKSVILLE 3 NNE	12	15	61	342	478	814	1011	998	736	333	83	42	4925	
CONOWINGO DAM	3	8	32	340	512	858	1023	1007	772	332	79	47	5013	5184
DAMASCUS 2 SW	10	20	66	376	459	810	1043	1012	765	334	82	42	5019	
EMMITSBURG 2 SE	14	14	90	359	510	850	1094	1036	772	351	98	55	5243	
FREDRICK POLICE BRKS	1	5	38	278	432	765	986	944	716	281	37	25	4508	
PARKTON 2 SW	17	29	100	411	521	860	1091	1067	832	385	132	81	5526	
ROCKVILLE 3 NE	12	22	110	380	466	789	969	998	730	307	81	56	4920	
TOWSON		3	34	294	420	746	963					20		
UNIONVILLE	18	21	86	377	503	854	1109	1041	781	360	101	61	5312	5372
WESTMINSTER POLICE BRK	3	11	55	344	455	828	1045	1012	753	337	82	35	4960	
WOODSTOCK	8	9	47	340	459	805	1017	996	752	304	76	32	4845	5011

SEE REFERENCE NOTES FOLLOWING STATION INDEX

MONTHLY AND SEASONAL HEATING DEGREE DAYS

SEASON OF 1979 - 1980

MARYLAND AND DELAWARE

STATION	JULY	AUG	SEPT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUNE	TOTAL	NORMALS JULY-JUNE
MARYLAND														
* * *														
APPALACHIAN MOUNTAIN 07														
CUMBERLAND 2	9	16	49	332	507	785	1028	1007	747	338	81	26	4925	
FROSTBURG 2	53	71	175	515	655	1026	1201	1223	1005	560	231	143	6858	
HAGERSTOWN	9	16	56	345	488	809	1045	1007	752	305	70	32	4934	
HANCOCK FRUIT LAB	27	29	93	391	536	895	1068	1061	832	412	158	83	5585	
* * *														
ALLEGHENY PLATEAU 08														
MC HENRY 2 NW	54	70	159	565	731	1068	1219	1275	1048	571	246	135	7141	
OAKLAND 1 SE	55	66	151	534	691	978	1125	1195	911	534	204	120	6564	6508
SAVAGE RIVER DAM	37	53	150	471	635	988	1156	1190	949	520	225	114	6488	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

MONTHLY AND SEASONAL HEATING DEGREE DAYS

SEASON OF 1979 - 1980

MARYLAND AND DELAWARE

STATION	JULY	AUG	SEPT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUNE	TOTAL	NORMALS JULY-JUNE
DELAWARE														
* * *														
NORTHERN 01														
MIDDLETOWN 1 WSW	7	6	31	302	407	779	961	982	746	279	66	25	4591	
NEWARK UNIVERSITY FARM	6	5	38	316	435	820	973	970	740	311	70	40	4724	4944
WILMINGTON WSO AP	4	7	31	318	458	827	1004	1009	768	307	83	35	4851	4940
WILMGTN PORTER RESVR	7	16	56	375	453	804	1009	1010	787	310	71	25	4923	5044
* * *														
SOUTHERN 02														
BRIDGEVILLE 1 NW	3	3	20	264	366	744	925	952	692	246	69	20	4304	4495
DOVER	3	2	18	282	372	732	904	932	685	259	62	14	4265	4357
GEORGETOWN 5 SW	7	12	40	305	405	767	941	993	733	293	110	30	4636	
LEWES 1 SW	5	4	22	278	382	727	925	963	709		86			
MILFORD 2 WSW	7	7	14	288	377	744	947	962	714	247	79	22	4408	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

EVAPORATION AND WIND

MARYLAND AND DELAWARE
JULY 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	.26	.21	.35	-	.32	.22	.31	.22	-	-	.17	.24	-	.24	.22	.22	.16	.37	.22	.22	.27	.39	.23	-	.21	.30	.16	.25	.20	.25	.19	7.68B	
	WIND	66	14	22	10	13	26	56	14	28	23	21	18	25	13	9	14	22	17	12	12	17	24	23	13	17	15	3	47	45	47	21	711	
	MAX	85	92	96	94	97	94	90	92	68	94	92	96	95	95	97	99	102	100	91	99	103	105	98	81	92	98	98	90	91	92	94	93.8	
	MIN	63	63	69	69	72	72	62	63	64	65	71	72	67	67	69	76	73	73	74	78	74	72	70	70	70	65	74	71	72	71	71	69.6	
UPPER MARLBORO 3 NNW	EVAP	.23	.20	.33	.07	.23	.25	.33	.25	.02	.19	.24	.30	.20	.27	.27	.26	.32	.16	.21	.22	.26	.37	.19	.10	.21	.14	.35	.23	.23	.17	.28	7.08	
	WIND	32	19	35	9	11	19	41	15	29	17	17	11	17	20	16	40	28	14	7	11	11	22	25	12	23	12	21	22	23	18	13	610	
	MAX	81	91	95	80	96	95	91	92	70	95	94	96	93	93	96	110	98	98	98	110	110	97	80	93	93	93	97	93	92	94	95	93.9	
	MIN	60	61	67	70	70	70	60	59	67	63	71	71	67	64	64	66	73	72	71	77	77	72	70	70	69	67	70	70	71	71	71	68.4	
ALLEGHENY PLATEAU 0B																																		
SAVAGE RIVER DAM	EVAP	.25	.05	.15	.10	.29	.07	.23	.34	-	-	.10	.18	.15	.26	.16	.18	.25	.15	.18	.12	.36	.01	.17	.09	.22	.21	.17	.22	-	.17	.29	5.67B	
	WIND	72	27	30	35	17	76	58	25	28	24	34	46	49	22	29	15	39	27	17	37	17	29	37	34	28	29	24	30	17	46	37	1035	
	MAX	70	89	86	78	93	82	90	89	80	78	80	89	82	69	91	91	96	87	91	97	98	95	86	81	93	93	92	89	71	81	82	86.1	
	MIN	52	55	52	60	61	65	51	51	51	65	65	66	65	59	62	62	70	64	64	64	67	68	56	61	58	58	60	64	65	64	64	60.9	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

EVAPORATION AND WIND

MARYLAND AND DELAWARE
JULY
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	.16	.20	.18	.29	.18	.34	.20	.24	.10	.25	.24	.36	.22	.32	.30	.18	.30	.22	.24	.22	.27	.31	.30	.06	.38	.25	.25	.23	.26	.21	.29	7.55
	WIND	32	16	11	16	9	48	27	23	32	14	20	46	19	20	21	24	18	20	14	18	19	38	31	19	22	15	19	28	37	25	23	724
	MAX	89	94	95	94	93	92	86	88	95	95	94	93	92	94	95	110	110	96	95	110	110	99	98	92	92	95	95	93	91	93	94	95.5
	MIN	71	78	84	88	86	78	67	74	72	81	81	75	74	75	77	83	80	80	85	89	88	81	79	75	74	84	84	78	83	78	77	79.3
* * *																																	
SOUTHERN 02																																	
GEORGETOWN 5 SW	EVAP	.36	.55	.34	.07	.18	.33	.42	.36	.06	.29	.25	.32	.42	.37	.34	.41	.39	.40	.23	.30	.43	.45	.44	.05	.31	.24	.37	.33	.39	.25	.30	11.95
	WIND	83	58	106	52	38	99	77	79	59	58	55	72	90	41	65	106	111	80	27	55	91	100	123	56	53	47	71	55	68	56	47	2178

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

MARYLAND AND DELAWARE
JULY 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	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	8AC		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	THOMAS 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	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				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	8AC		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	8A		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
JULY 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 STATE DIV OF HIGHWAYS UNIV OF DEL SUBSTATION INACTIVE 05/31/80 PIONEER HIBRED CORN CO MRS BERNARD FRANKEL UNIV OF DELAWARE NATL WEATHER SERVICE WATER DEPARTMENT
DOVER	2730	02	KENT		39 09	75 31	30	5P	5P			H	
GEORGETOWN 5 SW	3570	02	SUSSEX		38 38	75 27	45	8A	8A		8AC	H	
LEWES 1 SW	5320	02	SUSSEX		38 46	75 09	20	6P	MID			H	
MIDDLETOWN 1 WSW	5852	01	NEW CASTLE		39 26	75 45	60	4P	4P			H	
MILFORD 2 WSW	5915	02	SUSSEX		38 54	75 28	30	5P	5P			H	
NEWARK UNIVERSITY FARM	6410	01	NEW CASTLE		39 40	75 44	90	5P	5P		5PC	H	
WILMINGTON WSO AP	9595	01	NEW CASTLE		39 40	75 36	79	MID	MID		C	HJ	
WILMGTON PORTER RESVR	9605	01	NEW CASTLE		39 46	75 32	274	MID	MID			H	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

MARYLAND AND DELAWARE - JULY 1980

SPECIAL WEATHER SUMMARY

Very warm temperatures ranged mostly between 1 and 4° above normal. It was not as warm as the record-breaking warm of 1955 when monthly temperatures across the 2 State area averaged up to 7° above normal. July 1977 was also a warm month; except for Baltimore Airport, Cumberland and Salisbury. The heat wave extended from the 15th - 22d. During this period daily temperatures reached into upper 90 and low 100° on 2 or more days. It ended with the showers and thunderstorms of the 22d and 23d. Totals to over 4 inches were recorded, especially in parts of south-

ern Maryland and central Eastern Shore. Although many stations recorded normal to much above normal monthly totals, rainfall was quite variable, especially in southern and eastern Maryland and in Delaware. The greatest monthly total was 7.22 inches at Solomons, Calvert County. Extremely heavy rainfall occurred in Delaware on the 29th. Smyrna, Clayton and Leipsic reported storm totals in excess of 6 inches and there was much flooding. Bombay Hook Wildlife Refuge reported a storm of 3.75, of which 3.30 fell in the hour between 5 and 6 a.m.

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 published annually as a Supplemental 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.

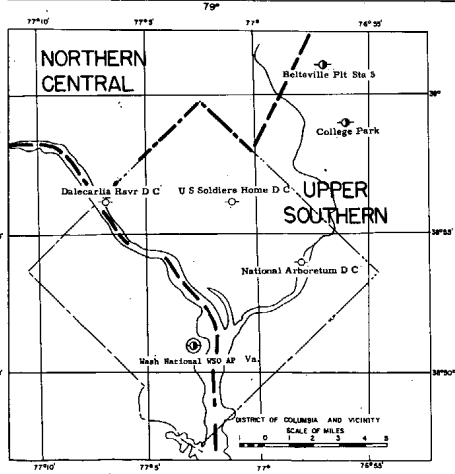
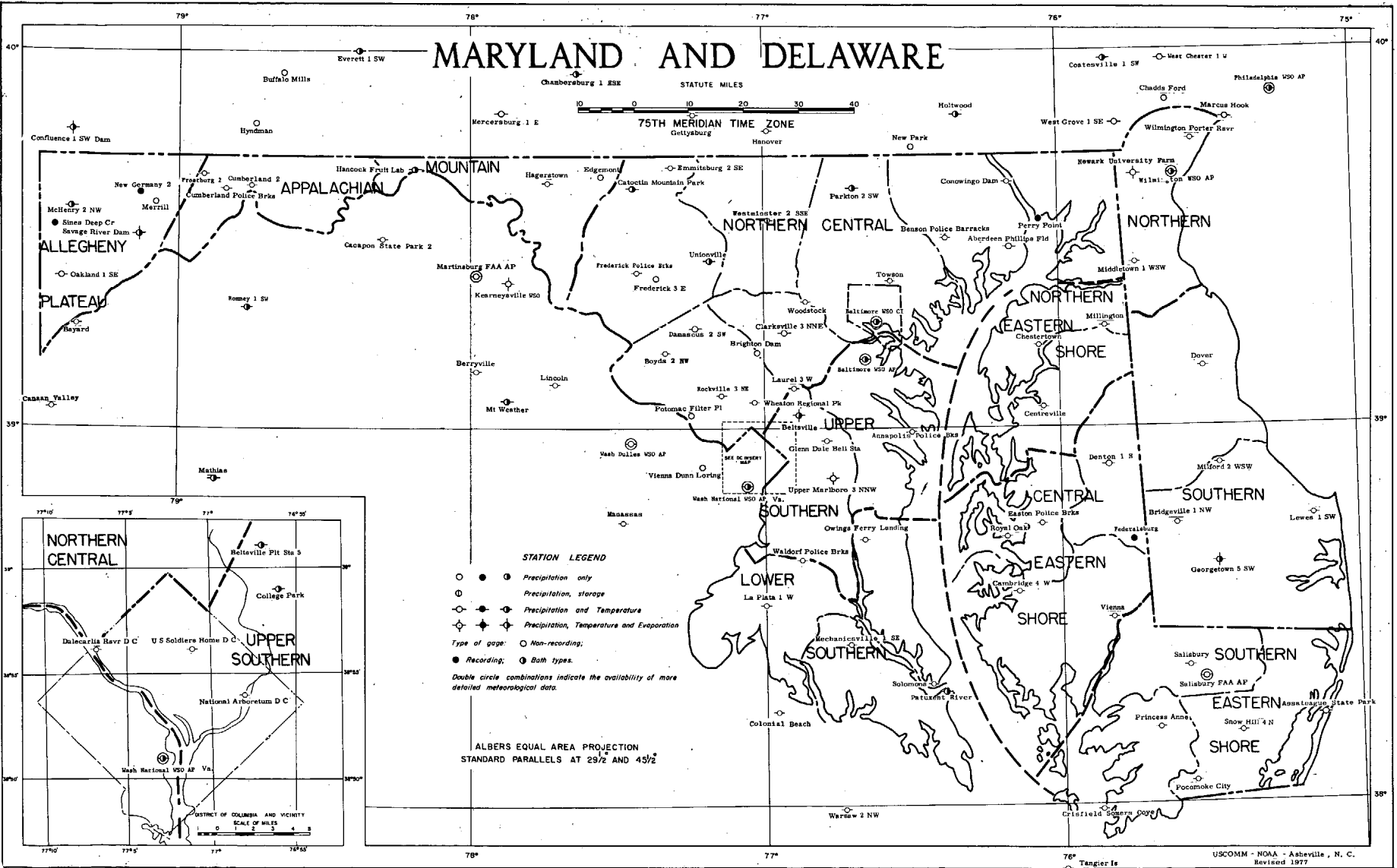
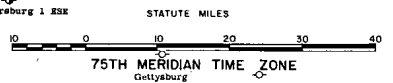
Stations appearing in the tables with no data were either missing or received too late to be included in this issue.

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; 45c single copy; \$1.00 foreign; 45c 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

MARYLAND AND DELAWARE



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

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