

Climatological Data



MARYLAND AND DELAWARE

TEMPERATURE AND PRECIPITATION EXTREMES

HIGHEST TEMPERATURE:	SOLOMONS	MD.	86	DATE 09
LOWEST TEMPERATURE:	OAKLAND 1 SE	MD.	20	DATE 30
GREATEST TOTAL PRECIPITATION:	SALISBURY FAA AP	MD.	8.64	
LEAST TOTAL PRECIPITATION:	CUMBERLAND 2	MD.	2.07	
GREATEST 1 DAY PRECIPITATION:	SALISBURY FAA AP	MD.	4.93	DATE 25
GREATEST TOTAL SNOWFALL:	FROSTBURG 2	MD.	2.5	
GREATEST DEPTH OF SNOW OR ICE:	2 STATIONS		1	DATE 27+

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	28	3.6	8.1	31'	W	26+	73	78	47	64	3	3	2	1	1	0	10	61	5.3
WILMINGTON WSO AP DEL	28	3.5	9.2	25++	24	25	78	82	53	67	4	3	4	1	0	1	13	-	5.5

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

Samuel B. Mitchell

DIRECTOR
NATIONAL CLIMATIC CENTER

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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
OCTOBER 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.	32° OR ABOVE	32° OR BELOW					41° OR BELOW	47° OR BELOW	TOTAL	MAX. DEPTH ON GROUND	DATE	.10 OR MORE	.50 OR MORE
MARYLAND																									
* * * SOUTHERN EASTERN SHORE 01																									
ASSATEAGUE STATE PARK	67.5	49.6	58.6		80	9	33 27	216	24	0	0	0	0	4.87		1.74	19	.0	0	5	2	2			
CRISFIELD SOMERS COVE	66.1M	50.0M	58.1M	- 4.1	78	9	33 13	225	16	0	0	0	0	4.96	1.89	2.25	25	.0	0	5	3	3			
PRINCESS ANNE	66.8	45.8	56.3		81	9	28 27	292	23	0	0	2	0	9.23		3.23	25	.0	0	5	3	3			
SALISBURY	67.5	46.5	57.0	- 2.6	82	9	28 31	265	23	0	0	2	0	8.86	3.67	3.23	25	.0	0	7	7	4			
SALISBURY FAA AP	66.5	45.8	56.2		82	9	28 31	294	27	0	0	4	0	8.64		4.93	25	.0	0	7	7	4			
SNOW HILL 4 N	68.0	45.5	56.8	- 1.9	84	9	27 31+	276	28	0	0	2	0	5.70	2.05	2.99	25	.0	0	5	2	2			
DIVISION																									
			57.2	- 2.3										6.04	2.78			.0							
* * * CENTRAL EASTERN SHORE 02																									
CAMBRIDGE WTR TRMT PL	68.2	48.4	58.3		79	10+	32 31	223	22	0	0	1	0	5.23	2.26	2.13	25	.0	0	7	2	2			
DENTON 1 S	66.5	49.1	57.8		81	9	35 31	241	22	0	0	0	0	5.20		2.20	19	.0	0	6	3	2			
ROYAL OAK 2 SSW	67.4M	48.4M	57.9M		84	9	32 31	240	29	0	0	1	0	4.69		2.20	25	.0	0	5	3	2			
VIENNA																									
DIVISION																									
			58.0	- 1.1										5.04	2.15			.0							
* * * LOWER SOUTHERN 03																									
LA PLATA 1 W	67.2	44.5	55.9	- 2.3	84	9	31 31+	292	17	0	0	3	0	3.99	.84	1.82	25	.0	0	6	4	1			
MECHANICSVILLE 1 SE	64.4M	42.5M	53.5M		80	9	30 31+	358	6	0	0	3	0	5.20		1.83	25	.0	0						
OWINGS FERRY LANDING	66.8	44.7	57.9		85	9	37 31	239	25	0	0	0	0	6.61		3.08	25	.0	0	6	4	3			
PATUXENT RIVER					86	9	35 27							5.85	3.06	3.08	25	.0	0						
SOLOMONS																									
DIVISION																									
			55.8	- 2.9										5.41	2.34			.0							
* * * UPPER SOUTHERN 04																									
ANNAPOLIS POLICE BRKS	66.7M	47.7	57.2M	- 1.0			34 31	262	15	0	0	0	0	3.90	1.39	1.87	25	.0	0	4	2	2			
BALTIMORE WSO AP	65.9	44.7	55.3	- 2.1	83	2	31 31	311	17	0	0	2	0	3.08	.27	1.71	25	.0	0	4	2	2			
BELTSVILLE	66.1M	41.9M	54.0M		82	3	27 31	343	8	0	0	0	0	2.91		1.00	26	.0	0	2	2	1			
COLLEGE PARK	66.4	44.7	55.6		82	10	29 31	302	16	0	0	1	0	2.89	.02	1.15	25	.0	0	4	2	1			
DALECARLIA RESVR D C	68.9	43.0	56.0	- 2.3	82	9	30 31	283	10	0	0	3	0	3.05		1.99	25	.0	0	4	2	1			
GLENN DALE BELL STA	68.9	41.3	55.1	- 1.9	82	2	27 31	310	12	0	0	5	0	3.69	.65	1.70	25	.0	0	5	3	1			
LAUREL 3 W	65.8M	44.9M	55.4M		81	9+	33 31+	305	12	0	0	0	0	2.71		1.92	25	.0	0	4	1	1			
NATIONAL ARBORETUM D C	66.5	45.1	55.8		83	10	34 31	296	14	0	0	0	0	3.12		1.20	25	.0	0	2	2	1			
UPPER MARLBORO 3 NNW	66.8	42.0	54.4		84	10	28 31	332	10	0	0	4	0	2.94		1.00	25	.0	0	5	2	1			
DIVISION																									
			55.4	- 2.3										3.14	.28			.0							
* * * NORTHERN EASTERN SHORE 05																									
CENTREVILLE	65.5	46.2	55.9	- 2.9	80	2+	34 31+	292	16	0	0	0	0	3.32	.59	1.85	25	.0	0	5	2	1			
CHESTERTOWN																									
DIVISION																									
			55.9	- 2.8										3.32	.68			.0							
* * * NORTHERN CENTRAL 06																									
ABERDEEN PHILLIPS FLD	66.5	44.7	55.6		79	3+	28 31	299	18	0	0	1	0	3.59		1.95	25	.0	0	4	2	1			
BALTIMORE WSO CI	65.6	49.1	57.4	- 3.3	82	2	37 31	255	25	0	0	0	0	2.95	.09	1.72	25	.0	0	6	3	1			
BENSON POLICE BARRACKS	68.7	42.5	55.6		82	1	26 31	295	11	0	0	3	0	3.93		1.71	25	.0	0	3	3	1			
BOYDS 2 NW	67.0	43.7	55.4		80	17+	29 31	307	13	0	0	2	0	2.12		1.71	25	.0	0	3	3	1			
CATOCTIN MOUNTAIN PARK	60.4	42.0M	51.2M		74	17	30 30	427	0	0	0	0	0	3.16		2.45	25	.0	0	3	3	1			
CLARKSVILLE 3 NNE	68.5	39.7M	54.1M		82	2	23 31	345	6	0	0	6	0	2.88		2.00	25	.0	0	4	4	1			
CONOWINGO DAM	64.6	41.5	53.1	- 3.0	80	1	25 31	371	7	0	0	5	0	3.27	.41	1.81	25	.0	0	4	4	2			
DAMASCUS 2 SW	64.5	43.0	53.8		80	2	29 27	350	8	0	0	4	0	2.63		2.00	25	.0	0	2	2	1			
EMMITSBURG 2 SE	66.8	40.9	53.9		80	17	23 31	343	6	0	0	6	0	3.45		2.42	25	.0	0	4	4	1			
FREDRICK POLICE BRKS	67.7	45.4	56.6		80	17+	32 31	271	17	0	0	1	0	2.39		1.90	25	.0	0	2	2	1			
PARKTON 2 SW	63.5	40.1	51.8		80	1	25 31	405	3	0	0	7	0	3.00		1.75	25	.0	0	4	2	1			
ROCKVILLE 3 NE	70.5M	38.7	54.6M		84	3	22 31	317	8	0	0	6	0	2.66		1.90	25	.0	0	4	4	1			
TOWSON	67.9M				80	9+			8	0	0	0	0	3.91	.75	2.00	25	.0	0	4	2	1			
UNIONVILLE	66.3	37.8	52.1	- 2.5	81	2	22 31	399	6	0	0	11	0	2.90	.22	2.19	25	.0	0	3	3	1			
WESTMINSTER POLICE BRK	66.1	43.9	55.0		80	9	32 31+	314	11	0	0	2	0	3.83		2.80	25	.0	0	4	4	2			
WOODSTOCK	66.9	42.1	54.5	- 1.1	81	2	26 31	331	12	0	0	6	0	3.07	.14	2.17	25	.0	0	3	3	1			
DIVISION																									
			54.3	- 2.1										3.11	.23			.0							
* * * APPALACHIAN MOUNTAIN 07																									
CUMBERLAND 2	67.5	38.9	53.2		83	17+	28 30+	361	4	0	0	8	0	2.07		1.07	25	.0	0	4	2	1			
FROSTBURG 2	57.4	36.3	46.9		74	18	22 31	554	0	0	0	14	0	2.74		1.45	26	2.5	0	26	2	1			
HAGERSTOWN	65.5	42.3	53.9		79	17+	29 30	343	7	0	0	3	0	2.54		1.76	25	.0	0	3	3	1			

SEE REFERENCE NOTES FOLLOWING STATION INDEX

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

MARYLAND AND DELAWARE
OCTOBER 1980

STATION	TEMPERATURE														PRECIPITATION									
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST DATE	LOWEST DATE	HEATING DEGREE DAYS	COOLING DEGREE DAYS	NO. OF DAYS			TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY DATE	SNOW, SLEET		NO. OF DAYS							
									MAX.	MIN.					TOTAL	MAX. DEPTH ON GROUND	DATE	.10 OR MORE	.50 OR MORE	1.00 OR MORE				
	30° OR ABOVE	32° OR BELOW	32° OR BELOW	32° OR BELOW	32° OR BELOW	32° OR BELOW	32° OR BELOW	32° OR BELOW	32° OR BELOW	32° OR BELOW	32° OR BELOW	32° OR BELOW	32° OR BELOW	32° OR BELOW	32° OR BELOW	32° OR BELOW	32° OR BELOW	32° OR BELOW						
HANCOCK FRUIT LAB DIVISION * * * ALLEGHENY PLATEAU 08 MC HENRY 2 NW OAKLAND 1 SE SAVAGE RIVER DAM DIVISION	62.8 54.5 59.4 58.7	36.7 36.1 35.2 35.8	49.8 45.3 47.3 47.3	- 4.2 - 3.1 - 3.1 - 3.6	80 73 75 77	18 2 1 18	21 22 20 25	31 27 30 31+	466 603 540 541	0 0 0 0	0 0 0 0	0 1 12 12	0 0 0 0	0 0 0 0	2.34 2.42 2.83 2.79 2.50 2.71	-.40 -.29 -.12 -.12 -.22	1.20 1.92 1.60 1.16	26 25 25 25	.0 .6 1.0 1.0 1.0 .7	0 0 1 1	27+ 27	8 7 4	2 2 2	0 1 1

SEE REFERENCE NOTES FOLLOWING STATION INDEX

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

MARYLAND AND DELAWARE
OCTOBER 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	.10 OR MORE	.50 OR MORE	1.00 OR MORE	
																							MAX.
DELAWARE																							
* * * * *																							
NORTHERN 01																							
MIDDLETOWN 1 WSW	66.6	44.0	55.3	-	82	2	30	31+	305	13	0	0	0	0	4.66		3.08	25	.0	0	6	1	1
NEWARK UNIVERSITY FARM	65.7	42.8	54.3	- 2.4			28	31	332	7	0	0	2	0	4.62	1.82	2.72	25	.0	0	7	1	1
WILMINGTON WSO AP	64.7	44.8	54.8	- 2.4	80	17	30	31	322	10	0	0	1	0	3.99	1.39	2.56	25	.0	0	6	2	1
WILMINGTON PORTER RESVR	63.0	44.8	53.9	- 2.9	78	1	35	30+	347	8	0	0	0	0	4.59	1.75	3.01	25	.0	0	6	2	1
DIVISION																							
* * * * *																							
SOUTHERN 02																							
BRIDGEVILLE 1 NW	67.4	43.6	55.5	- 2.4	80	2	30	31	293	6	0	0	3	0	7.19	4.22	3.45	25	.0	0	6	2	2
DOVER	65.5	44.8	55.2	-	80	10	29	31+	313	16	0	0	2	0	6.41	2.81	2.5	25	.0	0	7	3	2
GEORGETOWN 5 SW	68.3	46.1	57.2	-	82	17	30	31	264	30	0	0	2	0	6.90	2.61	2.5	25	.0	0	7	4	2
WILFORD 2 WSW																							
DIVISION																							
* * * * *																							

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION

MARYLAND AND DELAWARE
OCTOBER 1980

STATION	TOTAL	DAY OF MONTH																																
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
MARYLAND																																		
SOUTHERN EASTERN SHORE 01																																		
ASSATEAGUE STATE PARK	4.87	.08	.04	T	.83															1.74						1.50	.20			.05	T	.04		
CRISFIELD SOMERS COVE	4.36	.06	.02	.01	.58						.02	.29								1.40						2.25								
PRINCESS ANNE	5.23	.14			.58						.05	.07							1.53	.15						2.53	.09			.09		.10		
SALISBURY	6.86	.20		.02	1.02						.18	.23							1.83	.02						3.23	.11			.20				
SALISBURY FAA AP	6.64	.18	.04	.56			T											1.55	1.06						4.93			.14						
SNOW HILL 4 N	5.70	.07	.03	T	.32						T	.40							1.73						T	2.99	.12		.04	T				
CENTRAL EASTERN SHORE 02																																		
CAMBRIDGE MTR TRMT PL	5.23			.22	.36			T				.22	T						1.92	.05						2.13	.10			.23	T			
DENTON 1 S	5.20			.59	.12				.02				.18							2.20	.01						1.83	.04			.21			
ROYAL OAK 2 SSW	4.69	.08		.02	.65														1.35						2.20	.14			.25					
VIENNA																																		
LOWER SOUTHERN 03																																		
LA PLATA 1 W	3.99	.14		.63	T	.26			T			.56							T	.74	T						1.82	T			.10			
MECHANICSVILLE 1 SE	5.20			.40	.28							.17								T	1.65						1.83	.20			.28			
DWINGS FERRY LANDING	6.61	.28	.01	1.14			T					.05								1.33	.53				.02	3.08			.17					
PATUXENT RIVER	5.85	.26		1.04								.08									1.38									2.98		.11		
SOLDMANS																																		
UPPER SOUTHERN 04																																		
ANNAPOLIS POLICE BRKS	3.90			1.10	.05						.03	.08		.01						.42							1.87	.25			.09			
BALTIMORE MSD AP	3.08	.48	.61					T			.01	.02	.08		.01				.24	.01						1.71				.04	T			
BELTSVILLE	2.81			.40	.28			T												.27	T						1.15	.77			.03	T		
COLLEGE PARK	2.89			.33	.05			T												.36	T						1.95	.77			.01			
DALECARLIA RESVR D C	3.05			.43	.03			T				.02								.05	.30	.03					1.99	.19			.01			
GLENM DALE BELL STA	3.69			.66	.41				.03												.59						1.70	.22			.08			
LAUREL 3 W	2.71		.33	.28																.18							1.92							
NATIONAL ARBORETUM D C	3.12			.46	.36								.04								.31						1.20	.75			.03	.01		
UPPER HARLORD 3 NW	2.94			.20	.45															.42						1.00	.74			.09	T			
NORTHERN EASTERN SHORE 05																																		
CENTREVILLE																																		
CHESTERTOWN	3.32		.26	.60					.02			T	.03							.41	.04						T	1.85				.11		
NORTHERN CENTRAL 06																																		
ABERDEEN PHILLIPS FLD	3.59			.51	.60				.02			.16	.01		.07					.16	.31									1.84	.08			
BALTIMORE MSD C1	2.95	.26	.52								.03	.01								.02	.02						1.95							
BENSON POLICE BARRACKS	3.73			.60	.51						.25	.05		.01						.02	.46						1.73	.25			.05	.01		
BOYDS 2 NW	2.12			.10																.27	.46						1.71							
BRIGHTON DAM	2.77	.15	.16								.02										.28						2.14	T			.02			
CATOCTIN MOUNTAIN PARK	3.16	.05	.04						.06			.18									.30						2.45				.08			
CLARKSVILLE 3 NNE	2.88			.26	.10	T					.01									.34	.01						2.00	.07		.05				
CONWINGO DAM	3.27	.28	.62								.02	.05	.01								.38						1.81	.03			.07			
DAMASCUS 2 SW	2.63	.09	.09					T			.03	.01			T						.33	.36					2.00	.02			.06			
EMMITSBURG 2 SE	3.45	.35	.02	.07							.12	.06									.32						2.42				.09			
FREDRICK POLICE BRKS	2.39	.02	.08	T							.04	.02									.25	.03					1.90				.05			
FREDERICK 3 E	3.00	.34	.16						.01			.07	T								.63						1.75				.04			
PARKTON 2 SW	2.21			.09							.02	.02									.18						1.89				.05			
POTOMAC FILTER PLANT	2.66			.35	.01						.02	.02									.12	.09					1.90	.12		.03				
ROCKVILLE 3 NE																																		
TOHSON	3.91			.13				.02			.80	.10										.37	.29					2.00	.30			.30		
UNIONVILLE	2.90	.07	.10								.06	.03															2.19	.01			.04			
WESTMINSTER POLICE BRK	3.83		.15								.05										.59	T					2.80	.18			.06			
WOODSTOCK	3.07	.07	.26	.03			.03				.08	.04									.30	.02					2.17	.03			.04			
APPALACHIAN MOUNTAIN 07																																		
CUMBERLAND 2	2.07			.12	.12						.03			T													1.07	.73			T			
EDGEHONT	3.32	.10	.12								.18			T							.64	.41					.70	1.72			.02	.03		
FROSTBURG 2	2.74			.08	.01	T					.12			T							.01	.09					.87	1.45			T		.08	
HAGERSTOWN	2.54			.15	.14						.11	.03									.32						1.76				.03			
HANCOCK FRUIT LAB	2.34			.11								.03															1.81	1.20						
ALLEGHENY PLATEAU 08																																		
MC HENRY 2 NW	2.83	.02	.16	.12	.02				.03			.19			.02													.92	.76		T	.15	.12	
MERRILL	2.84			.07					.02			.11			.02													1.45	.97		T	.06	.03	
OAKLAND 1 SE	2.79	.12	T	.12	T				T			.17	.20	.04							.15	.10					1.60	.05			.34			
SAVAGE RIVER DAM	2.50		.06	.02	T			.02			.06	.20			T						.01	.06					1.16	.81		T	.10			

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION

MARYLAND AND DELAWARE
OCTOBER 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	4.66			.37	.39	.05					.08	.05							.20	.30						3.08						.14
NEWARK UNIVERSITY FARM	4.62			.49	.43		T				.05	.10	T						.01	.46						2.72	.24				.12	
WILMINGTON NSD AP	3.99		.12	.61							.03	.14		T					.40	.01						2.56					.10	
WILMINGTON PORTER RESVR	4.59		.22	.78			T	.02				.12							.30						T	3.01	.02	T			.14	
* * *																																
SOUTHERN 02																																
BRIDGEVILLE 1 NW	7.19	T		.30	.42							.25	.08							2.23						3.45	.07				.37	
DOVER	6.41		.02	.11		.70							.38							1.56						2.81	.42				.07	
GEORGETOWN 5 SW	6.90	.03	T	.52	.57						.01	.16								2.51						2.61	.17				.32	
MILFORD 2 WSA																																

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DAILY TEMPERATURES

MARYLAND AND DELAWARE
OCTOBER 1980

STATION	DAY OF MONTH																															AVERAGE			
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31				
MARYLAND																																			
* * *																																			
SOUTHERN EASTERN SHORE 01																																			
ASSATEAGUE STATE PARK	MAX MIN	71 67	75 63	72 58	69 52	67 50	67 51	66 45	73 47	80 57	75 62	76 64	71 46	59 42	61 38	70 42	75 52	75 55	76 59	72 57	64 48	70 46	69 49	61 46	62 49	68 56	60 41	55 33	61 45	58 42	55 40	61 35	67.5 49.6		
CRISFIELD SOMERS COVE	MAX MIN	70 60	75 63	74 60	67 53	67 50	65 52	65 45	70 54	78 54	75 60	65 48	60 33	58 46	69 46	73 57	75 60	74 60	70 60	65 53	69 47	69 54	63 43	62 42	63 45	57 44	53 38	60 48	59 45	55 42	58 38	66.1 50.0			
PRINCESS ANNE	MAX MIN	72 65	77 62	76 59	65 47	65 45	64 50	66 44	74 43	81 49	80 57	77 63	76 48	57 38	57 31	72 36	76 46	76 46	76 66	75 59	66 47	71 39	70 41	65 36	60 38	59 43	54 39	50 28	60 41	60 44	48 41	47 38	66.8 45.8		
SALISBURY	MAX MIN	70 65	76 60	69 58	65 48	60 46	66 48	68 39	74 44	82 52	77 56	80 60	78 46	60 42	61 38	71 39	78 49	79 53	78 64	76 56	67 47	70 42	69 45	59 42	61 42	66 56	55 47	55 29	60 40	60 41	52 39	51 28	67.5 46.5		
SALISBURY FAA AP	MAX MIN	70 65	78 63	63 54	68 47	65 47	67 40	74 37	82 42	82 57	72 58	80 58	63 46	60 43	58 32	72 40	78 51	80 56	79 62	67 52	61 46	71 43	68 44	56 38	62 39	69 47	53 33	53 29	60 51	51 40	52 31	61 28	66.5 45.8		
SNOW HILL 4 N	MAX MIN	71 67	78 61	73 58	70 46	66 44	68 48	68 33	76 39	84 49	71 57	82 63	73 45	60 39	60 34	74 39	79 46	80 50	80 64	74 58	62 45	71 40	66 42	57 35	61 37	68 53	53 40	55 27	60 40	59 44	48 40	62 27	68.0 45.5		
* * *																																			
CENTRAL EASTERN SHORE 02																																			
CAMBRIDGE WTR TRMT PL	MAX MIN	72 63	78 60	77 57	67 49	66 50	64 51	61 40	73 45	79 53	79 55	77 58	76 52	60 47	58 45	68 42	76 49	78 54	78 60	76 58	68 49	72 43	72 46	66 44	71 42	62 52	54 42	51 41	60 40	61 43	52 39	63 32	68.2 48.4		
DENTON 1 S	MAX MIN																																		
ROYAL OAK 2 SSW	MAX MIN	74 62	80 63	75 55	66 52	66 49	65 52	66 44	74 47	81 57	70 52	71 59	62 52	59 47	59 45	70 43	76 49	78 56	77 65	68 58	66 49	71 45	66 48	54 36	64 39	65 53	53 43	53 40	59 47	59 43	52 38	61 35	66.5 49.1		
VIENNA	MAX MIN	75 57	72 63	70 55	67 49	68 49	65 50	66 40	72 40	84 57	78 56	78 58					59 44	75 56	77 66	75 60	70 48	71 50	68 44	60 38	61 37	63 53	56 41	54 33	59 45	59 43	51 41	60 32	67.4 48.4		
* * *																																			
LOWER SOUTHERN 03																																			
LA PLATA 1 W	MAX MIN	75 59	81 60	74 54	66 51	64 47	64 42	68 39	76 41	84 50	71 52	72 53	60 42	58 36	61 32	73 42	77 44	80 50	78 66	70 57	64 44	73 41	70 41	57 35	62 36	59 46	56 36	55 31	61 43	57 42	55 38	63 31	67.2 44.5		
MECHANICSVILLE 1 SE	MAX MIN	71 54	79 56	77 54	67 53	65 45	62 44	60 36	72 38	80 50	78 52	71 52	69 43	60 34	57 30																				
OWINGS FERRY LANDING	MAX MIN																																		
PATUXENT RIVER	MAX MIN	71 63	81 61	62 53	67 52	63 54	66 46	67 46	75 49	85 55	68 57	79 54	62 44	60 40	62 44	71 48	78 55	78 58	79 60	70 54	63 48	73 49	67 47	55 44	65 47	65 43	54 39	55 39	62 46	53 42	52 41	64 37	66.8 48.9		
SOLOMONS	MAX MIN	73 63	79 54		69 47	66 46	73 49	86 55	85 54	79 48	62 41	61 42	67 47	79 52	78 42	78 47																			
* * *																																			
UPPER SOUTHERN 04																																			
ANNAPOLIS POLICE BRKS	MAX MIN	77 59	81 58	74 56	65 50	65 49	65 47	65 44	71 45	77 54	74 51	62 45	58 42	59 39	66 51	72 47	79 51	77 65	77 58	68 45	71 46	71 48	62 43	60 44	63 53	61 40	57 35	63 45	59 41	53 40	63 34	59 34	63 34	66.7 47.7	
BALTIMORE WSO AP	MAX MIN	80 60	83 57	58 52	65 47	65 50	64 43	67 41	74 43	81 50	60 53	73 51	63 43	58 40	60 34	73 46	78 44	81 51	79 61	70 53	62 43	73 44	65 46	54 36	59 36	61 44	51 36	53 32	63 47	51 37	55 34	65 31	65.9 44.7		
BELTSVILLE	MAX MIN	73 57	79 58	82 53	57 48	63 47	65 41	64 38	67 39	75 47	80 52	72 45	61 39	58 29	59 39	73 42	79 40	80 42	77 50	70 42	62 41	73 42	68 32	55 33	60 48	60 39	50 29	53 38	63 37	50 34	55 27	66.1 41.9			
COLLEGE PARK	MAX MIN	72 59	79 59	81 55	58 50	65 49	64 45	65 40	68 42	75 49	82 53	58 42	73 48	61 43	59 34	60 41	73 42	79 47	80 54	78 57	72 45	63 43	74 43	69 35	55 35	59 43	60 41	51 35	54 41	64 36	51 29	56 29	66.4 44.7		
DALECARLIA RESVR D C	MAX MIN	79 55	80 59	78 53	65 46	64 47	65 42	68 38	76 38	82 48	77 47	73 51	71 45	58 37	60 32	74 40	79 42	80 46	80 53	70 55	73 41	73 42	65 42	60 34	60 47	54 43	55 34	60 47	54 39	55 31	66 44	63 36	68.9 43.0		
GLENN DALE BELL STA	MAX MIN	77 55	82 55	80 52	65 42	65 44	66 37	68 36	74 38	81 46	76 52	72 47	71 43	58 36	60 30	74 37	80 39	78 47	78 63	75 54	70 39	73 39	72 40	68 29	58 31	60 44	53 39	54 29	64 40	62 38	58 33	65 27	68.9 41.3		
LAUREL 3 W	MAX MIN	80 57	81 53	57 49	65 53	66 46	66 44	67 44	75 48	81 53	62 51	71 49	59 46	59 41	60 39	73 46	78 48	80 53	77 57	62 43	73 44	69 47	55 37	59 41	51 33	53 36	63 41	51 33	53 36	63 44	51 38	65 33	65.8 44.9		
NATIONAL ARBORETUM D C	MAX MIN	71 58	78 58	81 55	60 50	64 50	64 46	65 41	68 44	74 44	83 53	59 52	72 48	61 43	59 39	61 41	74 44	79 45	81 54	78 55	71 46	63 44	73 45	68 38	56 36	60 41	59 37	53 31	55 39	63 41	52 38	57 34	66.5 45.1		
UPPER MARLBORO 3 NNW	MAX MIN	71 58	77 56	82 54	60 48	65 47	64 42	65 37	68 39	75 41	84 51	59 49	73 45	62 41	60 32	61 34	74 40	80 40	80 50	78 56	70 44	64 42	73 41	68 32	55 32	60 37	60 40	54 33	55 38	64 41	52 35	57 28	66.8 42.0		
* * *																																			
NORTHERN EASTERN SHORE 05																																			
CENTREVILLE	MAX MIN																																		
CHESTERTOWN	MAX MIN	80 61	80 60	62 53	65 50	66 49	66 45	66 42	75 44	79 52	62 50	71 53	61 47	58 45	58 41	71 44	76 44	79 49	77 60	70 57	62 47	71 46	66 46	55 35	59 37	66 46	49 41	52 37	60 46	51 38	54 34	62 34	65.5 46.2		

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DAILY TEMPERATURES

MARYLAND AND DELAWARE
OCTOBER 1980

STATION	DAY OF MONTH																															AVERAGE	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
MARYLAND																																	
* * *																																	
NORTHERN CENTRAL 06																																	
ABERDEEN PHILLIPS FLD	MAX MIN	78 59	79 62	79 53	64 49	65 45	65 46	65 42	73 40	76 47	73 50	70 55	64 46	57 41	59 38	65 42	74 42	78 64	77 64	74 57	67 43	72 42	63 33	56 36	60 51	54 41	50 37	58 43	58 35	53 33	63 28	66.5 44.7	
BALTIMORE HSO CI	MAX MIN	81 63	82 56	58 55	63 51	66 50	66 49	68 57	76 50	80 57	60 52	73 54	61 49	58 46	60 41	70 51	78 57	80 62	78 48	72 60	62 48	74 49	65 48	54 43	56 43	59 43	48 40	53 38	63 40	50 41	57 37	65 41	65.6 49.1
BENSON POLICE BARRACKS	MAX MIN	82 55	79 61	80 51	67 46	70 45	69 42	69 39	75 41	80 43	73 50	70 47	66 44	59 41	63 35	64 41	78 43	78 45	72 60	72 45	71 30	72 42	69 45	63 30	63 33	60 46	53 35	53 33	67 40	60 32	59 34	65 26	68.7 42.5
BOYDS 2 NW	MAX MIN	79 58	80 59	64 50	63 47	62 45	63 39	69 41	75 43	79 51	75 50	75 47	63 44	57 39	57 33	71 40	79 43	80 50	78 60	70 43	71 56	74 43	70 46	64 36	59 38	57 45	48 37	53 31	69 43	56 36	53 33	64 29	67.0 43.7
CATOCTIN MOUNTAIN PARK	MAX MIN	71 53	70 53	65 48	56 43	55 41	55 48	60 43	68 48	70 57	65 45	66 45	63 41	49 38	52 40	65 40	70 40	74 46	70 56	65 51	62 38	66 42	64 44	55 34	54 33	52 38	40 32	46 31	57 39	50 31	55 30	57 35	60.4 42.0
CLARKSVILLE 3 NNE	MAX MIN	79 53	82 58	78 51	64 44	66 45	64 35	69 36	78 44	80 44	73 51	73 49	71 39	57 41	59 28	74 40	80 38	80 41	80 41	71 40	67 40	73 40	72 40	64 39	57 28	59 41	51 32	54 34	66 40	62 31	55 25	64 23	68.5 39.7
CONOWINGO DAM	MAX MIN	80 55	79 55	59 52	64 45	67 47	65 40	67 39	72 42	75 48	72 47	68 48	62 38	57 47	60 33	64 40	73 40	78 46	76 58	72 53	62 39	72 40	58 48	53 29	58 32	61 41	50 32	52 34	58 40	51 34	63 29	64.6 41.5	
DAMASCUS 2 SW	MAX MIN	77 52	80 54	81 48	61 45	62 45	63 37	68 41	74 44	79 54	64 48	74 47	62 41	56 41	57 38	72 42	79 46	79 53	76 60	68 54	58 42	70 43	65 46	55 32	57 35	46 44	51 29	52 34	62 43	52 31	52 29	62 33	64.5 43.0
EMMITSBURG 2 SE	MAX MIN	79 49	78 54	63 47	61 47	62 42	64 38	68 39	76 36	78 52	77 46	74 46	71 42	57 40	59 28	68 40	79 38	80 45	77 36	71 41	71 41	69 56	65 42	60 40	57 31	50 44	50 37	61 41	58 33	55 31	63 28	66.8 40.9	
FREDRICK POLICE BRKS	MAX MIN	78 52	80 62	66 52	62 48	62 48	63 44	69 44	74 43	78 55	77 44	77 48	74 48	58 44	58 38	69 46	79 44	80 51	79 63	75 58	73 44	72 48	64 36	60 36	58 46	52 39	52 35	62 43	58 35	55 35	64 32	67.7 45.4	
PARKTON 2 SW	MAX MIN	80 51	78 53	59 47	62 42	63 41	63 39	66 38	73 41	77 48	77 46	71 48	60 38	57 46	58 38	65 40	77 40	78 46	74 58	69 47	61 40	70 40	64 42	52 28	58 31	58 41	48 34	51 32	60 43	50 29	53 25	61 29	63.5 40.1
ROCKVILLE 3 NE	MAX MIN	82 52	80 50	84 48	65 44	61 43	66 36	71 44	77 35	81 43	77 42	75 39	75 43	60 46	61 36	75 40	80 36	81 41	80 36	72 36	71 41	75 38	73 37	69 26	60 38	62 46	52 35	52 36	62 41	58 31	63 32	67 22	70.5 38.7
TOWSON	MAX MIN	80 54	78 59	76 47	64 47	64 47	68 75	80 80	73 71	71 70	70 48	70 44	58 44	61 48	70 44	76 48	79 41	79 41	79 41	71 41	69 43	72 43	65 44	58 36	59 39	50 38	53 38	62 39	60 36	56 35	63 35	67.9	
UNIONVILLE	MAX MIN	80 42	81 54	62 46	61 41	62 38	63 28	67 32	75 31	78 41	75 46	69 45	69 47	57 31	58 24	69 38	80 35	80 37	77 59	70 51	65 38	73 38	67 38	57 25	57 28	60 48	57 48	56 38	64 43	52 31	56 27	64 22	66.3 37.8
WESTMINSTER POLICE BRK	MAX MIN	76 50	79 61	78 50	59 47	60 43	61 41	66 44	76 46	80 57	75 46	71 48	70 54	55 46	53 37	68 43	76 45	77 50	76 58	67 45	76 39	74 43	69 53	62 39	64 43	64 46	50 35	49 34	58 41	49 34	60 32	66.1 43.9	
WOODSTOCK	MAX MIN	80 54	81 59	62 51	64 45	65 46	65 43	69 39	75 39	79 47	72 50	75 46	68 41	57 40	58 31	73 42	80 41	80 41	77 62	72 54	62 41	73 43	69 42	60 30	59 31	58 45	48 36	52 32	64 42	57 35	55 31	64 26	66.9 42.1
* * *																																	
APPALACHIAN MOUNTAIN 07																																	
CUMBERLAND 2	MAX MIN	82 52	79 44	68 44	65 42	59 31	67 32	71 37	80 38	78 50	74 45	74 47	70 44	55 34	60 35	76 39	83 42	83 43	78 55	72 45	65 42	73 41	69 31	62 30	63 30	55 35	45 34	53 34	57 32	54 28	60 28	64 41	67.5 38.9
FROSTBURG 2	MAX MIN	65 48	73 50	61 45	63 42	49 38	52 32	56 30	61 40	70 40	68 49	58 42	64 40	47 37	48 32	51 32	69 34	73 48	74 46	67 47	62 37	50 31	62 41	59 29	48 27	53 32	47 28	34 27	46 26	52 29	44 25	52 22	57.4 36.3
HAGERSTOWN	MAX MIN	79 48	76 60	66 48	61 45	61 39	63 35	68 42	76 44	78 52	70 46	74 47	67 43	57 42	58 33	70 42	79 42	79 51	75 62	71 54	65 40	72 45	68 45	59 33	58 34	54 43	49 34	50 33	57 41	54 32	64 29	65.5 42.3	
HANCOCK FRUIT LAB	MAX MIN	70 47	76 47	73 43	67 41	59 37	58 29	59 31	67 33	73 41	74 47	53 49	72 47	57 44	56 26	58 28	66 38	74 40	80 40	76 50	68 40	54 37	68 40	54 25	54 36	58 30	51 34	48 33	52 38	58 31	51 24	62.8 36.7	
* * *																																	
ALLEGHENY PLATEAU 08																																	
MC HENRY 2 NW	MAX MIN	65 48	73 52	60 43	60 44	52 35	48 31	52 39	57 39	65 40	61 45	62 44	60 37	41 33	44 30	48 31	64 46	68 45	70 48	64 43	58 33	45 33	60 41	53 30	52 30	50 33	45 25	30 22	48 24	50 27	39 26	45 29	54.5 36.1
DAKLAND 1 SE	MAX MIN	75 41	71 46	63 43	55 38	50 39	56 25	61 35	68 31	68 48	71 45	72 45	58 35	49 35	50 26	69 32	72 33	73 34	68 55	62 41	55 32	62 41	61 34	59 25	53 34	52 32	35 28	49 24	55 41	44 30	52 20	59.4 35.2	
SAVAGE RIVER DAM	MAX MIN	64 44	70 48	76 48	64 42	50 39	54 28	59 28	62 36	72 36	67 46	57 45	66 44	49 40	50 29	54 29	70 35	74 40	77 40	66 43	64 39	53 39	65 41	62 27	50 26	54 33	48 31	39 28	51 28	52 32	45 25	53 25	58.7 35.8

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DAILY TEMPERATURES

MARYLAND AND DELAWARE
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STATION	DAY OF MONTH																															AVERAGE	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
DELAWARE																																	
* * *																																	
NORTHERN 01																																	
MIDDLETOWN 1 WSW	MAX MIN	78 59	82 57	74 54	64 48	65 45	65 45	65 38	73 41	76 48	75 48	69 56	62 43	57 40	59 37	70 42	77 40	79 48	76 61	68 56	67 42	71 40	70 38	68 30	58 39	67 49	50 39	52 37	58 43	58 35	53 35	60 30	66.6 44.0
NEWARK UNIVERSITY FARM	MAX MIN			62 53	64 48	65 46	65 44	65 40	74 40	76 48	75 46	68 56	68 41	58 38	58 37	68 42	76 42	80 45	78 63	75 56	69 43	71 40	70 44	62 31	59 37	65 49	53 38	52 35	57 42	56 35	53 35	62 28	65.7 42.8
WILMINGTON WSO AP	MAX MIN	78 60	76 58	62 53	65 49	65 49	65 44	65 43	73 43	75 50	61 49	70 50	62 44	58 40	60 36	67 46	73 44	80 49	78 60	69 54	62 44	71 45	65 43	54 33	60 40	68 42	50 40	51 37	57 45	50 35	54 35	62 30	64.7 44.8
WILMINGTON PORTER RESVR	MAX MIN	78 59	77 57	60 53	64 49	63 47	68 43	64 46	71 48	72 50	60 51	67 49	59 47	53 39	56 35	64 44	75 45	77 53	75 58	68 54	59 39	70 40	62 43	52 35	57 38	65 43	48 38	52 36	54 42	49 35	53 35	61 37	63.0 44.8
* * *																																	
SOUTHERN 02																																	
BRIDGEVILLE 1 NW	MAX MIN	71 60	80 59	75 53	68 45	66 44	66 44	65 38	74 40	79 51	71 50	77 53	62 41	58 38	58 32	73 37	78 43	79 50	77 49	75 54	68 43	71 39	70 39	62 35	60 38	67 52	54 41	52 32	59 44	59 41	53 38	62 30	67.4 43.6
DOVER																																	
GEORGETOWN 5 SW	MAX MIN	73 62	69 62	78 57	63 47	67 46	58 48	65 37	65 42	74 47	80 55	70 51	78 44	60 41	57 34	56 38	71 47	77 54	78 55	78 58	67 45	60 40	70 42	64 39	53 37	64 43	69 41	51 29	56 39	60 42	47 38	52 29	65.5 44.8
MILFORD 2 WSW	MAX MIN	71 62	80 64	77 57	67 48	65 46	67 47	66 38	76 44	81 54	75 55	79 58	67 40	60 38	59 36	73 39	79 46	82 53	79 65	76 57	67 44	72 42	67 45	59 38	59 40	69 52	56 40	54 32	60 43	58 40	53 36	63 30	68.3 46.1

SEE REFERENCE NOTES FOLLOWING STATION INDEX

EVAPORATION AND WIND

MARYLAND AND DELAWARE
OCTOBER 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	.08	.10	.21	.02	.12	.16	.13	.12	.10	.15	*	.20	.14	.16	.12	.09	.10	.11	.09	.13	.15	.13	.11	.11	.06	.16	.15	.05	.08	.07	.08	3.48	
	WIND	28	16	37	10	41	32	28	7	9	28	*	58	80	86	44	5	7	37	28	35	53	37	22	17	59	169	91	31	64	31	21	1211	
	MAX	72	78	83	60	50	67	70	70	73	74	-	88	67	57	60	68	72	76	75	75	63	68	67	56	59	59	52	52	56	54	55	65.2	
	MIN	60	60	57	52	38	47	47	47	49	53	-	48	42	40	40	46	47	52	52	46	45	47	40	42	44	36	40	40	40	40	40	45.9	
UPPER MARLBORO 3 NNW	EVAP	.08	.10	.06	.06	.10	.09	.10	.14	.05	.25	.09	.07	.15	.25	.10	.09	.03	.13	.15	.12	.02	.12	.13	.06	.15	.06	.20	-	.07	.09	.04	3.268	
	WIND	30	13	26	5	10	11	14	11	10	30	16	13	37	40	21	7	9	47	32	13	26	25	13	19	56	93	42	20	38	18	6	751	
	MAX	70	76	81	60	68	67	71	69	74	76	57	66	62	60	62	70	74	74	74	72	65	69	69	57	59	58	53	54	57	56	57	65.7	
	MIN	58	58	58	57	51	48	46	45	46	52	51	45	41	38	38	43	47	52	59	46	46	46	41	40	40	36	36	35	43	41	37	45.8	
ALLEGHENY PLATEAU 08																																		
SAVAGE RIVER DAM	EVAP	.04	.11	.01	.10	.01	.20	.09	.10	*	.08	*	.22	.00	.09	.01	.00	.00	.07	.10	.10	.06	.00	.15	.16	-	.01	.00	.10	.00	.05	.03	1.958	
	WIND	23	15	30	36	35	32	27	30	28	28	32	59	63	69	22	26	21	19	20	47	39	42	44	45	82	80	64	23	58	40	26	1205	
	MAX	61	70	58	62	55	54	60	63	67	60	57	65	56	52	51	61	63	75	63	60	51	63	56	48	47	47	39	46	47	46	44	56.4	
	MIN	50	48	48	46	43	37	36	43	42	50	48	56	42	36	35	39	44	45	42	42	42	43	36	35	32	35	33	33	36	35	34	41.1	

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EVAPORATION AND WIND

MARYLAND AND DELAWARE
OCTOBER 1980

STATION	DAY OF MONTH																															TOTAL OR AVG.	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
DELAWARE																																	
SOUTHERN 02																																	
GEORGETOWN 5 SW																																	
EVAP	.06	.01	.18	.03	.13	.10	.14	.09	.13	.16	.12	.25	.09	.12	.12	.13	.15	-	-	.15	.15	.15	.11	-	-	.18	.07	.04	.06	.03	3.528		
WIND	102	41	69	53	42	54	42	25	54	74	74	83	71	74	48	55	77	142	118	42	66	84	54	53	159	201	96	75	105	38	19	2290	
MAX	72	70	72	64	70	62	70	66	73	79	70	72	66	59	61	71	74	72	71	68	65	69	65	56	56	57	62	72	55	57	45	52	65.7
MIN	60	64	59	51	52	49	45	46	48	55	49	51	44	40	39	46	54	52	57	48	46	47	42	42	40	37	40	39	43	40	41	47.3	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

MARYLAND AND DELAWARE
OCTOBER 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
MECHANICVILLE 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 H 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
OCTOBER 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 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

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.

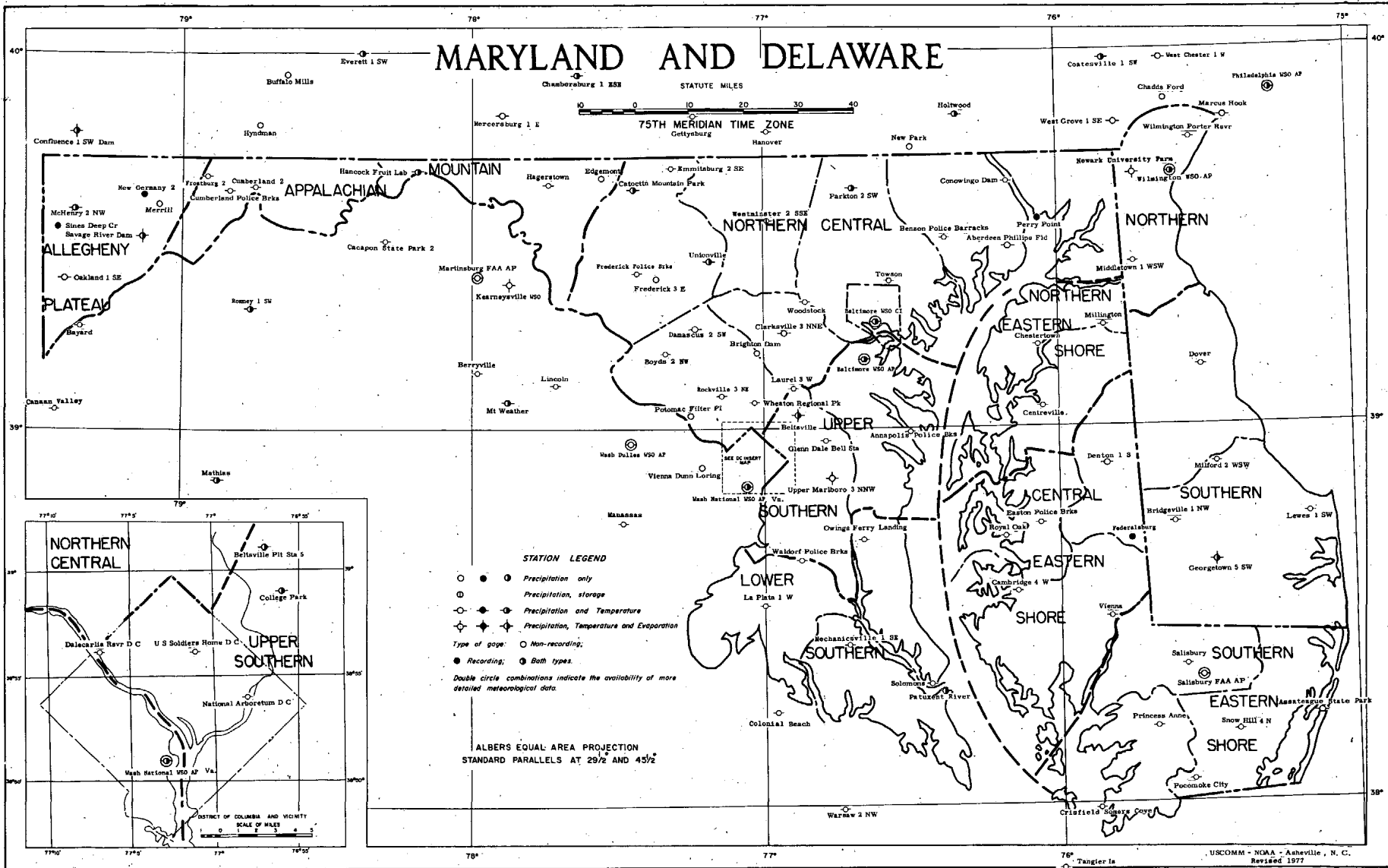
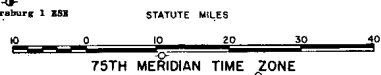
General weather conditions in the U.S. for each month are described in the CLIMATOLOGICAL DATA NATIONAL SUMMARY and STORM DATA.

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

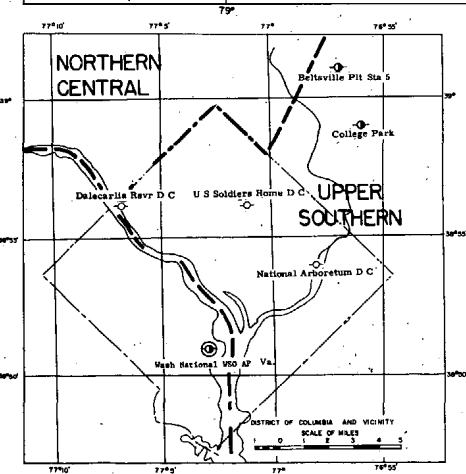
USCOMM-NOAA-ASHEVILLE, N.C. 1980-940

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.

ALBERS EQUAL AREA PROJECTION
STANDARD PARALLELS AT 29 1/2 AND 45 1/2



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