

Climatological Data



MARYLAND AND DELAWARE

TEMPERATURE AND PRECIPITATION EXTREMES

HIGHEST TEMPERATURE:	2 STATIONS		85	DATE 23+
LOWEST TEMPERATURE:	OAKLAND 1 SE	MD.	21	DATE 29+
GREATEST TOTAL PRECIPITATION:	SALISBURY FAA AP	MD.	3.06	
LEAST TOTAL PRECIPITATION:	PATUXENT RIVER	MD.	.69	
GREATEST 1 DAY PRECIPITATION:	SALISBURY FAA AP	MD.	2.58	DATE 01
GREATEST TOTAL SNOWFALL:	2 STATIONS		2.0	

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													
							01	07	13	19										
BALTIMORE WSO AP MD	28	3.1	8.0	25	NW	27	77	82	51	62	1	6	5	0	0	0	12	67	4.2	
WILMINGTON WSO AP DEL	30	2.4	7.6	22++	32	07	80	83	48	67	4	4	3	1	0	0	12	-	4.4	

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.

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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 1978

STATION		TEMPERATURE										PRECIPITATION														
		AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	DEGREE DAYS	NO. OF DAYS				TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	SNOW, SLEET			NO. OF DAYS				
											MAX.	MIN.	30" OR MORE	15" OR MORE					5" OR MORE	1" OR MORE	TOTAL	MAX. DEPTH ON GROUND	DATE	-10 OR MORE	-50 OR MORE	-1.00 OR MORE
MARYLAND																										
SOUTHERN EASTERN SHORE 01																										
ASSATEQUE STATE PARK		68.5	49.4	59.0		80	23	33	25	205	0	0	0	0	2.10		.80	17	.0	0		4	2	0	0	
CRISFIELD SOMERS COVE		69.1M	49.5M	59.3M	- 2.9	76	5	36	18	189	0	0	0	0	.88	- 2.19		.0	0							
POCOMOKE CITY		69.8M	46.2M	58.0M		80	13	30	20	233	0	0	2	0	1.28		.64	1	.0	0		4	1	0	0	
PRINCESS ANNE		70.5	43.5	57.0		80	13	27	25	252	0	0	0	0	1.38		1.08	1	.0	0		3	1	1	1	
SALISBURY		71.3	45.3	58.3	- 1.3	81	23	31	25	226	0	0	2	0	2.07	- 1.12	1.26	1	.0	0		4	1	1	1	
SALISBURY FAA AP		68.2	42.8	55.5		81	23	27	25	301	0	0	4	0	3.06		2.58	1	.0	0		3	1	1	1	
SNOW HILL 4 N		70.0	41.3	55.7	- 3.0	82	23	25	25	295	0	0	7	0	1.39	- 2.26	.83	1	.0	0		4	1	0	0	
DIVISION				57.5	- 2.0									1.74	- 1.52			.0								
CENTRAL EASTERN SHORE 02																										
CAMBRIDGE WTR TRMT PL		70.5	46.7M	58.6M		81	23+	33	25+	219	0	0	0	0	1.01	- 1.96	.51	17	.0	0		3	1	0	0	
DENTON 1 S		70.2M	43.4M	56.8M	- 1.6	81	23+	30	18	257	0	0	3	0	1.90	- 1.03	.62	17	.0	0		5	1	0	0	
ROYAL OAK		68.8	47.0	57.9		81	23+	35	18	227	0	0	0	0	1.28		.35	17	.0	0		6	0	0	0	
VIENNA		70.4	46.2	58.3		85	23	32	18	222	0	0	1	0	1.23		.62	17	.0	0		3	1	0	0	
DIVISION				57.9	- 1.2									1.36	- 1.53			.0								
LOWER SOUTHERN 03																										
LA PLATA 1 W		69.3	44.6	57.0	- 1.2	84	26	33	28+	254	0	0	0	0	1.15	- 2.00	.41	4	.0	0		4	0	0	0	
MECHANICSVILLE 1 SE																	.38	4	.0	0						
OWINGS FERRY LANDING		68.8	41.5M	55.2M	- 3.3	84	23	30	18	283	0	0	2	0	1.08	- 1.97	.37	4	.0	0		4	0	0	0	
PATUXENT RIVER		69.2	47.9	58.6		84	23+	38	25	219	0	0	0	0	.69		.29	4	.0	0		2	0	0	0	
SOLOMONS		66.5	50.5M	58.5M	- 2.8	83	23	42	25+	212	0	0	0	0	.90	- 1.89	.24	17+	.0	0		4	0	0	0	
DIVISION				57.3	- 1.4									.96	- 2.11			.0								
UPPER SOUTHERN 04																										
ANNAPOLIS POLICE BRKS		69.1	46.0	57.6	- .6	83	23	34	9	237	0	0	0	0	.92	- 1.59	.25	17	.0	0		5	0	0	0	
BALTIMORE WSO AP		68.9	43.3	56.1	- 1.3	85	13	33	25	280	0	0	0	0	.71	- 2.10	.12	4	.0	0		5	0	0	0	
BELTSVILLE		67.5M	38.0M	52.8M		83	24	28	25+	382	0	0	7	0	.90		.33	6	.0	0		3	0	0	0	
COLLEGE PARK		68.0	44.1	56.1	- 1.8	83	24	31	25	282	0	0	1	0	.90	- 1.97	.36	6	.0	0		2	0	0	0	
DALECARLIA RESVR D C		67.9	43.5	55.7		84	23	33	9	289	0	0	0	0	1.07		.27	5	.0	0		4	0	0	0	
GLENN DALE BELL STA		70.7	40.2	55.5	- 1.5	82	23+	28	25+	293	0	0	9	0	1.58	- 1.46	.30	6	.0	0		7	0	0	0	
LAUREL 3 W		67.4	43.7	55.6		82	23	35	25+	293	0	0	0	0	1.23		.51	4	.0	0		4	1	0	0	
NATIONAL ARBORETUM D C		68.4	43.1	55.8		84	24	34	28	287	0	0	0	0	1.29		.59	6	.0	0		4	1	0	0	
UPPER MARLBORO 3 NNW		68.1	38.8	53.5		83	24+	29	25	355	0	0	7	0	1.12		.28	6	.0	0		5	0	0	0	
DIVISION				55.4	- 2.3									1.08	- 1.78			.0								
NORTHERN EASTERN SHORE 05																										
CENTREVILLE		66.5	40.0M	54.3M		82	26+	26	28	330	0	0	9	0	1.33		1.00	4	.0	0		2	1	1	1	
CHESTERTOWN		67.9	42.7	55.3	- 3.5	81	23	31	18	299	0	0	1	0	1.18	- 1.55	.34	16	.0	0		4	0	0	0	
WILLINGTON		67.9	41.0	54.5	- 3.4	83	13	28	28+	323	0	0	6	0	1.42	- 1.17	.55	17	.0	0		5	1	0	0	
DIVISION				54.7	- 4.0									1.31	- 1.33			.0								
NORTHERN CENTRAL 06																										
ABERDEEN PHILLIPS FLD		68.1	43.9	56.0		81	23	31	18	277	0	0	2	0	.94		.59	17	.0	0		2	1	0	0	
BALTIMORE WSO CI		67.9	48.7	58.3	- 2.4	84	23	40	25+	220	0	0	0	0	.82	- 2.04	.31	5	.0	0		3	0	0	0	
BENSON POLICE BARRACKS		69.9	41.6	55.8		83	23	30	25	280	0	0	4	0	1.34		.32	17+	.0	0		5	0	0	0	
BOYDS 2 NW		67.4	43.6	55.5		81	23	32	18	292	0	0	1	0	1.15		.55	6	.0	0		3	1	0	0	
CATOCTIN MOUNTAIN PARK		61.0	43.5	52.3		73	25+	32	25	391	0	0	1	0	1.87		.63	14	.0	0		4	1	0	0	
CLARKSVILLE 3 NNE		68.1	38.0	53.1		82	22	25	25	364	0	0	10	0	1.87		.94	6	.0	0		4	1	0	0	
CONOWINGO DAM		66.7	38.3	52.5	- 3.6	81	23	29	25+	377	0	0	8	0	1.94		.95	14	.0	0		5	1	0	0	
DAMASCUS 2 SW		65.2	43.5	54.4		79	23+	32	30+	326	0	0	2	0	1.03		.34	6	.0	0		3	1	0	0	
EMMITSBURG 2 SE		67.5	37.8	52.7		80	23+	25	28+	375	0	0	14	0	1.68		.92	14	.0	0		4	0	0	0	
FREDRICK POLICE BRKS		68.0	43.9	56.0		80	23+	33	25+	280	0	0	0	0	1.27		.40	6	.0	0		4	0	0	0	
PARKTON 2 SW		64.8M	38.7	51.8M		81	23	29	18	398	0	0	7	0	1.73		.69	5	.0	0		6	1	0	0	
ROCKVILLE 3 NE		69.4	37.9	53.7		81	13	25	9	345	0	0	10	0	1.27		.66	6	.0	0		4	1	0	0	
TOWSON		67.7	44.7	56.2		81	13	36	24+	274	0	0	0	0	2.50		.70	24	.0	0		7	3	0	0	
UNIONVILLE		66.0	38.1	52.1	- 2.5	79	23+	25	30	396	0	0	12	0	1.12	- 1.55	.57	6	.0	0		4	1	0	0	
WESTMINSTER 2 SSE																										
WOODSTOCK		67.6M	40.8M	54.2M	- 1.4	81	22	29	25	331	0	0	5	0	1.96	- .97	1.15	6	.0	0		5	1	1	1	
DIVISION				54.3	- 2.1									1.50	- 1.38			.0								
APPALACHIAN MOUNTAIN 07																										
CUMBERLAND 2		69.0	37.7	53.4		84	22	27	25+	354	0	0	9	0	.80		.30	14	.0	0		3	0	0	0	
FROSTBURG 2		58.9	37.1	48.0		75	23	28	26+	519	0	0	9	0	1.45		.42	14	2.0	0		4	0	0	0	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

MARYLAND AND DELAWARE
OCTOBER 1978

STATION	TEMPERATURE												PRECIPITATION											
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	DEGREE DAYS	NO. OF DAYS				TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	SNOW, SLEET			NO. OF DAYS			
										MAX.		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											
HAGERSTOWN HANCOCK FRUIT LAB DIVISION ■ ■ ■ ALLEGHENY PLATERU 08	65.7 63.3	42.3 37.7	54.0 50.5		80 79	13 24	31 24	18 25	337 442	0 0	0 0	4 10	0 0	2.10 1.29	- 1.45	.85 .63	13 14	.0 .0	0 0		5 4	2 1	0 0	
			51.5	- 3.7										1.41	- 1.30			.5						
MCHENRY 2 NW OAKLAND 1 SE SAVAGE RIVER DAM DIVISION	56.0 60.3 60.6	37.5 32.5 35.5	46.8 46.4 48.1	- 4.0	70 74 75	1 22 13	28 21 25	25 29 26	557 568 518	0 0 0	0 0 0	9 15 12	0 0 0	3.05 2.52 1.24	- .39	1.13 .57 .41	27 27 27	2.0 .5 .0	0 0 0		8 8 4	1 1 0	1 0 0	
			47.1	- 3.1										2.27	- .66			.8						

SEE REFERENCE NOTES FOLLOWING STATION INDEX

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

MARYLAND AND DELAWARE
OCTOBER 1978

STATION	TEMPERATURE													PRECIPITATION											
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	DEGREE DAYS	NO. OF DAYS				TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	SNOW. SLEET			NO. OF DAYS				
										MAX.	MIN.							TOTAL	DATE	TOTAL	MAX. DEPTH ON GROUND	DATE	-10 OR MORE	-50 OR MORE	-100 OR MORE
											30° OR ABOVE	32° OR BELOW	32° OR BELOW												
DELAWARE																									
" "																									

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION

MARYLAND AND DELAWARE
OCTOBER 1978

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	2.10		.32	.66										.25			.80	.02							.05	T							
CRISFIELD SOMERS COVE	.88	*		.60										.18						.05										.05			
POCONO CITY	1.28		.64	.24										.11			.21								.08			T			.01		
PRINCESS ANNE	1.38		1.08	.10										.19																			
SALISBURY	2.07		1.26	.17			.03							.20			.25								.08				.08				
SALISBURY FAA AP	3.05	2.58	.02		T	T								.13			.20	.02		T					.03	.06				.02			
SHOW HILL 4 N	1.39		.83	.11		.01	T							.14				.24							.06								
* * * CENTRAL EASTERN SHORE 02																																	
CAMBRIDGE WTR TRMT PL	1.01	T	.06		.17		.02							T			.51		.03										.22				
DENTON 1 S	1.80	.33	T		.35	T								T			.09	.62		.05					.15				.31				
ROYAL OAK	1.28	T	.03		.17	.02	.18		T					.01			.05	.35		.10					.17				.20				
VIENNA	1.23		.10		.31		.02							.06			.62		.03										.08				
* * * LOWER SOUTHERN 03																																	
LA PLATA 1 W	1.15				.41	.14	.17										.18	.04		.09					.05				.07				
MECHANICSVILLE 1 SE					.38	.11	.08																										
OHINGS FERRY LANDING	1.08		T		.37	.18											.25	.03	.15	T					.03				.07				
PATUXENT RIVER	.69		.03		.29		.02										.24	.01							.07	T			.03				
SOLOMONS	.80			.24	.24												.24	.01		.01					.10				.06				
* * * UPPER SOUTHERN 04																																	
ANNAPOLIS POLICE BRKS	.92				.12	.05	.06							.12			.03	.25		.05					.10				.14				
BALTIMORE WSO AP	.71	.03			.12	.10	.04		T					.10			.10	.01		.01				.05		.10		.05		.10			
BELTSVILLE	.90				.05	.12	.33										.09		.05					.09					.17				
COLLEGE PARK	.90		T		.09	.08	.36			T				T	T		.07	T	.05	T				.07					.18				
DALCARRIA RESVR D C	1.07				.26	.27	.20										.08	.05		.09									.12				
GLENN DALE BELL STA	1.58		.03		.27	.17	.30							.22			T	.16		.07					.15				.21				
LAUREL 3 W	1.23			.26	.51		.07										.12	T		.03				.06					.18				
NATIONAL ARBORETUM D C	1.29				.08	.19	.58							.04			.07		.10	.02					.07				.12				
UPPER MARLBORO 3 NW	1.12				.27	.28								.05			.15		.06	.07				.10				.14			.01		
* * * NORTHERN EASTERN SHORE 05																																	
CENTREVILLE	1.33				1.00														.33														
CHESTERTOWN	1.18		.02		.23	T	.01							.10			.34	.05	T	.04				.08				.30					
MILLINGTON	1.42		.18		.17	.02											.15	.55		.05									.30				
* * * NORTHERN CENTRAL 06																																	
ABERDEEN PHILLIPS FLD	.94		T		.17	.03	.07										T	.59		.02									.06				
BALTIMORE WSO CI	.82	.03			.13	.31	.04							.03			.13								.07				.08				
BENSON POLICE BARRACKS	1.34		.01		.18	T	.32							.30			.32		.01										.20				
BOYDS 2 NW	1.15				.20		.55							.08															.30				
BRIGHTON DAM	2.27	.01			.17	.80	.13							.02			.80	.02		.03				.04			.01	.18					
CATOCTIN MOUNTAIN PARK	1.87				.34	.03	.34							.45	.63		.08																
CLARKSVILLE 3 NE	1.87	T			.27	.25	.94		T					T			.07	.09		.03							T	.18					
CONOWINGO DAM	1.94				.14	.04	.20							T	.95		.20	.05		.03				.04			.07	.22					
DAMASCUS 2 SW	1.03	T			.15	.14	.34		T					T			.13	T		.04					.01		T	.22					
EMMITSBURG 2 SE	1.68				.32	.04	.30							.82			.02	.08															
FREDERICK POLICE BRKS	1.27				.24	.03	.40							.37			.03	.08									.02	.10					
FREDERICK 3 E	1.46		T		.11		.85							.20			.14											.15					
PARKTON 2 SW	1.73		.01		.18	.59	.15							T	.01		.26	.05		.04				.03			.18	.12					
POTOMAC FILTER PLANT	.98				.12	.86											.03		.07									.08					
ROCKVILLE 3 NE	1.27	T			.18	.06	.66										.11		.02														
TOWSON	2.50		.05		.15	.02	.20							.50			.10	.27		.01					.70		.50						
UNIONVILLE	1.12				.11	T	.57							.06			.10	.04		.01								.23					
WESTMINSTER 2 SSE																																	
WOBOSOCK	1.68	T	T		.16	.20	1.15	T						T			.07	.11		T					.05			.22					
* * * APPALACHIAN MOUNTAIN 07																																	
CUMBERLAND 2	.80				.25				.03	T							.30	T		.20								.02					
EDGEHONT	2.34				.20	.10	.05										1.43		.13						T			.43					
FREESTBURG 2	1.48		T		.26	T			.01	.07	.01		.03	T	.42	.03	T	.25		.02	.03				.04			.28					
HAGERSTOWN	2.10				.25		.08			.07				.85	.58		.10										.10	.07					
HANCOCK FRUIT LAB	1.28		.03		.28	T								.83				.16										.19					
* * * ALLEGHENY PLATEAU 08																																	
MCHEERY 2 NW	3.05	.01	.02		.14		.04		.04	.12			.06			.49	.15	T	.48		.08					.18		.10	1.13				
MERRILL																																	
POCONO 1 SE	2.52	.03		T	.22	.01	.02		.05	.10	T			.03		.43	.04		.26	.12	T	.05					.16		.41	.57			
SAVAGE RIVER DAM	1.24		.02		.15		T			.09			.03		.16	.02		.31		.03						.02		T	.41				

DAILY PRECIPITATION

MARYLAND AND DELAWARE
OCTOBER 1978

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																																
* * * 01																																
NORTHERN																																
MIDDLETOWN 1 MSW	1.12	.07			.14	.01	.05							T		.03	.57			.01					.05							.19
NEWARK UNIVERSITY FARM	1.46	.24	.02		.09	.03	.09							.07		.04	.68			.01					.01							.18
WILMINGTON USG AP	1.48	.32			.07	T	.26			T				.02		.59	.05			T				T				.02			.15	
WILMOTON PORTER RESVR	1.89	.64			.03	.04	.12							.02		.52	.25			.03	T				.01						.23	
* * * 02																																
SOUTHERN																																
BRIDGEVILLE 1 MSW	1.15	T	.04		.15	.02	.02							.04			.65			.01						.16						.06
DOVER	1.78				.13		.07							.03		.10	1.10			.02						.14						.19
GEORGETOWN 5 SW	.84		.10			.03	.07							.18			.34									.11						.08
LEWES 1 SW	2.60	1.10	.32		.04									.35		.64																.13
MILFORD 2 MSW	1.59	.01	.02		.05	.02	.02							.08		.06	.96								.11	.06						.13

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES

MARYLAND AND DELAWARE
OCTOBER 1978

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																																		
ASSATEQUE STATE PARK	MAX MIN	75 64	74 61	70 47	71 60	70 60	77 65	73 49	62 44	60 40	67 45	67 45	74 49	76 60	72 62	67 44	62 40	60 45	60 37	64 47	63 48	70 40	74 54	80 55	78 41	65 33	75 57	65 55	66 43	64 42	60 50	62 50	68.5 49.4	
CRISFIELD SOMERS COVE	MAX MIN	76 61	70 50	72 60	76 60	74 65	74 65	68 55	75 42	72 46	68 48	75 50	72 46	75 62	75 62	62 47	64 43	62 48	60 36	61 52	72 51	66 41	69 52	73 55	70 41	64 38	72 58	72 41	75 42	68 42	64 44	64 47	69.1 49.5	
POCOMOKE CITY	MAX MIN	75 62	73 61	76 46	74 55	73 60	75 65	71 46	62 43	61 37	68 38	72 40	76 46	80 57	77 61	63 44	67 35	60 46	63 32	62 42	64 30	68 36	74 47	79 52	72 40	69 41	75 52	69 41	68 42	64 41	64 44	65 45	69.8 46.2	
PRINCESS ANNE	MAX MIN	75 58	73 59	72 42	72 55	76 60	75 65	74 46	62 40	62 38	68 40	72 46	77 46	80 55	76 60	62 32	65 45	61 30	61 28	62 30	66 42	68 30	75 47	79 52	77 40	66 41	77 56	77 56	75 45	68 43	64 40	67 44	70.5 43.5	
SALISBURY	MAX MIN	79 63	75 58	73 51	72 55	75 57	77 62	74 48	62 42	64 35	69 39	75 41	77 46	80 57	80 61	62 44	65 35	60 39	62 32	62 44	66 45	69 36	75 45	81 50	57 40	66 31	77 51	75 55	74 36	70 35	68 36	76 35	71.3 45.3	
SALISBURY FAR AP	MAX MIN	72 62	73 52	71 47	72 55	76 58	76 49	66 44	59 37	62 33	68 40	70 45	76 45	80 59	76 50	57 34	61 33	59 35	61 30	64 46	66 38	69 32	75 48	81 52	57 29	66 27	77 59	70 36	65 36	65 39	60 41	65 43	68.2 42.8	
SNOW HILL 4 N	MAX MIN	72 57	74 59	74 42	75 47	75 55	77 62	72 41	62 36	63 28	70 31	71 34	78 41	81 53	77 61	61 36	66 28	58 44	63 26	65 38	66 42	70 29	78 43	82 47	71 37	67 25	77 50	74 48	61 29	65 34	61 35	64 42	70.0 41.3	
CENTRAL EASTERN SHORE 02																																		
CAMBRIDGE WTR TRMT PL	MAX MIN	76 60	72 60	70 50	69 54	74 54	74 58	71 50	64 49	60 46	69 37	74 41	77 46	81 59	80 64	73 46	65 35	59 45	62 33	61 45	64 49	71 36	73 45	81 47	78 35	69 33	80 49	79 54	66 36	65 39	65 43	63 46	70.5 46.7	
DENTON 1 S	MAX MIN	78 56	73 55	73 48	65 54	73 51	75 56	68 42	63 38	64 32	73 34	77 39	79 45	81 57	75 57	60 40	64 33	60 43	62 30	60 45	67 47	71 34	79 45	81 47	70 35	66 32	79 54	73 48	69 33	66 37	62 36		70.2 43.4	
ROYAL OAK	MAX MIN	76 59	71 60	71 44	65 54	68 52	74 59	64 51	60 49	62 37	69 42	71 44	77 48	81 60	73 58	62 42	62 38	62 45	62 35	61 51	66 53	69 39	75 49	81 48	71 39	64 36	79 57	74 52	67 36	68 39	63 39	63 41	68.8 47.0	
VIENNA	MAX MIN	75 58	75 58	80 56	74 44	77 55	75 61	77 45	61 44	62 37	70 37	73 40	69 46	75 60	77 59	62 45	64 36	60 36	62 32	62 49	66 51	70 35	73 52	85 55	82 39	64 36	77 56	72 54	68 35	67 38	62 41	67 43	70.4 46.2	
LOWER SOUTHERN 03																																		
LA PLATA 1 W	MAX MIN	70 59	72 56	72 42	64 56	63 54	71 54	63 42	60 43	63 33	72 37	74 41	79 49	83 59	72 57	59 41	59 38	59 45	64 34	62 44	66 45	74 37	80 43	83 45	70 40	69 35	84 57	74 49	67 33	69 37	66 36	66 41	69.3 44.6	
MECHANICSVILLE 1 SE	MAX MIN	77 52	73 50	72 42	73 63	63 74	67 60	62 52																									61 42	
OWINGS FERRY LANDING	MAX MIN	72 64	70 54	68 42	67 56	63 54	62 56	65 46	62 48	63 39	70 42	73 44	80 51	74 64	70 50	64 41	61 38	58 45	64 30	64 46	66 44	73 30	83 44	84 48	72 34	67 33	82 52	74 47	70 41	68 41	64 39	61 40	68.8 41.5	
PATUXENT RIVER	MAX MIN	76 64	71 56	70 51	65 58	73 57	75 56	66 46	62 48	63 39	71 42	70 44	81 51	84 64	77 50	59 41	66 40	60 43	64 39	65 48	68 47	73 42	75 49	84 53	55 39	68 38	82 59	68 43	65 40	65 45	62 48	64 44	69.2 47.9	
SOLOMONS	MAX MIN	69 63	70 55	67 52	64 57	64 60	73 60	62 50	60 48	61 45	69 47	67 49	78 55	78 62	74 50	56 45	59 47	57 46	62 44	68 47	74 51	62 52	68 52	74 42	69 52	83 52	64 42	78 42	63 53	62 44	64 47	60 47	63 47	66.5 50.5
UPPER SOUTHERN 04																																		
ANNAPOLIS POLICE BRKS	MAX MIN	75 62	72 58	69 45	67 55	65 54	71 57	65 45	62 42	62 34	67 41	70 44	76 49	79 60	74 57	63 39	59 38	56 45	62 35	75 42	75 44	70 39	73 43	83 46	80 41	62 38	80 55	80 54	64 37	62 42	62 43	62 43	69.1 46.0	
BALTIMORE WSO AP	MAX MIN	74 57	71 50	70 43	67 53	64 51	72 50	64 44	61 39	64 35	73 36	74 43	80 46	85 55	68 46	60 38	56 38	58 39	64 34	67 45	72 42	84 47	82 45	59 41	68 38	81 55	68 41	66 35	68 40	65 35	62 40	67 45	68.9 43.3	
BELTSVILLE	MAX MIN	74 68	72 43	70 38	66 43	63 54	63 44	60 38	60 28	70 31	63 37	60 41	72 47	80 62	80 62	68 35	60 34	56 38	58 29	61 32	64 44	66 33	72 34	80 36	83 35	57 28	66 32	79 48	62 30	66 33	65 35	60 40	67.5 38.0	
COLLEGE PARK	MAX MIN	73 56	73 57	69 42	71 53	66 52	63 57	69 48	63 44	58 36	63 35	60 40	71 45	78 56	81 66	69 41	60 37	57 45	57 33	63 40	65 49	66 36	73 39	81 45	83 39	58 31	67 44	80 51	62 33	67 36	68 42	61 44	68.0 44.1	
DALECARLIA RESVR D C	MAX MIN	68 58	66 54	75 44	68 57	67 53	64 54	61 43	53 31	58 33	65 43	68 41	73 36	82 46	78 46	64 38	57 37	56 44	64 36	69 44	65 42	72 38	79 42	84 41	64 38	67 35	81 55	78 48	66 36	67 37	68 34	65 40	67.9 43.5	
GLENN DALE BELL STA	MAX MIN	72 50	71 52	71 36	71 49	66 49	71 54	70 40	71 33	70 30	71 42	74 38	78 42	82 54	80 56	65 32	54 38	58 43	63 30	64 41	66 45	70 40	79 46	82 45	80 32	67 28	80 45	79 45	67 30	67 33	67 32	66 40	70.7 40.2	
LAUREL 3 W	MAX MIN	71 42	71 44	67 54	63 49	64 48	70 54	62 43	59 39	63 37	71 40	73 45	76 48	80 57	58 44	61 37	55 38	58 42	68 38	68 47	71 43	80 44	82 54	58 35	66 43	78 35	68 53	69 45	66 42	65 40	65 36	61 41	67.4 43.7	
NATIONAL ARBORETUM D C	MAX MIN	75 52	73 57	71 43	72 59	69 54	64 55	70 43	63 46	59 37	62 39	72 43	74 46	78 61	81 63	68 46	61 37	58 38	58 30	63 37	65 36	65 35	72 40	80 43	84 39	58 35	68 36	68 49	62 34	68 37	64 38	62 42	68.4 43.1	
UPPER MARLBORO 3 NNW	MAX MIN	73 40	74 55	72 38	72 43	67 49	64 55	71 43	63 39	59 30	62 33	70 36	72 40	79 46	83 60	70 39	60 34	60 35	57 30	62 31	64 47	65 33	73 34	81 37	83 36	57 29	66 30	80 49	62 30	67 31	64 33	60 39	68.1 38.8	
NORTHERN EASTERN SHORE 05																																		
CENTREVILLE	MAX MIN	77 51	65 52	75 41	66 55	68 44	72 53	63 43	62 40	62 27	71 29	68 37	70 46	80 52	72 44	59 32	63 43	58 37	62 32	63 40	66 37	70 32	79 46	82 43	72 38	66 35	82 50	72 48	69 26	66 28	60 31	65 32	68.5 40.0	
CHESTERTOWN	MAX MIN	77 56	71 51	71 41	62 52	66 50	70 54	61 45	59 43	61 37	70 39	75 41	76 45	77 57	70 45	60 40	61 35	60 37	63 31	61 46	65 46	71 36	81 41	58 47	58 33	66 38	77 54	70 40	67 34	64 36	63 34	65 40	67.9 42.7	
MILLINGTON	MAX MIN	78 55	70 55	70 41	60 55	67 49	72 60	64 55	60 42	62 30	61 33	76 38	78 42	83 49	73 56	65 34	62 39	58 43	61 28	60 42	64 47	70 41	79 42	81 34	71 42	66 32	78 45	74 42	62 28	63 23	62 31	64 35	67.9 41.3	

DAILY TEMPERATURES

MARYLAND AND DELAWARE
OCTOBER 1978

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	75 57	73 57	68 41	68 57	64 50	70 58	68 47	61 42	61 37	69 36	73 40	74 46	79 51	77 59	60 41	58 35	58 43	59 31	61 45	62 45	74 36	73 40	81 42	80 36	63 35	74 52	74 50	64 32	65 38	62 40	63 41	68.1 43.9
BALTIMORE WSO CI	MAX MIN	75 61	68 54	70 48	68 57	65 55	71 52	64 48	58 44	63 42	71 45	72 50	79 54	83 61	68 50	59 43	57 45	56 46	62 40	65 50	65 52	74 47	78 49	84 52	59 40	66 40	79 56	67 50	66 42	64 46	61 43	67 49	67.9 48.7
BENSON POLICE BARRACKS	MAX MIN	76 55	73 53	72 41	72 52	67 51	71 55	70 43	61 32	66 35	72 33	75 40	77 45	78 52	75 55	61 38	59 34	62 42	61 31	64 44	68 46	74 36	79 32	83 46	79 33	64 30	70 48	70 47	67 33	67 35	65 34	69 41	69.9 41.6
BOYDS 2 NW	MAX MIN	73 55	68 51	69 44	68 54	62 52	65 51	61 45	56 38	61 36	70 36	70 42	77 49	79 55	71 55	59 38	57 36	54 43	62 32	65 45	64 46	72 39	80 44	81 50	77 34	65 33	76 56	75 45	66 37	63 40	59 35	64 37	67.4 43.6
CATOCTIN MOUNTAIN PARK	MAX MIN	64 50	65 49	61 42	61 51	58 49	54 48	49 36	53 34	63 42	63 45	70 49	73 59	61 49	49 35	46 36	60 38	54 38	70 45	57 44	64 44	72 52	70 41	68 43	73 32	60 50	58 43	60 41	58 40	54 34	61 37	61.0 43.5	
CLARKSVILLE 3 NNE	MAX MIN	73 49	70 52	70 34	66 47	65 49	68 49	60 38	58 34	62 28	70 30	71 35	77 39	80 46	74 55	60 33	54 30	55 43	62 27	64 39	64 46	73 31	82 32	80 38	79 34	65 25	78 45	77 44	66 28	65 32	59 27	65 40	68.1 38.0
CONDWINGO DAM	MAX MIN	77 52	70 49	69 37	66 49	65 48	71 44	69 40	58 36	64 30	69 31	72 40	75 44	79 50	68 47	57 33	59 31	58 33	62 29	62 41	71 39	73 48	81 32	57 40	63 29	66 43	62 35	66 32	66 33	66 33	65 37	66.7 38.3	
DAMASCUS 2 SW	MAX MIN	70 55	67 51	68 41	66 54	60 49	65 51	59 44	54 36	60 32	70 37	69 44	74 51	78 57	66 48	56 36	53 42	55 46	61 36	62 45	62 46	71 42	79 45	79 53	66 33	63 55	74 47	65 35	62 40	59 32	62 40	65.2 43.5	
EMMITSBURG 2 SE	MAX MIN	73 55	72 47	69 32	68 49	67 43	65 48	61 43	57 32	62 28	69 28	71 33	76 37	80 50	77 53	67 32	59 40	57 45	60 27	62 40	63 45	70 29	80 40	80 45	76 27	68 25	67 58	65 43	64 25	63 31	60 29	64 37	67.5 37.8
FREDRICK POLICE BRKS	MAX MIN	74 50	73 50	69 40	68 56	68 49	66 52	63 46	59 41	61 38	67 36	72 42	76 47	80 55	80 55	62 41	55 37	55 43	62 33	64 46	65 51	71 37	80 42	80 50	79 37	66 33	69 53	69 52	66 34	65 39	60 39	63 37	68.0 43.9
PARKTON 2 SW	MAX MIN	74 52	66 43	66 38	64 48	63 46	66 47	60 40	55 34	60 25	70 35	70 39	75 45	78 51	65 41	56 33	55 34	59 29	60 41	62 37	70 35	79 41	81 37	70 35	60 38	62 48	60 30	60 46	58 36	63 32	63 30	64 36	64.8 38.7
ROCKVILLE 3 NE	MAX MIN	75 52	75 52	72 33	70 48	69 46	67 47	66 46	62 40	59 25	71 35	73 34	78 40	81 48	78 52	62 31	56 35	58 28	64 26	66 37	65 38	74 29	78 33	75 32	73 30	64 40	80 46	74 48	73 26	65 31	63 30	64 36	69.4 37.9
TOWSON	MAX MIN	73 58	69 54	69 44	66 44	65 52	69 52	64 46	58 41	62 37	69 37	72 37	77 37	81 59	75 55	60 40	57 38	58 44	60 36	63 50	65 49	71 42	78 44	80 55	76 36	65 39	73 58	72 49	65 38	63 38	59 38	65 38	67.7 44.7
UNIONVILLE	MAX MIN	71 51	65 47	69 35	66 53	66 49	65 51	60 40	56 32	60 28	66 31	71 36	75 41	79 49	71 45	55 33	54 42	63 38	60 47	63 41	63 41	70 31	78 34	79 39	74 32	65 27	70 54	65 46	65 28	65 32	59 25	69 29	66.0 38.1
WESTMINSTER 2 SSE																																	
WOODSTOCK	MAX MIN	72 52	68 54	70 39	66 54	63 51	67 56	60 42	55 35	64 30	70 31	73 39	77 43	80 53	73 56	59 35	55 33	57 44	62 30	64 43	64 45	71 33	81 36	79 43	74 35	65 29	77 50	75 34	64 30	63 35	60 33	67.6 40.8	
APPALACHIAN MOUNTAIN 07																																	
CUMBERLAND 2	MAX MIN	68 50	70 41	71 43	75 43	71 45	64 51	57 42	55 30	65 30	73 33	75 39	83 48	78 51	68 35	61 33	51 36	56 35	65 35	66 50	67 35	78 35	84 39	80 35	71 27	74 27	71 46	70 30	72 30	67 32	64 30	70 32	69.0 37.7
FROSTBURG 2	MAX MIN	65 41	64 47	61 39	62 40	64 42	59 41	54 42	49 35	45 29	57 28	64 38	64 41	74 47	69 53	55 33	46 32	38 42	49 30	59 29	57 42	58 39	68 39	75 47	67 32	53 28	64 28	63 42	53 36	60 33	58 33	53 33	58.9 37.1
HAGERSTOWN	MAX MIN	72 56	67 52	69 38	70 54	66 47	65 50	60 45	55 36	62 32	68 35	71 40	77 49	80 58	64 52	54 38	51 34	54 41	60 31	65 47	64 44	70 31	79 38	76 44	68 32	67 32	65 51	67 45	65 33	63 39	60 34	63 34	65.7 42.3
HANCOCK FRUIT LAB	MAX MIN	69 52	67 43	61 36	62 51	65 40	56 41	63 47	55 35	54 30	59 31	67 35	70 41	79 45	78 52	60 34	53 30	46 42	54 33	62 43	66 45	61 32	71 35	79 41	79 29	55 24	68 50	63 46	58 26	64 29	60 25	58 26	63.3 37.7
ALLEGHENY PLATEAU 08																																	
MCHENRY 2 NW	MAX MIN	70 48	57 46	55 40	65 42	60 43	62 42	48 39	45 35	43 30	52 30	63 38	67 47	69 52	62 42	45 32	43 31	37 32	45 30	52 30	52 38	52 37	64 38	68 46	65 29	47 28	65 40	58 40	59 36	60 34	53 34	52 35	56.0 37.5
OAKLAND 1 SE	MAX MIN	60 52	61 37	68 33	64 39	65 34	58 42	48 39	45 35	56 21	68 22	67 28	71 42	69 42	58 40	46 31	40 21	45 35	58 21	56 41	57 37	71 26	74 29	70 34	57 30	70 21	67 45	59 31	63 23	60 21	57 32	61 22	60.3 32.5
SAVAGE RIVER DAM	MAX MIN	68 42	65 49	61 38	66 38	67 40	62 40	57 46	51 39	48 28	61 29	68 33	67 35	75 46	70 47	53 35	49 32	41 32	49 28	54 42	60 43	59 33	70 33	73 37	70 29	56 25	71 25	66 41	52 29	63 29	52 29	54 27	60.6 35.5

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DAILY TEMPERATURES

MARYLAND AND DELAWARE
OCTOBER 1978

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	76 58	71 55	69 41	67 56	66 49	72 61	67 44	60 41	62 34	71 36	74 41	77 46	83 57			56 45	61 31	60 45	62 49	70 35	78 42	81 45	73 33	66 32	77 50	76 32	74 32	66 35	61 35	64 41	69.3 42.9	
NEWARK UNIVERSITY FARM	MAX MIN	76 57	71 55	68 44	67 55	63 48	70 60	68 41	59 36	61 34	70 34	73 41	76 48	81 51	80 55	56 38	60 34	57 44	60 30	59 44	60 49	70 35	77 39	81 46	78 32	66 30	70 48	70 48	66 32	65 37	60 37	64 40	67.8 42.6
WILMINGTON WSO AP	MAX MIN	74 61	71 46	68 43	62 50	66 50	72 49	63 44	58 39	61 35	70 36	71 43	76 51	82 55	71 43	57 36	60 34	58 37	60 31	59 47	61 39	69 37	76 40	81 46	56 34	65 32	70 52	64 39	64 33	63 37	61 39	64 43	66.2 42.0
WILMGTON PORTER RESVR	MAX MIN	75 58	68 49	67 44	61 52	64 46	69 47	62 42	57 39	59 35	68 39	72 45	75 50	79 55	68 43	55 38	57 36	55 39	59 32	58 45	59 38	68 40	75 44	79 48	55 32	62 34	66 51	61 40	64 38	61 41	57 37	65 41	64.5 42.5
SOUTHERN 02																																	
BRIODEVILLE 1 NW	MAX MIN	77 57	77 57	74 41	69 53	75 53	76 60	65 43	64 36	63 31	72 33	74 38	79 42	83 57	77 60	61 41	63 31	59 43	62 29	61 43	65 45	71 33	77 46	82 49	73 37	67 29	78 45	73 53	68 31	65 36	61 40	64 44	70.2 43.1
DOVER	MAX MIN	77 63	72 58	79 45	68 55	72 51	71 59	72 43	62 41	63 35	70 38	73 42	78 47	83 58	79 63	70 42	62 33	58 44	62 32	63 45	64 49	71 36	81 49	81 54	78 36	67 35	80 53	77 51	65 35	65 38	65 41	65 41	70.7 45.5
GEORGETOWN 5 SW	MAX MIN	74 55	72 59	73 41	72 44	71 54	75 59	76 38	64 38	59 28	62 34	70 37	74 41	79 50	83 61	77 41	57 30	62 36	59 28	62 34	61 46	64 31	71 48	78 51	81 38	55 26	68 33	78 52	64 30	68 35	64 38	62 43	68.9 41.3
LEWES 1 SW	MAX MIN	68 64	69 57	67 46	70 54	71 56	75 58	65 42	62 37	62 35	71 38	70 42	73 46	82 56	75 55	58 41	62 35	62 47	60 33	63 44	60 47	70 37	78 48	81 51	68 36	67 30	78 56	70 42	63 35	63 39	58 48	60 44	67.8 45.1
MILFORD 2 WSW	MAX MIN	75 57	74 58	73 41	69 50	74 55	75 60	70 39	64 38	63 30	71 35	77 45	79 45	84 57	79 60	61 41	53 31	58 46	63 29	64 44	64 46	72 33	79 58	82 52	77 35	68 30	80 54	76 55	67 32	64 35	60 38	64 42	70.6 44.2

SEE REFERENCE NOTES FOLLOWING STATION INDEX

EVAPORATION AND WIND

MARYLAND AND DELAWARE
OCTOBER 1978

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	-	-	.14	.12	.01	.05	.07	.23	.05	.16	.05	.08	.19	-	.27	.08	.02	.06	.05	.10	.09	.12	.03	.15	.06	.15	.12	.08	.03	.17	-	3.138
	WIND	-	-	13	19	12	20	20	36	32	18	11	21	55	17	38	22	15	12	26	35	15	21	14	30	13	62	79	23	14	19	28	7918
	MAX	-	77	81	81	71	62	75	75	74	75	70	73	78	77	78	78	53	62	65	62	66	70	74	74	67	65	70	68	70	70	61	70.7
	MIN	-	49	50	50	56	56	50	46	38	40	41	45	51	65	44	42	42	41	40	48	42	42	42	44	40	39	50	40	42	41	41	45.2
UPPER MARLBORO 3 NNW	EVAP	.08	.06	.17	.11	.02	.00	.16	.10	.10	.12	.09	.12	.11	.15	.09	.11	.03	.05	.09	.06	.11	.10	.08	.16	.09	.15	.14	.14	.08	.12	.06	3.05
	WIND	15	13	32	17	7	13	23	31	36	17	11	13	27	44	43	29	34	32	20	21	22	19	8	47	17	63	70	25	12	45	32	898
	MAX	74	74	78	77	68	60	74	63	61	68	72	75	78	81	65	65	55	61	66	61	68	71	76	74	64	64	71	68	63	64	59	68.3
	MIN	46	56	47	46	54	54	47	43	37	36	39	45	49	57	40	40	39	38	37	47	40	40	43	43	37	46	49	40	39	39	39	43.6
ALLEGHENY PLATEAU 08																																	
SAVAGE RIVER DAM	EVAP	.18	-	.08	.07	.26	.00	.08	.03	.17	-	.07	.09	.07	.04	.06	.06	.00	.00	.15	.13	.00	.01	.01	-	.00	.05	.14	.04	.08	.05	.00	2.148
	WIND	29	26	54	27	37	34	90	59	62	28	21	20	12	50	70	39	18	35	13	67	43	24	31	81	25	27	42	43	30	22	28	1187
	MAX	71	62	65	74	72	61	60	50	50	62	65	67	77	63	53	49	40	52	55	58	61	60	61	60	57	63	61	55	51	52	51	59.3
	MIN	46	53	44	44	46	45	45	40	36	35	37	40	49	49	37	37	37	36	35	40	37	36	39	31	33	33	45	35	35	34	34	39.5

SEE REFERENCE NOTES FOLLOWING STATION INDEX

EVAPORATION AND WIND

MARYLAND AND DELAWARE
OCTOBER 1978

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	.06	.08	.08	.13	-	.07	.18	.18	.06	.06	.10	.06	.05	.12	.10	-	.09	.15	-	.16	.08	-	.04	.22	.09	-	-	-	-	-	-	
	WIND	1	25	13	12	9	25	29	38	21	7	8	7	6	20	38	13	26	7	12	17	14	6	16	40	6	3	-	-	-	-	-	
	MAX	74	74	67	66	62	73	72	58	61	65	69	73	74	74	59	57	59	60	62	59	60	67	68	69	58	58	-	-	-	-	-	
	MIN	64	62	53	57	55	62	50	45	41	43	48	58	57	59	48	40	47	39	48	50	49	55	54	43	40	48	-	-	-	-	-	
SOUTHERN 02																																	
GEORGETOWN S SW	EVAP	.12	*	.22	.09	.04	.11	.29	.23	.09	.15	.12	.14	.16	.28	.18	.13	.07	*	.22	.05	.17	.10	.11	.25	.12	.12	.23	.21	.10	.07	.08	
	WIND	38	40	70	28	37	57	58	93	63	37	38	26	87	114	88	63	74	65	59	50	53	60	29	131	41	133	189	52	26	47	60	
																																	4.25
																																	2006

SEE REFERENCE NOTES FOLLOWING STATION INDEX

SNOWFALL AND SNOW ON GROUND

MARYLAND AND DELAWARE
OCTOBER 1978

STATION		DAY OF MONTH																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
MARYLAND																																
■ ■ ■ APPALACHIAN MOUNTAIN	07																															
FROSTBURG 2																																
■ ■ ■ ALLEGHENY PLATEAU	08																															
MCHENRY 2 NW																																
OAKLAND 1 SE																																

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

MARYLAND AND DELAWARE
OCTOBER 1978

STATION	INDEX NO.	DIVISION	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
MARYLAND												
ABERDEEN PHILLIPS FLD	0015	06	HARFORD	1	39 28	76 10	57	5P	5P		H	ROSS AVIATION INC
ANNAPOLIS POLICE BRKS	0193	04	ANNE ARUNDEL	1	38 59	76 30	25	5P	5P		H	ANNAPOLIS POLICE BRKS
ASSATEAGUE STATE PARK	0335	01	WORCESTER	2	38 14	75 08	7	5P	5P		H	ASSATEAGUE STATE PARK
BALTIMORE WSO AP	0465	04	ANNE ARUNDEL	3	39 11	76 40	196	MID	MID		C HJ	NATL WEATHER SERVICE
BALTIMORE WSO CI	0470	06	BALTO CITY	3	39 17	76 37	91	MID	MID		C	OCMI COMMANDING OFFICER
BELTSVILLE	0700	04	PRN GEORGES	5	39 02	76 53	120	8A	8A	8A	C H	U S DEPT OF AGRICULTURE
BELTSVILLE PLANT STA 5	0705	04	PRN GEORGES	5	39 01	76 57	100	9A	9A		C	CLOSED 9/30/78
BENSON POLICE BARRACKS	0732	06	HARFORD	1	39 30	76 23	365	5P	5P			MARYLAND STATE POLICE
BOYDS 2 NW	1032	06	MONTGOMERY	5	39 13	77 20	580	6P	6P			HUNTER F STALEY
BRIGHTON DAM	1125	06	MONTGOMERY	4	39 12	77 01	330		MID			WASH SUB SANY COMM
CAMBRIDGE WTR TRMT PL	1385	02	DORCHESTER	1	38 34	76 04	5	6P	6P		H	WASTEWATER TRMT PLANT
CATOCTIN MOUNTAIN PARK	1530	06	FREDERICK	5	39 39	77 29	1610	5P	5P		C H	CATOCTIN MOUNTAIN PARK
CENTREVILLE	1627	05	QUEEN ANNES	1	39 03	76 03	46	6P	6P		H	MARION G LEIBY
CHESTERTOWN	1750	05	KENT	1	39 13	76 04	40	11P	11P		H	T W ELIASON JR
CLARKSVILLE 3 NNE	1862	06	HOWARD	4	39 15	76 56	365	5P	5P			UNIVERSITY OF MARYLAND
COLLEGE PARK	1995	04	PRN GEORGES	5	38 59	76 57	90	9A	9A		C H	UNIVERSITY OF MARYLAND
CONOWINGO DAM	2060	06	HARFORD	6	39 39	76 10	40	MID	MID		H	SUSQUEHANNA ELECTRIC CO
CRISFIELD SOMERS COVE	2215	01	SOMERSET	1	37 59	75 52	8	5P	5P			SOMERS COVE MARINA
CUMBERLAND 2	2282	07	ALLEGANY	5	39 38	78 45	700	6P	7A		H	TIMOTHY B THOMAS
DAMASCUS 2 SW	2335	06	MONTGOMERY	5	39 16	77 14	720	7P	7P		H	RICHARD W SCHWERDT
DENTON 1 S	2523	02	CAROLINE	1	38 53	75 50	20	6P	6P		H	EMORY DOBSON
EDGEMONT	2770	07	WASHINGTON	5	39 40	77 33	905		7A			JOHN W HARNE
EMMITSBURG 2 SE	2906	06	FREDERICK	5	39 41	77 18	416	5P	5P		H	MRS LUCILLE K BEALE
FEDERALSBURG	3090	02	CAROLINE	1	38 41	75 46	20				C	SEWAGE TREATMENT PLANT
FREDRICK POLICE BRKS	3348	06	FREDERICK	5	39 25	77 26	380	5P	5P		H	MARYLAND STATE POLICE
FREDERICK 3 E	3355	06	FREDERICK	5	39 24	77 22	385		7A			MISS I MARY STALEY
FROSTBURG 2	3415	07	ALLEGANY	5	39 40	78 56	2170	7A	7A		H	LEE K CLOSE
GLENN DALE BELL STA	3675	04	PRN GEORGES	4	38 58	76 48	150	4P	4P		H	USDA PLT INTRODUCT STA
HAGERSTOWN	3975	07	WASHINGTON	5	39 39	77 44	660	6P	6P			HAGERSTOWN RESERVOIR
HANCOCK FRUIT LAB	4030	07	WASHINGTON	5	39 42	78 11	428	8A	8A		C H	U OF MD FRUIT LAB
LA PLATA 1 W	5080	03	CHARLES	5	38 32	77 00	140	6P	6P		H	C RUSSELL LEVERING
LAUREL 3 W	5111	04	PRN GEORGES	4	39 06	76 54	400	MID	MID			WASH SUB SANY COMM
MCHENRY 2 NW	5832	08	GARRETT	7	39 35	79 22	2680	8A	8A		C H	JOSEPH F JOHENNING
MECHANICSVILLE 1 SE	5865	03	ST MARYS	4	38 26	76 43	160	5P	5P			MRS EDITH R BENNETT
MERRILL	5894	08	GARRETT	5	39 36	79 05	1790		9A			DELWOOD E MERRILL
MILLINGTON	5985	05	KENT	1	39 16	75 51	30	6P	6P		H	LOUIS H HOLLETT
NEW GERMANY 2	6410	08	GARRETT	5	39 37	79 08	2480				C	LESTER BITTINGER
OAKLAND 1 SE	6620	08	GARRETT	7	39 24	79 24	2420	5P	5P		H	LOGAN WEBER
OWINGS FERRY LANDING	6770	03	CALVERT	4	38 41	76 40	160	5P	5P		H	JAMES E BOURNE JR
PARKTON 2 SW	6844	06	BALTIMORE	1	39 38	76 42	600	11P	11P		C H	JOHN R FOX
PATUXENT RIVER	6915	03	ST MARYS	4	38 20	76 25	38	MID	MID		C	NAVAL WEATHER SERVICE
PERRY POINT	6980	06	CECIL	1	39 33	76 04	40				C	VETERANS ADMINISTRATION
POCOMOKE CITY	7140	01	WORCESTER	1	38 04	75 33	20	5P	5P		H	FORREST M MOONEY
POTOMAC FILTER PLANT	7272	06	MONTGOMERY	5	39 02	77 15	270		MID			WASH SANITARY COMM
PRINCESS ANNE	7330	01	SOMERSET	1	38 13	75 41	20	5P	5P		H	MARYLAND ST COLLEGE FRM
ROCKVILLE 3 NE	7705	06	MONTGOMERY	5	39 07	77 06	400	4P	4P		H	MD NATL CAPITAL PARK
ROYAL OAK	7806	02	TALBOT	1	38 43	76 11	10	6P	6P		H	J L SWAINE JR
SALISBURY	8000	01	WICOMICO	1	38 22	75 35	10	5P	5P			CITY OF SALISBURY
SALISBURY FAA AP	8005	01	WICOMICO	1	38 20	75 31	48	MID	MID		H	FAA
SAVAGE RIVER DAM	8065	08	GARRETT	5	39 31	79 08	1495	8A	8A	8A	C H	U S CORPS OF ENGINEERS
SINES DEEP CREEK	8315	08	GARRETT	7	39 32	79 25	2040				C	PA ELECTRIC COMPANY
SNOW HILL 4 N	8380	01	WORCESTER	1	38 14	75 23	28	6P	6P		H	CURTIS E SHOCKLEY
SOLOMONS	8405	03	CALVERT	1	38 19	76 27	12	4P	4P			CHESAPEAKE BIOL LAB
TOWSON	8877	06	BALTIMORE	3	39 23	76 34	390	6P	6P			BENDIX FRIEZ
UNIONVILLE	9030	06	FREDERICK	5	39 27	77 11	430	6P	6P		C H	GEORGE P VON EIFF JR
UPPER MARLBORO 3 NNW	9070	04	PRN GEORGES	4	38 52	76 47	98	8A	8A	8A	C H	TOBACCO EXP FARM
VIENNA	9140	02	DORCHESTER	1	38 29	75 50	12	6P	6P		H	DELMARVA POWER & LIGHT
WESTMINSTER 2 SSE	9435	06	CARROLL	1	39 33	76 59	860	7P	7A		H	LARRY A MYERS
WOODSTOCK	9750	06	BALTIMORE	3	39 20	76 52	460	6P	6P		H	JOHN A HILTZ

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

MARYLAND AND DELAWARE
OCTOBER 1978

STATION	INDEX NO.	DIVISION	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
DISTRICT OF COLUMBIA												
DALECARLIA RESVR D C	2325	04		5	38 56	77 07	146	5P	5P			U S CORPS OF ENGINEERS U S NATL ARBORETUM
NATIONAL ARBORETUM D C	6350	04		5	38 54	76 59	50	8A	8A		H	
DELAWARE												
BRIDGEVILLE 1 NW	1330	02	SUSSEX	1	38 45	75 37	50	5P	5P		H	WILLIAM M RAY STATE DIV OF HIGHWAYS UNIV OF DEL SUBSTATION FREDERICK O VOGL PIONEER HIBRED CORN CO MRS BERNARD FRANKEL UNIV OF DELAWARE NATL WEATHER SERVICE WATER DEPARTMENT
DOVER	2730	02	KENT	2	39 09	75 31	30	5P	5P		H	
GEORGETOWN 5 SW	3570	02	SUSSEX	1	38 38	75 27	45	8A	8A	8AC	H	
LEWES 1 SW	5320	02	SUSSEX	2	38 46	75 09	20	6P	MID		H	
MIDDLETOWN 1 WSW	5852	01	NEW CASTLE	2	39 26	75 45	60	4P	4P		H	
MILFORD 2 WSW	5915	02	SUSSEX	2	38 54	75 28	30	5P	5P		H	
NEWARK UNIVERSITY FARM	6410	01	NEW CASTLE	2	39 40	75 44	90	5P	5P	5PC	H	
WILMINGTON WSO AP	9595	01	NEW CASTLE	2	39 40	75 36	79	MID	MID		C HJ	
WILMGTN PORTER RESVR	9605	01	NEW CASTLE	2	39 46	75 32	274	MID	MID		H	
CLOSED STATIONS MARYLAND												
BELTSVILLE PLANT STA 5	0705	04	PRN GEORGES	5	39 01	76 57	100	9A	9A		C	CLOSED 9/30/78

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 carried only in the June and December issues of this bulletin.

INTERPOLATED VALUES for monthly precipitation totals may be found in the annual issue of this publication.

IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

- No record in the "Supplemental Data" table, "Daily Precipitation" table, "Evaporation and Wind" table, "Snowfall and Snow on Ground" table, "Daily Soil Temperatures" table.
- No record in the "Monthly Summarized Data" table and the "Daily Temperature" table is indicated by no entry.
- + And also on an earlier date or dates.
- ++ Highest observed one minute windspeed. This station is not equipped with an instrument to measure fastest mile data.
- * Amount included in following measurement, time distribution unknown.
- // Gage is equipped with a windshield.
- ‡ Extreme occurred at station with incomplete data which may have been exceeded.
- B Adjusted to a full month.
- D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
- M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
- R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
- T Trace, an amount too small to measure.
- V Includes total for previous month.

IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

- AR This entry in time of observation column in Station Index means after rain.
- C Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in the "Hourly Precipitation Data" bulletin. If daily amounts are published in "Climatological Data" bulletin they are from a separate non-recording gage, except where indicated by reference 'R'. Such amounts may differ from amounts published from the recording gage in the "Hourly Precipitation Data" bulletin.
- G "Soil Temperature" table.
- H "Snowfall and Snow on Ground" table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.
- J "Supplemental Data" table.
- SS This entry in time of observation column in Station Index means observations made near sunset.
- VAR This entry in time of observation column in Station Index means variable.
- # Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, this reference indicates that the thermometers are exposed in a shelter located on the roof of a building.

DRAINAGE CODE: 1-CHESAPEAKE 2-COASTAL 3-PATAPSCO 4-PATUXENT 5-POTOMAC 6-SUSQUEHANNA 7-YOUGHIOPENY

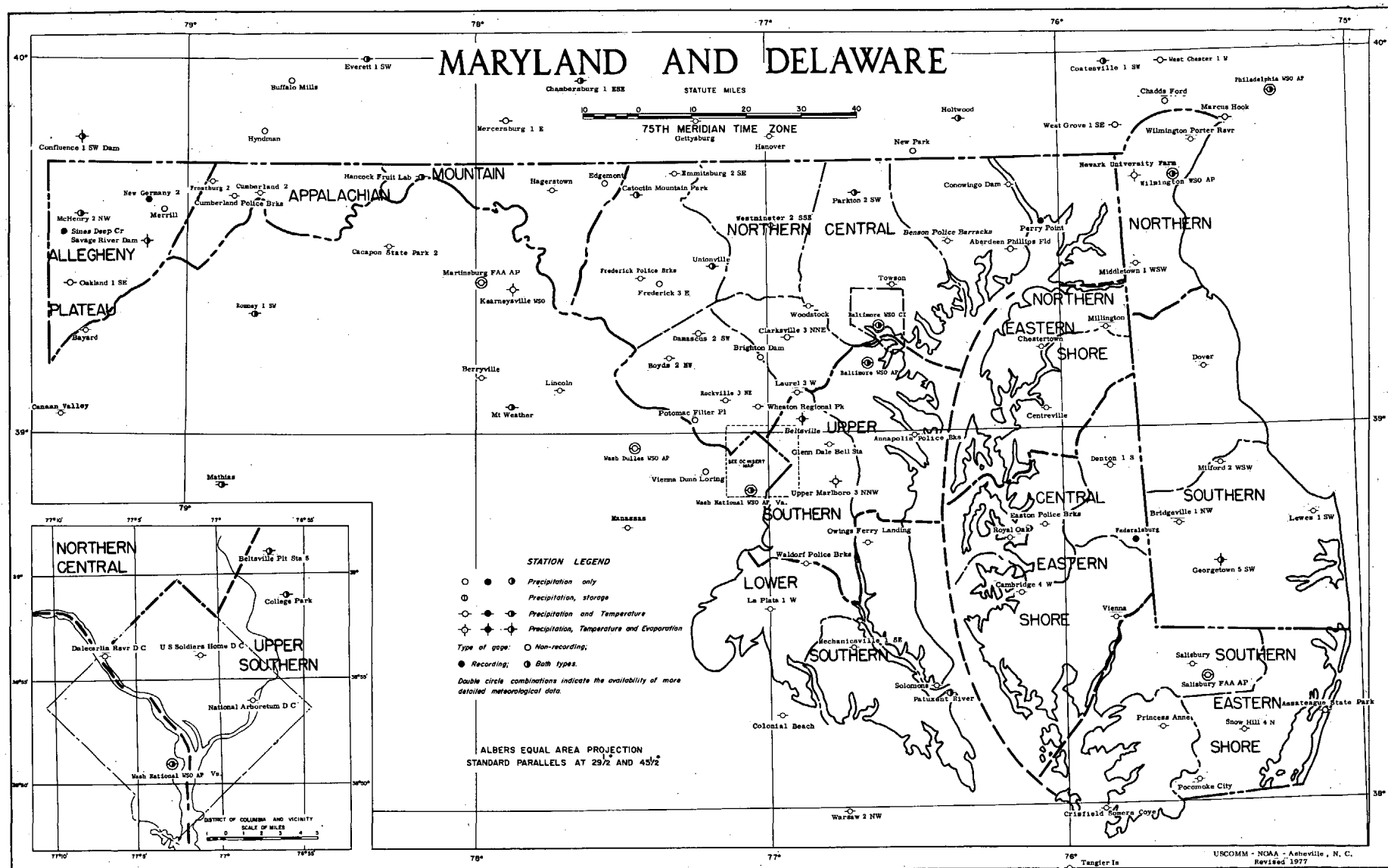
Stations appearing in the tables with no data were either missing or received too late to be included in this issue.

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 15 cents. Note minimum charge and ordering instructions below:

Subscription Price: \$5.10 per year for each section including annual summary; \$8.00 additional for foreign mailing; 40¢ single copy; 30¢ annual summary. There is a minimum charge of \$2.00 for each order of shelf-stocked issues of publications. Make checks payable to Department of Commerce, NOAA; send payments and orders to: National Climatic Center, Federal Building, Asheville, N.C. 28801. ATTN: Publications

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