

# Climatological Data



## MARYLAND AND DELAWARE

### TEMPERATURE AND PRECIPITATION EXTREMES

HIGHEST TEMPERATURE:	BALTIMORE WSO CI	MD.	90	DATE 01
LOWEST TEMPERATURE:	OAKLAND 1 SE	MD.	18	DATE 16
GREATEST TOTAL PRECIPITATION:	SNOW HILL 4 N	MD.	4.66	
LEAST TOTAL PRECIPITATION:	POTOMAC FILTER PLANT	MD.	.82	
GREATEST 1 DAY PRECIPITATION:	SNOW HILL 4 N	MD.	2.42	DATE 27
GREATEST TOTAL SNOWFALL:	MCHENRY 2 NW	MD.	1.0	
GREATEST DEPTH OF SNOW OR ICE:	MCHENRY 2 NW	MD.	1	DATE 22

### 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 EASTERN				TRACE	.01-.09	.10-.49	.50-.99	1.00-1.99	2.00 AND OVER	TOTAL				
							01	07	13	19											
BALTIMORE WSO AP MD	31	4.0	10.6	34	SW	01	55	58	38	40	3	6	2	1	0	0	12	59	6.2		
WILMINGTON WSO AP DEL	32	4.2	11.4	29++	30	14+	63	63	40	46	3	3	5	0	1	0	12	-	6.3		

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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DIRECTOR  
NATIONAL CLIMATIC CENTER

**noaa**

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

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

MARYLAND AND DELAWARE  
APRIL 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				
								30.0 OR BELOW	32.0 OR BELOW	32.0 OR BELOW	32.0 OR BELOW				TOTAL	TOTAL	MAX. DEPTH ON GROUND	DATE	-1.0 OR MORE	.50 OR MORE	1.00 OR MORE	
																						MAX.
MARYLAND																						
SOUTHERN EASTERN SHORE 01																						
ASSATEQUE STATE PARK	62.0	41.2M	51.6M		74 11	33 9	398	0	0	0	0	3.33										
CRISFIELD SOMERS COVE	63.8M	46.4M	55.1M	- 2.0	72 12+	37 9	287	0	0	0	0	2.49										
POCOMOKE CITY	66.7	43.2	55.0		81 11+	32 17	294	0	0	1	0	4.11										
PRINCESS ANNE	66.1M	40.8M	53.5M		82 11	29 17	338	0	0	4	0	3.70										
SALISBURY	65.1M	40.8	53.0M	- 2.9	80 1	32 9	357	0	0	1	0	4.61	1.42	2.05	27							
SALISBURY FAA AP	66.0	43.8	54.9		85 11	35 17	297	0	0	0	0	4.11		1.76	26							
SNOW HILL 4 N	65.1	42.0	53.6	- .8	82 11	30 17	334	0	0	2	0	4.66	1.31	2.42	27							
DIVISION			53.8	- 1.2								3.86	.73									
CENTRAL EASTERN SHORE 02																						
CAMBRIDGE WTR TRMT PL	67.3M	45.0	56.2M		84 1	37 28+	261	0	0	0	0	3.14		.96	27							
DENTON 1 S	66.6	41.3	54.0	- .9	83 1	32 17+	325	0	0	2	0			.47	7							
ROYAL OAK	65.0	44.4	54.7		80 11	35 9	303	0	0	0	0	2.16		.60	20							
VIENNA	67.4M	44.2	55.8M		85 1	34 24	270	0	0	0	0	3.92		2.00	27							
DIVISION			55.2	.0								3.07	-.19									
LOWER SOUTHERN 03																						
LA PLATA 1 W	68.3	39.9M	54.1M	- 1.6	89 1	32 28+	323	0	0	2	0	2.78		.90	26							
MECHANICSVILLE 1 SE	68.5	42.7	55.6		85 1	33 16	285	0	0	0	0	3.44		.87	27							
OWINGS FERRY LANDING	64.7	39.7	52.2	- 3.7	86 1	31 9	376	0	0	2	0	2.08	- 1.10	.58	26							
PATUXENT RIVER	63.5M	44.8	54.2M		86 1	39 28+	317	0	0	0	0	2.99		1.44	26							
SOLOMONS	64.4M	45.4	54.9M	- 1.1	83 11+	40 28+	297	0	0	0	0	3.42										
DIVISION			54.2	- 1.5								2.94	-.20									
UPPER SOUTHERN 04																						
ANNAPOLIS POLICE BRKS	68.1M	44.6	56.4M	2.3	87 1	37 23+	254	0	0	0	0	1.57	- 1.56	.84	19							
BALTIMORE HSD AP	65.5	42.9	54.2	-.4	88 1	34 23+	318	0	0	0	0	1.26	- 1.81	.69	19							
BELTSVILLE	65.4M	39.9M	52.7M		85 2	29 15	364	0	0	4	0	1.15		.56	19							
BELTSVILLE PLANT STA 5	64.9	40.8	52.9		86 2	30 16+	360	0	0	4	0	1.11		.54	19							
COLLEGE PARK	66.0	42.7	54.4	- .8	87 2	33 23+	321	0	0	0	0	1.14	- 1.95	.55	19							
DALECARLIA RESVR D C	69.2		M		88 1			0	0	0	0	1.47		.62	19							
GLENN DALE BELL STA	68.5	38.6M	53.6M	- .7	86 1	26 16	338	0	0	4	0	1.77	- 1.42	.60	19							
LAUREL 3 W	65.3	42.7M	54.0M		85 1	33 9	325	0	0	0	0	1.07		.52	19							
NATIONAL ARBORETUM D C	66.1	43.4	54.8		87 2	34 23	304	0	0	0	0	1.38		.58	19							
UPPER MARLBORO 3 NNW	65.1	40.5	52.8		87 2	31 23+	363	0	0	2	0	1.56		.50	19							
DIVISION			54.0	-.4								1.35	- 1.74									
NORTHERN EASTERN SHORE 05																						
CENTREVILLE	66.0	41.6	53.8		82 1	32 17+	329	0	0	3	0	1.35		.95	20							
CHESTERTOWN	63.9	40.9	52.4	- 1.7	82 1	32 9	370	0	0	1	0	1.51	- 1.64	.55	20							
HILLINGTON	65.0	39.7M	52.4M	- 1.5	84 1	30 17	395	0	0	3	0	2.03	- 1.03	.83	20							
DIVISION			52.9	- 1.4								1.63	- 1.49									
NORTHERN CENTRAL 06																						
ABERDEEN PHILLIPS FLD	66.0	42.7	54.4		86 1	35 23+	317	0	0	0	0	1.41		.59	20							
BALTIMORE HSD CI	67.1	48.1	57.6	1.2	90 1	38 9	226	1	0	0	0	1.44	- 1.79	.88	19							
BENSON POLICE BARRACKS	67.6	40.7	54.2		87 1	32 17+	319	0	0	3	0	1.80		.61	19							
BOYDS 2 NW	66.0	41.0	53.5		85 1	31 16	337	0	0	2	0	1.39		.55	19							
CATOCTIN MOUNTAIN PARK	60.9	37.3	49.1		79 1	28 9+	470	0	0	9	0	1.47		.65	19							
CLARKSVILLE 3 NNE	65.4	37.5	51.5		85 1	26 15	308	0	0	8	0	1.41		.56	19							
CONOWINGO DAM		40.3M	M											.60	19							
DAMASCUS 2 SW	63.3	41.1	52.2		84 1	30 9	377	0	0	2	0	1.33		.57	19							
EMMITSBURG 2 SE	65.0	36.2	50.6		84 1	23 15	424	0	0	8	0	2.00		.70	19							
FREDRICK POLICE BRKS	67.4	43.1	55.3		85 1	32 9	286	0	0	1	0	1.40		.63	19							
PARKTON 2 SW	61.6	37.9	49.8		83 1	28 9	451	0	0	5	0	1.87		.78	19							
ROCKVILLE 3 NE	66.7M	40.0	54.4M		86 1	29 23+	314	0	0	5	0	1.22		.58	19							
TOWSON	66.1M	40.2	53.2M		85 2+	33 9+	344	0	0	0	0	1.79	- 1.72	.80	19							
UNIONVILLE	64.9	37.3	51.1	- .3	85 1	28 23	409	0	0	10	0	1.43	- 1.85	.53	19							
WESTMINSTER 2 SSE	61.8	40.3	51.1	- 1.4	83 1	30 16+	411	0	0	2	0	1.42	- 2.01	.43	19							
WOODSTOCK	65.2	39.8	52.5	- .5	85 1	29 15	366	0	0	4	0	1.33	- 1.94	.63	19							
DIVISION			52.7	-.5								1.53	- 1.81									

SEE REFERENCE NOTES FOLLOWING STATION INDEX



MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

MARYLAND AND DELAWARE  
APRIL 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				
								32° OR BELOW	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	64.6	40.5	52.6		81	1	29	9	365	0	0	4	0	1.58		.77	19	.0	0	2	2	0
NEWARK UNIVERSITY FARM	65.0	39.8M	52.4M	-.2	84	1	30	17*	370	0	0	0	0	1.58		.66	19	.0	0	4	2	0
WILMINGTON MSD AP	61.3	39.3	50.3	-2.0	81	1	30	9	439	0	0	2	0	2.15		1.13	19	.0	0	6	6	0
WILMINGTON PORTER RESVR	61.0	40.4	50.7	-1.1	82	1	29	9	421	0	0	2	0	2.25		.84	19	.0	0	6	2	0
DIVISION			51.5	-1.0										1.89				T				
SOUTHERN 02:																						
BRIDGEVILLE 1 NW	65.7	42.0	53.9	-.1	82	11	32	23*	326	0	0	2	0	2.42		.76	27	.0	0	6	3	0
DOVER	66.8	42.4	54.6	-.1	83	1	34	16*	304	0	0	0	0	1.83		.97	19	.0	0	5	1	0
GEORGETOWN 5 SW	63.1	41.3	52.2		82	12	31	17*	379	0	0	3	0	3.68		1.06	27	.0	0	7	3	1
LEWES 1 SW	62.0	42.2	52.1		83	1	34	9*	379	0	0	0	0	2.87		1.01	19	.0	0	6	3	0
MILFORD 2 WSW	66.7	42.2	54.5		83	1	32	9	309	0	0	1	0	2.64		.83	19	.0	0	5	3	0
DIVISION			53.5	-.4										2.69		-.57		.0				

SEE REFERENCE NOTES FOLLOWING STATION INDEX

# DAILY PRECIPITATION

MARYLAND AND DELAWARE  
APRIL 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	3.33		.01	.10		.13		.07		.05		.05								.62	.02							.55	1.85			
CRISFIELD SOMERS COVE	2.46		.02			.07		.05				.05								.90	.02							.54	.05			
PODCMORE CITY	4.11			.05		.01		.07				.07								1.51	.05							.72	1.70			
PRINCESS ANNE	3.70			.04				.32				.03								.04	.10							.70	1.55		.02	
SALISBURY	4.61			.10		.50		.11				.11								.91	.17			.08				.68	2.05			
SALISBURY FAR AP	4.11		T	T	.11	.05	.33		.05	.05								.23	.05	T	T	T	T	T	T		.03	1.76	.70			
SNOW HILL 4 N	4.66			.01	.16		.14			.10									1.26	.02	T	T	T	T	T		.55	2.42				
* * * CENTRAL EASTERN SHORE 02																																
CAMBRIDGE HTR TRMT PL	3.14		.01	.01		.47	x	x	x	x	x	.70								.43	.44						.59	.06				
DENTON 1 S	-		T	.18		.47		.01		.05		.05								.22	.30	T	T	T	T		.23	.23				
ROYAL OAK	2.16		.01	T		.27		T		.10		.10								.32	.60	T	T	T	T		.46	.40				
VIENNA	3.02			T		.64		.09		.06		.06								.47	.18						.65	2.00				
* * * LOWER SOUTHERN 03																																
LA PLATA 1 W	2.78		.09	T		.09		.09		.06		.06								.59	.44	T		.01			.90	.60				
MECHANICSVILLE 1 SE	5.44			.20	.05	.50		.10		.10		.10							.50	.65	.31		.10				.86	.87				
SHWENS FERRY LANDING	2.08			T		.50		.04		.04		.04							.39	T	.34		T	T	T		.59	.42				
PATUXENT RIVER	2.98		T	T		.47		.07		.07		.07							.39	.50	.01		T	T	T		.05	1.44	.06		.01	
SOLOMONS	3.42			.02		.32		.07		.07		.07								x	1.17	.03					.83	.84				
* * * UPPER SOUTHERN 04																																
ANNAPOLIS POLICE BRKS	1.57		.03	.06		.08		.08		.05		.05								.84	.40						.06	.05				
BALTIMORE HSB AP	1.26		.04	.10		.04		.05		.05		.05							.30	.69	.02	T	T	T	T		.23	.01				
BELTSVILLE	1.15			.03		.08		.08		.08		.08								.56	.18						.27	T				
BELTSVILLE PLANT STA B	1.11			T		.10		.05		.05		.05								.64	.35						.27	T				
COLLEGE PARK	1.24		T	T	T	.07		.07		.07		.07								.66	.14	T	T	T	T		.31	.01	T			
DALECARLIA RESVR D C	1.47					.09		.09		.03		.03								.62	.27						.45	.01				
GLENN DALE BELL STA	1.77		.04			.10		.10		.10		.10								.80	.43						.36	.05				
LAUREL 3 W	1.07		T	.04	T	.05	T	.02		.11		.11							.32	.52							.12	T				
NATIONAL ARBORETUM D C	1.38			.01		.08		.08		.11		.11								.58	.18	.01					.37	.03	T			
UPPER MARLBORO 3 NHM	1.56			T		.10		.10		.08		.08								.50	.46						.35	.07				
* * * NORTHERN EASTERN SHORE 05																																
CENTREVILLE	1.35		.04			.04		.04		.04		.04							.11	.30	.95						.06	.05				
CHESTERDOWN	1.51		T	.10	.14	.03	.04		.04	T	T	.07								.42	.55	T	T	T			.12	T				
HILLINGTON	2.03		.05	.15	.05	.12		.12		.04	.07	.10								.50	.83							.05	.05			.12
* * * NORTHERN CENTRAL 06																																
ABERDEEN PHILLIPS FLD	1.41		.05	.10		.08		.08		T		.07								.52	.59							T				
BALTIMORE HSB CI	1.44		.03	.04	.03	.04		.02		.12		.12								.32	.89	.04						.51	.44			
BENSON POLICE BARRACKS	1.80			.46	.04	.04		.12		.13		.13								.51	.44							.55	.31			
BOYDS 2 NH	1.39		.05	.15	.05	.05		.05		.09		.15								.24	.55	.04						.13	.05			
BRIGHTON DAM	1.14		.02	.05	.05	.05		.05		.09		.15								.24	.55	.04						.13	.05			
CATACTIN MOUNTAIN PARK	1.47		.15	.07	.08	.04		.04		.12		.12								.01	.55	.35		.05								
CLARKSVILLE 3 NNE	1.41		.16	.11	.01	T	.12		.14	T	.14									.56	.31							T				
CONGWINGB DAM	1.72		.15	.15	.06	.07	.14		.14	T	.14									.10	.80	.30	.04	T	T							
DAMASCUS 2 SW	1.33		T	.09	.01	.04	.10	.07		.14	T	.14								.01	.97	.27	T	T	T			.07				
EMMITTSBURG 2 SE	2.00		.32	.15	.05	.05		.43		.43		.43								T	.70	.35										
FREDRICK POLICE BRKS	1.40		.04	.03	.13	.02	.15		.15	T	.10									T	.63	.30						T				
FREDRICK 3 E	1.44			.09	.09	.32	.32		.32	T	.04										.54	.45										
PARKTON 2 SW	1.87		.12	.28	.07	.06		.06		.05	.20									.12	.78	.19		T	T							
POTOMAC FILTER PLANT	.82					T	T			.09		.09									.45	.30	T									
ROCKVILLE 3 NE	1.22			.04	T	.11		.11		.01		.01								.08	.98	.30		T	T		.02	.20	.18			
TOWSON	1.79		.08	.14		.10		.10		.12		.12									.80	.55		T								
UNIONVILLE	1.43		.14	.05	.21	.10		.10		.08		.08									.53	.31										
WESTMINSTER 2 SSE	1.42		T	.13	.25	.15		.15		.10		.10									.45	.36										
WOODSTOCK	1.33		.12	.08	.25	.15		.15		.10		.10									.63	.26							T			
* * * APPALACHIAN MOUNTAIN 07																																
CUMBERLAND 2	2.12	.07	.21	.11	.34	.25		.25		T		T									.88	.10		T		.02		.03				
EDGEHART	1.35		.13	.16	.13	.18		.18		.11		.11									.32	.31	.01	T	T							
FROSTBURG 2	2.51	.02	.00	.02	.59	T	.50	T		.05		.05									.87	.18	.07	.03	.05		.04	T				
HAGERSTOWN	1.42		.16	.10	.15	.16		.16		.10		.10							.08	.36	.18						T	T				
HANCOCK FRUIT LAB	1.63		.15	.08	.25	.25		.25		.01	.02									.72	.15	T			.02		T	T				
* * * ALLEGHENY PLATEAU 08																																
MCHENRY 2 NH	4.17	.10	.28	.12	.71	1.00		1.00		.25		.25									.42	.37	.37	.17			T	.38				
MERRILL	2.48	.11	.32	.09	.60	.45		.45													.51	.10		.21			.10	.10				
OAKLAND 1 SE	3.68		.28	.18	.38	.13		.47		.22		.22							.46	.38	.41	.23	.05	T	T		.28	.21				
SAVAGE RIVER DAM	2.31	.19	.24	.12	.37	T	.37		.06		.06										.94	.21	.05		T	T	.18	T				

SEE REFERENCE NOTES FOLLOWING STATION INDEX

# DAILY PRECIPITATION

MARYLAND AND DELAWARE  
APRIL 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																																
* * * NORTHERN																																
MIDDLETOWN 1 WSW	1.56		.04	.08	T		.08				.01	.07									.77	.52										.01
REMARK UNIVERSITY FARM	1.56		.04	.11	.02	T	.11					.05									.66	.59									.01	
WILMINGTON USG AP	2.16		.11	.10		.10	.07					.06								.18	1.13	.40		T	T	T					.01	
WILMOTON PORTER RESVR	2.25		.15	.15		.10	.07					.09	.07							.19	.84	.59									T	
* * * SOUTHERN																																
BRIDGEVILLE 1 NW	2.42		.02	.20			.61				T		.05								.62	.13							.13	.78		
DOVER	1.83		T	.18			.19					.07									.97	.20							.22	.22		
GEORGETOWN 5 SW	3.88		T	.15			.73					.08									.87	.18	T					.18	1.08			
LEWES 1 SW	2.87		.07	.11		.10	.83					.06	.03						.05	1.01								.26	.55			
MILFORD 2 WSW	2.64		.03	.21			.72				T	.04									.83	.22		T				.04	.54			
																															.01	

SEE REFERENCE NOTES FOLLOWING STATION INDEX.

# DAILY TEMPERATURES

MARYLAND AND DELAWARE  
APRIL 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																																	
ASSATEAGUE STATE PARK	MAX	73	62	58	50	71	65	69	69	60	48	74	73	67	65	65	55	53	55	54	64	61	61	55	62	58	51	54	67	72	72	62.0	
	MIN	48	35		37	43	39	42	42	33	40	44	40	47	45	40	35	37	37		48	45		41	39	42	43	42	39	39	43	49	41.2
CRISFIELD SOMERS COVE	MAX	70	68	56	60	67	65	67	69	67	56	72	72	66	63		55	56	62	65	64	62	58	62	69	68	55	57	65	69	66	63.8	
	MIN	49	53	42	43	41	42	44	54	37	48	45	49	56	48		42	43	44	50	53	49	43	45	50	46	43	40	44	45	57	46.4	
POCOMOKE CITY	MAX	81	70	53	59	72	67	73	73	69	55	81	79	70	69	68	63	59	61	65	65	61	65	66	75	71	52	45	70	71	72	66.7	
	MIN	48	48	41	40	51	38	44	44	34	41	49	48	54	47	37	34	32	35	50	51	43	44	37	45	42	43	40	38	41	56	43.2	
PRINCESS ANNE	MAX	80	76		60	70	65	70	68	67	57	82	80	70	69	65	57	59	64	66	64	61	60	62	70	69	54	46	67	70	70	66.1	
	MIN	45	45		40	48	35	43	35	37	38	45	45	55	47	31	33	29	32	49	50	45	43	32	42	36	44	43	34	35	47	40.8	
SALISBURY	MAX	80	78	55	59	71	65	71	69	69		71	72	73	61	59	57	56	60	66	64	60	59	62	71	69	54	46	69	71	72	65.1	
	MIN	43	53	39	39	37	37	41	46	32	41	45	46	46	35	35	35	34	34	49	46	46	41	35	40	39	42	39	35	39	55	40.8	
SALISBURY FAA AP	MAX	83	70	48	72	71	57	71	70	58	58	85	71	73	67	64	59	61	65	69	67	62	62	67	73	60	51	50	70	72	73	66.0	
	MIN	48	48	41	43	49	38	47	43	37	44	48	48	57	42	36	38	35	37	54	54	47	41	37	46	41	45	45	39	40	46	43.8	
SNOW HILL 4 N	MAX	80	76	54	56	70	64	69	69	67	54	82	79	71	68	64	60	59	60	65	63	61	59	63	72	68	50	45	66	69	70	65.1	
	MIN	45	53	39	38	47	35	44	48	34	39	46	44	51	45	31	33	30	33	49	51	43	43	34	44	37	44	40	44	55	42.0		
CENTRAL EASTERN SHORE 02																																	
CAMBRIDGE WTR TRMT PL	MAX	84	82	55	60	68	66	70	70	68	61	83	83	73	74		67	60	65	62	64	60	57	60	70	69	59	50	66	73	73	67.3	
	MIN	38	52	39	39	51	40	45	47	38	44	46	49	54	48	48	37	41	40	49	52	45	43	45	47	50	46	41	37	42	56	45.0	
DENTON 1 S	MAX	83	75	53	65	65	65	70	70	68	62	82	80	74	72	64	59	62	63	62	62	60	63	63	71	66	56	50	70	73	71	66.6	
	MIN	45	43	38	36	50	34	42	47	32	40	44	48	55	42	33	35	32	35	46	49	45	40	33	44	39	45	42	34	37	53	41.3	
ROYAL OAK	MAX	79	73	53	61	66	60	71	69	61	62	80	75	72	68	64	61	61	65	60	61	59	60	61	70	64	56	50	68	71	69	65.0	
	MIN	48	51	39	39	50	40	43	56	35	41	44	47	55	47	36	39	40	41	48	51	48	42	36	45	42	45	43	39	43	58	44.4	
VIENNA	MAX	85	76		63	69	62	71	71	69	60	82	79	71	68	65	60	60	64	66	65	62	61	66	72	68	54	49	73	73	72	67.4	
	MIN	46	42	41	38	57	42	43	55	35	43	45	48	55	48	38	36	41	44	42	51	46	43	43	34	43	44	43	43	43	53	44.2	
LOWER SOUTHERN 03																																	
LA PLATA 1 W	MAX	89	81	55	69	70	61	74	75	66	71	84	75	79	71	66	60	66	66	57	65	59	62	66	72	64	54	55	70	77	71	68.3	
	MIN	44	51	36	41		35	43	44	32	41	35	42	51	37	33	33	37	36	46	46	37	40	33	39	40	42	40	32	37	52	39.9	
MECHANICSVILLE 1 SE	MAX	85	83	59	68	69	65	74	73	67	65	84	79	79	75	67	63	63	64	57	63	59	60	66	72	70	58	52	69	74	73	68.5	
	MIN	46	53	39	38	54	37	44	50	34	44	54	42	42	45	35	33	49	38	47	48	41	39	34	44	40	44	42	35	38	53	42.7	
OWINGS FERRY LANDING	MAX	86	79	54	68	67	54	63	62	54	65	84	76	64	63	65	61	62	64	65	57	62	61	62	60	56	58	52	71	75	71	64.7	
	MIN	41	54	39	45	49	37	49	39	31	41	42	39	33	35	34	33	32	37	42	35	33	36	40	39	41	40	39	40	44	53	39.7	
PATUXENT RIVER	MAX	86	73		64	67	52	71	71	50	56	83	69	74	66	63	53	59	60	58	63	57	59	57	70	59	48	48	66	72	68	63.5	
	MIN	47	52	45	44	47	41	44	50	39	48	46	47	53	47	48	40	43	41	50	48	44	40	40	46	45	41	40	39	43	47	44.8	
SOLOMONS	MAX	83	69	54		69	65	72	72	54	54	83	71	75	67	66	57	64	58	61	58	68	60	52	48	60	52	48	70	73	69	64.4	
	MIN	46	48	43	42	42	45	44	54	40	46	47	49	56	47	47	40	43	45	46	50	46	42	43	48	47	44	42	40	43	44	45.4	
UPPER SOUTHERN 04																																	
ANNAPOLIS POLICE BRKS	MAX	87	86	54	57	68	65	74	75		61	75	80	80	80	67	62	59	63	58	61	58	63	62	70	69	59	54	71	81	75	68.1	
	MIN	44	50	39	41	52	41	43	54	37	46	43	48	52	46	38	39	43	43	46	50	45	40	37	45	44	47	45	39	44	58	44.6	
BALTIMORE WSD AP	MAX	88	69	45	63	66	54	74	70	61	65	69	61	77	66	62	59	67	65	57	65	56	62	65	70	62	55	57	72	77	71	65.5	
	MIN	40	43	39	41	48	40	45	46	36	48	46	45	49	45	34	38	39	41	48	49	43	41	34	44	42	50	41	40	43	50	42.9	
BELTSVILLE	MAX	62	85	58	48	67	66	55	74	70	62	65	82	73	77	86	62	59	64	62	56	61	56	61	65	70	63	62	71	75		65.4	
	MIN	33	48	40	38	47	35	41	45	32	39	43	46	48	44	29	40	34	35	45	49	42	38	30	40	30		33	35	56	39.9		
BELTSVILLE PLANT STA 5	MAX	62	86	58	51	67	65	55	73	70	62	65	83	73	76	85	62	59	64	62	55	61	56	60	66	69	63	53	61	70	76	64.9	
	MIN	37	48	42	40	51	36	45	42	31	44	45	45	45	44	30	30	34	36	45	49	39	38	31	42	40	46	45	33	37	54	40.8	
COLLEGE PARK	MAX	64	87	57	52	69	66	61	74	70	61	66	84	75	77	86	62	58	67	64	56	62	57	61	68	70	63	53	61	71	77	66.0	
	MIN	38	49	42	40	50	39	44	47	35	48	46	51	49	45	33	33	36	38	46	50	44	38	33	44	41	45	44	35	40	57	42.7	
DALECARLIA RESVR D C	MAX	88	86	56	69	68	63	74	74	61	68	84	83	78	75	64	60	66	68	58	62	58	60	66	70	69	58	60	81	76	73	69.2	
	MIN																																
GLENN DALE BELL STA	MAX	86	70	55	69	66	64	74	75	71	65	84	81	78	76	66	60	66	65	60	61	59	62	66	70	69	58	58	72	76	72	68.5	
	MIN	36		37	36	46	33	43	42	28	39	42	42	47	43	28	26	36	34	44	47	39	36	39	38	35	44	33	33	52	38.6		
LAUREL 3 W	MAX	85	72	58	66	66	55	72	68	60	68	79	79	75	64	59	58	65	62	53	64	55	59	65	67	61	53	58	70	75	69	85.3	
	MIN	42	42		39	39	40	43	47	33	44	47	48	54	44	39	35	39	40	44	40	44	37	39	46	44	45	42	43	48	51	42.7	
NATIONAL ARBORETUM D C	MAX	63	87	68	50	69	65	67	75	72	63	67	83	73	78	66	63	58	65	63	56	63	52	61	64	71	63	52	60	71	76	66.1	
	MIN	40	49	41	39	48	39	40	48	37	44	45	50	54	45	37	38	41	40	46	50	44	40	34	44	43	45	44	37	42	59	43.4	
UPPER MARLBORO 3 NNW	MAX	63	87	58	47	68	66	54	74	71	61	65	84	73	77	67	62	58	65	63	56	63	58	61	65	70	62	52	57	70	76	65.1	

# DAILY TEMPERATURES

MARYLAND AND DELAWARE  
APRIL 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																																	
MILLINGTON	MAX MIN	84 42	80 46	49 35	57 37	65 48	57 41	70 45	70 40	65 35	65 45	76 45	76 45	75 48	70 32	60 34	64 30	60 35	59 35	62 50	57 43	60 39	61 31	71 49	63 39	54 36	49 42	68 33	73 38	69 49	65.0 39.7		
NORTHERN CENTRAL 06																																	
ABERDEEN PHILLIPS FLD	MAX MIN	86 42	85 48	53 36	60 35	64 45	62 43	72 40	72 50	64 36	63 45	64 45	73 39	75 48	74 46	62 36	58 36	62 36	63 39	59 40	62 48	58 42	59 41	65 35	66 54	65 41	61 43	53 45	70 50	76 48	75 48	66.0 42.7	
BALTIMORE WSO CI	MAX MIN	90 48	78 48	49 39	62 42	69 52	56 46	78 46	72 48	63 38	64 50	71 52	76 53	80 58	68 48	64 46	59 40	68 44	65 47	58 48	61 52	58 48	64 42	65 44	72 55	63 52	57 50	58 50	74 49	80 54	72 53	67.1 48.1	
BENSON POLICE BARRACKS	MAX MIN	87 40	84 40	55 35	60 35	61 50	63 32	73 42	74 42	68 32	65 43	70 44	75 42	75 43	76 42	62 35	60 33	64 32	67 39	61 44	60 48	57 40	63 37	67 34	67 49	67 41	60 46	64 45	71 40	76 45	75 50	67.6 40.7	
BOYDS 2 NW	MAX MIN	85 37	81 42	54 38	65 36	65 50	56 39	72 42	71 50	65 37	65 45	77 45	78 44	75 48	71 32	61 31	57 33	65 36	63 37	58 43	57 45	63 45	54 45	57 35	63 38	68 42	66 43	56 42	62 41	69 39	74 42	70 54	66.0 41.0
CATOCTIN MOUNTAIN PARK	MAX MIN	79 43	74 35	48 31	60 32	61 28	56 34	67 34	67 43	59 28	66 34	68 43	68 28	69 42	66 45	53 42	60 33	59 33	50 30	50 60	51 39	54 40	58 40	59 39	59 32	52 32	60 32	66 42	70 42	65 51	60.9 37.3		
CLARKSVILLE 3 NNE	MAX MIN	85 33	82 44	52 36	65 38	62 50	57 34	72 32	71 31	61 30	64 39	74 42	79 43	75 40	72 39	59 26	56 29	65 28	62 31	56 44	60 43	55 42	57 33	64 27	65 37	64 33	56 46	59 45	69 45	74 42	71 44	65.4 37.5	
CONDWINGO DAM	MAX MIN	38 38	45 45	35 35	38 42	42 37	42 42	41 41	40 40	43 43	49 49	43 43	43 32	36 36	31 31	39 39	38 48	46 41	32 48	40 40	47 40	32 48	40 40	47 40	40 40	47 40	40 40	34 34	37 37	47 47	40.3		
DAMASCUS 2 SW	MAX MIN	84 43	76 42	48 36	64 37	61 50	53 37	71 41	66 50	59 30	65 41	77 44	71 34	73 35	62 39	58 31	64 39	60 39	52 42	56 45	54 42	57 35	62 33	66 44	59 39	55 44	62 33	68 43	68 39	74 43	67 53	63.3 41.1	
EMMITSBURG 2 SE	MAX MIN	84 33	79 38	53 34	62 34	60 45	58 34	71 27	68 42	61 25	68 40	69 43	72 45	73 40	72 38	60 23	57 28	65 26	61 34	53 40	58 44	53 42	60 34	63 28	66 43	63 35	58 43	65 42	70 32	74 42	73 49	65.0 36.2	
FREDRICK POLICE BRKS	MAX MIN	85 42	83 44	59 39	64 37	65 51	61 40	73 43	73 53	67 32	67 45	72 48	75 49	75 52	72 42	64 34	60 37	65 34	65 34	58 43	58 43	55 46	60 38	63 37	69 46	68 42	60 47	64 47	72 47	75 47	74 57	67.4 43.1	
PARKTON 2 SW	MAX MIN	83 38	69 41	43 33	58 34	62 49	50 34	70 40	64 39	55 28	62 42	67 39	70 28	74 44	61 38	52 46	60 30	62 31	61 36	52 42	58 44	55 41	59 35	63 41	64 44	63 35	53 41	60 44	68 37	72 41	65 45	61.6 37.9	
ROCKVILLE 3 NE	MAX MIN	86 44	49 49	37 37	40 40	36 36	64 36	73 42	74 49	67 31	65 43	81 40	80 46	78 47	75 42	64 44	64 29	68 40	68 33	60 44	60 46	57 41	60 31	65 46	67 41	70 39	58 43	60 44	71 32	76 35	75 52	68.7 40.0	
TOWSON	MAX MIN	85 33	85 33	33 33	58 37	63 52	62 40	70 46	71 33	66 34	62 44	67 34	71 34	75 35	64 39	59 31	63 34	63 31	57 26	64 39	63 44	58 49	56 44	61 37	64 36	66 44	65 43	58 44	61 45	70 43	74 55	66.1 40.2	
UNIONVILLE	MAX MIN	85 32	78 40	59 30	65 38	62 51	53 35	72 43	68 44	60 27	69 40	76 44	76 27	74 39	69 28	58 27	64 28	63 31	55 44	63 46	52 45	59 37	62 26	65 45	63 32	56 47	64 45	69 27	73 41	66 41	64.9 37.3		
WESTMINSTER 2 SSE	MAX MIN	83 40	75 40	45 33	63 34	58 49	51 36	69 40	65 42	60 30	64 44	71 43	69 44	72 52	65 39	57 33	60 30	60 34	54 42	56 45	52 42	57 35	59 34	64 45	60 40	53 45	61 44	67 39	71 44	63 52	61.8 40.3		
WOODSTOCK	MAX MIN	85 38	80 44	52 35	65 37	63 50	56 35	73 42	69 37	63 30	65 43	72 45	73 45	75 47	70 41	59 29	57 33	65 32	62 35	55 44	60 47	54 41	60 36	65 30	67 42	62 39	55 46	60 46	70 35	75 39	70 50	65.2 39.8	
APPALACHIAN MOUNTAIN 07																																	
CUMBERLAND 2	MAX MIN	82 35	78 38	54 39	66 41	63 40	55 41	73 46	70 33	69 34	76 49	77 50	77 47	76 41	64 32	59 35	70 34	64 34	49 26	52 32	52 36	59 31	63 28	67 41	62 47	59 44	70 42	76 38	74 32	66.3 41.0			
FROSTBURG 2	MAX MIN	60 35	73 30	49 29	41 32	58 36	50 36	53 35	63 44	56 26	61 27	68 45	75 43	66 43	63 33	52 31	50 26	52 36	58 38	47 31	43 28	45 30	39 28	49 30	57 41	59 39	48 39	49 39	60 38	61 39	66 42	55.7 34.9	
HAGERSTOWN	MAX MIN	82 43	47 37	47 37	60 36	61 42	56 39	70 42	71 43	63 30	67 45	73 49	73 46	72 42	63 40	56 34	58 35	62 33	53 43	55 38	52 43	59 35	60 32	66 36	60 39	59 38	66 45	70 44	74 41	69 50	63.0 40.1		
HANCOCK FRUIT LAB	MAX MIN	56 32	83 39	55 37	45 37	61 45	59 36	50 42	71 50	85 26	64 41	71 50	74 50	74 38	71 40	62 27	56 31	59 27	66 34	57 44	50 46	55 45	52 37	63 26	58 41	66 33	61 49	56 41	69 32	70 31	74 49	62.4 38.5	
ALLEGHENY PLATEAU 08																																	
MCHENRY 2 NW	MAX MIN	60 32	73 26	50 27	56 32	72 37	50 35	51 37	62 37	55 25	60 30	77 48	73 38	66 44	60 30	57 33	58 34	58 34	57 36	46 46	45 37	40 33	36 28	48 29	50 49	58 39	44 35	48 36	59 36	68 44	56.8 34.9		
OAKLAND 1 SE	MAX MIN	72 30	69 28	48 32	72 34	59 37	48 29	64 41	58 41	62 22	77 37	72 43	65 40	65 41	55 30	52 31	53 18	59 20	50 27	48 37	45 33	39 33	50 28	59 20	60 40	56 32	47 35	60 29	65 25	58 44	58.2 32.5		
SAVAGE RIVER DAM	MAX MIN	51 32	75 34	55 34	42 34	62 40	54 34	66 40	58 46	58 27	64 33	71 47	77 46	68 38	65 37	55 34	52 27	56 28	62 32	46 42	45 41	46 40	43 29	52 27	59 32	61 37	50 40	50 34	62 31	62 32	67 43	57.7 35.7	

SEE REFERENCE NOTES FOLLOWING STATION INDEX



# DAILY TEMPERATURES

MARYLAND AND DELAWARE  
APRIL 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	81 40	78 45	52 34	62 36	65 47	58 34	70 41	69 44	63 29	65 40	66 44	71 42	75 49	72 43	60 30	59 32	63 30	64 35	58 44	60 49	57 46	60 38	60 35	68 49	65 42	54 46	50 45	69 35	73 43	72 48	64.6 40.5	
NEWMARK UNIVERSITY FARM	MAX MIN	84 38	83 43	50 33	61 35	61 48	59 35	69 40	69 44	61 30	65 38	65 43	71 42	75 43	74 42	59 32	57 33	63 30	64 35	60 41	61 47	58 42	59 38	64 31	67 50	66 44	61 43	53 47	69 32	72 40	69 50	65.0 39.8	
WILMINGTON WSO AP	MAX MIN	81 42	65 42	42 32	58 35	62 43	50 35	69 41	61 37	55 30	58 38	66 43	71 42	75 46	60 42	58 34	54 32	57 33	61 39	55 43	60 47	56 45	60 38	63 33	66 45	63 41	54 45	51 38	70 35	74 40	64 43	61.3 39.3	
WILMGTN PORTER RESVR	MAX MIN	82 43	70 41	43 32	58 34	61 42	50 37	68 40	60 37	54 29	65 37	69 43	74 43	58 50	56 43	54 37	57 33	60 35	59 39	59 42	55 48	55 44	58 38	62 37	64 50	64 45	57 45	51 41	68 40	71 44	62 42	61.0 40.4	
SOUTHERN 02																																	
BRIDGEVILLE 1 NW	MAX MIN	80 44	79 50	50 38	64 37	67 52	63 35	70 42	69 50	65 32	60 41	82 44	74 44	73 52	68 43	62 35	59 34	62 34	61 37	65 48	64 51	60 42	60 42	64 32	70 47	68 38	51 45	50 42	68 35	72 41	72 54	65.7 42.0	
DOVER	MAX MIN	83 44	80 48	53 35	61 36	66 47	65 36	70 37	71 49	65 34	57 41	64 45	80 46	75 53	76 45	74 38	61 34	70 37	60 41	61 43	63 51	63 43	60 39	62 37	70 51	69 43	56 46	51 42	70 39	73 40	74 51	66.8 42.4	
GEORGETOWN 5 SW	MAX MIN	71 45	81 51	55 38	47 37	68 47	67 34	57 41	69 45	65 32	55 37	59 43	82 45	70 52	72 45	64 31	61 35	56 31	61 37	60 48	65 51	62 42	59 42	59 33	63 45	70 36	58 44	48 40	52 37	67 41	71 55	63.1 41.3	
LEWES 1 SW	MAX MIN	83 46	79 46	48 36	56 38	67 47	52 34	69 42	62 42	53 34	52 39	82 45	71 45	74 54	62 43	62 36	54 38	58 35	54 39	63 46	62 49	62 40	62 40	60 43	68 40	68 48	53 43	49 46	48 42	66 39	72 39	67 53	62.0 42.2
MILFORD 2 WSW	MAX MIN	83 45	79 50	52 38	64 37	68 50	63 34	70 42	70 45	63 32	59 35	82 44	80 45	75 54	70 43	65 39	64 35	63 35	59 39	63 46	63 51	51 41	62 40	64 35	72 46	66 47	58 46	48 42	70 38	73 40	72 53	66.7 42.2	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

# EVAPORATION AND WIND

MARYLAND AND DELAWARE  
APRIL 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																																		
UPPER MARLBORO 3 NNW	EVAP	-	.48	.25	.05	.09	.15	.15	.21	.28	.17	.14	.14	.26	.23	.26	.27	.16	.17	.14	.02	.10	.13	.18	.15	.19	.11	.07	.04	.26	.21		5.238	
	WIND	-	122	73	48	41	63	27	50	64	26	25	48	50	72	53	67	32	43	70	18	47	56	38	19	39	51	153	46	51	31		15788	
	MAX	69	78	68	49	68	74	56	75	73	70	70	72	78	75	70	69	70	72	69	55	62	58	70	71	73	63	49	56	75	78		67.8	
	MIN	43	46	42	40	42	41	41	45	38	38	47	46	48	41	40	38	38	44	46	48	42	41	41	42	45	46	41	39	42	47		42.6	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

# EVAPORATION AND WIND

MARYLAND AND DELAWARE  
APRIL 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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	WIND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	MAX	-	-	-	-	-	-	-	-	-	69	61	70	70	71	73	70	65	64	65	70	70	62	62	67	72	72	74	74	51	72	75	69	-	
	MIN	-	-	-	-	-	-	-	-	-	47	38	43	48	46	51	41	38	38	41	43	48	42	40	36	51	44	45	42	36	42	51	-	68.2	
■   ■   ■																																			
SOUTHERN           02																																			
GEORGETOWN 5 SW	EVAP	-	-	-	-	.18	.24	.12	.13	.36	.15	.13	.24	.30	.27	.28	.32	.14	.19	.25	.09	.13	.16	.19	.19	.26	.15	.36	.09	.33	.30	-	6.388		
	WIND	-	-	-	-	112	95	65	110	98	47	49	156	144	132	120	146	53	97	111	67	96	123	70	45	62	98	235	145	98	105	-	30918		

SEE REFERENCE NOTES FOLLOWING STATION INDEX

# SNOWFALL AND SNOW ON GROUND

MARYLAND AND DELAWARE  
APRIL 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																																
UPPER SOUTHERN 04	SNOWFALL SN ON GND WTR EQUIV			T																												
BALTIMORE WSO AP																																
NORTHERN EASTERN SHORE 05	SNOWFALL SN ON GND			T	T																											
CHESTERTOWN																																
NORTHERN CENTRAL 06	SNOWFALL SN ON GND																															
WESTMINSTER 2 SSE																																
APPALACHIAN MOUNTAIN 07	SNOWFALL SN ON GND																															
FROSTBURG 2		T	T	T	T																											
ALLEGHENY PLATEAU 08	SNOWFALL SN ON GND																															
MCHENRY 2 NW		T	T	T	T																											
OAKLAND 1 SE	SNOWFALL SN ON GND																					T	T	.5								

SEE REFERENCE NOTES FOLLOWING STATION INDEX

# SNOWFALL AND SNOW ON GROUND

MARYLAND AND DELAWARE  
APRIL 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	
DELAWARE * * * NORTHERN 01 WILMINGTON WSD AP  SNOWFALL SN ON GND WTR EQUIV			T																													

SEE REFERENCE NOTES FOLLOWING STATION INDEX

# STATION INDEX

MARYLAND AND DELAWARE  
APRIL 1978

STATION	INDEX NO.	DIVISION	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER	
								TEMP.	PRECIP.	EVAP.	SPECTRAL (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
ASSATEAQUE STATE PARK	0335	01	WORCESTER	2	38 14	75 08	7	5P	5P			H	ASSATEAQUE STATE PARK
BALTIMORE WSO AP	0465	04	ANNE ARUNDEL	3	39 11	76 40	196	MID	MID			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		H	U S DEPT OF AGRICULTURE
BELTSVILLE PLANT STA 5	0705	04	PRN GEORGES	5	39 01	76 57	100	9A	9A			C	U S DEPT OF AGRICULTURE
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	4P	4P			C H	CATOCTIN MOUNTAIN PARK
CENTREVILLE	1627	05	QUEEN ANNES	1	39 03	76 03	46	6P	6P			H	MARION C LEIRY
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			C H	WASH SUB SANY COMM
MCHENRY 2 NW	5832	08	GARRETT	7	39 35	79 22	2680	8A	8A				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	5P	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	ROBERT R WESTFALL
POTOMAC FILTER PLANT	7272	06	MONTGOMERY	5	39 02	77 15	270		MID				WASH SANITARY COMM
PRINCESS ANNE	7330	01	SOMERSET	1	38 13	75 41	20	5P	5P			H	MARYLAND ST COLLEGE FRM
ROCKVILLE 3 NE	7705	06	MONTGOMERY	5	39 07	77 06	400	4P	4P			H	MD NATL CAPITAL PARK
ROYAL OAK	7806	02	TALBOT	1	38 43	76 11	10	6P	6P			H	J L SWAINE JR
SALISBURY	8000	01	WICOMICO	1	38 22	75 35	10	5P	5P				CITY OF SALISBURY
SALISBURY FAA AP	8005	01	WICOMICO	1	38 20	75 31	48	MID	MID			H	FAA
SAVAGE RIVER DAM	8065	08	GARRETT	5	39 31	79 08	1495	8A	8A	8A		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		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  
APRIL 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
NATIONAL ARBORETUM D C	6350	04		5	38 54	76 59	50	8A	8A		H	U S NATL ARBORETUM
DELAWARE												
BRIDGEVILLE 1 NW	1330	02	SUSSEX	1	38 45	75 37	50	5P	5P		H	WILLIAM M RAY
DOVER	2730	02	KENT	2	39 09	75 31	30	5P	5P		H	STATE DIV OF HIGHWAYS
GEORGETOWN 5 SW	3570	02	SUSSEX	1	38 38	75 27	45	8A	8A	8AC	H	UNIV OF DEL SUBSTATION
LEWES 1 SW	5320	02	SUSSEX	2	38 46	75 09	20	6P	MID		H	FREDERICK O VOGL
MIDDLETOWN 1 WSW	5852	01	NEW CASTLE	2	39 26	75 45	60	4P	4P		H	PIONEER HIBRED CORN CO
MILFORD 2 WSW	5915	02	SUSSEX	2	38 54	75 28	30	5P	5P		H	MRS BERNARD FRANKEL
NEWARK UNIVERSITY FARM	6410	01	NEW CASTLE	2	39 40	75 44	90	5P	5P	5P	H	UNIV OF DELAWARE
WILMINGTON WSO AP	9595	01	NEW CASTLE	2	39 40	75 36	79	MID	MID		C HJ	NATL WEATHER SERVICE
WILMNGTON PORTER RESVR	9605	01	NEW CASTLE	2	39 46	75 32	274	MID	MID		H	WATER DEPARTMENT

SEE REFERENCE NOTES FOLLOWING STATION INDEX

Additional information regarding the climate of these States may be obtained by writing to the National Climatic Center, Federal Building, Asheville, N.C. 28801, or to any Weather Service Office near you. Additional precipitation data are contained in the "HOURLY PRECIPITATION DATA" for these States.

**DIMENSIONAL UNITS:** Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65°F. In "Supplemental Data" table directions entered in figures are tens of degrees. Resultant wind is the vector sum of wind directions and speeds divided by the number of observations.

**OBSERVATION TIME:** The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time. Snow on the ground in the "Snowfall and Snow on Ground" table is at observation time for all except Weather Service Offices and FAA stations. For these stations snow on ground values are at 7:00 a.m., e.s.t. Data in the "Extremes" table, "Daily Precipitation" table, "Daily Temperature" table, "Evaporation and Wind" table, and snowfall in the "Snowfall and Snow on Ground" table, when published, are for the 24 hours ending at time of observation.

**EVAPORATION** is measured in the standard Weather Service-type pan of 4-foot diameter unless otherwise noted below in the Evaporation and Wind table. Max and Min values in the Evaporation and Wind table are extremes of temperature of water in pan as recorded during 24 hours ending at time of observation. Wind is the total wind movement in miles over the evaporation pan as determined by a continuous anemometer recorder located 6-8 inches above the pan.

**WATER EQUIVALENT** values published in the "Snowfall and Snow on Ground" table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently, occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record. Time of observation 1:00 p.m., e.s.t.

**SNOWFALL:** Entries of snowfall in the "Monthly Summarized Data" table, the "Snowfall and Snow on Ground" table, and in the "Seasonal Snowfall" table, include snow and sleet. Entries of snow on ground include snow, sleet, and ice.

**NORMALS** for all stations are climatological standard normals based on the period 1941-1970.

**DIVISIONS,** as used in this publication, became effective with data for October 1956.

**STATION NAMES:** Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

**SEASONAL TABLES:** Monthly and seasonal snowfall and heating degree days for the 12 months ending with the preceding June data will be carried in the July issue of this bulletin.

**LATE REPORTS AND CORRECTIONS** will be carried only in the June and December issues of this bulletin.

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

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

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

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

- AR This entry in time of observation column in Station Index means after rain.
- C Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in the "Hourly Precipitation Data" bulletin. If daily amounts are published in "Climatological Data" bulletin they are from a separate non-recording gage, except where indicated by reference 'R'. Such amounts may differ from amounts published from the recording gage in the "Hourly Precipitation Data" bulletin.
- G "Soil Temperature" table.
- H "Snowfall and Snow on Ground" table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.
- J "Supplemental Data" table.
- SS This entry in time of observation column in Station Index means observation made near sunset.
- VAR This entry in time of observation column in Station Index means variable.
- # Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, this reference indicates that the thermometers are exposed in a shelter located on the roof of a building.
- \* DRAINAGE CODE: 1-CHESAPEAKE 2-COASTAL 3-PATAPSCO 4-PATUXENT 5-POTOMAC 6-SUSQUEHANNA 7-YOUGHIOGHENY

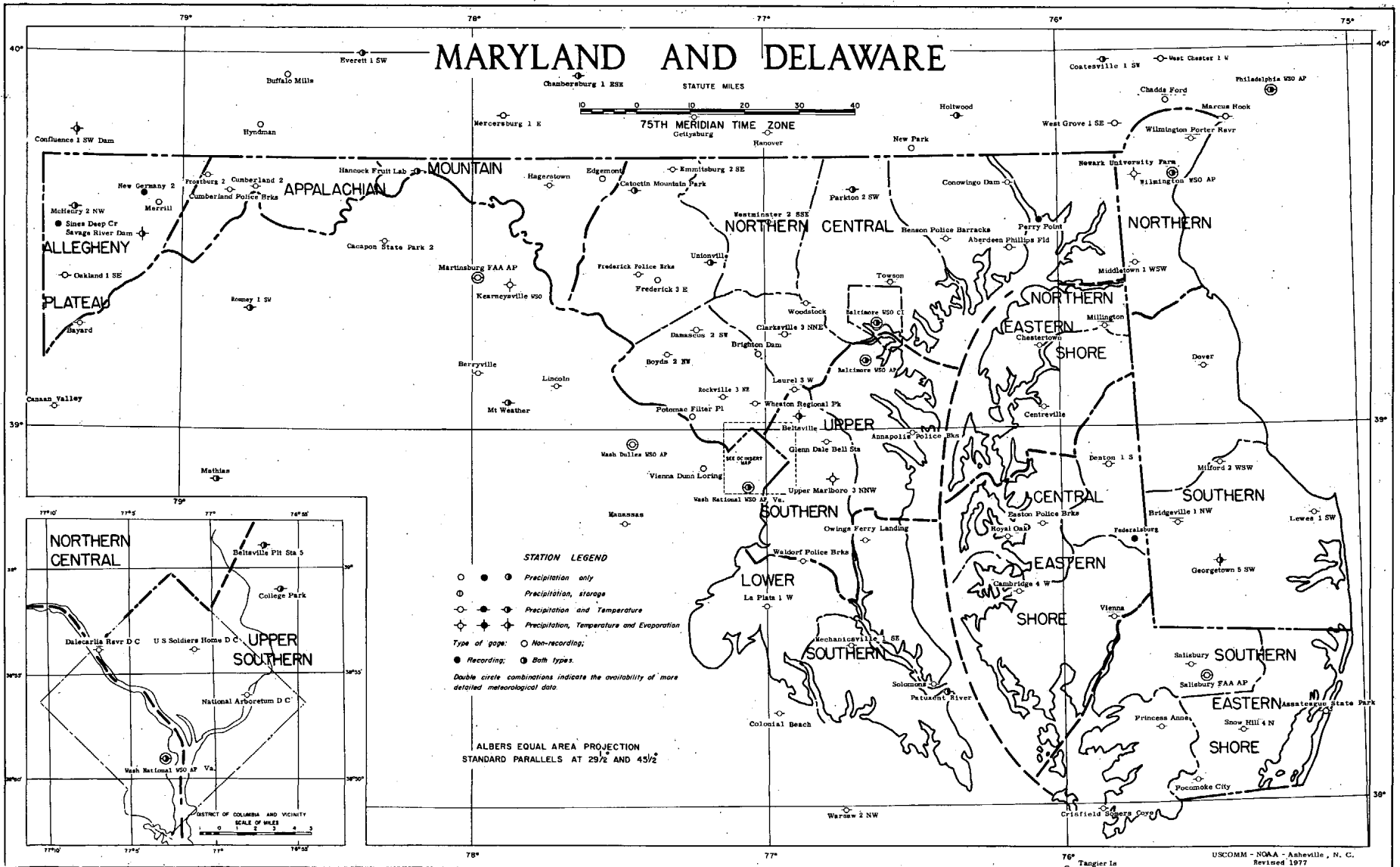
Stations appearing in the tables with no data were either missing or received too late to be included in this issue.

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

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this State, price 25 cents. Similar information for regular National Weather Service Offices may be found in the latest annual issue of Local Climatological Data, price 15 cents. These publications may be obtained from the National Climatic Center at the address shown above.

Subscription Price: \$5.10 a year for each section including annual summary; \$5.55 additional for foreign mailing; 40¢ single copy; 30¢ annual summary. Make checks payable to Department of Commerce, NOAA; send payments and orders to: National Climatic Center, Federal Building, Asheville, N. C. 28801, Attn: Publications.





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