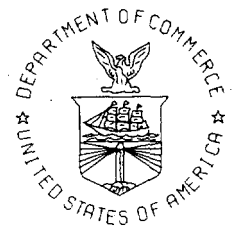


Climatological Data



MARYLAND AND DELAWARE

TEMPERATURE AND PRECIPITATION EXTREMES

HIGHEST TEMPERATURE:	8 STATIONS		65	DATE 26+
LOWEST TEMPERATURE:	OAKLAND 1 SE	MD.	-20	DATE 23
GREATEST TOTAL PRECIPITATION:	LA PLATA 1 W	MD.	9.06	
LEAST TOTAL PRECIPITATION:	FREDERICK 3 E	MD.	4.77	
GREATEST 1 DAY PRECIPITATION:	NATIONAL ARBORETUM D C	MD.	2.28	DATE 09
GREATEST TOTAL SNOWFALL:	FROSTBURG 2	MD.	67.0	
GREATEST DEPTH OF SNOW OR ICE:	FROSTBURG 2	MD.	43	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				TRACE	.01-.09	.10-.49	.50-.99	1.00-1.99	2.00 AND OVER	TOTAL					
							01	07	13	19												
BALTIMORE WSO AP MD	29	6.0	10.9	48	SW	26	61	66	57	56	6	3	2	3	3	0	17	56	6.5			
WILMINGTON WSO AP DEL	29	6.0	12.7	33++	24	26+	70	73	59	63	4	3	2	2	4	0	15	-	6.6			

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

Daniel B. Mitchell

DIRECTOR
NATIONAL CLIMATIC CENTER

noaa

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

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

MARYLAND AND DELAWARE
JANUARY 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 DRY DATE	SNOW. SLEET			NO. OF DRY			
										32° OR BELOW	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	-100 OR MORE
MARYLAND																								
SOUTHERN EASTERN SHORE 01																								
ASSATEAGUE STATE PARK	42.0	23.9	33.0		58	26	12	11	985	0	3	27	0	6.70		1.78	20					10	8	2
CRISFIELD SOMERS COVE	43.0M	27.0M	35.0M	- 3.0	58	26+	14	10	912	0	5	26	0			1.08	20					9	8	3
POCOMOKE CITY	42.5	25.4	34.0		62	25	13	10	954	0	2	27	0	7.21		1.42	20					9	8	3
PRINCESS ANNE	42.0	25.3M	33.7M		64	26			955	0	4		0	5.49		1.45	20					8	4	3
SALISBURY	42.8	24.6	33.7	- 3.8	65	26	12	12	960	0	3	28	0	7.67	4.34	1.52	9					10	7	3
SALISBURY FAA AP	42.3	25.7	34.0		65	26+	8	12	951	0	7	26	0	7.53		1.64	13					9	5	4
SNOW HILL 4 N	41.3	24.6	33.0	- 3.6	61	9	10	11	983	0	5	28	0	6.32	2.72	1.42	20					9	6	2
DIVISION																								
CENTRAL EASTERN SHORE 02																								
CAMBRIDGE WTR TRMT PL	38.3	25.7	32.0		63	26	12	10	1014	0	8	28	0	7.57	4.46	1.71	14					8	5	5
DENTON 1 S	39.6	23.8	31.7	- 3.2	65	26	12	10	1023	0	5	28	0	6.44	3.29	1.01	9					1	13	9
ROYAL OAK	38.6	25.2	31.9		60	26+	14	11	1020	0	7	28	0	7.68		1.22	25					1	13	9
VIENNA	40.8	25.4	33.1		65	26	12	11	980	0	4	24	0			1.70	14					10	8	4
DIVISION																								
LOWER SOUTHERN 03																								
LA PLATA 1 W	39.2	21.4	30.3	- 5.4	60	9	7	23	1069	0	4	29	0	9.06	5.98	1.66	9					6	22+	10
MECHANICSVILLE 1 SE	38.5	22.8	30.7		60	9	8	16	1056	0	5	29	0	8.29		1.60	14					3	22+	10
OWINGS FERRY LANDING	37.6	19.5M	28.6M	- 7.3	60	9	6	10	1113	0	10	29	0	8.09	5.21	1.21	25					1	13	9
PATUXENT RIVER	39.4	24.5	32.0		60	25	11	10	1017	0	5	28	0	5.89		1.72	17					3	19	8
SOLOMONS	36.5	25.7	31.1	- 6.2	62	9	15	10+	1044	0	15	28	0											
DIVISION																								
UPPER SOUTHERN 04																								
ANNAPOLIS POLICE BRKS	38.4	19.4M	28.9M	- 5.6	57	26	8	10	1124	0	7		0	8.35	5.57	1.44	25					9	7	5
BALTIMORE WSO AP	36.5	21.9	29.2	- 4.2	57	25+	8	23	1101	0	10	27	0	7.34	4.43	1.83	25					5	20	8
BELTSVILLE	38.0M	19.8M	28.9M		61	9	3	23	1112	0	10	27	0	7.86								11.2		
BELTSVILLE PLANT STA 5	36.0	20.8	28.4		59	9	4	23	1129	0	11	28	0	7.51		1.93	9					7	21+	7
COLLEGE PARK	37.2	21.6	29.4	- 5.5	60	9	7	23	1098	0	10	28	0	7.98	5.25	2.16	9					7	20	7
DALECARLIA RESVR D C	38.5	22.2M	30.4M		58	26	8	23	1071	0	4	27	0	6.95		1.18	25					9	7	4
GLENN DALE BELL STA	38.1	20.4	29.3	- 4.8	59	9+	3	23	1098	0	8	27	0	7.83	5.01	1.40	9					4	20	9
LAUREL 3 W	35.0	20.6M	27.8M		59	8	7	23	1153	0	14	28	0	7.68		1.84	25					6	21+	8
NATIONAL ARBORETUM D C	37.8	20.9	29.4		62	9	10	10	1096	0	7	29	0	7.58		2.28	9					6	21+	7
UPPER MARLBORO 3 NNW	37.3	19.2	28.3		60	9	7	23	1132	0	7	29	0	8.63		2.14	9					5	23+	9
DIVISION																								
NORTHERN EASTERN SHORE 05																								
CENTREVILLE	37.6	21.9	29.8		65	26	9	10	1085	0	10	28	0	7.59		1.70	9					9	0	3
CHESTERTOWN	37.2	22.1	29.7	- 4.4	64	9+	11	10	1087	0	11	29	0	7.12	3.98	1.71	25					10.5	2	23+
HILLINGTON	37.7	21.5	29.6	- 4.2	64	26	10	10	1089	0	11	29	0	6.23	3.16	1.24	25					8.3	3	13
DIVISION																								
NORTHERN CENTRAL 06																								
ABERDEEN PHILLIPS FLD	36.5	22.5	29.5		61	9	7	24	1093	0	11	27	0			1.49	25					9	0	8
BALTIMORE WSO C1	38.7	26.1	32.4	- 3.7	61	26	14	10	1003	0	8	27	0	8.12	5.12	1.92	25					4	20	10
BENSON POLICE BARRACKS	36.7	20.0	28.4		58	26	2	23	1127	0	9	28	0	7.50		1.66	25					22.0		
BOYDS 2 NW	34.0	19.6	26.8		55	26	7	10	1178	0	16	28	0			1.66	25					9	20	10
CATOCTIN MOUNTAIN PARK	29.5	15.8	22.7		49	26	0	10	1302	0	21	30	1	7.46		1.79	9					18	24+	10
CLARKSVILLE 3 NNE	34.5	18.0	26.3		59	9	- 4	23	1188	0	15	29	2	7.24		1.34	25					14.2	8	22+
CONNINGO DAM	34.6M	18.8M	26.7M	- 4.2	58	9	4	24	1197	0	10	30	0	8.26	5.30	2.01	25					13.0		
DANMASCUS 2 SW	32.8	18.8	25.8		59	9+	4	10	1205	0	18	28	0	8.02		1.65	25					13.6	9	21+
EDMITSBURG 2 SE	33.2	15.7	24.5		59	9	- 9	23	1252	0	18	30	2	7.07		1.82	14					29.5	16	20
FREDRICK POLICE BRKS	34.4	20.4	27.4		61	9	6	10	1154	0	15	28	0	5.63		1.34	9					18.5	12	22+
PARKTON 2 SW	33.9	16.6	25.3		56	26+	5	31+	1222	0	16	29	0	8.25		1.97	25					20.6	9	21+
ROCKVILLE 3 NE	36.5	18.4	27.5		59	9	2	23	1158	0	10	26	0	7.76		1.29	26					13.3	8	25+
TOWSON	35.9	20.9	28.4		56	26	9	10	1130	0	11	27	0	8.35	5.37	1.70	25					10	7	3
UNIONVILLE	34.2	16.7	25.5	- 5.0	60	9	- 8	23	1220	0	17	29	2	7.24		4.67	1.58	25				14.9	9	7
WESTMINSTER 2 SSE	31.6	18.6	25.1	- 6.3	55	26	5	10	1228	0	19	28	0	6.75	3.78	1.74	26					15.1	14	23+
WOODSTOCK	34.5	19.2	26.9	- 5.4	58	9	2	23	1174	0	16	29	0	7.63	4.78	1.42	25					13.0	5	23+
DIVISION																								
SEE REFERENCE NOTES FOLLOWING STATION INDEX																								

DAILY PRECIPITATION

MARYLAND AND DELAWARE
JANUARY 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	6.70	.03	.05			.10	.50	.02	.58				.62	1.07			.65	.50		1.78							.50	.30							
CRISFIELD SOMERS COVE							.50	.01	1.00				.50	.78						1.08							.50	.40							
PBCKOKE CITY	7.21	.01	T				.53	.01	1.00				.62	1.06			.86	.66		1.42							.47	.52							
PRINCESS ANNE	5.48	.03					.02	.46	.05	1.22			.06	.11			.80	.20		1.45							.88	.12							
SALISBURY	7.07	.07	.02				.03	.41	.12	1.52			.63	1.04			.80	.75		1.30							.72	.28							
SALISBURY FAA AP	7.53	.01					.45	.02	.38	1.02			1.64	T	T		1.32			.38	1.06						.89	.26				T			
SNOW HILL 4 N	6.32		T				.03	.50	T	.65			.51	1.39	T		.46	.72		1.42							.35	.29				T			
* * * CENTRAL EASTERN SHORE 02																																			
CAMBRIDGE WTR TRMT PL	7.57		.02				.01	.25	1.43		.02		.19	1.71			.01	1.43		1.03							.35	1.12							
DEATON 1 S	6.44	T	T				.04	.46	1.01				.58	.97			.20	.72		.81							.87	.77	T						
ROYAL OAK	7.98	T	.02				.06	.46	1.00				.76	1.20			.55	.81		1.07							1.22	.53							
VIENNA							.05	.24	.37				.80	1.70			.60	.64		1.12							.44	.37							
* * * LOWER SOUTHERN 03																																			
LA PLATA 1 W	8.06	.01					.03	.21	.87	1.66			.75	.69	T		1.10	T		.28	.95						1.35	1.16							
MECHANICSVILLE 1 SE	8.28		.04				.08	.11	.80	.84			.10	1.60			.55	.83		1.30							1.12	.61							
OWINGS FERRY LANDING	8.08								1.15	.75			.60	1.15			1.05	.23		1.30	T						.75	1.70							
PATUXENT RIVER	5.89	.01	T		T			.42	.85				1.35	.01	T		1.72	T		.31	.33						.71	.38					T		
SOLBODONS		T					.06	*	1.62		.02		*	1.63						1.48							.74	.50							
* * * UPPER SOUTHERN 04																																			
ANAPOLIS POLICE BRKS	8.35	.04	.03				.01	.01	.69	.87			.20	1.15			.22	1.36		1.15	.05						1.44	1.10	.01					.01	
BALTIMORE WSB AP	7.34	.08					T	.73	.90				1.18	.08		T	1.25	T	.18	.73	T			.03			1.83	.37	T						
BELTSVILLE	7.86						*	*	1.85				.25	.93			.60	.98		.73							.74	1.70							
BELTSVILLE PLANT STA 5	7.81	.08						.02	1.83		.04		.30	.92			.07	.95		.70	.05						.75	1.70							
COLLEGE PARK	7.88	.05					T	.04	2.16		.04		.33	.86	T		.07	.84		.87	.02	T					.75	1.75							
DALECARLIA RESVR D C	6.95	.09						.50	1.00				.15	1.07			.43	.80		.69							1.18	1.05							
GLENN DALE DELL STA	7.83	.05	.06				T	.48	1.40				.35	.81			.39	.73		.82							1.32	1.14							
LAUREL 3 W	7.88	T					T	1.09	.97				1.10	.06			.87			.35	.50						1.84	.80							
NATIONAL ARBORETUM D C	7.58	.07						.28	.28		.03		.33	.70			.05	.81		.88							.67	1.86							
UPPER MARLBORO 3 NW	8.63	.04						.03	2.14		.03		0.29	1.24			.19	1.23		.80	.34						.58	1.75							
* * * NORTHERN EASTERN SHORE 05																																			
CENTREVILLE	7.59	.06						.48	1.70				.33	1.25			.33	.75		.80							1.05	.84							
CHESTERSTOWN	7.12	.10					T	.67	.66				1.48	.13			1.15	T		.08	.66	T					1.71	.47	T						
HILLINGTON	6.23	.08					T	.42	.52				.60	.90			.30	.68		.94							1.24	.54							
* * * NORTHERN CENTRAL 06																																			
ABERDEEN PHILLIPS FLD		.05	T						1.38				.20				.36	1.05		.88							1.48	.87							
BALTIMORE WSB CI	8.12	.10						.80	.88				1.16	.11			1.83	.88		.20	.78				.04		1.92	.28							
BENSON POLICE BARRACKS	7.50					.10		.55	1.52				.25	.12			.51	.88		0.80	.08						1.56	1.25							
BOYDS 2 NW		.01	T					.52					.28	1.20			.44	.25		.46							1.66	.55							
BRIGHTON DAM	7.58	.07						.05	.71	.80			1.09	.08			.89			.42	.89					.05	1.59	.85							
CATCOTIN MOUNTAIN PARK	7.46	.11						.06	.36	1.78			.32	.67			.86			.19	.84						1.25	.91							
CLARKSVILLE 3 NNE	7.24	.08	T				T	.53	1.16				.25	.53			.37	.64		.74	T						1.34	1.26							
CONDWING DAM	8.28	.90					T	.64	1.02				1.10	.12			1.28	T		.15	1.24						2.01								
DARRSCUS 2 SW	8.02	.06	.02					.02	.78	.77			.50	.81			.85	.38		.13	.82	T					1.85	1.12	T						
EMMITSBURG 2 SE	7.07	.20	.10					.12	.35	.70			.30	1.82			.60	.88		.20	.80	T					1.00								
FREDRICK POLICE BRKS	5.83	.01					.08	.03	.35	1.34			.48	.30			.50	.15		.70							1.10	.62							
FREDRICK 3 E	4.77	T						.18	2.10				.30	T	T		.02	.80		.90	.02							.75							
PARKTON 2 SW	8.25	.08					T	.14	.57	.87			.80	.25	T		.02	1.50	T	.17	.85						1.97	.83	T						
ROCKMAD FILTER PLANT	7.08	.05					T	.77	1.03				1.10	T			1.40			.52	.58						1.16	.35							
ROCKVILLE 3 NE	7.78	.03	.02					.01	.60	.83			.44	1.06			.32	.86		.74							1.27	1.29						.18	
TOWSON	8.35	.02						.50	1.30				.03	1.50			*	1.17		.80							1.70	1.30							
UNIONVILLE	7.24	.03	.01					.03	.83	.80			.22	.81			.33	1.09		.92							1.58	.69							
WESTMINSTER 2 SSE	5.75	.05	.07					.33	.60				.05	1.08			.12	1.20		.32	.58						1.68	1.74							
WOBOSTOCK	7.63	.05						.55	.95				.20	.98			.46	.73		1.10							1.42	1.18							
* * * APPALACHIAN MOUNTAIN 07																																			
CUMBERLAND 2	5.15	.10	T	T	T	T	T	T	.48		T		.15	.83	T	T	.10	.73		1.10	.25						.36	1.25	T	T					
EDGEPOINT	7.73	.09						.03	.06	1.76			.18	1.04	.05		.14	.86		.86	.30							.83	1.60						
FROSTBURG 2	5.81	.45	.05	.01	.09			.02	.02	1.14	.27	.06	.20	.48	.05		.18																		

DAILY PRECIPITATION

MARYLAND AND DELAWARE
JANUARY 1976

STATION	TOTAL	DAY OF MONTH																															
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
DELAWARE																																	
* * * NORTHERN 01																																	
MIDDLETOWN 1 USW	6.07	.06	T																														
NEHARK UNIVERSITY FARM	7.81	T	.03																														
WILMINGTON USO AP	8.41	.08																															
WILMINGTON PORTER RESVR	8.14	.22																															
* * * SOUTHERN 02																																	
BRIDGEVILLE 1 NW	7.35		.02																														
DOVER	7.22		.02																														
GEORGETOWN 5 SW	6.99		.03																														
LEWES 1 SW	6.95		.03																														
MILFORD 2 USW	7.41		.06																														

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES

MARYLAND AND DELAWARE
JANUARY
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	45 35	40 31	40 20	35 16	46 25	46 29	47 39	52 39	57 21	26 12	30 12	36 17	41 28	52 31	37 21	35 18	45 23	55 31	35 20	49 24	42 28	43 23	39 19	40 18	53 30	58 40	43 25	37 18	31 17	34 17	34 15	42.0 23.9
CRISFIELD SOMERS COVE	MAX MIN	41 33	41 27	33 20	43 30	52 30	48 39	55 40	58 27	14 17	19 19	38 30	42 33	35 25	33 22	53 29	46 26	46 30	38 30	47 27	35 25	42 22	56 32	58 38	27 27	39 23	31 23	32 23	31 21	43.0 27.0			
POCOMOKE CITY	MAX MIN	42 31	40 29	36 24	35 17	46 28	51 31	48 42	60 40	60 23	27 13	30 15	38 15	39 30	43 33	36 25	34 18	48 29	54 31	36 25	48 25	41 29	36 25	40 21	47 19	62 29	61 36	40 26	37 23	33 20	35 20	34 17	42.5 25.4
PRINCESS ANNE	MAX MIN	41 32	40 26	35 22	35 18	45 26	51 29	48 42	60 45	63 22	25 13	29 15	38 15	37 30	42 33	34 25	35 18	45 29	56 31	45 25	45 32	38 28	33 25	37 20	46 18	62 30	64 33	38 27	37 19	31 20	33 20	32 17	42.0 25.3
SALISBURY	MAX MIN	42 29	44 31	41 22	36 16	48 25	50 32	47 40	57 42	62 21	25 13	30 14	39 12	35 27	41 32	35 22	44 19	65 28	35 24	45 29	39 28	35 25	39 20	47 18	62 28	65 35	56 25	40 19	35 19	34 19	29 17	42.8 24.6	
SALISBURY FAR AP	MAX MIN	41 34	41 26	33 19	36 13	47 28	52 35	48 44	65 45	65 16	26 13	29 17	37 8	43 30	41 32	35 26	56 31	54 31	37 28	47 32	38 29	38 28	46 22	63 34	65 28	58 26	30 21	31 23	32 20	31 14	42.3 25.7		
SNOW HILL 4 N	MAX MIN	40 31	38 32	35 21	36 13	45 24	48 29	47 40	57 40	61 26	25 12	29 10	37 11	38 29	43 12	41 10	32 22	56 19	54 28	37 24	48 29	40 29	35 24	38 19	44 18	59 28	60 43	43 27	36 19	30 18	32 19	31 15	41.3 24.6
CENTRAL EASTERN SHORE 02																																	
CAMBRIDGE WTR TRMT PL	MAX MIN	44 32	38 32	36 23	34 22	34 24	44 31	46 36	47 39	60 33	34 12	24 14	29 10	33 20	37 30	35 24	30 23	30 25	52 26	39 26	38 26	39 32	36 27	31 24	35 20	42 27	63 37	50 26	37 24	29 22	30 22	32 14	38.3 25.7
DENTON 1 S	MAX MIN	40 26	37 31	34 22	36 13	45 21	50 31	45 38	55 41	63 21	23 12	29 13	35 13	35 27	32 32	35 23	34 17	36 27	50 31	34 24	38 28	37 28	34 27	38 15	45 16	60 30	65 28	35 30	31 20	34 20	33 14	39.6 23.8	
ROYAL OAK	MAX MIN	40 29	38 29	34 23	34 16	44 26	48 32	45 37	52 42	61 21	24 14	29 17	34 17	33 27	35 32	33 24	32 22	47 27	49 32	36 25	38 28	36 29	33 25	37 17	46 19	56 30	60 35	35 22	30 21	32 16	30 16	38.6 25.2	
VIENNA	MAX MIN	42 30	39 33	35 23	35 17	43 28	51 33	47 40	59 44	59 18	27 12	29 12	36 16	36 15	41 34	35 24	34 21	41 29	54 31	35 25	41 30	37 27	33 26	37 20	45 22	60 33	65 35	37 26	35 22	34 21	32 21	30 18	40.8 25.4
LOWER SOUTHERN 03																																	
LA PLATA 1 W	MAX MIN	43 30	42 32	36 16	37 11	49 21	48 32	42 39	54 34	60 19	27 10	33 14	40 10	33 28	36 32	33 23	36 9	36 29	40 30	33 24	34 25	36 20	34 15	41 7	44 12	48 32	58 28	36 22	30 15	30 13	33 18	32 13	39.2 21.4
MECHANICVILLE 1 SE	MAX MIN	43 31	39 32	37 18	35 12	48 24	46 32	43 38	49 39	60 22	25 10	29 13	35 10	34 27	35 31	33 23	34 27	33 31	38 29	35 23	35 26	35 20	35 18	38 12	43 15	53 30	59 32	37 23	34 28	30 20	30 12	33 12	38.5 22.8
OWINGS FERRY LANDING	MAX MIN	38 25	39 20	34 19	38 20	45 22	45 30	50 33	50 35	60 16	25 6	35 10	37 13	33 22	35 25	31 16	33 10	31 25	40 25	29 15	32 15	31 17	32 12	39 14	45 14	40 27	59 30	35 24	30 15	31 14	32 11	31 11	37.6 19.5
PATUXENT RIVER	MAX MIN	40 32	40 27	35 24	36 19	49 29	44 34	46 37	57 46	62 17	22 11	27 13	31 12	35 29	37 28	33 23	53 17	41 30	33 25	37 27	36 23	32 22	36 21	40 20	56 31	61 25	41 24	33 21	33 21	33 21	33 22	39.4 24.5	
SOLOMONS	MAX MIN	34 30	36 26	30 22	31 19	40 28	43 38	41 38	54 38	62 15	25 15	27 18	30 21	32 29	30 26	30 21	47 30	39 31	31 27	37 29	35 26	36 26	32 25	37 23	35 24	54 30	53 26	38 26	28 22	27 22	30 22	28 21	36.5 25.7
UPPER SOUTHERN 04																																	
ANNAPOLIS POLICE BRKS	MAX MIN	42 23	38 27	37 18	48 15	41 20	45 30	42 35	48 35	55 17	23 8	29 9	35 12	45 23	46 23	34 18	38 14	32 21	40 27	35 20	32 22	35 22	35 18	34 10	39 10	44 28	57 14	38 14	28 14	29 14	33 15	32 10	38.4 19.4
BALTIMORE WSD AP	MAX MIN	35 29	37 24	32 16	37 11	46 23	45 35	42 40	57 41	57 12	20 12	28 16	36 16	35 27	35 28	29 15	38 26	37 24	29 22	35 27	33 28	33 27	36 18	42 8	41 9	57 34	30 26	27 20	29 18	33 19	32 12	36.5 21.9	
BELTSVILLE	MAX MIN	48 20	38 29	38 21	32 10	43 11	45 34	46 35	44 38	61 16	29 11	30 13	38 11	38 26	35 16	34 10	32 16	37 26	37 19	38 16	33 27	33 19	33 14	39 24	35 19	44 8	57 34	46 23	31 18	26 19	29 13	32 11	38.0 19.8
BELTSVILLE PLANT STA S	MAX MIN	47 26	37 27	36 21	31 11	34 20	44 26	45 37	53 38	59 28	28 12	29 13	35 15	29 25	33 19	33 17	31 25	34 27	33 27	29 17	31 23	33 27	33 12	33 4	39 7	43 17	55 34	44 23	30 18	25 18	27 18	32 12	36.0 20.8
COLLEGE PARK	MAX MIN	46 27	38 28	38 20	32 12	36 20	45 28	46 38	45 38	60 28	28 10	21 12	29 17	39 23	34 27	35 21	30 18	33 25	36 28	39 22	32 25	35 27	34 15	40 7	45 18	56 35	45 24	32 18	27 19	29 19	32 12	37.2 21.6	
DALECARLIA RESVR D C	MAX MIN	45 25	38 28	34 24	35 11	47 11	46 33	44 37	48 38	48 16	22 9	31 9	39 15	36 16	35 24	33 26	32 12	33 26	38 23	36 21	35 21	35 22	34 13	40 8	44 3	42 35	58 29	42 28	38 24	35 26	31 27	39 27	38.5 22.2
GLENN DALE BELL STA	MAX MIN	45 24	38 22	35 17	36 9	47 18	45 33	43 38	59 38	59 20	21 11	30 12	38 11	35 24	35 30	31 20	34 24	38 29	36 24	35 29	34 18	35 25	34 13	40 6	45 3	53 32	56 18	35 23	29 17	29 18	32 18	32 9	38.1 20.4
LAUREL 3 W	MAX MIN	34 27	36 24	32 19	34 15	44 26	44 34	41 37	59 39	56 10	20 10	27 14	38 19	33 25	33 20	29 15	35 23	37 25	28 21	35 25	37 25	28 21	34 25	28 14	44 15	55 22	29 21	25 15	27 16	26 13	25 13	35.0 20.6	
NATIONAL ARBORETUM D C	MAX MIN	48 29	39 26	38 16	33 13	36 18	48 29	42 31	45 39	62 30	31 10	21 11	31 15	39 21	34 25	35 21	32 17	36 19	36 28	39 24	33 24	36 28	35 19	34 13	45 12	58 35	48 25	33 16	27 16	29 16	32 14	37.8 20.9	
UPPER MARLBORO 3 NNW	MAX MIN	46 24	37 29	38 18	33 11	36 12	47 20	46 32	43 37	60 31	31 10	22 11	30 11	38 17	34 27	35 21	31 11	33 12	37 28	38 22	33 23	34 24	35 20	33 7	39 8	44 10	56 33	46 23	34 17	27 17	29 19	31 11	37.3 19.2
NORTHERN EASTERN SHORE 05																																	
CENTREVILLE	MAX MIN	35 23	37 28	32 20	34 11	42 19	46 29	43 35	56 39	56 19	19 9	28 12	34 11	33 23	33 28	31 16	36 12	47 23	35 16	38 23	34 26	44 26	32 13	35 8	44 15	57 32	65 24	34 14	28 20	29 20	32 16	31 16	37.6 21.9
CHESTERTOWN	MAX MIN	33 27	36 26	30 21	33 14	45 23	46 31	42 37	64 40	64 12	19 11	27 14	35 16	34 24	34 27	29 20	43 17	42 23	30 21	36 25	34 25	42 25	33 23	43 14	48 14	63 32	58 25	29 22	27 19	28 19	32 20	31 16	37.2 22.1

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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			
MARYLAND																																		
MILLINGTON	MAX MIN	37 26	36 27	31 20	35 13	45 21	45 31	42 36	54 39	63 19	19 10	28 13	34 12	33 25	35 29	31 20	29 14	33 20	45 28	45 21	37 24	31 25	32 21	34 11	41 11	55 26	64 31	32 23	29 20	29 18	33 19	31 13	37.7 21.5	
• • •																																		
NORTHERN CENTRAL 06																																		
ABERDEEN PHILLIPS FLD	MAX MIN	44 31	36 30	33 17	32 11	42 20	45 33	43 40	47 39	61 20	20 8	27 9	36 14	33 24	35 32	32 14	30 24	31 24	38 31	36 20	35 27	34 25	32 24	36 11	39 7	43 30	55 38	38 20	28 23	27 22	32 20	32 10	36.5 22.5	
BALTIMORE WSO C1	MAX MIN	36 32	39 30	34 24	38 22	47 30	47 38	44 40	60 42	58 15	22 14	31 18	39 22	36 27	37 30	33 23	31 20	41 26	40 32	32 26	36 26	35 29	36 26	40 22	44 24	47 36	61 26	29 24	28 22	31 22	36 20	32 20	38.7 26.1	
BENSON POLICE BARRACKS	MAX MIN	46 25	36 27	33 16	35 10	46 19	49 32	43 36	46 38	57 18	20 8	28 12	37 13	34 24	34 28	30 17	31 10	38 20	36 19	33 23	32 20	35 22	38 2	39 7	35 29	58 35	36 29	25 16	28 17	34 18	32 10	36.7 20.0		
BOYDS 2 NW	MAX MIN	41 25	29 18	34 10	36 23	43 23	44 33	46 35	47 34	50 14	17 7	27 9	35 15	32 24	35 26	28 11	25 13	31 21	34 25	25 18	31 22	30 25	30 25	33 15	44 15	38 29	55 17	28 11	23 8	23 15	28 12	26 9	34.0 19.6	
CATOCTIN MOUNTAIN PARK	MAX MIN	39 22	32 26	24 14	29 10	41 21	40 32	43 33	43 8	9 0	19 5	29 11	34 20	31 12	24 25	31 16	20 12	25 19	34 14	28 14	24 20	31 15	24 12	24 15	29 11	31 29	49 24	26 11	15 8	20 10	29 12	26 9	29.6 15.8	
CLARKSVILLE 3 NNE	MAX MIN	38 20	36 26	33 18	33 5	44 17	43 32	42 36	48 37	59 17	17 8	28 11	36 12	32 25	33 28	30 17	28 4	31 22	35 28	32 13	32 23	31 24	31 8	35 -4	40 -1	38 31	54 29	23 16	25 14	29 16	28 5	34.6 18.0		
CONOWINGO DAM	MAX MIN	44 26	37 21	29 15	32 10	49 19	44 32	40 35	59 60	60 38	27 9	31 15	33 24	34 24	26 16	28 11	39 24	39 26	28 11	39 25	26 17	39 25	26 17	31 15	26 6	31 4	23 19	23 18	27 17	27 12	27 12	34.6 18.8		
DAMASCUS 2 SW	MAX MIN	36 22	35 24	27 16	32 12	43 24	41 33	39 36	58 58	58 14	25 4	34 9	30 23	32 25	25 11	24 20	26 25	24 17	33 22	33 23	26 17	30 23	29 23	30 15	32 13	40 19	37 32	55 20	22 14	20 14	23 10	27 16	26 11	32.8 18.8
EMMITSBURG 2 SE	MAX MIN	37 21	37 25	30 18	32 4	37 14	41 30	39 33	44 32	59 14	14 6	27 13	33 21	32 22	29 26	27 12	27 13	35 18	29 23	27 9	35 20	30 20	32 9	32 -9	35 -7	35 21	52 28	32 16	25 14	25 13	29 16	27 2	33.2 15.7	
FREDRICK POLICE BRKS	MAX MIN	44 26	38 22	32 15	32 11	43 22	41 36	41 35	47 36	61 17	18 6	26 11	35 12	33 24	31 28	31 28	28 17	28 21	35 25	33 17	31 12	31 26	30 21	34 17	35 8	51 29	31 18	24 13	25 18	30 13	29 14	34.4 20.4		
PARKTON 2 SW	MAX MIN	31 23	34 21	28 13	32 7	41 20	45 31	38 34	56 37	56 7	16 5	24 10	32 23	33 22	28 13	36 6	35 19	27 20	35 16	36 20	27 16	31 20	33 20	32 15	34 5	40 10	38 31	56 18	23 13	28 13	31 5	29 5	33.9 16.6	
ROCKVILLE 3 NE	MAX MIN	45 22	38 26	36 14	36 7	45 19	45 34	43 36	49 34	59 15	20 8	28 10	37 15	34 18	34 20	30 17	28 12	31 13	36 26	34 18	33 20	32 23	32 13	45 2	40 34	55 34	35 20	30 16	25 17	31 14	29 9	36.5 18.4		
TOWSON	MAX MIN	46 26	36 30	33 19	34 14	44 26	45 34	43 37	55 60	55 17	27 9	26 12	35 17	34 18	33 18	27 15	30 16	37 24	33 16	33 16	31 24	33 21	30 18	30 16	41 21	56 33	38 33	30 16	30 16	30 16	29 13	35.9 20.9		
UNIONVILLE	MAX MIN	38 19	36 25	33 18	33 5	44 18	43 32	39 35	50 38	60 13	16 8	32 11	30 12	32 24	30 27	30 13	28 4	32 20	34 29	30 10	32 23	37 21	32 9	38 -8	36 23	54 28	28 16	24 16	26 6	30 17	28 7	34.2 16.7		
WESTMINSTER 2 SSE	MAX MIN	36 22	34 24	26 15	31 11	43 23	40 33	39 35	47 36	46 12	13 5	24 9	30 22	32 25	25 14	26 13	33 18	33 26	29 18	29 13	31 23	31 23	30 15	34 10	35 14	51 31	24 15	20 13	23 14	22 15	31.6 18.6			
WOODSTOCK	MAX MIN	38 22	36 28	29 18	36 8	43 18	43 32	40 36	47 37	58 14	16 8	26 10	35 15	32 24	29 16	29 18	32 21	35 29	30 17	32 23	31 24	32 15	35 2	42 3	39 32	57 27	28 19	24 15	26 14	30 16	27 5	34.5 19.2		
• • •																																		
APPALACHIAN MOUNTAIN 07																																		
CUMBERLAND 2	MAX MIN	43 25	37 19	29 7	41 7	35 21	40 33	41 35	48 22	46 5	14 5	29 10	38 14	33 26	34 19	29 16	27 17	33 22	34 16	32 17	31 24	31 22	35 -2	41 -2	41 31	23 4	23 13	25 14	30 16	25 7	33.8 15.5			
FROSTBURG 2	MAX MIN	41 23	34 15	22 11	18 7	37 12	40 30	33 30	41 38	22 20	4 -5	13 -5	28 8	28 19	26 9	18 10	23 8	29 14	27 17	20 15	25 16	21 14	26 11	36 11	39 -13	40 28	40 7	13 5	14 6	13 6	18 8	28.6 12.6		
HAGERSTOWN	MAX MIN	38 23	35 24	29 18	34 9	38 21	39 31	38 34	45 35	45 12	15 6	28 10	32 14	31 23	30 24	27 14	25 14	28 19	34 20	31 12	30 21	27 16	29 16	31 5	34 21	34 16	52 21	26 16	24 14	25 14	29 15	32.3 17.9		
HANCOCK FRUIT LAB	MAX MIN	45 19	35 25	32 22	25 4	37 14	34 30	38 32	40 34	47 20	21 7	15 12	26 15	33 19	29 26	31 12	27 11	25 21	26 19	34 8	27 22	31 24	30 12	31 -9	34 -6	34 30	42 32	35 16	23 14	22 17	24 18	28 5	31.0 16.9	
• • •																																		
ALLEGHENY PLATEAU 08																																		
MCHENRY 2 NW	MAX MIN	42 23	34 16	20 9	13 4	32 10	40 30	36 30	37 32	48 7	8 -9	0 -9	8 -1	30 4	24 19	20 8	15 6	20 17	28 6	21 15	23 16	25 13	18 12	22 6	30 10	44 23	40 19	20 2	10 1	10 2	10 3	15 5	24.0 10.6	
ORLAND 1 SE	MAX MIN	35 23	34 13	18 8	35 -7	40 10	40 29	45 29	50 -5	3 -10	12 -4	31 2	27 18	23 16	19 6	22 15	30 17	23 6	26 15	25 17	23 11	26 11	25 -20	34 -14	46 31	45 9	11 1	11 1	12 4	15 3	27.4 8.3			
SAVAGE RIVER DAM	MAX MIN	39 24	37 20	24 14	20 4	36 3	42 21	37 31	40 32	48 14	14 -2	6 -3	16 5	30 11	29 22	28 14	19 11	25 11	32 18	27 18	24 18	29 19	23 17	25 -1	33 0	40 3	41 24	26 8	16 8	14 8	15 10	20 11	27.6 12.7	

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DELAWARE																																	
• • •																																	
NORTHERN 01																																	
MIDDLETOWN 1 WSH	MAX	44	35	31	31	40	44	41	49	62	22	26	31	33	33	30	28	32	44	33	36	34	31	32	38	43	61	38	26	28	32	31	36.1
	MIN	27	29	20	14	22	32	36	37	20	11	14	13	25	30	19	15	23	31	22	25	23	18	13	11	27	19	24	19	19	20	15	21.7
NEWMARK UNIVERSITY FARM	MAX	45	36	33	34	41	45	43	47	61	21	26	32	33	34	31	29	31	39	33	35	34	30	31	40	42	55	38	26	27	31	30	35.9
	MIN	27	27	16	12	19	27	37	37		5	9	14	22	29	16	13	22	31	19	27	20	16	5	5	25	37	20	17	17	18	13	20.1
WILMINGTON WSO RP	MAX	32	36	29	32	41	45	40	55	60	17	26	32	34	34	26	28	40	40	28	35	30	29	31	37	45	58	27	24	27	31	27	34.7
	MIN	25	25	14	6	20	31	37	40	10	9	16	14	25	22	16	14	22	25	20	27	20	14	10	8	32	23	19	17	16	18	13	19.6
WILMINGTON PORTER RESVR	MAX	32	35	27	34	39	45	40	58	57	15	26	32	36	37	26	27	40	40	29	34	34	29	30	38	47	55	29	24	27	31	26	34.9
	MIN	25	22	9	11	22	31	36	39	11	5	14	15	24	21	15	13	20	24	18	20	19	16	12	13	29	22	11	15	14	19	11	18.6
• • •																																	
SOUTHERN 02																																	
BRIDGEVILLE 1 NH	MAX	41	37	31	35	45	49	44	56	63	34	28	35	34	38	32	32	38	53	34	40	36	32	37	44	61	65	38	31	31	32	31	39.9
	MIN	30	30	22	15	24	31	38	41	20	12	14	14	27	32	22	17	26	31	24	29	28	24	18	20	31	36	24	22	20	20	15	24.4
DOVER	MAX	42	33	33	35	45	45	43	52	64	24	34	35	35	35	35	30	33	50	37	40	38	33	35	43	60	65	42	31	30	34	32	39.5
	MIN	30	28	21	17	26	31	38	40	20	11	14	16	26	32	20	17	25	32	23	27	24	23	18	17	30	41	24	20	19	20	17	24.1
GEORGETOWN 5 SW	MAX	40	38	36	31	35	46	49	50	63	36	24	27	36	40	35	30	32	55	39	40	32	36	32	36	45	64	49	35	28	29	32	38.7
	MIN	30	32	21	11	20	30	35	42	36	11	12	11	18	31	23	12	23	32	24	26	22	24	19	16	23	23	24	21	19	20	15	22.8
LEWES 1 SW	MAX	39	35	32	36	44	48	45	61	62	24	29	37	38	35	30	34	54	52	34	43	38	33	34	41	60	63	35	30	31	34	32	40.1
	MIN	31	26	20	18	26	31	39	41	20	12	14	14	28	29	23	16	27	30	25	34	26	23	19	16	31	30	24	20	19	20	17	24.2
MILFORD 2 WSH	MAX	40	38	32	35	45	49	44	56	64	20	27	35	34	38	33	33	36	54	36	40	39	33	36	44	62	65	39	29	30	34	31	39.7
	MIN	29	31	20	14	26	29	39	40	20	11	11	25	27	32	22	17	26	33	24	28	26	22	15	15	30	37	24	20	17	20	18	24.1

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MARYLAND																																	
SOUTHERN EASTERN SHORE 01																																	
ASSATEAGUE STATE PARK																																	
POCOMOKE CITY																																	
PRINCESS ANNE																																	
SALISBURY FAA AP																																	
SNOW HILL 4 N																																	
CENTRAL EASTERN SHORE 02																																	
CAMBRIDGE WTR TRMT PL																																	
DENTON 1 S																																	
ROYAL OAK																																	
VIENNA																																	
LOWER SOUTHERN 03																																	
LA PLATA 1 W																																	
DWINGS FERRY LANDING																																	
UPPER SOUTHERN 04																																	
ANNAPOLIS POLICE BRKS																																	
BALTIMORE WSD AP																																	
BELTSVILLE																																	
COLLEGE PARK																																	
GLENN DALE BELL STA																																	
NATIONAL ARBORETUM D C																																	
UPPER MARLBORO 3 NNW																																	
NORTHERN EASTERN SHORE 05																																	
CENTREVILLE																																	
CHESTERTOWN																																	
MILLINGTON																																	
NORTHERN CENTRAL 06																																	
ABERDEEN PHILLIPS FLD																																	
CATOCTIN MOUNTAIN PARK																																	
CONDWINGO DAM																																	
DAMASCUS 2 SW																																	
EMMITSBURG 2 SE																																	
FREDRICK POLICE BRKS																																	
PARKTON 2 SW																																	
ROCKVILLE 3 NE																																	
UNIONVILLE																																	
WESTMINSTER 2 SSE																																	

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SNOWFALL AND SNOW ON GROUND

MARYLAND AND DELAWARE
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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	
WOODSTOCK	SNOWFALL SN ON GND	.5 1	1						1.0 1				3.0 2	.5 3	2		3.0 3	3	3	5.0 5	5	5	5	5	4	4	2	2	2	2	2	
APPALACHIAN MOUNTAIN 07																																
CUMBERLAND 2	SNOWFALL SN ON GND		2.0 2	2	1								1.0 1	9.0 10	9	8	2.0 10	7.0 15	14	9.0 22	3.0 24	23	22	20	18	16	14	14	14	14	14	
FROSTBURG 2	SNOWFALL SN ON GND	6.0 6	1.0 6	.1 6	1.0 4	-1.0 4	-1.0 3	2.5 2	2.0 4	1.0 6	T 7	T 5	3.0 6	8.0 13	1.0 14	2.0 15	3.0 17	1.0 26	1.5 27	1.0 38	5.0 41	3.0 43	T 40	3 37	T 34	.5 30	2.0 29	1.0 30	1.0 31	T 32	T 31	
HANCOCK FRUIT LAB	SNOWFALL SN ON GND	1.0 1	T 1	T 1	T 1	T 1			.5 T				1.8 2	7.0 8	7	7	1.8 9	6.5 13	10.5 13	.8 19			19	19	19	T 17	16	13	13	13	13	
ALLEGHENY PLATEAU 08																																
MCHENRY 2 NW	SNOWFALL SN ON GND	5.0 1	.5 5	T 5	T 5	2.0 4	2.0 5	3	5.0 2	1.0 5	.5 6	.5 6	1.0 5	5.0 10	2.0 12	T 10	2.0 11	9.0 18	T 16	10.0 23	5.0 29	1.0 29		26	22	15	T 13	2.0 14	1.0 15	1.0 16	1.5 17	T 17
OAKLAND 1 SE	SNOWFALL SN ON GND	.5 T	2.0 2	.3 2	1	T 1	2.0 T	T	5.0 3	1.0 3	T 3	T 2	1	2.0 3	6.0 8	.4 7	T 6	7.0 11	2.0 12	4.0 14	10.0 14	3.0 21	.5 21	19	16	13	2.0 13	2.0 14	1.0 15	1.0 15	.5 13	.5 12

SEE REFERENCE NOTES FOLLOWING STATION INDEX

SNOWFALL AND SNOW ON GROUND

MARYLAND AND DELAWARE
JANUARY 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																																	
MIDDLETOWN 1 WSW	SNOWFALL SN ON GND	1.0 1	T	T						1.0			3.5 3	-			4.0 3			6.0 4		2											
NEWARK UNIVERSITY FARM	SNOWFALL SN ON GND	T	T	T	T			.5 1		T	T		2.5 3	1.0 1			4.0 4	1.0 1	1.0 1	6.0 7	T	6	6	5	4	1	1	1	T	T	T	T	
WILMINGTON WSO AP	SNOWFALL SN ON GND MTR EQUIV	.9	1	T	T	T			.8		1	T	T	3.9 3	2	2	1	2.9 2	3.2 2	4.3 1	T	7	7	6	5	4	T	T	T	T	T	T	
WILMINGTON PORTER RESVR	SNOWFALL SN ON GND								T	T							4.0 2		1	7.0 7		7	7	6	T								
SOUTHERN 02																																	
BRIDGEVILLE 1 NW	SNOWFALL SN ON GND		T						.5 1		T	T	T	2.0 1			1.0			2.0													T
DOVER	SNOWFALL SN ON GND		T					.5 1						2.5 1	T		2.7 2			2.5 1													
GEORGETOWN 5 SW	SNOWFALL SN ON GND													1.0 1						2.0 -													
LEMES 1 SW	SNOWFALL SN ON GND							.7 1		T	T			.5			T			1.5 2													
MILFORD 2 WSW	SNOWFALL SN ON GND	T	T						T	T	T		1.0 T				1.0 T			3.0 T													

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

MARYLAND AND DELAWARE
JANUARY 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			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	US 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	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	UNIVERSITY OF MARYLAND
CONOWINGO DAM	2060	06	HARFORD	6	39 39	76 10	40	MID	MID			H	SUSQUEHANNA ELETRIC CO.
CRISFIELD SOMERS COVE	2215	01	SOMERSET	1	37 59	75 52	8	5P	5P				SOMERS COVE MARINA
CUMBERLAND 2	2282	07	ALLEGANY	5	39 38	78 45	700	6P	7A			H	TIMOTHY B THOMAS
CUMBERLAND POLICE BRKS	2285	07	ALLEGANY	5	39 38	78 50	970	5P	5P				CLOSED 10/1/77
DAMASCUS 2 SW	2335	06	MONTGOMERY	5	39 16	77 14	720	7P	7P			H	RICHARD W SCHWERDT
DENTON 1 S	2523	02	CAROLINE	1	38 53	75 50	20	6P	6P			H	EMORY DOBSON
EASTON POLICE BARRACKS	2700	02	TALBOT	1	38 45	76 04	40	5P	5P				CLOSED 10/1/77
EDGEMONT	2770	07	WASHINGTON	5	39 40	77 33	905		7A				JOHN W HARNE
EMMITSBURG 2 SE	2906	06	FREDERICK	5	39 41	77 18	416	5P	5P			H	MRS. LUCILLE K. BEALE
FEDERALSBURG	3090	02	CAROLINE	1	38 41	75 46	20					C	SEWAGE TREATMENT PLANT
FREDRICK POLICE BRKS	3348	06	FREDRICK	5	39 25	77 26	380	5P	5P			H	MARYLAND STATE POLICE
FREDERICK 3 E	3355	06	FREDERICK	5	39 24	77 22	385		7A				MISS I. MARY STALEY
FROSTBURG 2	3415	07	ALLEGANY	5	39 40	78 56	2170	7A	7A			H	LEE K CLOSE
GLENN DALE BELL STA	3675	04	PRN GEORGES	4	38 58	76 48	150	4P	4P			H	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	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	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
DWINGS 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	JOHN R. FOX
PATUXENT RIVER	6915	03	ST MARY'S	4	38 20	76 25	38	MID	MID			C	NAVAL WEATHER SERVICE
PERRY POINT	6980	06	CECIL	1	39 33	76 04	40					C	VETERANS ADMINISTRATION
POCOMOKE CITY	7140	01	WORCESTER	1	38 04	75 33	20	5P	5P			H	ROBERT R WESTFALL
POTOMAC FILTER PLANT	7272	06	MONTGOMERY	5	39 02	77 15	270		MID				WASH. SANITARY COMM.
PRINCESS ANNE	7330	01	SOMERSET	1	38 13	75 41	20	5P	5P			H	MARYLAND ST COLLEGE FRM
ROCKVILLE 3 NE	7705	06	MONTGOMERY	5	39 07	77 06	400	4P	4P			H	MD NATL CAPITAL PARK
ROYAL OAK	7806	02	TALBOT	1	38 43	76 11	10	6P	6P			H	J. L. SWAINE, JR.
SALISBURY	8000	01	WICOMICO	1	38 22	75 35	10	5P	5P				CITY OF SALISBURY
SALISBURY FAA AP	8005	01	WICOMICO	1	38 20	75 31	48	MID	MID			H	FLIGHT SERVICE STATION
SAVAGE RIVER DAM	8065	08	GARRETT	5	39 31	79 08	1495	8A	8A	8A		H	U S CORPS OF ENGINEERS
SINES DEEP CREEK	8315	08	GARRETT	7	39 32	79 25	2040					C	PA. ELECTRIC CO.
SNOW HILL 4 N	8380	01	WORCESTER	1	38 14	75 23	28	6P	6P			H	CURTIS E. SHOCKLEY
SOLOMONS	8405	03	CALVERT	1	38 19	76 27	12	4P	4P				CHESAPEAKE BIOL. LAB.
TOWSON	8877	06	BALTIMORE	3	39 23	76 34	390	6P	6P				BENDIX FRIEZ
UNIONVILLE	9030	06	FREDERICK	5	39 27	77 11	430	6P	6P			C	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
WALDORF POLICE BRKS	9195	03	CHARLES	5	38 39	76 53	210	5P	5P			H	CLOSED 10/1/77
WESTMINSTER 2 SSE	9435	06	CARROLL	1	39 33	76 59	860	7P	7A			H	LARRY A MYERS
WHEATON REGIONAL PARK	9502	06	MONTGOMERY	5	39 04	77 02	330	5P	5P				CLOSED 12/31/77
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
JANUARY 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				CORPS OF ENGINEERS U.S. NAT. ARBORETUM CLOSED 12/31/77
NATIONAL ARBORETUM D C	6350	04		5	38 54	76 58	50	8A	8A			H	
U. S. SOLDIERS HOME DC	9035	04		5	38 56	77 01	230	6P	6P				
DELAWARE													
BRIDGEVILLE 1 NW	1330	02	SUSSEX	1	38 45	75 37	50	5P	5P			H	WILLIAM M RAY STATE HIGHWAY DEPT 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	8A		H	
LEWES 1 SW	5320	02	SUSSEX	2	38 46	75 09	20	6P	MID			H	
MIDDLETOWN 1 WSW	5852	01	NEW CASTLE	2	39 26	75 45	60	4P	4P			H	
MILFORD 2 WSW	5915	02	SUSSEX	2	38 54	75 28	30	5P	5P			H	
NEWARK UNIVERSITY FARM	6410	01	NEW CASTLE	2	39 40	75 44	90	5P	5P	5P		H	
WILMINGTON WSO AP	9595	01	NEW CASTLE	2	39 40	75 36	79	MID	MID			C HJ	
WILMGTN PORTER RESVR	9605	01	NEW CASTLE	2	39 46	75 32	274	MID	MID			H	
CLOSED STATIONS MARYLAND													
CUMBERLAND POLICE BRKS	2285	07	ALLEGANY	5	39 38	78 50	970	5P	5P				CLOSED 10/1/77 CLOSED 10/1/77 CLOSED 10/1/77 CLOSED 12/31/77 CLOSED 12/31/77
EASTON POLICE BARRACKS	2700	02	TALBOT	1	38 45	76 04	40	5P	5P				
WALDORF POLICE BRKS	9195	03	CHARLES	5	38 39	76 53	210	5P	5P			H	
WHEATON REGIONAL PARK	9502	06	MONTGOMERY	5	39 04	77 02	330	5P	5P				
U. S. SOLDIERS HOME DC	9035	04		5	38 56	77 01	230	6P	6P				

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:

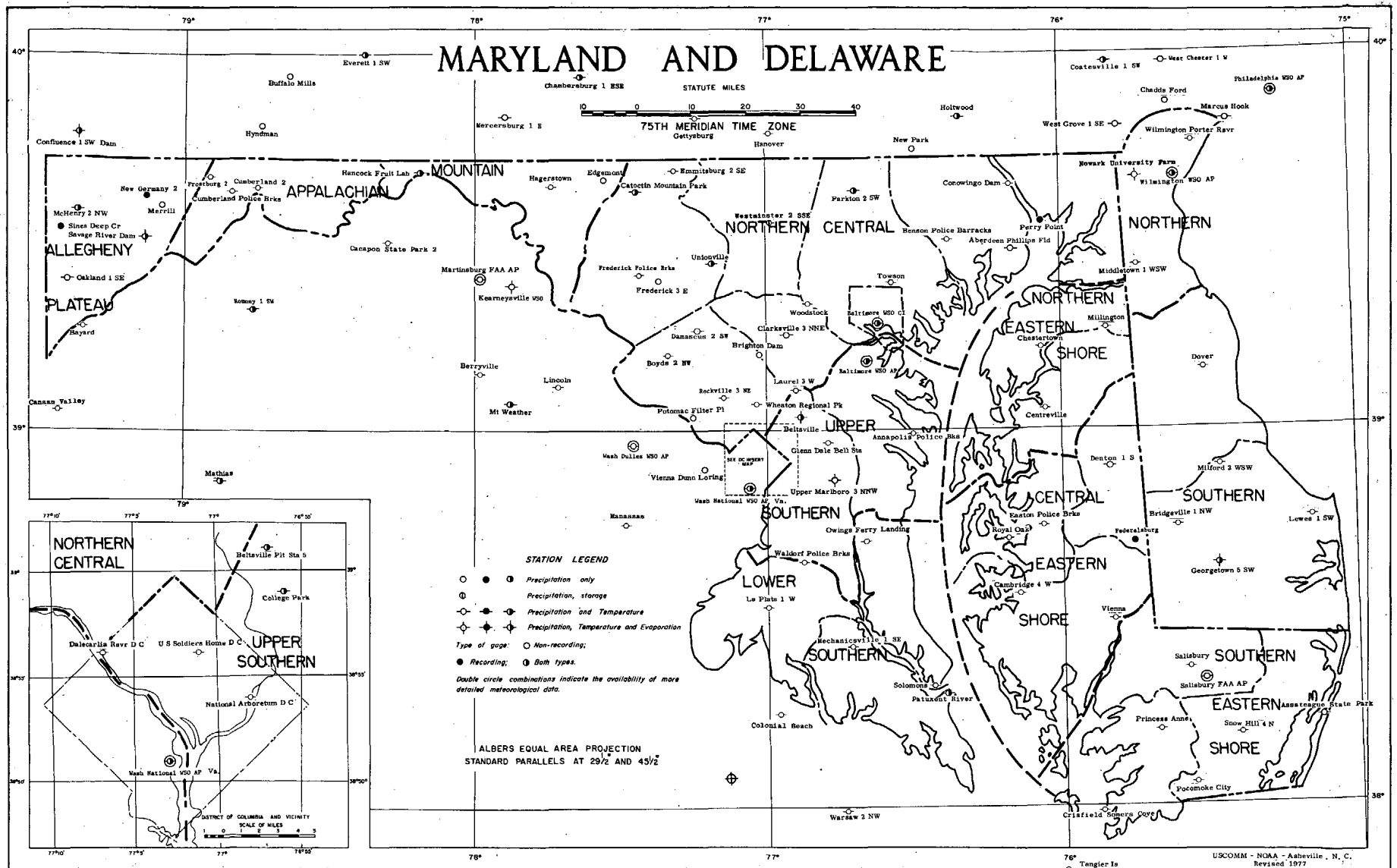
- AR This entry in time of observation column in Station Index means after rain.
- C Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in the "Hourly Precipitation Data" bulletin. If daily amounts are published in "Climatological Data"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

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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