

CLIMATOLOGICAL DATA

MARYLAND AND DELAWARE

MAY 1983

VOLUME 87 NUMBER 5



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TEMPERATURE AND PRECIPITATION EXTREMES

MARYLAND AND
DELAWARE
MAY 1983

MARYLAND
HIGHEST TEMPERATURE 89
LOWEST TEMPERATURE 25
GREATEST TOTAL PRECIPITATION 7.83
LEAST TOTAL PRECIPITATION 3.91
GREATEST 1 DAY PRECIPITATION 2.17

DELAWARE
HIGHEST TEMPERATURE 89
LOWEST TEMPERATURE 34
GREATEST TOTAL PRECIPITATION 7.93
LEAST TOTAL PRECIPITATION 3.52
GREATEST 1 DAY PRECIPITATION 2.19

MAY 15
MAY 10

MAY 16

MAY 15
MAY 10

MAY 16

PATUXENT RIVER
OAKLAND 1 SE
BENSON POLICE BARRACKS
SALISBURY
POTOMAC FILTER PLANT

2 STATIONS
2 STATIONS
WILMINGTON PORTER RESVR
BRIDGEVILLE 1 NW
DOVER

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

MARYLAND AND
DELAWARE
MAY 1983

STATION	TEMPERATURE (°F)													PRECIPITATION (IN)							
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	HEATING DEGREE DAYS	COOLING DEGREE DAYS	NO. OF DAYS				TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	SNOW SLEET		
											90 OR ABOVE	32 OR BELOW	32 OR BELOW	0 OR BELOW					TOTAL	MAX. DEPTH ON GROUND	DATE
MARYLAND																					
SOUTHERN EASTERN SHORE 01																					
ASSATEAGUE STATE PARK	68.1	51.7	59.9		78 23	40 17		16 0	6 7	0 0	0 0	0 0	5.44		1						
PRINCESS ANNE	74.5	49.8	62.2	-1.6	86 19	31 12		14 0	6 2	0 0	0 0	1 0	4.27								
SALISBURY	74.9	52.9	63.6	-1.2	85 16+	40 12+		10 0	6 9	0 0	0 0	0 0	3.91								
SALISBURY FAA AP	72.2	50.9	61.6	-1.5	85 15	37 12		15 0	5 3	0 0	0 0	0 0	6.07	2.69	1						
SNOW HILL 4 N	74.4	51.3	62.9	-1.6	87 15	35 10		12 5	6 4	0 0	0 0	0 0	5.80	2.37							
--DIVISIONAL DATA-->			62.0	-1.8									5.10	1.79							
CENTRAL EASTERN SHORE 02																					
CAMBRIDGE WTR TRMT PL	74.8	52.7	63.8	-1.4	88 16+	40 11		9 4	6 3	0 0	0 0	0 0	6.47	2.87	2						
DENTON 2 E	74.6	50.7	62.7	-1.6	88 15	32 10		13 1	6 4	0 0	0 1	0 0	7.41	3.91	2						
ROYAL OAK 2 SSW	72.9	54.9	63.9	-1.3	88 15	42 12		9 9	7 1	0 0	0 0	0 0	6.08	2.45	1						
VIENNA	74.5	53.5	64.0	-1.8	85 16	39 17		9 4	7 0	0 0	0 0	0 0	4.23	1.21							
--DIVISIONAL DATA-->			63.6	-1.0									6.05	2.62							
LOWER SOUTHERN 03																					
LA PLATA 1 W	M	M	M																		
MECHANICSVILLE 1 SE	74.4	52.1	63.3		85 15	38 17		9 4	4 7	0 0	0 0	0 0	5.54		1	27	16				
OWINGS FERRY LANDING	M	M	M																		
PATUXENT RIVER	73.9	54.2	64.1		89 15	40 10		10 2	8 0	0 0	0 0	0 0	5.18		1	27	16				
SOLOMONS	M	M	M																		
--DIVISIONAL DATA-->			63.7	-1.9									4.36	.98							
UPPER SOUTHERN 04																					
ANNAPOLIS POLICE BRKS	73.7	53.0	63.4		88 15	40 10		10 6	6 3	0 0	0 0	0 0	5.69		1	37	16				
BALTIMORE WSO AP	R 72.8	50.2	61.5	-1.9	86 23	33 10		15 2	5 1	0 0	0 0	0 0	5.47	2.03	1	75	16				
BELTSVILLE	72.8	49.7	61.3	-1.5	84 16	35 17+		16 1	5 3	0 0	0 0	0 0	5.22	1.41	1	44	16				
COLLEGE PARK	74.0	51.8	62.9	-1.8	85 16	37 17		13 3	7 2	0 0	0 0	0 0	4.78	.93	1	50	17				
DALECARLIA RESVR D C	75.5	51.5	63.5	-1.5	84 15	36 17		11 6	7 6	0 0	0 0	0 0	4.92	1.15	1	61	16				
GLENN DALE BELL STN	74.9	47.5	61.2	-2.2	87 15	32 17+		17 3	6 4	0 0	2 0	0 0	5.77	1.83	1	50	16				
LAUREL 3 W	74.5	51.4	63.0	-1.4	83 23+	38 17+		11 2	5 5	0 0	0 0	0 0	7.03	2.97	1	77	16				
NATIONAL ARBORETUM D C	74.0	52.2	63.1	-2.1	86 16	39 17+		11 3	6 4	0 0	0 0	0 0	4.80	.87	1	54	17				
UPPER MARLBORO 3 NNW	73.5	49.7	61.6		88 16	35 17+		15 8	6 0	0 0	0 0	0 0	6.28	2.68	1	57	17				
--DIVISIONAL DATA-->			62.4	-1.3									5.55	1.80							
NORTHERN EASTERN SHORE 05																					
CENTREVILLE	74.7	51.2	63.0		87 15	39 17+		11 6	6 2	0 0	0 0	0 0	7.50		2	00	21				
CHESTERTOWN	73.2	51.9	62.6	-1.1	86 15	39 10		12 6	5 7	0 0	0 0	0 0	6.20	2.58	2	00	16				
MILLINGTON 2 NNW	M	M	M																		
--DIVISIONAL DATA-->			62.8	-1.7									6.85	3.40							
NORTHERN CENTRAL 06																					
ABERDEEN PHILLIPS FLD	72.6	50.7	61.7		81 24+	35 10		14 2	5 0	0 0	0 0	0 0	4.80		1	65	23				
BALTIMORE WSO CI	R 73.6	55.5	64.6	-1.7	85 15	40 17		8 3	7 6	0 0	0 0	0 0	5.53	1.90	1	20	22				
BENSON POLICE BARRACKS	73.5	48.7	61.1	-1.3	81 24+	34 17+		14 9	3 8	0 0	0 0	0 0	7.83	3.78	1	79	16				
BOYDS 2 NW	72.4	49.8	61.1		81 23	33 10		15 4	4 1	0 0	0 0	0 0	5.58		1	74	16				
CATOCTIN MOUNTAIN PARK	70.1	48.5	59.3		78 24+	32 10		18 9	1 8	0 0	1 0	0 0	5.61		1	07	16				
CLARKSVILLE 3 NNE	74.4	47.4	60.9		84 15	29 10		17 1	5 3	0 0	2 0	0 0	5.93		1	60	16				
CONOWINGO DAM	72.3	49.7	61.0	-1.0	84 1	37 10		15 1	3 3	0 0	0 0	0 0	6.50	2.77	1	78	16				

SEE REFERENCE NOTES FOLLOWING STATION INDEX

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

MARYLAND AND
DELAWARE
MAY 1983

STATION	TEMPERATURE (°F)										PRECIPITATION (IN)														
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST DATE	LOWEST DATE	HEATING DEGREE DAYS	COOLING DEGREE DAYS	NO. OF DAYS				TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY DATE	SNOW, SLEET NO. OF DAYS									
									90 OR ABOVE	32 OR BELOW	MIN					TOTAL	MAX. DEPTH ON GROUND	DATE	.10 OR MORE	.50 OR MORE	1.00 OR MORE				
											MAX	MIN													
DAMASCUS 2 SW	71.0	44.9	60.2		80	23	32	10	176	3	4	0	0	1	0	5.59		1.78	16				10	4	1
EMMITSBURG 2 SE	72.2	48.9	60.1		81	23	33	10	174	3	5	0	0	0	0	5.08		.89	23				11	2	0
FREDRICK POLICE BRKS	73.7	51.0	62.7		82	24	36	11	177	3	5	0	0	0	0	4.38		.97	23				11	2	0
PARKTON 2 SW	69.7	44.0	57.9		79	23	30	10	233	2	1	0	0	0	0	5.83		1.68	16				8	6	2
TOWSON	74.3	44.0	61.5		82	26	34	17	149	4	0	0	0	0	0	7.41	3.40	1.70	16				12	2	2
UNIONVILLE	72.5	44.0	59.2	-1.7	80	24	28	10	209	3	0	0	0	0	0	4.15		1.31	16				10	2	1
NEXTMINSTER POLICE BRK	72.5	44.0	61.2	-.3	81	24	28	10	153	4	0	0	0	0	0	4.92	1.05	1.10	16				12	3	1
WOODSTOCK	74.1	49.0	61.7	-.7	83	23	33	10	152	3	0	0	0	0	0	6.81	3.04	1.59	16				14	5	2
--DIVISIONAL DATA-->			60.9	-1.7												5.73	1.91								
APPALACHIAN MOUNTAIN 07																									
CUMBERLAND 2	74.9	45.9	60.4	-2.4	86	7	32	9	156	1	9	0	0	1	0	4.47	.86	.69	23				11	4	0
FROSTBURG 2	65.4	41.9	53.7		80	8	29	11	343	0	0	0	4	0	0	5.61		.91	23				13	6	0
HAGERSTOWN	72.8	50.5	61.7	-1.4	82	23	33	10	145	4	7	0	0	0	0	4.45	.71	1.30	16				13	2	1
HANCOCK FRUIT LAB	72.5	46.1	59.3	-.9	82	20	29	10	191	2	0	0	0	4	0	5.31	1.90	1.21	16				14	3	1
--DIVISIONAL DATA-->			58.8	-2.8												4.96	1.27								
ALLEGHENY PLATEAU 08																									
MC HENRY 2 NW	65.1	42.8	54.0		83	8	26	10	341	5	0	0	4	0	0	6.45		1.29	16				14	4	1
OAKLAND 1 SE	68.7	42.0	55.4	-.9	81	7	25	10	293	0	0	0	8	0	0	4.89	.45	.90	15				13	3	0
SAVAGE RIVER DAM	67.6	43.0	55.3	-2.5	80	8	29	10	294	1	0	0	4	0	0	5.58	1.91	.81	16				10	7	0
--DIVISIONAL DATA-->			54.9	-1.7												5.64	1.52								
DELAWARE																									
NORTHERN 01																									
MIDDLETOWN 1 WSW	73.2	50.8	62.0		83	15	37	17	136	5	1	0	0	0	0	7.44		1.37	23				11	5	3
NEWARK UNIVERSITY FARM	74.0	49.3	61.7	-1.0	86	2	35	17	147	4	9	0	0	0	0	6.28	2.76						8	4	1
WILMINGTON WSO AP	71.8	50.2	61.0	-1.2	82	23	35	17	163	4	7	0	0	0	0	7.38	4.15	2.06	16				11	5	3
WILMGTN PORTER RESVR	70.3	51.3	60.8	-.8	80	23	38	18	156	3	3	0	0	0	0	7.93	4.36	1.92	16				12	6	3
--DIVISIONAL DATA-->			61.4	-1.0												7.26	3.90								
SOUTHERN 02																									
BRIDGEVILLE 1 NW	73.8	50.0	61.9	-1.8	85	15	34	10	140	5	2	0	0	0	0	3.52	.21	.85	16				11	3	0
DOVER	73.9	52.3	63.1	-1.1	86	16	39	17	112	6	3	0	0	0	0	7.01	3.51	2.19	16				12	5	1
GEORGETOWN 5 SW	73.0	50.5	61.8	-1.3	88	16	35	12	148	5	3	0	0	0	0	4.83	1.57	1.05	22				9	5	2
LEWES	75.4	53.7	64.6	2.5	89	15	40	12	81	7	3	0	0	0	0	5.07	1.53	1.32	17				10	4	2
MILFORD 2 WSW	74.9	51.4	63.2	-.7	89	15	34	10	122	7	5	0	0	0	0	5.35	1.87	1.54	16				11	4	1
--DIVISIONAL DATA-->			62.9	-.5												5.16	1.76								

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION (INCHES)

MARYLAND AND
DELAWARE
MAY 1983

STATION	TOTAL	DAY OF MONTH														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MARYLAND																
SOUTHERN EASTERN SHORE 01																
ASSATEAGUE STATE PARK	5.44				.48											
PRINCESS ANNE	4.27				.43											
SALISBURY	3.91				.37					.06						
SALISBURY FAA AP	6.07				.43					.09						
SNOW HILL 4 N	5.80				.49				.05	.01						.06
										.01						.01
CENTRAL EASTERN SHORE 02																
CAMBRIDGE WTR TRMT PL	6.47				.49											
DENTON 2 E	7.41				.67					.20						
ROYAL OAK 2 SSW	6.08				.43					.05						.93
VJENNA	4.23				.45					.11						.23
										T						.23
LOWER SOUTHERN 03																
LA PLATA 1 W	M	-														
MECHANICSVILLE 1 SE	5.54				.40											
OWINGS FERRY LANDING	M									.20						
PATUXENT RIVER	5.18				.36											
SOLOMONS	4.36			.21	.52			*	.10	.14					*	.08
																*
UPPER SOUTHERN 04																
ANNAPOLIS POLICE BRKS	5.69				.16											
BALTIMORE WSO AP	5.47	T			.05					.03						.21
BELTSVILLE	5.22			.04	.08				.13	.10						1.11
COLLEGE PARK	4.78				.06			T		.09						
DALECARLIA RESVR D C	4.92				.07											
GLENN DALE BELL STN	5.77				.09					.06						.01
LAUREL 3 W	7.03			.10	.09					.03						.35
NATIONAL ARBORETUM D C	4.80				.08			*	.28	.17				.16		.18
UPPER MARLBORO 3 NNW	6.28				.10				*	.13						1.20
										.16						.06
NORTHERN EASTERN SHORE 05																
CENTREVILLE	7.50				.47											
CHESTERTOWN	6.20				.37											.53
MILLINGTON 2 HNW	M			T						T						.41
NORTHERN CENTRAL 06																
ABERDEEN PHILLIPS FLD	4.80				.15											
BALTIMORE WSO CI	5.53				.06											
BENSON POLICE BARRACKS	7.83				.16					.10						1.05
BOYDS 2 NW	5.58				.11					.11						.40
BRIGHTON DAM	6.24				.20					.24						.85
CATOCTIN MOUNTAIN PARK	5.61	.02	T		.45					.20						.47
CLARKSVILLE 3 NNE	5.93			.01	.16					.43						.60
CONOWINGO DAM	6.50				.12			.01		.13						.35
DAMASCUS 2 SW	5.59				.13					.03						.39
EMMITSBURG 2 SE	5.08	T	T	.01	.13			T		.21						.85
FREDRICK POLICE BRKS	4.38	.03			.18					.20					T	.59
FREDERICK 3 E	4.92				.02					.08						.84
PARKTON 2 SW	5.83				.16					.16						T
POTOMAC FILTER PLANT	4.67				.40					.21						.58
TOWSON	7.41				.07					.33						.54
UNIONVILLE	4.15				.08					.12						.20
WESTMINSTER POLICE BRK	4.92				.10					.03						.34
WOODSTOCK	6.81				.22					.12						.48
					.16					.19						.76

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION (CONT)

MARYLAND AND
DELAWARE
MAY 1983

STATION	DAY OF MONTH															
	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
MARYLAND																
SHORE 01																
SOUTHERN EASTERN																
SHORE																
ASSATEAGUE STATE PARK	1.60	.07			.25	.60	.27	.40				.90		.60	.27	
PRINCESS ANNE	.60	.12			.52	.12	.23	.85				.40		.64	.24	
SALISBURY	.51	.19			.22	.22	.38	.35		.02	.06	.39		.92	.09	
SALISBURY FAA AP	1.03			.02	.55	.18	.70	.44	T		.72	.09		.99	.35	
SNOW HILL 4 N	.93	.07		T	.51	.76	.28	.63	T		T	.70		.86	.55	
CENTRAL EASTERN 02																
SHORE 02																
CAMBRIDGE WTR TRMT PL	.89	.11			.29		1.59	.01	.01			.71		2.06	.05	
DENTON 2 E	1.33	.07		.03	.33	.60	.33	.02			.04	.68		.23	.10	
ROYAL OAK 2 SSW	1.04	.06		.02	.03	.69	.60		T		.06	1.02		.41	.61	
VIENNA	.80	.14			.33	.64	.65	.64			.03	.34		.21	.77	
LOWER SOUTHERN 03																
LA PLATA 1 W																
MECHANICSVILLE 1 SE	1.27	.15			.35	.30	1.00	.10			.35	.85		.40	.17	
OWINGS FERRY LANDING																
PATUXENT RIVER	1.27			.02	.36	.18	1.16	.04	T		.79	.02		.47	.12	
SOLOMONS	*	*	1.16		.31	*	*	1.16	*	.04		*	*	*	*	
UPPER SOUTHERN 04																
ANNAPOLIS POLICE BRKS																
BALTIMORE WSO AP	1.37	.09		.04	.08	1.10	.28	.11	.35		.34	.71		.53	.29	
BELTSVILLE	1.75		.17	T	.44	.89	.89	T		T	.21	T	T	.67	.01	
COLLEGE PARK	1.44	1.06			.26	.67	.34	.25			.02	.11		.35	* .54	
DALECARLIA RESVR D C	.70	1.50			.31	.85	.27	.19			.01	.10		.30	.39	
GLENN DALE BELL STN	1.61	.10		.23	.10	.75	.15	.30	.13		.02	.07		.32	.48	
LAUREL 3 W	1.50	.15		T	.15	.69	.21	.28	.39		T	.72		.49	.72	
NATIONAL ARBORETUM D C	1.77		.32		.71	1.12	.86	.33			.40			.83	.30	
UPPER MARLBORO 3 NNW	.42	1.54			.18	.86	.33	.02			.01	.24		.33	.57	
	1.01	1.57			.10	1.19	.60				.70			.35	.27	
NORTHERN EASTERN 05																
SHORE 05																
CENTREVILLE	1.53				.10	2.00	.25	.30	.25		.05	.95		.45	.62	
CHESTERTOWN	1.64			.13	.03	.70	.96	.06	.13		.74	.10		.52	.41	
MILLINGTON 2 WNW																
NORTHERN CENTRAL 06																
ABERDEEN PHILLIPS FLD																
BALTIMORE WSO CI	1.42	.37		T	.50	.80	1.20	1.65			T	.15		.71	.51	
BENSON POLICE BARRACKS	1.14			.16		.76	.92	.81			.27	.04		.41	.26	
BOYDS 2 NW	1.79	.41			.29	.80	.19	.66				.30		.31	T	
BRIGHTON DAM	1.74	.15		.12	.17	.70	1.20	T				.24		.65		
CATOCTIN MOUNTAIN PARK	2.05			.55		.70	T			T	.22		T	.22	.01	
CLARKSVILLE 3 NNE	1.07	.25		.22	.40	.55	.16	.40			.76			.30	.47	
CONOWINGO DAM	1.60	.20		.13	.41	.60	.19	1.00	T		.01	.33		.44	.22	
DAMASCUS 2 SW	1.78			.21	.09	.73	1.23	T			.12	.07	T	.31	.01	
EMMITSBURG 2 SE	1.78	T		.35	.10	.64	.80	T			.40			.23	.02	
FREDRICK POLICE BRKS	.80	.31		.58	.50		.55	.80			.30			.27	.02	
FREDRICK 3 E	.97	.17		.19	.30	.33	.09	.40			.36	T		.23	.06	
PARKTON 2 SW	1.20	1.00		.57	.33	.61	.54				.24			.02	.02	
POTOMAC FILTER PLANT	1.68			.50	.03	.66	.56				.04		T	1.10	.02	
TOWSON	2.17			.31		.58	.33	T		.02				.32	T	
UNIONVILLE	1.70	.18		.17	.29	.98	.40	.81				.47		.60	.37	
WESTMINSTER POLICE BRK	1.31			.40	.10	.70	.19	.33			.38			.24	.24	
WOODSTOCK	1.10	.29		.04	.56	.72	.17	.40			T	.44		.25	T	
	1.59	.16		.11	.38	.68	.20	1.16			.28	.14		.30	.70	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION (INCHES)

MARYLAND AND
DELAWARE
MAY 1983

STATION	TOTAL	DAY OF MONTH														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
APPALACHIAN MOUNTAIN CUMBERLAND 2	07	4.47														
EDGEMONT		4.97	T		.34	.28				.10	.08					.14
FROSTBURG 2		5.61	.02		T	.40		.12			.37					.27
HAGERSTOWN		4.45	.25	.11	.32	.33	.04	T		T	.14					.22
HANCOCK FRUIT LAB		5.31	T	.12	.23	.22				.32						.58
			.12	.50	.36	.27				.24	.03					.21
ALLEGHENY PLATEAU	08	6.45														
MC HENRY 2 NW		5.28	.12	.31	.22	.77	.03			T	.18					.38
MERRILL		4.89	.01	.26	.10	.38	.04									.40
OAKLAND 1 SE		5.58	.03	.34	.38	.58	.05			.14	.02					.90
SAVAGE RIVER DAM			.01	.02	.15	.41	.02			T	.01				.13	.76
DELAWARE																
NORTHERN MIDDLETOWN 1 HSW	01	7.44				.35										
NEWARK UNIVERSITY FARM		6.28				.20					.03					.80
WILMINGTON WSO AP		7.38				.21					.21					.53
WILMINGTON PORTER RESVR		7.93			.02	.23	T			.10						.46
					.01					T						.58
SOUTHERN BRIDGEVILLE 1 NW	02	3.52				.50										
DOVER		7.01				.62					.06					.17
GEORGETOWN 5 SW		4.83				.31					.03					.63
LEWES		5.07				.23										
MILFORD 2 WSW		5.35				.42					.03					.03

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION (CONT)

MARYLAND AND
DELAWARE
MAY, 1983

STATION	DAY OF MONTH															
	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
APPALACHIAN MOUNTAIN CUMBERLAND 2																
EDGEMONT	.49	.57			.64		.50	.69	.02					.28	.34	
FROSTBURG 2	.70	.99			.53		.45	.77				.18		.12	.05	T
HAGERSTOWN	.54	.80		T	.66		.50	.91	.04	T				.25	.50	
HANCOCK FRUIT LAB	1.30	.10		.30	.18	.25	.18	.40			T			.27		T
	1.21	.12		.13	.25	.22	.96	.36	.02					.31		
ALLEGHENY PLATEAU																
MC HENRY 2 NW	1.29	.60	.02		.47		.38	.70	.31	.03				.15	.43	.06
MERRILL	.95	.60			.50	.23	.25	.90	.08					.20	.38	
OAKLAND 1 SE	.32	.04		.21	.17		.58	.29						.49	.20	.02
SAVAGE RIVER DAM	.81	.73		T	.51	.01	.50	.73	.05					.26	.60	T
DELAWARE																
NORTHERN MIDDLETOWN 1 WSW	1.25	.10			.09	1.09	.22	1.37	.42		.01	.96		.37	.38	
NEWARK UNIVERSITY FARM	1.45	.14		*	*	1.60	.19	.76	.05		.92		*	*	.23	T
WILMINGTON WSO AP	2.06			.08	T	1.15	.63	.10	.01		.84	.22		.40	1.10	T
WILMGTN PORTER RESVR	1.92			.13	.10	1.46	1.00	.04	.19		.98	.12		.37	.80	
SOUTHERN																
BRIDGEVILLE 1 NW	.85	.14			.20	.33	.51	.10	.01		.12	.27		.22	.04	T
DOVER	2.19	.24			.39	.68	.33	.71	.05		.15	.57		.23	.18	.04
GEORGETOWN 5 SW	.60	.75			.23	.07	1.05	.45	.03		T	.50		.12	.65	.04
LEWES	1.28	1.32			.17	.18	.70	.16			.03	.18		.52	.21	.09
MILFORD 2 WSW	1.54	.21			.23	.56	.53	.11	.01		.66	.42	T	.17	.06	.37

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES (°F)

MARYLAND AND
DELAWARE
MAY 1983

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	68	66	65	75	71	67	62	69	70	65	65	69	73	71	72	71	63	61	60	66	70	65	78	77	63	65	70	68	66	69	72	68.1		
	MIN	54	54	55	55	44	48	48	55	45	41	46	43	45	55	54	50	40	45	48	56	56	58	58	58	52	55	56	52	59	57	60	51.7		
PRINCESS ANNE	MAX	78	79	78	77	71	71	72	79	74	62	67	69	73	81	86	83	62	69	68	75	73	72	81	82	75	76	70	72	76	78	79	74.5		
	MIN	59	56	60	61	38	39	39	51	45	34	37	31	35	44	59	57	39	38	43	58	65	51	65	60	46	53	53	43	58	64	63	49.8		
SALISBURY	MAX	78	79	79	78	70	70	74	81	74	65	67	70	74	81	85	85	64	69	66	74	75	70	80	78	75	75	70	72	72	77	77	74.3		
	MIN	64	64	67	61	42	46	44	52	46	40	43	40	41	49	61	54	42	43	48	58	64	58	65	61	49	54	55	48	58	63	61	52.9		
SALISBURY FAA AP	MAX	77	78	79	70	71	68	72	80	60	63	69	67	73	80	85	70	62	66	65	72	73	70	81	75	72	75	69	71	71	77	78	72.2		
	MIN	61	64	65	43	39	45	40	52	39	38	43	37	39	48	62	43	41	40	47	60	65	63	66	54	50	55	50	47	58	65	59	50.9		
SNOW HILL 4 N	MAX	79	81	80	72	73	69	71	82	71	65	69	70	76	82	87	83	63	68	67	70	73	69	82	80	72	76	72	73	72	79	79	74.4		
	MIN	59	60	61	61	39	43	38	54	45	35	41	36	36	46	59	55	40	39	44	59	61	63	64	62	49	56	55	47	57	63	64	51.3		
CENTRAL EASTERN SHORE 02																																			
CAMBRIDGE WTR TRMT PL	MAX	78	78	79	79	77	70	70	79	77	63	67	68	72	82	88	88	61	70	70	75	75	71	83	83	74	77	71	72	73	72	77	74.8		
	MIN	56	56	65	61	44	51	45	54	47	41	40	42	42	52	50	50	44	43	48	59	65	60	61	64	55	52	50	49	58	67	63	52.7		
DENTON 2 E	MAX	79	79	78	75	72	70	73	80	68	65	72	71	78	86	88	68	65	72	69	75	75	70	83	79	76	77	72	74	70	77	76	74.6		
	MIN	62	64	62	58	42	42	43	49	41	32	38	37	38	48	62	48	36	36	48	59	67	61	63	58	47	56	52	46	52	63	61	50.7		
ROYAL OAK 2 SSW	MAX	79	78	78	74	71	68	72	78	69	64	69	69	74	80	88	69	61	68	68	75	73	69	81	77	73	74	68	71	71	76	74	72.9		
	MIN	62	64	66	60	46	50	50	58	46	43	43	42	44	53	65	50	43	47	52	61	66	61	66	63	51	59	54	50	59	64	64	54.9		
VIENNA	MAX	77	77	78	76	74	69	74	74	76	65	70	68	75	78	81	85	65	70	67	73	74	70	83	78	77	77	72	74	74	79	78	74.5		
	MIN	61	62	63	61	43	44	46	56	45	40	44	45	41	60	63	52	39	43	44	60	65	62	62	60	50	55	53	50	58	66	64	53.5		
LOWER SOUTHERN 03																																			
LA PLATA 1 W	MAX																																	M	
	MIN																																		M
MECHANICSVILLE 1 SE	MAX	80	80	80	77	77	75	74	78	69	71	70	75	75	80	85	75	67	68	69	75	75	70	80	75	69	75	72	69	70	75	77	74.4		
	MIN	60	65	61	58	42	40	48	52	40	45	46	54	54	59	60	50	38	42	53	49	54	60	62	55	53	49	50	45	52	60	58	52.1		
OWINGS FERRY LANDING	MAX																																	M	
	MIN																																		M
PATUXENT RIVER	MAX	82	82	85	71	73	67	70	82	64	68	67	68	73	77	89	71	63	68	67	79	75	71	85	74	73	76	69	72	72	82	75	73.9		
	MIN	61	61	62	48	47	49	48	50	44	40	48	47	46	56	63	47	44	43	55	61	65	63	67	63	53	56	52	53	61	66	62	54.2		
SOLOMONS	MAX		82	78	82	71	74			80	65	69	65	71																					M
	MIN		58	59	60	47	48			44	42	47	48	47																					M
UPPER SOUTHERN 04																																			
ANNAPOLIS POLICE BRKS	MAX	77	78	83	81	71	66	70	76	76	68	68	69	74	81	88	73	61	68	67	76	74	72	80	78	74	73	71	71	71	75	75	73.7		
	MIN	60	61	67	59	44	47	47	46	43	40	43	44	44	53	53	49	41	44	55	60	65	60	62	61	50	59	52	49	58	64	64	53.0		
BALTIMORE WSO AP	MAX	82	81	82	65	69	69	74	75	60	65	70	70	76	81	84	67	64	67	66	78	73	69	86	72	79	76	69	70	69	75	73	72.8		
	MIN	59	62	61	44	42	41	43	48	40	33	38	41	41	49	62	41	39	43	48	59	61	57	65	58	50	57	50	48	57	60	58	50.2		
BELTSVILLE	MAX	80	82	81	80	64	70	71	76	73	61	68	73	70	79	81	84	54	63	71	67	79	75	70	82	70	75	75	67	71	69	75	72.8		
	MIN	64	63	67	59	37	35	51	52	40	35	36	39	39	46	56	53	35	39	43	53	63	57	63	59	45	53	49	43	54	58	56	49.7		
COLLEGE PARK	MAX	81	83	82	82	68	72	73	78	73	61	68	72	71	78	83	85	55	65	72	69	81	70	75	84	72	77	77	68	73	70	76	74.0		
	MIN	66	67	69	61	40	39	41	59	43	40	38	41	42	49		54	37	42	47	59	64	59	63	62	47	55	49	46	58	60	58	51.8		
DALECARLIA RESVR D C	MAX	82	82	82	80	70	72	77	78	66	68	71	72	77	81	84	73	65	71	70	80	80	71	83	83	76	76	75	72	70	76	76	75.5		
	MIN	65	66	69	52	42	39	43	49	40	37	38	43	44	51	64	49	36	43	48	58	65	59	62	59	47	62	45	46	57	62	57	51.5		
GLENN DALE BELL STN	MAX	86	84	82	80	72	70	74	74	63	65	71	72	78	83	87	70	65	70	67	79	79	69	82	82	76	77	71	72	72	76	74	74.9		
	MIN	61	64	68	58	37	34	38	37	40	32	34	37	37	48	62	50	32	38	42	56	63	55	54	58	43	52	42	41	42	62	56	47.5		

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES (°F)

MARYLAND AND
DELAWARE
MAY 1983

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		
APPALACHIAN MOUNTAIN	07																																	
CUMBERLAND 2		MAX 80	77	77	64	64	76	86	83	60	70	77	81	83	79	77	70	66	73	70	81	79	68	82	78	79	74	69	71	73	81	75	74.9	
		MIN 57	57	53	44	36	40	45	42	32	34	37	45	47	50	48	35	36	40	52	53	61	58	52	42	42	44	40	40	55	55	51	45.9	
FROSTBURG 2		MAX 74	72	72	65	56	57	68	80	63	51	60	67	72	75	74	65	45	60	65	54	73	64	63	72	63	73	63	59	61	69	71	65.4	
		MIN 51	56	52	48	40	31	33	46	34	30	29	38	42	41	48	44	33	33	34	49	50	55	55	49	41	38	37	32	36	49	46	41.9	
HAGERSTOWN		MAX 78	79	79	64	68	68	77	76	59	67	74	79	76	77	75	68	65	69	68	81	79	67	82	80	75	72	69	68	65	77	77	72.8	
		MIN 62	65	61	52	46	39	51	58	40	33	42	43	44	48	64	45	35	40	52	57	61	57	57	56	45	56	44	41	54	60	57	50.5	
HANCOCK FRUIT LAB		MAX 77	77	76	64	66	70	80	78	61	66	73	72	74	76	76	69	65	69	69	82	80	65	80	78	73	75	70	66	66	77	77	72.5	
		MIN 50	55	58	51	40	32	39	52	41	29	32	34	37	42	59	49	32	35	54	54	56	57	60	49	40	51	39	36	54	57	54	46.1	
ALLEGHENY PLATEAU	08																																	
MC HENRY 2 NW		MAX 70	68	72	66	54	56	70	83	60	50	60	68	73	78	77	65	45	57	64	57	70	63	68	70	62	71	62	58	62	70	68	65.1	
		MIN 52	53	52	42	35	33	36	52	30	26	28	40	42	46	57	41	31	34	43	48	55	55	55	45	42	44	34	37	45	47	46	42.8	
OAKLAND 1 SE		MAX 72	70	69	57	58	69	81	80	51	61	69	73	77	76	75	64	59	68	67	70	70	71	71	69	71	70	62	64	78	69	68	68.7	
		MIN 54	54	54	45	40	28	40	42	32	25	26	30	35	46	49	38	30	30	51	53	52	55	56	49	35	43	31	33	52	45	49	42.0	
SAVAGE RIVER DAM		MAX 78	73	75	68	58	60	69	80	65	54	64	70	75	75	74	70	48	61	66	56	75	64	67	75	65	74	65	63	65	71	73	67.6	
		MIN 54	53	54	48	42	32	35	45	38	29	32	36	38	44	52	46	32	34	37	50	52	56	53	48	39	42	35	36	40	50	52	43.0	
DELAWARE																																		
NORTHERN	01																																	
MIDDLETOWN 1 WSW		MAX 80	81	80	78	68	69	75	77	74	64	67	67	74	83	83	67	62	68	66	75	77	70	81	80	74	73	68	70	68	76	73	73.2	
		MIN 61	64	66	55	42	43	41	46	42	37	38	40	40	47	58	48	37	44	49	56	64	60	61	58	50	55	51	48	57	60	58	50.8	
NEWARK UNIVERSITY FARM		MAX 82	86	81	75	70	70	75	79	66	65	78	68	76	83	80	68	63	70	68	78	78	65	82	76	78	73	68	70	70	76	76	74.0	
		MIN 61	62	67	54	39	42	40	46	40	35	39	37	39	48	59	47	35	41	49	55	61	61	60	59	46	55	52	45	55	62	49.3		
WILMINGTON WSO AP		MAX 81	80	81	67	68	69	71	78	59	65	69	68	76	81	80	65	64	67	65	77	78	66	82	73	72	72	69	69	67	77	71	71.8	
		MIN 59	62	63	47	44	42	44	46	40	35	39	40	41	52	61	39	35	42	53	60	61	61	63	54	47	56	50	49	57	61	53	50.2	
WILMGTON PORTER RESVR		MAX 79	78	78	68	68	69	70	75	60	63	67	65	74	79	77	64	62	66	65	75	72	66	80	70	71	72	67	67	66	75	70	70.3	
		MIN 62	63	63	49	45	45	46	49	43	38	43	44	46	45	57	42	42	38	53	57	62	60	61	57	49	54	54	50	57	62	55	51.3	
SOUTHERN	02																																	
BRIDGEVILLE 1 NW		MAX 78	78	77	76	72	70	74	79	73	64	68	69	75	83	85	68	62	70	68	75	75	70	82	80	75	76	69	73	71	78	76	73.8	
		MIN 59	63	62	59	40	40	41	49	41	34	36	36	37	48	58	50	36	40	47	56	65	60	63	58	46	53	51	46	55	62	60	50.0	
DOVER		MAX 80	79	79	79	70	70	72	80	76	64	68	68	74	78	86	86	62	65	66	76	75	69	80	82	74	71	69	70	71	77	76	73.9	
		MIN 62	65	68	57	43	46	45	52	44	40	39	41	43	53	57	51	39	42	49	58	60	60	60	59	50	57	54	48	56	62	61	52.3	
GEORGETOWN 5 SW		MAX 76	79	80	80	70	70	69	74	80	61	63	68	67	75	84	88	66	62	69	68	74	76	70	82	74	73	75	69	72	71	78	73.0	
		MIN 62	63	62	61	39	40	42	50	44	37	38	35	37	48	58	51	38	40	47	56	62	62	64	59	47	53	55	47	50	58	62	50.5	
LEWES		MAX 81	80	83	75	72	72	71	83	79	66	67	65	72	76	89	78	75	75	68	74	78	77	84	81	73	71	69	73	70	80	80	75.4	
		MIN 60	63	65	61	44	50	45	54	44	40	47	40	45	53	59	52	44	44	52	58	62	57	61	61	56	55	56	51	59	62	64	53.7	
MILFORD 2 WSW		MAX 81	80	81	79	73	71	76	82	67	63	68	69	75	81	89	85	62	68	69	76	78	70	83	81	73	76	70	73	70	78	75	74.9	
		MIN 62	64	66	60	40	43	45	53	42	34	38	37	39	50	60	51	37	40	48	58	66	61	58	58	46	53	55	48	57	64	60	51.4	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

EVAPORATION AND WIND

MARYLAND AND
DELAWARE
MAY 1983

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		WIND	-	53	51	48	58	40	14	50	72	64	55	31	34	23	17	35	45	24	31	55	19	18	21	36	53	24	21	33	26	*	1	28	
		EVAP	-	17	22	15	16	17	25	23	8	24	29	25	25	13	28	40	10	15	23	6	10	6	2	29	24	25	16	22	18	*	1	14	
		MAX	84	86	82	80	74	74	84	84	84	75	72	80	81	86	86	86	61	74	81	67	85	77	70	88	77	87	81	83	81	-	-	-	
		MIN	64	62	62	61	46	45	45	45	42	42	46	49	51	51	56	43	44	49	53	60	63	63	64	55	56	55	53	54	-	-	-	-	
UPPER MARLBORO 3 NNW		WIND	-	57	75	68	29	14	17	49	43	35	23	16	27	10	9	30	42	16	11	33	16	3	8	2	15	14	15	15	5	3	0		
		EVAP	-	25	25	22	23	18	24	26	8	32	24	22	25	21	16	29	7	20	20	10	10	-	-	22	25	28	32	27	15	7	11		
		MAX	82	81	79	79	73	75	80	79	72	72	74	79	79	85	82	90	61	73	77	67	80	74	68	88	81	84	84	80	78	68	83		
		MIN	60	60	61	60	48	47	47	49	46	43	43	47	50	50	56	61	42	42	52	53	59	64	63	66	57	57	55	54	55	59	64		
ALLEGHENY PLATEAU																																			
SAVAGE RIVER DAM	08	WIND	-	19	27	31	57	66	27	43	67	74	58	42	26	27	27	26	31	39	56	35	28	26	24	32	40	22	43	38	33	30	26		
		EVAP	-	-	4	9	14	20	16	18	25	21	23	12	35	13	8	13	6	12	13	16	-	16	7	17	1	27	19	22	13	8	7		
		MAX	70	73	71	63	62	68	75	80	63	70	73	77	81	84	75	70	52	69	70	53	77	66	65	80	72	77	75	75	65	71	82		
		MIN	55	56	56	52	46	40	39	50	39	36	37	39	43	49	66	51	38	38	44	51	51	59	56	56	47	47	44	43	46	52	56		
DELAWARE																																			
SOUTHERN	02																																		
GEORGETOWN 5 SW		WIND	*	36	42	09	17	7	86	60	42	116	170	89	76	50	57	97	64	65	118	64	49	114	93	66	58	64	50	64	77	53	52	70	69
		EVAP	36	31	33	29	27	18	16	20	43	28	23	24	21	25	24	37	20	10	28	14	4	-	8	32	21	21	13	5	37	5	20		
		MAX	81	86	83	82	77	76	81	81	84	73	74	79	78	83	89	92	70	74	80	70	77	80	72	91	82	87	80	82	82	73	86		
		MIN	61	64	64	64	51	53	52	52	48	45	46	50	50	51	60	56	43	44	53	55	63	67	67	67	58	60	59	57	57	61	72		

EVAPORATION: IS MEASURED IN HUNDRETHS OF INCHES

WIND: IS MEASURED IN MILES

MAX AND MIN: THE MAXIMUM AND MINIMUM TEMPERATURES (FAHRENHEIT) OF THE WATER IN THE EVAPORATION PAN

SEE REFERENCE NOTES FOLLOWING STATION INDEX

SNOWFALL AND SNOW ON GROUND (INCHES)

MARYLAND AND
DELAWARE
MAY 1983

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 NORTHERN CENTRAL 06 DAMASCUS 2 SW DELAWARE	SNOWFALL SN ON GND																													T	

SNOWFALL: INCLUDES SNOW AND ICE
 SNOW ON GROUND: INCLUDES SNOW, SLEET, ICE AND HAIL
 WATER EQUIVALENT: GIVEN FOR NWS STATIONS ONLY, WHEN SNOW DEPTH IS 2 INCHES OR MORE.
 SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

MARYLAND AND
DELAWARE
MAY 1983

STATION	INDEX NO.	DIVISION	COUNTY	LATITUDE	LONGITUDE	ELEVATION (IN FEET)	OBSERVATION TIME AND TABLES				OBSERVER	
							LOCAL STD TIME					
							TEMP	PRECIP	EVAP	SPECIAL (SEE NOTES)		
MARYLAND												
ABERDEEN PHILLIPS FLD	001506		HARFORD	39 28	76 10W	57	16	16		C	H	ROSS AVIATION INC
ANNAPOLIS POLICE BRKS	019304		ANNE ARUNDEL	38 59	76 30W	25	17	17			H	ANNAPOLIS POLICE BRKS
ASSATEAGUE STATE PARK	033501		WORCESTER	38 14	75 8W	7	17	17			H	ASSATEAGUE STATE PARK
BALTIMORE WSO AP	046504	R	ANNE ARUNDEL	39 11	76 40W	196	MID	MID		C	H	NATL WEATHER SERVICE
BALTIMORE WSO CI	047006	R	BALTO CITY	39 17	76 37W	91	MID	MID		C	H	OCDI COMMANDING OFFICER
BELTSVILLE	070004		PRN GEORGES	39 2	76 53W	120	8	8		B	C	U S DEPT OF AGRICULTURE
BENSON POLICE BARRACKS	073206		HARFORD	39 30	76 23W	365	17	17				MARYLAND STATE POLICE
BOYDS 2 NW	103206		MONTGOMERY	39 13	77 20W	580	18	18				HUNTER F STALEY
BRIGHTON DAM	112506		MONTGOMERY	39 12	77 1W	330		MID				WASH SUB SANY COMM
CAMBRIDGE WTR TRMT PL	138502		DORCHESTER	38 34	76 4W	5	16	16			H	WASTEWATER TRTMT PLANT
CATOCTIN MOUNTAIN PARK	153006		FREDERICK	39 39	77 29W	1610	17	17		C	H	CATOCTIN MOUNTAIN PARK
CENTREVILLE	162705		QUEEN ANNES	39 3	76 4W	60	17	17			H	MICHAEL B CATE
CHESTERTOWN	175005		KENT	39 13	76 4W	40	23	23			H	THOMAS W ELIASON JR
CLARKSVILLE 3 NNE	186206		HOWARD	39 15	76 56W	365	17	17			H	UNIVERSITY OF MARYLAND
COLLEGE PARK	199504		PRN GEORGES	38 59	76 57W	90	9	9		C	H	UNIVERSITY OF MARYLAND
CONOWINGO DAM	206006		HARFORD	39 39	76 10W	4	MID	MID			H	SUSQUEHANNA ELECTRIC CO
CRISFIELD SOMERS COVE	221501		SOMERSET	37 59	75 52W	8	17	17			H	INACTIVE 03/31/83
CUMBERLAND 2	228207		ALLEGANY	39 38	78 45W	700	18	7			H	TIMOTHY B THOMAS
DALECARLIA RESVR D C	232504			38 56	77 7W	146	17	17				U S CORPS OF ENGINEERS
DAMASCUS 2 SW	233506		MONTGOMERY	39 16	77 14W	720	19	19			H	RICHARD W SCHWERDT
DENTON 2 E	252302		CAROLINE	38 53	75 48W	50	17	17			H	ARTHUR REINHOLD
EDGEMONT	277007		WASHINGTON	39 40	77 33W	905		7				JOHN W HARNE
EMMITSBURG 2 SE	290606		FREDERICK	39 41	77 18W	416	17	17			H	MRS LUCILLE K BEALE
FREDRICK POLICE BRKS	334806		FREDERICK	39 25	77 26W	380	17	17			H	MARYLAND STATE POLICE
FREDERICK 3 E	335506		FREDERICK	39 24	77 22W	385		7				MISS I MARY STALEY
FROSTBURG 2	341507		ALLEGANY	39 40	78 56W	2170	7	7			H	LEE K CLOSE
GLENN DALE BELL STN	367504		PRN GEORGES	38 58	76 48W	150	16	16			H	USDA PLT INTRODUCT STN
HAGERSTOWN	397507		WASHINGTON	39 39	77 44W	660	18	18				HAGERSTOWN RESERVOIR
HANCOCK FRUIT LAB	403007		WASHINGTON	39 42	78 11W	428	16	16		C	H	SHARPSBURG RESEARCH C
LA PLATA 1 W	508003		CHARLES	38 32	77 0W	140	18	18			H	C RUSSELL LEVERING
LAUREL 3 W	511104		PRN GEORGES	39 6	76 54W	400	MID	MID				WASH SUB SANY COMM
MC HENRY 2 NW	583208		GARRETT	39 35	79 22W	2680	8	8		C	H	JOSEPH F JOHENNING
MECHANICSVILLE 1 SE	586503		ST MARYS	38 26	76 43W	160	17	17				MRS EDITH R BENNETT
MERRILL	589408		GARRETT	39 36	79 5W	1790		9				DELWOOD E MERRILL
MILLINGTON 2 WNW	598505		KENT	39 16	75 52W	30	17	17			H	MRS GERALDINE CONNOLLEY
NATIONAL ARBORETUM D C	635004			38 54	76 59W	50	8	8			H	U S NATL ARBORETUM
OAKLAND 1 SE	662008		GARRETT	39 24	79 24W	2420	17	17			H	MS CARA M WEBER
OWINGS FERRY LANDING	677003		CALVERT	38 41	76 40W	160	17	17			H	JAMES E BOURNE JR
PARKTON 2 SW	684406	//	BALTIMORE	39 38	76 42W	600	23	23		C	H	JOHN R FOX
PATUXENT RIVER	691503		ST MARY'S	38 20	76 25W	38	MID	MID				NAVAL WEATHER SERVICE
POTOMAC FILTER PLANT	727206		MONTGOMERY	39 2	77 15W	270		MID				POTOMAC WATER FILT PLT
PRINCESS ANNE	733001		SOMERSET	38 13	75 41W	20	17	17			H	MARYLAND ST COLLEGE FRM
ROCKVILLE 3 NE	770506		MONTGOMERY	39 7	77 6W	400	16	16			H	INACTIVE 03/31/83
ROYAL OAK 2 SSW	780602		TALBOT	38 43	76 11W	10	18	18			H	JOHN L SWAINE JR
SALISBURY	800001		WICOMICO	38 22	75 35W	10	17	17				CITY OF SALISBURY
SALISBURY FAA AP	800501	#	WICOMICO	38 20	75 31W	48	MID	MID			H	FAA
SAVAGE RIVER DAM	806508		GARRETT	39 31	79 8W	1495	8	8		B	C	U S CORPS OF ENGINEERS
SNOW HILL 4 N	838001		WORCESTER	38 14	75 23W	28	18	18			H	CURTIS E SHOCKLEY
SOLOMONS	840503		CALVERT	38 19	76 27W	12	8	8				CHESAPEAKE BIOL LAB
TOWSON	888706		BALTIMORE	39 23	76 34W	390	18	18				BENDIX FRIEZ
UNIONVILLE	903006		FREDERICK	39 27	77 11W	430	18	18		C	H	GEORGE P VON EIFF JR
UPPER MARLBORO 3 NNW	907004		PRN GEORGES	38 52	76 47W	98	8	8		B		TOBACCO EXP FARM
VIENNA	914002		DORCHESTER	38 29	75 50W	12	18	18			H	DELMARVA POWER & LIGHT

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

MARYLAND AND
DELAWARE
MAY 1983

STATION	INDEX NO.	DIVISION	COUNTY	LATITUDE	LONGITUDE	ELEVATION (IN FEET)	OBSERVATION TIME AND TABLES				OBSERVER
							LOCAL STD TIME				
							TEMP	PRECIP	EVAP	SPECIAL (SEE NOTES)	
WESTMINSTER POLICE BRK	9440	06	CARROLL	39 33	76 58W	765	17	17			MARYLAND STATE POLICE JOHN A HILTZ
WOODSTOCK	9750	06	BALTIMORE	39 20	76 52W	460	18	18		H	
DELAWARE											
BRIDGEVILLE 1 NH	1330	02	SUSSEX	38 45	75 37W	50	17	17			WILLIAM M RAY STATE DIV OF HIGHWAYS UNIV OF DEL SUBSTATION BOARD OF PUBLIC WORKS PIONEER HIBRED CORN CO MRS BERNARD FRANKEL UNIV OF DELAWARE
DOVER	2730	02	KENT	39 9	75 31W	30	17	17		H	
GEORGETOWN 5 SW	3570	02	SUSSEX	38 38	75 27W	45	8	8		B C H	
LEWES	5320	02	SUSSEX	38 46	75 8W	15	17	17		H	
MIDDLETOWN 1 WSW	5852	01	NEW CASTLE	39 26	75 45W	60	16	16		H	
MILFORD 2 WSW	5915	02	SUSSEX	38 54	75 28W	30	17	17		H	
NEWARK UNIVERSITY FARM	6410	01	NEW CASTLE	39 40	75 44W	90	17	17		17 C H	
WILMINGTON WSO AP	R 9595	01	NEW CASTLE	39 40	75 36W	79	MID	MID		C H J	
WILMGTON PORTER RESVR	9605	01	NEW CASTLE	39 46	75 32W	274	MID	MID		H	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

REFERENCE NOTES

MARYLAND AND
DELAWARE
MAY 1983

DEFINITIONS

MONTHLY DEGREE DAY TOTALS: One heating (cooling) degree day is accumulated for each whole degree that the daily mean temperature is BELOW (ABOVE) 65 degrees Fahrenheit.

TEMPERATURE: Original and edited temperature values are given in the Daily Temperature Table. Edited values are produced when an original value is missing or when surrounding stations indicate a suspect original value. When a line labeled OBS is present and contains either a daily temperature (suspect) or *** (missing), the temperature appearing directly above, on the line labeled MAX or MIN, is an edited value. Summary temperature information (averages, departures, extremes, monthly degree day totals) is based on the values labeled MAX/MIN.

WIND: (As shown in "Evaporation and Wind" table) The total wind movement in miles over the evaporation pan as determined by an anemometer recorder located 6-8 inches above the pan.

NORMALS: The average value of the meteorological element over a time period. Effective 1 January 1983, the averaging period is 1951 to 1980. The normals for National Weather Service localities have been adjusted so as to be representative for the current observation site.

DIVISIONS: Areas within a state of similar climatological characteristics.

STATION NAMES: Name of the city, town or locality. Figures and letters following the station names indicate the distance in miles and direction from the post office or town community center.

LETTERS AND SYMBOLS USED IN THE DATA TABLES

BLANK entries in the "Monthly Summarized Data" table indicate no record. **BLANK** entries in the "Daily Precipitation" and "Snowfall and Snow on Ground" tables indicate zero.

BLANK entries in the "Daily Temperature" table indicate a missing record where an edited value could not be determined. (See *** below)

- No record. Data not recorded, determined unreliable by quality control checks, or not received in time for publication.

+ Precipitation or temperature extremes occurred on one or more previous dates during the month.

*** Missing original temperature which has been estimated during edit.

* Gage not read. Precipitation is included in the amount following the asterisks. Time distribution not known. An * preceding the monthly total indicates precipitation amount is being carried forward to next months total, and may include amounts from the previous month(s). Includes total for previous month(s). (See * above)

// Gage equipped with a windshield.

A Amount of precipitation is the total of observer's entries for the current month. It may include precipitation that occurred during the previous month. Refer to earlier bulletin to determine date of last reading. (HAWAII stations)

B Adjusted monthly value (estimated), (1-7 missing values for wind and evaporation).

M Insufficient or partial data. M is appended to average and/or total values computed with 1-9 daily values missing. M appears alone if 10 or more daily values are missing, (8 or more for wind and evaporation).

R Amounts from recording gage.

T Trace. An amount too small to measure.

LETTERS AND SYMBOLS USED IN THE STATION INDEX TABLE

R Amounts from recording gage.
// Gage equipped with a windshield.
AR Observation made "after rain" has occurred.
C Station is equipped with recording rain gage (R) but values in this bulletin are from a non-recording gage unless indicated by an R.
G Observations appear in "Soil Temperatures" table.
J Station also published as a Local Climatological Data publication.
H Observations appear in "Snowfall and Snow on Ground" table.
MID Observation time is midnight.
SR Observation time near sunrise.
SS Observation time near sunset.
VAR Observation time varies.
MO Gage read once monthly, usually the last day.
OC Gage readings vary from a few weeks to several months.
WI Gage read weekly or irregularly.
WM Gage read weekly and last day of month.
Thermometers located in a rooftop shelter.

Additional information regarding the climate of this state may be obtained by writing to the National Climatic Data 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" bulletin for each state, except Alaska.

Seasonal Tables: Monthly and seasonal snowfall and heating degree days for the 12 months ending with the June data will be carried in the July issue of this bulletin. Cooling degree days for the calendar year will be published in the "Climatological Data Annual Summary".

Information concerning the history of changes in locations, exposure, etc. of substations through 1955 is available in the "Substation History" publication. Subsequent historical information is kept on file at the National Climatic Data Center. Similar information for regular National Weather Service Offices may be obtained from the "Local Climatological Data" annual publication.

SUBSCRIPTION, PRICE AND ORDERING INFORMATION AVAILABLE FROM:
THE NATIONAL CLIMATIC DATA CENTER, FEDERAL BUILDING,
ASHEVILLE, N.C. 28801 (ATTN: PUBLICATIONS)

NOTE: Special Weather Summaries are provided by the State Climatologist for inclusion in the published Climatological Data Bulletin. These summaries are not included in the archived microfiche copies of the CD bulletin.

M A R Y L A N D A N D D E L A W A R E - M A Y 1 9 8 3

SPECIAL WEATHER SUMMARY

W. J. Moyer

State Climatologist of Maryland
 University of Maryland
 Department of Agronomy
 College Park, MD 20742

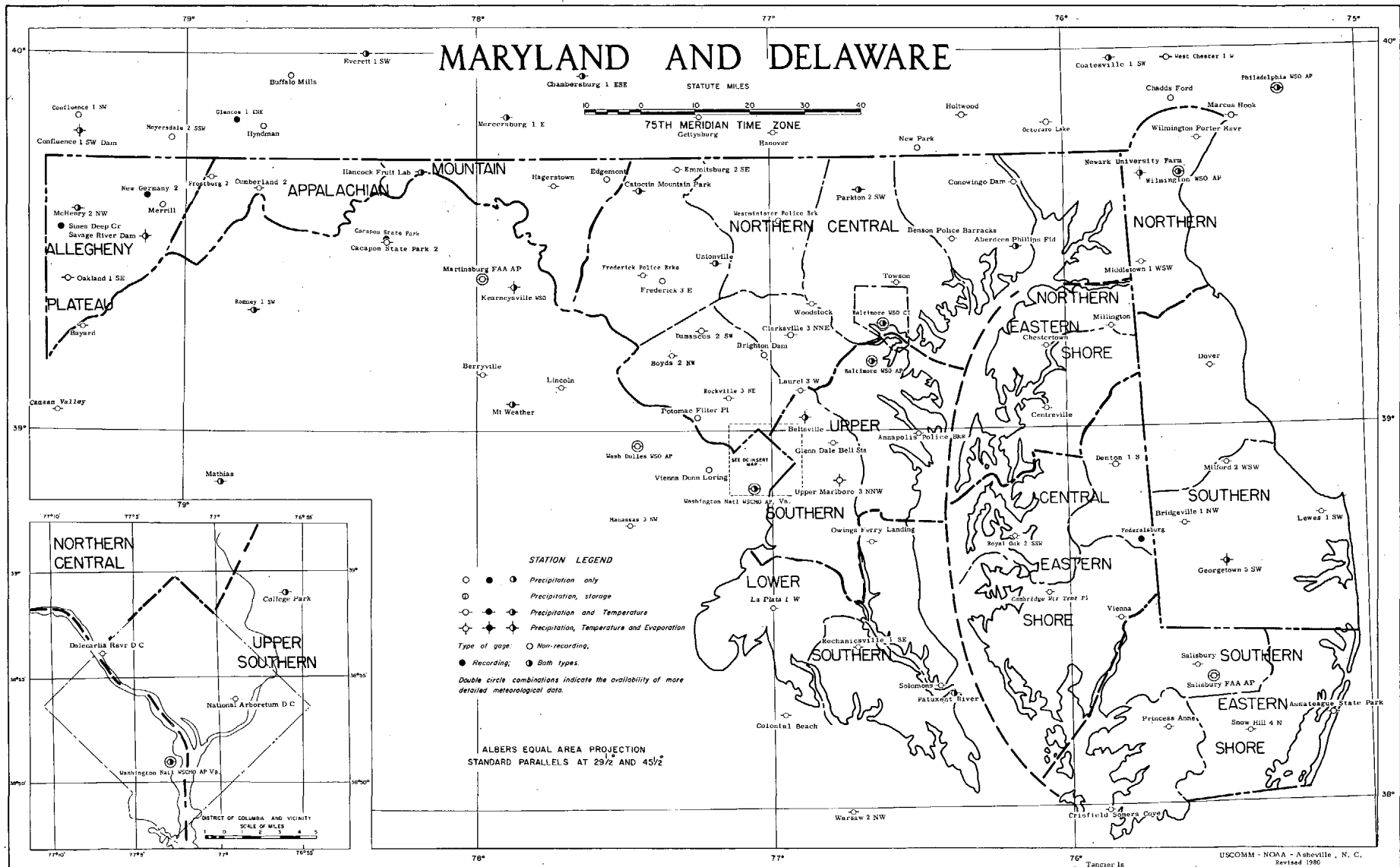
May was cool and wet but not as wet as the previous two months, which had record-breaking totals. However, the three-month totals (March-May) made this the wettest spring for most stations in Maryland east of the mountains and in Delaware. Many stations recorded three-month totals that ranged between 20 and 25 inches and equalled or exceeded one-half of their normal totals (41 to 46 inches) for the year. The greatest spring total was 25.07 inches at the Benson State Police Station near Bel Air, Harford County; this is likely an all-time state record. Spring totals exceeding 20 inches were recorded in most areas of eastern Maryland and Delaware. Spring (March-May) normals in Maryland and Delaware range between 10.5 and 12.0 inches. The following is a selection of the heaviest totals:

<u>Station</u>	<u>Mar</u>	<u>Apr</u>	<u>May</u>	<u>Total</u>	<u>Normal</u>	<u>Record From</u>
Maryland						
Benson State Police	7.98	9.26*	7.83	25.07	12.09	1949
Owings Mills	7.89	8.64	6.62	23.15		
Royal Oak	7.46	9.01*	6.60	23.07	11.11	1947
Conowingo Dam	6.81	9.65*	6.50	22.96	11.54	1936
Baltimore City	9.76	7.30	5.53	22.59	11.07	1871
Delaware						
Yorklyn	7.75	8.73	7.69	24.17		
Wilmington Porter Res.	7.55	8.10	7.93	23.58	11.52	1913
Middletown	8.04	6.86	7.44	22.34		1954
Dover	6.90	8.13*	7.21	22.24	10.58	1907
Wilmington WSO/AP.	6.84	6.80	7.38	21.02	10.42	1894

Most stations reported above normal to much above normal May monthly totals in spite of little rainfall during the first 14 days of the month, especially in eastern Maryland and Delaware. Totals over 7 inches extended from the Baltimore metropolitan area into northern Delaware and also were found in parts of eastern Garrett County. Least totals, less than 4 inches, were found in extreme southern areas and in eastern Washington County. Maryland's state precipitation average was 5.52 inches; normal, 3.67 inches; the wettest May since 1978. Delaware's state average was 5.44 inches; normal, 3.39 inches; also, the wettest May since 1978. Most of the days from the 15th through the 31st were rain days. At the Baltimore National Weather Service Airport Station, rain was recorded on 14 days of the last 17 while Wilmington Airport

Station recorded 13 days.

The average monthly temperatures, the second consecutive cool month, ranged from near normal to 2.5° below normal. Highest temperatures reached into the 80's while lowest temperatures ranged mostly from low 30's to low 40's except for mid 20's to mid 30's in western Maryland. Maryland's state average was 62.4°; normal, 62.9°. Delaware's state average was 62.2°; normal, 63.1°.



DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL ENVIRONMENTAL SATELLITE, DATA, AND INFORMATION SERVICE
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