

CLIMATOLOGICAL DATA

MARYLAND AND DELAWARE

APRIL 1983

VOLUME 87 NUMBER 4



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28801

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ASHEVILLE NORTH CAROLINA

TEMPERATURE AND PRECIPITATION EXTREMES

MARYLAND AND
DELAWARE
APRIL 1983

MARYLAND
 HIGHEST TEMPERATURE 90
 LOWEST TEMPERATURE 18
 GREATEST TOTAL PRECIPITATION 9.65
 LEAST TOTAL PRECIPITATION 3.80
 GREATEST 1 DAY PRECIPITATION 3.07
 GREATEST TOTAL SNOWFALL 2.1
 GREATEST DEPTH OF SNOW OR ICE 1

DELAWARE
 HIGHEST TEMPERATURE 88
 LOWEST TEMPERATURE 28
 GREATEST TOTAL PRECIPITATION 8.71
 LEAST TOTAL PRECIPITATION 5.92
 GREATEST 1 DAY PRECIPITATION 2.85
 GREATEST TOTAL SNOWFALL 1.0
 GREATEST DEPTH OF SNOW OR ICE 1

APRIL 29+
 APRIL 20

APRIL 16
 APRIL 20+

APRIL 28
 APRIL 2

APRIL 16
 APRIL 19

2 STATIONS
 MC HENRY 2 NW
 CONOWINGO DAM
 MERRILL
 DENTON 2 E
 FROSTBURG 2
 2 STATIONS

NEWARK UNIVERSITY FARM
 2 STATIONS
 LEWES
 GEORGETOWN 5 SW
 LEWES
 MILFORD 2 WSW
 WILMINGTON PORTER RESVR

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

MARYLAND AND
DELAWARE
APRIL 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	32 OR BELOW	0 OR BELOW				TOTAL	MAX. DEPTH ON GROUND	DATE	.10 OR MORE	.50 OR MORE	1.00 OR MORE
MARYLAND																					
SOUTHERN EASTERN SHORE 01																					
ASSATEAGUE STATE PARK	59.7	42.6	51.2		80	29	408	0	0	0	1	0	6.20		2.00	16	.0	0	8	5	2
PRINCESS ANNE	64.5	40.4	52.5	-1.3	84	22	382	12	0	0	8	0	5.44	2.12	1.54	16	.0	0	8	4	3
SALISBURY	64.0	43.8	53.9		87	33	346	19	0	0	0	0	2.39	1.57	1.6	16	.0	0	8	4	3
SALISBURY FAA AP	61.9	43.2	52.6	-1.1	85	29	382	14	0	0	3	0	3.14	2.05	1.6	16	T	T	10	4	2
SNOW HILL 4 N	63.7	41.8	52.8	-1.8	87	30	374	13	0	0	7	0	3.61	2.70	1.6	16	T	T	8	4	2
--DIVISIONAL DATA----->																					
CENTRAL EASTERN SHORE 02																					
CAMBRIDGE WTR TRMT PL	63.5	43.9	53.7	-1.2	85	33	346	12	0	0	0	0	7.10	3.80	2.24	16	.0	0	8	5	3
DENTON 2 E	64.0	41.0	52.5	-2.4	86	30	377	9	0	0	4	0	8.02	4.70	3.07	16	.0	0	9	5	3
ROYAL OAK 2 SSH	61.8	44.4	53.1	-2.7	84	34	361	10	0	0	0	0	9.02	5.61	2.36	16	.0	0	10	6	3
VIENNA	64.0	44.3	54.2	-1.4	85	33	331	14	0	0	0	0	6.01	3.27	1.94	16	.0	0	8	5	3
--DIVISIONAL DATA----->																					
LOWER SOUTHERN 03																					
LA PLATA 1 W	63.1	42.2	52.7	-2.8	89	27	381	15	0	0	4	0	8.05	4.88	1.84	15	T	T	11	5	3
MECHANICSVILLE 1 SE	63.9	42.3	53.1		87	30	365	12	0	0	3	0	8.12	1.30	2.3	23	.0	0	13	7	3
OWINGS FERRY LANDING																					
PATUXENT RIVER	62.7	44.6	53.7		88	34	358	24	0	0	0	0	8.18	2.61	1.5	15	T	T	10	5	3
SOLOMONS					85	33			0	0	0	0	7.17	4.12			.0	0	0	0	0
--DIVISIONAL DATA----->																					
UPPER SOUTHERN 04																					
ANNAPOLIS POLICE BRKS	62.4	44.0	53.2		85	33	361	15	0	0	0	0	8.42		1.94	10	.0	0	9	7	4
BALTIMORE WSO AP	61.1	42.4	51.8	-2.2	87	29	410	18	0	0	3	0	6.55	3.20	1.82	15	T	T	10	4	2
BELTSVILLE	59.9	40.6	50.3	-2.4	87	21	452	14	0	0	6	0	7.67	4.30	2.13	16	.0	0	8	5	3
COLLEGE PARK	61.3	43.2	52.3	-3.1	90	31	392	20	1	0	2	0	7.46	4.09	2.03	16	T	T	8	5	3
DALECARLIA RESVR D C	63.7	42.5	53.1	-2.6	89	30	368	19	0	0	4	0	8.55	4.95	2.23	15	.0	0	10	5	3
GLENN DALE BELL STN	63.0	39.9	51.5	-2.7	89	25	407	8	0	0	6	0	7.64	4.12	1.36	24	T	T	10	6	3
LAUREL 3 W	61.5	43.2	52.4	-2.8	88	30	387	16	0	0	2	0	9.25	5.85	2.97	15	.0	0	10	8	2
NATIONAL ARBORETUM D C	60.5	41.9	51.2	-5.0	88	30	421	13	0	0	2	0	7.45	4.08	2.01	16	.0	0	8	5	2
UPPER MARLBORO 3 NNW	60.9	41.7	51.3		89	27	421	17	0	0	3	0	9.45	6.13	2.20	16	.0	0	10	6	4
--DIVISIONAL DATA----->																					
NORTHERN EASTERN SHORE 05																					
CENTREVILLE	63.5	41.7	52.6		88	32	379	16	0	0	2	0	8.43		1.65	16	.0	0	9	8	4
CHESTERTOWN	61.7	43.3	52.5	-1.6	87	32	383	17	0	0	1	0	8.09	4.84	1.60	24	T	T	12	7	3
MILLINGTON 2 WNW																					
--DIVISIONAL DATA----->																					
NORTHERN CENTRAL 06																					
ABERDEEN PHILLIPS FLD	61.9	42.5	52.2		86	31	393	16	0	0	1	0	8.48		2.46	11	.0	0	7	5	3
BALTIMORE WSO CI	61.9	46.8	54.4	-2.4	86	32	348	34	0	0	1	0	7.30	3.79	1.83	15	M	M	11	5	3
BENSON POLICE BARRACKS	62.8	39.7	51.3	-1.5	88	29	420	14	0	0	7	0	9.26	5.26	1.94	16	.0	0	10	7	4
BOYDS 2 NW	60.4	42.3	51.4		85	29	419	15	0	0	4	0	6.75		1.70	10	.0	0	10	5	2
CATOCTIN MOUNTAIN PARK	56.8	40.1	48.5		85	24	506	18	0	0	6	0	9.17		2.04	24	.5	T	10	7	4
CLARKSVILLE 3 NNE	61.3	39.0	50.2		86	26	442	2	0	0	8	0	8.13		2.09	15	T	T	9	5	3
CONOWINGO DAM	60.4	40.7	50.6	-1.4	82	25	431	5	0	0	6	0	9.65	5.83	2.61	15	.0	0	13	8	3

SEE REFERENCE NOTES FOLLOWING STATION INDEX

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

MARYLAND AND
DELAWARE
APRIL 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	32 OR BELOW	0 OR BELOW					TOTAL	MAX. DEPTH ON GROUND	DATE	.10 OR MORE	.50 OR MORE	1.00 OR MORE		
DAMASCUS 2 SW	59.5	41.8	50.7		88	5/28	29	19	444	22	0	0	5	0	7.88		2.00	15		T			10	5	3	
EMMITSBURG 2 SE	60.6	40.8	50.7		88	5/28	28	17	430	10	0	0	6	0	9.00		2.08	10		T			10	9	4	
FREDRICK POLICE BRKS	61.8	42.9	52.4		88	7/29+	28	20	392	21	0	0	4	0	7.66		1.62	15		T			10	5	4	
PARKTON 2 SW	59.2	38.6	48.9		88	5/28	27	1	486	10	0	0	9	0	8.91		2.98	15		T			13	5	2	
TOWSON	61.1	40.0	50.6		88	5/28	25	2	446	18	0	0	7	0	7.91	3.93	1.92	10		T			9	3	3	
UNIONVILLE	60.4	38.3	49.4	-2.1	88	5/28	25	17	466	5	0	0	10	0	7.15	3.64	2.05	15		T			9	5	3	
WESTMINSTER POLICE BRK	59.8	42.1	51.0	-1.2	88	5/28	21	20	442	27	0	0	5	0	7.72	4.03	2.08	15		T			11	5	3	
WOODSTOCK	61.6	40.9	51.3	-1.6	88	5/28	28	1	421	15	0	0	6	0	7.84	4.22	1.91	15		T			10	6	4	
--DIVISIONAL DATA-->			50.9	-2.3											8.19	4.56										
APPALACHIAN MOUNTAIN 07																										
CUMBERLAND 2	62.5	41.5	52.0	-1.5	90	9/28	26	16	402	20	1	0	4	0	4.37	1.01	1.05	24					10	3	1	
FROSTBURG 2	51.5	34.4	43.0		88	7/29	20	19	654	0	0	0	14	0	6.60		1.52	24					11	6	2	
HAGERSTOWN	59.7	42.6	51.2	-2.4	88	7/29+	27	19	430	20	0	0	3	0	8.22	4.72	1.67	24		T			10	7	5	
HANCOCK FRUIT LAB	61.9	40.3	51.1	.0	87	7/29+	24	17	424	16	0	0	5	0	5.97	2.73	2.21	24		T			7	4	2	
--DIVISIONAL DATA-->			49.3	-3.0											6.29	2.86										
ALLEGHENY PLATEAU 08																										
MC HENRY 2 NW	52.3	34.0	43.2		81	12/9	18	20	650	1	0	1	15	0	5.38		.99	24					12	4	0	
OAKLAND 1 SE	55.3	35.9	45.6	-1.6	80	7/28	20	19+	577	1	0	0	10	0	4.69	.18				T			6	2	0	
SAVAGE RIVER DAM	53.8	36.7	45.3	-3.1	83	7/29	25	19+	584	0	0	0	9	0	5.54	2.06	1.73	24		T			10	5	1	
--DIVISIONAL DATA-->			44.7	-2.5											5.20	1.01										
DELAWARE																										
NORTHERN 01																										
MIDDLETOWN 1 WSW	62.8	40.8	51.8		87	7/29	29	4	405	15	0	0	4	0	6.86		1.95	16						7	4	3
NEWARK UNIVERSITY FARM	63.1M	40.6	51.9M	-.9	88	7/28	31	20+	395	11	0	0	4	0	6.71	3.21	1.90	16						8	4	3
WILMINGTON WSO AP	62.9	43.3	53.1	-.7	85	7/28	32	1	368	17	0	0	1	0	6.80	3.41	1.46	10						11	4	3
WILMGTN PORTER RESVR	60.1	43.2	51.7	-.1	84	7/28	31	20+	408	14	0	0	2	0	8.10	4.22	1.56	10						11	6	3
--DIVISIONAL DATA-->			52.1	-.6											7.12	3.58										
SOUTHERN 02																										
BRIDGEVILLE 1 NW	63.7	40.5	52.1	-2.1	85	7/28	28	2	389	10	0	0	7	0	6.51	3.20	1.63	16						11	5	3
DOVER	63.3	42.9	53.1	-1.6	84	7/29+	32	20+	369	19	0	0	2	0	8.13	4.92	1.91	16+						8	5	3
GEORGETOWN 5 SW	61.2	41.1	51.2	-2.4	87	7/28	28	2	420	15	0	0	3	0	5.92	2.72	1.36	16						11	5	3
LEWES	63.6	43.4	53.5	-.4	86	7/28	32	20+	358	19	0	0	2	0	8.71	5.30	2.85	16						11	6	4
MILFORD 2 WSW	64.5	41.4	53.0	-1.4	87	7/28	29	2	373	17	0	0	5	0	7.07	3.66	1.50	16						11	7	2
--DIVISIONAL DATA-->			52.6	-1.5											7.27	3.96										

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION (INCHES)

MARYLAND AND
DELAWARE
APRIL 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	6.20			.55			.05	.10	.04	.06	.87	.23					
PRINCESS ANNE	5.44	.19		1.01			.02	.20	.03		.77	.35					
SALISBURY	5.70	.14	T	1.10			.03	.08	.05	.04	.98	.32					
SALISBURY FAA AP	6.30		.12	1.12		T	.04	.06	.03	.26	.58	.33				T	
SNOW HILL 4 N	6.93	.21		.80			.02	.08	.02	.01	.67	.27					
CENTRAL EASTERN SHORE 02																	
CAMBRIDGE WTR TRMT PL	7.10			.68			.09	.10	.29	.02	1.30	.62					
DENTON 2 E	8.02			.92				.10	.10	.40	1.32	.50					
ROYAL OAK 2 SSW	9.02			.90		T	.06	.18	.35	.24	1.80	.64				.58	
VIENNA	6.61	.08		.57		*	.05	.05	.30	.03	1.16	.56					
LOWER SOUTHERN 03																	
LA PLATA 1 W	8.05		.06	.74			.14	.18	.15	.39	1.40	.49				1.84	
MECHANICSVILLE 1 SE	8.12		.10	.97			.20	.35	.20	1.10	.80	.60				1.10	
OWINGS FERRY LANDING	M																
PATUXENT RIVER	8.18		.08	.25			.19	.09	.07	.52	1.32	.54				2.61	
SOLOMONS	7.17		*	*	.47		.06	*	.22	*	*	2.53					
UPPER SOUTHERN 04																	
ANNAPOLIS POLICE BRKS	8.42			.86			.06	.07	.25	.74	1.94	.67				1.02	
BALTIMORE WSO AP	6.55		.42	.43			T	.22	.16	.70	.91	.40				1.82	
BELTSVILLE	7.67			.87				.03	.20	.32	1.85	.72				.04	
COLLEGE PARK	7.46			.89			T	.04	.21	.22	1.71	.72				.08	
DALECARLIA RESVR D C	8.55		.04	.94			.07	.14	.28	.45	1.25	.68	.01			2.23	
GLENN DALE BELL STN	7.64			.85			.05	.13	.21	.39	1.35	.84				.77	
LAUREL 3 W	9.25		.78	.08				.21	.51	.88	.84	.70				2.97	
NATIONAL ARBORETUM D C	7.45			.85				.08	.22	.30	1.70	.79				.03	
UPPER MARLBORO 3 NNW	9.45			.98				.11	.22	1.60	1.78	.92				.04	
NORTHERN EASTERN SHORE 05																	
CENTREVILLE	8.43			.55					.07	.16	1.03	1.63	.60				.64
CHESTERTOWN	8.09		.14	.60					.15	.18	.95	1.24	.58				1.13
MILLINGTON 2 WNW	M																
NORTHERN CENTRAL 06																	
ABERDEEN PHILLIPS FLD	8.48				.89				.12	.38		2.46				.65	
BALTIMORE WSO CI	7.30		.60	.45					.29	.17	.87	1.00	.24			1.83	
BENSON POLICE BARRACKS	9.26		T	1.33					.11	.64	.34	1.59	.20			.85	
BOYDS 2 NW	6.75			.86					.20	.60	.25	1.70	.17			1.61	
BRIGHTON DAM	8.10		.90	.18				.03	.03	.50	1.20	.75	.30			T	
CATOCTIN MOUNTAIN PARK	9.17		.01	1.63					.11	.62	.55	1.74	.15			1.48	
CLARKSVILLE 3 NNE	8.13		.06	.92			T	.09	.42	.39	1.52	.40				2.09	
CONOWINGO DAM	9.65		.51	.30				.57	.50	.53	1.52	.21				2.61	
DAMASCUS 2 SW	7.88		.10	.71				.21	.59	.34	1.56	.20				2.00	
EMMITSBURG 2 SE	9.00			1.18		.01	T	.12	.85	.57	2.08	.07				1.88	
FREDRICK POLICE BRKS	7.66		T	1.20				.20	.51	.46	1.57	.27				1.62	
FREDERICK 3 E	9.53			.86					.05	1.54	.43	2.68	.12	T		.25	
PARKTON 2 SW	8.91		.83	.14					.30	.23	.80	.94	.18			2.98	
POTOMAC FILTER PLANT	7.69		.56	.08				.06	.36	.60	1.00	.83	.21			2.25	
TOWSON	7.91			.20				.01	.04	.70	.40	1.92	.29			.20	
UNIONVILLE	7.15			.54				T	.18	.35	.49	1.79	.12			2.05	
WESTMINSTER POLICE BRK	7.72		T	.63					.19	.57	.23	1.71	.16			2.08	
WOODSTOCK	7.84		.02	1.13					.12	.50	.37	1.40	.26			1.91	

SEE REFERENCE NOTES FOLLOWING STATION INDEX
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DAILY PRECIPITATION (CONT)

MARYLAND AND
DELAWARE
APRIL 1983

STATION	DAY OF MONTH															
	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
MARYLAND																
SOUTHERN EASTERN SHORE 01																
ASSATEAGUE STATE PARK	2.00	.03	.08	.56	.03				1.45	.10	.05					
PRINCESS ANNE	1.54		.05	.15					1.01	.08	.04					
SALISBURY	1.57		.08	.22					.90	.15	.04					
SALISBURY FAA AP	2.05	.04	.08	.24	T			.22	.88	.25	T					
SNOW HILL 4 N	2.70		.02	.39	T			T	1.59	.12	.03					
CENTRAL EASTERN SHORE 02																
CAMBRIDGE WTR TRMT PL	2.24		.04						1.27	.40	.05					
DENTON 2 E	3.07		.06	.03	.03				1.10	.32	.07					
ROYAL OAK 2 SSW	2.36	.02	.09	T				T	1.27	.44	.09					
VIENNA	1.94		.03	.35					1.20	.24	.05					
LOWER SOUTHERN 03																
LA PLATA 1 W	.95	T			T				.03	1.43	.23	.02	T			
MECHANICSVILLE 1 SE	.90		.05					1.30	.30	.15	T					
OWINGS FERRY LANDING																
PATUXENT RIVER	.45	.04	.03	.04					.35	1.44	.16					
SOLOMONS	*	*	2.62		*	.03		*	*	1.20	.04					
UPPER SOUTHERN 04																
ANNAPOLIS POLICE BRKS	1.12	T	.03							1.26	.35	.05				
BALTIMORE WSO AP	.01	.05		T	.01			.28	1.08	.06						
BELTSVILLE	2.13		.06						1.06	.34	.05					
COLLEGE PARK	2.03		.05		T				1.01	.46	.04					
DALECARLIA RESVR D C	.34	.08							1.83	.20						
GLENN DALE BELL STN	1.25		.06		T				1.36	.35	.03					
LAUREL 3 W		.04						.71	1.34	.19						
NATIONAL ARBORETUM D C	2.01		.03						.95	.46	.03					
UPPER MARLBORO 3 NNW	2.20		.11						1.00	.43	.06					
NORTHERN EASTERN SHORE 05																
CENTREVILLE	1.65								.90	1.20						
CHESTERTOWN	.93	.04		T	.01				1.60	.39	T					
MILLINGTON 2 WNW								.15								
NORTHERN CENTRAL 06																
ABERDEEN PHILLIPS FLD			1.83	T	.04					2.07	.04	T				
BALTIMORE WSO CI		.04								.14						
BENSON POLICE BARRACKS	1.94		.02		.08			.33	1.34	.51	.05					
BOYDS 2 NW		.26							1.60	.20						
BRIGHTON DAM	.10			T	T				.87	.07						
CATOCTIN MOUNTAIN PARK	.10	.03	.03		.02			.35	1.27	.07						
CLARKSVILLE 3 NNE	.52	.04	.08	T	T			T	2.04	.62	.04					
CONOWINGO DAM	.57			T	.14				1.30	.28	.02					
DAMASCUS 2 SW	.08	.07		T	T			.15	1.71	.29	.04					
EMMITTSBURG 2 SE	.25	T			.01			T	1.61	.37	.01			T		
FREDRICK POLICE BRKS	.18	T	.03					T	1.57	.42						
FREDRICK 3 E	1.79								1.28	.34						
PARKTON 2 SW	.27	.02		T	.21			.23	1.02	.79	T			T		
POTOMAC FILTER PLANT		.08						.38	1.56	.22						
TOWSON	.77		.05	T	.05				1.20	.08						
UNIONVILLE		T			T			T	1.85	.40	.03					
WESTMINSTER POLICE BRK	.35		.05		.10				.84	.79					T	
WOODSTOCK	.53	.05	.03		.04				1.44	.16	.05					
									1.28	.18	.02					

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION (INCHES)

MARYLAND AND
DELAWARE
APRIL 1983

STATION	TOTAL	DAY OF MONTH														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
APPALACHIAN MOUNTAIN 07																
CUMBERLAND 2	4.37	.08		.59				.10	.47	.48	.55	.02	T			.40
EDGEMONT	8.38			.92	.03			T	.39	.56	1.85	.22				.32
FROSTBURG 2	6.60	.08		.78	.07	.01	T	.11	.46	.63	.64	.10	.09			.53
HAGERSTOWN	8.22		T	1.31			T	.22	.70	.15	1.00	1.21				1.23
HANCOCK FRUIT LAB	5.97		T	1.42			.03	.26	.58	.23	.41	.09				.61
ALLEGHENY PLATEAU 08																
MC HENRY 2 NW	5.38	T		.25	.10	T		.25	.17	.49	.60	.03	.22			.97
MERRILL	3.80		.16	.14				.16	.35	.29	.35	.10				.40
OAKLAND 1 SE	4.69			.27	.06		.25	.08	.34	.11	.50	.02	.06			.80
SAVAGE RIVER DAM	5.54	.03		.53	.02	T	T	.28	.37	.46	.57	T	.10			.61
DELAWARE																
NORTHERN MIDDLETOWN 1 WSW 01	6.86			.65				.06	.21	T	1.83	.15				.15
NEWARK UNIVERSITY FARM	6.71			.61				.20	.41	.13	1.53				1.56	.37
WILMINGTON WSO AP	6.80		.18	.48				.20	.40	.31	1.46	.03				1.24
WILMINGTON PORTER RESVR	8.10		.22	.82				.18	.26	.37	1.56	.04				1.35
SOUTHERN BRIDGEVILLE 1 NW 02	6.51	.04		.60			T	.13	.13	.16	1.10	.65				T
DOVER	8.13			1.11				.05	.07	.34	1.91	.46			T	
GEORGETOWN 5 SW	5.92	.06		1.00					.23	.09	1.11	.53				
LEWES	8.71	.10	1.20					.13	.05	.34	1.48	.50				
MILFORD 2 WSW	7.07			.78				.14	.10	.62	1.27	.56				

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION (CONT)

MARYLAND AND
DELAWARE
APRIL 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 FROSTBURG 2 HAGERSTOWN HANCOCK FRUIT LAB 07	.10 1.28 .16 .10	T T	T T .05	.01 T	T T .02	T T			1.05 1.36 1.52 1.67 2.21	.43 1.43 1.11 .55 .06	T T T	T		.01 .08	.10 .02 .22 .07	
ALLEGHENY PLATEAU MC HENRY 2 NW MERRILL OAKLAND 1 SE SAVAGE RIVER DAM 08	T T .02	.03 .05	.10 T	.02 T	.07 .01 .02				.99 1.32 1.73	.78 .30 .61	2.05			.06	.28 .20 .04 .19	
DELAWARE																
NORTHERN MIDDLETOWN 1 WSW NEWARK UNIVERSITY FARM WILMINGTON WSO AP WILMGTN PORTER RESVR 01	1.95 1.90 .89 .95	T	.03	.01	.06 .01				1.68 .10 1.50	.08 .15 .20						
SOUTHERN BRIDGEVILLE 1 NW DOVER GEORGETOWN 5 SW LEWES MILFORD 2 WSW 02	1.63 1.91 1.36 2.85 1.50		.05 .02 .06 .02 .02	.16 .19 .25 .52 .24	.11 .09 .08 .18 .23				1.49 .96 .78 1.23 .69	.19 .97 .32 .10 .86	.07 .05 .05 .01 .06					

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES (°F)

MARYLAND AND
DELAWARE
APRIL 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	60	54	56	63	57	55	54	60	56	56	58	62	57	60	60	57	60	55	45	50	55	68	65	58	56	67	80	74	71	62			59.7		
	MIN	29	37	46	48	43	45	47	49	46	45	43	40	36	41	47	41	36	35	34	36	36	41	44	48	34	41	50	52	55	54			42.6		
PRINCESS ANNE	MAX	57	59	65	66	60	56	59	72	69	64	56	60	63	62	69	63	57	55	47	49	58	66	78	71	61	67	80	84	83	79			64.5		
	MIN	33	28	48	48	36	41	49	54	46	44	40	40	30	31	53	42	29	35	32	22	26	29	36	50	40	39	43	50	58	59			40.4		
	OBS			25																																
SALISBURY	MAX	59	57	66	64	59	56	58	72	69	62	57	60	62	61	69	62	57	55	46	49	57	66	67	71	62	67	80	87	84	80			64.0		
	MIN	33	33	50	50	41	46	48	54	46	42	43	40	37	37	55	45	34	36	34	37	35	35	42	50	43	43	49	52	62	62			43.8		
	OBS																																			
SALISBURY FAA AP	MAX	57	57	65	59	58	53	58	72	61	62	55	59	58	59	68	56	57	48	43	49	58	66	70	71	51	67	79	85	80	75			61.9		
	MIN	34	31	52	46	39	46	50	54	47	43	45	40	38	37	54	40	36	35	33	36	29	32	40	46	42	43	49	55	60	63			43.2		
SNOW HILL 4 N	MAX	57	60	66	62	61	57	58	72	68	60	56	61	59	60	67	61	59	56	46	49	59	67	69	69	59	67	81	87	81	76			63.7		
	MIN	32	30	48	48	36	43	49	53	47	45	41	36	32	36	53	44	31	34	32	39	30	32	39	49	41	41	48	54	61	55			41.8		
CENTRAL EASTERN SHORE																																				
CAMBRIDGE WTR TRMT PL 02	MAX	57	56	62	60	60	59	60	66	65	53	58	60	61	64	67	61	59	59	49	50	60	65	69	69	60	68	82	85	82	78			63.5		
	MIN	36	35	33	48	42	47	49	54	49	44	43	45	43	40	51	45	41	37	37	36	36	35	44	49	41	42	50	50	57	58			43.9		
	OBS			32																																
DENTON 2 E	MAX	59	58	66	64	59	55	59	68	64		58	58	60	65	70	62	58	50	46	52	60	67	71	68	61	69	81	86	84	78			64.0		
	MIN	30	30	31	47	39	46	48	55	45	44	40	40	33	39	51	41	33	35	34	32	33	35	38	48	40	41	48	50	57	48			41.0		
ROYAL OAK 2 SSW	MAX	59	57	65	61	58	56	58	65	63	53	56	60	59	63	66	59	57	49	45	51	59	67	67	60	54	70	81	84	78	75			61.8		
	MIN	36	34	47	47	42	48	50	54	47	45	42	44	37	41	54	45	40	36	36	35	40	37	44	48	41	42	50	50	57	62			44.4		
VIENNA	MAX	58	57	64	61	60	60	60	68	67	55	57	62	63	65	68	65	60	59	47	50	59	68	68	69	51	70	82	85	83	78			64.0		
	OBS				** * *									** * *	** * *																					
	MIN	34	33	51	49	42	42	49	55	48	45	43	41	36	38	55	50	37	46	35	37	37	36	45	50	41	42	43	54	54	61			44.3		
	OBS				** * *									** * *	** * *																					
LOWER SOUTHERN																																				
LA PLATA 1 W 03	MAX	60	56	67	63	58	56	57	64	63	57	56	62	64	64	67	55	62	51	46	51	63	69	66	53	55	73	85	89	82	80			63.1		
	MIN	27	34	46	41	38	46	45	52	56	48	45	42	38	36	40	51	44	30	31	35	38	29	33	41	48	41	43	43	49	56	64			42.2	
MECHANICSVILLE 1 SE	MAX	56	58	66	65	60	58	58	66	65	65	58	62	62	64	60	66	64	60	47	50	62	68	64	58	54	71	82	87	84	78			63.9		
	MIN	36	40	45	45	48	40	40	55	47	42	40	40	35	38	40	40	34	30	32	33	32	48	44	45	46	40	50	45	58	60			42.3		
OWINGS FERRY LANDING	MAX																																			
	MIN																																			
PATUXENT RIVER	MAX	58	54	70	63	60	53	54	66	57	55	61	60	60	61	64	56	58	51	48	53	63	69	65	58	56	71	85	88	84	79			62.7		
	MIN	34	36	48	47	41	42	51	51	45	44	45	40	42	46	48	45	39	36	36	39	37	41	44	45	42	45	52	55	62	61			44.6		
SOLOMONS	MAX	60			67	62																														
	MIN	33			40				47					42	40		40	45	44			34	35			40	41	47	53	59						
UPPER SOUTHERN																																				
ANNAPOLIS POLICE BRKS 04	MAX	60	60	65	63	62	57	56	59	59	54	58	67	59	61	62	56	57	50	48	53	63	68	66	59	55	73	82	85	79	76			62.4		
	MIN	33	35	44	46	46	47	49	51	47	44	44	41	38	44	52	45	36	34	36	35	38	37	41	49	41	42	50	52	62	62			44.0		
	OBS			35																																
BALTIMORE WSO AP	MAX	59	56	65	59	59	53	56	59	57	55	56	59	58	62	62	54	56	50	44	52	61	67	69	53	51	71	81	87	81	80			61.1		
	MIN	29	34	48	43	44	46	49	53	43	43	42	39	34	40	50	41	32	33	35	34	32	36	39	43	41	44	50	51	61	63			42.4		
BELTSVILLE	MAX	48	59	55	64	59	59	53	57	61	53	57	55	58	61	62	60	53	57	49	44	51	61	67	68	52	50	70	82	87	84			59.9		
	MIN	29	31	44	44	42	43	49	51	50	42	43	40	32	35	48	43	28	33	34	32	21	33	35	48	40	42	43	45	53	64			40.6		
COLLEGE PARK	MAX	49	61	59	64	60	61	53	58	61	53	58	56	60	62	63	61	54	59	50	46	54	63	68	70	52	53	73	84	90	84			61.3		
	MIN	31	34	45	46	46	46	50	53	51	43	44	43	34	39	54	44	31	34	34	35	39	34	37	49	41	44	46	49	55	66			43.2		
DALECARLIA RESVR D C	MAX	60	56	65	60	61	58	58	65	64	63	59	62	62	65	60	54	59	50	47	52	63	69	68	63	52	72	84	89	89	82			63.7		
	MIN	30	33	54	43	43	44	50	55	45	43	43	43	34	43	51	43	30	33	32	35	31	35	38	48	41	43	47	47	54	64			42.5		

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES (°F)

MARYLAND AND
DELAWARE
APRIL 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			
GLENN DALE BELL STN	MAX MIN	60 25	59 30	61 44	62 40	59 40	57 41	56 49	61 53	62 48	57 43	56 42	60 38	62 31	64 35	64 51	51 44	59 35	50 31	47 34	53 34	64 30	69 32	70 33	62 48	52 36	71 42	81 43	89 41	88 55	84 48	63.0 39.9		
LAUREL 3 W	MAX OBS MIN OBS	60 34	59 35	61 48	62 46	59 46	57 47	56 48	60 53	57 42	56 42	55 43	56 37	66 43	62 48	59 51	55 41	58 35	59 30	44 35	56 32	58 35	68 41	65 42	55 45	50 40	70 42	82 43	88 57	83 63	75 52	61.5 43.2		
NATIONAL ARBORETUM D C	MAX MIN	40 30	60 37	55 43	60 46	60 44	60 40	51 46	53 47	63 52	54 43	60 43	55 43	60 37	62 38	65 45	62 44	55 31	58 35	50 35	46 33	52 34	63 38	69 38	68 47	53 41	53 41	73 45	83 49	88 51	83 61	60.5 41.9		
UPPER MARLBORO 3 NNW	MAX MIN	47 27	60 30	55 37	65 45	61 42	60 44	52 49	57 51	63 51	53 44	57 44	56 42	60 33	60 38	63 49	65 44	55 30	58 33	49 35	45 36	52 33	63 33	69 36	70 47	53 41	51 42	72 48	84 47	89 54	82 65	60.9 41.7		
NORTHERN EASTERN SHORE 05																																		
CENTREVILLE	MAX MIN	50 37	69 35	59 40	63 32	60 41	57 43	60 45	67 55	62 44	53 43	57 41	62 41	63 44	65 34	69 50	57 43	60 36	55 39	44 37	54 33	63 35	65 37	72 33	64 40	54 43	70 40	82 41	88 50	84 59	78 62	63.5 41.7		
CHESTERTOWN	MAX MIN	59 32	56 33	66 47	59 47	59 43	56 45	59 49	64 55	58 43	51 43	54 45	59 42	61 35	60 38	69 51	55 40	58 36	50 36	43 36	51 34	61 37	68 40	71 40	57 46	49 40	70 43	81 49	87 51	83 60	78 63	61.7 43.3		
MILLINGTON 2 WNW	MAX MIN																																	
NORTHERN CENTRAL 06																																		
ABERDEEN PHILLIPS FLD	MAX MIN	59 31	59 39	64 46	63 48	62 41	60 43	55 47	58 50	58 50	51 41	54 43	58 39	59 36	58 39	67 44	56 42	54 36	50 34	49 34	49 33	62 35	66 33	68 43	66 48	54 40	68 41	78 50	86 49	86 55	80 64	61.9 42.5		
BALTIMORE WSO CI	MAX MIN	60 38	56 46	65 49	62 49	62 50	54 51	57 49	61 54	57 43	56 44	56 45	60 43	59 43	62 45	62 52	55 43	57 38	51 35	43 35	52 32	63 39	70 45	67 51	54 43	51 41	73 47	83 60	86 60	82 67	81 67	61.9 46.8		
BENSON POLICE BARRACKS	MAX MIN	60 29	60 34	66 41	60 43	64 41	63 42	55 49	59 51	59 45	55 39	55 41	59 36	60 37	61 48	51 39	56 31	54 30	50 32	49 29	47 31	50 31	62 33	66 35	70 45	65 33	69 35	78 48	88 50	88 52	80 59	62.8 39.7		
BOYDS 2 NW	MAX MIN	57 31	56 41	62 42	56 42	60 40	58 46	55 48	60 53	57 46	57 40	57 41	60 38	61 36	57 39	52 49	55 39	47 32	47 31	45 29	49 31	60 33	67 35	68 44	57 45	49 39	70 41	80 53	85 55	80 58	77 60	60.4 42.3		
CATOCTIN MOUNTAIN PARK	MAX MIN	55 32	54 38	55 39	50 37	59 37	59 45	55 46	54 50	53 44	54 36	52 38	52 35	52 34	50 32	49 45	49 36	47 28	44 29	39 24	44 24	39 34	57 42	63 48	65 48	53 42	46 38	67 35	78 53	85 61	80 62	76 59	56.8 40.1	
CLARKSVILLE 3 NNE	MAX MIN	59 26	58 30	63 43	58 39	62 41	58 42	55 49	60 53	60 44	56 41	55 43	58 40	59 28	62 36	58 51	53 41	57 28	49 29	44 30	51 33	61 33	68 30	70 33	57 43	50 40	70 44	80 44	86 44	83 51	79 51	61.3 39.0		
CONOWINGO DAM	MAX MIN	58 25	55 32	65 46	58 41	64 41	62 42	55 49	58 52	57 51	51 41	53 40	57 38	58 32	64 37	54 50	56 40	50 38	50 32	42 33	51 32	61 31	66 33	72 38	54 45	49 39	66 41	80 42	82 48	80 51	76 61	60.4 40.7		
DAMASCUS 2 SW	MAX MIN	57 30	53 40	62 40	56 41	60 40	57 44	54 47	59 53	58 42	58 40	52 41	57 37	58 33	60 37	55 48	52 41	47 37	47 31	42 29	48 30	59 31	66 33	67 45	55 43	47 38	69 41	79 42	86 48	80 51	79 61	59.5 41.8		
EMMITSBURG 2 SE	MAX MIN	60 31	58 36	60 43	57 43	62 39	62 44	55 48	56 53	57 46	57 40	57 44	58 37	58 30	59 40	52 28	52 41	48 30	48 28	32 30	48 31	59 35	68 36	67 33	59 46	49 40	71 42	76 45	85 46	84 58	77 58	60.6 40.8		
FREDRICK POLICE BRKS	MAX MIN OBS	59 33	58 41	62 43	57 44	63 43	62 46	56 49	57 54	57 46	59 45	56 44	59 40	61 37	62 42	59 50	54 42	54 32	50 32	48 31	48 28	61 34	69 41	69 42	60 43	50 35	71 43	78 53	87 51	87 63	80 61	61.8 42.9		
PARKTON 2 SW	MAX MIN	57 27	53 30	63 43	63 38	61 37	58 42	53 46	57 52	55 40	49 39	54 40	58 34	58 30	55 34	49 47	52 32	55 28	49 30	49 31	60 30	60 30	66 34	69 38	50 39	47 37	68 37	76 46	85 50	79 54	78 62	59.2 38.6		
TOWSON	MAX MIN OBS	58 27	58 25	63 25	59 39	60 42	58 45	54 46	59 51	59 44	58 39	56 39	58 35	56 34	60 38	50 50	54 41	56 32	49 31	44 29	50 26	60 26	68 40	69 43	65 40	52 34	68 37	79 53	85 58	84 60	78 58	61.1 40.0		
UNIONVILLE	MAX MIN OBS	59 26	55 30	62 41	58 41	62 31	61 41	56 49	58 53	58 42	54 40	53 43	58 33	60 28	61 38	56 49	52 41	54 25	48 32	42 30	50 32	60 29	66 31	69 33	55 45	48 39	70 39	79 42	85 42	84 50	79 57	60.4 38.3		
WESTMINSTER POLICE BRK	MAX MIN	56 32	57 39	62 40	56 42	60 40	61 45	56 45	58 51	57 46	51 40	53 42	56 37	59 35	58 38	50 31	51 31	50 31	44 29	47 21	57 34	64 44	70 45	60 45	47 47	68 38	75 48	86 63	86 65	80 62	59.8 42.1			
WOODSTOCK	MAX MIN	59 28	56 33	64 42	61 40	62 41	58 44	54 48	59 53	58 45	54 41	55 43	59 38	60 30	62 40	58 49	54 41	56 31	50 31	46 32	51 31	62 33	69 35	71 37	60 48	49 39	70 40	80 46	88 48	84 56	80 64	61.6 40.9		

SEE REFERENCE NOTES FOLLOWING STATION INDEX
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DAILY TEMPERATURES (°F)

MARYLAND AND
DELAWARE
APRIL 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	63	57	59	53	65	63	60	58	57	63	60	59	62	60	60	53	49	47	44	49	61	71	72	56	53	75	86	90	86	83				
	MIN	35	44	44	40	40	51	51	48	42	43	42	31	36	47	36	26	33	29	31	34	44	41	45	39	38	42	48	48	59	59				
FROSTBURG 2	MAX	33	51	47	50	40	57	49	57	54	45	54	44	49	55	54	51	45	42	37	34	40	52	60	65	44	46	65	77	82	67				
	MIN	27	31	37	35	32	35	45	45	45	37	36	35	32	32	36	29	24	24	20	21	23	31	40	42	31	30	34	42	46	55				
HAGERSTOWN	MAX	58	54	55	55	62	60	57	57	54	57	55	57	53	60	58	51	50	49	45	43	60	67	69	55	48	71	80	87	85	78				
	MIN	33	38	40	43	38	48	50	53	46	44	42	36	36	42	49	37	30	33	27	32	36	44	43	45	46	39	52	55	63	59				
HANCOCK FRUIT LAB	MAX	59	58	53	57	65	64	57	55	57	60	58	54	59	61	60	61	59	52	44	49	59	65	70	59	57	72	84	87	87	82				
	MIN	30	38	40	41	36	42	50	52	46	41	45	35	28	42	43	38	24	29	28	34	39	39	34	48	41	36	45	45	63	57				
ALLEGHENY PLATEAU 08																																			
MC HENRY 2 NW	MAX	42	52	50	46	40	56	52	63	58	53	54	51	49	53	53	50	43	38	35	30	40	52	61	63	42	47	65	78	81	72				
	MIN	20	30	36	32	30	40	40	50	45	36	33	31	32	37	43	27	26	22	19	18	22	28	40	41	27	26	34	52	51	53				
OAKLAND 1 SE	MAX	54	53	48	45	55	54	55	63	56	55	49	51	55	55	54	44	46	36	33	41	53	60	62	48	49	66	77	80	77	75				
	OBS																																		
	MIN	30	40	36	33	34	47	42	51	42	38	33	34	29	44	41	29	20	24	20	23	30	38	28	39	29	35	43	38	55	51				
	OBS																																		
SAVAGE RIVER DAM	MAX	38	56	52	52	44	60	50	59	56	48	57	44	52	56	56	53	47	42	39	35	44	55	63	63	47	50	68	78	83	68				
	MIN	30	35	41	38	35	37	46	47	47	39	39	37	30	39	43	33	25	29	25	26	29	37	28	32	34	34	42	44	47	53				
DELAWARE																																			
NORTHERN 01																																			
MIDDLETOWN 1 WSW	MAX	59	70	67	63	63	59	58	61	59	51	54	58	60	58	69	56	57	53	48	50	59	66	72	63	56	67	78	86	87	78				
	OBS																																		
	MIN	31	33	38	29	41	43	48	52	49	42	40	40	34	40	49	41	34	34	35	32	32	34	38	39	40	42	46	50	57	61				
	OBS																																		
NEWARK UNIVERSITY FARM	MAX	58		69	60	62	59	61	60	60	51	55	61	62	59	63	56	58	51	45	50	61	68	80	63	55	69	81	88	84	80				
	OBS	75																																	
	MIN	33	36	43	46	42	43	48	51	41	41	41	38	33	37	46	40	33	31	32	31	32	35	38	47	38	40	44	51	46	62				
WILMINGTON WSO AP	MAX	62	59	70	60	65	59	58	63	60	54	57	60	61	61	66	55	60	52	43	50	62	70	73	58	49	71	83	85	82	78				
	MIN	32	40	50	44	43	47	51	53	44	43	44	38	35	40	53	37	34	34	33	33	35	38	45	46	41	44	48	52	61	61				
WILMINGTON PORTER RESVR	MAX	58	55	66	56	60	58	58	60	56	51	52	56	54	58	65	55	55	54	47	48	59	66	66	57	49	67	77	84	80	77				
	MIN	34	43	46	45	42	46	49	54	42	40	42	40	40	40	50	38	38	33	31	31	36	43	46	43	39	39	50	52	61	63				
SOUTHERN 02																																			
BRIDGEVILLE 1 NW	MAX	58	58	65	61	60	56	60	70	67	55	57	61	60	62	70	64	58	55	47	50	60	67	70	70	62	67	79	85	80	77				
	MIN	30	28	45	43	37	45	47	53	43	42	40	36	32	36	50	41	31	32	33	31	34	32	37	47	38	39	46	48	58	60				
DOVER	MAX	60	58	68	67	60	58	52	67	63	62	56	59	60	55	69	65	57	55	49	46	56	67	67	71	59	66	79	84	84	81				
	MIN	36	32	44	47	40	46	48	52	46	47	44	41	35	40	48	42	36	34	34	32	34	37	43	47	40	39	45	54	61	63				
GEORGETOWN 5 SW	MAX	45	57	59	65	60	59	56	64	72	61	63	55	59	57	60	69	54	57	50	42	48	58	65	70	70	49	67	79	87	80				
	MIN	34	28	33	46	37	46	48	53	45	44	40	34	33	36	52	44	34	34	33	33	30	32	38	49	40	41	45	50	61	61				
LEWES	MAX	57	57	69	67	60	58	57	70	64	58	54	58	57	57	65	59	60	59	50	48	60	66	71	67	66	61	81	86	84	81				
	MIN	37	32	45	48	43	46	47	53	46	44	44	39	44	41	49	42	36	35	35	32	33	38	43	49	40	42	45	57	63	55				
MILFORD 2 WSW	MAX	58	58	68	60	62	58	60	72	62	55	57	60	58	57	72	67	58	58	48	49	60	67	71	73	70	68	80	87	81	80				
	OBS																																		
	MIN	32	29	46	46	39	45	48	48	44	44	41	37	34	39	50	42	32	33	34	32	31	34	41	41	40	40	45	52	61	62				
	OBS																																		

SEE REFERENCE NOTES FOLLOWING STATION INDEX

EVAPORATION AND WIND

MARYLAND AND
DELAWARE
APRIL 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	90	75	91	15	18	17	33	85	74	107	65	48	12	11	08	12	31	67	105	120	51	90	56	39	81	113	111	141	84	201	271	381
		EVAP	-	21	20	31	20	71	-	01	-	-	-	11	16	15	13	15	23	14	18	14	14	23	47	21	-	16	24	19	29	13				
		MAX	-	65	74	71	68	59	53	58	62	56	61	56	68	70	68	63	62	64	60	49	54	69	72	67	53	48	72	81	88	84				
		MIN	-	39	40	40	45	46	49	52	55	45	45	41	40	43	45	45	40	37	37	34	33	42	46	48	42	40	42	51	53	58				
UPPER MARLBORO 3 NNW		WIND	10	18	35	37	33	10	41	31	81	29	10	21	16	17	61	64	51	32	33	96	52	28	17	53	60	47	34	15	28	32				
		EVAP	6	14	8	15	18	7	0	-	-	-	9	13	16	16	16	-	20	9	20	12	12	20	18	8	11	10	22	21	33	24				
		MAX	47	65	51	65	67	57	51	55	59	54	58	56	67	68	68	59	65	64	58	48	53	69	72	64	52	47	72	80	85	83				
		MIN	37	37	41	47	45	46	48	50	54	44	44	41	42	44	45	45	38	38	38	37	36	39	45	47	41	41	41	52	55	58				
DELAWARE																																				
SOUTHERN 02																																				
GEORGETOWN 5 SW		WIND	84	72	123	112	71	42	40	51	47	49	65	85	68	51	00	177	173	111	99	214	118	74	62	35	107	155	85	56	128	150				
		EVAP	38	-	-	-	20	11	3	-	20	-	11	9	16	21	8	-	13	32	16	2	15	19	16	24	14	12	25	22	32	29				
		MAX	50	65	59	73	69	63	59	63	72	60	61	60	68	71	69	70	61	67	62	48	55	68	71	71	73	50	71	79	88	85				
		MIN	37	37	32	49	45	53	52	54	49	42	48	42	45	45	58	52	40	38	39	36	37	42	41	48	43	43	44	54	58	61				

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
APRIL 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																															
SOUTHERN EASTERN SHORE 01																															
SALISBURY FAA AP																			T	T	T										
SNOW HILL 4 N																															
LOWER SOUTHERN LA PLATA 1 W 03																															
UPPER SOUTHERN BALTIMORE WSO AP 04																															
COLLEGE PARK																															
GLENN DALE BELL STN																															
NORTHERN EASTERN SHORE 05																															
CHESTERTOWN																															
NORTHERN CENTRAL CATOCTIN MOUNTAIN PARK 06																															
DAMASCUS 2 SW																															
EMMITSBURG 2 SE																															
PARKTON 2 SW 11																															
UNIONVILLE																															
WOODSTOCK																															
APPALACHIAN MOUNTAIN 07																															
FROSTBURG 2																															
HANCOCK FRUIT LAB																															
ALLEGHENY PLATEAU 08																															
MC HENRY 2 NW																															
OAKLAND 1 SE																															

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

SNOWFALL AND SNOW ON GROUND (INCHES)

MARYLAND AND
DELAWARE
APRIL 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	
SAVAGE RIVER DAM	SNOWFALL SN ON GND	T T										T T							T T	T T	T T												
DELAWARE NORTHERN 01	SNOWFALL SN ON GND WTR EQUIV																				.4 T	.1 T											
WILMINGTON HSO AP	SNOWFALL SN ON GND																				.5 T	T T											
WILMINGTON PORTER RESVR	SNOWFALL SN ON GND																																
SOUTHERN 02	SNOWFALL SN ON GND																																
BRIDGEVILLE 1 NW	SNOWFALL SN ON GND																																
MILFORD 2 WSW	SNOWFALL SN ON GND																				T	1.0											

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
APRIL 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	033901		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	NATL WEATHER SERVICE
BALTIMORE WSO CI	047006	R	BALTO CITY	39 17	76 37W	91	MID	MID			C	OCHI COMMANDING OFFICER
BELTSVILLE	070004		PRN GEORGES	39 2	76 53W	120		8			C	U S DEPT OF AGRICULTURE
BENSON POLICE BARRACKS	073306		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	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				UNIVERSITY OF MARYLAND
COLLEGE PARK	199504		PRN GEORGES	38 59	76 57W	90	9	9			C	UNIVERSITY OF MARYLAND
CONOWINGO DAM	206006		HARFORD	39 39	76 10W	40	MID	MID			H	SUSQUEHANNA ELECTRIC CO
CRISFIELD SOMERS COVE	221501		SOMERSET	37 59	75 52W	8	17	17				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
FREDERICK POLICE BRKS	334806		FREDERICK	39 25	77 26W	380	17	17			H	MARYLAND STATE POLICE
FREDERICK 3 E	335504		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	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	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		BALVERT	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	JOHN R FOX
PATUXENT RIVER	691503		ST MARY'S	38 20	76 25W	38	MID	MID			C	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	U S CORPS OF ENGINEERS
SNOW HILL 4 N	838001		WORCESTER	38 14	75 23W	28	18	18			H	CURTIS E SHOCKLEY
SOLOMONS	840503		BALVERT	38 19	76 27W	12	8	8				CHESAPEAKE BIOL LAB
TOWSON	887706		BALTIMORE	39 23	76 34W	390	18	18				BENDIX FRIEZ
UNIONVILLE	903006		FREDERICK	39 27	77 11W	430	18	18			C	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
APRIL 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 58 W	765	17	17			MARYLAND STATE POLICE	
WOODSTOCK	9750	06	BALTIMORE	39 20	76 52 W	460	18	18		H	JOHN A HILTZ	
DELAWARE												
BRIDGEVILLE 1 NW	1330	02	SUSSEX	38 45	75 37 W	50	17	17		H	WILLIAM M RAY	
DOVER	2730	02	KENT	39 9	75 31 W	30	17	17		H	STATE DIV OF HIGHWAYS	
GEORGETOWN 5 SW	3570	02	SUSSEX	38 38	75 27 W	45	8	8	8	C	UNIV OF DEL SUBSTATION	
LEWES	5320	02	SUSSEX	38 46	75 8 W	15	17	17		H	BOARD OF PUBLIC WORKS	
MIDDLETOWN 1 WSW	5855	01	NEW CASTLE	39 26	75 45 W	60	16	16		H	PIONEER HIBBRO CORN CO	
MILFORD 2 WSW	5915	02	SUSSEX	38 54	75 28 W	30	17	17		H	MRS BERNARD FRANKEL	
NEWARK UNIVERSITY FARM	6410	01	NEW CASTLE	39 40	75 44 W	90	17	17	17	C	H	UNIV OF DELAWARE
WILMINGTON WSO AP	R 9595	01	NEW CASTLE	39 40	75 36 W	79	MID	MID		C	H J	NATL WEATHER SERVICE
WILMINGTON PORTER RESVR	9605	01	NEW CASTLE	39 46	75 32 W	274	MID	MID		H	H	WATER DEPARTMENT

SEE REFERENCE NOTES FOLLOWING STATION INDEX

REFERENCE NOTES

MARYLAND AND
DELAWARE
APRIL 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).

V 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)

M Insufficient or partial data. M is appended to average and/or total values computed with 1-9 daily values missing. (1-7 missing values for Wind and Evaporation). M appears alone if 10 or more daily values are missing, (8 or more for Wind and Evaporation).

LETTERS AND SYMBOLS USED IN THE STATION INDEX TABLE

R Amounts from recording gage.

T Trace. An amount too small to measure.

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.

\$3 Maximum and minimum temperatures are the highest and lowest readings for the calendar day taken from hourly observations.

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 - A P R I L 1 9 8 3

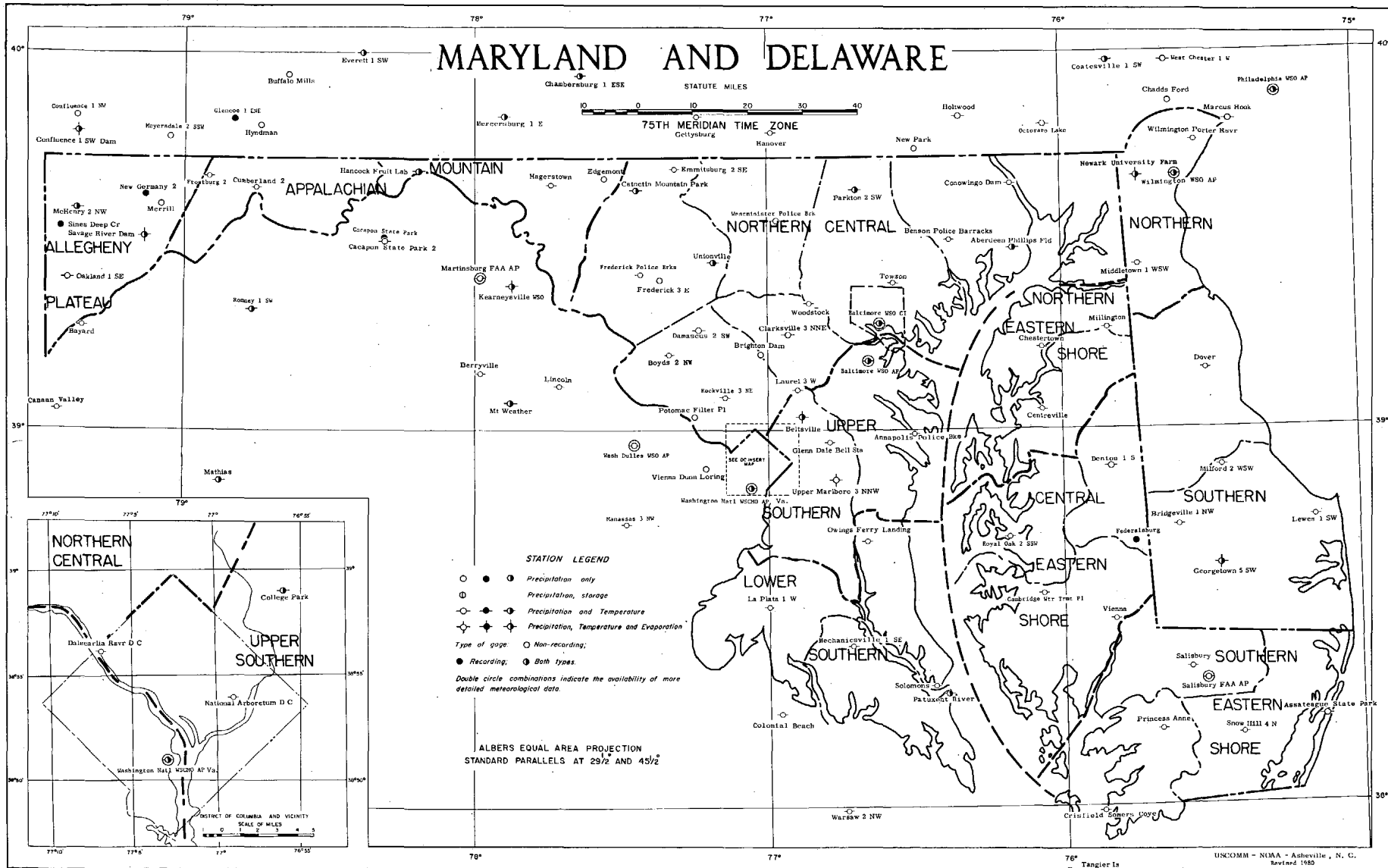
SPECIAL WEATHER SUMMARY

W. J. Moyer
State Climatologist of Maryland
University of Maryland
Department of Agronomy
College Park, MD 20742

The month was cool, very cloudy and very wet. It was the wettest April for Maryland and Delaware based on a record dating from 1895. Stations reported record or near record precipitation totals for the second consecutive month, with a more frequent occurrence in April.

Monthly precipitation totals ranged from less than 6 inches in parts of western Maryland and in southern Eastern Shore to 9 inches and over in parts of Frederick, Carroll, Baltimore, Harford, Prince George's, Caroline and Talbot Counties. Unofficial totals over 10 inches were reported, especially in the Frederick County area. In Delaware, totals ranged from less than 6 inches to near 9 inches. The greatest official total was 9.45 inches at Upper Marlboro, Prince George's County. Maryland's state April average was 7.51 inches (normal 3.44 inches), previous record 6.72 inches in 1952. It should be noted that in 1952 totals over 10 inches were recorded, such as 10.53 inches at Frederick Airport and 10.17 inches at Unionville. Delaware's state average was 7.34 inches (normal 3.36 inches), previous record 6.74 inches in 1929. The two-month totals, March and April, were record or near record for many stations east of the Maryland mountains and in Delaware. Many totals of 15 inches were recorded; Bel Air reported as much as 17.24 inches (normal 8.04 inches). The 30-day period, from March 18th thru April 16th, was extremely wet with some totals exceeding 12 inches. Bel Air recorded 12.58 inches, an exceptional total for such a period. As would be expected, both streamflow and ground water increased sharply. Snowfall, up to 1 and 2 inches was reported in northern Maryland east of the mountains on the 20th, and up to near 4 inches in western Maryland.

Monthly temperatures, not as cool as in 1982, ranged mostly between 1 and 3 degrees below normal. Maryland's state average was 51.8° (normal 53.6°), last year 50.9°. Delaware's state average was 52.8° (normal 53.7°), last year 51.6°. The highest temperatures reached mostly into the upper 80's to around 90 while the lowest were in the 20's and low 30's. During the 10-day period, from the 16th thru the 25th, daily temperatures at the National Weather Service Office, Baltimore Airport, averaged 9° below normal. The last four days of the month were very warm, averaging 11° above normal at Baltimore Airport and 13° above normal at Wilmington Airport.



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