

CLIMATOLOGICAL DATA

MARYLAND AND DELAWARE

MARCH 1983

VOLUME 87 NUMBER 3



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28801

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TEMPERATURE AND PRECIPITATION EXTREMES

MARYLAND AND
DELAWARE
MARCH 1983

MARYLAND
HIGHEST TEMPERATURE 82
LOWEST TEMPERATURE 10
GREATEST TOTAL PRECIPITATION 9.76
LEAST TOTAL PRECIPITATION 2.72
GREATEST 1 DAY PRECIPITATION 2.54
GREATEST TOTAL SNOWFALL 7.9
GREATEST DEPTH OF SNOW OR ICE 3

DELAWARE
HIGHEST TEMPERATURE 77
LOWEST TEMPERATURE 20
GREATEST TOTAL PRECIPITATION 8.04
LEAST TOTAL PRECIPITATION 5.56
GREATEST 1 DAY PRECIPITATION 2.31
GREATEST TOTAL SNOWFALL 3

MARCH 4
MARCH 25

MARCH 21

MARCH 28

MARCH 4

MARCH 26

MARCH 21

PATUXENT RIVER
MC HENRY 2 NW
BALTIMORE WSO CI R
MERRILL
ROYAL OAK 2 SSW
FROSTBURG 2
FROSTBURG 2

2 STATIONS
2 STATIONS
MIDDLETOWN 1 WSW
BRIDGEVILLE 1 NW
WILMINGTON WSO AP R
WILMINGTON WSO AP R

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

MARYLAND AND
DELAWARE
MARCH 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	.10 OR MORE	.50 OR MORE	1.00 OR MORE
MARYLAND																								
SOUTHERN EASTERN SHORE 01																								
ASSATEAGUE STATE PARK	57.0	34.3	45.7		73	4	25	2	593	0	0	0	13	0	8.25		1.27	18	.0	.0	13	7	3	
CRISFIELD SOMERS COVE																			M	M				
PRINCESS ANNE	58.3	37.2	47.8	2.8	74	4	22	3	526	0	0	0	9	0	6.52	2.53	1.65	18	.0	.0	11	5	1	
SALISBURY	58.3	39.6	48.8	3.0	75	4	22	3	545	0	0	0	6	0	8.07	3.85	2.20	18	.0	.0	14	6	2	
SALISBURY FAA AP	57.0	39.3	47.2		75	4	22	3	545	0	0	0	6	0	7.67	3.59	2.32	18	T	T	9	7	2	
SNOW HILL 4 N	57.5	37.7	47.6	2.6	76	4	22	3	532	0	0	0	8	0	6.01	1.41	1.52	18	.0	.0	11	5	1	
--DIVISIONAL DATA-->																								
CENTRAL EASTERN SHORE 02																								
CAMBRIDGE WTR TRMT PL	57.6	39.9	48.8	4.3	79	4	29	2	494	0	0	0	5	0	6.23	2.17	2.00	21	.0	.0	11	5	1	
DENTON 2 E	56.4	37.5	47.0	2.9	77	4	29	2	552	0	0	0	8	0	6.46	2.54	1.09	21	.0	.0	11	5	2	
ROYAL DAK 2 SSW	56.2	39.4	47.8	2.6	77	4	27	3	528	0	0	0	8	0	7.46	3.39	2.54	21	T	T	11	6	2	
VIENNA	57.5	40.2	48.9	3.3	74	4	26	3	493	0	0	0	5	0	4.62	1.70	1.02	21	.0	.0	8	3	1	
--DIVISIONAL DATA-->																								
LOWER SOUTHERN 03																								
LA PLATA 1 W	57.3	38.4	47.9	2.7	81	4	21	2	523	0	0	0	6	0	4.33	.57	1.03	18	.0	.0	7	4	1	
MECHANICSVILLE 1 SE	57.6	38.0	47.8		75	5+	20	2	529	0	0	0	7	0	7.03		1.40	18	.0	.0	12	4	3	
OWINGS FERRY LANDING																			M	M				
PATUXENT RIVER	56.3	40.6	48.5		82	4	32	2	507	0	0	0	3	0	6.80		1.73	21	.0	.0	8	5	4	
SOLDMANS		37.8			74	15	29	3	530	0	0	0	4	0	5.80	2.09			.0	.0	4	3	0	
--DIVISIONAL DATA-->																								
UPPER SOUTHERN 04																								
ANNAPOLIS POLICE BRKS	56.8	39.4	48.1		78	4	28	2	517	0	0	0	6	0	8.10		2.06	27	.0	.0	9	7	3	
BALTIMORE WSD AP	53.6	37.1	45.4	2.1	77	4	25	3	602	0	0	0	6	0	6.80	3.08	1.60	18	T	T	9	5	3	
BELTSVILLE	54.4	35.8	45.1	3.2	78	5	18	2	610	0	0	0	10	0	6.07	2.58	1.13	28+	.0	.0	11	4	2	
COLLEGE PARK	55.2	37.9	46.6	2.0	79	5	22	2	564	0	0	0	5	0	5.63	1.98	1.28	28	.0	.0	9	4	2	
DALECARLIA RESVR D C	57.8	38.8	48.3	3.4	80	4	21	2	510	0	0	0	5	0	5.51	1.68	1.14	27	.0	.0	11	4	1	
GLENN DALE BELL STN	57.2	35.7	46.5	2.6	80	4	17	2	566	0	0	0	10	0	6.07	2.37	1.40	21	.0	.0	11	5	1	
LAUREL 3 W	54.2	37.4	45.8	1.6	77	4	24	2	589	0	0	0	8	0	5.31	1.65	1.60	27	.0	.0	7	4	1	
NATIONAL ARBORETUM D C	54.9	37.1	46.0	.4	79	5	24	2	581	0	0	0	8	0	4.32	.57	1.20	28	.0	.0	8	4	1	
UPPER MARLBORO 3 NNW	55.0	36.4	45.7		80	5	21	2	590	0	0	0	9	0	5.07	1.35	1.11	28	.0	.0	9	5	2	
--DIVISIONAL DATA-->																								
NORTHERN EASTERN SHORE 05																								
CENTREVILLE	57.0	38.3	47.7		78	4	25	2	529	0	0	0	6	0	7.81		1.75	21	.0	.0	12	7	2	
CHESTERTOWN	53.0	37.3	45.2	1.8	70	4	25	2	607	0	0	0	6	0	6.99	3.01	1.53	21	T	T	10	5	3	
MILLINGTON 2 WNW																			M	M				
--DIVISIONAL DATA-->																								
NORTHERN CENTRAL 06																								
ABERDEEN PHILLIPS FLD	54.2	38.4	46.3		68	16+	25	2	574	0	0	0	6	0	7.31				T	T	6	3	1	
BALTIMORE WSD CI	54.5	40.3	47.4	1.9	71	15	27	2	538	0	0	0	5	0	9.76	5.83	2.33	8	M	M	10	8	3	
BENSON POLICE BARRACKS																			M	M				
BOYDS 2 NW	54.4	36.9	45.7		75	4	21	2	592	0	0	0	5	0	5.83		2.26	8	.0	.0	11	3	1	
CATOCTIN MOUNTAIN PARK	49.2	32.9	41.1		69	4	17	2	731	0	0	0	14	0	6.03		1.75	19	1.0	2	1	8	5	2

SEE REFERENCE NOTES FOLLOWING STATION INDEX

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

MARYLAND AND
DELAWARE
MARCH 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	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	TOTAL	MAX. DEPTH ON GROUND	DATE	.10 OR MORE	.50 OR MORE	1.00 OR MORE
CLARKSVILLE 3 NNE	55.0	35.7	45.4		76	4	16	26	602	0	0	0	11	0	6.70		1	38	19	T	T		11	4	3			
CONOWINGO DAM	52.6	36.2	44.4	3.3	66	4	26	26	632	0	0	0	10	0	6.81	2.82	1	38	27	T	T		9	5	3			
DAMASCUS 2 SW	52.1	36.2	44.2		73	4	21	26	632	0	0	0	8	0	6.15		1	38	27	T	T		9	4	3			
EMMITTSBURG 2 SE	53.8	34.7	44.3		73	4	18	26	632	0	0	0	11	0	5.42		1	38	27	T	T		9	5	2			
FREDRICK POLICE BRKS	55.3	37.0	46.2		72	5	23	25	577	0	0	0	6	0	3.36		1	38	27	T	T		8	2	0			
PARKTON 2 SW	51.4	33.2	42.3		72	4	17	26	699	0	0	0	13	0	6.14		1	38	18	T	T		8	4	3			
ROCKVILLE 3 NE																												
TOWSON	57.0	33.9	45.5		72	4	15	23	598	0	0	0	6	0	7.49	3.45	1	38	19	T	T		10	6	3			
UNIONVILLE	54.6	33.8	44.2	3.3	71	4	14	26	699	0	0	0	12	0	5.15	1.77	2	38	21	T	T		9	4	1			
WESTMINSTER POLICE BRK	53.3	35.1	44.2	3.2	70	5	20	26	638	0	0	0	9	0	5.22	1.30	1	38	19	T	T		10	6	0			
WOODSTOCK	54.6	36.6	45.6		76	4	23	24	596	0	0	0	8	0	7.38	3.44	1	38	8	T	T		11	6	3			
-- DIVISIONAL DATA --			44.8	2.5										6.34	2.52													
APPALACHIAN MOUNTAIN 07																												
CUMBERLAND 2	55.5	33.6	44.6	2.5	77	4	19	25	627	0	0	0	13	0	3.22	-1.39		33	19	T	T		7	1	0			
FROSTBURG 2	45.5	28.3	36.9		67	5	13	26	862	0	0	0	19	0	4.43		1	47	19	T	T	328	10	4	1			
HAGERSTOWN	53.7	35.3	44.5	2.4	74	4	20	24	638	0	0	0	9	0	2.73	-1.65		30	37	T	T		7	2	0			
HANCOCK FRUIT LAB	55.1	33.2	44.2	4.2	78	4	14	26	637	0	0	0	14	0	3.24	-1.25	1	03	19	T	T		227	6	3			
-- DIVISIONAL DATA --			42.6	1.6										3.41	-1.25													
ALLEGHENY PLATEAU 08																												
MC HENRY 2 NW	44.5	27.7	36.1		68	5	10	25	888	0	0	0	22	0	4.20			84	19	T	T	223+	12	2	0			
OAKLAND 1 SE	49.4	27.1	38.3	1.9	72	7	13	26	821	0	0	0	24	0	2.95	-1.47		80	27	T	T	122+	7	3	0			
SAVAGE RIVER DAM	48.1	30.1	39.1	2.3	71	5	17	26	796	0	0	0	118	0	3.92	-.54	1	33	19	T	T		9	3	1			
-- DIVISIONAL DATA --			37.8	2.0										3.69	-1.52													
DELAWARE																												
NORTHERN 01																												
MIDDLETOWN 1 WSW	55.5	37.3	46.4		69	15+	21	26	571	0	0	0	8	0	8.04		2	30	21	T	T		11	6	3			
NEWARK UNIVERSITY FARM	55.2	35.4	45.3	3.2	68	4	22	23	605	0	0	0	9	0	6.73	3.07	2	03	21	T	T		8	3	1			
WILMINGTON WSO AP	54.5	37.3	45.9	4.1	71	15	20	26	587	0	0	0	5	0	6.84	2.97	2	31	21	T	T		10	5	3			
WILMGTN PORTER RESVR	51.2	36.5	43.9	2.9	65	15	23	25	648	0	0	0	7	0	7.55	3.48	1	90	21	T	T		11	5	3			
-- DIVISIONAL DATA --			45.4	3.4										7.29	3.52													
SOUTHERN 02																												
BRIDGEVILLE 1 NW	56.8	36.2	46.5	2.7	77	4	20	26	567	0	0	0	10	0	5.56	1.70		98	18	T	T		11	5	0			
DOVER	55.7	37.5	46.6	2.3	73	4	26	26	563	0	0	0	7	0	6.90	3.03	1	10	21	T	T		11	6	2			
GEORGETOWN 5 SW	54.9	37.1	46.0	2.5	75	5	21	24	583	0	0	0	9	0	7.35	3.38	1	30	28	T	T		11	7	3			
LENES																												
MILFORD 2 WSW	56.3	37.4	46.9	2.6	77	4	23	24	555	0	0	0	9	0	6.11	2.08	1	15	28	T	T		11	7	1			
-- DIVISIONAL DATA --			46.5	2.6										6.48	2.45													

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION (INCHES)

MARYLAND AND
DELAWARE
MARCH 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	8.25	.69	1.03					.18	.50	.03	.35	.08	.72			
CRISFIELD SOMERS COVE	M															
PRINCESS ANNE	6.52	.63	.37					.28	.87	.12	.23		.38			
SALISBURY	8.07	.68	.20					.25	.74	.10	.21		.47			
SALISBURY FAA AP	7.67	.81	.05			T	T	.67	.55	.13	.05	.26	.56			
SNOW HILL 4 N	6.01	.76	.31				T	.33	.70	.01	.15	T	.52			
CENTRAL EASTERN SHORE 02																
CAMBRIDGE WTR TRMT PL	6.23	.10	.75					.14	.73	.04	.15		.20			
DENTON 2 E	6.46	.49	.67					.21	.40	.04	.24		.48			
ROYAL OAK 2 SSW	7.46	.82	.53				T	.05	.50	.10	.23	T			.01	
VJENNA	4.62	.31	.10					.15	.54	.02	.08		.25			
LOWER SOUTHERN 03																
LA PLATA 1 W	4.33	.74	T					.22	.05	.22	.01	.08				.02
MECHANICSVILLE 1 SE	7.03	.90	.22					.15	.18	.40	.42	.38			.03	T
OWINGS FERRY LANDING	M															
PATUXENT RIVER	6.80	1.02	.09				T	.13	.18	.54	.09	.08	.04			T
SOLOMONS	5.80	.14	.78				*	*	.07	.64	.04	.06	.01			T
UPPER SOUTHERN 04																
ANNAPOLIS POLICE BRKS	8.10	.62	.35				T	.40	.72	.07	.02					
BALTIMORE WSO AP	R	.69	.7			T	.26	.31	1.16	.40	.12					T
BELTSVILLE	6.07	.01	.49					.42	.89	.23	.20					T
COLLEGE PARK	5.63	T	.48				T	.38	.80	.28	.19	T				T
DALECARLIA RESVR D C	5.51	.34	.15				.01	.17	.90	.27	.14	.01				T
GLENN DALE BELL STN	6.07	.42	.30				T	.20	.55	.29	.23					T
LAUREL 3 W	5.31	.47					.33	T	.70	.29	.06					
NATIONAL ARBORETUM D C	4.32		.50					.34	.51	.47	.20					
UPPER MARLBORO 3 NNW	5.07	T	.62					.30	.50	.23	.17					
NORTHERN EASTERN SHORE 05																
CENTREVILLE	7.81	.50	.50					.30	.70	.18		.42	.40			
CHESTERTOWN	6.99	.64	.05					.25	.17	.63	.29	.17	T	.48		T
MILLINGTON 2 WNW	M															
NORTHERN CENTRAL 06																
ABERDEEN PHILLIPS FLD	R	.31	.19	.37				*	.27	1.02	.17	.64		*	.06	.02
BALTIMORE WSO CI	9.76	.69						.63	.75	2.33	.78	.20				
BENSON POLICE BARRACKS	M															
BOYDS 2 NW	5.83	.36						.12	.20	2.26	.30	.30				
BRIGHTON DAM	6.80	.30	.40					.25	.40	1.22	.30	T				
CATOCTIN MOUNTAIN PARK	6.03	.01						.02	.42	.53	.43					
CLARKSVILLE 3 NNE	6.70	.30	.13						.17	1.38	.34	.28				
CONOWINGO DAM	6.81	.49	.05				T	.29	.08	.73	.53	.42				T
DAMASCUS 2 SW	6.15	.19	.09					.14	.13	2.02	.05	.35	.06	.03		
EMMITSBURG 2 SE	5.42	T						T	.45	.60	.30	.27				
FREDRICK POLICE BRKS	3.36	.05	.05					T	.33	.73	.22	.23				
FREDRICK 3 E	5.77		.15					T	.35	1.17	.53	.20	T			
PARKTON 2 SW	6.14	.23						.28	.05	1.16	.44	.09				
POTOMAC FILTER PLANT	4.01	.24						.15	.33	.92	.20	T				
ROCKVILLE 3 NE	M															
TOWSON	7.49	.28	.10						.47	2.00	.25	.55				
UNIONVILLE	5.15	.05	.06						.23	.85	.43	.33				
WESTMINSTER POLICE BRK	5.22	.03	.12					.02	.29	.65	.43	.36				
WOODSTOCK	7.38	.20	.12						.26	1.80	.55	.29				

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION (CONT)

MARYLAND AND
DELAWARE
MARCH 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			1.27	.36		1.15	.46					.15	.95			.33
CRISFIELD SOMERS COVE	-	-			-			-	-	-	-			-	-	.02
PRINCESS ANNE			1.65	.05		.53	.06					.38	.95			.02
SALISBURY			2.20	.40	T	.54	.12				.34	.90	.90			.02
SALISBURY FAA AP		T	2.32	T		.72						1.48				.07
SNOW HILL 4 N			1.52	.18	T	.34	.07					.16	.96			T
CENTRAL EASTERN SHORE 02																
CAMBRIDGE WTR TRMT PL			.30	.50		2.00						.39	.93			
DENTON 2 E			1.06	.54		1.09						.35	.89			
ROYAL OAK 2 SSW			1.16	.26		2.54						.45	.56			
VIENNA			.80	.35		1.02						.27	*	.98		
LOWER SOUTHERN 03																
LA PLATA 1 W			1.03	.24		.71						.92	.09			
MECHANICSVILLE 1 SE			1.40	.35		1.30						1.00	.30			
DWINGS FERRY LANDING					-		-	-	-	-	-			-	-	-
PATUXENT RIVER	T	T	1.40	T		1.73						1.05	.45			T
SOLOMONS			.52	*	*	2.63	.01				*	*	*	.89	.01	
UPPER SOUTHERN 04																
ANNAPOLIS POLICE BRKS			.80	1.37		1.01						2.06	.68			
BALTIMORE WSO AP		T	1.60	.09		.91	T					1.23	.03			
BELTSVILLE			.21	1.13		.80	.15					.40	1.13	.01		
COLLEGE PARK			.19	1.08	T	.90	.05					T	1.28			
DALECARLIA RESVR D C			.66	.49	.01	.78			.01			1.14	.40	.03		
GLENN DALE BELL STN			.59	.76		1.40						.41	.92			
LAUREL 3 W			.97	T		.80						1.60	.09			
NATIONAL ARBORETUM D C						.85	.22					.01	1.20	.02		
UPPER MARLBORO 3 NNW			.34	1.07		.73	T					T	1.11			
NORTHERN EASTERN SHORE 05																
CENTREVILLE			1.25	.56		1.75						.30	.95			
CHESTERTOWN		T	1.30	.05		1.53	T					1.38	.05			
MILLINGTON 2 WNW	-	-			-		-	-	-	-	-			-	-	-
NORTHERN CENTRAL 06																
ABERDEEN PHILLIPS FLD		T	.57		*	2.07	T					*	1.89			
BALTIMORE WSO CI			1.42	.11		.86						1.93	.06			
BENSON POLICE BARRACKS	-	-			-		-	-	-	-	-			-	-	-
BOYDS 2 NW			.28	.44		.68						.76	.13			
BRIGHTON DAM		T	1.60	.20		.80						1.33	T			
CATOCTIN MOUNTAIN PARK			1.14	1.75		.54						.89	.03			
CLARKSVILLE 3 NNE			.48	1.38		.72	T					1.17	.35			
CONOWINGO DAM			1.00	.09		1.06						1.80	.18			
DAMASCUS 2 SW			.92	.41	T	.71	T					1.12	.02			T
EMMITSBURG 2 SE			.55	1.40		.50	T					.95	.40			
FREDRICK POLICE BRKS			.43			.40						.78	.14			
FREDERICK 3 E			.25	1.32		.44	.38					T	.98			
PARKTON 2 SW			1.56	.24		.82	T					1.25	.02			
POTOMAC FILTER PLANT	//		.90	T		.27						1.00				
ROCKVILLE 3 NE	-	-			-		-	-	-	-	-			-	-	-
TOWSON			1.30	.08		1.00	.01					.85	.60			
UNIONVILLE			.36	.94		1.06						.51	.31			
WESTMINSTER POLICE BRK			.53	.90	.02	.73						.52	.64			
WOODSTOCK			.57	1.20		.88						1.20	.31			

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION (INCHES)

MARYLAND AND
DELAWARE
MARCH 1983

STATION	TOTAL	DAY OF MONTH														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
APPALACHIAN MOUNTAIN 07	3.22															
CUMBERLAND 2	4.12		.03													
EDGEMONT	4.43															
FROSTBURG 2	2.73	T	.09													
HAGERSTOWN	3.24															
HANCOCK FRUIT LAB																
ALLEGHENY PLATEAU 08	4.20															
MC HENRY 12 NW	2.72															
MERRILL	2.95															
OAKLAND 1 SE	3.92	T														
SAVAGE RIVER DAM																
DELAWARE																
NORTHERN 01	8.04	.28	.60													
MIDDLETOWN 1 WSW	6.73	.23	.23													
NEWARK UNIVERSITY FARM	6.84	.59	.03													
WILMINGTON WSD AP R	7.55	.80	.05													
WILMINGTON PORTER RESVR																
SOUTHERN 02	5.56	.41	.26													
BRIDGEVILLE 1 NW	6.90	.39	.91													
DOVER	7.35	.34	.62													
GEORGETOWN 5 SW																
LEWES M																
MILFORD 2 WSW	6.11	.55	.58													

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION (CONT)

MARYLAND AND
DELAWARE
MARCH 1983

STATION	DAY OF MONTH															
	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
APPALACHIAN MOUNTAIN 07			.03	.93	.04	.48	.24									
CUMBERLAND 2			.18	1.85	T	.23	.08					.45	.45			T
EDGEMONT			.11	1.47	.21	.16	.50	.05	T			.06	.57			
FROSTBURG 2			.10	.50		.38	T					.14	.64	.07	T	.03
HAGERSTOWN			.03	1.03		.75	T					.80				
HANCOCK FRUIT LAB												.78				T
ALLEGHENY PLATEAU 08																
MC HENRY 2 NW			.07	.84	.20	.41	.40	.11				.32	.50	.20		.02
MERRILL			.08	.50		.57	.08					.80	.10	.05	T	
OAKLAND 1 SE		T	.05	.60	.65	.16	.03	.01				.80	.14	.09		T
SAVAGE RIVER DAM			.10	1.33	T	.52	.13	T				.56	.43	.03		.03
DELAWARE																
NORTHERN 01																
MIDDLETOWN 1 WSW			1.30	.71		2.30	.15						.25	1.15		
NEWARK UNIVERSITY FARM			.53	*	.91	2.03							.75	.72		
WILMINGTON WSO AP		T	1.12	.22	T	2.31	T	T				*	1.13	.09		
WILMGTN PORTER RESVR			1.05	.36	.02	1.90							1.60	.12		
SOUTHERN 02																
BRIDGEVILLE 1 NW			.98	.38		.90							.34	.83		
DOVER			1.05	.53		1.10							.25	.99		
GEORGETOWN 5 SW			.53	.87	.02	1.09	1.07							1.30		
LEWES																
MILFORD 2 WSW		T	.77	.30	.02	.70	.09						.18	1.15		

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES (°F)

MARYLAND AND
DELAWARE
MARCH 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 30	63 25	65 26	73 26	63 27	51 43	56 44	53 42	46 42	45 40	46 37	45 34	65 36	58 33	68 40	62 30	58 32	70 34	64 35	63 47	63 41	62 39	49 30	50 28	45 28	48 26	47 37	61 43	66 34	58 28	49 27	57.0 34.3			
CRISFIELD SOMERS COVE	MAX MIN																																		
PRINCESS ANNE	MAX MIN OBS	51 40 44	60 44 44	61 43 45	74 34 38	72 39 41	66 45 41	68 58 58	63 43 38	48 43 42	49 41 41	49 39 41	47 34 35	57 37 38	61 27 62	70 36 40	70 37	53 25	63 30	66 54	63 50	72 47	67 36	47 29	47 22	45 30	51 26	53 33	61 38	56 41	51 25	47 28	58.3 37.2		
SALISBURY	MAX MIN OBS	49 44 44	61 44 44	61 45 45	75 38	71 41	65 41	66 58	61 38	47 42	47 41	57 41	46 35	57 38	62 32	71 40	69 38	50 32	60 43	66 54	62 41	72 54	66 47	47 31	46 27	46 40	51 31	52 27	61 46	56 41	50 28	46 34	57.9 39.6		
SALISBURY FAA AP	MAX MIN	50 45	60 45	60 39	75 36	57 41	66 49	66 44	47 43	46 43	48 42	47 38	45 35	57 37	61 31	71 39	52 39	52 43	60 49	67 54	62 48	71 47	47 37	46 32	38 27	46 32	51 26	51 26	56 34	59 46	51 36	47 28	45 33	55.0 39.3	
SNOW HILL 4 N	MAX MIN	50 43	60 44	61 42	76 36	72 40	62 47	66 46	56 42	46 43	48 42	46 40	46 33	56 33	62 31	73 37	70 38	50 34	58 42	67 49	64 45	71 46	68 39	47 31	46 22	46 28	50 23	50 31	62 47	57 40	50 24	48 30	57.5 37.7		
CENTRAL EASTERN SHORE 02																																			
CAMBRIDGE WTR TRMT PL	MAX MIN	53 42	60 44	62 45	79 39	78 42	65 45	66 53	60 43	47 42	49 43	48 35	46 36	55 36	61 33	69 42	69 39	55 49	57 40	65 50	65 47	72 47	66 39	47 31	48 30	40 29	44 29	52 36	55 45	55 41	52 32	46 33	57.6 39.9		
DENTON 2 E	MAX MIN	49 39	61 43	63 41	77 37	76 41	62 34	63 51	61 41	46 41	48 41	45 33	58 35	61 28	70 36	67 32	49 38	57 42	64 53	61 43	70 48	57 38	46 30	45 26	40 28	51 25	52 34	55 48	52 39	50 26	45 30	45 30	56.4 37.5		
ROYAL OAK 2 SSW	MAX MIN	50 41	61 43	62 43	77 39	67 42	63 43	61 53	60 42	47 42	48 41	48 36	46 36	57 36	59 31	70 38	65 38	52 40	58 43	66 52	61 47	69 50	57 39	46 32	44 30	45 29	48 29	52 32	55 45	52 42	47 28	47 32	56.2 39.4		
VIENNA	MAX OBS MIN OBS	54 43	61 45	62 42	74 43	68 41	63 45	61 56	61 42	46 43	47 42	49 43	46 35	57 36	61 39	72 41	68 37	51 41	60 43	65 53	63 47	71 49	67 40	47 32	46 26	43 31	52 26	51 36	59 47	58 40	51 28	47 34	57.5 40.2		
LOWER SOUTHERN 03																																			
LA PLATA 1 W	MAX MIN	46 41	63 45	65 37	81 38	63 42	58 45	61 55	58 42	46 43	49 41	48 36	49 36	59 36	64 29	75 37	65 35	54 39	57 43	65 52	67 38	71 50	61 38	48 30	43 25	47 29	56 21	52 39	54 45	52 39	50 24	48 34	57.3 38.4		
MECHANICSVILLE 1 SE	MAX MIN	57 45	62 40	64 38	75 43	75 48	60 50	67 50	56 42	44 40	50 40	48 38	47 38	58 35	64 34	74 34	68 40	52 45	52 38	67 38	63 33	69 58	61 30	48 28	45 25	47 27	53 20	55 37	55 45	52 40	48 28	48 30	57.6 38.0		
OWINGS FERRY LANDING	MAX MIN																																		
PATUXENT RIVER	MAX MIN	48 42	62 47	65 45	82 44	63 43	60 45	59 46	51 43	47 43	49 42	48 40	47 34	60 34	60 34	75 44	54 42	54 43	59 46	69 50	62 42	74 43	49 37	50 32	42 32	42 32	46 34	49 40	54 40	59 43	53 34	48 36	47 36	56.3 40.6	
SOLOMONS	MAX MIN	50 38	62 40	64 43				59 41	47 41	47 40	48 40				62 35	74 40	57 39	53 40																	
UPPER SOUTHERN 04																																			
ANNAPOLIS POLICE BRKS	MAX OBS MIN	49 40	63 44	65 43	78 38	72 41	57 42	58 48	55 41	45 41	46 43	46 40	60 32	59 33	72 38	71 39	63 40	54 41	65 49	61 46	67 49	63 38	47 31	47 29	47 28	47 29	51 40	54 46	53 43	53 31	46 37	56.8 39.4			
BALTIMORE WSO AP	MAX MIN	47 41	62 47	64 37	77 36	56 42	56 41	60 46	43 42	45 41	47 43	49 40	59 38	62 32	69 35	53 37	48 38	55 42	65 49	62 45	63 41	42 33	46 29	39 26	46 26	51 25	52 37	54 40	51 33	46 30	46 25	47 36	53.6 37.1		
BELTSVILLE	MAX MIN OBS	59 29	50 43	61 38	64 33	78 40	59 41	57 45	60 40	43 40	45 42	48 40	46 38	46 35	58 29	60 35	70 32	54 35	49 40	56 45	64 45	63 47	64 36	42 30	46 25	40 26	46 18	54 30	52 38	54 41	50 23	48 30	54.4 35.8		
COLLEGE PARK	MAX MIN	55 38	52 43	62 44	65 35	79 42	59 42	58 46	61 41	43 41	46 42	49 41	46 38	49 36	58 34	62 37	71 36	55 38	50 41	58 46	65 47	66 49	66 37	43 31	46 27	40 26	46 22	54 35	51 40	55 42	52 25	48 33	55.2 37.9		

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES (°F)

MARYLAND AND
DELAWARE
MARCH 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			
DALECARLIA RESVR D C	MAX	55	61	66	80	76	58	61	60	54	49	50	48	59	62	71	68	53	53	65	65	66	58	47	44	51	53	52	55	55	49	49	57.8		
	MIN	43	46	40	35	41	42	53	40	40	42	38	36	37	29	38	37	40	36	52	46	52	35	43	27	26	21	41	41	47	25	33	38.8		
GLENN DALE BELL STN	MAX	53	63	66	80	79	55	62	57	45	47	46	45	61	59	72	71	53	53	65	66	66	59	47	46	46	54	51	54	54	50	49	57.2		
	MIN	39	42	40	32	39	40	40	40	40	42	39	31	35	28	33	29	34	40	52	45	49	37	30	23	26	17	33	43	40	19	29	35.7		
LAUREL 3 W	MAX	50	61	63	77	69	59	61	43	46	47	46	47	58	62	70	60	48	55	62	63	64	40	40	42	44	53	50	53	55	43	49	54.2		
	MIN	26	38	38	47	42	41	41	39	40	41	40	32	32	41	45	40	41	39	48	44	40	30	38	27	24	30	35	38	37	28	36	37.4		
NATIONAL ARBORETUM D C	MAX	56	49	62	65	79	60	57	52	43	45	48	48	48	59	59	71	58	52	57	65	65	66	43	46	40	47	53	52	55	52	49	54.9		
	MIN	28	38	45	36	37	42	43	41	41	40	43	39	37	33	37	37	38	39	44	47	47	38	30	29	25	24	30	39	42	28	32	37.1		
UPPER MARLBORO 3 NNW	MAX	55	48	62	65	80	58	58	59	44	45	48	47	47	59	62	72	53	50	56	65	65	67	45	48	40	47	52	52	54	52	49	55.0		
	MIN	28	41	43	33	38	43	44	41	40	42	40	39	36	28	34	33	38	41	46	46	49	38	31	25	27	21	29	39	42	24	30	36.4		
NORTHERN EASTERN SHORE 05																																			
CENTREVILLE	MAX	52	63	68	78	73	65	62	55	46	49	50	46	50	62	71	60	52	55	66	67	70	53	48	44	48	51	50	57	54	53	49	57.0		
	MIN	39	44	46	40	41	43	49	40	41	40	42	35	29	39	34	37	36	42	53	43	44	37	31	27	28	25	34	47	39	34	28	38.3		
CHESTERTOWN	MAX	45	61	63	70	55	56	59	44	44	45	48	46	58	60	68	56	50	56	62	59	66	45	45	39	46	50	52	53	50	46	47	53.0		
	MIN	39	45	40	37	41	42	42	40	41	42	39	35	36	31	36	36	35	41	50	44	44	35	30	26	28	25	36	45	35	28	33	37.3		
MILLINGTON 2 WNW																																			
NORTHERN CENTRAL 06																																			
ABERDEEN PHILLIPS FLD	MAX	50	61	64	65	63	55	59	52	46	45	48	46	51	60	68	68	54	51	61	60	63	60	45	45	46	47	48	52	52	50	46	54.2		
	MIN	39	42	42	38	45	44	50	39	40	41	40	38	39	35	36	37	36	42	50	44	47	36	31	25	26	30	36	42	42	26	32	38.4		
BALTIMORE WSO CI	MAX	49	63	68	70	55	58	62	44	47	49	48	49	61	63	71	55	49	56	62	64	63	43	46	39	47	52	53	56	52	49	48	54.5		
	MIN	43	48	46	47	44	42	43	40	42	43	40	39	38	42	46	40	40	42	52	48	43	34	31	28	27	28	38	46	38	31	39	40.3		
BENSON POLICE BARRACKS																																			
BOYDS 2 NW	MAX	50	59	64	75	73	56	60	57	46	47	44	45	56	60	67	63	51	53	60	61	60	49	44	40	45	53	49	55	51	46	48	54.4		
	MIN	37	42	42	45	40	40	48	39	37	40	38	35	33	33	42	31	36	40	49	43	46	33	27	23	21	22	35	38	39	36	33	36.9		
CATOCTIN MOUNTAIN PARK	MAX	45	54	58	69	68	56	53	52	41	41	40	39	53	56	61	57	46	46	55	54	54	43	38	35	41	46	47	47	46	44	41	49.2		
	MIN	34	39	38	46	37	43	42	35	35	38	35	31	29	37	46	28	32	34	45	37	42	26	21	17	18	19	30	30	32	25	20	32.9		
CLARKSVILLE 3 NNE	MAX	45	60	64	76	74	55	63	56	45	47	46	46	58	62	68	66	52	53	63	62	62	57	45	39	44	53	49	54	49	46	47	55.0		
	MIN	38	44	41	30	40	41	52	42	38	42	40	26	34	26	33	31	31	39	51	44	48	34	27	22	24	16	34	46	41	21	30	35.7		
CONDWINGO DAM	MAX	48	57	60	62	56	56	59	43	47	45	47	46	57	60	66	66	46	55	61	58	63	45	48	41	41	52	49	51	50	49	48	52.6		
	MIN	35	43	36	32	42	41	41	37	41	41	40	35	36	29	36	35	32	42	50	42	43	33	27	27	31	26	31	40	38	29	31	36.2		
DAMASCUS 2 SW	MAX	46	59	62	73	66	52	59	48	45	45	43	44	54	61	66	55	48	53	60	60	59	45	43	38	44	51	48	50	48	44	47	52.1		
	MIN	39	42	41	44	39	40	48	39	38	40	37	34	31	36	44	31	35	39	50	43	44	31	26	21	21	21	34	38	38	24	34	36.2		
EMMITSBURG 2 SE	MAX	50	60	64	73	68	55	56	55	45	45	46	43	57	58	65	63	47	51	60	58	58	53	43	42	47	56	49	54	52	47	49	53.8		
	MIN	35	43	41	33	39	40	44	39	39	40	39	36	32	28	34	28	30	39	48	44	44	30	27	22	21	18	33	36	39	24	31	34.7		
FREDRICK POLICE BRKS	MAX	53	61	64	72	72	55	55	55	46	46	47	47	56	61	68	67	54	52	63	59	65	57	44	44	46	50	50	56	53	47	49	55.3		
	MIN	37	46	42	37	41	41	45	40	39	41	39	36	35	37	43	34	35	39	49	45	45	32	28	24	23	24	33	38	40	25	33	37.0		
PARKTON 2 SW	MAX	47	60	63	72	55	54	61	40	44	44	43	45	58	63	66	53	46	53	59	57	60	38	43	37	43	50	47	52	48	44	47	51.4		
	MIN	35	42	35	36	40	38	40	37	38	40	36	34	30	31	37	29	29	38	46	40	38	30	23	19	21	17	31	38	30	22	29	33.2		
ROCKVILLE 3 NE																																			
TOWSON	MAX	54	60	63	72	70	55	62	59	59	58	58	58	58	62	66	66	63	54	58	61	60	58	47	40	39	52	52	58	54	45	45	57.0		
	OBS																																		
UNIONVILLE	MAX	54	60	65	71	62	57	59	58	46	45	46	46	57	62	67	61	52	62	63	61	59	53	44	41	45	50	47	55	50	46	48	54.6		
	MIN	34	36	34	29	39	40	41	39	39	41	38	36	33	24	32	27	28	40	51	44	44	32	27	20	21	14	36	39	38	21	30	33.8		
WESTMINSTER POLICE BRK	MAX	51	57	61	70	70	57	60	58	44	44	44	44	56	61	64	63	52	50	59	56	57	55	41	41	42	50	50	52	51	46	47	53.3		
	MIN	36	40	39	41	37	37	49	37	38	39	38	35	32	39	42	32	33	35	45	42	44	26	24	21	20	20	34	38	39	24	31	35.1		

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES (°F)

MARYLAND AND
DELAWARE
MARCH 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			
WOODSTOCK	MAX MIN	46 39	60 43	65 40	76 34	72 40	55 40	63 51	52 39	45 39	46 41	46 40	47 37	57 33	63 30	69 35	62 32	50 34	52 40	62 52	61 44	62 46	55 35	45 27	41 23	44 24	52 27	47 35	53 40	51 39	46 25	48 30	54.6 36.6	
APPALACHIAN MOUNTAIN 07	MAX MIN	59 38	61 36	70 33	77 33	72 44	61 45	60 42	56 41	46 41	46 38	41 35	41 32	56 29	66 32	67 30	58 30	53 37	52 43	56 42	65 43	58 30	43 27	45 23	43 25	51 19	58 24	53 34	51 36	52 22	50 23	50 34	55.5 33.6	
CUMBERLAND 2	MAX MIN	59 23	61 35	70 31	77 34	72 49	61 39	60 38	56 38	46 35	46 36	41 30	41 27	56 24	66 23	67 35	58 25	53 26	52 32	56 36	65 34	58 33	43 23	45 19	43 14	51 14	58 13	53 19	51 30	52 29	50 17	50 17	55.5 28.3	
FROSTBURG 2	MAX MIN	48 23	50 35	51 31	59 34	67 49	62 39	45 38	55 38	39 35	38 36	38 30	35 27	32 24	46 23	58 35	56 25	49 26	47 32	48 36	49 34	56 33	47 23	27 19	34 14	33 14	33 19	41 14	40 13	48 19	41 30	38 29	41 17	45.5 28.3
HAGERSTOWN	MAX MIN	51 35	60 41	65 39	74 39	71 41	60 42	56 44	55 38	45 37	45 41	43 37	35 35	56 32	61 35	66 41	63 31	53 35	50 38	59 49	59 42	55 44	46 30	43 26	41 20	41 21	45 21	52 23	49 32	53 35	50 37	47 18	48 32	53.7 35.3
HANCOCK FRUIT LAB	MAX MIN	54 31	60 34	65 34	78 29	76 39	63 42	56 45	55 40	53 40	46 41	43 38	46 34	54 30	63 30	65 31	65 25	57 25	53 40	58 50	59 43	59 43	50 30	42 28	41 20	46 21	51 14	50 33	52 33	52 37	48 18	48 32	55.1 33.2	
ALLEGHENY PLATEAU 08	MAX MIN	55 29	49 30	49 30	56 33	68 50	62 38	47 39	67 39	42 35	44 32	32 28	30 23	26 20	42 20	58 37	55 26	48 27	45 30	50 36	45 31	55 32	46 18	28 20	30 17	24 10	25 17	38 21	44 33	40 24	35 14	45 20	44.5 27.7	
OAKLAND 1 SE	MAX MIN OBS	54 30	53 27	60 32	70 28	68 30	63 40	72 35	68 38	45 33	42 20	32 29	30 25	49 24	58 27	58 35	58 25	45 32	45 32	47 32	59 33	50 30	31 23	35 18	34 15	41 16	51 13	42 29	42 33	38 27	45 14	45 15	49.4 27.1	
SAVAGE RIVER DAM	MAX MIN	51 23	54 32	54 34	61 31	71 33	64 38	48 40	59 42	43 37	43 37	40 34	37 30	33 28	48 29	60 33	59 28	49 30	41 35	49 39	51 37	61 33	47 25	30 23	37 18	37 20	44 17	49 21	39 32	45 32	44 18	44 23	48.1 30.1	
DELAWARE NORTHERN 01	MAX MIN OBS	48 35	60 42	61 39	69 36	65 41	57 41	56 46	50 39	46 44	46 44	48 44	47 33	58 34	60 32	69 34	66 32	59 45	56 40	61 52	62 42	68 45	61 35	45 28	44 25	47 26	49 21	51 32	54 45	55 39	52 40	49 26	55.5 37.3	
NEWARK UNIVERSITY FARM	MAX MIN OBS	47 37	60 41	61 43	68 33	57 41	56 40	63 44	44 33	57 38	45 40	48 41	44 32	56 34	62 31	67 35	61 30	63 35	61 40	63 49	66 44	62 43	57 35	44 22	44 25	47 23	55 23	52 23	53 43	49 24	50 26	48 33	55.2 35.4	
WILMINGTON WSO AP	MAX MIN	49 42	62 44	64 42	69 37	60 42	58 42	59 42	45 40	48 42	47 43	49 39	43 35	58 36	63 34	71 37	58 34	48 40	58 42	63 50	61 45	61 44	66 44	45 33	46 27	41 22	50 27	52 20	55 37	55 42	51 34	47 25	49 36	54.5 37.3
WILMINGTON PORTER RESVR	MAX MIN	50 31	60 42	58 41	64 42	53 39	54 41	57 40	42 38	45 40	43 40	46 38	40 33	54 35	59 34	65 40	54 38	44 38	53 40	58 46	61 43	63 43	50 32	42 28	39 27	44 23	49 24	53 37	51 43	47 33	44 28	46 35	51.2 36.5	
SOUTHERN 02	MAX MIN	53 39	60 42	62 37	77 35	72 39	64 42	64 50	52 40	47 40	48 40	47 32	46 32	58 32	62 28	70 36	65 33	50 37	57 40	65 52	62 41	71 44	62 37	46 28	46 23	45 28	46 20	50 31	52 45	53 37	49 24	47 29	49 29	56.8 36.2
DOVER	MAX MIN	46 37	60 43	62 42	73 38	69 40	53 41	58 44	52 40	46 40	47 41	48 33	47 33	57 34	62 31	70 36	68 36	52 38	52 40	64 48	64 37	70 45	63 37	47 27	46 29	47 29	49 26	47 34	56 46	56 39	52 29	45 32	55.7 37.5	
GEORGETOWN 5 SW	MAX MIN OBS	54 39	48 42	60 40	62 36	75 40	63 44	61 45	64 42	46 42	46 41	46 41	46 32	44 34	57 29	62 37	70 35	52 39	50 41	59 50	66 43	61 45	71 39	45 30	46 21	37 31	45 23	52 28	55 45	59 39	50 26	48 30	54.9 37.1	
LEWES	MAX MIN	49 40	60 43	62 41	77 37	63 41	60 43	63 45	47 41	48 40	49 41	47 41	46 33	57 35	63 31	71 37	67 32	49 40	55 42	65 50	64 44	72 45	65 38	45 28	45 23	47 30	49 25	50 32	60 47	55 37	50 27	46 30	56.3 37.4	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

MARYLAND AND
DELAWARE
MARCH 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	0015006		HARFORD	39 28	76 10W	57	16	16		C	H	ROSS AVIATION INC
ANNAPOLIS POLICE BRKS	0199304		ANNE ARUNDEL	38 59	76 30W	25	17	17			H	ANNAPOLIS POLICE BRKS
ASSATEAGUE STATE PARK	0339501		WORCESTER	38 14	75 8W	7	17	17			H	ASSATEAGUE STATE PARK
BALTIMORE WSO AP	0446504	R	ANNE ARUNDEL	39 11	76 40W	196	MID	MID		C	H	NATL WEATHER SERVICE
BALTIMORE WSO CI	0477006	R	BALTO CITY	39 17	76 37W	91	MID	MID			H	OCMI COMMANDING OFFICER
BELTSVILLE	0700004		PRN GEORGES	39 2	76 53W	120	8	8			C	U S DEPT OF AGRICULTURE
BENSON POLICE BARRACKS	0733006		HARFORD	39 30	76 23W	365	17	17			H	MARYLAND STATE POLICE
BOYDS 2 NW	1032006		MONTGOMERY	39 13	77 20W	580	18	18			H	HUNTER F STALEY
BRIGHTON DAM	1125006		MONTGOMERY	39 12	77 1W	330		MID			H	WASH SUB SANY COMM
CAMBRIDGE WTR TRMT PL	1385002		DORCHESTER	38 34	76 4W	5	16	16			H	WASTEWATER TRMT PLANT
CATOCTIN MOUNTAIN PARK	1530005		FREDERICK	39 39	77 29W	1610	17	17		C	H	CATOCTIN MOUNTAIN PARK
CENTREVILLE	1627006		QUEEN ANNES	39 3	76 4W	60	17	17			H	MICHAEL B CATE
CHESTER TOWN	1755005		KENT	39 13	76 4W	40	23	23			H	THOMAS W ELIASON JR
CLARKSVILLE 3 NNE	1862006		HOWARD	39 15	76 56W	365	17	17			H	UNIVERSITY OF MARYLAND
COLLEGE PARK	1995004		PRN GEORGES	38 59	76 57W	90	9	9			H	UNIVERSITY OF MARYLAND
CONOWINGO DAM	2060006		HARFORD	39 39	76 10W	40	MID	MID			H	SUSQUEHANNA ELECTRIC CO
CRISFIELD SOMERS COVE	2215001		SOMERSET	37 59	75 52W	8	17	17			H	SOMERS COVE MARINA
CUMBERLAND 2	2282007		ALLEGANY	39 38	78 45W	700	18	7			H	TIMOTHY B THOMAS
DALECARLIA RESVR D C	2325004			38 56	77 7W	146	17	17			H	U S CORPS OF ENGINEERS
DAMASCUS 2 SW	2335006		MONTGOMERY	39 16	77 14W	720	19	19			H	RICHARD W SCHWEROT
DENTON 2 E	2523002		CAROLINE	38 53	75 48W	50	17	17			H	ARTHUR REINHOLD
EDGEMONT	2770007		WASHINGTON	39 40	77 33W	905	7	7			H	JOHN W HARNE
EMMITSBURG 2 SE	2906006		FREDERICK	39 41	77 18W	416	17	17			H	MRS LUCILLE K BEALE
FREDRICK POLICE BRKS	3348006		FREDERICK	39 25	77 26W	380	17	17			H	MARYLAND STATE POLICE
FREDERICK 3 E	3355006		FREDERICK	39 24	77 22W	385	7	7			H	MISS I MARY STALEY
FROSTBURG 2	3415007		ALLEGANY	39 40	78 56W	2170	7	7			H	LEE K CLOSE
GLENN DALE BELL STN	3675004		PRN GEORGES	38 58	76 48W	150	16	16			H	USDA PLT INTRODUCT STN
HAGERSTOWN	3975007		WASHINGTON	39 39	77 44W	660	18	18			H	HAGERSTOWN RESERVOIR
HANCOCK FRUIT LAB	4030007		WASHINGTON	39 42	78 11W	428	16	16		C	H	SHARPSBURG RESEARCH C
LA PLATA 1 W	5080003		CHARLES	38 32	77 0W	140	18	18			H	C RUSSELL LEVERING
LAUREL 3 H	5111004		PRN GEORGES	39 6	76 54W	400	MID	MID			H	WASH SUB SANY COMM
MC HENRY 2 NW	5832008		GARRETT	39 35	79 22W	2680	8	8			C	JOSEPH F JOHENNING
MECHANICSVILLE 1 SE	5865003		ST MARYS	38 26	76 43W	160	17	17			H	MRS EDITH R BENNETT
MERRILL	5894008		GARRETT	39 36	79 5W	1790	17	17			H	DELWOOD E MERRILL
MILLINGTON 2 MNW	5985005		KENT	39 16	75 52W	30	17	17			H	MRS GERALDINE CONNOLLEY
NATIONAL ARBORETUM D C	6350004			38 54	76 59W	50	8	8			H	U S NATL ARBORETUM
OAKLAND 1 SE	6620008		GARRETT	39 24	79 24W	2420	17	17			H	MS CARA M WEBER
OWINGS FERRY LANDING	6770003		CALVERT	38 41	76 40W	160	17	17			H	JAMES E BOURNE JR
PARKTON 2 SW	6844006		BALTIMORE	39 38	76 42W	600	23	23			C	JOHN R FOX
PATUXENT RIVER	6915003		ST MARY'S	38 20	76 25W	38	MID	MID			H	NAVAL WEATHER SERVICE
POTOMAC FILTER PLANT	7272006		MONTGOMERY	39 2	77 15W	270		MID			H	POTOMAC WATER FILT PLT
PRINCESS ANNE	7330001		SOMERSET	38 13	75 41W	20	17	17			H	MARYLAND ST COLLEGE FRM
ROCKVILLE 3 NE	7705006		MONTGOMERY	39 7	77 6W	400	16	16			H	MD NATL CAPITAL PARK
ROYAL OAK 2 SSW	7806002		TALBOT	38 43	76 11W	10	18	18			H	JOHN L SWAINE JR
SALISBURY	8000001		WICOMICO	38 22	75 35W	10	17	17			H	CITY OF SALISBURY
SALISBURY FAA AP	8005001		WICOMICO	38 20	75 31W	48	MID	MID			H	FAA
SAVAGE RIVER DAM	8065008		GARRETT	39 31	79 8W	1495	8	8			H	U S CORPS OF ENGINEERS
SNOW HILL 4 N	8380001		WORCESTER	38 14	75 23W	28	18	18			H	CURTIS E SHOCKLEY
SOLOMONS	8405003		CALVERT	38 19	76 27W	12	8	8			H	CHESAPEAKE BIOL LAB
TOWSON	8877006		BALTIMORE	39 23	76 34W	390	18	18			H	BENDIX FRIEZ
UNIONVILLE	9030006		FREDERICK	39 27	77 11W	430	18	18			H	GEORGE P VON EIFF JR
UPPER MARLBORO 3 NNW	9070004		PRN GEORGES	38 52	76 47W	98	8	8			H	TOBACCO EXP FARM
VIENNA	9140002		DORCHESTER	38 29	75 50W	12	18	18			H	DELMARVA POWER & LIGHT

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

MARYLAND AND
DELAWARE
MARCH 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	03	SUSSEX	38 38	75 27 W	45	8	8	8 C	H	UNIV OF DEL SUBSTATION
LEWES	5320	03	SUSSEX	38 46	75 48 W	15	17	17		H	BOARD OF PUBLIC WORKS
MIDDLETOWN 1 WSW	5852	01	NEW CASTLE	39 26	75 45 W	60	16	16		H	PIONEER HIBRED CORN CO
MILFORD 2 WSW	5915	02	SUSSEX	38 54	75 28 W	30	17	17		H	MRS BERNARD FRANKEL
NEWMARK UNIVERSITY FARM	6410	01	NEW CASTLE	39 40	75 44 W	90	17	17	17 C	H	UNIV OF DELAWARE
WILMINGTON WSD AP	R 9595	01	NEW CASTLE	39 40	75 36 W	79	MID	MID		C H J	NATL WEATHER SERVICE
WILMGTN PORTER RESVR	9605	01	NEW CASTLE	39 46	75 32 W	274	MID	MID		H	WATER DEPARTMENT

SEE REFERENCE NOTES FOLLOWING STATION INDEX

REFERENCE NOTES

MARYLAND AND
DELAWARE
MARCH 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 - M A R C H 1 9 8 3

SPECIAL WEATHER SUMMARY

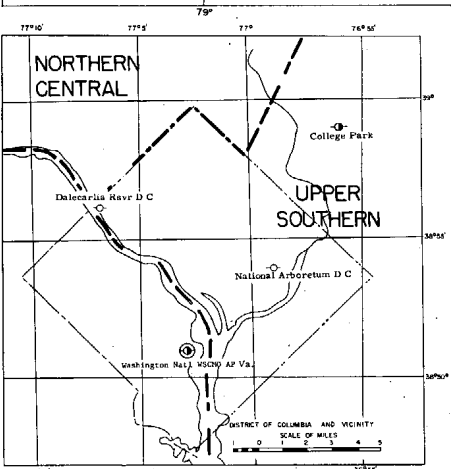
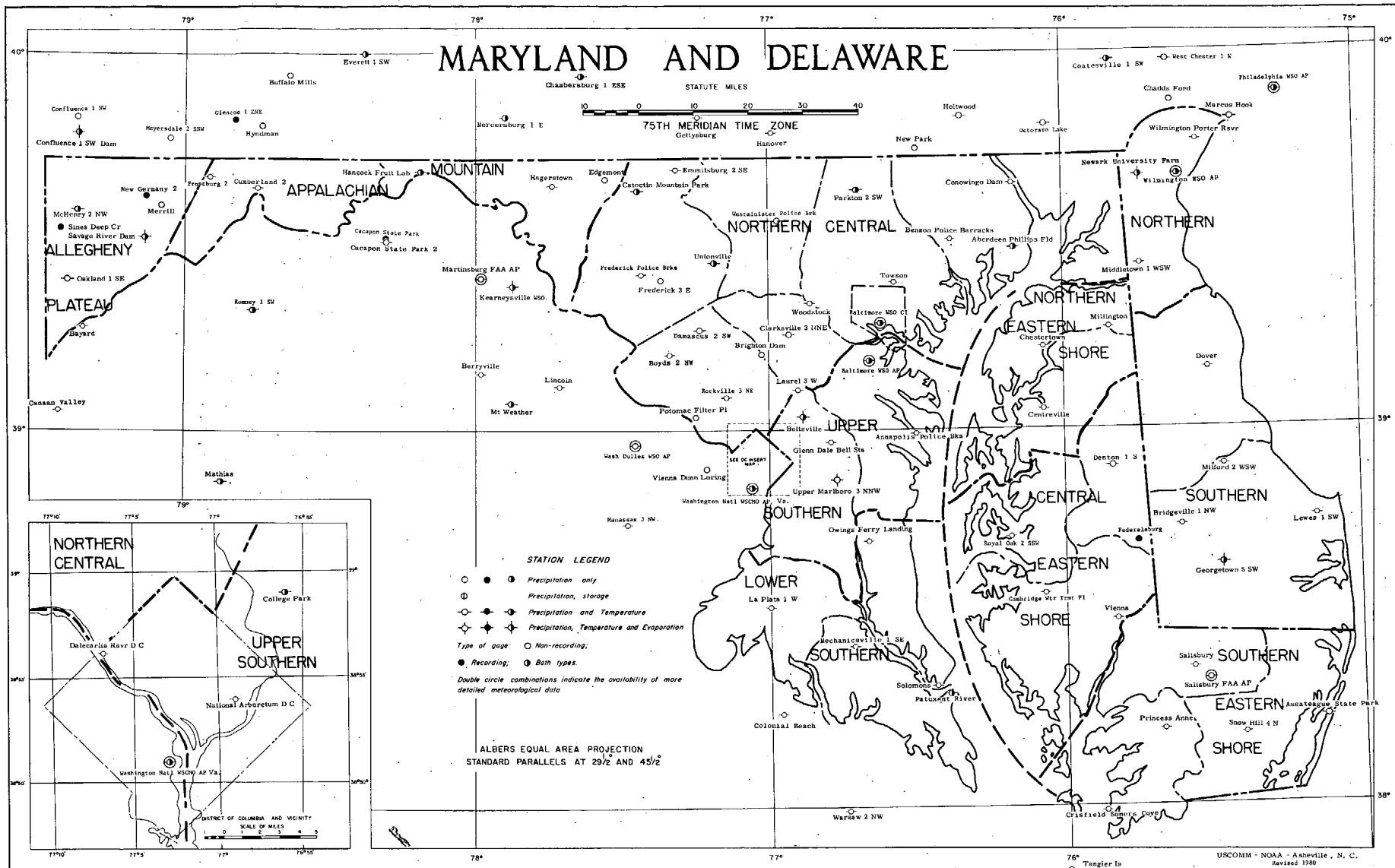
W. J. Moyer

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

March 1983 was cloudy, mild, and wet. It will be remembered for record and near record precipitation totals in Maryland east of the mountains and in Delaware. The unprecedented total of 9.76 inches recorded at the National Weather Service Baltimore City Office is the greatest March monthly total for Maryland. The previous record was 9.36 inches at Bachman's Valley, Carroll County in 1903.

Monthly temperatures averaged mostly between 2 and 4 degrees above normal. The Maryland state average was 46.0°, normal 42.9°, making this the warmest March since 1979 when the average was 46.4°. The Delaware state average was 46.3°, normal 43.5°, also the warmest March since 1979. Highest temperatures reached mostly into the 70's and low 80's on the 4th or 5th, while lows, mostly in the teens and 20's, occurred near the end of the month. The first part of the month was the warmest period. Daily temperatures, from the 1st through the 7th, averaged 12° above normal at Baltimore WSO and 13° above normal at both Wilmington WSO and Washington National Airport. The first 21 days of the month were generally above normal, while the last 10 days were below normal.

Monthly precipitation ranged mostly between 5 and 8 inches in Maryland east of the mountains and 2.5 to 5 inches in western Maryland; in Delaware totals ranged mostly between 5.5 and 7.5 inches. Maryland state average precipitation was 6.20 inches, normal 3.86 inches, the wettest March since 1912. Delaware State average was 6.66 inches, normal 3.97 inches, the wettest since 1958. As noted, the greatest Maryland total was 9.76 inches at Baltimore City Office. This was followed by 9.05 inches, also a record, at Assateague State Park. Some additional records (in inches) included: Baltimore (Cylburn Arboretum), 8.23; Annapolis, 8.10; Salisbury, 8.07; Bel Air, 7.98 and Georgetown, DE, 7.35. An unofficial total of 9.05 inches was reported at Rising Sun, Cecil County. The three periods of significant rainfall included: 6th-10th, 18th-21st and 27th-28th. This month's greatest one-day total was 3.52 inches at Wye Research Center on the 21st. March's precipitation provided most areas with above normal totals for the first time this year; it was the first month with above normal precipitation since last November. Snowfall was generally light. Totals in the Garrett County area, including Frostburg, reached as much as 7.9 inches; elsewhere, in northern areas, traces to 2 inches were reported.



CLIMATE PUBLICATIONS AVAILABLE FROM THE NATIONAL CLIMATIC DATA CENTER, ASHEVILLE, N.C.

COMPARATIVE CLIMATIC DATA

Presents tables of monthly and annual averages, totals or extreme climate conditions for approximately 300 major population centers. This publication is particularly helpful for comparing temperature, rainfall, snowfall, wind velocities, sunshine, cloudiness and relative humidities for the principal cities. The cities are listed alphabetically by state in two sections: observed data and climatological normals. This is an annual publication.

STORM DATA

Monthly issue presents a chronological listing, by states, of occurrences of storms and unusual weather phenomena, together with data on the paths of individual storms, deaths, injuries, and estimated property damage, and a brief narrative description of each event. A new section in the bulletin entitled "OUTSTANDING STORMS OF THE MONTH" highlights severe weather and includes descriptive photographs of storms, their tracks, and analyzed maps. The December issue includes annual summaries of tornadoes and lightning and North Atlantic tropical cyclones.

MONTHLY CLIMATIC DATA FOR THE WORLD

Contains monthly means of temperature, pressure, precipitation, vapor pressure and sunshine for about 2,500 surface data stations worldwide. Also contains monthly mean upper air temperatures, dew point depressions and wind velocities for ten standard levels.

LOCAL CLIMATOLOGICAL DATA

Published monthly for each first-order station. Presents daily maximum and minimum temperatures, degree day data, precipitation, station pressures, wind statistics, sunshine and sky cover data, as well as 3-hourly data for certain parameters. An annual issue is available summarizing monthly data and including up to 40 years record, and featuring a narrative climatological summary and history of the station.

CLIMATOLOGICAL DATA

Published monthly for each state. Gives daily temperature and precipitation records, and monthly averages and totals, with departures from normal when available. Also derived statistics such as heating and cooling degree days, counts of days equaling or exceeding given temperature and precipitation thresholds, extremes, etc., are published for cooperative and first-order stations. Evaporation and soil temperature data are given for reporting stations. Seasonal snowfall, heating and cooling degree day tables included in selected tables. Annual summary also available.

HOURLY PRECIPITATION DATA

Monthly issue presents daily, hourly and maximum short duration data for the recording gage stations for each state except Alaska. The annual issue tabulates monthly and annual totals, and annual maximum precipitation data by selected time categories.

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