

# CLIMATOLOGICAL DATA

## MARYLAND AND DELAWARE

SEPTEMBER 1986

VOLUME 90 NUMBER 9



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**noaa**

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ASHEVILLE NORTH CAROLINA

# TEMPERATURE AND PRECIPITATION EXTREMES

MARYLAND AND  
DELAWARE  
SEPTEMBER 1986

MARYLAND  
HIGHEST TEMPERATURE 97  
LOWEST TEMPERATURE 31  
GREATEST TOTAL PRECIPITATION 4.20  
LEAST TOTAL PRECIPITATION .23  
GREATEST 1 DAY PRECIPITATION 3.65

SEPTEMBER 26  
SEPTEMBER 17+

BALTIMORE WSO CI R  
2 STATIONS  
PRINCESS ANNE  
CRISFIELD SOMERS COVE  
PRINCESS ANNE

DELAWARE  
HIGHEST TEMPERATURE 92  
LOWEST TEMPERATURE 38  
GREATEST TOTAL PRECIPITATION 2.75  
LEAST TOTAL PRECIPITATION .39  
GREATEST 1 DAY PRECIPITATION 1.45

SEPTEMBER 26  
SEPTEMBER 18

2 STATIONS  
GEORGETOWN 5 SW  
WILMINGTON WSO AP R  
MILFORD 4 SE  
WILMINGTON WSO AP R

SEPTEMBER 23

## AUGUST 1986 ERRATA

# TEMPERATURE AND PRECIPITATION EXTREMES

MARYLAND AND  
DELAWARE  
AUGUST 1986

MARYLAND  
HIGHEST TEMPERATURE 96  
LOWEST TEMPERATURE 32  
GREATEST TOTAL PRECIPITATION 9.40  
LEAST TOTAL PRECIPITATION 1.20  
GREATEST 1 DAY PRECIPITATION 4.50

AUGUST 10+  
AUGUST 29

4 STATIONS  
OAKLAND 1 SE  
ASSATEAGUE ISLAND NATL SE  
CUMBERLAND 2  
DALECARLIA RESVR D C

AUGUST 18

DELAWARE  
HIGHEST TEMPERATURE 94  
LOWEST TEMPERATURE 42  
GREATEST TOTAL PRECIPITATION 6.40  
LEAST TOTAL PRECIPITATION 2.65  
GREATEST 1 DAY PRECIPITATION 2.03

AUGUST 9  
AUGUST 30+

DOVER  
3 STATIONS  
GEORGETOWN 5 SW  
MIDDLETOWN 3 E  
GEORGETOWN 5 SW

AUGUST 21

# MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

MARYLAND AND  
DELAWARE  
SEPTEMBER 1986

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	
<b>MARYLAND</b>																						
<b>SOUTHERN EASTERN SHORE 01</b>																						
ASSATEAGUE ISLAND NATL SE	78.4	59.4	68.9		90227	4618	23	148	1	0	0	0	1.52		1	12	7	.0	0	3	1	1
CRISFIELD SOMERS COVE	79.4	61.7	70.6	-1.3	87227+	4917	1	187	0	0	0	0	.23	-3.04		1	9	.0	0	1	0	0
PRINCESS ANNE	79.9	57.8	68.9	-.3	89226	3918	3	153	0	0	0	0	4.20	-1.23	3	6	6	.0	0	3	1	1
SALISBURY	79.5	59.9	69.7	-.2	91226	4317	2	168	1	0	0	0	2.23	-1.36	1	5	5	.0	0	2	2	1
SALISBURY FAA AP	78.3	58.7	68.5	-.1	91226	4318+	3	144	1	0	0	0	1.64	-2.30	1	8	5	.0	0	2	2	1
SNOW HILL 4 N	81.3	58.4	69.9	.9	93226	4018	2	178	2	0	0	0	1.32	-2.21	.83	6		.0	0	3	1	0
--DIVISIONAL DATA----->																						
<b>CENTRAL EASTERN SHORE 02</b>																						
CAMBRIDGE WTR TRMT PL	80.2	61.2	70.7	1.2	92227	46 9	20	200	3	0	0	0	.87	-2.85	.38	6		.0	0	4	0	0
DENTON 2 E	80.9	58.3	69.6	.5	95226	3918+	3	178	2	0	0	0	.62	-2.88	.34	2		.0	0	2	0	0
ROYAL OAK 2 SSW	79.6	61.4	70.5	.2	90226	45 9	1	188	1	0	0	0	.74	-2.98	.2	8		.0	0	3	0	0
VIENNA	83.1	57.8	70.5	.6	94227	4217	2	198	4	0	0	0	.94	-3.03	.5	6		.0	0	2	1	0
--DIVISIONAL DATA----->																						
<b>LOWER SOUTHERN 03</b>																						
LA PLATA 1 W	77.1	60.6	68.9	.1	8730+	4217	29	150	0	0	0	0	.73	-2.71	.29	2		.0	0	2	0	0
MECHANICSVILLE 1 E	77.0	59.7	68.4		88226	4017	39	147	0	0	0	0	.47		.30	8		.0	0	2	0	0
OWINGS FERRY LANDING	79.5	60.1	69.8	1.0	9030+	4217	26	175	2	0	0	0	.82	-2.70	.32	2		.0	0	3	0	0
PATUXENT RIVER	78.8	63.2	71.0		92226	4918	13	201	2	0	0	0	1.23		.60	5		.0	0	3	1	0
--DIVISIONAL DATA----->																						
<b>UPPER SOUTHERN 04</b>																						
ANNAPOLIS POLICE BRKS	81.7	58.7	70.2		92226	4210	18	179	2	0	0	0	.89		.44	2		.0	0	2	0	0
BALTIMORE WSO AP	78.6	59.2	68.9	.0	93226	4218	34	158	2	0	0	0	.58	-2.88	.40	2		.0	0	2	0	0
BELTSVILLE	78.1	58.1	68.1	.9	93227	3818	44	143	1	0	0	0	1.05	-2.66	.41	4+		.0	0	3	0	0
COLLEGE PARK	79.5	60.4	70.0	.8	95227	4218	25	180	1	0	0	0	.67	-2.89	.39	2		.0	0	3	0	0
DALECARLIA RESVR D C	80.4	61.5	71.0	1.8	92225	4118	23	206	2	0	0	0	.78	-2.64	.42	2		.0	0	2	0	0
GLENN DALE BELL STN	79.6	57.1	68.4	.4	91226	3617	44	151	1	0	0	0	1.23	-2.43	.42	2		.0	0	4	0	0
LAUREL 3 W	79.5	60.3	69.9	.3	93226	4217	22	175	3	0	0	0	1.36	-2.02	.41	2		.0	0	5	0	0
NATIONAL ARBORETUM D C	79.6	55.6	67.6	-2.5	93227	42 9	40	127	1	0	0	0	1.47	-2.11	.70	27		.0	0	4	1	0
UPPER MARLBORO 3 NNW	77.7	54.0	65.9		91227	3618+	64	98	1	0	0	0	.75	-2.98	.36	2		.0	0	2	0	0
--DIVISIONAL DATA----->																						
<b>NORTHERN EASTERN SHORE 05</b>																						
CHESTERTOWN	78.8	59.9	69.4	.1	91226	4317	19	155	2	0	0	0	.73	-2.85	.36	2		.0	0	2	0	0
MILLINGTON 1 SE	79.0	57.6	68.3	.3	92226	3817	34	141	2	0	0	0	.69	-3.10	.32	2		.0	0	3	0	0
--DIVISIONAL DATA----->																						
<b>NORTHERN CENTRAL 06</b>																						
ABERDEEN PHILLIPS FLD	78.1	60.3	69.2		90226	43 9	27	160	1	0	0	0	1.08		.44	2		.0	0	3	0	0
BALTIMORE WSO CI	79.9	62.9	71.4	-.3	97226	4717	12	212	3	0	0	0	.69	-2.97	.48	2		.0	0	2	0	0
BENSON POLICE BARRACKS	81.1	58.1	69.6	2.1	9330+	4018	25	170	3	0	0	0	.88	-3.30	.49	2		.0	0	2	0	0
BOYDS 2 NW	78.4	58.7	68.6		9230	4017	32	146	2	0	0	0	.55		.30	2		.0	0	4	0	0
CATOCTIN MOUNTAIN PARK	73.0	56.6	64.8		8530	3917	67	70	0	0	0	0	1.07		.31	3		.0	0	4	0	0
CLARKSVILLE 3 NNE	79.7	55.2	67.5		94226	3418+	57	138	3	0	0	0	.76		.53	2		.0	0	2	1	0
CONOWINGO DAM	77.6	57.2	67.4	.2	9030	4218	29	111	1	0	0	0	.41	-3.48	.13	2		.0	0	1	0	0

SEE REFERENCE NOTES FOLLOWING STATION INDEX

# MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

MARYLAND AND  
DELAWARE  
SEPTEMBER 1986

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	
DAMASCUS 2 SW	76.3	58.1	67.2		90	38	44	118	1	0	0	0	.94		.54	2	.0	.0		1	1	0
EMMITSBURG 2 SE	78.2	56.0	67.1		92	36+	42	131	2	0	0	0	.88		.33	2	.0	.0		3	2	0
FREDRICK POLICE BRKS	80.6	60.4	70.5		94	26+	42	195	3	0	0	0	.85		.40	2	.0	.0		3	0	0
PARKTON 2 SW	76.4	53.8	65.1		90	30+	35	85	2	0	0	0	1.41		.60	2	.0	.0		2	2	0
ROCKVILLE 1 NE	76.4	58.2	67.2	- .5	91	26+	44	133	2	0	0	0	1.01		.55	2	.0	.0		3	2	0
TOWSON	81.1	57.6	69.4		93	36+	44	26	4	0	0	0	.94		.61	2	.0	.0		3	1	0
UNIONVILLE	79.2	52.7	66.0	.7	92	30+	33	102	2	0	1	0	.79		.53	2	.0	.0		2	1	0
WESTMINSTER POLICE BRK	78.4	56.2	67.3	1.0	91	27+	36	120	3	0	0	0	.80		.53	2	.0	.0		2	1	0
WOODSTOCK	78.9	58.0	68.5	1.7	92	30+	37	150	2	0	0	0	.72		.56	2	.0	.0		1	1	0
--DIVISIONAL DATA-->			67.9	.5									.86		.97		.0	.0				
APPALACHIAN MOUNTAIN 07																						
CUMBERLAND 2	80.8	55.9	68.4	1.8	91	29+	40	151	3	0	0	0	.88	-2.04	.44	25	.0	.0		4	0	0
FROSTBURG 2	71.5	52.4	62.0		83	30	36	48	2	0	0	0	1.82		.57	25	.0	.0		5	1	0
HAGERSTOWN	79.5	57.7	68.6	1.8	94	30	39	147	2	0	0	0	.54	-2.76	.21	24+	.0	.0		2	0	0
HANCOCK FRUIT LAB	80.0	54.7	67.4	2.5	92	30	33	133	3	0	0	0	.80	-2.42	.30	24	.0	.0		3	0	0
--DIVISIONAL DATA-->			66.6	.9									1.01	-2.18			.0	.0				
ALLEGHENY PLATEAU 08																						
MC HENRY 2 NW	71.2	52.6	61.9		81	30	37	119	0	0	0	0	2.67		.67	25	.0	.0		7	2	0
OAKLAND 1 SE	73.8	52.2	63.0	2.5	82	29	31	110	0	0	2	0	2.24	-.87	.52	27	.0	.0		9	2	0
SAVAGE RIVER DAM	74.8	51.5	63.2	1.2	87	30	35	107	0	0	0	0	1.70	-1.29	.62	24	.0	.0		5	1	0
--DIVISIONAL DATA-->			62.7	2.1									2.20	-.96			.0	.0				
DELAWARE NORTHERN 01																						
MIDDLETOWN 3 E	78.1	57.8	68.0		90	30+	40	130	2	0	0	0	1.14		.38	27	.0	.0		3	0	0
NEWARK UNIVERSITY FARM	78.7	57.1	67.9	.0	90	26	40	128	1	0	0	0	1.52	-2.09	.60	27	.0	.0		3	1	0
WILMINGTON WSO AP	76.7	58.3	67.5	-.4	89	26	43	116	0	0	0	0	2.75	-.84	1.45	23	.0	.0		4	2	1
WILMGTN PORTER RESVR	75.7	58.8	67.3	.4	88	30+	43	116	0	0	0	0	2.47	-1.34	.76	23	.0	.0		5	2	0
--DIVISIONAL DATA-->			67.7	-.1									1.97	-1.62			.0	.0				
DELAWARE SOUTHERN 02																						
DOVER	80.8	59.2	70.0	.4	91	30+	44	176	3	0	0	0	1.73	-2.41	.93	24	.0	.0		4	1	0
GEORGETOWN 5 SW	77.9	56.8	67.4	-1.0	90	27	38	118	4	1	0	0	1.69	-1.82	1.01	6	.0	.0		3	1	1
GREENWOOD 2 NE	79.5	57.9	68.7		92	26	40	153	2	0	0	0	.43		.18	6	.0	.0		2	0	0
LEWES	77.9	61.3	69.6	1.2	89	30+	44	118	0	0	0	0	.76	-2.50	.42	8	.0	.0		2	0	0
MILFORD 4 SE	78.5	58.0	68.3	-.5	92	26	40	141	3	0	0	0	.39	-3.36	.12	27+	.0	.0		2	0	0
--DIVISIONAL DATA-->			68.8	.1									1.00	-2.67			.0	.0				

SEE REFERENCE NOTES FOLLOWING STATION INDEX

# DAILY PRECIPITATION (INCHES)

MARYLAND AND  
DELAWARE  
SEPTEMBER 1986

STATION	TOTAL	DAY OF MONTH														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
<b>MARYLAND</b>																
SOUTHERN EASTERN SHORE 01																
ASSATEAGUE ISLAND NATL SE	1.52			.05			.12	1.12	.13	.04						
CRISFIELD SOMERS COVE	.23		.08				.03			.12						
PRINCESS ANNE	4.20		.08				3.65		.23							
SALISBURY	2.23		.01			.01	1.90		.27							
SALISBURY FAA AP	1.64		.07			1.18	.08		.25							
SNOW HILL 4 N	1.32		.07				.83		.23							
CENTRAL EASTERN SHORE 02																
CAMBRIDGE MTR TRMT PL	.87		.19	.02		.11	.38		.14							
DENTON 2 E	.62		.24			.06	.02		.11							
ROYAL OAK 2 SSW	.74		.20	T	.07	.03	.05		.22				T			
VIENNA	.94		.09	.01	.02		.65		.15							
LOWER SOUTHERN 03																
LA PLATA 1 W	.73	.01	.29	.05		.05			.27							
MECHANICSVILLE 1 E	.47	T	.16	T	T	.01			.30							
OWINGS FERRY LANDING	.82	T	.32		.02	T	T	.05	.20							
PATUXENT RIVER	1.23	T	.22	.05		.60	.02	.01	.29				T			
UPPER SOUTHERN 04																
ANNAPOLIS POLICE BRKS	.89		.44	.05					.40							
BALTIMORE WSO AP	.58	.05	.40	T	T	T		T	.11				T			
BELTSVILLE	1.05		.41	.04	.41				.13							
COLLEGE PARK	.67		.39	.02					.14							
DALECARLIA RESVR D C	.78		.42	.03					.17							
GLENN DALE BELL STN	1.23		.42	.04	.07				.20							
LAUREL 3 W	1.36	.07	.41	T					.11							
NATIONAL ARBORETUM D C	1.47		.42	.05					.11	.04						
UPPER MARLBORO 3 NNW	.75		.36	.05	.04				.24				T			
NORTHERN EASTERN SHORE 05																
CHESTERTOWN	.73	T	.36	T					.20							
MILLINGTON 1 SE	.69		.32				.02		.08						T	
NORTHERN CENTRAL 06																
ABERDEEN PHILLIPS FLD	1.08		.44			.04			T						T	
BALTIMORE WSO CI	.69	.02	.48						.14							
BENSON POLICE BARRACKS	.88		.49	T		.10	.03		.09	.03						
BOYDS 2 NW	.55		.30	.06												
BRIGHTON DAM	1.02	.07	.55	T					.18							
CATOCTIN MOUNTAIN PARK	1.07		.25	.31	.18	.02										
CLARKSVILLE 3 NNE	.76		.53	.03	T	.01			.10						.01	
CONOWINGO DAM	.41		.13		.02	.03			.02							
DAMASCUS 2 SW	.94	.02	.54	.03	.09	.01			.07						.02	
EMMITSBURG 2 SE	.88		.33	.22		.02										
FREDRICK POLICE BRKS	.85		.40	.39	T											
FREDRICK 3 E	1.35		.70	.32	.10		T		.06							
PARKTON 2 SW	1.41	T	.54	.07	.01	.02										
POTOMAC FILTER PLANT	.98	.10	.58	.03												
ROCKVILLE 1 NE	1.01	.07	.55		T	.19			.12						T	
TOWSON	.94		.61	.02		.11			.13						T	
UNIONVILLE	.79		.53	.06					.06							
WESTMINSTER POLICE BRK	.80		.53	.11		.02									T	
WOODSTOCK	.72		.56						.08						T	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

# DAILY PRECIPITATION (CONT)

MARYLAND AND  
DELAWARE  
SEPTEMBER 1986

STATION	DAY OF MONTH															
	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
<b>MARYLAND</b>																
SOUTHERN EASTERN SHORE 01																
ASSATEAGUE ISLAND NATL SE							.02							.04		
CRISFIELD SOMERS COVE													.24			
PRINCESS ANNE													.02			
SALISBURY										.02			.02			
SALISBURY FAA AP										.02			.04			
SNOW HILL 4 N										.02			.19			
CENTRAL EASTERN SHORE 02																
CAMBRIDGE WTR TRMT PL										T			T			
DENTON 2 E				.03						.02			.09			
ROYAL OAK 2 SSW				.08									.02			
VIENNA				.17												
LOWER SOUTHERN 03																
LA PLATA 1 W				.03												
MECHANICSVILLE 1 E				T		T							T	.03		
OWINGS FERRY LANDING				.23		T		T					T			
PATUXENT RIVER					T					.02			.02			
UPPER SOUTHERN 04																
ANNAPOLIS POLICE BRKS																
BALTIMORE WSO AP			T	T						T	.02		T	T	T	
BELTSVILLE				T						T			.04	T		
COLLEGE PARK										T	.02		.10	.02		
DALECARLIA RESVR D C				.02						.07	.02		.05	.05		
GLENN DALE BELL STN				.03						.12	.20		.30	.05		
LAUREL 3 W										.27			.30	.30		
NATIONAL ARBORETUM D C				.04									.70	.01		
UPPER MARLBORO 3 NNW				T						T	.10		.03		.03	
NORTHERN EASTERN SHORE 05																
CHESTERTOWN				.05	.03				T	.05	T	T	.04			
MILLINGTON 1 SE				.11						.13	T		.03			
NORTHERN CENTRAL 06																
ABERDEEN PHILLIPS FLD				.12						.07		T	.02	.39		
BALTIMORE WSO CI													.05			
BENSON POLICE BARRACKS				.02									.06	T		
BOYDS 2 NW											.04		.19			
BRIGHTON DAM			T										.10			
CATOCTIN MOUNTAIN PARK										.01			.06	.12	T	.03
CLARKSVILLE 3 NNE											.18		.06	.02		
CONOWINGO DAM					T					.01			.08			
DAMASCUS 2 SW			T	T	T					.03			.06	.06	T	
EMMITTSBURG 2 SE				.03						.08			.08	.05	T	
FREDRICK POLICE BRKS				.02				T		.20			.05	.04	T	
FREDERICK 3 E														.06		
PARKTON 2 SW			T	T				T		.09			.08	.01	.07	
POTOMAC FILTER PLANT										.07			.60	.01		
ROCKVILLE 1 NE				T						.07			.02	.06		
TOWSON										.02			.02	.03		
UNIONVILLE										.05			.02			
WESTMINSTER POLICE BRK				.05						.08			.05			
WOODSTOCK										.07			.01	.02		
										T			.08			

SEE REFERENCE NOTES FOLLOWING STATION INDEX

# DAILY PRECIPITATION (INCHES)

MARYLAND AND  
DELAWARE  
SEPTEMBER 1986

STATION	TOTAL	DAY OF MONTH														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
APPALACHIAN MOUNTAIN CUMBERLAND 2	.88		.03													
EDGEMONT	.74		.22													
FROSTBURG 2	1.82		.07	.21	.04	.05	.03	.11					.04	.06		
HAGERSTOWN	.54		.21	.02	.01	.01							.01			
HANCOCK FRUIT LAB	.80	T	.12	T	.03		.09						.02			
ALLEGHENY PLATEAU MC HENRY 2 NW	2.67		.02		T	.10	.05						.11	.07		
MERRILL	1.12		.08			.15							.03			
OAKLAND 1 SE	2.24	.12	T	.09	.32	.10							.16			
SAVAGE RIVER DAM	1.70		.13	.01	T	.02	.02						.02			
DELAWARE																
NORTHERN MIDDLETOWN 3 E	1.14		.33													
NEWARK UNIVERSITY FARM	1.52		.36				.12	.09								
WILMINGTON WSO AP	2.75	R	.32	T	.17	.08			T				T			
WILMINGTON PORTER RESVR	2.47	T	.30			.04										
SOUTHERN																
DOVER	1.73		.30	.05					.03				.05			
GEORGETOWN 5 SW	1.69		.03	.05					1.01				.14			
GREENWOOD 2 NE	.43		.13						.18				.07			.01
LEWES	.76		.08										.42			
MILFORD 4 SE	.39		.12						.02				.08			

SEE REFERENCE NOTES FOLLOWING STATION INDEX

# DAILY PRECIPITATION (CONT)

MARYLAND AND  
DELAWARE  
SEPTEMBER 1986

STATION	DAY OF MONTH															
	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
APPALACHIAN MOUNTAIN 07				.14					.11	.44		.11				
CUMBERLAND 2				.01					T	.22						
EDGEMONT				.11					.47	.57	.04					
FROSTBURG 2	.02			.01				T	.21	.06	.02	.22	.02			
HAGERSTOWN			.01	.02					.30	.19						
HANCOCK FRUIT LAB			.03									T				
ALLEGHENY PLATEAU 08																
MC HENRY 2 NW	.08			.19	.02	T		.20	.62	.67	T	.46	.08			
MERRILL				.15				.02	.07	.24	.03	.20	.15			
OAKLAND 1 SE	T		.05	.12	T			.12	.02	.50		.52	.12			
SAVAGE RIVER DAM	T			.08				T	.62	.24	T	.29	.27	T		
DELAWARE																
NORTHERN 01																
MIDDLETOWN 3 E				.05				.09	.08			.38				
NEWARK UNIVERSITY FARM				.06				.37	.02	T	.02	.60	.01			
WILMINGTON WSO AP R			.04	T				1.45	T	.05	T	.63				
WILMGTN PORTER RESVR			.02	.07				.76	.31	.04	.30	.63				
SOUTHERN 02																
DOVER				.17					.93			.20				
GEORGETOWN 5 SW				T					.03			.42				
GREENWOOD 2 NE				.04						.01		T	.23			
LEWES				.03								.23				
MILFORD 4 SE				.05								.12				

SEE REFERENCE NOTES FOLLOWING STATION INDEX



# DAILY TEMPERATURES (°F)

MARYLAND AND  
DELAWARE  
SEPTEMBER 1986

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		
<b>MARYLAND</b>																																	
SOUTHERN EASTERN SHORE 01																																	
ASSATEAGUE ISLAND NATL SE	MAX	75	78	73	77	76	80	80	79	75	76	78	82	86	79	76	77	72	65	68	80	79	81	75	82	85	86	90	80	81	82		
	MIN	51	62	60	64	62	61	61	54	51	53	65	71	58	56	53	59	52	46	48	58	64	62	61	66	67	66	64	62	60	66		
CRISFIELD SOMERS COVE	MAX	78	73	79	83	81	83	83	83	71	75	82	82	82	82	82	73	64	70	75	77	78	78	79	78	86	87	87	83	84	83		
	OBS	55	57	63	62	64	62	66	58	59	54	54	69	54	54	54	62	49	52	66	62	68	61	66	64	69	73	74	65	63	73		
	MIN	55	57	63	62	64	62	66	58	59	54	54	69	54	54	54	62	49	52	66	62	68	61	66	64	69	73	74	65	63	73		
	OBS												54												***			***					
PRINCESS ANNE	MAX	77	72	78	82	82	81	80	78	75	75	84	84	84	76	78	77	68	73	79	80	81	78	83	82	86	89	87	77	83	87		
	MIN	50	60	60	58	62	61	56	52	43	47	64	73	55	49	53	61	42	39	60	56	60	59	58	71	64	66	69	63	55	68		
	OBS																		36														
SALISBURY	MAX	76	71	78	81	82	81	80	77	76	76	85	85	81	78	77	75	68	74	78	81	79	77	83	83	87	91	85	72	82	87		
	MIN	49	62	62	61	64	68	58	57	49	51	65	73	57	54	57	60	43	44	62	60	63	57	59	70	68	67	69	63	58	68		
SALISBURY FAA AP	MAX	74	71	77	77	82	79	79	70	74	75	83	83	76	76	77	72	68	73	78	81	79	77	83	82	86	91	81	75	82	87		
	MIN	53	63	61	60	64	62	59	53	47	49	66	66	54	52	55	50	43	43	64	60	64	59	60	69	68	68	65	59	58	68		
SNOW HILL 4 N	MAX	76	75	80	80	82	80	82	81	76	77	86	86	85	78	80	76	77	74	81	81	80	77	85	86	88	93	90	76	84	88		
	MIN	50	58	61	68	60	66	55	57	43	46	66	71	54	49	52	63	41	40	60	57	60	60	61	71	66	67	70	64	55	62		
<b>CENTRAL EASTERN SHORE 02</b>																																	
CAMBRIDGE WTR TRMT PL	MAX	75	75	78	80	80	79	78	78	76	76	85	86	83	78	78	78	68	71	78	78	79	80	85	85	83	91	92	79	83	90		
	MIN	49	62	64	63	66	68	57	59	46	54	65	72	62	55	53	60	47	47	63	61	66	62	62	72	65	66	75	64	62	70		
DENTON 2 E	MAX	75	71	79	80	80	85	81	75	77	75	85	88	80	79	80	75	69	74	79	81	80	86	86	88	85	95	87	74	85	92		
	MIN	49	61	64	58	66	66	51	57	41	47	64	72	53	50	50	59	39	39	62	54	65	61	61	69	68	64	64	61	64	69		
ROYAL OAK 2 SSW	MAX	76	74	81	81	82	82	79	72	76	75	87	87	76	76	81	77	67	73	78	78	81	78	84	81	85	90	84	76	82	88		
	MIN	54	62	65	63	68	66	56	58	45	52	66	72	60	56	57	61	46	47	63	59	67	60	66	71	69	64	70	62	67	71		
VIENNA	MAX	80	79	79	81	82	84	85	82	81	78	85	86	88	81	81	80	72	74	80	83	84	82	85	86	91	93	94	75	93	89		
	MIN	46	46	47	60	52	68	61	57	44	43	64	71	55	53	60	59	42	46	46	60	65	59	63	70	69	66	68	62	61	70		
	OBS												43	43																			
<b>LOWER SOUTHERN 03</b>																																	
LA PLATA 1 W	MAX	71	70	72	75	74	78	74	71	73	70	82	81	83	74	77	71	68	71	78	78	81	75	85	81	84	87	84	77	81	87		
	MIN	58	59	64	63	65	65	55	55	44	53	58	70	56	52	59	59	42	47	61	62	67	63	65	71	69	66	68	65	67	69		
MECHANICSVILLE 1 E	MAX	73	71	77	78	75	79	77	69	73	72	83	84	76	76	77	68	63	71	77	77	81	74	83	81	84	88	85	71	81	86		
	MIN	54	60	64	64	66	67	54	57	41	49	63	71	56	50	56	59	40	42	61	59	63	62	62	70	69	64	68	65	66	68		
OWINGS FERRY LANDING	MAX	74	71	77	78	76	83	83	77	75	74	83	85	84	77	80	79	69	72	78	78	80	78	85	83	83	90	88	72	82	90		
	MIN	54	59	64	64	67	66	55	57	43	50	64	72	56	53	58	61	42	43	61	59	65	60	63	69	68	64	68	64	66	68		
PATUXENT RIVER	MAX	75	73	79	79	79	79	78	71	75	75	86	87	75	74	81	71	67	73	77	77	80	74	86	83	87	92	85	73	83	90		
	MIN	59	64	65	65	68	65	61	56	54	60	69	70	60	61	63	55	51	49	66	63	66	63	65	72	71	68	67	66	65	70		
<b>UPPER SOUTHERN 04</b>																																	
ANNAPOLIS POLICE BRKS	MAX	74	73	77	79	80	82	82	82	81	78	86	87	87	78	83	82	70	79	79	78	81	80	87	85	85	92	88	85	81	91		
	MIN	55	57	63	63	68	65	55	50	43	42	62	69	52	54	53	57	44	47	62	60	63	61	61	67	67	62	67	60	65	66		
	OBS																																
BALTIMORE WSO AP	MAX	73	70	75	78	75	81	76	72	75	74	85	86	78	76	81	70	66	72	80	77	84	74	89	85	83	93	85	70	83	92		
	MIN	54	60	65	66	66	61	54	48	44	51	63	69	56	53	57	52	45	42	63	59	65	64	63	70	67	63	62	61	67	67		
BELTSVILLE	MAX	75	74	71	75	77	74	80	77	70	76	74	84	85	77	78	81	70	68	73	80	78	84	74	87	85	84	93	85	70	84		
	MIN	48	59	60	63	67	64	51	55	40	46	56	71	55	62	56	62	40	38	47	58	60	63	64	68	66	62	70	60	63	68		
COLLEGE PARK	MAX	78	73	73	78	78	74	82	76	72	78	75	84	88	78	79	81	73	70	74	81	80	84	75	89	86	87	95	86	73	85		
	MIN	54	60	61	65	69	66	55	56	43	49	64	72	58	53	59	61	44	42	52	61	62	65	66	70	69	65	73	62	64	71		
DALECARLIA RESVR D C	MAX	76	71	74	78	76	81	80	72	76	75	84	85	84	79	81	79	69	73	80	80	84	81	87	87	92	85	78	85	88	91		
	MIN	55	57	68	62	71	65	70	54	44	48	60	82	62	59	64	67	53	41	59	58	62	59	68	70	62	64	60	68	63	75		
	OBS																	73															

SEE REFERENCE NOTES FOLLOWING STATION INDEX



# DAILY TEMPERATURES (°F)

MARYLAND AND  
DELAWARE  
SEPTEMBER 1986

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	73	68	76	77	75	82	78	71	76	74	84	83	80	76	80	76	69	73	80	79	83	77	88	83	81	92	89	70	83	92	78.9	
	MIN	51	59	63	64	67	62	53	54	40	45	62	71	52	51	52	57	39	37	62	57	62	60	64	67	67	61	69	59	66	66	58.0	
APPALACHIAN MOUNTAIN																																	
CUMBERLAND 2	MAX	72	69	72	75	86	80	72	72	80	86	91	88	81	79	82	77	72	67	81	85	85	86	86	82	87	90	82	78	91	89	80.8	
	MIN	56	61	64	64	55	52	47	41	41	48	59	52	52	51	51	40	40	44	57	60	60	62	64	67	67	65	65	65	64	64	55.9	
FROSTBURG 2	MAX	69	63	63	63	67	77	70	62	63	71	78	82	71	71	70	76	62	62	63	72	76	76	80	77	72	79	82	72	73	83	71.5	
	MIN	46	54	56	58	60	52	48	41	40	40	48	62	49	49	49	50	36	36	46	46	59	56	62	64	65	61	61	61	62	52.4		
HAGERSTOWN	MAX	72	67	72	77	78	78	76	72	76	79	87	83	80	79	81	76	70	71	78	82	82	76	89	83	87	92	83	80	85	94	79.5	
	MIN	48	58	64	64	66	52	52	51	42	51	63	68	53	53	50	54	39	48	59	58	62	57	64	67	67	61	66	61	65	67	57.7	
HANCOCK FRUIT LAB	MAX	73	68	69	72	80	79	78	70	75	82	89	86	82	79	81	81	69	67	77	82	83	80	88	84	86	90	90	81	87	92	80.0	
	MIN	51	59	63	65	52	64	47	45	36	42	59	64	46	47	46	55	33	36	54	57	57	57	58	66	65	64	66	63	65	60	54.7	
ALLEGHENY PLATEAU																																	
MC HENRY 2 NW	MAX	71	63	70	70	71	77	70	56	63	71	76	80	67	70	70	71	61	66	66	71	73	74	77	73	67	77	79	78	78	81	71.2	
	MIN	49	54	55	57	60	50	50	39	40	46	51	60	48	48	50	45	37	37	50	58	60	54	56	62	62	65	58	59	60	59	52.6	
OAKLAND 1 SE	MAX	69	66	69	70	76	72	69	63	71	77	80	79	79	70	75	73	66	64	71	73	77	77	75	73	79	81	77	79	82	81	73.8	
	MIN	49	55	65	62	61	45	45	36	31	39	57	61	47	41	45	48	32	39	60	59	58	50	56	64	66	64	59	58	54	59	52.2	
SAVAGE RIVER DAM	MAX	73	63	68	70	71	79	74	65	67	75	81	80	70	74	74	79	70	68	63	78	79	81	84	81	73	83	86	77	70	87	74.8	
	MIN	42	52	58	60	62	50	48	41	37	37	44	54	53	46	46	49	35	35	42	60	58	57	56	59	63	63	60	60	60	59	51.5	
DELAWARE																																	
NORTHERN																																	
MIDDLETOWN 3 E	MAX	74	68	76	80	77	81	78	72	76	76	86	85	82	73	80	66	67	74	76	77	79	76	89	81	79	90	79	71	84	90	78.1	
	OBS										***	***								***													
	MIN	50	60	62	62	66	67	53	57	44	48	64	67	55	51	49	57	40	43	60	51	63	57	62	66	66	62	61	59	64	67	57.8	
	OBS										***	***	***	***	***	***				***													
NEWARK UNIVERSITY FARM	MAX	76	71	76	80	76	78	80	71	75	77	86	85	82	75	81	76	68	75	73	77	81	76	87	81	79	90	89	69	82	88	78.7	
	MIN	50	60	63	61	67	57	54	56	42	47	62	66	53	50	50	55	43	40	60	52	62	58	62	66	68	60	59	59	63	67	57.1	
WILMINGTON WSO AP	MAX	74	69	75	78	76	80	77	71	75	76	85	85	77	73	79	70	67	72	73	76	80	77	88	80	77	89	71	69	81	87	76.7	
	MIN	53	61	65	64	67	60	55	49	46	50	63	67	55	53	54	50	43	43	58	54	63	60	65	68	66	63	60	60	65	68	58.3	
WILMINGTON PORTER RESVR	MAX	71	68	72	74	70	80	75	70	75	75	84	85	78	70	79	69	67	71	73	78	79	70	85	80	76	88	70	69	82	88	75.7	
	MIN	43	60	63	64	67	65	57	55	49	52	65	69	58	54	53	50	43	45	60	58	62	58	65	68	65	63	59	59	65	69	58.8	
SOUTHERN																																	
DOVER	MAX	79	72	78	79	81	83	82	75	76	77	88	88	84	79	82	79	70	75	76	79	81	78	88	87	80	91	90	73	83	91	80.8	
	MIN	53	62	63	64	61	68	56	58	45	52	63	63	59	54	52	58	44	44	61	55	64	58	62	68	69	65	64	62	61	69	59.2	
GEORGETOWN 5 SW	MAX	74	75	71	78	79	81	81	78	71	75	75	84	85	81	75	78	68	66	73	76	80	77	76	83	84	84	90	84	73	83	77.9	
	MIN	50	61	62	58	62	66	55	57	43	47	57	70	61	50	50	57	40	38	50	55	61	56	59	64	66	65	65	61	56	62	56.8	
GREENWOOD 2 NE	MAX	74	71	78	81	80	82	82	77	77	75	84	85	77	76	78	74	69	73	77	80	79	78	83	85	89	92	82	72	83	91	79.5	
	MIN	50	62	62	59	64	67	53	57	43	49	63	68	54	53	50	51	40	41	62	55	62	57	60	70	68	64	63	63	60	68	57.9	
LEWES	MAX	73	71	77	79	79	79	78	74	74	76	86	85	83	74	78	78	66	69	72	76	72	76	85	82	76	89	88	74	82	89	77.9	
	MIN	54	64	66	66	66	67	61	59	49	51	67	73	61	57	53	59	52	44	63	56	65	61	62	72	69	67	64	63	59	69	61.3	
MILFORD 4 SE	MAX	74	69	76	78	80	79	77	71	73	77	86	85	81	76	79	77	64	74	73	78	78	73	87	83	78	92	91	72	84	91	78.5	
	MIN	50	62	64	64	63	66	53	56	42	46	62	71	56	52	49	56	42	40	62	52	62	59	60	70	67	64	63	63	58	67	58.0	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

# EVAPORATION AND WIND

MARYLAND AND  
DELAWARE  
SEPTEMBER 1986

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		
<b>MARYLAND</b>																																	
UPPER SOUTHERN 04																																	
BELTSVILLE	WIND	12	0	1	12	24	6	16	29	26	17	38	73	01	37	28	46	84	27	39	32	23	38	39	41	20	16	30	52	23	38		
	EVAP	16	9	2	13	13	9	24	16	19	16	8	18	31	25	14	21	30	18	13	10	13	16	7	18	9	13	22	19	4	14		
	MAX	82	76	71	80	82	75	90	90	80	83	75	87	85	85	85	85	75	78	77	80	79	86	75	89	83	87	91	83	70	85		
	MIN	55	62	62	66	68	68	61	60	51	51	55	66	57	57	58	61	47	47	48	54	55	65	64	68	70	68	69	64	65	69		
UPPER MARLBORO 3 NNW	WIND	0	1	0	0	0	0	1	1	1	0	4	19	8	4	1	3	20	3	5	1	0	4	0	4	0	1	0	8	0	4		
	EVAP	14	8	3	7	10	5	18	16	6	15	5	15	17	19	13	13	25	12	10	6	6	14	7	13	5	10	11	13	5	10		
	MAX	85	79	75	84	86	77	92	83	80	85	76	89	89	86	84	86	80	78	78	81	80	86	79	90	85	88	91	88	73	86		
	MIN	55	60	62	65	66	68	62	60	52	55	55	64	59	57	56	60	47	48	48	63	63	66	63	63	69	67	66	65	62	65		
<b>ALLEGHENY PLATEAU 08</b>																																	
SAVAGE RIVER DAM	WIND	14	10	16	23	14	23	29	17	17	11	8	18	47	31	24	29	27	15	7	9	14	18	14	21	6	13	18	10	20	11		
	EVAP	17	8	6	4	3	11	3	1	19	35	5	16	18	15	3	12	20	6	11	2	11	10	10	9	7	7	18	7	4	1		
	MAX	82	63	68	68	69	76	80	62	77	81	77	81	79	80	75	74	78	72	65	72	75	78	82	74	72	79	84	73	75	87		
	MIN	50	57	58	61	62	56	55	49	46	47	53	58	65	57	53	53	45	45	48	50	62	60	60	62	65	64	65	64	64	59		
<b>DELAWARE</b>																																	
NORTHERN 01																																	
NEWARK UNIVERSITY FARM	WIND	11	4	12	33	13	15	12	11	11	12	21	31	25	16	8	33	21	10	6	6	11	19	21	19	15	19	34	35	20	26		
	EVAP	15	17	5	6	5	34	10	1	19	1	16	15	16	23	16	21	11	20	5	7	5	9	16	8	3	1	1	5	6	9		
	MAX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	MIN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
<b>SOUTHERN 02</b>																																	
GEORGETOWN 5 SW	WIND	29	27	22	32	33	56	37	29	18	23	86	53	92	33	51	18	06	33	77	6	52	48	58	22	34	29	50	52	22	85		
	EVAP	18	11	6	15	15	16	16	19	5	22	11	25	22	15	22	18	29	16	14	8	12	9	13	22	10	12	56	1	18	15		
	MAX	85	81	78	87	87	88	83	86	78	85	71	88	86	78	82	81	75	76	77	80	85	78	83	87	82	86	92	88	75	84		
	MIN	58	66	66	65	65	68	65	64	55	55	58	67	62	56	55	53	43	46	50	63	67	63	63	63	69	70	66	63	63	63		

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

# STATION INDEX

MARYLAND AND  
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STATION	INDEX NO.	DIVISION	COUNTY	LATITUDE	LONGITUDE	ELEVATION (IN FEET)	OBSERVATION TIME AND TABLES				OBSERVER		
							LOCAL TIME		EVAP	SPECIAL (SEE NOTES)			
							TEMP	PRECIP					
MARYLAND													
ABERDEEN PHILLIPS FLD	0015	06	HARFORD	39 28	76 10W	57	16	16		C	H	ROSS AVIATION INC	
ANNAPOLIS POLICE BRKS	0193	04	ANNE ARUNDEL	38 59	76 30W	25	17	17			H	ANNAPOLIS POLICE BRKS	
ASSATEAGUE ISLAND NATL	0335	01	WORCESTER	38 14	75 8W		7	7			H	NATIONAL PARK SERVICE	
BALTIMORE HSO AP	0465	04	ANNE ARUNDEL	39 11	76 40W	196	MID	MID		C	H	NATL WEATHER SERVICE	
BALTIMORE HSO CI	0470	06	BALTO CITY	39 17	76 37W	91	MID	MID		C	H	OCCI COMMANDING OFFICER	
BELTSVILLE	0700	04	PRN GEORGES	39 2	76 53W	120	8	8		8	C	H	U S DEPT OF AGRICULTURE
BENSON POLICE BARRACKS	0732	06	HARFORD	39 30	76 23W	365	17	17				MARYLAND STATE POLICE	
BOYDS 2 NW	1032	06	MONTGOMERY	39 13	77 20W	580	18	18				HUNTER F STALEY	
BRIGHTON DAM	1125	06	MONTGOMERY	39 12	77 1W	330		MID				WASH SUB SANY COMM	
CAMBRIDGE WTR TRMT PL	1385	02	DORCHESTER	38 34	76 4W	5	16	16			H	WASTEWATER TRTMT PLANT	
CATOCTIN MOUNTAIN PARK	1530	06	FREDERICK	39 39	77 29W	1610	17	17		C	H	CATOCTIN MOUNTAIN PARK	
CENTREVILLE	1627	05	QUEEN ANNES	39 3	76 4W	60	17	17			H	INACTIVE 02/01/86	
CHESTERTOWN	1750	05	KENT	39 13	76 4W	40	23	23			H	THOMAS W ELIASON JR	
CLARKSVILLE 3 NNE	1862	06	HOWARD	39 15	76 56W	365	17	17				UNIVERSITY OF MARYLAND	
COLLEGE PARK	1995	04	PRN GEORGES	38 59	76 57W	90	9	9		C	H	UNIVERSITY OF MARYLAND	
CONOWINGO DAM	2060	06	HARFORD	39 39	76 10W	40	MID	MID			H	SUSQUEHANNA ELECTRIC CO	
CRISFIELD SOMERS COVE	2215	01	SOMERSET	37 59	75 52W	8	17	17				SOMERS COVE MARINA	
CUMBERLAND 2	2282	07	ALLEGANY	39 38	78 45W	730	18	7			H	TIMOTHY B THOMAS	
DALECARLIA RESVR D C	2325	04		38 56	77 7W	146	17	17				U S CORPS OF ENGINEERS	
DAMASCUS 2 SW	2335	06	MONTGOMERY	39 16	77 14W	720	19	19			H	RICHARD W SCHWERDT	
DENTON 2 E	2523	02	CAROLINE	38 53	75 48W	50	17	17			H	ARTHUR REINHOLD	
EDGEMONT	2770	07	WASHINGTON	39 40	77 33W	905		7				JOHN W HARNE	
EMMITSBURG 2 SE	2906	06	FREDERICK	39 41	77 18W	416	17	17			H	MRS LUCILLE K BEALE	
FREDRICK POLICE BRKS	3348	06	FREDERICK	39 25	77 26W	380	17	17			H	MARYLAND STATE POLICE	
FREDERICK 3 E	3355	06	FREDERICK	39 24	77 22W	385		7				MISS I MARY STALEY	
FROSTBURG 2	3415	07	ALLEGANY	39 40	78 56W	2170	7	7			H	LEE K CLOSE	
GLENN DALE BELL STN	3675	04	PRN GEORGES	38 58	76 48W	150	16	16			H	USDA PLT INTRODUCT STN	
HAGERSTOWN	3975	07	WASHINGTON	39 39	77 44W	660	18	18				HAGERSTOWN RESERVOIR	
HANCOCK FRUIT LAB	4030	07	WASHINGTON	39 42	78 11W	428	16	16		C	H	SHARPSBURG RESEARCH C	
LA PLATA 1 W	5080	03	CHARLES	38 32	77 0W	140	18	18			H	C RUSSELL LEVERING	
LAUREL 3 W	5111	04	PRN GEORGES	39 6	76 54W	400	MID	MID				WASH SUB SANY COMM	
MC HENRY 2 NW	5832	08	GARRETT	39 35	79 22W	2680	8	8		C	H	JOSEPH F JOHENNING	
MECHANICSVILLE 1 E	5865	03	ST MARYS	38 27	76 41W	100	19	19				SANDRA J HASTING	
MERRILL	5894	08	GARRETT	39 36	79 5W	1790		9				DELWOOD E MERRILL	
MILLINGTON 1 SE	5985	05	KENT	39 16	75 52W	30	18	18			H	HOWARD L HARVEY	
NATIONAL ARBORETUM D C	6350	04		38 54	76 59W	50	8	8			H	U S NATL ARBORETUM	
OAKLAND 1 SE	6620	08	GARRETT	39 24	79 24W	2420	17	17			H	BEA J CROSCO	
OWINGS FERRY LANDING	6770	03	CALVERT	38 41	76 40W	160	17	17			H	JAMES C RASMUSSEN	
PARKTON 2 SW	6844	06	BALTIMORE	39 38	76 42W	600	23	23		C	H	JOHN R FOX	
PATUXENT RIVER	6915	03	ST MARY'S	38 20	76 25W	38	MID	MID				NAVAL WEATHER SERVICE	
POTOMAC FILTER PLANT	7272	06	MONTGOMERY	39 2	77 15W	270		8				POTOMAC WATER FILT PLT	
PRINCESS ANNE	7330	01	SOMERSET	38 13	75 41W	20	17	17			H	UNIVERSITY MARYLAND EAST	
ROCKVILLE 1 NE	7705	06	MONTGOMERY	39 6	77 6W	440	17	17			H	WASH GAS & LIGHT CO	
ROYAL OAK 2 SSW	7806	02	TALBOT	38 43	76 11W	10	18	18			H	JOHN L SWAINE JR	
SALISBURY	8000	01	WICOMICO	38 22	75 35W	10	17	17				CITY OF SALISBURY	
SALISBURY FAA AP	8005	01	WICOMICO	38 20	75 31W	48	MID	MID			H	FAA	
SAVAGE RIVER DAM	8065	08	GARRETT	39 31	79 8W	1495	8	8		8	C	H	U S CORPS OF ENGINEERS
SNOW HILL 4 N	8380	01	WORCESTER	38 14	75 23W	28	18	18			H	CURTIS E SHOCKLEY	
TOWSON	8877	06	BALTIMORE	39 23	76 34W	390	18	18				BENDIX FRIEZ	
UNIONVILLE	9030	06	FREDERICK	39 27	77 11W	430	18	18			C	H	CAROLINE R VON EIFF
UPPER MARLBORO 3 NNW	9070	04	PRN GEORGES	38 52	76 47W	98	8	8		8	H	TOBACCO EXP FARM	
VIENNA	9140	02	DORCHESTER	38 29	75 50W	12	18	18			H	DELMARVA POWER & LIGHT	
WESTMINSTER POLICE BRK	9440	06	CARROLL	39 33	76 58W	765	17	17				MARYLAND STATE POLICE	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

# STATION INDEX

MARYLAND AND  
DELAWARE  
SEPTEMBER 1986

STATION	INDEX NO.	DIVISION	COUNTY	LATITUDE	LONGITUDE	ELEVATION (IN FEET)	OBSERVATION TIME AND TABLES				OBSERVER
							LOCAL		STD TIME		
							TEMP	PRECIP	EVAP	SPECIAL (SEE NOTES)	
WOODSTOCK	9750	06	BALTIMORE	39 20	76 52W	460	18	18		H	JOHN A HILTZ
DELAWARE											
DOVER	2730	002	KENT	39 9	75 31W	30	17	17		H	STATE DIV OF HIGHWAYS
GEORGETOWN 5 SW	3570	002	SUSSEX	38 38	75 27W	45	8	8	8C	H	UNIV OF DEL SUBSTATION
GREENWOOD 2 NE	3595	002	SUSSEX	38 50	75 35W	45	18	18		H	DANIEL M SWARTZENTRUBER
LEWES	5320	002	SUSSEX	38 46	75 8W	15	17	17		H	BOARD OF PUBLIC WORKS
MIDDLETOWN 3 E	5852	001	NEW CASTLE	39 27	75 40W	55	17	17		H	DAVID S NEYHARD
MILFORD 4 SE	5915	002	SUSSEX	38 54	75 28W	30	17	17		H	DAVID S SCHLOTT
NEWARK UNIVERSITY FARM	6410	001	NEW CASTLE	39 40	75 44W	90	17	17	17C	H	UNIV OF DELAWARE
WILMINGTON WSO AP	R 9595	001	NEW CASTLE	39 40	75 36W	79	MID	MID		C H J	NATL WEATHER SERVICE
WILMGTN PORTER RESVR	9605	01	NEW CASTLE	39 46	75 32W	274	MID	MID		H	WATER DEPARTMENT

SEE REFERENCE NOTES FOLLOWING STATION INDEX

# REFERENCE NOTES

MARYLAND AND  
DELAWARE  
SEPTEMBER 1986

## DEFINITIONS

**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.

**DIVISIONS:** Areas within a state of similar climatological characteristics. Division averages are calculated using data from stations that record both temperature and precipitation (ie: not precipitation alone).

**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.

**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.

**PRECIPITATION:** Values shown in hundredths of inches are water equivalent totals, i.e. total of liquid and melted frozen precipitation. In the "MONTHLY SUMMARIZED DATA" table the total snow and sleet values shown in tenths of inches are unmelted amounts. The max. depth on ground values of snow and sleet shown in whole inches are cumulative unmelted amounts. The no. of days with .10, .50, 1.00 or more refers to water equivalents.

**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.

## SYMBOLS AND LETTERS USED IN THE STATION INDEX TABLE

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

## SYMBOLS AND LETTERS USED IN THE DATA TABLES

(DAILY DATA ARE FOR THE 24 HOURS IMMEDIATELY PRECEDING OBSERVATION TIME.)

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.

\* Rain gage not read. Precipitation is included in the amount following the asterisks. Time distribution not known. A \* preceding the monthly total indicates precipitation amount is being carried forward to next months total, and may include amounts from the previous month(s).

// Rain gage equipped with a windshield.

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

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

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

R Amounts from recording rain gage.

T Trace. An amount too small to measure.

V Includes total for previous month(s). (See \* above)

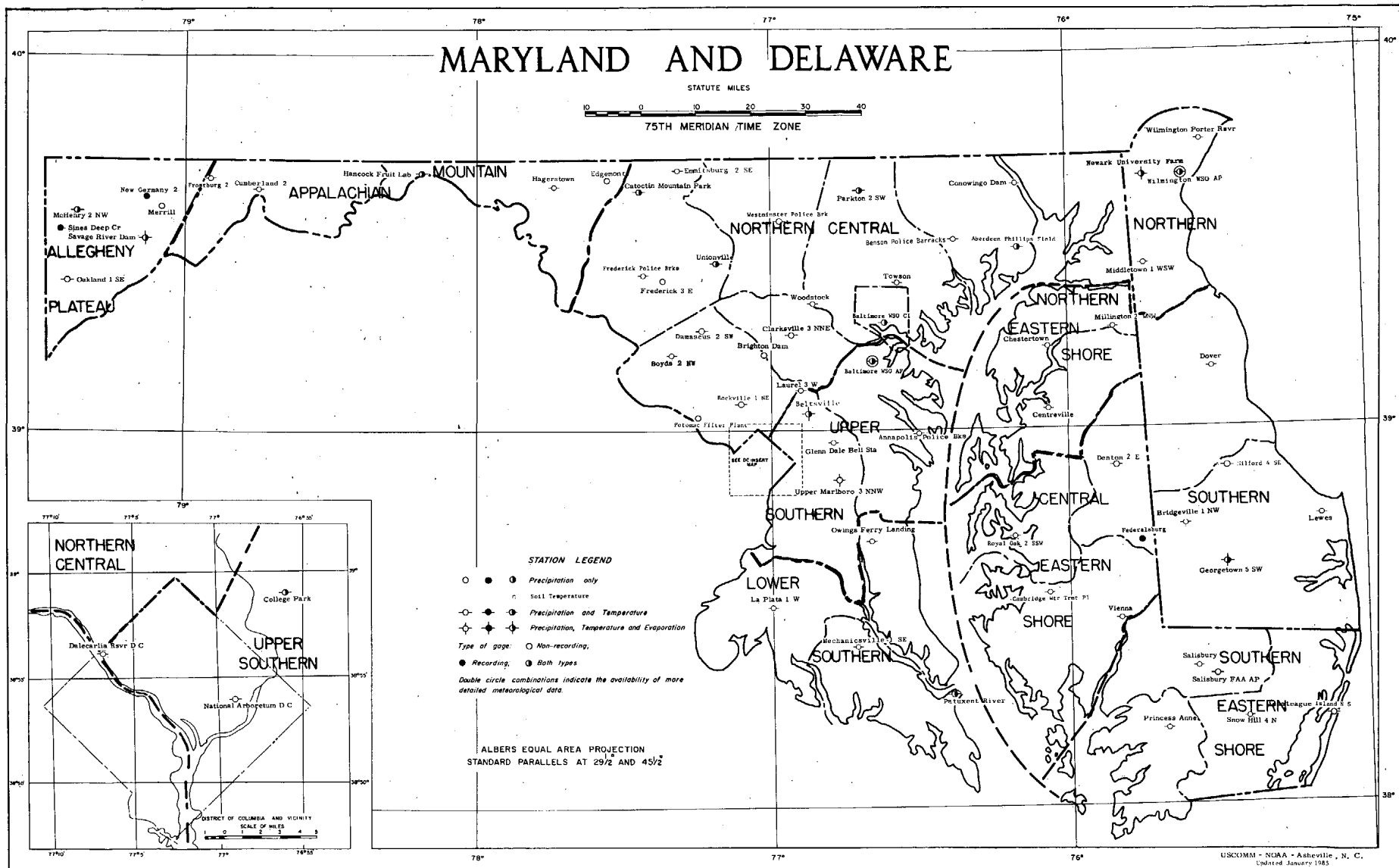
Additional Information regarding the climate of this state may be obtained by writing to the National Climatic Data Center, Federal Building, Asheville, N. C. 28801-2696, or to any Weather Service Office near you. Additional precipitation data are contained in the "Hourly Precipitation Data" bulletin for each state, except Alaska.

Seasonal Tables: Monthly and seasonal snowfall and heating degree days for the 12 months ending with the June data are published in the July issue of this bulletin. Cooling degree days for the calendar year are 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 historical information for regular National Weather Service Offices may be obtained from the "Local Climatological Data" annual publication.

SUBSCRIPTION, PRICE AND ORDERING INFORMATION AVAILABLE FROM:  
NATIONAL CLIMATIC DATA CENTER  
FEDERAL BUILDING  
ASHEVILLE, NC 28801-2696

USCOMM-NOAA-ASHEVILLE, N.C. SEPTEMBER 1986-0800





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DEPARTMENT OF COMMERCE  
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION  
NATIONAL ENVIRONMENTAL SATELLITE, DATA, AND INFORMATION SERVICE  
NATIONAL CLIMATIC DATA CENTER  
FEDERAL BUILDING  
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