

# CLIMATOLOGICAL DATA

## MARYLAND AND DELAWARE

JULY 1986

VOLUME 90 NUMBER 7



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**noaa**

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# TEMPERATURE AND PRECIPITATION EXTREMES

MARYLAND AND  
DELAWARE  
JULY 1986

MARYLAND  
 HIGHEST TEMPERATURE 104  
 LOWEST TEMPERATURE 41  
 GREATEST TOTAL PRECIPITATION 10.18  
 LEAST TOTAL PRECIPITATION 1.16  
 GREATEST 1 DAY PRECIPITATION 3.12

DELAWARE  
 HIGHEST TEMPERATURE 98  
 LOWEST TEMPERATURE 49  
 GREATEST TOTAL PRECIPITATION 4.98  
 LEAST TOTAL PRECIPITATION 2.05  
 GREATEST 1 DAY PRECIPITATION 2.00

JULY 6  
 JULY 4

JULY 17

JULY 7  
 JULY 4

JULY 14

CONOWINGO DAM  
 OAKLAND 1 SE  
 MC HENRY 2 NW  
 VIENNA  
 MC HENRY 2 NW

2 STATIONS  
 NEWARK UNIVERSITY FARM  
 MIDDLETOWN 3 E  
 GEORGETOWN 5 SW  
 LEWES

# MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

MARYLAND AND  
DELAWARE  
JULY 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
MARYLAND																					
SOUTHERN EASTERN SHORE 01																					
ASSATEAGUE ISLAND NATL SE	87.8	68.2	78.0		101 8	54 15	0	409 9	0	0	0	2.02		1.12 19	.0	0		5	1	1	
CRISFIELD SOMERS COVE					93 7	51 4						3.37		1.17 26	.0	0		3	0	0	
PRINCESS ANNE	91.0	67.6	79.3	3.3	98 13	49 4	0	454 2	0	0	0	3.21		1.11 25	.0	0		3	0	0	
SALISBURY	89.0	69.9	79.6	2.6	97 13+	55 4	0	458 15	0	0	0	3.15		1.06 1	.0	0		6	0	0	
SALISBURY FAA AP	89.7	69.3	79.5	3.0	97 13+	54 4	0	459 17	0	0	0	1.53	-1.07	.42 2	.0	0		6	0	0	
SNOW HILL 4 N	90.4	66.8	78.6	2.7	99 13+	48 4	0	430 16	0	0	0	2.64	-1.35	.65 18	.0	0		7	3	0	
--DIVISIONAL DATA-->																					
			79.0	2.4								2.51	-1.42		.0						
CENTRAL EASTERN SHORE 02																					
CAMBRIDGE WTR TRMT PL	91.8	70.2	81.0	4.1	99 13	58 4	0	505 22	0	0	0	3.70	-.61	1.12 19	.0	0		6	2	2	
DENTON 2 E																					
ROYAL OAK 2 SSW	89.1	69.8	79.5	1.8	96 13+	52 4	0	455 15	0	0	0	3.35	-1.04	.89 17	.0	0		7	2	0	
VIENNA	94.0	69.6	81.8	4.4	101 14+	55 4	0	527 26	0	0	0	1.16	-2.78	.52 17	.0	0		3	1	0	
--DIVISIONAL DATA-->																					
			80.8	3.6								2.74	-1.40		.0						
LOWER SOUTHERN 03																					
LA PLATA 1 W	85.4	68.7	77.1	1.2	90 18+	54 4	0	380 6	0	0	0	4.19	.16	1.22 9	.0	0		8	3	1	
MECHANICSVILLE 5 NE	88.0	68.2	78.1		95 13+	51 4	0	415 12	0	0	0	5.30		2.18 17	.0	0		6	3	2	
OWINGS FERRY LANDING	89.7	68.5	79.1	2.8	97 7	53 4	0	445 17	0	0	0	4.98	1.32	1.65 21	.0	0		7	4	2	
PATUXENT RIVER	89.5	72.5	81.0		99 13	62 4	0	505 14	0	0	0	1.69		.65 16	.0	0		5	1	0	
--DIVISIONAL DATA-->																					
			78.8	2.1								4.04	-.06		.0						
UPPER SOUTHERN 04																					
ANNAPOLIS POLICE BRKS	92.0	68.6	80.3		100 7	56 4	0	484 24	0	0	0	3.37		1.58 21	.0	0		7	2	1	
BALTIMORE WSO AP	89.5	69.2	79.4	2.6	99 7	53 4	0	452 13	0	0	0	4.12		2.44 20	.0	0		6	2	1	
BELTSVILLE	89.7	66.9	78.3	3.1	99 19	53 4	0	419 17	0	0	0	2.75	-1.33	1.47 21	.0	0		7	1	1	
COLLEGE PARK	91.2	70.2	80.7	3.5	100 19	53 4	0	492 20	0	0	0	4.03	-.03	1.82 21	.0	0		6	3	1	
DALECARLIA RESVR D C	91.6	69.1	80.4	3.2	98 18	53 4	0	483 22	0	0	0	4.30	-.26	1.49 3	.0	0		7	3	2	
GLENN DALE BELL STN	90.1	65.4	77.8	2.2	98 19+	45 4	2	403 15	0	0	0	3.55	-.76	1.47 21	.0	0		9	2	1	
LAUREL 3 W	90.2	70.8	80.5	3.3	100 18	60 1	0	483 15	0	0	0	3.72	-.16	1.82 20	.0	0		6	2	1	
NATIONAL ARBORETUM D C	85.1	66.8	76.0	-1.7	94 19	51 4	1	347 6	0	0	0	5.02	-.82	1.88 3	.0	0		6	3	2	
UPPER MARLBORO 3 NNW	89.4	65.2	77.3		98 19	48 4	1	390 16	0	0	0	4.23	-.17	1.02 21	.0	0		7	3	1	
--DIVISIONAL DATA-->																					
			79.0	2.5								3.90	-.09		.0						
NORTHERN EASTERN SHORE 05																					
CHESTERTOWN	90.0	69.1	79.6	2.7	98 7	54 4	0	459 17	0	0	0	1.75	-2.19	.74 2	.0	0		5	1	0	
MILLINGTON 1 SE	88.7	66.6	77.7	2.1	98 7	49 4	0	399 11	0	0	0	2.04	-1.83	.64 2	.0	0		5	2	0	
--DIVISIONAL DATA-->																					
			78.7	2.2								1.90	-2.03		.0						
NORTHERN CENTRAL 06																					
ABERDEEN PHILLIPS FLD	88.9	69.3	79.1		98 8+	56 3	0	448 13	0	0	0	1.48			.0	0		2	0	0	
BALTIMORE WSO CI	91.9	73.8	82.9	3.0	102 7+	64 4	0	559 20	0	0	0	3.12	-.91	1.57 20	.0	0		4	3	1	
BENSON POLICE BARRACKS	92.1	67.7	79.9	5.0	100 8+	51 4	0	468 24	0	0	0	1.99	-2.36	.72 21	.0	0		5	2	1	
BOYDS 2 NW	88.9	67.5	78.2		97 26	52 4	0	419 13	0	0	0	3.30		2.58 20	.0	0		3	1	0	
CATOCTIN MOUNTAIN PARK	81.5	64.8	73.2		89 18	54 4	2	261 0	0	0	0	1.60		.59 2	.0	0		3	2	0	
CLARKSVILLE 3 NNE	89.3	64.8	77.1		98 7	46 4	0	380 14	0	0	0	2.77		.71 21	.0	0		7	2	0	
CONOWINGO DAM	84.6	66.6	75.6		51 04 6	53 4	0	337 7	0	0	0	2.00	-2.37	.72 20	.0	0		4	1	0	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

# MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

MARYLAND AND  
DELAWARE  
JULY 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	87.5	66.5	77.0		96 18	51 4	0	376 14	0	0	0	0	2.97		1.69 20	.0	0		5	1	1
EMMITSBURG 2 SE	88.7	65.0	76.9		98 21+	46 4	0	376 13	0	0	0	0	2.27		1.65 21	.0	0		4	0	0
FREDRICK POLICE BRKS	91.8	68.0	80.2		99 19+	53 4	0	479 21	0	0	0	0	1.79		1.49 22	.0	0		4	0	0
PARKTON 2 SW	87.4	62.2	74.8		97 7	45 4	1	314 13	0	0	0	0	3.21		1.52 20	.0	0		5	2	1
ROCKVILLE 1 NE	88.9	69.5	79.2	3.5	98 18	50 4	0	450 15	0	0	0	0	2.56	-1.22	1.32 20	.0	0		4	1	1
TOWSON	91.6	68.5	80.0	M	100 7	53 4	0	483 23	0	0	0	0	3.98	-1.75	1.07 21	.0	0		7	2	1
UNIONVILLE	91.7	58.8	75.3	1.7	98 18+	44 5	0	324 20	0	0	0	0	1.96	-1.63	1.59 21	.0	0		5	1	1
WESTMINSTER POLICE BRK	89.4	65.9	77.7	3.5	96 19+	51 4	0	398 16	0	0	0	0	3.17	-1.83	2.35 21	.0	0		5	1	1
WOODSTOCK	90.3	66.8	78.6	3.7	99 7	50 4	0	426 17	0	0	0	0	2.51	-1.05	1.02 14	.0	0		4	3	1
--DIVISIONAL DATA-->			77.9	2.8									2.51	-1.39		.0					
APPALACHIAN MOUNTAIN																					
07																					
CUMBERLAND 2	87.8	64.9	76.4	2.0	96 18	50 3	1	361 13	0	0	0	0	4.13	.94	1.00 9	.0	0		12	2	1
FROSTBURG 2	79.4	61.2	70.3		86 21+	46 4	16	187 0	0	0	0	0	6.72	.98 10		.0	0		14	4	0
HAGERSTOWN	89.6	66.1	77.9	3.0	99 18	51 4	0	405 16	0	0	0	0	2.23	-1.11	.62 2	.0	0		6	1	0
HANCOCK FRUIT LAB	87.8	63.4	75.6	2.7	95 20+	46 4	1	339 13	0	0	0	0	2.29	-1.27	.56 2	.0	0		6	1	0
--DIVISIONAL DATA-->			75.1	1.7									3.84	.42		.0					
ALLEGHENY PLATEAU																					
08																					
MC HENRY 2 NW	78.6	60.3	69.5		85 27+	48 4	19	168 0	0	0	0	0	10.18		3.12 17	.0	0		12	6	4
OAKLAND 1 SE	79.9	60.1	70.0	2.6	86 27+	41 4	14	176 0	0	0	0	0	6.24	1.56	1.64 9	.0	0		14	5	1
SAVAGE RIVER DAM	82.2	61.2	71.7	2.2	89 9	45 4	11	225 0	0	0	0	0	9.99	2.37	1.10 25	.0	0		12	5	1
--DIVISIONAL DATA-->			70.4	2.7									7.47	3.20		.0					
DELAWARE																					
NORTHERN																					
01																					
MIDDLETOWN 3 E	86.1	66.4	76.3		95 7	51 4	0	355 8	0	0	0	0	4.98		1.08 1	.0	0		9	6	1
NEWARK UNIVERSITY FARM	88.2	66.2	77.2	1.5	98 7	49 4	0	385 10	0	0	0	0	3.69	-.63	.88 19	.0	0		9	9	0
WILMINGTON WSO AP	86.3	67.8	77.1	1.1	96 7	52 4	0	379 9	0	0	0	0	3.99	-1.09	1.67 2	.0	0		6	2	0
WILMGTN PORTER RESVR	86.0	68.8	77.4	2.5	97 7	53 1	0	391 9	0	0	0	0	2.76	-1.37	.73 2	.0	0		6	3	0
--DIVISIONAL DATA-->			77.0	1.3									3.86	-.14		.0					
SOUTHERN																					
02																					
DOVER																					
GEORGETOWN 5 SW	88.9	67.6	78.3	2.2	97 8	51 4	0	420 14	0	0	0	0	2.05	-1.97	.64 13	M	M		5	1	0
GREENWOOD 2 NE	88.7	68.3	78.5		97 7	51 4	0	430 12	0	0	0	0	4.41		1.25 17	.0	0		7	3	0
LEWES	89.8	70.5	80.2	5.0	97 13+	56 4	0	479 16	0	0	0	0	3.15	-1.01	2.00 14	.0	0		5	1	1
MILFORD 4 SE	88.7	67.9	78.3	1.8	98 7	54 4	0	421 13	0	0	0	0	2.26	-2.12	.85 14	.0	0		5	1	0
--DIVISIONAL DATA-->			78.8	2.6									2.97	-1.26		.0					

SEE REFERENCE NOTES FOLLOWING STATION INDEX

# DAILY PRECIPITATION (INCHES)

MARYLAND AND  
DELAWARE  
JULY 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	2.02		.02	.05	.02												
CRISFIELD SOMERS COVE	.37		.10	.10						.21				.29			
PRINCESS ANNE	3.21			.04						.21	.05					.25	
SALISBURY	3.15	T		.06	.98					.10	.08	.03		.20		.26	
SALISBURY FAA AP	1.53	.05		.42						.24		T		.06			
SNOW HILL 4 N	2.64	T		.01	.15					.20	.06	T	.02			.14	
CENTRAL EASTERN SHORE 02																	
CAMBRIDGE WTR TRMT PL	3.70	T		.03	.32												.06
DENTON 2 E	3.35	T		.12	.40												
ROYAL OAK 2 SSW	1.16			.04	.28					.09	.13						.32
VIENNA										.09				.83			
LOWER SOUTHERN 03																	
LA PLATA 1 W	4.19		.07	.23	.28												
MECHANICSVILLE 5 NE	5.30		.09	.08	.24									.19		.35	
OWINGS FERRY LANDING	4.98		.01	.09	.70					1.22		.02		.02		.44	
PATUXENT RIVER	1.69		.03	.13						.56						.16	.27
UPPER SOUTHERN 04																	
ANNAPOLIS POLICE BRKS	3.37			.17													
BALTIMORE WSO AP	4.12		.02	.49		.16								.61	.03	.11	
BELTSVILLE	2.75			.41	.26				T	.13		T		.02	.63		
COLLEGE PARK	4.03	T		.42	.72									.01	.08	.15	
DALECARLIA RESVR D C	4.30		.01	.50	1.49					.12				.04	T	.02	
GLENN DALE BELL STN	3.55			.37	.46					.18				.06	.18	.10	
LAUREL 3 W	3.72			.68						.14	.02	.02		T	.10	.04	
NATIONAL ARBORETUM D C	5.02			.31	1.88				.15	.11		.05		.05	.39		
UPPER MARLBORO 3 NNW	4.23			.21	.91						.13			.04	.27	.55	.84
NORTHERN EASTERN SHORE 05																	
CHESTERTOWN	1.75		.02	.74													
MILLINGTON 1 SE	2.04			.64	.10					T		T	T		.05		
NORTHERN CENTRAL 06																	
ABERDEEN PHILLIPS FLD	1.48			.49													
BALTIMORE WSO CI	3.12		.02	.68										T	*	*	.03
BENSON POLICE BARRACKS	1.99			.51												.67	
BOYDS 2 NW	3.30				.24										.05	.03	
BRIGHTON DAM	4.39	T		.72										.08	.47		
CATOCTIN MOUNTAIN PARK	1.60		.01	.59						.50		.04		.01	.02		
CLARKSVILLE 3 NNE	2.77			.65	.01									.01	.10	.02	.22
CONOWINGO DAM	2.00	T		.49						.24	.01			T	.02		
DAMASCUS 2 SW	2.97	T		.20	.02					.07	.02			T	.07		
EMMITSBURG 2 SE	2.27			.54						.34				.01	.05	.24	.20
FREDRICK POLICE BRKS	1.79			.49						T				T			
FREDERICK 3 E	3.08	T		.86						.08				T	.02		
PARKTON 2 SW	3.21			.54						.20	.03			T	.02		.06
POTOMAC FILTER PLANT	2.16			.52						.47	.30			T		.12	.32
ROCKVILLE 1 NE	2.56		.07	.69						.05							
TOWSON	3.38			.69						.05				.06		.23	
UNIONVILLE	1.96				.02									.05		.04	.37
WESTMINSTER POLICE BRK	3.17			.39						.02				.01	.01		
WOODSTOCK	2.51			.56	T					.12				T			.01
										.13				T	.05		1.02

SEE REFERENCE NOTES FOLLOWING STATION INDEX

# DAILY PRECIPITATION (CONT)

MARYLAND AND  
DELAWARE  
JULY 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 NAIL SE		.10		1.12	.07	.04									.10	
CRISFIELD SOMERS COVE										1.11	.17				.73	
PRINCESS ANNE		.58		.14		.06				.33		.04			.16	
SALISBURY		.55	.28	.05		.07	T			T				.19	.16	
SALISBURY FAA AP	.18	.18	.13	.01	.02	.03										
SNOW HILL 4 N		.54	.65	.64		.03					.06				.16	
CENTRAL EASTERN SHORE 02																
CAMBRIDGE WTR TRMT PL		1.08		1.12		.44	T		T	T			.40		.03	
DENTON 2 E																
ROYAL OAK 2 SSW		.89		.13		.44									.08	
VIENNA		.52		.05		.14			.05	.05						
LOWER SOUTHERN 03																
LA PLATA 1 W		.74			.87		T								.02	
MECHANICSVILLE 5 NE		2.18			.34	1.35	T	.19								
OWINGS FERRY LANDING		1.06			T	1.65							.02		.25	
PATUXENT RIVER	.65		T	.04	.40	.02		T						.30		
UPPER SOUTHERN 04																
ANNAPOLIS POLICE BRKS		.49		.03	.10	1.58									.05	
BALTIMORE WSO AP	.25		.02		2.44		T				T	T		.12		
BELTSVILLE				.10	.15	1.47					T				.72	
COLLEGE PARK		T		T	.11	1.82					T				.11	
DALECARLIA RESVR D C		.32		.02	.16	1.17									.15	
GLENN DALE BELL STN				.70	.08	1.47										
LAUREL 3 W	.03		.44		1.82											
NATIONAL ARBORETUM D C		.03			.30	1.51										
UPPER MARLBORO 3 NNW		.02		.53	.14	1.02									.28	
NORTHERN EASTERN SHORE 05																
CHESTERTOWN	.10		.13		.43	T					T			.28		
MILLINGTON 1 SE		.12	.01	.58	.05	.42				.06	T					.01
NORTHERN CENTRAL 06																
ABERDEEN PHILLIPS FLD	R	T	.13	*	*	.83								T	T	
BALTIMORE WSO CI			.05		1.57									.10	T	
BENSON POLICE BARRACKS		.22			.30	.72							.18		T	
BOYDS 2 NW					2.58											
BRIGHTON DAM	.11			.02	2.14				.39	.01				T		
CATOCTIN MOUNTAIN PARK					.05	.39										
CLARKSVILLE 3 NNE		.02		.03	.38	.71									.34	
CONOWINGO DAM	.22		.09		.72							.04			.32	
DAMASCUS 2 SW	T	.06		.07	1.69	.02	.01		.02			T		.04		
EMMITSBURG 2 SE		T				1.65					T			.04		
FREDRICK POLICE BRKS		.09			.40	.41			.03					.04		
FREDERICK 3 E		.03			.22	.76									T	
PARKTON 2 SW	.22		.49	.02	1.52							T	.37		T	T
POTOMAC FILTER PLANT	.06			.05	1.35									.05		
ROCKVILLE 1 NE			.07	.05	1.32											
TOWSON		.20	.05	.20	.42	1.07									.28	
UNIONVILLE		.05				1.59										
WESTMINSTER POLICE BRK		.16			.10	2.35								T		
WOODSTOCK		.09	.04		.04	.58										

SEE REFERENCE NOTES FOLLOWING STATION INDEX

# DAILY PRECIPITATION (INCHES)

MARYLAND AND  
DELAWARE  
JULY 1986

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	4.13	.04	.61	.10						1.00	.40		.13	.35	.15	
EDGE MONT	1.78		.63	.05						.34	.10		.01	.03		
FROSTBURG 2	6.72	.05	.77	.29						.93	.98		.44	.48	.36	
HAGERSTOWN	2.23	.09	.62	.03					T	.28		.05	.06			
HANCOCK FRUIT LAB	2.29	.04	.56	T					.30	.44		.05	.35	.17	.07	
ALLEGHENY PLATEAU 08																
MC HENRY 2 NW	10.18	.05	1.01	.74						T	.95		.44	1.08	.14	
MERRILL	4.92	.02	1.00	.50						.05	.52		.42	.43	.14	
OAKLAND 1 SE	6.24		.78	.47						1.64	.07	.17	.24	.11	.81	
SAVAGE RIVER DAM	5.99	.03	.70	.81						.03	.43	T	.26	.27	.15	
DELAWARE																
NORTHERN 01																
MIDDLETOWN 3 E	4.98	1.08	.67													
NEWARK UNIVERSITY FARM	3.69		.51	.06						T			.05	.06	.38	
WILMINGTON WSO AP	3.99	.03	1.67							T		.02	T	.44		
WILMGTON PORTER RESVR	2.76		.73							.01				.08		
SOUTHERN 02																
DOVER	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
GEORGETOWN 5 SW	2.05		.08	.39										.64	.22	
GREENWOOD 2 NE	4.41		.08	.40						T		T	.35	.92		
LEWES	3.15		.08	.20											2.00	
MILFORD 4 SE	2.26		.34	.32											.85	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

# DAILY PRECIPITATION (CONT)

MARYLAND AND  
DELAWARE  
JULY 1986

STATION	DAY OF MONTH															
	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
APPALACHIAN MOUNTAIN 07																
CUMBERLAND 2		.09		.30	.30	.43		T		.11		.02		.10		
EDGEMONT		T			.24	.38						T				
FROSTBURG 2		.56	.02	.46	.47	.23		.21		.30	.01	.01		.15	T	T
HAGERSTOWN	T			.06	.27	.35			.12						T	
HANCOCK FRUIT LAB		.22	.09	T		.21		T				.09				
ALLEGHENY PLATEAU 08																
MC HENRY 2 NW		3.12	.03	.20	1.71	.31				.12	.04	.06		.18		
MERRILL		.12	.08	.02	.90	.22				.23	T	.06		.21		
OAKLAND 1 SE	T	.15		T	.64	.63	.15				.15	.12		.11		
SAVAGE RIVER DAM		.77	.22		.55	.41		.01	T	1.10	.02			.23	T	
DELAWARE																
NORTHERN 01																
MIDDLETOWN 3 E	.20		.14	.59	.05	.73				.23	.71			.58		
NEWARK UNIVERSITY FARM	T	.20	.45	.88	.08	.17					.10	.47		.28		
WILMINGTON WSO AP	R .09		.24	.27	.14						T 1.09		T	T		
WILMGTN PORTER RESVR	.09		.34	.20	.25						.54	.52		T		
SOUTHERN 02																
DOVER	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GEORGETOWN 5 SW		.33		.09	.02	.03									.25	
GREENWOOD 2 NE		1.25	T	.01	.04	.06									.14	
LEWES		.30	.02	.15						.31	.85		.17		.15	
MILFORD 4 SE		.36		.34							.08				.05	

SEE REFERENCE NOTES FOLLOWING STATION INDEX



TOTAL SNOWFALL AND NUMBER OF DAYS  
WITH ONE INCH OR MORE ON GROUND

MARYLAND AND  
DELAWARE  
JULY 1986

STATION	JUL		AUG		SEP		OCT		NOV		DEC		JAN		FEB		MAR		APR		MAY		JUN		TOTAL		TOTAL PRECIPITATION		
	SNOWFALL	1 IN ON GD	SNOWFALL	1 IN ON GD	SNOWFALL	1 IN ON GD	SNOWFALL	1 IN ON GD	SNOWFALL	1 IN ON GD	SNOWFALL	1 IN ON GD	SNOWFALL	1 IN ON GD	SNOWFALL	1 IN ON GD	SNOWFALL	1 IN ON GD	SNOWFALL	1 IN ON GD	SNOWFALL	1 IN ON GD	SNOWFALL	1 IN ON GD	SNOWFALL	1 IN ON GD			
MARYLAND																													
SOUTHERN EASTERN SHORE 01																													
ASSATEAGUE ISLAND NATL SE											2.5	-	3.5	M	.5	1										6.5	M	1	41.55
SALISBURY											3.0	3	3.5	5	.0	0										6.5	M	8	36.99
SALISBURY FAA AP											3.0	3	5.6	4	5.0	4	T	0							13.6	M	11	39.32	
SNOW HILL 4 N											2.3	3	3.6	4	4.3	1	T	0							10.2	M	8	43.94	
CENTRAL EASTERN SHORE 02																													
CAMBRIDGE WTR TRMT PL											1.3	-	7.3	5	5.0	1										13.6	M	6	35.66
DENTON 2 E											2.5	2	4.0	2	9.5	7										16.0	M	14	35.99
ROYAL OAK 2 SSW											1.5	0	4.4	3	10.6	4			T	0					16.5	M	9	39.42	
VIENNA									M	.0	1	M	3.0	-	2.5	0					T	0			5.5	M	1	35.53	
LOWER SOUTHERN 03																													
LA PLATA 1 W.											.8	2	2.2	7	-	-									M	3.1	M	9	37.23
MECHANICSVILLE 5 NE											1.0	3	2.8	6	10.1	10	T	0			.1	0			14.0	M	19	42.52	
OWINGS FERRY LANDING											.6	2	1.2	1	10.4	6					T	0			12.2	M	9	41.57	
PATUXENT RIVER											.7	0	3.0	3	5.7	-	T	0			T	0			9.4	M	3	29.59	
UPPER SOUTHERN 04																													
ANNAPOLIS POLICE BRKS													1.5	-	8.5	-										10.0	M	12	38.89
BALTIMORE WSO AP											.7	1	1.3	1	13.0	10	T	0			T	0			15.6	M	12	31.87	
BELTSVILLE											.2	0	1.0	1	16.2	13					T	0			17.4	M	14	33.41	
COLLEGE PARK											1.5	2	2.5	2	15.0	12	T	0			T	0			19.0	M	16	34.49	
DALECARLIA RESVR D C														M	.0	6											6	34.76	
GLENN DALE BELL STN											1.0	2	2.0	3	16.5	13	T	2							19.5	M	20	34.53	
LAUREL 3 W											T	0	M	.0	0	M	4.0	-							4.0	M	1	38.88	
NATIONAL ARBORETUM D C													.9	1	15.3	12									16.2	M	13	37.36	
UPPER MARLBORO 3 NNW											1.5	2	1.6	2	11.7	12									14.8	M	16	32.93	
NORTHERN EASTERN SHORE 05																													
CHESTERTOWN											2.0	2	2.7	5	11.4	10										16.1	M	17	34.87
MILLINGTON 1 SE											T	0	1.4	-	5.8	1	T	0							7.2	M	1	36.19	
NORTHERN CENTRAL 06																													
ABERDEEN PHILLIPS FLD											1.0	1	1.0	1	4.0	-										6.0	M	2	35.09
BENSON POLICE BARRACKS										M	.0	-	1.5	2	9.0	12	T	0			T	0			10.5	M	14	39.13	
BOYDS 2 NW										M	2.0	-	4.5	4	19.0	17			3						25.5	M	24	31.30	
BRIGHTON DAM										M	.0	-	.0	2	16.0	15			1						16.0	M	20	32.98	
CATOCTIN MOUNTAIN PARK										M	6.2	10	6.0	10	18.3	21	T	9			T	0			30.5	M	50	45.42	
CLARKSVILLE 3 NNE											2.7	0	2.4	3	18.2	16	T	3			T	0			23.3	M	22	33.03	
CONOWINGO DAM										M	2.5	-	1.0	2	9.6	-	T	0			T	0			13.1	M	22	47.31	
DAMASCUS 2 SW											4.1	2	4.6	6	15.4	20	.2	4			T	0			24.3	M	32	35.32	
EMMITSBURG 2 SE											6.5	3	1.5	3	20.5	18	.5	0			T	0			29.0	M	24	39.01	
FREDRICK POLICE BRKS											1.0	0	1.0	1	7.5	14									9.5	M	15	32.07	
FREDERICK 3 E											2.0	-	2.0	-	16.0	-									20.0	M	1	34.08	
PARKTON 2 SW											3.5	1	5.5	4	18.5	14	T	0			T	0			27.5	M	19	39.42	
POTOMAC FILTER PLANT											.0	-	.0	-	2.0	0									2.0	M	1	33.81	
ROCKVILLE 1 NE											3.0	3	-	-	15.0	17			3						18.0	M	23	36.84	
TOWSON													.0	-	3.0	-									3.0	M	1	38.15	
UNIONVILLE											5.6	-	2.5	-	9.4	-									17.5	M	1	32.73	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

TOTAL SNOWFALL AND NUMBER OF DAYS  
WITH ONE INCH OR MORE ON GROUND

MARYLAND AND  
DELAWARE  
JULY 1986

STATION	JUL		AUG		SEP		OCT		NOV		DEC		JAN		FEB		MAR		APR		MAY		JUN		TOTAL		TOTAL PRECIPITATION		
	SNOWFALL	1 IN ON GD	SNOWFALL	1 IN ON GD	SNOWFALL	1 IN ON GD	SNOWFALL	1 IN ON GD	SNOWFALL	1 IN ON GD	SNOWFALL	1 IN ON GD	SNOWFALL	1 IN ON GD	SNOWFALL	1 IN ON GD	SNOWFALL	1 IN ON GD	SNOWFALL	1 IN ON GD	SNOWFALL	1 IN ON GD	SNOWFALL	1 IN ON GD	SNOWFALL	1 IN ON GD			
WESTMINSTER POLICE BRK WOODSTOCK												1.5	0	2.3	3	16.0	16									M 18.3M	19	31.63	
APPALACHIAN MOUNTAIN 07												2.0	2	2.0	2	16.5	18									M 20.0M	22M	28.78	
CUMBERLAND 2 EDGEMONT												7.5	5	6.0	7	22.0	16	3.0	2							M 38.5M	30	32.65	
FROSTBURG 2 HAGERSTOWN							T	0				4.5	3	3.0	6	15.0	-									M 22.5M	9	39.02	
HANCOCK FRUIT LAB									.9	0	23.6	27	25.0	27	37.0	26	11.5	10	8.7	3							M 106.7M	93	48.45
ALLEGHENY PLATEAU 08											5.1	3	2.2	1	17.9	18	.7	0	T	0							M 25.3M	21	40.40
MC HENRY 2 NW MERRILL											5.0	8	5.0	8	16.5	14	1.0	0							M 22.5M	22	38.43		
OAKLAND 1 SE SAVAGE RIVER DAM											28.0	25	33.5	31	34.0	23	12.5	10	24.5	9					M 132.5M	98	55.30		
DELAWARE											16.0	11	18.9	16	25.0	20	9.0	5	3.1	0					M 72.0M	52	42.39		
NORTHERN 01 NEWARK UNIVERSITY FARM											27.5	-	32.0	23	33.5	18	10.0	9	13.5	-					M 116.5M	50	58.45		
WILMINGTON WSD AP WILMGTON PORTER RESVR											14.0	14	11.0	16	23.5	19	10.0	9	2.0	2					M 60.5M	60	41.41		
SOUTHERN 02 DOVER														2.5	-	2.0	-									M 4.5M		34.57	
GEORGETOWN 5 SW GREENWOOD 2 NE											1.4	2	3.1	4	9.7	12			T	0					M 14.2M	18	37.53		
LEWES MILFORD 4 SE											2.0	-	.0	-	9.5	9									M 11.5M	9	46.63		
											4.2	3	3.7	3	13.2	9									M 21.1M	15	43.47		
											2.0	2	4.4	5	6.5	4									M 12.9M	11	42.35		
											-	-	3.7	4	7.3	6			T	0					M 11.0M	10	M		
											3.5	-	.5	0											M 4.0M		41.45		
											.0	2M	.5	3	3.3	-			T	0					M 3.8M	5	38.87		

SEE REFERENCE NOTES FOLLOWING STATION INDEX



# DAILY TEMPERATURES (°F)

MARYLAND AND  
DELAWARE  
JULY 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	
NATIONAL ARBORETUM D C	MAX	84	80	80	76	78	88	90	92	91	87	81	84	90	88	86	82	83	81	94	90	86	85	81	81	83	85	84	86	88	89	86	
	MIN	64	62	63	51	55	68	68	74	71	69	65	66	69	66	63	65	67	68	72	72	66	68	70	67	69	73	69	69	69	68	64	
UPPER MARLBORO 3 NNW	MAX	88	73	85	80	83	93	96	97	97	87	87	90	95	94	92	88	88	86	98	90	90	90	87	88	88	90	88	91	93	94	84	
	MIN	64	62	60	48	54	66	67	74	69	68	62	66	67	66	63	62	67	67	69	71	66	65	68	64	67	71	67	67	69	62	62	
NORTHERN EASTERN SHORE 05 CHESTERTOWN	MAX	75	85	81	84	93	95	98	96	86	88	85	94	97	91	89	86	89	96	92	89	91	88	91	94	92	90	90	96	96	86	88	
	MIN	65	65	61	54	68	71	72	78	75	68	64	69	73	72	62	70	70	74	72	70	69	67	70	68	68	75	73	71	71	68	69	
MILLINGTON 1 SE	MAX	79	83	82	81	91	94	98	95	89	87	83	94	96	91	88	85	87	95	90	85	89	85	89	88	86	87	89	94	94	87	88	
	MIN	65	65	62	49	62	66	68	72	73	66	61	69	70	71	59	64	69	70	71	68	68	65	65	69	65	74	69	68	71	66	64	
NORTHERN CENTRAL 06 ABERDEEN PHILLIPS FLD	MAX	80	84	84	82	91	94	98	98	91	86	86	91	92	90	89	86	85	94	92	86	88	88	88	88	88	88	89	90	93	93	85	
	MIN	65	67	56	55	70	70	76	77	67	67	70	73	72	59	64	68	72	75	72	69	68	69	69	73	74	70	75	73	68	65		
BALTIMORE WSO CI	MAX	75	90	85	88	99	102	102	100	87	90	84	96	98	93	91	88	88	99	95	88	92	88	91	90	92	94	91	97	99	88	89	
	MIN	69	70	71	64	72	78	82	84	78	73	70	72	79	73	70	71	69	79	76	70	72	72	75	75	76	78	75	75	77	72	72	
BENSON POLICE BARRACKS	MAX	81	85	86	84	95	99	100	100	98	90	90	92	91	96	91	90	91	97	97	90	91	92	89	92	92	89	90	95	96	96	89	
	MIN	62	64	62	51	61	71	71	72	72	72	64	68	71	71	60	64	69	73	73	70	63	66	68	69	71	76	69	70	72	68	66	
BOYDS 2 NW	MAX	82	75	85	84	95	94	96	95	83	83	85	91	94	88	87	89	88	96	95	93	88	87	86	87	89	97	90	90	92	87	86	
	MIN	65	60	63	52	62	66	73	75	70	65	67	62	71	70	62	64	65	73	74	72	67	68	71	68	72	73	70	69	72	65	65	
CATOCTIN MOUNTAIN PARK	MAX	70	71	76	78	83	86	88	87	84	75	77	80	83	77	80	79	79	89	86	86	81	81	81	81	83	84	83	84	83	82	81	
	MIN	56	59	56	54	64	68	69	70	67	60	59	61	71	68	60	59	63	71	70	70	66	64	68	67	69	69	68	68	63	63		
CLARKSVILLE 3 NNE	MAX	75	85	84	84	95	97	98	97	95	85	84	90	95	85	88	88	85	97	93	90	89	87	86	86	90	91	89	92	92	89	88	
	MIN	63	65	60	46	55	63	66	74	69	60	61	64	66	67	59	61	67	70	70	74	67	65	66	64	69	73	70	65	68	63	60	
CONOWINGO DAM	MAX	76	82	80	81	95	104	101	84	82	77	72	82	84	88	91	87	89	95	96	89	74	75	74	86	77	84	84	81	91	81	82	
	MIN	62	65	58	53	60	67	69	70	73	65	60	64	69	69	65	63	66	66	72	69	67	65	69	67	67	75	75	70	71	67	68	
DAMASCUS 2 SW	MAX	70	85	79	83	93	95	95	94	82	83	81	90	92	85	87	87	86	96	93	90	88	85	86	86	90	90	90	91	92	81	87	
	MIN	60	63	61	51	61	67	70	74	70	62	65	63	72	67	61	64	65	72	73	69	68	67	70	68	70	74	70	67	69	64	64	
EMMITSBURG 2 SE	MAX	72	84	82	83	91	94	96	96	88	83	84	89	91	88	86	86	86	98	98	93	98	86	87	85	89	90	90	90	92	88	86	
	MIN	60	63	62	46	57	61	66	71	72	62	60	61	68	68	55	55	65	74	71	72	69	67	69	66	72	74	71	64	67	66	62	
FREDRICK POLICE BRKS	MAX	82	86	86	85	96	97	98	99	97	86	87	90	95	93	88	89	90	99	99	96	93	91	89	88	93	92	93	93	94	92	90	
	MIN	63	64	64	53	64	68	77	78	71	57	68	65	75	69	64	65	66	73	72	73	70	71	72	68	68	75	72	69	73	70	69	
PARKTON 2 SW	MAX	70	84	79	82	93	96	97	94	83	85	78	91	94	90	87	86	88	95	91	86	87	85	86	86	90	90	88	90	91	82	86	
	MIN	59	61	51	45	56	63	67	67	66	58	57	59	65	64	55	57	62	65	68	70	63	61	65	63	69	73	65	66	66	62	60	
ROCKVILLE 1 NE	MAX	72	87	80	85	95	97	96	95	81	84	84	93	92	89	89	88	87	98	95	92	91	87	86	87	91	91	92	91	82	88	89	
	MIN	64	66	63	52	68	72	77	78	72	68	68	66	74	72	64	66	66	74	76	69	69	70	72	68	74	76	72	71	74	66	66	
TOWSON	MAX	86	85	82	84	94	99	100	98	95	90	87	94	94	97	90	91	90	97	96	96	88	88	90	92	90	90	93	92	92	92	87	
	MIN	68	69	80	53	63	71	72	75	72	65	63	73	84	68	62	65	64	73	72	70	88											
UNIONVILLE	MAX	88	85	89	94	96	98	97	97	95	86	94	90	94	86	88	88	88	98	94	94	92	92	88	89	92	91	91	92	93	95	89	
	MIN	52	53	53	48	44	59	69	62	59	50	55	60	65	60	55	56	58	53	70	65	55	62	62	63	59	69	67	61	60	60	59	
WESTMINSTER POLICE BRK	MAX	76	85	85	83	92	95	96	96	93	91	90	89	87	89	85	87	86	94	96	91	89	89	87	87	91	90	94	91	92	91	85	
	MIN	60	61	63	51	64	65	73	71	74	63	64	61	74	70	58	63	63	72	73	68	64	65	66	65	67	71	68	67	70	65	63	
WOODSTOCK	MAX	74	87	82	85	95	98	99	98	89	87	85	93	97	93	89	87	89	96	93	91	90	90	88	89	92	92	92	92	94	84	89	
	MIN	63	64	64	50	59	67	69	74	72	63	64	65	68	67	61	63	67	74	73	72	68	66	68	68	71	74	71	68	70	65	62	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

# DAILY TEMPERATURES (°F)

MARYLAND AND  
DELAWARE  
JULY 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				
APPALACHIAN MOUNTAIN 07																																				
CUMBERLAND 2	MAX	69	84	78	85	93	95	95	95	91	84	81	88	86	83	88	85	92	96	92	93	90	88	88	88	89	90	90	90	87	81	81	87	87.8		
	MIN	60	58	50	55	62	65	69	70	63	64	67	67	71	60	62	63	70	70	69	68	65	65	69	71	71	69	65	67	68	60	59	64.9			
FROSTBURG 2	MAX	76	63	77	69	78	83	86	86	86	73	76	73	80	78	76	79	80	84	86	83	86	82	79	80	80	82	84	82	81	79	73	79.4			
	MIN	54	54	55	46	47	59	61	68	67	55	56	61	67	66	56	57	64	71	68	67	65	62	62	66	67	67	66	62	62	62	58	61.2			
HAGERSTOWN	MAX	71	85	80	85	94	96	98	97	83	85	85	89	91	86	87	85	88	99	97	95	94	89	84	88	94	92	92	92	94	93	90	89.6			
	OBS																																			
	MIN	59	59	60	51	62	66	71	73	70	63	64	60	72	68	60	62	65	71	71	70	67	67	68	68	71	72	70	65	70	65	69	66.1			
	OBS																																			
HANCOCK FRUIT LAB	MAX	71	83	80	81	92	93	95	95	85	82	81	85	87	84	84	83	85	95	95	94	91	88	87	89	92	92	91	91	89	88	87.8				
	MIN	59	63	56	46	54	59	64	68	70	59	58	62	67	65	58	59	68	69	70	68	65	70	68	60	70	71	68	62	67	62	59	63.4			
ALLEGHENY PLATEAU 08																																				
MC HENRY 2 NW	MAX	73	72	72	69	78	81	84	84	85	70	76	76	78	74	75	79	78	83	85	81	84	84	81	81	80	82	85	80	81	75	72	78.6			
	MIN	52	54	50	48	50	60	65	67	68	53	56	63	65	63	57	58	63	68	70	64	63	60	62	64	64	62	64	62	60	58	56	60.3			
OAKLAND 1 SE	MAX	69	75	69	77	83	84	84	85	84	76	77	77	80	76	78	81	83	86	85	85	81	80	79	81	83	85	86	79	79	73	76	79.9			
	MIN	55	61	51	41	50	55	59	67	65	55	59	63	66	66	54	57	68	67	71	66	62	60	62	64	61	63	63	58	62	59	53	60.1			
SAVAGE RIVER DAM	MAX	78	68	78	71	80	87	87	88	89	75	80	78	81	81	79	81	82	86	88	86	88	87	83	83	84	86	88	85	85	80	75	82.2			
	MIN	56	57	57	45	46	56	60	64	69	58	60	62	65	65	59	59	61	70	72	61	66	60	62	66	68	67	65	60	61	64	57	61.2			
DELAWARE																																				
NORTHERN 01																																				
MIDDLETOWN 3 E	MAX	71	84	79	80	91	92	95	91	84	84	78	90	93	89	87	87	83	92	85	83	88	86	87	85	86	85	88	89	92	84	82	86.1			
	MIN	64	64	61	51	63	67	67	73	73	66	63	67	70	68	59	63	68	69	71	69	68	66	69	66	66	71	68	69	68	66	66	66.4			
	OBS																																			
NEWARK UNIVERSITY FARM	MAX	76	84	82	82	93	96	98	97	92	85	84	92	94	89	88	87	86	92	89	84	88	88	90	88	89	88	86	89	93	84	82	88.2			
	MIN	61	63	59	49	62	75	70	72	73	65	62	65	68	69	60	63	66	70	69	70	67	64	64	66	66	74	66	69	70	67	67	66.2			
	OBS																																			
WILMINGTON WSO AP	RMAX	74	83	79	80	90	94	96	91	85	83	79	90	93	88	86	84	85	91	84	82	88	88	89	86	87	86	86	90	92	84	81	86.3			
	MIN	60	65	61	52	66	69	73	74	70	65	66	68	72	69	62	65	69	71	72	70	69	66	73	69	71	68	68	71	71	69	67	67.8			
WILMINGTON PORTER RESVR	MAX	75	82	78	80	91	93	97	91	84	83	77	90	93	91	87	84	87	90	80	81	88	88	87	88	85	84	86	89	93	84	79	86.0			
	MIN	59	65	64	64	66	70	77	77	69	65	65	66	70	70	69	67	71	75	70	70	69	68	71	67	73	68	68	72	73	68	68	68.8			
SOUTHERN 02																																				
DOVER																																				
	MAX																																			
	MIN																																			
GEORGETOWN 5 SW	MAX	84	75	82	80	82	89	95	97	95	93	88	88	96	95	90	87	88	85	92	88	85	90	84	88	89	91	92	93	94	95	85	88.9			
	MIN	67	65	63	51	64	67	70	74	75	68	65	68	71	71	64	65	71	70	73	68	68	68	67	65	64	73	71	68	73	65	65	67.6			
GREENWOOD 2 NE	MAX	80	82	82	83	92	95	97	96	94	87	87	95	96	90	85	86	84	93	88	85	89	89	87	89	87	89	88	90	91	90	85	88.7			
	MIN	63	65	61	51	65	69	74	75	75	68	65	72	71	71	65	65	71	71	74	68	69	68	68	66	66	73	71	71	73	67	66	68.3			
LEWES	MAX	86	84	83	83	94	94	97	96	93	90	83	97	97	96	93	87	84	90	91	88	87	88	84	85	87	93	89	90	95	91	89	89.8			
	MIN	67	66	67	56	66	71	76	77	76	81	75	70	73	70	71	68	73	71	71	69	69	71	68	68	69	71	71	75	74	68	69	70.5			
MILFORD 4 SE	MAX	76	82	80	82	92	95	98	95	90	88	84	97	97	91	88	86	92	88	84	87	86	84	86	89	93	90	89	95	94	87	88.7				
	MIN	68	65	63	54	64	70	75	75	75	67	65	68	72	70	64	65	70	70	70	68	69	68	65	64	63	72	69	71	72	68	66	67.9			

SEE REFERENCE NOTES FOLLOWING STATION INDEX

MONTHLY AND SEASONAL HEATING DEGREE DAYS

MARYLAND AND  
DELAWARE  
JULY 1986

STATION	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	TOTAL	SEASONAL NORM
MARYLAND														
SOUTHERN EASTERN SHORE 01														
ASSATEAGUE ISLAND NATL SE	0	0	20	63	203	819	907	775	627	373B	134	6	3927	
CRISFIELD SOMERS COVE			17B	75B	192B	841B	877B	749	536				3287	3902
PRINCESS ANNE	0	0	52	141	248	860	890	771		324	96	13	3395	4298
SALISBURY	0	0	31	105	247	850	860	754	528	284	67	3	3729	4016
SALISBURY FAA AP	0	0	50	158	270	882	945	798	571	331	103	10	4118	4411
SNOW HILL 4 N	0	0	48	138	244	856	866	751	560	308	86	15	3872	4239
CENTRAL EASTERN SHORE 02														
CAMBRIDGE WTR TRMT PL	0	0	30	109	270	848	855	785	537	263	64	4	3765	4331
DENTON 2 E	0	1	66	188	374	910B	915	857	560	330	78	9	4288	4446
ROYAL OAK 2 SSW	0	0	34	124	284	867	895	806	562	296	68	6	3942	4192
VIENNA	0	0	26	91	234	838	872	759	527B	246	39	4	3636	4140
LOWER SOUTHERN 03														
LA PLATA 1 W	0	0	55	171	293	896	899		534	262	85	7	3202	4384
MECHANICSVILLE 5 NE	0	0	73	186	307	906	925	823	564	301	86	10	4181	
OWINGS FERRY LANDING	0	0	48	153	319	929	919	812	554	275	67	8	4084	4384
PATUXENT RIVER	0	0	17	108	278	843	904	812	563	307	68	4	3904	
UPPER SOUTHERN 04														
ANNAPOLIS POLICE BRKS	0	0	19	129	322	833	865	798	532B	273	54	0	3825	
BALTIMORE WSO AP	0	0	41	201	378	962	980	892	613	342	86	6	4501	4706
BELTSVILLE	0	0	56	220	397	967	1002	887	643	341	102	12	4627	5053
COLLEGE PARK	0	0	37	172	348	925	947	849	603B	286	73	1	4241	4455
DALECARLIA RESVR D C	0	0	32	159	363	925	934B	857	568	273	73	7B	4191	4425
GLENN DALE BELL STN	0	0	73	207	373	963	955	863	601	344	101	16	4496	4649
LAUREL 3 W	0B	0	22	174	339	925	968	896	604	321		4	4253	4489
NATIONAL ARBORETUM D C	0	0	55	203	383	972	969	872	613B	274		6	4347	4267
UPPER MARLBORO 3 NNW	0	0	75	233	393	988	1020B	904	669	336	107	13	4738	
NORTHERN EASTERN SHORE 05														
CHESTERTOWN	0	0	31	184	365	934	962	888	597	327	77	7	4372	4600
MILLINGTON 1 SE	0	0	52	191	361B	959	945	867	606	356	82	12	4431	4837
NORTHERN CENTRAL 06														
ABERDEEN PHILLIPS FLD	0	0	27	147	346	900B	952B	886B		280B	66	16B	3620	
BALTIMORE WSO CI	0	0	16	157	366	847	855	802	503	242	40	3	3831	4083
BENSON POLICE BARRACKS	0	0	55	170	391	972	980	888	595	285	62	10	4408	4998
BOYDS 2 NW	0	1	52	199	384	969	982	904	611	309	93B	12	4516	
CATOCTIN MOUNTAIN PARK	0	10	96	303	510	1111	1089	999	711	394	122	21	5366	
CLARKSVILLE 3 NNE	0	0	90	228	424	994	1015	918	665	390	106	19	4849	
CONOWINGO DAM	0	0	44	203	445	1034	1055	934	656B	350	88B	7	4816	5206
DAMASCUS 2 SW	0	0	63	235	415	1007	1019	922	636	350	115	13	4775	
EMMITTSBURG 2 SE	1	0	96	259	439	1019	1045	989	643B	364B	101	17	4973	
FREDRICK POLICE BRKS	0	0	48	181	378	944	952	878	587B	264	56	6	4294	
PARKTON 2 SW	2	2	110	306	498	1074	1068	978	706	422	141	33	5340	
ROCKVILLE 1 NE	0	0	100	303	490	954	974B	860	556	230B	94	8	4569	4663
TOWSON	0B	0	46	172	390	971	975	876	645B	307	65		4447	
UNIONVILLE	0	2	110	307	481	1070	1089	1015B	737	411	112	23	5357	5415
WESTMINSTER POLICE BRK	0	0	54	201	392	1005	1005	933	662B	330	86	11	4674	5250
WOODSTOCK	0	0	55	207	391	979	984	898	633		75		4222	5027
APPALACHIAN MOUNTAIN 07														
CUMBERLAND 2	0	1	69	260	462	1039	1039	900	651	286	110	13	4830	5106
FROSTBURG 2	35	51	160	397	566	1216	1191	1016	887	473	239	74	6305	
HAGERSTOWN	0	0	63	218	429	1010	1013	939	605	296	82	11	4666	5086
HANCOCK FRUIT LAB	0	1	104	273	449	1026	1049	937	650	346	118	26	4979	5573

SEE REFERENCE NOTES FOLLOWING STATION INDEX

MONTHLY AND SEASONAL HEATING DEGREE DAYS

MARYLAND AND  
DELAWARE  
JULY 1986

STATION	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	TOTAL	SEASONAL NORM
ALLEGHENY PLATEAU 08														
MC HENRY 2 NW	12	23	145	395	550B	1293	1255	1007	889	451	237	71	B 6328	
OAKLAND 1 SE	14	48	166	359	536	1194	1195	993	830	450	226	68	6079	6599
SAVAGE RIVER DAM	7	26	140	368	530B	1174	1195	981	851	420B	208	58	B 5958	6335
DELAWARE														
NORTHERN 01														
MIDDLETOWN 3 E	0												M	
NEWARK UNIVERSITY FARM	0	0	52	206	406	978	969		628	358	85	12	M 3694	4906
WILMINGTON WSO AP	0	0	45	213	411	986	1011	930	653	373	99	11	M 4732	4986
WILMGTON PORTER RESVR	0	0	41	216	432	989	1011	913	646	352	96	9	4705	5127
SOUTHERN 02														
DOVER	0	0	29	136	291	887	878	833	539		73	6	M 3672	4356
GEORGETOWN 5 SW	0	0	59	181	305	908	960	835	621	351	114	12	M 4346	4571
GREENWOOD 2 NE							917	843	576		85B	11	M 2767	
LEWES	0	0	28	111	231	846	873B	786	541	336	75	5	M 3832	4505
MILFORD 4 SE	0	0	50	142	293	926	929	856	569	361	88	6	B 4220	4457

SEE REFERENCE NOTES FOLLOWING STATION INDEX

# EVAPORATION AND WIND

MARYLAND AND  
DELAWARE  
JULY, 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			
MARYLAND																																		
UPPER SOUTHERN 04																																		
BELTSVILLE	WIND	38	33	29	34	19	20	17	23	24	18	17	16	21	28	37	14	17	5	25	19	21	13	11	16	39	21	14	6	7	17	11	630	
	EVAP	33	9	5	43	27	40	21	33	35	12	34	35	26	23	41	28	22	17	32	21	53	27	21	22	31	20	20	18	30	29	23	8.31	
	MAX	93	73	88	87	91	98	101	100	100	85	95	91	97	97	92	95	90	91	81	98	94	98	93	91	92	93	96	99	100	98	88	93.1	
	MIN	64	63	68	60	60	68	76	75	75	70	69	69	74	74	67	68	71	71	79	76	72	72	71	73	73	74	73	74	75	70	69	70.7	
UPPER MARLBORO 3 NNW	WIND	20	2	10	22	13	5	3	7	11	4	11	10	8	6	23	4	6	2	10	4	8	7	1	5	14	12	11	5	3	7	10	264	
	EVAP	32	6	22	34	23	25	27	30	32	11	23	20	22	26	33	20	13	12	30	14	29	23	15	20	25	22	18	18	-	31	19	6.988	
	MAX	92	74	88	88	90	98	101	100	101	91	95	93	98	95	94	96	92	92	98	94	96	98	95	96	97	99	95	98	99	100	90	94.6	
	MIN	64	62	67	59	60	69	71	74	75	69	70	69	70	73	67	66	70	70	74	74	71	71	73	73	72	72	73	73	74	69	68	69.7	
ALLEGHENY PLATEAU 08																																		
SAVAGE RIVER DAM	WIND	26	35	38	13	49	23	15	30	22	32	16	14	17	33	41	21	13	21	37	20	23	18	18	14	18	16	14	20	16	42	42	757	
	EVAP	17	10	27	51	-	7	19	21	22	12	22	0	17	17	21	13	10	30	19	10	24	15	13	20	27	8	13	22	5	22	22	5.548	
	MAX	82	68	82	76	82	90	90	92	94	75	92	76	80	81	83	91	80	86	92	85	91	96	88	85	85	88	88	85	85	80	-	84.9	
	MIN	60	59	60	54	53	55	65	69	72	62	62	65	67	65	63	64	65	70	73	68	68	67	65	69	69	70	70	60	65	64	-	64.6	
DELAWARE																																		
NORTHERN 01																																		
NEWARK UNIVERSITY FARM	WIND	24	33	37	30	33	26	33	34	55	46	27	37	22	46	36	13	27	32	26	29	42	14	21	20	17	7	13	17	18	47	37	899	
	EVAP	4	12	29	30	41	19	24	31	42	34	9	12	41	29	32	2	19	49	15	23	24	13	27	25	21	10	14	19	33	15	-	7.218	
	MAX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	M
	MIN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	M
SOUTHERN 02																																		
GEORGETOWN 5 SW	WIND	57	50	87	76	68	101	53	67	71	90	66	48	69	72	100	48	67	51	54	44	64	48	23	39	49	97	87	44	49	79	60	1978	
	EVAP	36	10	23	35	36	36	26	43	37	22	41	26	46	43	42	30	34	19	22	21	14	25	13	27	34	24	34	28	26	40	-	9.238	
	MAX	91	75	85	88	86	89	98	94	98	91	92	94	98	100	93	91	96	92	95	93	91	97	86	93	96	91	95	99	99	97	91	92.7	
	MIN	68	68	70	62	72	66	70	76	76	70	70	70	76	73	67	73	74	73	75	73	72	72	72	74	70	75	81	76	76	70	71	72.0	

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  
DELAWARE  
JULY 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)		
MARYLAND												
ABERDEEN PHILLIPS FLD	0015006		HARFORD	39 28	76 10W	57	16	16	C	H	ROSS AVIATION INC	
ANNAPOLIS POLICE BRKS	0193304		ANNE ARUNDEL	38 59	76 30W	25	17	17	C	H	ANNAPOLIS POLICE BRKS	
ASSATEAGUE ISLAND NATL	0033501	S	WORCESTER	38 14	75 8W	7	7	7	C	H	NATIONAL PARK SERVICE	
BALTIMORE WSO AP	0046504	R	ANNE ARUNDEL	39 11	76 40W	196	MID	MID	C	H	NATL WEATHER SERVICE	
BALTIMORE WSO CI	0047006	R	BALTO CITY	39 17	76 37W	91	MID	MID	C	H	OCMI COMMANDING OFFICER	
BELTSVILLE	0700004		PRN GEORGES	39 2	76 53W	120	8	8	B	C	U S DEPT OF AGRICULTURE	
BENSON POLICE BARRACKS	0732006		HARFORD	39 30	76 23W	365	17	17			MARYLAND STATE POLICE	
BOYDS 2 NW	1032006		MONTGOMERY	39 13	77 20W	580	18	18			HUNTER F STALEY	
BRIGHTON DAM	1125006		MONTGOMERY	39 12	77 1W	330		MID			WASH SUB SANY COMM	
CAMBRIDGE WTR TRMT PL	1385002		DORCHESTER	38 34	76 4W	5	16	16	C	H	WASTEWATER TRMT PLANT	
CATOCTIN MOUNTAIN PARK	1530006		FREDERICK	39 39	77 29W	1610	17	17	C	H	CATOCTIN MOUNTAIN PARK	
CENTREVILLE	1627005		QUEEN ANNES	39 3	76 4W	60	17	17	C	H	INACTIVE 02/01/86	
CHESTERTOWN	1750005		KENT	39 13	76 4W	40	23	23	C	H	THOMAS W ELIASON JR	
CLARKSVILLE 3 NNE	1862006		HOWARD	39 15	76 56W	365	17	17			UNIVERSITY OF MARYLAND	
COLLEGE PARK	1995004		PRN GEORGES	38 59	76 57W	90	9	9	C	H	UNIVERSITY OF MARYLAND	
CONOWINGO DAM	2060006		HARFORD	39 39	76 10W	40	MID	MID	C	H	SUSQUEHANNA ELECTRIC CO	
CRISFIELD SOMERS COVE	2215001		SOMERSET	37 59	75 52W	8	17	17			SOMERS COVE MARINA	
CUMBERLAND 2	2282007		ALLEGANY	39 38	78 45W	730	18	7		H	TIMOTHY B THOMAS	
DALECARLIA RESVR D C	2325004			38 56	77 7W	146	17	17			U S CORPS OF ENGINEERS	
DAMASCUS 2 SW	2335006		MONTGOMERY	39 16	77 14W	720	19	19		H	RICHARD W SCHWERT	
DENTON 2 E	2523002		CAROLINE	38 53	75 48W	50	17	17		H	ARTHUR REINHOLD	
EDGE MONT	2770007		WASHINGTON	39 40	77 33W	905	17	7			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			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			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	C	H	C RUSSELL LEVERING	
LAUREL 3 W	5111004		PRN GEORGES	39 6	76 54W	400	MID	MID			WASH SUB SANY COMM	
MC HENRY 2 NW	5832008		GARRETT	39 35	79 22W	2680	8	8	C	H	JOSEPH F JOHENNING	
MECHANICSVILLE 5 NE	5865003		ST MARYS	38 26	76 43W	100	19	19			SANDRA J HASTING	
MERRILL	5894008		GARRETT	39 36	79 5W	1790	9	9			DELWOOD E MERRILL	
MILLINGTON 1 SE	5985005		KENT	39 16	75 52W	30	18	18		H	HOWARD L HARVEY	
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	BEA J CROSCO	
OWINGS FERRY LANDING	6770003		CALVERT	38 41	76 40W	160	17	17		H	JAMES C RASMUSSEN	
PARKTON 2 SW	6844006	//	BALTIMORE	39 38	76 42W	600	23	23	C	H	JOHN R FOX	
PATUXENT RIVER	6915003		ST MARY'S	38 20	76 25W	38	MID	MID	C		NAVAL WEATHER SERVICE	
POTOMAC FILTER PLANT	7272006		MONTGOMERY	39 2	77 15W	270		8			POTOMAC WATER FILT PLT	
PRINCESS ANNE	7330001		SOMERSET	38 13	75 41W	20	17	17		H	UNIVERSITY MARYLAND EAST	
ROCKVILLE 1 NE	7705006		MONTGOMERY	39 6	77 6W	440	17	17		H	WASH GAS & LIGHT CO	
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			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	B	C	U S CORPS OF ENGINEERS	
SNOW HILL 4 N	8380001		WORCESTER	38 14	75 23W	28	18	18		H	CURTIS E SHOCKLEY	
TOWSON	8877006		BALTIMORE	39 23	76 34W	390	18	18			BENDIX FRIEZ	
UNIONVILLE	9030006		FREDERICK	39 27	77 11W	430	18	18		C	H	CAROLINE R VON EIFF
UPPER MARLBORO 3 NNW	9070004		PRN GEORGES	38 52	76 47W	98	8	8	B	H	TOBACCO EXP FARM	
VIENNA	9140002		DORCHESTER	38 29	75 50W	12	18	18		H	DELMARVA POWER & LIGHT	
WESTMINSTER POLICE BRK	9440006		CARROLL	39 33	76 58W	765	17	17			MARYLAND STATE POLICE	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

# STATION INDEX

MARYLAND AND  
DELAWARE  
JULY 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	02	KENT	39 9	75 31W	30	17	17		H	STATE DIV OF HIGHWAYS
GEORGETOWN 5 SW	3357	02	SUSSEX	38 38	75 27W	45	8	8	8	C	UNIV OF DEL SUBSTATION
GREENWOOD 2 NE	3359	02	SUSSEX	38 50	75 35W	45	18	18		H	DANIEL M SWARTZENTRUBER
LEWES	3322	02	SUSSEX	38 46	75 8W	15	17	17		H	BOARD OF PUBLIC WORKS
MIDDLETOWN 3 E	5585	01	NEW CASTLE	39 27	75 40W	55	17	17		H	DAVID S NEYHARD
MILFORD 4 SE	5915	02	SUSSEX	38 54	75 28W	30	17	17		H	DAVID S SCHLOTT
NEWARK UNIVERSITY FARM	6410	01	NEW CASTLE	39 40	75 44W	90	17	17	17	C	UNIV OF DELAWARE
WILMINGTON WSO AP	R 9595	01	NEW CASTLE	39 40	75 36W	79	MID	MID		H	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  
JULY 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

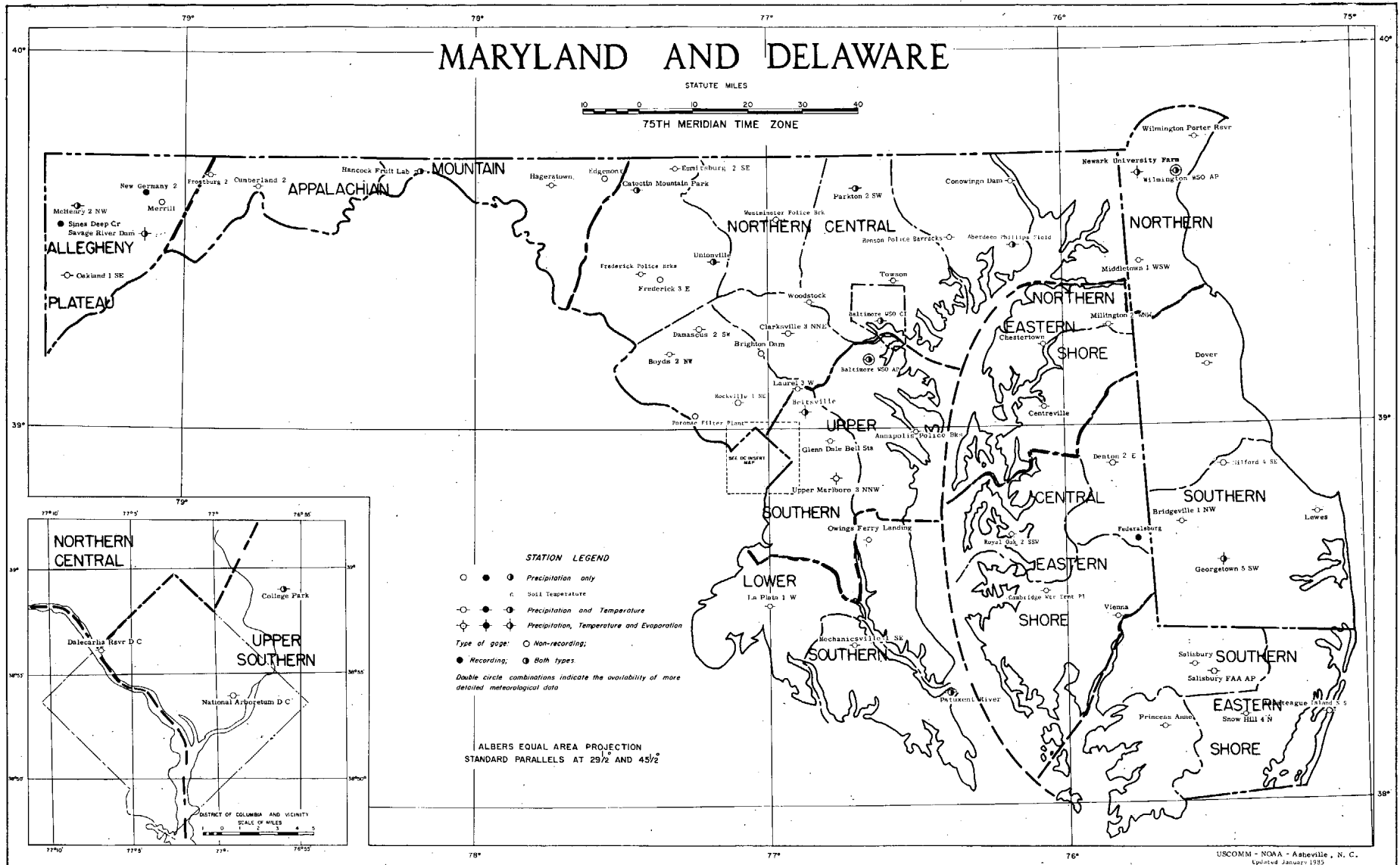
USCOMM-NOAA-ASHEVILLE, N.C. JULY 1986-0680

# MARYLAND AND DELAWARE

STATUTE MILES



75TH MERIDIAN TIME ZONE



### STATION LEGEND

- ● ○ Precipitation only
- c. Soil Temperature
- ● ○ Precipitation and Temperature
- ● ○ Precipitation, Temperature and Evaporation
- Type of gage: ○ Non-recording;
- Recording; ○ Both types

ALBERS EQUAL AREA PROJECTION  
STANDARD PARALLELS AT 29½ AND 45½

VALIDATED BY:

Charlie Aiken  
Emily Atkins  
Betty Edstrom  
Bruce Emory  
Juanita Moore  
Myron Padgett  
Betty Shuford

DEPARTMENT OF COMMERCE  
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION  
NATIONAL ENVIRONMENTAL SATELLITE, DATA, AND INFORMATION SERVICE  
NATIONAL CLIMATIC DATA CENTER  
FEDERAL BUILDING  
ASHEVILLE, N.C. 28801

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