

CLIMATOLOGICAL DATA

MARYLAND AND DELAWARE

AUGUST 1986

VOLUME 90 NUMBER 8



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28801

Kenneth D. Walden

DIRECTOR
NATIONAL CLIMATIC DATA CENTER

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ASHEVILLE NORTH CAROLINA

TEMPERATURE AND PRECIPITATION EXTREMES

MARYLAND AND
DELAWARE
AUGUST 1986

MARYLAND			
HIGHEST TEMPERATURE	96	AUGUST 10+	8 STATIONS
LOWEST TEMPERATURE	32	AUGUST 29	2 STATIONS
GREATEST TOTAL PRECIPITATION	9.40		2 STATIONS
LEAST TOTAL PRECIPITATION	1.20		2 STATIONS
GREATEST 1 DAY PRECIPITATION	4.50	AUGUST 18	2 STATIONS
DELAWARE			
HIGHEST TEMPERATURE	94	AUGUST 9	2 STATIONS
LOWEST TEMPERATURE	42	AUGUST 30+	6 STATIONS
GREATEST TOTAL PRECIPITATION	6.40		2 STATIONS
LEAST TOTAL PRECIPITATION	2.65		2 STATIONS
GREATEST 1 DAY PRECIPITATION	2.03	AUGUST 21	2 STATIONS

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

MARYLAND AND
DELAWARE
AUGUST 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	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	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	83.2	65.7	74.5		92	12+	48	29	11	314	4	0	0	0	9.40		3.25	18				8	6	4				
CRISFIELD SOMERS COVE	83.4	65.4	75.9	-1.9	89	12+	50	30+	2	306	0	0	0	0	4.94							7	7	1				
PRINCESS ANNE	84.4	65.9	73.9	-1.5	93	10+	41	30+	2	295	6	0	0	0	7.96	2.33	2.11	13				7	5	3				
SALISBURY	84.0	65.4	74.7	-1.3	93	10	45	29	1	294	5	0	0	0	6.07	.35	1.49	18				8	5	3				
SALISBURY FAA AP	82.8	63.5	73.2	-2.1	93	10+	45	30+	2	283	4	0	0	0	6.37	.65	1.50	13				10	5	2				
SNOW HILL 4 N	84.8	62.6	73.7	-1.3	93	10	41	30+	2	304	8	0	0	0	7.61	2.18	2.35	18				7	5	4				
--DIVISIONAL DATA-->																												
CENTRAL EASTERN SHORE 02																												
CAMBRIDGE WTR TRMT PL	84.6	65.2	74.9	-.7	93	2	41	29	2	339	7	0	0	0	4.75	-.53	1.53	28				9	2	2				
DENTON 2 E	84.1	62.9	73.5	-2.1	93	16	41	30+	2	222	4	0	0	0	4.31	-.67	.80	28+				10	3	0				
ROYAL OAK 2 SSW	83.6	65.7	74.7	-1.9	93	2	45	30+	1	321	4	0	0	0	6.63	1.54	1.81	7				8	6	3				
VIENNA	86.2	64.9	75.6	-.7	96	2	43	30	1	352	14	0	0	0	6.45	.82	1.70	3				8	5	2				
--DIVISIONAL DATA-->																												
LOWER SOUTHERN 03																												
LA PLATA 1 W	80.3	64.9	72.6	-2.2	91	2	45	29	2	267	1	0	0	0	8.18	3.26	2.49	7				8	4	3				
MECHANICSVILLE 5 NE	81.3	63.1	72.2		91	2	41	30	2	258	2	0	0	0	7.26		1.51	7				10	6	3				
OWINGS FERRY LANDING	83.2	63.5	73.4	-1.6	92	2	43	29	2	287	4	0	0	0	5.98	1.79	1.51	21				9	5	1				
PATUXENT RIVER	82.7	67.4	75.1		96	10	53	30+	9	330	4	0	0	0	5.80		2.11	17				7	4	2				
--DIVISIONAL DATA-->																												
UPPER SOUTHERN 04																												
ANNAPOLIS POLICE BRKS	86.0	63.1	74.6		92	10+	46	30	5	311	7	0	0	0	7.25		2.40	21				7	5	3				
BALTIMORE WSO AP	82.2	64.0	73.1	-2.5	92	2	45	30	2	281	2	0	0	0	4.26	-.36	1.54	2				7	3	1				
BELTSVILLE	83.1	61.9	72.5	-1.5	93	3	41	30+	2	265	3	0	0	0	4.88	.17	1.64	3				8	4	1				
COLLEGE PARK	84.3	64.6	74.5	-1.5	96	3	44	30	2	323	8	0	0	0	6.02	1.02	2.01	9				9	3	1				
DALECARLIA RESVR D C	85.2	63.3	74.3	-1.6	96	1	41	29	14	307	8	0	0	0	8.74	4.14	4.50	18				7	4	3				
GLENN DALE BELL STN	82.5	60.7	71.6	-2.9	90	17+	38	29	3	244	2	0	0	0	7.73	2.82	2.88	3				9	5	3				
LAUREL 3 W																												
NATIONAL ARBORETUM D C	83.0	61.4	72.2	-4.5	93	17	42	30	14	244	2	0	0	0	4.86	-.24	.96	3				10	4	0				
UPPER MARLBORO 3 NNW	82.3	59.4	70.9		92	3	40	31+	3	224	5	0	0	0	5.43	.77	1.22	18				8	6	1				
--DIVISIONAL DATA-->																												
NORTHERN EASTERN SHORE 05																												
CHESTERTOWN	84.1	64.9	74.5	-1.3	95	2	46	30	1	320	9	0	0	0	5.47	.86	1.89	21				6	4	2				
MILLINGTON 1 SE	83.5	62.3	72.9	-1.6	91	17+	41	30	2	275	3	0	0	0	4.82	.08	.91	22				7	6	0				
--DIVISIONAL DATA-->																												
NORTHERN CENTRAL 06																												
ABERDEEN PHILLIPS FLD	82.5	65.0	73.8		88	6+	47	30	1	291	0	0	0	0	3.41		1.55	21				3	2	1				
BALTIMORE WSO CI	84.6	68.2	76.4	-2.0	94	9	52	30	6	366	7	0	0	0	8.46	3.89	2.95	20				7	5	4				
BENSON POLICE BARRACKS	86.1	63.4	74.8	1.0	93	10+	43	30	1	322	8	0	0	0	7.01	2.10	2.10	21				8	5	3				
BOYDS 2 NW	82.2	61.7	72.0		91	16+	44	29	2	244	2	0	0	0	2.59		1.14	17				4	2	1				
CATOCTIN MOUNTAIN PARK	76.9	61.0	69.0		86	2	43	29	3	161	0	0	0	0	2.94		.82	21+				7	2	0				
CLARKSVILLE 3 NNE	82.1	59.8	71.0		89	16+	38	30	2	221	0	0	0	0	5.54		1.67	17				9	4	1				
CONOWINGO DAM	82.4	61.5	72.0	-2.0	93	15	45	30+	2	248	3	0	0	0	4.90	.36	1.33	19				8	3	2				

SEE REFERENCE NOTES FOLLOWING STATION INDEX

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

MARYLAND AND
DELAWARE
AUGUST 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 SLUFT								
									90 OR ABOVE MAX	32 OR BELOW MIN	32 OR BELOW MIN	0 OR BELOW MIN				TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY DATE	TOTAL	MAX. DEPTH ON GROUND	DATE	NO. OF DAYS		
																						10 OR MORE	.50 OR MORE	1.00 OR MORE
DAMASCUS 2 SW	81.0	61.8	71.4		9016+	4129	27	235	3	0	0	0	5.89		1.58	17	.0	0		7	5	2		
EMMITSBURG 2 SE	83.1	60.4	71.8		9016+	3830+	32	250	0	0	0	0	1.82		.63	31	.0	0		5	2	0		
FREDRICK POLICE BRKS	85.3	63.8	74.6		9216+	4430+	15	331	9	0	0	0	2.61		.60	31	.0	0		6	2	0		
PARKTON 2 SW	81.6	58.0	69.8		909	3829	45	200	1	0	0	0	2.42		.54	17	.0	0		7	1	0		
ROCKVILLE 1 NE	81.2	62.7	72.0	-2.4	9016+	4030	32	255	3	0	0	0	3.06	-1.40	.71	2	.0	0		7	1	0		
TOWSON	84.7	61.8	73.3		932	4530+	16	280	3	0	0	0	6.81	2.02	1.72	21	.0	0		9	4	3		
UNIONVILLE	83.0	55.4	69.2	-3.0	9116	3529	36	172	0	0	0	0	3.38	-1.38	.89	31	.0	0		6	3	0		
WESTMINSTER POLICE BRK	82.9	60.2	71.6	-1.4	9211	4329	23	244	1	0	0	0	3.45	-1.55	.66	22	.0	0		9	3	0		
WOODSTOCK	83.9	61.7	72.8		9210+	4130+	22	272	5	0	0	0	3.62	-1.36	.98	17	.0	0		7	3	0		
--DIVISIONAL DATA----->			72.2	-1.7									4.24	-1.06			.0	0						
APPALACHIAN MOUNTAIN																								
07																								
CUMBERLAND 2	84.6	59.4	72.0	-1.2	9416	4028	23	249	6	0	0	0	1.20	-2.13	.43	7	.0	0		4	0	0		
FROSTBURG 2	75.1	56.1	65.6		8517	3829	68	95	0	0	0	0	2.08		.49	24	.0	0		7	0	0		
HAGERSTOWN	84.1	61.6	72.9	-.5	9210+	4229	23	273	8	0	0	0	3.50	-.09	1.16	22	.0	0		8	2	1		
HANCOCK FRUIT LAB	84.5	57.5	71.0	-.7	9216	3530	41	238	7	0	0	0	2.08	-1.22	.70	22	.0	0		5	1	0		
--DIVISIONAL DATA----->			70.4	-1.9									2.22	-1.29			.0	0						
ALLEGHENY PLATEAU																								
08																								
MC HENRY 2 NW	75.8	54.7	65.3		8517	3829	70	86	0	0	0	0	3.06		.70	28	.0	0		8	3	0		
OAKLAND 1 SE	76.1	53.7	64.9	-1.8	8316+	3229	68	74	0	0	1	0	2.62	-1.98	.72	11	.0	0		8	1	0		
SAVAGE RIVER DAM	78.6	55.5	67.1	-1.5	8917	3730+	48	117	0	0	0	0	1.81	-1.80	.35	21	.0	0		7	0	0		
--DIVISIONAL DATA----->			65.8	-1.0									2.50	-1.68			.0	0						
DELAWARE																								
NORTHERN																								
01																								
MIDDLETOWN 3 E	81.7	62.7	72.2		8916+	4330	20	251	0	0	0	0	2.65		1.80	21	.0	0		3	1	1		
NEWARK UNIVERSITY FARM	82.7	61.7	72.2	-2.3	9116+	4230+	25	256	2	0	0	0	4.77	-.27	1.49	2	.0	0		7	3	2		
WILMINGTON WSO AP	81.5	63.4	72.5	-2.3	892	4429	27	267	4	0	0	0	2.88	-1.15	1.26	22	.0	0		4	2	1		
WILMGTN PORTER RESVR	82.5	64.0	73.3	-.4	9310	4630	20	283	4	0	0	0	3.32	-1.10	1.11	17	.0	0		5	3	1		
--DIVISIONAL DATA----->			72.6	-1.9									3.41	-.76			.0	0						
SOUTHERN																								
02																								
DOVER	84.9	64.4	74.7	-1.1	949	4529	18	325	7	0	0	0	3.94	-1.18	1.20	21	.0	0		6	3	2		
GEORGETOWN 5 SW	82.6	62.5	72.6	-2.3	9211+	4230+	25	266	4	0	0	0	6.40	.97	2.03	21	.0	0		8	4	3		
GREENWOOD 2 NE	82.6	63.1	72.9		9216	4229	23	274	3	0	0	0	3.69		.87	20	.0	0		7	3	0		
LEWES	82.5	65.4	74.0	-.3	9311	4730	14	299	0	0	0	0	5.26	-.10	1.30	21+	.0	0		9	3	2		
MILFORD 4 SE	83.0	63.1	73.1	-2.1	9210	4330	23	280	2	0	0	0	4.22	-.56	1.12	21	.0	0		9	3	2		
--DIVISIONAL DATA----->			73.5	-1.6									4.70	-.54			.0	0						

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION (INCHES)

MARYLAND AND
DELAWARE
AUGUST 1986

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 ISLAND NATL SE	9.40				1.10	.03							.70	1.96		
CRISFIELD SOMERS COVE	4.94			.32									.75	1.30		
PRINCESS ANNE	7.96			.69									.45	2.11		
SALISBURY	6.07			.67					.10				.19	1.25		
SALISBURY FAA AP	6.37			.74					.09				.20	1.50		
SNOW HILL 4 N	7.61			.64									.40	1.22		
CENTRAL EASTERN SHORE 02																
CAMBRIDGE WTR TRMT PL	4.75			.12					.38							
DENTON 2 E	4.31	.34		.19					.58							
ROYAL OAK 2 SSW	6.63			.61					1.81							
VIENNA	6.45			1.70					.62							
LOWER SOUTHERN 03																
LA PLATA 1 W	8.18			.06												
MECHANICSVILLE 5 NE	7.26			.12												
OWINGS FERRY LANDING	5.98	.08		.41												
PATUXENT RIVER	5.80		.12	.25					.08							
UPPER SOUTHERN 04																
ANNAPOLIS POLICE BRKS	7.25			1.11												
BALTIMORE WSO AP	4.26		1.54	T												
BELTSVILLE	4.88			1.64					.33							
COLLEGE PARK	6.02			.88	.02											
DALECARLIA RESVR D C	8.74			.49												
GLENN DALE BELL STN	7.73			2.88												
LAUREL 3 W	M															
NATIONAL ARBORETUM D C	4.86			.96												
UPPER MARLBORO 3 NNW	5.43			.85					.71							
NORTHERN EASTERN SHORE 05																
CHESTERTOWN	5.47			.07												
MILLINGTON 1 SE	4.82		.79	.84					.35							
NORTHERN CENTRAL 06																
ABERDEEN PHILLIPS FLD	3.41			.92												
BALTIMORE WSO CI	8.46		1.47													
BENSON POLICE BARRACKS	7.01		1.17	.16												
BOYDS 2 NW	2.59		.08													
BRIGHTON DAM	M															
CATOCTIN MOUNTAIN PARK	2.94			.28												
CLARKSVILLE 3 NNE	5.54			.04												
CONOWINGO DAM	4.90			.03												
DAMASCUS 2 SW	5.89		1.37	T												
EMMITSBURG 2 SE	1.82															
FREDRICK POLICE BRKS	2.61			.29												
FREDERICK 3 E	6.57			.31												
PARKTON 2 SW	2.42			.05												
POTOMAC FILTER PLANT	M															
ROCKVILLE 1 NE	3.06			.71												
TOWSON	6.81		1.40													
UNIONVILLE	3.38			.79												
WESTMINSTER POLICE BRK	3.45			.18	.41											
WOODSTOCK	3.62			T												

SEE REFERENCE NOTES FOLLOWING STATION INDEX
5

DAILY PRECIPITATION (CONT)

MARYLAND AND
DELAWARE
AUGUST 1986

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 ISLAND NATL SE			3.25			.65	.12						1.21	.31		
CRISFIELD SOMERS COVE		*	1.50	.01	.27	.25						.26	.25			
PRINCESS ANNE		.07	1.59		.16	2.04							.85			
SALISBURY		.02	1.49	.01	.22	1.28	T						.84			
SALISBURY FAA AP		1.34	.36	.03	.74	.37	.01					.52	.37			
SNOW HILL 4 N			2.35		.45	1.18							1.37			
CENTRAL EASTERN SHORE 02																
CAMBRIDGE WTR TRMT PL		.35	1.35		.30	.35	.03						1.53			
DEYTON 2 E		.29	.42	.01	.29	.80	.18					.04	.80			
ROYAL OAK 2 SSW		1.00	.82	.02	.09	.27	.08					.29	1.00			
VIENNA		.19	.96		.20	.96							1.62	.02		
LOWER SOUTHERN 03																
LA PLATA 1 W		1.99	.22	.32	.31	1.83	.01		T			.07	.61			
MECHANICSVILLE 5 NE		.38	.85	1.14	.74	1.24							.94			
OWINGS FERRY LANDING		.60	.81	.13	.09	1.51	.06					.40	.93			
PATUXENT RIVER		2.11	.02	.02	1.50	.05	T	T				.64	.36			
UPPER SOUTHERN 04																
ANNAPOLIS POLICE BRKS		1.28	.27	.01	.01	2.40	.47						.83			
BALTIMORE WSO AP	R	T	.29	.04	.66	.86						T	.40			
BELTSVILLE			.37	.01	.01	.50	.22						.25	.15		
COLLEGE PARK		.44	.28	.17	.05	.41	.38						.43	.06		
DALECARLIA RESVR D C			4.50	.06	.55	.10							.46			
GLENN DALE BELL STN		1.31	.10	.07	.35	1.06	.14						.63			
LAUREL 3 W		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NATIONAL ARBORETUM D C		-	.86	.03	.17	.30	.79						.20	.36		
UPPER MARLBORO 3 NNW			1.22	.02	.16	.54	.81						.72	.35		
NORTHERN EASTERN SHORE 05																
CHESTERTOWN		1.46	.03	.01	.02	1.89							.67			
MILLINGTON 1 SE		.69	.44	.04	.02	.64	.91					T	.66			
NORTHERN CENTRAL 06																
ABERDEEN PHILLIPS FLD	R	*	.06		.03	1.55	.35						.50			
BALTIMORE WSO CI		1.28			2.95	.54	1.65						.37			
BENSON POLICE BARRACKS		.02	.58	1.35	.77	2.10	.37	.01				T	.48			
BOYDS 2 NW		.14	1.14		.04	.80										
BRIGHTON DAM		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CATOCTIN MOUNTAIN PARK	T	.05	.25		.03	.82							.27	.29		
CLARKSVILLE 3 NNE		1.67	.41	.79	.16	.81	.17				.01		.29	.38		
CONOWINGO DAM	T	.13	.13	1.33	1.32	.43							.11	.48	.02	
DAMASCUS 2 SW		1.58	.03	.14	.09	.85					.02		.64			
EMMITSBURG 2 SE			.50			.62							.12	.38		
FREDRICK POLICE BRKS	T	.03	.31			.60					.30		.48			
FREDRICK 3 E		.32	1.63		.06	.66	.10				.30		.39	.09		
PARKTON 2 SW	//	.45	.54	T	.18	.47	.02						.10	.42		
POTOMAC FILTER PLANT		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ROCKVILLE 1 NE		.46	T	.08	.09	.45							.38			
TOWSON		.66	.38	.10	.24	1.72	.35						.47			
UNIONVILLE		.08	.18	.31		.89							.01	.49		
WESTMINSTER POLICE BRK		.13	.63		.05	.55	.31						.02	.38		
WOODSTOCK		.98	.03	.53	.06	.83	.23						.45			

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION (INCHES)

MARYLAND AND
DELAWARE
AUGUST 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	07															
EDGEMONT	1.20			T			T									
FROSTBURG 2	3.65			T	.02			.43							.04	
HAGERSTOWN	2.08			T				.88	.16	T					.01	
HANCOCK FRUIT LAB	2.08		.02	T		T		.40		T	T				.22	
	3.50							.13							.11	
	2.08							.29	.03						.08	
ALLEGHENY PLATEAU MC HENRY 2 NW	08															
MERRILL	3.06			.07												
OAKLAND 1 SE	2.32			.01	.01			.59	T	.30					.23	
SAVAGE RIVER DAM	2.62		.08					.55	.16						.01	
	1.81		.03				.06	.29	.40		T			.07	.72	
										.16	T			.21		
DELAWARE																
NORTHERN MIDDLETOWN 3 E	01															
NEWARK UNIVERSITY FARM	2.65		.29					.40								
WILMINGTON WSO AP	4.77		1.49	.20				.05		.05					.02	
WILMINGTON PORTER RESVR	2.88		1.26	T				T		T					.03	
	3.32		.61	.08				T		T					.01	
SOUTHERN																
DOVER	02															
GEORGETOWN 5 SW	3.94			1.05												
GREENWOOD 2 NE	6.40			.36											.10	
LEWES	3.69		.05	.37	.01										.06	
MILFORD 4 SE	5.26		1.30	.27											.13	
	4.22		1.00	.19											.14	
															.15	.10

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION (CONT)

MARYLAND AND
DELAWARE
AUGUST 1986

STATION	DAY OF MONTH															
	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
APPALACHIAN MOUNTAIN CUMBERLAND 2 07																
EDGEMONT		.02	.03	.03		.13	.03						.13			
FROSTBURG 2	T	.53	.54		.02	.50	.12			.36			.53	.02		
HAGERSTOWN	T	.01	.04		T	.42	.11			.49			.28			
HANCOCK FRUIT LAB		.22	.94		T	1.16						.27	.16			
		.25	.14		.70	.48	T			.03		.08				
ALLEGHENY PLATEAU 08																
MC HENRY 2 NW		.55	.02	T		.10	.31			.10			.70			
MERRILL	.02	.10			.03	.25	.14			.14			.64			
OAKLAND 1 SE		.11			T	.23	T			.33			.22			
SAVAGE RIVER DAM	.31	.07	.03			.35	.12			.06		T	.17	.22		
DELAWARE																
NORTHERN MIDDLETOWN 3 E 01																
NEWARK UNIVERSITY FARM		.03	.06			1.80										
WILMINGTON WSO AP	R	.08	T		1.30	.96	.10					.11	.45			
WILMINGTON PORTER RESVR		T	.28	.02	T	.82						.07	.42			
		1.11	.10	.03	.02	.86						.08	.43			
SOUTHERN DOVER 02																
GEORGETOWN 5 SW		.03	.04		.07	1.20	.47						.75			
GREENWOOD 2 NE			1.11			2.03							.97	.45		
LEWES		.36	.06	T	.87	.58	.03						.72			
MILFORD 4 SE			.47		.30	1.30	.15						.91			
			.15		.36	1.12	.34						.76			

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES (°F)

MARYLAND AND
DELAWARE
AUGUST 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			
GLENN DALE BELL STN	MAX MIN	88 68	85 66	83 63	86 64	86 60	87 64	86 66	86 68	89 62	90 64	89 70	78 60	78 60	82 58	87 59	89 64	90 66	81 70	81 68	72 64	81 57	83 59	83 65	79 48	86 56	86 70	84 53	68 38	67 40	67 42	82.5 60.7		
LAUREL 3 W	MAX MIN																																M M	
NATIONAL ARBORETUM D C	MAX OBS MIN	83 67	85 66	89 65	86 65	83 62	82 63	84 64	83 66	80 65	84 65	87 70	77 63	77 62	80 60	86 63	90 65	93 70	83 69	84 66	80 63	75 60	84 60	84 60	80 53	80 54	87 61	88 56	75 85	82 42	74 45	83.0 61.4		
UPPER MARLBORO 3 NNW	MAX MIN	90 63	88 64	92 63	81 63	86 60	86 63	87 63	86 65	83 63	90 63	90 65	81 61	76 56	79 56	83 59	88 64	90 68	85 68	86 67	79 65	75 64	70 59	82 59	83 58	79 47	80 55	85 59	87 56	66 40	67 40	70 40	82.3 59.4	
NORTHERN EASTERN SHORE 05																																		
CHESTERTOWN	MAX MIN	92 67	95 70	83 68	88 69	90 65	90 68	87 68	85 75	90 72	93 69	84 75	80 66	82 64	89 60	90 64	94 70	90 73	87 73	83 68	78 68	71 64	83 62	84 63	79 65	78 59	85 62	85 72	72 51	68 48	74 46	79 49	84.1 64.9	
MILLINGTON 1 SE	MAX OBS MIN OBS	88 65	91 67	88 67	88 65	87 61	87 66	85 66	85 73	89 67	89 64	85 73	80 65	82 64	87 57	88 59	90 66	91 70	86 71	80 66	78 68	81 64	82 60	82 60	78 49	84 59	85 70	78 54	84 42	85 41	78 45	83.5 62.3		
NORTHERN CENTRAL 06																																		
ABERDEEN PHILLIPS FLD	MAX MIN OBS	87 71		66	85 67	88 65	88 71	87 68	85 72	84 69	84 70	84 72	81 67	85 61	86 61	71 65	71 65	86 74	81 70	79 68	75 65	81 64	83 68	78 67	83 67	84 74	78 50	66 62	66 73	78 58	83 48	84 47	82.5 65.0	
BALTIMORE WSO CI	R MAX MIN	90 72	92 71	85 72	88 71	89 71	90 72	88 71	89 76	94 72	93 73	86 73	77 68	84 66	86 68	88 72	90 74	90 74	89 73	82 70	77 68	68 65	85 64	87 69	82 67	83 67	88 74	89 74	75 57	69 53	74 52	77 55	84.6 68.2	
BENSON POLICE BARRACKS	MAX MIN OBS	92 68	93 68	85 67	90 66	89 64	89 69	89 67	88 71	92 68	93 73	91 71	88 64	86 58	89 59	89 63	91 72	87 69	88 71	81 68	81 67	89 64	85 60	85 61	83 64	87 55	86 58	86 70	82 55	72 46	76 43	78 47	86.1 63.4	
BOYDS 2 NW	MAX MIN OBS	89 65	88 68	85 66	86 64	87 65	88 66	87 64	82 67	88 67	91 66	87 68	77 53	80 56	84 61	87 57	91 70	83 69	84 68	84 67	78 67	70 64	79 60	83 62	77 62	77 53	85 58	84 69	74 51	65 44	72 46	75 49	82.2 61.7	
CATOCTIN MOUNTAIN PARK	MAX MIN	81 62	86 68	82 65	78 61	79 63	81 65	81 64	79 65	81 68	82 66	81 66	73 58	74 57	77 60	79 65	81 69	82 67	78 66	78 64	76 64	69 59	75 62	77 62	75 55	73 52	79 52	79 59	69 49	63 43	67 47	68 54	76.9 61.0	
CLARKSVILLE 3 NNE	MAX MIN	88 62	88 63	84 68	86 62	86 59	82 62	86 64	87 67	89 62	89 66	84 69	81 55	84 56	85 59	89 68	84 69	84 69	84 65	74 61	71 64	81 61	80 55	78 63	77 47	85 56	80 65	76 53	69 39	76 38	77 41	82.1 59.8		
CONOWINGO DAM	MAX OBS MIN OBS	72 66	92 69	82 67	89 64	88 63	89 68	86 66	84 71	89 64	91 62	87 70	78 63	81 45	87 57	93 63	89 70	88 70	75 71	81 67	77 67	68 62	82 61	83 60	78 60	88 51	83 57	86 67	69 47	69 46	72 45	77 48	82.4 61.5	
DAMASCUS 2 SW	MAX MIN	90 65	86 67	84 66	85 65	87 64	87 67	87 64	82 66	87 65	90 65	81 68	75 59	83 61	86 65	90 70	84 69	83 68	81 65	71 67	68 63	80 59	82 63	77 61	77 51	85 58	83 70	66 51	71 41	74 44	81.0 61.8			
EMMITSBURG 2 SE	MAX MIN	87 59	88 63	86 64	85 58	87 60	88 63	88 64	85 67	90 69	90 68	80 61	81 58	85 58	86 64	90 73	85 69	86 86	86 65	77 64	73 61	84 64	84 61	79 67	78 48	86 54	86 67	75 54	66 38	72 42	73 42	83.1 60.4		
FREDRICK POLICE BRKS	MAX MIN	91 65	91 69	88 69	90 65	90 65	91 68	88 67	84 68	92 70	92 65	90 70	85 65	83 61	86 63	87 68	92 73	87 70	88 72	88 69	82 69	76 65	83 62	85 63	85 62	80 58	86 58	85 68	79 54	69 46	76 44	76 48	85.3 63.8	
PARKTON 2 SW	MAX MIN	88 62	88 63	84 64	87 59	85 56	88 64	87 62	84 65	90 63	85 59	81 62	80 53	84 56	85 60	88 67	85 66	81 67	85 65	75 62	75 65	67 58	82 58	83 59	77 45	77 52	82 62	66 44	65 38	71 39	75 41	81.6 58.0		
ROCKVILLE 1 NE	MAX MIN	89 66	90 68	85 68	86 66	86 63	87 68	87 66	82 71	89 68	90 65	80 69	73 58	79 58	83 64	86 69	90 73	83 79	86 83	86 73	70 70	70 68	86 66	86 61	86 62	79 54	86 60	84 69	66 49	66 40	70 44	81.2 62.7		
TOWSON	MAX MIN OBS	89 64	93 66	91 65	85 64	87 63	87 64	86 65	85 66	90 67	91 67	92 73	88 65	85 57	90 60	87 65	89 70	87 67	89 67	83 66	77 61	75 61	84 65	83 59	83 61	87 55	84 52	83 53	83 68	78 51	83 45	83 45	87 49	84.7 61.8
UNIONVILLE	MAX MIN OBS	90 56	90 59	88 59	89 56	89 56	90 58	87 61	88 59	88 60	89 61	89 59	76 53	85 58	82 54	81 64	91 55	90 62	84 71	80 52	74 59	75 57	83 53	82 46	81 57	75 49	84 52	82 67	75 53	66 35	75 36	75 39	83.0 55.4	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES (°F)

MARYLAND AND
DELAWARE
AUGUST 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		
WESTMINSTER POLICE BRK	MAX	88	88	85	86	86	86	87	86	88	89	92	82	80	84	85	89	87	83	83	78	73	79	84	86	78	85	85	78	65	71	75	82.9	
	MIN	60	66	65	62	62	66	63	67	67	63	63	60	55	59	64	68	66	66	62	64	60	59	62	59	52	56	67	50	43	44	46	60.2	
WOODSTOCK	MAX	92	91	85	89	87	89	88	84	92	92	84	82	83	86	88	91	87	87	87	75	72	82	84	82	80	86	82	77	69	73	76	83.9	
	MIN	65	67	68	64	62	67	66	68	65	62	70	63	57	58	62	70	70	70	67	68	64	61	60	63	50	56	69	54	41	41	45	61.7	
APPALACHIAN MOUNTAIN																																		
CUMBERLAND 2	MAX	89	91	87	87	89	91	88	86	88	88	84	77	80	87	90	94	88	90	87	79	72	85	87	82	82	90	87	73	72	76	78	84.6	
	MIN	64	60	58	59	63	65	65	67	64	67	59	61	60	60	63	69	70	64	65	64	62	61	59	53	54	57	56	40	41	41	50	59.4	
FROSTBURG 2	MAX	77	80	82	77	77	79	83	80	78	79	80	72	69	72	78	81	85	75	81	77	66	63	77	80	68	74	82	70	58	62	67	75.1	
	MIN	57	58	57	55	55	57	62	62	64	62	62	54	54	57	59	61	66	66	60	60	60	57	57	53	49	49	59	49	38	39	41	56.1	
HAGERSTOWN	MAX	92	92	88	89	88	90	91	92	90	92	89	80	82	87	86	91	85	85	82	76	74	83	85	86	80	86	79	70	70	72	75	84.1	
	MIN	60	64	74	61	62	62	66	68	66	63	63	62	59	68	66	70	70	67	65	67	63	59	60	59	54	57	69	53	42	43	47	61.6	
HANCOCK FRUIT LAB	MAX	90	91	88	88	88	88	90	88	89	90	89	82	82	86	90	92	90	88	87	82	74	82	86	83	77	86	86	74	68	72	74	84.5	
	MIN	57	61	58	54	56	62	65	64	64	59	66	58	59	55	59	64	69	67	62	64	64	61	59	60	48	53	65	39	37	35	39	57.5	
ALLEGHENY PLATEAU																																		
MC HENRY 2 NW	MAX	77	81	80	77	72	82	83	83	75	78	80	71	71	72	81	81	85	74	79	77	77	77	78	79	69	76	81	66	58	63	68	75.8	
	MIN	57	59	57	54	56	58	59	61	60	61	58	49	51	55	58	63	63	63	58	58	58	55	57	50	47	48	59	44	38	40	43	54.7	
OAKLAND 1 SE	MAX	82	80	77	76	82	83	79	76	78	81	78	70	70	77	81	83	81	78	77	74	67	78	78	78	76	81	80	63	61	66	68	76.1	
	MIN	51	55	55	49	52	56	60	62	61	57	60	53	54	53	54	60	64	64	55	63	61	57	52	51	46	53	60	46	32	33	37	53.7	
SAVAGE RIVER DAM	MAX	81	85	84	80	81	82	84	84	80	81	85	75	71	75	80	81	89	78	86	80	70	68	80	83	72	80	86	74	62	67	72	78.6	
	MIN	56	52	60	53	55	56	62	63	62	61	63	55	56	55	56	59	64	66	60	60	61	58	56	56	49	49	55	50	37	37	38	55.5	
DELAWARE																																		
NORTHERN																																		
MIDDLETOWN 3 E	MAX	84	88	82	86	86	87	86	85	89	87	83	77	81	83	83	89	87	87	81	77	70	82	83	77	77	83	85	75	67	72	75	81.7	
	OBS																																	
	MIN	66	68	68	66	62	66	66	74	67	64	71	66	63	59	61	67	70	72	66	68	64	59	60	63	52	59	69	54	44	43	46	62.7	
	OBS																																	
NEWARK UNIVERSITY FARM	MAX	87	91	82	85	87	88	86	85	89	89	85	82	82	84	88	91	88	87	85	79	68	82	84	78	77	84	84	68	67	77	76	82.7	
	MIN	64	67	68	64	61	65	66	73	66	63	72	63	62	64	56	68	72	73	66	66	62	59	59	58	49	58	66	54	42	42	45	61.7	
WILMINGTON WSO AP	MAX	84	89	82	85	86	86	85	86	88	87	82	78	82	83	84	87	88	87	83	78	69	83	83	78	76	83	84	68	67	71	76	81.5	
	MIN	67	71	69	66	64	69	69	73	69	67	70	66	60	59	65	70	75	71	68	68	64	60	62	58	52	62	68	46	44	45	49	63.4	
WILMINGTON PORTER RESVR	MAX	85	91	82	84	88	85	84	85	90	93	83	78	84	86	85	89	90	85	82	78	69	82	83	77	75	84	84	69	67	71	88	82.5	
	MIN	66	69	68	68	66	70	68	73	69	68	71	65	62	61	64	72	70	70	68	68	64	61	62	61	54	62	69	49	47	46	53	64.0	
SOUTHERN																																		
DOVER	MAX	87	92	86	87	88	90	87	88	94	91	91	85	82	83	86	90	90	88	88	79	76	82	85	83	81	85	88	86	68	72	75	84.9	
	MIN	67	67	69	67	65	68	67	75	71	67	72	66	65	63	61	67	70	72	68	69	65	62	64	69	55	61	71	55	45	46	47	64.4	
GEORGETOWN 5 SW	MAX	87	89	92	80	87	87	88	87	87	90	92	85	74	77	84	86	91	88	84	79	74	73	81	83	78	78	83	89	65	71	73	82.6	
	MIN	67	67	69	63	63	61	66	72	67	69	67	65	66	62	64	62	66	70	67	69	68	63	63	68	48	48	66	54	42	42	52	62.5	
GREENWOOD 2 NE	MAX	86	91	80	87	87	88	86	85	87	91	83	75	80	83	87	92	88	86	80	77	71	82	81	78	77	82	88	88	69	72	75	82.6	
	MIN	68	68	67	63	64	64	66	74	68	67	71	68	64	59	59	65	71	72	68	67	68	62	63	69	49	57	69	55	42	43	45	63.1	
LEWES	MAX	81	87	86	90	87	86	83	81	90	91	93	80	77	79	83	87	87	83	81	83	71	80	84	82	79	85	90	79	66	73	75	82.5	
	MIN	69	69	69	66	65	64	66	68	71	70	75	66	66	67	62	66	74	71	69	67	67	67	64	69	57	62	77	57	50	47	50	65.4	
MILFORD 4 SE	MAX	84	88	86	86	85	88	87	88	89	92	88	88	78	79	84	91	88	85	82	82	74	82	83	78	78	84	89	76	67	70	73	83.0	
	MIN	66	69	68	64	63	64	66	73	68	67	73	66	65	62	58	64	71	71	66	66	67	62	62	69	52	57	69	55	44	43	45	63.1	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

EVAPORATION AND WIND

MARYLAND AND
DELAWARE
AUGUST 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	13	20	33	51	71	26	23	71	31	15	23	31	31	61	51	81	71	81	10	31	20	14	51	*	58	81	12	25	18	16	10	414	
	EVAP	23	22	48	13	23	27	25	14	33	13	25	15	13	15	18	14	18	91	15	71	21	0	15	*	55	20	21	18	11	17	18	5.67	
	MAX	92	93	94	94	94	89	88	92	84	94	93	84	80	86	91	89	95	88	91	83	78	71	91	-	-	89	92	89	73	81	82	87.6	
	MIN	69	72	70	71	70	70	70	69	73	71	73	67	64	64	66	71	75	72	72	71	67	65	66	-	-	58	64	62	50	51	54	66.8	
UPPER MARLBORO 3 NNW																																		
	WIND	7	4	14	11	31	5	10	31	0	21	81	21	14	15	61	51	61	30	10	0	19	13	21	0	*	18	31	71	15	61	1	229	
	EVAP	20	19	26	81	21	23	25	13	10	18	21	11	14	17	19	20	16	26	13	61	-	-	12	20	29	16	20	15	11	16	15	5.34B	
	MAX	96	98	97	89	96	97	96	95	90	96	97	85	82	84	93	96	98	87	89	82	77	72	92	92	88	89	93	90	73	80	84	89.5	
	MIN	68	71	68	69	70	69	69	69	70	70	70	66	64	64	65	68	72	71	70	70	66	64	63	67	67	59	64	63	50	51	54	65.8	
ALLEGHENY PLATEAU 08																																		
SAVAGE RIVER DAM																																		
	WIND	30	17	15	25	36	17	4	9	21	25	17	25	16	15	13	13	13	4	22	15	44	71	4	26	51	12	17	33	46	18	12	622	
	EVAP	22	22	11	25	21	13	4	14	16	17	13	3	26	71	13	4	14	-	27	5	11	31	3	25	28	14	25	13	4	27	12	4.46B	
	MAX	85	85	86	83	81	82	83	86	85	87	84	81	78	79	85	79	86	77	87	81	69	67	80	84	80	86	89	71	68	75	81	81.0	
	MIN	60	67	62	60	55	66	64	66	65	65	60	60	60	60	64	67	68	65	65	62	61	62	60	54	55	60	55	44	43	45	60.2		
DELAWARE																																		
NORTHERN 01																																		
NEWARK UNIVERSITY FARM	WIND	25	30	17	17	18	22	16	25	38	19	37	20	28	20	29	21	21	47	25	20	24	22	18	43	13	4	14	28	21	13	12	807	
	EVAP	13	55	71	91	25	18	21	17	13	31	12	14	33	18	20	17	13	13	12	4	10	25	14	20	33	17	13	11	10	16	12	5.46	
	MAX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	M
	MIN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	M
SOUTHERN 02																																		
GEORGETOWN 5 SW	WIND	53	55	57	23	26	35	67	86	53	64	78	58	58	53	36	41	46	29	91	34	83	84	79	51	17	41	21	81	70	36	33	1939	
	EVAP	30	22	36	91	22	26	38	16	22	26	33	21	61	12	28	32	17	32	23	81	-	31	26	22	38	22	25	35	10	21	18	7.02B	
	MAX	93	94	96	92	94	92	95	91	93	94	96	87	76	83	92	89	96	93	87	81	77	77	81	83	84	87	89	92	70	79	82	87.5	
	MIN	70	73	76	70	70	68	69	71	74	73	73	70	68	67	68	67	73	72	72	72	70	67	71	72	59	69	64	68	50	50	55	68.1	

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
AUGUST 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	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	7			H	NATIONAL PARK SERVICE	
BALTIMORE WSO AP	0465	04	ANNE ARUNDEL	39 11	76 40W	196	MID	MID			C	H	NATL WEATHER SERVICE
BALTIMORE WSO CI #	0470	06	BALTO CITY	39 17	76 37W	91	MID	MID			C	C	OCMI COMMANDING OFFICER
BELTSVILLE	0700	04	PRN GEORGES	39 2	76 53W	120	8	8			B	C	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					WASTEWATER TRMT 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					INACTIVE 02/01/86
CHESTERTOWN	1750	05	KENT	39 13	76 4W	40	23	23					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
CORNOWINGO DAM	2060	06	HARFORD	39 39	76 10W	40	MID	MID					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					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					RICHARD W SCHWERDT
DENTON 2 E	2523	02	CAROLINE	38 53	75 48W	50	17	17					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					MRS LUCILLE K BEALE
FREDORICK POLICE BRKS	3348	06	FREDERICK	39 25	77 26W	380	17	17					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					LEE K CLOSE
GLENN DALE BELL STN	3675	04	PRN GEORGES	38 58	76 48W	150	16	16					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					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 5 NE	5865	03	ST MARYS	38 26	76 43W	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					HOWARD L HARVEY
NATIONAL ARBORETUM D C	6350	04		38 54	76 59W	50	8	8					U S NATL ARBORETUM
OAKLAND 1 SE	6620	08	GARRETT	39 24	79 24W	2420	17	17					BEA J CROSCO
OWINGS FERRY LANDING	6770	03	CALVERT	38 41	76 40W	160	17	17					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					UNIVERSITY MARYLAND EAST
ROCKVILLE 1 NE	7705	06	MONTGOMERY	39 6	77 6W	440	17	17					WASH GAS & LIGHT CO
ROYAL OAK 2 SSW	7806	02	TALBOT	38 43	76 11W	10	18	18					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					FAA
SAVAGE RIVER DAM	8065	08	GARRETT	39 31	79 8W	1495	8	8			B	C	U S CORPS OF ENGINEERS
SNOW HILL 4 N	8380	01	WORCESTER	38 14	75 23W	28	18	18					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			B	H	TOBACCO EXP FARM
VIENNA	9140	02	DORCHESTER	38 29	75 50W	12	18	18					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
AUGUST 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	3570	02	SUSSEX	38 38	75 27W	45	18	18	8	C	UNIV OF DEL SUBSTATION
GREENWOOD 2 NE	3595	02	SUSSEX	38 50	75 35W	45	18	18		H	DANIEL M SWARTZENTRUBER
LEWES	5320	02	SUSSEX	38 46	75 8W	15	17	17		H	BOARD OF PUBLIC WORKS
MIDDLETOWN 3 E	5852	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	9595	01	NEW CASTLE	39 40	75 36W	79	MID	MID		C H J	NATL WEATHER SERVICE
WILMGTON 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
AUGUST 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.
W1 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)

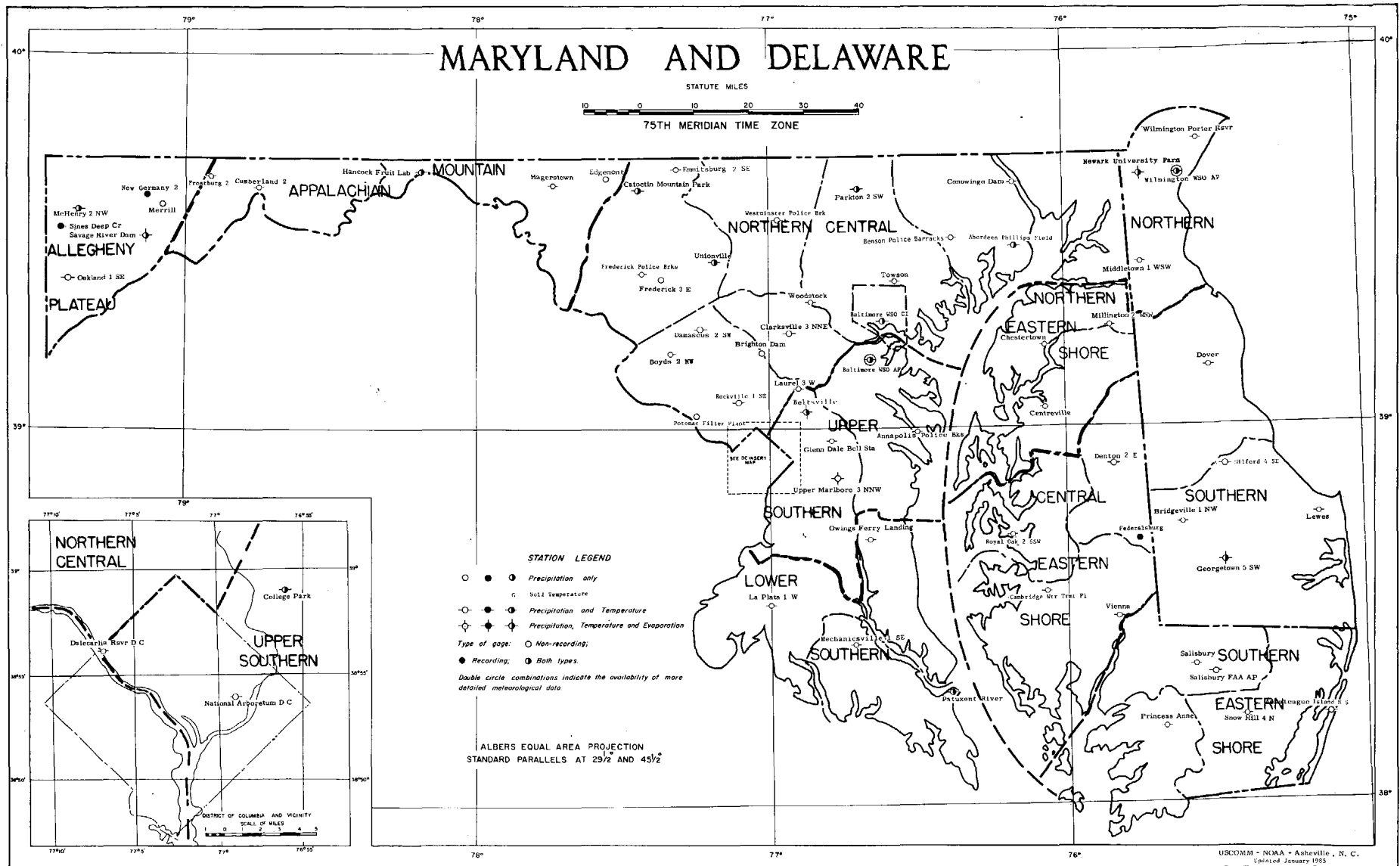
Additional Information regarding the climate of this state may be obtained by writing to the National Climatic Data Center, Federal Building, Asheville, N. C. 28801-2696, or to any Weather Service Office near you. Additional precipitation data are contained in the "Hourly Precipitation Data" bulletin 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. AUGUST 1986-0680



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
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