

CLIMATOLOGICAL DATA

MARYLAND AND DELAWARE

JULY 1985

VOLUME 89 NUMBER 7



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28801

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ASHEVILLE NORTH CAROLINA

TEMPERATURE AND PRECIPITATION EXTREMES

MARYLAND AND
DELAWARE
JULY 1985

MARYLAND
HIGHEST TEMPERATURE 96
LOWEST TEMPERATURE 38
GREATEST TOTAL PRECIPITATION 11.69
LEAST TOTAL PRECIPITATION 1.74
GREATEST 1 DAY PRECIPITATION 4.16

DELAWARE
HIGHEST TEMPERATURE 94
LOWEST TEMPERATURE 50
GREATEST TOTAL PRECIPITATION 8.44
LEAST TOTAL PRECIPITATION 1.83
GREATEST 1 DAY PRECIPITATION 3.83

JULY 23+
JULY 24

JULY 9

JULY 21+
JULY 24

JULY 31

3 STATIONS
FROSTBURG 2
OAKLAND 1 SE
SALISBURY
OAKLAND 1 SE

4 STATIONS
2 STATIONS
DOVER
GEORGETOWN 5 SW
WILMINGTON PORTER RESVR

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

MARYLAND AND
DELAWARE
JULY 1985

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	82.7	68.4	75.6		9223	6014	0	333	3	0	0	0	3.53		1.19	30	.0	0	6	2	1
PRINCESS ANNE	87.5	64.7	76.1	.1	9321+	4924	0	333	1	0	0	0	2.09	-1.73	.94	29	.0	0	5	1	0
SALISBURY	86.4	68.3	77.4	.4	9122+	5524	0	333	0	0	0	0	1.74	-1.03	.68	29	.0	0	4	2	0
SALISBURY FAA AP	86.2	67.3	76.8	.3	9420	5524	0	333	0	0	0	0	2.01	-1.99	.97	29	.0	0	4	1	0
SNOW HILL 4 N	86.4	65.5	76.0	.1	9221+	5024	0	348	8	0	0	0	5.45	-1.46	2.73	16	.0	0	5	2	2
--DIVISIONAL DATA-->																					
CENTRAL EASTERN SHORE 02																					
CAMBRIDGE WTR TRMT PL	88.9	66.4	77.7	.8	9422+	5424	0	401	15	0	0	0	2.39	-1.92	.84	9	.0	0	5	2	0
DENTON 2 E																					
ROYAL OAK 2 SSW	86.2	68.0	77.1	-.6	9120	5524	0	385	4	0	0	0	3.97	-.42	1.01	16	.0	0	9	2	1
VIENNA	88.3	65.6	77.0	-.4	9513	4824	0	377	3	0	0	0	3.16	-.78	.79	10+	.0	0	6	3	0
--DIVISIONAL DATA-->																					
LOWER SOUTHERN 03																					
LA PLATA 1 W	84.8	66.6	75.7	-.2	9115	5524	0	337	2	0	0	0	2.69	-1.34	.93	25	.0	0	7	2	0
MECHANICSVILLE 5 NE	86.1	65.7	75.9		9415	5224	0	347	4	0	0	0	4.36		.87	31	.0	0	9	4	0
OWINGS FERRY LANDING	87.4	65.0	76.2	-.1	9315	5324	0	353	11	0	0	0	6.55	2.89	1.76	16	.0	0	11	5	2
PATUXENT RIVER	87.4	69.3	78.4		9520+	6024	0	419	11	0	0	0	2.18		.75	29	.0	0	4	3	0
--DIVISIONAL DATA-->																					
UPPER SOUTHERN 04																					
ANNAPOLIS POLICE BRKS	88.3	68.0	78.2		9421+	55 1	0	417	10	0	0	0	3.10		.82	9	.0	0	8	1	0
BALTIMORE WSO AP	87.1	65.7	76.4	-.4	9515	5524	0	363	9	0	0	0	2.53	-1.36	.65	27	.0	0	8	2	0
BELTSVILLE	86.7	64.1	75.4	.2	9316	5124	0	329	9	0	0	0	5.04	-.90	2.73	26	.0	0	8	2	0
COLLEGE PARK	88.2	67.4	77.8	.6	9616+	5524	0	406	12	0	0	0	4.50	-.44	1.87	26	.0	0	6	3	2
DALECARLIA RESVR D C	89.2	67.1	78.2	1.0	9415+	5524	0	415	14	0	0	0	3.10	-.94	.56	13	.0	0	9	2	0
GLENN DALE BELL STN	87.3	63.3	75.3	-.3	9315	4924	0	326	8	0	0	0	3.76	-.55	1.02	13	.0	0	7	3	1
LAUREL 3 W	87.1	68.1	77.6	-.4	9622	6125+	0	398	10	0	0	0	5.70	-1.82	3.40	25	.0	0	7	3	1
NATIONAL ARBORETUM D C	87.7	65.0	76.4	-.3	9516	5324	0	356	11	0	0	0	2.95	-1.25	.85	26	.0	0	5	4	0
UPPER MARLBORO 3 NNW	87.1	63.5	75.3		9521	5124	0	328	10	0	0	0	2.25	-1.81	.72	26	.0	0	4	2	0
--DIVISIONAL DATA-->																					
NORTHERN EASTERN SHORE 05																					
CENTREVILLE	87.9	60.8	74.4		9215	5124	0	297	9	0	0	0	5.51		1.10	16	.0	0	7	6	3
CHESTERTOWN	87.3	67.1	77.2	.3	9231+	5724	0	382	9	0	0	0	2.96	-.98	.51	13	.0	0	10	1	0
MILLINGTON 1 SE	86.2	64.6	75.4	-.2	9120+	5224	0	329	3	0	0	0	4.21	-.34	.76	26	.0	0	8	4	0
--DIVISIONAL DATA-->																					
NORTHERN CENTRAL 06																					
ABERDEEN PHILLIPS FLD	86.3	66.7	76.5		9121	5624	0	362	1	0	0	0	4.60				.0	0	5	2	0
BALTIMORE WSO CI	89.4	71.1	80.3	.4	9521+	6424	0	481	17	0	0	0	5.24	1.21	.82	4	.0	0	9	6	0
BENSON POLICE BARRACKS	87.1	63.2	75.2	.3	9214	5424	0	325	5	0	0	0	7.29	2.94	2.60	10	.0	0	10	4	2
BOYDS 2 NW	85.1	63.5	74.3		9030+	51 1	0	297	3	0	0	0	3.81		1.15	13	.0	0	8	3	1
CATOCTIN MOUNTAIN PARK	79.4	62.4	70.9		8430+	5323	0	191	0	0	0	0	4.09		2.12	26	.0	0	6	2	1
CLARKSVILLE 3 NNE	87.4	61.7	74.6		9315	4824	0	300	9	0	0	0	5.23		1.57	25	.0	0	11	3	2
CONOWINGO DAM	86.0	64.3	75.2	.1	9121+	5524	0	323	6	0	0	0	4.81	.44	1.02	26	.0	0	9	4	1
DAMASCUS 2 SW	84.3	63.4	73.9		9015+	5424	0	284	2	0	0	0	5.12		1.35	27	.0	0	10	4	2

SEE REFERENCE NOTES FOLLOWING STATION INDEX

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

MARYLAND AND
DELAWARE
JULY 1985

STATION	TEMPERATURE (°F)											PRECIPITATION (IN)												
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST DATE	LOWEST DATE	HEATING DEGREE DAYS	COOLING DEGREE DAYS	NO. OF DAYS				TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY DATE	SNOW SLEET			NO. OF DAYS					
									90 OR ABOVE MAX	32 OR BELOW MIN	32 OR BELOW MIN	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
EMMITSBURG 2 SE	85.5	60.5	73.0		91 16	4 24	1	256	3	0	0	0	4.25		1.20	26	.0	0			8	4	2	
FREDRICK POLICE BRKS	87.5	65.7	76.6		94 31	5 24	0	368	10	0	0	0	5.51		2.06	16	.0	0			8	3	3	
PARKTON 2 SW	83.4	61.0	72.3		90 30+	5 24	2	235	2	0	0	0	5.62		1.23	6	.0	0			12	3	2	
ROCKVILLE 1 NE	83.7	64.0	73.9	-1.8	90 14	5 24	0	281	1	0	0	0	6.04	-2.26	1.34	15	.0	0			8	5	3	
TOWSON	87.5	66.0	77.1		93 19+	5 24	0	385	10	0	0	0	3.12	-1.01	1.90	27	.0	0			7	3	2	
UNIONVILLE	86.9	59.0	73.0	-.6	96 23	4 24	0	256	7	0	0	0	4.90	1.31	2.00	16	.0	0			8	3	0	
WESTMINSTER POLICE BRK	86.7	64.0	75.5	1.3	93 9	5 24	0	327	7	0	0	0	5.60	1.60	1.75	7	.0	0			11	4	1	
WOODSTOCK	86.7	63.5	75.1	.2	92 15	5 24	0	320	4	0	0	0	3.55	-.01	.89	27	.0	0			8	3	0	
--DIVISIONAL DATA-->			74.8	-.3									4.92	1.02			.0	0						
APPALACHIAN MOUNTAIN																								
CUMBERLAND 2	85.8	61.0	73.4	-1.0	91 19	5 34+	0	267	3	0	0	0	2.43	-.76	.49	15	.0	0			7	0	0	
FROSTBURG 2	78.2	52.4	65.3		84 31+	3 8	35	50	0	0	0	0	6.18		.88	3	.0	0			13	6	0	
HAGERSTOWN	86.3	63.4	74.9	.0	91 30+	5 24	0	313	4	0	0	0	4.44	1.10	1.07	12	.0	0			9	5	1	
HANCOCK FRUIT LAB	84.6	60.0	72.3	-.6	90 30	4 24	0	234	1	0	0	0	3.54	-.02	.80	16	.0	0			10	1	0	
--DIVISIONAL DATA-->			71.5	-1.9									4.15	.73			.0	0						
ALLEGHENY PLATEAU																								
MC HENRY 2 NW	77.2	57.2	67.2		85 14	4 23	12	90	0	0	0	0	8.29		2.91	9	.0	0			13	4	2	
OAKLAND 1 SE	78.2	57.2	67.7	.3	84 31+	4 28+	14	105	0	0	0	0	11.69	7.01	4.16	9	.0	0			15	6	2	
SAVAGE RIVER DAM	79.3	56.9	68.1	-1.4	91 31+	4 28	7	110	2	0	0	0	5.26	1.64	1.82	9	.0	0			11	3	1	
--DIVISIONAL DATA-->			67.7	.0									8.41	4.14			.0	0						
DELAWARE																								
NORTHERN																								
MIDDLETOWN 1 WSW	86.0	62.9	74.5		94 21	5 24	0	301	4	0	0	0	4.42		1.34	26	.0	0			6	3	2	
NEWARK UNIVERSITY FARM																								
WILMINGTON WSO AP	86.5	66.6	76.6	.6	92 21+	5 24	0	366	5	0	0	0	6.91	3.01	3.02	31	.0	0			10	5	1	
WILMGTON PORTER RESVR	85.1	65.1	75.1	.2	91 15	5 24	0	322	4	0	0	0	7.75	3.62	3.83	31	.0	0			8	4	2	
--DIVISIONAL DATA-->			75.4	-.3									6.36	2.36			.0	0						
SOUTHERN																								
BRIDGEVILLE 1 NW	88.0	64.5	76.3	.1	94 21+	5 24	0	359	11	0	0	0	2.05	-2.31	.64	16	.0	0			5	1	0	
DOVER	87.3	66.8	77.1	.1	94 21	5 24	0	379	11	0	0	0	8.44	-4.17	3.45	31	.0	0			8	5	3	
GEORGETOWN 5 SW	86.5	66.9	76.7	.6	93 22+	5 24	0	372	9	0	0	0	1.83	-2.19	.57	11	.0	0			4	1	0	
LEWES	87.1	67.0	77.1	1.9	94 20	5 24	0	382	8	0	0	0	4.09	-.07	1.65	9	.0	0			7	3	1	
MILFORD 4 SE	86.8	66.5	76.7	.2	93 21+	5 24	0	368	10	0	0	0	2.79	-1.59	1.62	9	.0	0			5	2	1	
--DIVISIONAL DATA-->			76.8	.6									3.84	-.39			.0	0						

SEE REFERENCE NOTES FOLLOWING STATION INDEX
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DAILY PRECIPITATION (INCHES)

MARYLAND AND
DELAWARE
JULY 1985

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	3.53		.05					.05		.04		.32	.01			
PRINCESS ANNE	2.09							.19		.05		.05	.04			
SALISBURY	1.74									.01		.30	.06	.08		
SALISBURY FAA AP	2.01							.05		.02	.27	T	.02			
SNOW HILL 4 N	5.45	T	T			T			.06		.11	.05		.07		
CENTRAL EASTERN SHORE 02																
CAMBRIDGE WTR TRMT PL	2.39										.84	.05	.07	.02		
DENTON 2 E	3.97	-	-			-						.81	.04		-	-
ROYAL OAK 2 SSW	3.16			.17				.48				.79	.04	.01		
VIENNA	3.16									.79	.79	.20				
LOWER SOUTHERN 03																
LA PLATA 1 W	2.69	T		.05		.05	.03	T			.04	.12	.31			
MECHANICSVILLE 5 NE	4.36	.01					.41			T	T	.26	.27			
OWINGS FERRY LANDING	6.55			1.14			.35					.63	.18	.66	T	
PATUXENT RIVER	2.18	.01				T	.05	T	T		.53	.05	T			
UPPER SOUTHERN 04																
ANNAPOLIS POLICE BRKS	3.10			.04						.82	.37	.05	.15			
BALTIMORE WSO AP	2.53	.07	.10				.01		.01	.01	.29	.15	.33			.08
BELTSVILLE	5.04		.01	.70						T	.14	.03	.06	1.38	T	.24
COLLEGE PARK	4.50	T	.01	.24			T	T		.02	.01	.14	.06			
DALECARLIA RESVR D C	3.10	.03		.15			.29				.08	.10	.56			
GLENN DALE BELL STN	3.76	T		.04			.03				.48	.13	1.02			
LAUREL 3 W	5.70		.11			.05			.02	.07	.33					.72
NATIONAL ARBORETUM D C	2.95		.02	.09	.45							.11	.05	.79	.04	
UPPER MARLBORO 3 NNW	2.25			.05								.09	.05	.35		
NORTHERN EASTERN SHORE 05																
CENTREVILLE	5.51	T		T			.60	T		1.00	1.05					
CHESTERTOWN	2.96	T	T				.07				.43		T			.26
MILLINGTON 1 SE	4.21	T		.31			.49		.13		.59	.27	T	.03		
NORTHERN CENTRAL 06																
ABERDEEN PHILLIPS FLD	4.60	T		.02				*	*	1.06	.17	.68	.01	.01	*	.43
BALTIMORE WSO CI	5.24				.82					.17	.78	.05		.03	.80	.24
BENSON POLICE BARRACKS	7.29	.02		T	.15			.09			.40	2.60	.08	1.35	.33	.33
BOYDS 2 NW	3.81	.03		.22				T			T	.01	.33	1.15	.65	.65
BRIGHTON DAM	5.15		.05					T				1.29	.30		.45	.45
CATOCTIN MOUNTAIN PARK	4.09	.09		.05			.32		.03	.02	.06			.02	.03	.03
CLARKSVILLE 3 NNE	5.23	.02		T			.01			.11	1.12		.27	.01	.10	.10
CONOWINGO DAM	4.81	T	T		.12				.23	.86		.68	T	.02		
DAMASCUS 2 SW	5.12	.06	.04	T			.01	T		.28	.20		.19	.15	.66	.66
EMMITTSBURG 2 SE	4.29	.10		.02				.70	T		.10		.12	T	.03	.03
FREDRICK POLICE BRKS	5.51	.05		.02							.18		.29	.17	.03	.03
FREDRICK 3 E	4.89		.05	.05	T			T		.03		.39		.44	.04	.04
PARKTON 2 SW	5.62	.14		.32			.03	1.23	.02		.28		.37		.17	.87
POTOMAC FILTER PLANT	5.45		.94				.02	.01			.02	.08	1.80		1.10	1.10
ROCKVILLE 1 NE	6.04	.05	.67				.02	.02			.15	.14	1.17		1.34	1.34
TOWSON	3.12						.02			.10	.80	.80	.10			
UNIONVILLE	4.90	.07	.02							.04	.19	.35	.13			2.00
WESTMINSTER POLICE BRK	5.60	.35					.10	1.75			.10	.75	.12			.06
WOODSTOCK	3.55	.05		T			.02				.37	.25	.25	T		.70

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION (CONT)

MARYLAND AND
DELAWARE
JULY 1985

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		.72									.17	.48	.45	.05	1.19	
PRINCESS ANNE	.11										.31	.42		.94		
SALISBURY											.51	.10		.68		
SALISBURY FAA AP	.05						.01			.33	.03	.20		.97		.06
SNOW HILL 4 N	2.73						.02				.18	.25		1.98		T
CENTRAL EASTERN SHORE 02																
CAMBRIDGE WTR TRMT PL	T							.24				.32	.28		.57	
DENTON 2 E																
ROYAL OAK 2 SSW	1.01							.21			.16	.28	.07		.38	.30
VIENNA	.52									.30	.06	.07		.43		
LOWER SOUTHERN 03																
LA PLATA 1 W										.93	.15	.25		.18		.58
MECHANICSVILLE 5 NE										.56	.47	.50		.43		.87
OWINGS FERRY LANDING	1.76									.36	.29	.30		.09		.23
PATUXENT RIVER	T		.01	T				T	T	.02	.54	T	.17	.75		.06
UPPER SOUTHERN 04																
ANNAPOLIS POLICE BRKS	.03	.01								.31	.28	.20		.02		.42
BALTIMORE WSO AP						.04	.55	.40		.18	.12	.65				.27
BELTSVILLE	.36										2.79	.16				
COLLEGE PARK								T	T		1.87	.52	.36	T	.01	
DALECARLIA RESVR D C	.39									.35	.27	.55				.33
GLENN DALE BELL STN	.10									.07	.84	.45		.02		.58
LAUREL 3 W						.03	.06			3.40	.15	.59				.17
NATIONAL ARBORETUM D C	.07							.02			.85	.02	.39		.05	
UPPER MARLBORO 3 NNW	.08							.56			.72		.31		.04	
NORTHERN EASTERN SHORE 05																
CENTREVILLE	1.10									.07	.92	.17				
CHESTERTOWN	.08						.11	.25		.21	.33	.27				.51
MILLINGTON 1 SE	.74						.02	.05		.24	.76	.39				.63
NORTHERN CENTRAL 06																
ABERDEEN PHILLIPS FLD	.47				*	*	.35	.02		.12	.68	*	*	.55		.03
BALTIMORE WSO CI						.08	.60				.64	.68				.35
BENSON POLICE BARRACKS	.66						.33	T		.05	.45	.15			T	.63
BOYDS 2 NW								.37		.56	.17	.32				T
BRIGHTON DAM	T					.20	.22			1.10	.20	1.20				.04
CATOCTIN MOUNTAIN PARK	.27						.01	.05		.27	2.12	.63				.12
CLARKSVILLE 3 NNE	.16						.11	.27		1.57	.20	.97				.31
CONOWINGO DAM	.42						.45			.56	1.02	.45		T		
DAMASCUS 2 SW	.22					T				.57	.26	1.35				
EMMITSBURG 2 SE	.52					T		1.13		.43	1.20	1.00				T
FREDRICK POLICE BRKS	2.06					T		.03		.40	1.10	1.03				.18
FREDERICK 3 E	2.10									.40	1.24	.45				
PARKTON 2 SW	.02	.04				T	.02			.31	1.07	.15				.29
POTOMAC FILTER PLANT								.35			.55	.24	.69			
ROCKVILLE 1 NE							T	T		.85	.48	1.15				
TOWSON										.10	.30	.90				
UNIONVILLE						T		.16		.70	1.01					.23
WESTMINSTER POLICE BRK	.55							.27		.40	.85	.27				.03
WOODSTOCK	.16							.04		.56	.21	.89				.05

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION (INCHES)

MARYLAND AND
DELAWARE
JULY 1985

STATION	TOTAL	DAY OF MONTH														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
APPALACHIAN MOUNTAIN 07	2.43	.06	.15	.05		T	.05	.06	T	.44		.31		.08		.49
CUMBERLAND 2	3.77		.03	.07				.02	.05	.10		.11		.29		.14
EDGEMONT	6.18	.07	.35	.88	.06	.11	.68	.09	.27	.11	.68	T	.82	T	.72	.14
FROSTBURG 2	4.44	T		T		.23	.05				.51		1.07	.78		.10
HAGERSTOWN	3.54	.35				.02	.33		T	.22	.24		.49	.12		
HANCOCK FRUIT LAB																
ALLEGHENY PLATEAU 08	8.29	.09	.11	.11	.38		.06	.18	.20	2.91	.95	.68	T		.02	1.40
MC HENRY 2 NW	5.93	.30	.16	.92	.04		.07	.10	.17	1.30	.96	.49	.02			.46
MERRILL	11.69	.27	.32	.10	.73	.04	.05	.14	.32	4.16	2.21	.05	.05	.41		.61
OAKLAND 1 SE	5.26	.28	.16	.04	.05		.05	.26	.10	1.82	.58	.79	.01	T		.39
SAVAGE RIVER DAM																
DELAWARE																
NORTHERN MIDDLETOWN 1 WSW 01	4.42									1.24	.42		T	.14		
NEWARK UNIVERSITY FARM	6.91	T											T			
WILMINGTON WSO AP	7.75						.64	.01	.33		.52		T			.42
WILMGTN PORTER RESVR						.02	.10		.62	.04	.62				T	.45
SOUTHERN																
BRIDGEVILLE 1 NW 02	2.05					T				.41	.04	.03				
DOVER	8.44									1.50	.74					
GEORGETOWN 5 SW	1.83							.01		.38		.57				
LEWES	4.09									1.65	.10		.90		.68	
MILFORD 4 SE	2.79									1.62	.11					

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION (CONT)

MARYLAND AND
DELAWARE
JULY 1985

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	.07															
EDGEMONT	.13					T	.02	.10			.28	.22				.07
FROSTBURG 2	.28					T	.12	.08			2.00	.62				
HAGERSTOWN	.15						.03	.57			.37	.11				T
HANCOCK FRUIT LAB	.80						.11	.03		.15	.81	.53				T
ALLEGHENY PLATEAU 08																
MC HENRY 2 NW	.03					T	.14	.35			.30	.37				.01
MERRILL							.04	.07			.20	.25				.38
OAKLAND 1 SE	.02					.05	.53	.40		T	.37	.59				.32
SAVAGE RIVER DAM	T						T	.26			.17	.29				.01
DELAWARE																
NORTHERN MIDDLETOWN 1 WSW 01																
NEWARK UNIVERSITY FARM	.94						.08				1.34	.26		T		
WILMINGTON WSO AP	.11						.01	.01			.55	.85	.23			
WILMGTON PORTER RESVR						T	.38	.03			.04	1.46	.16			3.02
SOUTHERN BRIDGEVILLE 1 NW 02																
DOVER	.64						T	.03			.22	.44	.05			.19
GEORGETOWN 5 SW	.42						.31	.62				1.17	.19			.04
LEWES		.04										.48		.05		.19
MILFORD 4 SE												.20	.01		.45	.10
												.66	.08		.10	.22

SEE REFERENCE NOTES FOLLOWING STATION INDEX

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

MARYLAND AND
DELAWARE
JULY 1985

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																												
SALISBURY														7.5	-												M 7.5	M 28.39
SALISBURY FAA AP														6.0	-												M 6.0	M 30.98
SNOW HILL 4 N														10.3	11	T	0										M 10.7	M 32.74
														10.7	11	T	0										M 11.7	M 35.26
CENTRAL EASTERN SHORE 02																												
CAMBRIDGE WTR TRMT PL																												
DENTON 2 E														10.3	-												M 10.3	M 38.89
ROYAL OAK 2 SSW														14.0	-												M 16.0	M 30.75
VIENNA														15.5	15	T	0										M 15.9	M 32.33
														5.5	-												M 5.5	M 31.59
LOWER SOUTHERN 03																												
LA PLATA 1 W																												
MECHANICSVILLE 5 NE																												
OWINGS FERRY LANDING																												
PATUXENT RIVER																												
UPPER SOUTHERN 04																												
ANNAPOLIS POLICE BRKS																												
BALTIMORE WSO AP																												
BELTSVILLE																												
COLLEGE PARK																												
DALECARLIA RESVR D C																												
GLENN DALE BELL STN																												
NATIONAL ARBORETUM D C																												
UPPER MARLBORO 3 NNW																												
NORTHERN EASTERN SHORE 05																												
CENTREVILLE																												
CHESTERTOWN																												
MILLINGTON 1 SE																												
NORTHERN CENTRAL 06																												
ABERDEEN PHILLIPS FLD																												
BENSON POLICE BARRACKS																												
BOYDS 2 NW																												
CATOCTIN MOUNTAIN PARK																												
CLARKSVILLE 3 NNE																												
CONOWINGO DAM																												
DAMASCUS 2 SW																												
EMMITSBURG 2 SE																												
FREDRICK POLICE BRKS																												
FREDERICK 3 E																												
PARKTON 2 SW //																												
POTOMAC FILTER PLANT																												
ROCKVILLE 1 NE																												
UNIONVILLE																												
WESTMINSTER POLICE BRK																												
WOODSTOCK																												

SEE REFERENCE NOTES FOLLOWING STATION INDEX

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

MARYLAND AND
DELAWARE
JULY 1985

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			
APPALACHIAN MOUNTAIN 07																													
CUMBERLAND 2									3.0	4			2.0	3	15.0	19	10.5	16	1.0	1	2.0	1					33.5	44	31.34
EDGEMONT									1.0	-			7.3	-	5.7	17					1.0	0					15.0	17	39.33
FROSTBURG 2									6.2	7			53.0	26	26.3	24			3.0	2	5.7	2					108.4	72	47.05
HAGERSTOWN					T	0			1.7	-			10.9	9	4.7	11			.0	0	1.1	0					18.4	20	34.92
HANCOCK FRUIT LAB									1.0	1			7.0	10	7.0	15					1.0	0					17.0	26	33.75
ALLEGHENY PLATEAU 08																													
MC HENRY 2 NW									14.5	14			8.0	6	50.5	27	23.0	26	.5	0	13.5	6					110.0	79	53.54
MERRILL									4.0	-			3.0	-	38.7	25	14.1	23	2.1	1	2.0	1					63.9	50	38.18
OAKLAND 1 SE									10.0	10			6.5	5	50.0	-	34.0	-	3.0	-	7.0	1					110.5	16	48.37
SAVAGE RIVER DAM									2.0	7			1.0	6	17.0	24	6.0	26	1.0	1	1.0	1					28.0	65	41.67
DELAWARE																													
NORTHERN NEWARK UNIVERSITY FARM 01																													
WILMINGTON WSO AP																													
WILMGTN PORTER RESVR																													
SOUTHERN BRIDGEVILLE 1 NW 02																													
DOVER																													
GEORGETOWN 5 SW																													
LEWES																													
MILFORD 4 SE																													

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES (°F)

MARYLAND AND
DELAWARE
JULY 1985

STATION		DAY OF MONTH																														AVERAGE	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30		31
MARYLAND																																	
SOUTHERN EASTERN SHORE 01																																	
ASSATEAGUE ISLAND NATL SE	MAX	76	70	75	86	88	79	83	89	88	86	91	85	85	86	86	83	83	77	75	81	90	86	92	76	82	85	87	81	79	75	78	
	MIN	62	62	65	70	69	71	70	65	62	72	67	66	67	60	72	70	69	65	72	69	75	75	71	69	72	69	72	66	70	66	70	
PRINCESS ANNE	MAX	75	80	84	85	86	85	86	88	88	90	87	89	91	92	92	93	85	86	89	92	93	92	91	84	91	88	87	84	85	87	88	
	MIN	60	59	63	64	67	74	72	55	64	67	69	65	61	69	73	75	70	58	53	64	68	75	69	49	66	70	70	58	56	56	68	
SALISBURY	MAX	78	79	83	86	85	84	87	87	86	89	87	85	90	91	90	89	85	85	88	91	91	91	89	83	89	87	85	83	81	87	86	
	MIN	63	62	66	70	72	74	72	63	66	69	70	66	68	72	74	72	73	62	60	69	75	76	69	56	71	70	71	63	68	65	70	
SALISBURY FAA AP	MAX	74	78	83	86	84	82	87	86	88	92	89	86	91	93	93	91	83	85	89	94	93	92	83	83	90	87	80	83	75	86	86	
	MIN	62	60	64	68	71	73	64	60	68	72	68	65	68	73	78	73	65	63	59	69	74	78	59	55	70	75	65	63	68	64	72	
SNOW HILL 4 N	MAX	75	80	84	88	87	84	86	87	88	91	87	86	90	91	90	92	81	83	87	90	92	91	89	80	88	87	86	82	81	88	86	
	MIN	64	61	62	68	68	73	71	57	67	68	67	59	63	68	72	69	69	58	55	65	68	73	69	50	67	71	69	61	66	63	69	
CENTRAL EASTERN SHORE 02																																	
CAMBRIDGE WTR TRMT PL	MAX	82	81	89	89	90	94	90	92	93	90	86	86	90	92	92	91	88	87	91	91	92	94	87	85	90	89	89	84	86	88	88	
	MIN	63	59	64	65	65	68	68	67	66	69	68	65	67	70	74	72	69	65	59	70	72	69	66	54	68	70	68	60	65	62	71	
DENTON 2 E	MAX																																
	MIN																																
ROYAL OAK 2 SSW	MAX	78	79	84	87	86	85	87	88	87	85	86	84	89	90	90	89	88	85	87	91	90	87	85	84	89	86	81	87	83	87	89	
	MIN	60	61	67	66	71	71	72	63	69	68	70	67	66	70	77	72	69	64	61	74	73	78	66	55	69	73	69	62	66	63	75	
VIENNA	MAX	74	79	87	85	85	87	90	91	89	90	91	86	95	93	92	90	88	86	88	94	94	92	90	82	90	88	89	87	87	89	89	
	OBS																																
	MIN	64	58	65	67	71	73	69	60	60	60	68	65	69	71	78	70	69	62	57	69	72	74	64	48	66	69	70	61	57	60	69	
LOWER SOUTHERN 03																																	
LA PLATA 1 W	MAX	77	77	82	84	85	84	84	89	88	83	85	80	87	88	91	89	82	84	87	89	88	86	82	83	90	86	85	83	77	86	87	
	MIN	64	64	64	63	67	71	68	61	69	67	65	62	64	67	75	73	68	60	63	69	73	74	66	55	65	71	68	63	66	68	73	
MECHANICSVILLE 5 NE	MAX	81	80	86	88	87	83	87	89	88	88	86	81	88	91	94	88	83	86	89	93	91	88	80	83	86	86	83	84	77	88	88	
	MIN	65	61	63	63	69	69	68	59	69	67	66	64	63	67	74	71	70	57	59	67	72	74	63	52	64	71	68	62	65	63	72	
OWINGS FERRY LANDING	MAX	82	80	85	87	86	87	86	90	90	88	87	86	88	90	93	92	88	91	87	92	92	90	84	85	90	84	84	90	79	88	88	
	MIN	60	61	64	64	68	69	69	60	70	67	67	65	63	67	75	69	64	59	59	67	70	72	59	53	64	66	67	60	62	62	72	
PATUXENT RIVER	MAX	76	78	87	88	88	85	91	94	92	91	85	84	88	95	93	89	84	88	88	95	92	91	80	84	89	90	79	87	80	90	87	
	MIN	63	62	66	69	72	72	69	66	73	69	70	70	68	69	76	74	70	66	63	74	78	76	68	60	71	76	66	65	66	66	74	
UPPER SOUTHERN 04																																	
ANNAPOLIS POLICE BRKS	MAX	82	79	85	86	87	86	88	94	92	88	88	86	89	93	92	90	87	87	88	94	94	92	90	85	89	89	89	85	86	90	88	
	MIN	55	66	64	66	71	71	70	63	68	69	69	69	64	70	72	73	70	66	65	72	73	72	66	60	73	72	68	65	70	68	67	
BALTIMORE WSO AP	MAX	75	80	85	88	89	86	88	94	90	83	87	83	89	93	95	91	85	87	91	92	92	88	80	83	89	88	84	84	82	91	89	
	MIN	64	64	60	64	68	69	68	61	69	69	67	67	62	66	73	71	64	60	62	68	69	69	61	55	62	73	66	62	64	64	72	
BELTSVILLE	MAX	82	73	81	84	88	89	85	86	91	90	82	88	85	89	92	93	89	85	87	92	92	91	88	83	84	90	87	85	84	82	91	
	MIN	60	63	59	62	68	70	65	59	68	67	65	64	61	64	71	69	64	56	59	66	68	73	63	51	63	69	67	59	62	62	71	
COLLEGE PARK	MAX	84	74	82	86	90	89	86	89	96	91	85	89	85	90	94	96	91	85	88	93	93	92	89	82	86	91	89	84	87	84	93	
	MIN	63	65	62	67	70	73	71	62	72	70	70	67	64	66	78	72	68	60	61	68	71	77	66	55	66	71	68	63	64	65	75	
DALECARLIA RESVR D C	MAX	87	80	85	88	89	88	87	94	92	91	90	89	90	93	94	90	89	88	92	91	92	91	88	85	89	89	89	87	85	92	90	
	MIN	64	65	67	64	73	68	66	61	69	69	67	70	63	75	75	75	68	59	64	67	78	75	67	55	59	63	66	64	65	67	72	
	OBS																																
GLENN DALE BELL STN	MAX	77	78	85	89	89	87	89	90	90	88	86	89	88	91	93	90	89	85	88	91	92	89	86	82	88	85	86	84	84	90	89	
	MIN	57	61	57	60	64	65	68	57	68	66	64	62	59	63	74	68	65	54	58	64	67	73	62	49	62	69	66	60	69	60	70	
LAUREL 3 W	MAX	74	80	84	89	87	85	88	91	90	83	83	82	88	93		92	85	93	95	91	90	96	82	85	88	86	85	87	82	91	88	
	MIN	67	64	72	67	71	69	71	66	69	71	68	65	63	68	71	75	66	74	66	70	72	72	66	61	61	71	65	65	67	66	72	
NATIONAL ARBORETUM D C	MAX	83	75	82	86	89	89	86	88	93	91	85	91	85	88	92	95	92	85	88	92	93	92	84	85	85	90	89	86	86	83	90	
	OBS																																
	MIN	61	61	60	64	66	68	70	60	67	67	67	67	61	64	71	71	71	57	62	68	70	76	65	53	60	63	69	61	64	65	65	
	OBS																																

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES (°F)

MARYLAND AND
DELAWARE
JULY 1985

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				
UPPER MARLBORO 3 NNW	MAX 57	81	76	80	86	88	87	85	88	93	89	87	90	82	88	92	94	91	85	87	92	95	93	90	82	83	89	88	83	85	82	90	87.1		
	MIN	57	60	60	61	65	68	66	58	67	66	65	63	60	64	70	69	66	56	58	64	69	73	63	51	62	68	70	60	61	62	67	63.5		
NORTHERN EASTERN SHORE 05																																			
CENTREVILLE	MAX 69	83	81	88	87	89	84	89	90	89	87	87	85	90	91	92	91	90	89	88	87	91	90	89	86	91	86	86	85	87	88	89	87.9		
	MIN	52	60	57	64	69	68	55	57	69	60	64	61	65	64	62	65	60	59	60	59	59	56	57	51	62	68	63	56	60	59	63	60.8		
CHESTERTOWN	MAX 65	79	82	85	89	89	85	86	89	89	85	87	85	92	91	92	90	84	89	89	91	92	89	81	86	90	84	84	86	83	90	92	87.3		
	MIN	65	62	65	65	71	71	71	61	68	65	69	65	64	71	76	72	70	63	61	71	72	75	63	57	67	72	67	62	64	65	74	67.1		
MILLINGTON 1 SE	MAX 58	78	81	85	90	86	83	86	87	88	86	87	83	89	89	91	89	85	86	86	91	89	89	82	84	88	85	87	85	81	88	87	86.2		
	MIN	58	59	63	61	67	69	69	57	65	65	67	61	62	68	74	71	65	62	57	73	69	74	63	52	63	71	67	58	61	62	70	64.6		
	OBS																																		
	OBS																																		
NORTHERN CENTRAL 06																																			
ABERDEEN PHILLIPS FLD	MAX 59	79	79	83	86	85	85	86	89	89	87	87	87	88	89	89	89	84	85	87	89	91	88	87	82	88	86	86	84	84	89	88	86.3		
	MIN	59	61	62	60	68	72	70	59	67	71	69	67	64	69	78	72	67	61	61	69	69	73	65	56	70	75	68	62	64	66	75	66.7		
BALTIMORE WSO CI	MAX 65	75	81	88	92	91	87	90	95	94	86	92	84	91	95	95	94	86	90	94	95	95	93	82	85	89	89	87	88	84	92	91	89.4		
	MIN	65	67	66	71	74	73	72	70	74	71	73	71	69	72	76	76	70	69	72	74	76	72	67	64	74	74	69	67	70	69	77	71.1		
BENSON POLICE BARRACKS	MAX 58	80	80	84	86	86	86	85	90	89	89	86	87	87	92	90	89	87	88	88	90	89	88	84	88	88	87	86	85	89	86	87	87.1		
	MIN	58	60	59	61	65	67	66	59	65	64	65	62	61	67	72	68	62	59	59	67	66	68	59	54	64	69	64	59	59	62	70	63.2		
	OBS																																		
BOYDS 2 NW	MAX 51	78	78	81	85	86	84	84	89	88	88	85	84	87	90	90	86	81	84	87	87	86	85	84	82	85	85	85	84	82	90	88	85.1		
	MIN	51	62	59	62	63	60	65	61	65	66	65	65	61	65	70	67	63	61	62	64	65	70	59	54	65	68	66	61	64	65	73	63.5		
	OBS																																		
CATOCTIN MOUNTAIN PARK	MAX 59	74	71	77	78	81	79	77	82	82	82	79	76	81	82	83	84	80	79	83	82	79	80	80	77	79	78	75	77	78	84	82	79.4		
	MIN	59	60	58	62	60	65	62	62	62	65	62	62	64	65	62	68	58	61	60	62	68	67	53	56	63	66	63	60	63	66	70	62.4		
CLARKSVILLE 3 NNE	MAX 57	78	79	84	88	89	87	86	92	92	88	87	85	89	92	93	90	89	86	90	90	89	89	86	82	87	86	86	84	83	92	91	87.4		
	MIN	57	63	56	59	63	65	64	56	68	64	63	62	60	63	73	68	63	54	56	61	61	71	54	48	60	70	67	56	58	60	69	61.7		
CONOWINGO DAM	MAX 58	77	81	85	87	86	82	87	87	88	82	88	83	87	90	90	91	86	88	89	90	91	90	81	81	85	86	86	86	82	83	89	85	86.0	
	MIN	58	61	61	63	66	58	65	60	67	67	65	64	64	67	71	69	66	59	61	66	66	70	60	55	66	71	67	62	63	65	71	64.3		
DAMASCUS 2 SW	MAX 59	72	80	81	85	88	83	84	88	86	82	85	81	87	90	90	87	81	83	88	87	87	85	77	82	85	85	82	83	83	89	86	84.3		
	MIN	59	61	58	62	63	66	65	60	63	66	65	65	61	65	69	67	60	57	63	66	66	70	56	54	64	69	65	60	62	66	71	63.4		
EMMITSBURG 2 SE	MAX 58	74	79	82	84	87	86	84	89	88	89	87	86	87	90	90	91	88	84	85	89	86	87	78	83	87	85	84	83	82	88	88	85.5		
	MIN	58	61	53	60	58	63	64	55	68	61	65	61	60	61	67	68	58	54	54	60	64	70	54	45	57	65	63	58	59	63	68	60.5		
FREDRICK POLICE BRKS	MAX 63	78	78	84	87	89	88	86	92	91	90	87	87	88	91	93	92	90	87	90	88	88	89	88	83	87	85	83	84	85	92	94	87.5		
	MIN	63	64	60	66	66	68	65	63	67	67	70	65	62	66	65	69	65	59	65	70	71	74	63	55	65	69	67	62	64	67	74	65.7		
PARKTON 2 SW	MAX 56	70	77	83	84	86	82	82	86	86	79	83	78	86	88	90	88	80	83	86	88	88	86	76	79	84	85	81	83	82	90	85	83.4		
	MIN	56	60	56	59	62	65	60	54	66	68	63	60	66	63	68	67	57	55	58	63	64	66	53	50	61	70	61	58	58	60	70	61.2		
ROCKVILLE 1 NE	MAX 60	70	77	81	84	86	82	84	89	87	80	85	82	86	90	88	86	80	85	88	86	87	85	78	80	82	86	83	82	81	89	86	83.7		
	MIN	60	60	59	65	66	68	66	63	68	68	65	64	60	67	69	68	61	62	58	59	68	67	58	52	62	69	64	59	60	66	74	64.0		
TOWSON	MAX 58	79	79	84	87	89	87	88	85	91	86	86	85	89	92	93	91	90	90	93	90	91	90	89	83	89	87	86	86	83	88	86	87.5		
	MIN	58	62	70	63	67	80	68	64	64	65	65	63	62	70	75	74	66	68	73	73	74	75	59	55	58	62	*	*	*	*	*	66.6		
	OBS																																		
	OBS																																		
UNIONVILLE	MAX 58	75	78	83	87	89	88	88	90	91	84	85	85	89	90	92	88	84	85	88	88	88	86	96	92	88	85	86	85	85	90	87	86.9		
	MIN	58	60	54	60	62	60	61	53	60	61	62	62	58	59	56	67	64	54	56	64	65	60	55	46	46	57	59	62	55	54	62	63	59.0	
	OBS																																		
WESTMINSTER POLICE BRK	MAX 60	75	79	83	87	88	88	86	88	93	91	84	86	90	91	91	89	87	85	87	89	86	87	87	82	86	85	85	85	85	92	91	86.7		
	MIN	60	61	60	65	63	66	64	60	66	68	66	64	61	65	69	69	61	59	65	69	70	71	57	55	64	69	65	61	61	64	71	64.2		
WOODSTOCK	MAX 60	76	79	82	87	88	85	86	89	89	87	88	87	87	90	92	89	89	87	89	89	89	89	88	84	86	85	85	85	83	90	90	86.7		
	MIN	60	62	57	61	64	67	66	57	68	68	65	64	61	65	72	68	64	57	59	65	65	71	60	52	62	70	67	59	60	62	71	63.5		

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES (°F)

MARYLAND AND
DELAWARE
JULY 1985

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	MAX	78	76	84	86	87	82	83	89	89	87	87	85	90	87	88	87	82	84	91	86	84	89	84	85	84	89	85	85	87	90	89	85.8	
	MIN	60	60	62	61	62	60	60	63	63	65	67	61	65	66	67	57	55	55	58	64	65	55	53	53	65	63	55	59	63	66	64	61.0	
FROSTBURG 2	MAX	79	70	73	76	80	79	74	75	81	82	77	80	82	84	83	82	78	73	77	82	76	78	79	71	79	75	79	75	79	81	84	78.2	
	MIN	50	55	51	58	46	55	58	56	43	51	55	57	49	60	55	62	56	49	43	48	58	59	50	38	45	53	58	53	50	46	58	52.4	
HAGERSTOWN	MAX	79	79	85	85	88	85	86	91	90	84	87	86	87	89	89	90	84	85	89	88	87	88	85	84	85	86	85	85	85	91	89	86.3	
	MIN	63	63	58	63	61	66	63	62	64	65	65	65	60	65	68	69	60	57	61	64	68	68	56	54	60	68	65	58	65	68	73	63.4	
HANCOCK FRUIT LAB	MAX	81	78	83	83	86	81	83	89	87	87	85	83	86	86	87	84	82	83	87	85	84	85	85	84	82	86	84	82	85	90	89	84.6	
	MIN	63	61	58	60	57	61	60	56	64	61	62	64	61	64	68	66	54	52	55	60	64	61	51	47	58	69	62	52	58	62	69	60.0	
ALLEGHENY PLATEAU 08	MAX	80	68	76	74	76	82	72	74	77	80	71	73	79	85	84	84	76	75	77	81	77	78	78	75	77	74	75	74	78	81	83	77.2	
	MIN	58	55	56	55	55	57	58	58	56	57	58	59	60	59	63	63	50	52	56	61	62	62	47	48	56	62	57	53	55	60	64	57.2	
OAKLAND 1 SE	MAX	75	70	73	76	81	72	74	79	81	80	77	79	81	83	82	79	74	78	81	80	78	77	78	77	77	79	75	77	82	84	84	78.2	
	MIN	58	57	61	56	50	58	60	61	58	59	61	59	57	59	65	67	47	49	49	59	59	65	46	50	60	66	53	46	56	59	64	57.2	
SAVAGE RIVER DAM	MAX	79	70	72	76	75	78	76	70	81	84	77	80	81	84	85	85	79	80	80	78	78	82	79	76	80	78	82	72	79	91	91	79.3	
	MIN	53	57	58	58	55	56	59	60	59	59	61	61	59	59	61	66	51	50	52	57	59	62	50	50	51	61	60	49	51	58	63	56.9	
DELAWARE NORTHERN 01	MAX	75	82	86	87	86	83	87	88	86	86	84	85	87	89	90	90	86	85	87	92	94	85	85	81	88	84	85	84	85	87	88	86.0	
	MIN	58	57	61	62	67	67	63	56	62	64	65	61	62	65	73	69	64	60	61	70	73	57	61	50	64	63	69	58	60	61	68	62.9	
NEWARK UNIVERSITY FARM	MAX																																	M
	MIN																																	M
WILMINGTON WSO AP	MAX	79	79	86	87	85	86	87	85	89	85	88	83	88	91	92	89	86	88	89	92	92	89	80	81	90	88	87	87	81	89	85	86.5	
	MIN	57	61	67	64	72	69	67	61	67	67	67	65	65	73	72	72	67	62	63	70	70	72	62	56	70	74	68	62	64	67	73	66.6	
WILMINGTON PORTER RESVR	MAX	77	78	85	85	84	83	82	80	88	87	85	83	89	89	91	88	87	86	87	90	90	87	77	81	90	86	85	85	81	88	85	85.1	
	MIN	59	63	67	62	66	69	68	60	61	60	58	60	63	70	69	69	65	63	66	70	72	70	64	57	67	71	66	63	64	66	71	65.1	
SOUTHERN BRIDGEVILLE 1 NW 02	MAX	76	82	86	91	88	86	87	92	89	87	88	86	92	94	94	90	85	88	89	92	94	91	89	85	92	87	85	85	81	88	90	88.0	
	MIN	59	57	63	63	68	72	69	59	65	68	67	62	64	69	71	69	68	59	55	68	70	74	64	52	65	68	68	58	60	60	66	64.5	
DOVER	MAX	76	78	86	90	87	87	88	90	90	88	88	87	89	93	93	92	85	85	87	92	94	90	89	78	86	86	87	85	79	90	91	87.3	
	MIN	62	60	66	66	69	68	70	60	65	65	70	65	65	70	75	72	68	67	61	70	73	75	65	58	69	69	67	62	65	64	70	66.8	
GEORGETOWN 5 SW	MAX	83	73	82	85	90	87	86	89	91	86	89	86	85	91	91	93	88	84	87	88	93	93	91	83	83	92	88	78	84	76	88	86.5	
	MIN	61	59	63	65	68	67	70	70	74	70	66	63	62	70	74	71	71	58	70	68	69	77	66	50	66	79	71	58	62	69	68	66.9	
LEWES	MAX	72	80	87	87	88	88	89	91	91	89	85	86	89	93	93	90	79	85	87	94	91	90	87	82	89	87	88	84	82	89	88	87.1	
	MIN	62	62	64	64	71	72	72	63	64	68	66	65	66	73	75	73	71	64	59	70	73	77	70	56	68	70	70	60	58	62	70	67.0	
MILFORD 4 SE	MAX	73	82	85	87	88	87	88	91	88	88	86	85	90	93	93	90	83	83	87	93	93	91	91	80	90	86	85	81	79	88	88	86.8	
	MIN	61	60	65	66	69	73	71	61	64	66	69	64	67	71	74	72	71	61	59	70	71	70	67	53	72	71	70	60	63	62	68	66.5	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

MONTHLY AND SEASONAL HEATING DEGREE DAYS

MARYLAND AND
DELAWARE
JULY 1985

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	27	35	456	503	1013	716	528				M 3278	
PRINCESS ANNE	0	0	99	103	529	560	1053	735	526		67	12	M 3684	4298
SALISBURY	0	0	73	82	520	551	1052	736	501	204	58		B 3779	4016
SALISBURY FAA AP	0	0	75	92	557	572	1097	771	547	239	79	10	M 4039	4411
SNOW HILL 4 N	0	0	83	94	526	541	1034	737	528	227	63	11	M 3844	4239
CENTRAL EASTERN SHORE 02														
CAMBRIDGE WTR TRMT PL	0	0	66B	85	510	544	1047	737	479	191	49	1	BB 3709	4331
DENTON 2 E	0	0	96	119	572	617	1099	782	570	272	68	9	M 4204	4446
ROYAL OAK 2 SSW	0	0	70	67	518	579	1029	761	511	208	50	1	BB 3794	4192
VIENNA	0	0	56	58	527	537	1008B	725	461	185	47	8	BB 3612	4140
LOWER SOUTHERN 03														
LA PLATA 1 W	2		97B	104	566	590	1058	733	521	198	63	7	M 3939	4384
MECHANICSVILLE 5 NE				105	581	591	1062	746	522	216	65	7	M 3895	
OWINGS FERRY LANDING					556	578	1059	747	523	212	54	4	M 3733	4384
PATUXENT RIVER	0	0	43	67	536	570	1031	750	518	202	57	3	M 3777	
UPPER SOUTHERN 04														
ANNAPOLIS POLICE BRKS	0	0	50	58	548	566	1023	739	506	199	38	0	M 3727	
BALTIMORE WSO AP	0	1	96	123	625	643	1101	731	589	252	79	10	M 4250	4706
BELTSVILLE	0	1	111	132	625	662	1134	817	633	281	99	14	M 4509	5053
COLLEGE PARK	0	0	85	90	571	624	1090B	761	573	239	77	4	B 4114	4455
DALECARLIA RESVR D C	0	0	69B	102	620	620	1081	776	553	188	48	1	M 3438	4425
GLENN DALE BELL STN	4	1	120B	146	592	598	1085	763	555	232	75	14	B 4185	4649
LAUREL 3 W	0	0	73	108	577	631	1085	842B	544	207	50	7	M 3039	4489
NATIONAL ARBORETUM D C	0	0	99	125B	628	641	1099	804	593	251	76	5	B 4321	4267
UPPER MARLBORO 3 NNW	2	1	116	123	632	664	1126	816	611	269	98	14	M 4472	
NORTHERN EASTERN SHORE 05														
CENTREVILLE		0	59	92	523	617	1031	759	533	212	42	3	M 3871	
CHESTERTOWN	0	0	78	103	592	637	1090	788	573	248	64	8	M 4181	4600
MILLINGTON 1 SE												12	M	4837
NORTHERN CENTRAL 06														
ABERDEEN PHILLIPS FLD	0	0B					1074B	731	551	236	47	3	M 2642	
BALTIMORE WSO CI	0	0	69	78	555	594	1026	688	457	159	35	1	M 3662	4083
BENSON POLICE BARRACKS	0	0	90	134	649	714	1172	862	643	298	75	6	M 4643	4998
BOYDS 2 NW	0	1	97	110	607	621	1106	794	580	242	68	13	M 4239	
CATOCTIN MOUNTAIN PARK	6	8	136	202	725	731	1268	936	700	315	127	43	M 5197	
CLARKSVILLE 3 NNE	0	2	114	135	649	643	1102	818	635	280	73	14	M 4465	
CONOWINGO DAM	0	0	94	129	641	730	1102	871	676	328	86	15	M 3570	5206
DAMASCUS 2 SW	3	1	113	145	640	658	1151	837	620	270	98	24	M 4560	
EMMITSBURG 2 SE	2	4	145	174	714	710B	1166	890	636	310	97	16	B 4864	
FREDRICK POLICE BRKS	0	0	95	99	596	589	1089	783	555	232	53	2	M 4093	
PARKTON 2 SW	7	7	166	208	681	717	1218	913B	681	343	142	40	B 5123	
ROCKVILLE 1 NE	0	0	101	111	682	625	1172	813	579	236	106	31	M 4456	4663
TOWSON	0	0	82B		602	664							M	
UNIONVILLE	0	5	149	179	695	683	1152	863	647	319	108	19	M 4819	5415
WESTMINSTER POLICE BRK	0	3	108	126	619	634	1126	848	639	270	68	10	M 4451	5250
WOODSTOCK	0	1	104	128	625	639	1128	804	605	255	70	12	M 4371	5027
APPALACHIAN MOUNTAIN 07														
CUMBERLAND 2	1	0	130	148	701	683	1168	889	635	263	81	19	M 4718	5106
FROSTBURG 2	51	30	251	301	870	837	1455	1080	857	443B	227	119	B 6521	
HAGERSTOWN	2	0	110	149	642	667	1144	841	606	253	68	12	M 4494	5086
HANCOCK FRUIT LAB	5	3	137	147	681	662	1096	888	634	290	100	33	M 4676	5573

SEE REFERENCE NOTES FOLLOWING STATION INDEX

MONTHLY AND SEASONAL HEATING DEGREE DAYS

MARYLAND AND
DELAWARE
JULY 1985

STATION	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	TOTAL	SEASONAL NORM
ALLEGHENY PLATEAU 08														
MC HENRY 2 NW	39	16	196	255	845	833	1446	1088	838	460	214	106	6336	
OAKLAND 1 SE	34	17	233	229	837	777	1364	1072	730	422	205	107	6027	6599
SAVAGE RIVER DAM	13	14	195	254	831	788	1334	1049	755	404	176	80	5893	6335
DELAWARE														
NORTHERN 01														
MIDDLETOWN 1 WSW	0	0	97	140	566	669		767		270	65	14	M 2588	
NEWARK UNIVERSITY FARM	0	0	92	125	596	635	1110	795	594		63	6	M 4016	4906
WILMINGTON WSO AP	0	2	113	149	641	701	1154	766	550	248	73	7	4404	4986
WILMGTON PORTER RESVR	0	2	95	134	588	691	1142	831	605	332	100	13	4533	5127
SOUTHERN 02														
BRIDGEVILLE 1 NW	0	0	90	89	570	592	1101	770	546	252	67	5	4082	4480
DOVER	0	0	68	91	519	581	1079	742	523		53	1	M 3657	4356
GEORGETOWN 5 SW	1	0	87	129	584	614	1127	807	600	304	100	10	4363	4571
LEWES	12B	0B	45	97	472	539	1039	756	522B	234	54	2	B 3772	4505
MILFORD 4 SE				101	538	590	1075	781	543	266	65	2	M 3961	4457

SEE REFERENCE NOTES FOLLOWING STATION INDEX

EVAPORATION AND WIND

MARYLAND AND
DELAWARE
JULY 1985

STATION	DAY OF MONTH																															TOTAL OR AVG		
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31			
MARYLAND																																		
UPPER SOUTHERN 04																																		
BELTSVILLE	WIND	53	30	27	30	15	46	45	43	53	21	18	20	25	25	37	23	24	26	20	24	20	19	37	31	40	91	44	14	24	15	17	95.7	
	EVAP	22	8	19	32	12	39	8	35	27	24	24	27	19	24	26	21	22	28	27	17	37	20	26	31	33	29	15	22	24	12	18	7.28	
	MAX	88	77	85	90	96	94	89	92	91	95	85	96	88	96	98	99	95	97	94	97	97	97	92	92	92	90	89	93	93	87	97	92.3	
	MIN	64	63	66	67	72	71	70	65	67	69	70	71	67	68	72	74	67	65	66	68	68	69	63	60	63	68	73	68	68	68	70	67.7	
UPPER MARLBORO 3 NNW	WIND	32	16	11	11	8	31	24	27	19	9	5	20	10	6	21	15	19	31	14	19	14	8	15	19	12	43	23	4	6	3	7	50.2	
	EVAP	23	10	19	20	19	26	16	34	26	23	10	31	17	22	24	25	27	30	28	25	33	23	27	30	22	15	16	17	24	13	16	6.91	
	MAX	87	79	85	87	92	92	85	92	91	92	93	93	88	96	95	97	93	91	93	93	95	92	91	89	91	90	91	89	94	87	92	90.8	
	MIN	67	65	69	70	70	73	72	67	67	72	72	72	70	70	73	78	70	68	68	75	75	77	68	64	64	72	75	71	70	71	67	70.4	
ALLEGHENY PLATEAU 08																																		
SAVAGE RIVER DAM	WIND	45	31	18	33	15	18	19	45	40	20	9	11	21	18	12	17	37	19	15	16	13	13	22	13	24	24	19	16	13	14	5	63.5	
	EVAP	25	16	4	12	14	8	8	25	24	-	24	14	5	8	22	33	23	5	22	12	*	*	31	6	7	9	35	19	5	24	4.70B		
	MAX	88	75	71	81	82	80	76	85	89	79	75	93	84	91	87	89	89	91	91	89	78	80	82	90	87	75	84	92	91	87	93	84.6	
	MIN	59	61	61	61	68	62	62	61	62	61	63	65	64	64	66	68	68	56	57	62	66	66	60	60	59	65	65	58	58	63	66	62.2	
DELAWARE																																		
SOUTHERN 02																																		
GEORGETOWN 5 SW	WIND	-	65	58	68	57	103	42	108	57	48	49	37	38	45	97	110	62	63	43	65	51	78	80	61	45	134	56	31	44	12	48	2124B	
	EVAP	29	18	23	32	33	26	22	39	39	20	26	22	17	24	35	35	15	34	22	41	31	32	36	38	27	38	26	9	28	5	20	8.42	
	MAX	92	80	89	91	97	91	89	106	96	90	94	96	89	98	97	97	97	91	93	95	96	96	94	90	92	94	90	82	92	80	94	92.5	
	MIN	66	65	66	70	71	68	72	73	72	71	72	71	71	74	76	75	72	68	65	71	71	76	70	61	63	73	73	68	68	69	73	70.1	

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

SNOWFALL AND SNOW ON GROUND (INCHES)

MARYLAND AND
DELAWARE
JULY 1985

STATION	DAY OF MONTH																																	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31			
MARYLAND NORTHERN CENTRAL 06 DAMASCUS 2 SW DELAWARE	SNOWFALL SN ON GND																																	

SNOWFALL: INCLUDES SNOW AND ICE
 SNOW ON GROUND: INCLUDES SNOW, SLEET, ICE AND HAIL
 WATER EQUIVALENT: GIVEN FOR NWS STATIONS ONLY, WHEN SNOW DEPTH IS 2 INCHES OR MORE.
 SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

MARYLAND AND
DELAWARE
JULY 1985

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	00115006		HARFORD	39 28	76 10W	57	16	16		C	H	ROSS AVIATION INC
ANNAPOLIS POLICE BRKS	01993004		ANNE ARUNDEL	38 59	76 30W	25	17	17			H	ANNAPOLIS POLICE BRKS
ASSATEAGUE ISLAND NATL	03335001	SE	WORCESTER	38 14	75 8W	7	7	7			H	NATIONAL PARK SERVICE
BALTIMORE WSO AP	04468000	R	ANNE ARUNDEL	39 11	76 40W	196	MID	MID			H	NATL WEATHER SERVICE
BALTIMORE WSO CI #	04700006		BALTO CITY	39 17	76 37W	91	MID	MID			C	OCMI COMMANDING OFFICER
BELTSVILLE	07000004		PRN GEORGES	39 2	76 53W	120	8	8			C	U S DEPT OF AGRICULTURE
BENSON POLICE BARRACKS	07330006		HARFORD	39 30	76 23W	365	17	17			H	MARYLAND STATE POLICE
BOYDS 2 NW	10320006		MONTGOMERY	39 13	77 20W	580	18	18			H	HUNTER F STALEY
BRIGHTON DAM	11225006		MONTGOMERY	39 12	77 1W	330		MID			H	WASH SUB SANY COMM
CAMBRIDGE WTR TRMT PL	13885002		DORCHESTER	38 34	76 4W	5	16	16			H	WASTEWATER TRMT PLANT
CATOCTIN MOUNTAIN PARK	15300006		FREDERICK	39 39	77 29W	1610	17	17			C	CATOCTIN MOUNTAIN PARK
CENTREVILLE	16270005		QUEEN ANNES	39 3	76 4W	60	17	17			H	MICHAEL B CATE
CHESTERTOWN	17550005		KENT	39 13	76 4W	40	23	23			H	THOMAS W ELIASON JR
CLARKSVILLE 3 NNE	18662000		HOWARD	39 15	76 56W	365	17	17			H	UNIVERSITY OF MARYLAND
COLLEGE PARK	19995004		PRN GEORGES	38 59	76 57W	90	9	9			C	UNIVERSITY OF MARYLAND
CONOWINGO DAM	20600006		HARFORD	39 39	76 10W	40	MID	MID			H	SUSQUEHANNA ELECTRIC CO
CUMBERLAND 2	22820007		ALLEGANY	39 38	78 45W	730	18	7			H	TIMOTHY B THOMAS
DALECARLIA RESVR D C	23225004		MONTGOMERY	38 56	77 7W	146	17	17			H	U S CORPS OF ENGINEERS
DAMASCUS 2 SW	23330006		MONTGOMERY	39 16	77 14W	720	19	19			H	RICHARD W SCHWERDT
DENTON 2 E	25220002		CAROLINE	38 53	75 48W	90	17	17			H	ARTHUR REINHOLD
EDGEMONT	27700007		WASHINGTON	39 40	77 33W	905	5	7			H	JOHN W HARNE
EMMITTSBURG 2 SE	29008006		FREDERICK	39 41	77 18W	416	17	17			H	MRS LUCILLE K BEALE
FREDERICK POLICE BRKS	33448006		FREDERICK	39 25	77 26W	380	17	17			H	MARYLAND STATE POLICE
FREDERICK 3 E	33550006		FREDERICK	39 24	77 22W	385	7	7			H	MISS I MARY STALEY
FROSTBURG 2	34150007		ALLEGANY	39 40	78 56W	2170	7	7			H	LEE K CLOSE
GLENN DALE BELL STN	36750004		PRN GEORGES	38 58	76 48W	150	16	16			H	USDA PLT INTRODUCT STN
HAGERSTOWN	39750007		WASHINGTON	39 39	77 44W	660	18	18			H	HAGERSTOWN RESERVOIR
HANCOCK FRUIT LAB	40300007		WASHINGTON	39 42	78 11W	428	16	16			C	SHARPSBURG RESEARCH C
LA PLATA 1 W	50800003		CHARLES	38 32	77 0W	140	18	18			H	C RUSSELL LEVERING
LAUREL 3 W	51110004		PRN GEORGES	39 6	76 54W	400	MID	MID			C	WASH SUB SANY COMM
MC HENRY 2 NW	58320008		GARRETT	39 35	79 22W	2680	8	8			C	JOSEPH F JOHENNING
MECHANICSVILLE 5 NE	58665003		ST MARYS	38 26	76 43W	100	19	19			H	SANDRA J HASTING
MERRILL	58944008		GARRETT	39 36	79 5W	1790	9	9			H	DELWOOD E MERRILL
MILLINGTON 1 SE	59850005		KENT	39 16	75 52W	30	18	18			H	HOWARD L HARVEY
NATIONAL ARBORETUM D C	63500004		KENT	38 54	76 59W	50	8	8			H	U S NATL ARBORETUM
OAKLAND 1 SE	66200008		GARRETT	39 24	79 24W	2420	17	17			H	BEA J CROSCO
OWINGS FERRY LANDING	67700003		CALVERT	38 41	76 40W	160	17	17			H	JAMES C RASMUSSEN
PARKTON 2 SW	68440006		BALTIMORE	39 38	76 42W	600	23	23			C	JOHN R FOX
PATUXENT RIVER	69150003		ST MARY'S	38 20	76 25W	38	MID	MID			C	NAVAL WEATHER SERVICE
POTOMAC FILTER PLANT	72720006		MONTGOMERY	39 2	77 15W	270	8	8			H	POTOMAC WATER FILT PLT
PRINCESS ANNE	73300001		SOMERSET	38 13	75 41W	20	17	17			H	UNIVERSITY MARYLAND EAST
ROCKVILLE 1 NE	77050006		MONTGOMERY	39 6	77 6W	440	17	17			H	WASH GAS & LIGHT CO
ROYAL OAK 2 SSW	78060002		TALBOT	38 43	76 11W	10	18	18			H	JOHN L SWAINE JR
SALISBURY	80000001		WICOMICO	38 22	75 35W	10	17	17			H	CITY OF SALISBURY
SALISBURY FAA AP #	80050001		WICOMICO	38 20	75 31W	48	MID	MID			H	FAA
SAVAGE RIVER DAM	80650008		GARRETT	39 31	79 8W	1495	8	8			C	U S CORPS OF ENGINEERS
SNOW HILL 4 N	83800001		WORCESTER	38 14	75 23W	28	18	18			H	CURTIS E SHOCKLEY
TOWSON	88770006		BALTIMORE	39 23	76 34W	390	18	18			H	BENDIX FRIEZ
UNIONVILLE	90300006		FREDERICK	39 27	77 11W	430	18	18			C	CAROLINE R VON EIFF
UPPER MARLBORO 3 NNW	90700004		PRN GEORGES	38 52	76 47W	98	8	8			H	TOBACCO EXP FARM
VIENNA	91400002		DORCHESTER	38 29	75 50W	12	18	18			H	DELMARVA POWER & LIGHT
WESTMINSTER POLICE BRK	94400006		CARROLL	39 33	76 58W	765	17	17			H	MARYLAND STATE POLICE
WOODSTOCK	97500006		BALTIMORE	39 20	76 52W	460	18	18			H	JOHN A HILTZ

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

MARYLAND AND
DELAWARE
JULY 1985

STATION	INDEX NO.	DIVISION	COUNTY	LATITUDE	LONGITUDE	ELEVATION (IN FEET)	OBSERVATION TIME AND TABLES				OBSERVER
							LOCAL STD TIME				
							TEMP	PRECIP	EVAP	SPECIAL (SEE NOTES)	
DELAWARE											
BRIDGEVILLE 1 NW	1 3330	02	SUSSEX	38 45	75 37 W	50	17	17		H	WILLIAM M RAY
DOVER	2 7300	02	KENT	39 9	75 31 W	30	17	17		H	STATE DIV OF HIGHWAYS
GEORGETOWN 5 SW	3 5700	02	SUSSEX	38 38	75 27 W	45	8	8	8 C	H	UNIV OF DEL SUBSTATION
LEWES	5 3200	02	SUSSEX	38 46	75 8 W	15	17	17		H	BOARD OF PUBLIC WORKS
MIDDLETOWN 1 HSW	5 8520	01	NEW CASTLE	39 26	75 45 W	60	16	16		H	PIONEER HIBLOTT CORN CO
MILFORD 4 SE	5 9150	02	SUSSEX	38 54	75 28 W	30	17	17		H	DAVID S SCHLOTT
NEWARK UNIVERSITY FARM	6 4100	01	NEW CASTLE	39 40	75 44 W	90	17	17	17 C	H	UNIV OF DELAWARE
WILMINGTON WSO AP	9 5950	01	NEW CASTLE	39 40	75 36 W	79	MID	MID		H J	NATL WEATHER SERVICE
WILMINGTON PORTER RESVR	9 6050	01	NEW CASTLE	39 46	75 32 W	274	MID	MID		H	WATER DEPARTMENT

SEE REFERENCE NOTES FOLLOWING STATION INDEX

REFERENCE NOTES

MARYLAND AND
DELAWARE
JULY 1985

DEFINITIONS

MONTHLY DEGREE DAY TOTALS: One heating (cooling) degree day is accumulated for each whole degree that the daily mean temperature is BELOW (ABOVE) 65 degrees Fahrenheit.

TEMPERATURE: Original and edited temperature values are given in the Daily Temperature Table. Edited values are produced when an original value is missing or when surrounding stations indicate a suspect original value. When a line labeled OBS is present and contains either a daily temperature (suspect) or *** (missing), the temperature appearing directly above, on the line labeled MAX or MIN, is an edited value. Summary temperature information (averages, departures, extremes, monthly degree day totals) is based on the values labeled MAX/MIN.

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.

WIND: (As shown in "Evaporation and Wind" table) The total wind movement in miles over the evaporation pan as determined by an anemometer recorder located 6-8 inches above the pan.

NORMALS: The average value of the meteorological element over a time period. Effective 1 January 1983, the averaging period is 1951 to 1980. The normals for National Weather Service localities have been adjusted so as to be representative for the current observation site.

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

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.

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

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 will be carried in the July issue of this bulletin. Cooling degree days for the calendar year will be published in the "Climatological Data Annual Summary".

Information concerning the history of changes in locations, exposure, etc. of substations through 1955 is available in the "Substation History" publication. Subsequent historical information is kept on file at the National Climatic Data Center. Similar information for regular National Weather Service Offices may be obtained from the "Local Climatological Data" annual publication.

SUBSCRIPTION, PRICE AND ORDERING INFORMATION AVAILABLE FROM:
THE NATIONAL CLIMATIC DATA CENTER, FEDERAL BUILDING,
ASHEVILLE, N.C. 28801-2696

USCOMM-NOAA-ASHEVILLE, N.C. JULY 1985-0895

NOTE: Special Weather Summaries are provided by State Climatologist or other qualified agencies for inclusion in the published Climatological Data bulletin. These summaries are not included in the archived microfiche copies of the CD bulletin.

M A R Y L A N D & D E L A W A R E - J U L Y 1 9 8 5

SPECIAL WEATHER SUMMARY

W. Joseph Moyer
Office of the State Climatologist
Jull Hall, Room 1123A
University of Maryland
College Park, MD 20742

Temperatures and rainfall averaged near normal in both States. Extremely dry conditions prevailed in some areas, especially in southern Maryland, the eastern shore and southern Delaware; yet, some heavy monthly totals, over 6.5 inches, were recorded in northern and western areas, especially in Garrett County. Many stations in the north and west had more thunderstorm days than normal. The following is the number of days with thunderstorms at the area's National Weather Service offices with long-term averages in parenthesis: Baltimore 10(6) and Wilmington 11(6). Braddock Heights in western Frederick County recorded 14 and Hagerstown in Washington County recorded 10.

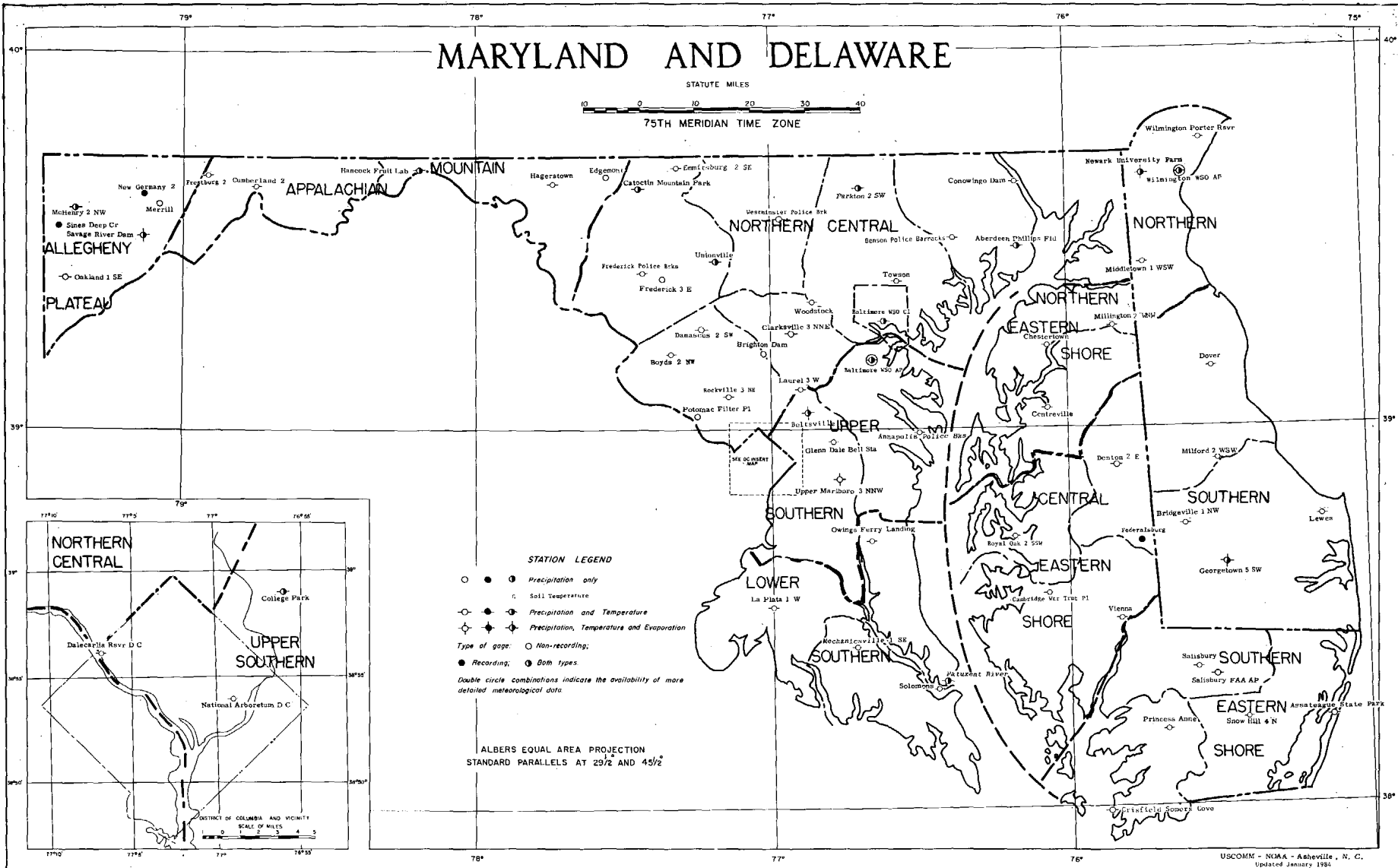
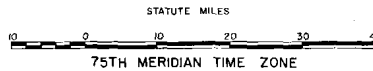
The State monthly temperature averaged 74.8° (normal, 75.3°) in Maryland and 76.6° (normal, 76.1°) in Delaware. These averages were warmer than those of 1984 when Maryland's average was 73.7° and Delaware's was 73.8°. Daily temperatures during the month showed no large departures from normal. Highest temperature reported by the stations occurred on several different days but the lowest occurred on the 24th for most stations east of Garrett County. The 38° at Frostburg was an unusually low July temperature for that station.

The State monthly rainfall averaged 4.32 inches (normal, 3.94 inches) in Maryland and 4.23 inches (normal, 4.18 inches) in Delaware. The wettest climatic division was the Allegheny Plateau (Garrett County) where the average of five stations was 8.40 inches; two stations had totals of 11.69 inches at Oakland and 10.84 inches at Eagle Rock. The driest division was lower southern Maryland where totals of 12 stations averaged 3.32 inches; two stations had totals, 1.45 inches at Tall Timbers and 1.98 inches at Scotland. Some large one-day totals were recorded: Oakland, 4.16 inches on the 9th followed by 2.21 inches on the 10th; Eagle Rock, 4.02 inches on the 9th and 2.03 inches on the 10th; Middletown, 3.90 inches on the 15th; Wilmington (Porter Reservoir), 3.83 inches on the 31st; Dover, 3.45 inches on the 31st; and Wilmington WSO, 3.02 inches on the 31st. In addition to Oakland's and Eagle Rock's heavy monthly totals, the following are some of the July's totals over 6.50 inches: In Maryland--Middletown, 11.89 inches; Braddock Heights, 9.02 inches; McHenry, 8.29 inches; Dawsonville, 7.99 inches; Benson State Police, 7.29 inches; Rockville (Montgomery College), 6.78 inches; Seneca, 6.66 inches; and Owings Ferry Landing, 6.55 inches. In Delaware--Dover, 8.44 inches; Wilmington (Porter Reservoir), 7.75 inches; and Wilmington WSO, 6.91 inches.

SEVERE WEATHER:

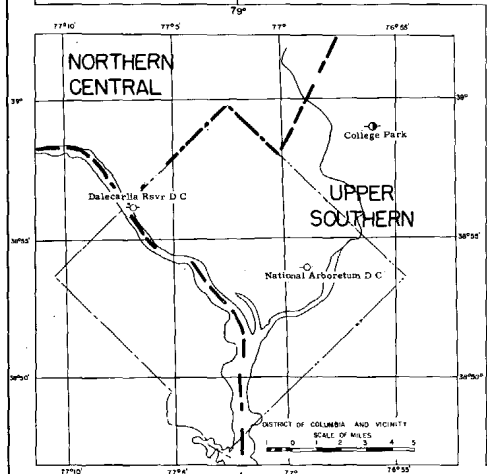
Flashfloods in Garrett County on the 9th and the 10th. Thunderstorms with damaging winds on the 10th, 15th, 25th, and 31st. Remnants of Hurricane Bob on the 25th brought some much needed rainfall along with scattered wind damage. One lightning death at Hagerstown on the 26th.

MARYLAND AND DELAWARE



- STATION LEGEND**
- ● ● Precipitation only
 - Soil Temperature
 - ● ● Precipitation and Temperature
 - ● ● Precipitation, Temperature and Evaporation
 - Type of gage: ○ Non-recording; ● Recording; ● Both types
 - Double circle combinations indicate the availability of more detailed meteorological data

ALBERS EQUAL AREA PROJECTION
STANDARD PARALLELS AT 29 1/2 AND 45 1/2



DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL ENVIRONMENTAL SATELLITE, DATA, AND INFORMATION SERVICE
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