

CLIMATOLOGICAL DATA

MARYLAND AND DELAWARE

JULY 1982

VOLUME 86 NUMBER 7



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28801

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noaa

NATIONAL OCEANIC AND
ATMOSPHERIC ADMINISTRATION

/ ENVIRONMENTAL DATA AND
INFORMATION SERVICE

/ NATIONAL CLIMATIC CENTER
ASHEVILLE, NORTH CAROLINA

TEMPERATURE AND PRECIPITATION EXTREMES

MARYLAND AND
DELAWARE
JULY 1982

MARYLAND
HIGHEST TEMPERATURE 100
LOWEST TEMPERATURE 40
GREATEST TOTAL PRECIPITATION 9.16
LEAST TOTAL PRECIPITATION .99
GREATEST 1 DAY PRECIPITATION 4.30

DELAWARE
HIGHEST TEMPERATURE 95
LOWEST TEMPERATURE 52
GREATEST TOTAL PRECIPITATION 5.77
LEAST TOTAL PRECIPITATION 2.46
GREATEST 1 DAY PRECIPITATION 2.90

JULY 27
JULY 2

JULY 14

JULY 26+
JULY 6

JULY 31

TOWSON
OAKLAND 1 SE
CRISFIELD SOMERS COVE
CONOWINGO DAM
CRISFIELD SOMERS COVE

6 STATIONS
4 STATIONS
GEORGETOWN 5 SW
WILMINGTON PORTER RESVR
GEORGETOWN 5 SW

*** NOTICE ***

- FOR THOSE STATES HAVING SEASONAL SNOWFALL TABLES -

Because of a change in data processing procedures in January 1982, data for July through December 1981 contains an inconsistency. A - (dash) in the total monthly snowfall column may indicate a Trace (T) amount. Consult the appropriate monthly Climatological Data publication for the correct data. When a Trace amount is the correct entry, and no other dashes appear for the entire season, ignore the M in the total seasonal snowfall amount.

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

MARYLAND AND
DELAWARE
JULY 1982

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 M	32 OR BELOW M	0 OR BELOW N					TOTAL	MAX DEPTH ON GROUND	DATE	1.0 OR MORE	.50 OR MORE	1.00 OR MORE	
MARYLAND																									
SOUTHERN EASTERN SHORE 01																									
ASSATEAGUE STATE PARK	83.0	68.4	75.7		91	26	52	1	0	3	3	0	0	0	7.36		2	29	30	.0	0		10	5	1
CRISFIELD SOMERS COVE	88.0	71.4	78.6	-.7	95	27	61	7+	0	4	3	0	0	0	9.16	4.96	2	29	14	.0	0		10	5	3
PRINCESS ANNE	87.0	65.0	76.0		94	27	49	7+	0	3	3	0	0	0	4.08		2	29	10	.0	0		10	5	1
SALISBURY	86.8	68.6	77.4	.1	94	18	57	6+	0	3	3	0	0	0	6.88	2.99	2	29	30	.0	0		10	5	3
SALISBURY FAA AP	86.8	68.3	77.6		94	19+	55	6	0	3	3	0	0	0	7.41		2	29	30	.0	0		10	5	3
SNOW HILL 4 N	86.1	65.7	75.9	-.4	92	19+	51	6	0	3	4	9	0	0	7.79	3.42	2	28	30	.0	0		10	5	3
--DIVISIONAL DATA-->			76.9	-.1											7.11	2.96				.0	0				
CENTRAL EASTERN SHORE 02																									
CAMBRIDGE WTR TRMT PL	88.7	68.3	78.5		95	27+	57	6	0	4	3	1	0	0	4.60	-.14	1	70	16	.0	0		6	4	1
DENTON 2 E	88.2	64.1	76.2	-.9	95	27+	50	6	0	3	3	1	0	0	3.74	-.96	2	88	23	.0	0		6	4	2
ROYAL OAK 2 SSW	85.9	69.5	77.7		93	27+	57	6	0	4	3	1	0	0	6.32		2	48	30	.0	0		6	4	2
VIENNA	89.9	67.6	78.8		96	4	55	6	0	4	3	5	1	7	4.91		1	40	14	.0	0		6	4	2
--DIVISIONAL DATA-->			77.8	.7											4.89	.25				.0	0				
LOWER SOUTHERN 03																									
LA PLATA 1 W	83.8	67.4	75.6	-.8	90	18	54	2	0	3	3	6	1	0	4.51	.03	2	23	10	.0	0		7	2	2
MECHANICSVILLE 1 SE	87.7	67.4	77.6	.9	95	26+	56	6	0	3	3	7	1	2	3.34	-.65	1	95	30	.0	0		5	2	1
OWINGS FERRY LANDING	87.5	71.0	79.3		96	26+	63	4+	0	4	3	9	1	2	4.01		1	55	19	.0	0		5	2	2
PATUXENT RIVER	86.1	69.1	77.6	-1.1	96	18	61	4	0	3	3	9	1	2	2.99	-2.27	1	86	20	.0	0		4	3	0
SOLOMONS																				.0	0				
--DIVISIONAL DATA-->			77.5	.6											3.71	-.87				.0	0				
UPPER SOUTHERN 04																									
ANNAPOLIS POLICE BRKS	87.5	69.3	78.4	1.7	96	26	60	2	0	4	2	2	1	3	3.44	-.44		97	10	.0	0		8	2	0
BALTIMORE WSO AP	87.7	67.0	77.1	.5	96	26+	56	6	0	3	3	8	1	1	2.16	-1.91		48	3	.0	0		5	3	0
BELTSVILLE	86.5	65.4	76.0		95	19+	53	2	0	3	3	6	1	2	2.61			72	20	.0	0		5	3	0
COLLEGE PARK	87.8	68.2	78.0	1.1	96	19	56	6	0	4	3	7	1	3	4.35	.31	2	08	15	.0	0		5	3	1
DALECARLIA RESVR D C																				.0	0				
GLENN DALE BELL STN	87.7	61.3	74.5	-1.3	96	18+	50	22+	0	3	3	0	0	1	2.73	-1.77		64	30	.0	0		7	2	0
LAUREL 3 W	86.4	68.4	77.4		96	17	58	2	0	3	3	9	0	1	3.71		1	38	19	.0	0		6	3	1
NATIONAL ARBORETUM D C	88.1	67.1	77.6		97	19	56	6	0	3	3	9	0	1	3.49		1	25	31	.0	0		6	3	1
UPPER MARLBORO 3 NNW	87.0	64.1	75.6		95	20+	52	2	0	3	3	4	1	1	5.91		1	65	31	.0	0		6	3	1
--DIVISIONAL DATA-->			76.8	.4											3.55	-.52				.0	0				
NORTHERN EASTERN SHORE 05																									
CENTREVILLE	88.4	65.8	77.1		93	26+	54	6	0	3	8	5	1	6	4.85		1	60	3	.0	0		6	3	2
CHESTERTOWN	86.7	67.2	77.0	-.3	94	18	55	6	0	3	7	8	1	0	3.62	-.59		86	30	.0	0		6	3	0
MILLINGTON 2 WNW																				.0	0				
--DIVISIONAL DATA-->			77.1	.1											4.24	.15				.0	0				
NORTHERN CENTRAL 06																									
ABERDEEN PHILLIPS FLD	87.5	66.5	77.0		94	27+	56	2	0	3	8	0	1	1	1.66			67	20	.0	0		3	1	0
BALTIMORE WSO CI	88.3	73.5	80.9	1.5	97	26+	63	4	0	3	8	0	2	1	1.29			57	3	.0	0		3	1	0
BENSON POLICE BARRACKS	87.6	65.4	76.5		94	19+	55	6+	0	3	6	0	1	4	2.39	-2.83		90	28	.0	0		3	1	0
BOYDS 2 NW	85.0	63.6	74.3		93	17	55	6+	0	3	6	4	1	3	3.03			83	29	.0	0		3	1	0
CATOCTIN MOUNTAIN PARK	80.5	64.0	72.3		92	20	54	1	1	2	3	3	1	0	3.11		1	70	28	.0	0		3	1	0

SEE REFERENCE NOTES FOLLOWING STATION INDEX

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

MARYLAND AND
DELAWARE
JULY 1982

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	TOTAL	SNOW, SLEET			NO. OF DAYS			
									MAX	MIN	90 OR ABOVE	32 OR BELOW					32 OR BELOW	0 OR BELOW	MAX. DEPTH ON GROUND	DATE	1.00 OR MORE	5.00 OR MORE	1.00 OR MORE
CLARKSVILLE 3 NNE	87.6	63.6	75.6		97.18	50.2	0	300	1	0	0	0	2.66		1.75	0	0		6	2	0		
CONOWINGO DAM	86.7	66.6	76.4	1.2	96.18	50.0	0	300	1	0	0	0	2.99	-3.34	1.75	0	0		6	2	0		
DAMASCUS 2 SW	84.2	64.7	74.5		92.19	52.6	0	300	1	0	0	0	4.97		1.75	0	0		3	1	0		
EMMITTSBURG 2 SE	87.0	63.0	75.0		95.26	51.1	0	300	1	0	0	0	1.32		1.75	0	0		3	1	0		
FREDRICK POLICE BRKS																							
PARKTON 2 SW	84.0	61.6	72.8		93.19	49.2	0	300	1	0	0	0	1.89		1.90	0	0		4	1	0		
ROCKVILLE 3 NE	87.4	66.6	73.0		94.27	49.3	0	300	1	0	0	0	2.66		1.90	0	0		7	2	0		
TOWSON	90.9	67.2	78.9		90.27	48.1	0	300	1	0	0	0	1.89	-2.11	1.90	0	0		3	1	0		
UNIONVILLE	85.9	62.4	74.0		93.18	48.2	0	300	1	0	0	0	5.42	1.19	1.90	0	0		3	1	0		
WESTMINSTER POLICE BRK	87.1	65.0	76.1		96.19	55.2	0	300	1	0	0	0	1.38		1.90	0	0		3	1	0		
WOODSTOCK	86.8	64.4	75.6	.8	94.18	52.2	0	300	1	0	0	0	3.99	-1.02	1.90	0	0		7	3	1		
--DIVISIONAL DATA-->			75.5	.3									2.61	-1.50		0	0						
APPALACHIAN MOUNTAIN 07																							
CUMBERLAND 2	87.1	61.9	74.5		95.17	50.1	0	300	1	0	0	0	5.42		1.95	0	0		7	4	2		
FROSTBURG 2	79.4	56.5	68.0		86.18	43.3	0	300	1	0	0	0	3.24		1.33	0	0		7	4	2		
HAGERSTOWN	87.0	64.5	75.8		94.26	53.2	0	300	1	0	0	0	1.92		1.95	0	0		4	2	0		
HANCOCK FRUIT LAB	85.9	60.5	73.2		94.18	48.1	0	300	1	0	0	0	2.30	-1.12	1.95	0	0		4	2	0		
--DIVISIONAL DATA-->			72.9	-1.9									3.22	-1.31		0	0						
ALLEGHENY PLATEAU 08																							
MC HENRY 2 NW	77.6	59.3	68.5		86.18	45.1	0	300	1	0	0	0	4.46		2.74	0	0		8	2	1		
OAKLAND 1 SE	80.8	57.6	69.2	1.8	87.18	40.2	0	300	1	0	0	0	7.00	2.22	2.48	0	0		7	2	1		
SAVAGE RIVER DAM	80.3	58.7	69.5		89.19	46.2	0	300	1	0	0	0	4.92		2.48	0	0		6	3	1		
--DIVISIONAL DATA-->			69.1	1.5									5.46	.94		0	0						
DELAWARE																							
NORTHERN 01																							
MIDDLETOWN 1 WSW	86.6	65.4	76.0		93.19	52.6	0	300	1	0	0	0	2.87		1.26	0	0		7	1	1		
NEWARK UNIVERSITY FARM	87.6	65.0	76.3		95.18	53.2	0	300	1	0	0	0	2.66	-2.00	1.00	0	0		5	2	1		
WILMINGTON WSO AP	86.9	67.7	77.3	1.5	95.19	56.2	0	300	1	0	0	0	2.70	-1.61	1.26	0	0		6	3	1		
WILMGTON PORTER RESVR	85.6	68.6	77.1	2.1	94.19	59.2	0	300	1	0	0	0	2.46	-2.20	1.43	0	0		4	1	1		
--DIVISIONAL DATA-->			76.7	1.0									2.67	-1.65		0	0						
SOUTHERN 02																							
BRIDGEVILLE 1 NW	87.3	66.4	76.9	.8	95.26	53.6	0	300	1	0	0	0	2.94	-2.09	1.45	0	0		7	1	1		
DOVER	87.4	67.6	77.5	.5	95.19	53.2	0	300	1	0	0	0	2.86	-1.13	1.45	0	0		5	2	1		
GEORGETOWN 5 SW	86.2	64.5	75.4		94.28	56.2	0	300	1	0	0	0	4.01		1.90	0	0		8	4	1		
LEWES	86.9	68.2	77.6		95.20	56.2	0	300	1	0	0	0	2.67		1.90	0	0		5	3	0		
MILFORD 2 WSW	88.8	66.4	77.6		95.26	52.6	0	300	1	0	0	0	2.67		1.90	0	0		5	3	0		
--DIVISIONAL DATA-->			77.0	.7									3.65	-1.92		0	0						

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION (INCHES)

MARYLAND AND
DELAWARE
JULY 1982

STATION		TOTAL	DAY OF MONTH														
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MARYLAND																	
SOUTHERN EASTERN SHORE 01																	
ASSATEAGUE STATE PARK		7.36			.90					.48	.75	.01				.20	.25
CRISFIELD SOMERS COVE		9.16				1.43									.25	4.30	.10
PRINCESS ANNE		4.08	.10			.51						2.03				.11	.07
SALISBURY		6.88				.91						.98	.19			.30	.22
SALISBURY FAA AP		7.41			.57					T		.56				.03	.05
SNOW HILL 4 N		7.79			.27	.59						.28				.23	.26
CENTRAL EASTERN SHORE 02																	
CAMBRIDGE WTR TRMT PL		4.60	.06			.75						.13				.04	.29
DENTON 2 E		3.74			.11	.22						.74				.07	.61
ROYAL OAK 2 SSW		6.32			.87	.04						.81				1.14	.03
VIENNA		4.91				.53						.18				1.40	.03
LOWER SOUTHERN 03																	
LA PLATA 1 W		4.51			.24						.10	2.23		T	.14	.04	.04
MECHANICSVILLE 1 SE		M												T			
OWINGS FERRY LANDING		3.34				.46					T			T			T
PATUXENT RIVER		4.01			.20	*				.02		T		.15	T	.14	T
SOLOMONS		2.99	T			*		.12			.06				.09		.09
UPPER SOUTHERN 04																	
ANNAPOLIS POLICE BRKS		3.44			.42	.20					.02	.97			.02	T	.08
BALTIMORE WSO AP		2.16			.48					.01		.47	T			.18	
BELTSVILLE		2.61	.07			.68					T	.02					.18
COLLEGE PARK		4.35	.04		T	.56					T		T				2.08
DALECARLIA RESVR D C		M															
GLENN DALE BELL STN		2.73			.55	.17									.03		.17
LAUREL 3 W		3.71			.96												
NATIONAL ARBORETUM D C		3.49				.72					.02		.10		.12		
UPPER MARLBORO 3 NNW		5.91	.14			.53					.59				.03	.10	
NORTHERN EASTERN SHORE 05																	
CENTREVILLE		4.85			1.60						.47		.30	.05			.05
CHESTERTOWN		3.62			.78												
MILLINGTON 2 WNW		M								.36		.07	.08	.11		T	T
NORTHERN CENTRAL 06																	
ABERDEEN PHILLIPS FLD		M 1.66			*	*	*	.33			.01						
BALTIMORE WSO CI		1.29			.57												
BENSON POLICE BARRACKS		2.39			.20	.29						.06					.08
BOYDS 2 NW		3.03				.28											
BRIGHTON DAM		3.48			.81											.16	
CATOCTIN MOUNTAIN PARK		3.11			.47	.01					.32				.05		
CLARKSVILLE 3 NNE		2.64			.39	.49											
CONOWINGO DAM		3.99			.37												
DAMASCUS 2 SW		4.57			1.27					.05							
EMMITTSBURG 2 SE		1.32		.03	.52	.07	T				.04		T		.25	T	T
FREDRICK POLICE BRKS		M													.01		
FREDRICK 3 E		3.97	.09			1.23								T			T
PARKTON 2 SW		1.89			.33												
POTOMAC FILTER PLANT		2.53			.25											.01	
ROCKVILLE 3 NE		2.66		.58	.34					.04		T		T		.07	
TOWSON		1.89			.57	.55				.03					.03	.01	
UNIONVILLE		5.40			1.13								T				
WESTMINSTER POLICE BRK		1.38			.45										.01		
WOODSTOCK		3.99			.62	.22											

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION (CONT)

MARYLAND AND
DELAWARE
JULY 1982

STATION	DAY OF MONTH															
	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
MARYLAND																
SOUTHERN EASTERN SHORE 01																
ASSATEAGUE STATE PARK					.21	.02		.98	.05					.75	2.29	.47
CRISFIELD SOMERS COVE					.32			.23						.20	.38	1.95
PRINCESS ANNE								.63	.22					.10		.31
SALISBURY	.20	.04			.07	.07		.04	.02				.72	1.18	1.45	.49
SALISBURY FAA AP	1.50			T	.02			.42					1.48		2.33	.45
SNOW HILL 4 N	.98				.02			1.14					.16		2.86	1.00
CENTRAL EASTERN SHORE 02																
CAMBRIDGE WTR TRMT PL	1.70				.04			.04					.80		.75	
DENTON 2 E	.02				.18			.88							.71	.20
ROYAL OAK 2 SSW				T	.09			.06					.70		2.48	.10
VIENNA					.10									.92	1.20	.55
LOWER SOUTHERN 03																
LA PLATA 1 W					.16			.40	.02						1.14	
MECHANICSVILLE 1 SE																
OWINGS FERRY LANDING					.68			.12							1.95	.13
PATUXENT RIVER				1.55	.02			.07					.26		1.53	.07
SOLOMONS					.86									.12	.82	.83
UPPER SOUTHERN 04																
ANNAPOLIS POLICE BRKS					.15			.48					.12		.60	.38
BALTIMORE WSO AP				.26	.13		.01	.10				.05	.13		.30	.04
BELTSVILLE					.73			.03	.02				.42		.01	.41
COLLEGE PARK					.05	.01		T	.09				.98	.04	.16	.38
DALECARLIA RESVR D C																
GLENN DALE BELL STN	.02				.46	T		.05	.06				.36		.64	.22
LAUREL 3 W				1.38	.12			.10				.17			.86	.12
NATIONAL ARBORETUM D C					.86	.02		.08					.32			1.25
UPPER MARLBORO 3 NNW	T				.95	.08			.96				.80		.08	1.65
NORTHERN EASTERN SHORE 05																
CENTREVILLE					.47						1.04				.87	
CHESTERTOWN	.28			.03	.53			.15				.06	.31		.86	T
MILLINGTON 2 WNW																
NORTHERN CENTRAL 06																
ABERDEEN PHILLIPS FLD					.67	.03		.29					.31		.02	
BALTIMORE WSO CI					.18		.11	.11							.14	.04
BENSON POLICE BARRACKS					.58			.18					.90		.04	.12
BOYDS 2 NW		.04					.17				.73	.28		.83		
BRIGHTON DAM				.41	.05		.40	.05				.90			.88	.03
CATOCTIN MOUNTAIN PARK					.11			.01					.25		.09	
CLARKSVILLE 3 NNE					.36			.16					1.70	.10	.50	.05
CONOWINGO DAM					.30			.11					.75		.08	.08
DAMASCUS 2 SW					.05			.34				1.23	.02		.25	.01
EMMITTSBURG 2 SE	T			.02	.09							1.73	.61		.05	
FREDRICK POLICE BRKS				.05	.05			T				.15	.35			
FREDRICK 3 E																
PARKTON 2 SW					.09	.39		.10	T				2.02	T		.05
POTOMAC FILTER PLANT				.90	.14								.08		.02	.03
ROCKVILLE 3 NE				.27	.04			.15				1.24	T		.37	.10
TOWSON					.63			.13			.01		.60		.20	.10
UNIONVILLE	.03				.15	.13		.01					.24	T	.15	.02
WESTMINSTER POLICE BRK					.46			.46				2.50	.83		.03	
WOODSTOCK	.98				.35								.54			.04
					.47			.33					1.08		.29	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION (INCHES)

MARYLAND AND
DELAWARE
JULY 1982

STATION	TOTAL	DAY OF MONTH.														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
APPALACHIAN MOUNTAIN 07	5.42	.02			1.30					.20			.78			
CUMBERLAND 2	2.90	.10			1.48					.30			.04			
EDGE MONT	3.24	.03		.01	1.33	.04	.03		.02	.10	.02		.68			
FROSTBURG 2	1.92			.52						.22		T	.06			
HAGERSTOWN	2.30			.74								.09	.37			
HANCOCK FRUIT LAB																
ALLEGHENY PLATEAU 08	4.46	.02		.12	2.74	.02			.12	.02	.02		.20			
MC HENRY 2 NW	3.87			.30	1.60	.05	T		.06				.19			
MERRILL	7.00			2.48	.68	.07			.78	.03						
OAKLAND 1 SE	4.92	T		.04	3.20	.03	T		.10	.02	T	.05	.51			.01
SAVAGE RIVER DAM																
DELAWARE																
NORTHERN MIDDLETOWN 1 WSW 01	2.87			.25	.06								.28			
NEWARK UNIVERSITY FARM	2.66			.31	.23				.74	.01		.03				
WILMINGTON WSO AP	2.70			.54					.01			.01	T			.12
WILMGTON PORTER RESVR	2.46			.30												.31
SOUTHERN BRIDGEVILLE 1 NW 02	2.94			.18	.20						.18				.08	.17
DOVER	2.86			1.27	.64							.03	.74			.50
GEORGETOWN 5 SW	5.77	T			.54						.02	.21	.03		.04	.04
LEWES	4.01	.08			.90											.46
MILFORD 2 WSW	2.67															

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION (CONT)

MARYLAND AND
DELAWARE
JULY 1982

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				1.95	.25	T		.07	T				.22	.63		
EDGE MONT				.09	T	.48		T					1.10	.20		.08
FROSTBURG 2	.01	T		.01	.05	.10		.12	T				.15	.57		
HAGERSTOWN								T				.03	.96		.13	
HANCOCK FRUIT LAB				.03	T			T				.45	.62			
ALLEGHENY PLATEAU 08																
MC HENRY 2 NW	.40			.10	.32	.07		.20	T				.20	.51		
MERRILL				.07	.05	.10		.25					2.00	.60		
OAKLAND 1 SE				.10	.56	T		.25	T				.11	.65		
SAVAGE RIVER DAM					.05	.02		.17								.01
DELAWARE																
NORTHERN MIDDLETOWN 1 WSW 01	.16				.36			1.26					.20		T	.30
NEWARK UNIVERSITY FARM					.03			1.03				.03	.15		.06	.04
WILMINGTON WSO AP				.04	T			1.23				.10	.55		.10	T
WILMGTN PORTER RESVR								.38				.02	1.43		.02	
SOUTHERN BRIDGEVILLE 1 NW 02	.07				.04	.02		.10	.02				.09		1.45	.34
DOVER						.23		.05							.14	.40
GEORGETOWN 5 SW	.60	.04				.40			.24				T	.21		2.90
LEWES					.60	.20		.50					.50	.11	.76	.62
MILFORD 2 WSW					.19	.56		T					T	.02	.54	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

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

MARYLAND AND
DELAWARE
JULY 1982

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 STATE PARK							M						M 5.5	M
PRINCESS ANNE							M						M 2.6	38.70
SALISBURY							M						M 9.5	39.49
SALISBURY FAA AP							M						M 20.9	38.21
SNOW HILL 4 N						2.0	11.0	11.7	2.4	0.0			M 24.7	41.86
CENTRAL EASTERN SHORE 02														
CAMBRIDGE WTR TRMT PL							M 10.3	M 5.9	M 2.4				M 15.8	40.92
DENTON 2 E						1.0	12.0	8.0	0.0	0.0			M 19.4	39.75
ROYAL OAK 2 SSW						1.0	5.0	5.0	0.0	0.0			M 21.0	43.60
VIENNA							M 5.0	5.0	M 0.0				M 10.5	35.60
LOWER SOUTHERN 03														
LA PLATA 1 W						3.3	13.0	12.7	4.5	0.0			M 30.5	40.56
MECHANICSVILLE 1 SE							13.0	12.0	4.4	0.0			M 28.0	46.57
OWINGS FERRY LANDING						4.5	7.0	10.0	0.0	0.0			M 13.7	34.74
PATUXENT RIVER							M 13.8	10.0	2.0	0.0			M 24.1	40.98
SOLOMONS										M 0.0			M 15.8	32.80
UPPER SOUTHERN 04														
BALTIMORE WSO AP						2.0	14.8	7.0	2.4	0.0			M 25.5	37.19
BELTSVILLE						2.0	M 11.1	2.0	0.0	0.0			M 15.8	36.81
COLLEGE PARK						2.0	M 14.0	4.0	0.0	0.0			M 21.5	36.74
DALECARLIA RESVR D C							M 13.4	2.0	0.0	0.0			M 15.5	32.25
GLENN DALE BELL STN						3.9	7.1	6.0	2.0	0.0			M 16.6	42.27
LAUREL 3 W						2.0	15.0	0.0	0.0	0.0			M 2.0	36.36
NATIONAL ARBORETUM D C						3.0	M 21.9	8.0	4.0	0.0			M 33.0	40.63
UPPER MARLBORO 3 NNW						3.0	15.0	6.0	4.0	0.0			M 24.6	41.94
NORTHERN EASTERN SHORE 05														
CENTREVILLE						2.0	12.0	5.0	2.0	0.0			M 12.2	42.82
CHESTERTOWN						3.0	10.0	1.0	0.0	0.0			M 20.1	41.32
MILLINGTON 2 WNW							10.0	1.0	0.0	0.0			M 13.0	36.13
NORTHERN CENTRAL 06														
ABERDEEN PHILLIPS FLD							M 11.5	7.0	0.0	0.0			M 18.6	44.67
BENSON POLICE BARRACKS							13.0	13.0	0.0	0.0			M 20.0	43.32
BOYDS 2 NW							M 8.0	16.0	0.0	0.0			M 14.0	39.22
BRIGHTON DAM							16.0	17.0	0.0	0.0			M 22.0	38.36
CATOCTIN MOUNTAIN PARK					1.5	2.0	M 17.2	15.0	2.0	6.1			M 55.3	44.36
CLARKSVILLE 3 NNE						7.3	13.3	7.8	6.0	1.4			M 30.3	35.55
CONOWINGO DAM							M 13.0	4.0	0.0	0.0			M 4.0	44.11
DAMASCUS 2 SW						2.7	8.0	13.0	2.0	4.0			M 37.7	39.81
EMMITTSBURG 2 SE						2.1	11.0	16.0	1.0	4.0			M 49.1	40.61
FREDRICK POLICE BRKS						7.0	18.0	10.0	3.0	0.0			M 38.0	34.53
FREDERICK 3 E						5.0	6.0	20.0	0.0	3.0			M 38.5	42.19
PARKTON 2 SW						3.0	10.3	13.3	0.0	1.7			M 41.4	42.28
POTOMAC FILTER PLANT							4.0	1.0	6.0	0.0			M 4.5	37.49
ROCKVILLE 3 NE							5.0	16.3	4.0	0.0			M 20.8	30.34
TOWSON							M 11.5	1.0	0.0	0.0			M 17.0	40.23

SEE REFERENCE NOTES FOLLOWING STATION INDEX

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

MARYLAND AND
DELAWARE
JULY 1982

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	
UNIONVILLE											8.0	8	11.3	-	12.8	-	1.5	0	1.0	0					33.6	8	34.61
WESTMINSTER POLICE BRK											10.4	-	10.5	19	13.0	8	1.0	0	2.0	1					35.9	28	33.98
WOODSTOCK											12.0	9	17.0	19	8.0	6	1.0	0	1.0	0					37.0	34	38.66
APPALACHIAN MOUNTAIN 07																											
CUMBERLAND 2									1.0	0	8.0	9	22.0	-	8.0	20	4.0	4	2.0	1					45.0	34	37.38
EDGEMONT									1.0	1	9.0	10	14.5	18	10.4	23	4.0	4	1.5	-					40.8	56	40.37
FROSTBURG 2									8.0	7	34.0	24	33.5	30	14.0	28	15.8	18	10.0	5					115.7	112	46.87
HAGERSTOWN									1.4	1	7.8	10	15.8	19	9.8	20	4.3	2	3.0	1					42.1	53	35.94
HANCOCK FRUIT LAB									1.4	2	4.2	8	17.0	19	12.0	22	4.0	3	1.0	0					38.2	54	35.88
ALLEGHENY PLATEAU 08																											
MC HENRY 2 NW									11.0	7	33.0	26	28.0	30	11.0	28	22.0	13	12.5	7					117.5	111	47.92
MERRILL											20.0	17	41.0	26	7.3	28	12.1	12	7.0	3					87.4	86	37.24
OAKLAND 1 SE									10.0	9	40.0	18	23.0	24	7.5	7	17.0	8	11.0	4					108.5	67	46.59
SAVAGE RIVER DAM									3.0	9	8.0	22	20.0	27	7.0	26	6.0	6	6.0	2					50.0	88	37.32
DELAWARE																											
NORTHERN 01																											
MIDDLETOWN 1 WSW													6	11.5	18	5.0	-		1.0	0					16.5	24	37.26
NEWARK UNIVERSITY FARM											5.0	1	18.0	19	1.0	2			1.0	0					24.5	21	43.25
WILMINGTON WSO AP											2.0	1	14.0	19	4.5	2			2.0	0					24.5	23	40.34
WILMGTN PORTER RESVR													11.0	18	3.2	2			1.0	0					14.8	20	49.19
SOUTHERN 02																											
BRIDGEVILLE 1 NW											5.0	0	12.5	17	8.0	4			1.0	0					22.0	21	40.88
DOVER											2.0	0	15.5	14	8.0	-				0					25.7	14	40.08
GEORGETOWN 5 SW											5.0	0	10.3	9	7.1	4	1.0	0	2.0	0					19.1	13	35.31
LEWES													7.7	1	-	-				0					7.7	1	45.38
MILFORD 2 WSW											1.0	0	16.5	17	10.5	2			2.0	0					30.0	19	39.43

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES(°F)

MARYLAND AND
DELAWARE
JULY 1982

STATION		DAY OF MONTH																															AVERAGE
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
MARYLAND																																	
SOUTHERN EASTERN SHORE 01																																	
ASSATEAGUE STATE PARK	MAX	88	82	82	79	77	77	79	82	87	81	81	89	85	83	82	84	85	87	89	80	80	87	80	82	82	91	90	85	82	78	76	83.0
	MIN	52	61	65	63	63	65	66	70	72	73	73	72	73	74	74	72	72	71	70	67	67	64	68	69	64	73	75	74	66	69	67	68.4
CRISFIELD SOMERS COVE	MAX	84	84	88	86	78	81	84	89	89	87	84	85	88	83	84	86	87	89	90	89	86	85	85	88	85	88	95	89	84	84	76	85.8
	MIN	66	62	65	65	64	61	61	76	75	76	75	76	76	69	74	76	75	79	79	74	68	68	76	71	67	76	80	79	71	66	68	71.4
PRINCESS ANNE	MAX	82	82	88	81	81	84	87	91	91	89	87	88	88	86	86	88	91	92	92	91	88	88	86	88	90	93	89	88	85	78	87.3	
	MIN	61	52	50	62	59	57	49	65	69	63	68	72	71	70	69	67	74	75	76	71	65	53	73	67	58	68	70	78	62	61	61	65.0
SALISBURY	MAX	80	82	86	86	77	77	83	90	89	88	86	87	89	85	84	87	90	94	91	90	87	86	85	86	89	92	92	90	85	82	78	86.2
	MIN	63	57	66	63	61	57	63	70	70	75	71	74	73	73	73	72	71	74	77	73	68	61	73	71	62	69	76	73	65	65	68	68.6
SALISBURY FAA AP	MAX	81	84	88	81	78	82	88	93	92	84	88	90	90	85	85	90	92	94	94	90	84	88	82	85	88	92	92	93	85	72	80	86.8
	MIN	60	56	67	64	59	55	62	70	73	72	72	75	73	75	73	72	72	75	76	71	64	60	73	65	61	70	75	74	67	67	70	68.3
SNOW HILL 4 N	MAX	80	82	88	78	76	80	86	92	91	86	86	89	88	85	84	87	90	92	92	90	84	88	86	84	87	91	91	90	85	83	78	86.1
	MIN	58	52	63	62	57	51	58	67	67	71	66	74	69	72	71	69	68	72	74	73	65	56	70	65	59	67	71	74	64	63	68	65.7
CENTRAL EASTERN SHORE 02																																	
CAMBRIDGE WTR TRMT PL	MAX	82	84	84	84	88	83	88	94	93	89	84	90	92	92	87	89	89	93	94	93	86	89	88	87	88	95	95	94	89	85	83	88.7
	MIN	64	58	67	62	62	57	64	73	70	71	75	69	74	72	70	70	72	75	75	72	68	61	76	63	62	63	77	71	71	65	67	68.3
DENTON 2 E	MAX	82	88	88	87	80	84	89	90	93	88	85	92	91	88	88	89	91	94	95	90	85	89	86	84	90	94	95	91	89	79	80	88.2
	MIN	57	55	55	58	58	50	60	60	68	69	68	71	68	69	69	65	69	72	74	70	62	56	67	65	57	69	69	73	59	60	64	64.1
ROYAL OAK 2 SSW	MAX	79	81	85	78	80	81	86	92	88	83	85	90	90	87	85	89	89	93	91	87	81	87	85	88	87	92	93	89	84	80	79	85.9
	MIN	64	58	71	62	65	57	66	75	70	72	71	75	72	72	72	71	73	79	78	72	67	61	76	70	62	76	77	68	67	66	68	69.5
VIENNA	MAX	85	84	86	96	82	86	89	95	92	90	89	92	91	92	92	89	93	94	95	93	88	90	88	88	90	95	94	93	89	84	83	89.9
	MIN	62	57	68	61	61	55	64	65	70	72	71	73	76	70	70	69	72	72	76	71	65	60	75	69	60	72	75	71	64	64	67	67.6
LOWER SOUTHERN 03																																	
LA PLATA 1 W	MAX	80	80	89	77	79	81	87	88	85	81	82	84	85	82	82	86	89	90	89	84	79	86	85	83	85	88	89	87	82	77	76	83.8
	MIN	57	54	66	61	64	56	66	71	68	71	70	71	71	71	69	70	71	74	71	69	65	59	72	69	65	69	72	77	64	67	69	67.4
MECHANICSVILLE 1 SE	MAX																																M
	MIN																																M
OWINGS FERRY LANDING	MAX	80	82	86	80	81	82	86	93	89	86	89	91	90	86	89	92	94	95	95	91	84	89	88	89	91	95	92	93	86	75	81	87.7
	MIN	59	57	60	60	61	56	62	70	68	69	71	70	70	70	68	71	71	74	71	68	68	70	72	71	71	71	70	74	64	64	68	67.4
PATUXENT RIVER	MAX	80	84	92	80	80	82	91	96	90	86	87	92	93	86	87	89	89	95	93	89	82	90	84	87	89	96	91	93	86	79	79	87.5
	MIN	63	63	67	63	67	64	69	75	73	74	75	77	77	75	75	74	75	77	69	73	67	64	72	74	67	74	76	74	68	67	72	71.0
SOLOMONS	MAX	87	79	88	76	75	90	79	90	94	79	82	89	89	80	89	86	87	96	93	89	85	91	82	88	87	95	91	93	88	76	75	86.1
	MIN	64	62	65	61	64	62	68	71	70	71	70	72	72	72	71	73	73	76	73	71	70	66	72	73	70	72	76	66	66	69	65	69.1
UPPER SOUTHERN 04																																	
ANNAPOLIS POLICE BRKS	MAX	80	80	81	79	81	81	86	93	89	87	86	90	90	90	89	90	91	94	93	90	85	90	87	86	88	96	94	90	86	85	84	87.5
	MIN	63	60	68	62	68	63	67	73	71	70	72	73	72	73	73	73	74	76	74	72	67	62	62	68	67	72	76	76	67	67	67	69.3
BALTIMORE WSO AP	MAX	80	83	80	79	80	82	90	94	91	83	86	90	89	84	89	91	94	96	96	88	84	89	85	86	92	96	92	88	86	76	84	87.2
	MIN	60	58	62	61	64	56	63	71	69	71	70	71	70	70	69	70	72	73	73	68	64	61	71	67	66	71	73	70	62	63	68	67.0
BELTSVILLE	MAX	83	80	83	80	79	80	83	90	93	90	85	85	88	90	83	87	90	94	95	94	87	82	90	84	87	90	94	91	87	85	74	86.5
	MIN	56	53	63	58	61	54	62	71	69	70	68	70	69	67	68	67	68	72	77	72	63	56	68	64	62	69	72	71	61	60	66	65.4
COLLEGE PARK	MAX	84	80	84	84	80	82	86	91	95	90	87	85	91	91	85	87	90	94	96	95	89	83	91	85	88	92	95	93	88	89	74	87.8
	MIN	61	57	66	61	64	56	66	76	71	73	73	73	72	70	70	70	71	75	74	72	66	58	73	66	64	70	75	72	67	64	69	68.2
DALECARLIA RESVR D C	MAX																																M
	MIN																																M
GLENN DALE BELL STN	MAX	79	82	80	77	80	82	88	92	92	89	85	88	90	88	88	90	96	96	95	94	83	89	89	88	89	94	94	90	86	84	82	87.7
	MIN	50	50	57	54	57	52	58	66	64	66	65	65	66	64	66	65	64	68	65	64	58	50	67	62	58	62	65	70	60	58	63	61.3
LAUREL 3 W	MAX	77	80	77	77	78	80	86	94	89	87	85	90	89	86	88	89	96	95	95	94	82	89	85	86	87	93	93	84	92	72	82	86.4
	MIN	65	58	67	60	62	62	60	73	70	73	72	70	72	70	74	71	77	74	72	70	64	65	63	64	68	80	70	71	69	66	68	68.4

DAILY TEMPERATURES (°F)

MARYLAND AND
DELAWARE
JULY 1982

STATION		DAY OF MONTH																															AVERAGE	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
NATIONAL ARBORETUM D C		MAX MIN	85 62	81 57	88 63	89 62	82 63	82 56	85 63	90 68	95 69	90 72	85 70	87 70	80 72	91 71	86 69	89 71	94 72	95 75	97 71	96 69	90 67	85 60	91 65	84 67	89 65	91 70	95 71	93 71	89 67	86 64	74 68	88.1 67.1
UPPER MARLBORO 3 NNW		MAX MIN	85 57	80 52	84 62	84 58	80 60	82 55	82 60	90 67	95 67	88 70	83 68	85 68	89 67	90 67	90 68	88 67	90 68	92 71	95 68	95 67	88 63	83 54	88 64	84 62	85 59	90 66	94 70	91 69	88 65	85 62	74 67	87.0 64.1
NORTHERN EASTERN SHORE 05																																		
CENTREVILLE		MAX MIN	84 69	82 55	82 59	81 57	82 60	83 54	88 61	93 69	90 65	89 70	91 69	90 72	90 69	84 69	89 69	91 68	92 66	93 73	93 72	92 69	82 62	89 59	90 59	92 65	93 60	93 80	91 79	91 70	86 71	87 61	88 60	88.4 65.8
CHESTERTOWN		MAX MIN	80 61	82 56	80 62	79 59	80 62	83 55	88 64	93 70	90 71	86 73	87 70	90 73	90 70	85 71	89 70	91 68	92 73	94 76	93 75	86 70	84 64	88 61	83 72	88 63	89 62	93 72	93 73	88 72	84 63	77 64	83 67	86.7 67.2
MILLINGTON 2 WNW		MAX MIN																																M
NORTHERN CENTRAL 06																																		
ABERDEEN PHILLIPS FLD		MAX MIN	79 59	80 56	80 63	78 59	79 62	80 59	87 65	92 73	92 70	92 71	88 71	89 72	90 68	87 67	88 71	90 66	92 72	94 74	94 73	93 71	82 63	88 57	88 72	89 67	89 60	94 70	94 72	89 71	86 59	85 63	84 67	87.5 66.5
BALTIMORE WSO CI		MAX MIN	83 64	85 66	77 62	80 63	82 71	82 67	92 70	97 76	92 78	86 77	87 76	93 76	91 78	87 76	90 76	91 76	93 78	97 80	96 78	88 76	86 68	92 72	88 75	88 72	93 74	97 77	92 78	87 74	87 70	76 65	85 70	88.3 73.5
BENSON POLICE BARRACKS		MAX MIN	79 57	80 55	81 62	82 58	80 63	80 55	86 62	93 68	93 71	88 69	87 71	89 72	90 68	90 67	89 70	90 68	91 70	94 72	94 70	84 68	89 60	90 58	88 60	87 64	93 70	93 71	90 71	85 60	85 62	83 66	87.6 65.4	
BOYDS 2 NW		MAX MIN	77 56	80 55	75 55	78 58	78 63	81 55	88 63	89 68	87 65	84 67	82 68	85 67	87 65	86 67	89 67	92 68	93 68	92 68	86 65	81 60	88 57	83 62	89 63	90 66	89 66	89 71	89 68	81 58	80 62	84 65	86 64	85.0 63.6
CATOCTIN MOUNTAIN PARK		MAX MIN	75 54	75 55	75 59	73 55	74 61	74 56	80 63	83 63	83 66	82 68	80 68	80 67	81 65	81 67	80 67	83 67	85 70	85 71	86 68	92 61	81 57	83 63	81 62	82 65	86 69	87 71	77 68	76 58	77 62	78 63	80.5 64.0	
CLARKSVILLE 3 NNE		MAX MIN	79 57	82 50	80 60	79 59	79 67	82 53	90 60	93 67	89 67	85 69	84 68	88 69	91 66	90 66	89 67	91 66	94 67	97 67	95 68	95 68	82 59	91 53	88 71	87 61	92 59	94 66	93 69	88 70	84 58	82 59	83 67	87.6 63.6
CONOWINGO DAM		MAX MIN	78 60	81 58	70 58	80 59	78 60	79 56	87 62	89 68	89 70	89 69	85 70	90 72	90 66	87 67	89 69	89 65	92 70	96 73	93 71	85 64	87 59	91 68	92 60	90 59	95 63	94 69	92 69	89 69	84 64	82 66	86.7 66.0	
DAMASCUS 2 SW		MAX MIN	76 55	80 52	75 61	78 58	79 62	81 55	88 65	89 69	87 67	83 69	81 69	84 69	87 66	79 69	87 65	89 69	91 70	92 74	92 69	85 68	83 60	88 59	84 63	87 63	89 69	91 69	89 69	81 69	81 64	70 66	83 66	84.2 64.7
EMMITSBURG 2 SE		MAX MIN	80 51	80 52	80 60	80 56	77 64	81 56	88 64	90 69	87 68	86 67	85 69	88 70	88 60	88 62	89 63	92 64	94 68	92 68	87 69	85 59	90 53	89 69	89 60	92 55	95 64	94 70	85 69	85 59	83 60	83 66	87.0 63.0	
FREDRICK POLICE BRKS		MAX MIN																																M
PARKTON 2 SW		MAX MIN	76 49	78 49	68 58	77 56	76 57	78 57	86 59	91 66	88 66	85 65	83 68	87 66	88 62	85 64	88 65	90 66	91 68	92 69	93 67	83 65	80 58	86 55	80 55	83 59	88 60	92 65	89 65	86 66	82 59	73 66	83 66	84.0 61.6
ROCKVILLE 3 NE		MAX MIN	80 50	83 46	80 45	80 47	81 46	84 49	92 60	89 62	88 64	87 62	90 59	90 63	87 69	90 62	90 62	92 64	94 65	91 64	85 62	90 56	85 49	88 65	80 50	92 59	94 61	94 65	91 66	84 62	80 60	79 65	87.4 58.6	
TOWSON		MAX MIN	77 57	86 59	84 65	79 59	80 64	85 60	95 64	98 71	90 74	85 72	93 74	95 75	96 68	92 70	89 71	95 74	97 73	99 70	99 73	90 63	90 64	89 67	94 65	100 64	100 65	95 72	97 68	82 68	82 66	90.5 67.2		
UNIONVILLE		MAX MIN	78 48	79 48	79 58	80 56	80 62	81 54	87 65	90 67	87 68	88 66	85 63	87 65	88 60	87 64	88 66	90 65	92 69	93 68	92 67	86 69	82 53	87 59	87 68	86 60	88 59	91 64	90 66	81 69	81 56	79 59	83 67	85.5 62.4
WESTMINSTER POLICE BRK		MAX MIN	78 56	80 55	86 62	78 56	79 61	82 55	89 64	90 71	91 70	86 68	85 67	87 70	88 67	90 67	88 68	92 70	93 74	94 73	96 71	92 68	80 55	89 62	89 63	87 63	90 63	93 72	84 68	82 60	84 61	84 64	87.1 65.0	
WOODSTOCK		MAX MIN	79 56	82 52	80 60	79 59	80 61	82 55	89 62	92 69	89 68	85 70	84 69	89 69	90 66	88 66	90 66	90 66	93 68	94 71	93 69	86 67	83 60	89 56	88 72	87 63	91 61	93 68	92 71	83 70	84 58	82 60	84 67	86.8 64.4
APPALACHIAN MOUNTAIN 07																																		
CUMBERLAND 2		MAX MIN	81 50	86 52	84 60	77 62	79 58	85 59	92 64	91 67	87 64	89 65	87 68	86 60	89 60	86 64	87 68	91 68	95 68	92 66	89 66	87 65	87 60	91 57	88 65	89 60	94 60	91 65	90 68	80 56	84 60	79 59	87 59	87.1 61.9
FROSTBURG 2		MAX MIN	73 45	71 44	77 43	71 57	70 58	70 55	78 49	85 59	84 65	80 60	81 54	78 63	79 56	81 56	80 62	83 59	86 60	85 60	85 60	80 53	83 51	79 50	85 57	88 58	84 61	85 58	75 59	77 49	75 58	79.4 56.5		
HAGERSTOWN		MAX MIN	82 54	82 53	80 62	79 59	78 65	81 60	90 65	90 68	88 68	84 70	87 66	90 66	87 62	89 65	91 66	93 66	94 70	93 68	88 70	84 61	91 57	90 68	89 61	93 61	93 68	91 72	82 68	85 60	80 63	85 65	87.0 64.5	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES (°F)

MARYLAND AND
DELAWARE
JULY 1982

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		
HANCOCK FRUIT LAB		MAX	84	81	79	76	79	82	89	91	89	87	85	86	84	86	84	88	92	94	92	87	89	88	87	87	91	90	89	82	82	77	85	85.9
		MIN	48	51	62	61	60	55	58	64	65	63	65	66	56	59	64	65	65	64	65	68	61	51	67	56	61	53	66	70	54	57	54	60.5
ALLEGHENY PLATEAU 08																																		
MC HENRY 2 NW		MAX	70	69	73	70	71	72	79	86	77	74	77	80	76	80	76	83	83	85	85	80	76	78	83	77	81	80	80	83	70	75	76	77.6
		MIN	45	48	50	58	58	57	60	64	62	62	63	63	59	61	60	62	63	64	65	63	59	57	60	58	59	62	64	65	53	54	59	59.3
OAKLAND 1 SE		MAX	72	76	77	76	74	80	85	83	81	82	82	79	80	79	85	86	87	87	83	82	80	85	82	81	84	82	84	81	76	74	79	80.8
		MIN	40	40	56	61	61	54	55	65	63	60	60	63	55	58	58	60	60	61	61	64	65	63	48	63	54	53	57	62	64	48	58	57.6
SAVAGE RIVER DAM		MAX	75	72	78	75	69	72	78	87	84	80	81	81	78	81	78	80	85	87	89	85	82	82	87	81	82	80	84	84	77	79	75	80.3
		MIN	46	46	49	58	60	58	59	61	65	60	61	64	56	57	61	62	63	65	67	66	63	52	54	58	56	58	63	64	53	55	59	58.7
DELAWARE																																		
NORTHERN 01																																		
MIDDLETOWN 1 WSW		MAX	77	78	79	78	78	82	87	92	92	89	86	89	90	89	90	91	91	92	93	89	81	88	88	86	87	92	91	90	85	84	81	86.6
		MIN	59	54	60	57	60	52	60	70	68	71	70	71	67	66	68	68	72	72	72	70	63	57	76	65	57	69	70	70	59	66	67	65.4
NEWARK UNIVERSITY FARM		MAX	78	81	81	77	79	82	88	91	89	89	86	89	90	90	90	91	92	95	94	93	82	89	90	88	89	94	93	89	87	84	85	87.6
		MIN	58	53	59	58	60	54	60	63	69	65	68	72	66	67	71	69	71	73	73	71	61	59	69	67	58	70	70	70	61	62	67	65.0
WILMINGTON WSO AP		MAX	78	81	74	81	78	79	86	91	92	89	87	92	92	88	90	90	93	95	95	86	86	91	83	87	90	93	91	89	86	78	84	86.9
		MIN	60	56	61	57	62	58	64	71	72	70	73	74	69	71	74	75	74	75	75	70	65	62	68	67	61	72	74	72	62	67	69	67.7
WILMGTON PORTER RESVR		MAX	77	79	72	78	77	80	87	90	89	90	87	91	90	88	91	88	89	94	94	85	85	88	81	88	88	91	90	86	87	70	84	85.6
		MIN	64	64	62	60	70	65	67	76	74	71	70	72	75	59	72	75	75	75	76	76	64	64	70	68	67	64	73	72	59	63	65	68.6
SOUTHERN 02																																		
BRIDGEVILLE 1 NW		MAX	79	83	85	80	77	84	86	95	90	87	86	92	90	84	85	91	93	95	94	91	83	90	87	84	90	95	93	92	86	81	78	87.3
		MIN	60	56	65	60	59	52	60	72	70	72	69	72	68	70	69	67	69	73	75	70	64	66	72	68	57	70	72	73	61	61	65	66.4
DOVER		MAX	79	79	82	76	80	76	88	92	94	89	84	90	90	89	87	89	95	94	95	93	86	88	89	85	89	94	93	92	88	84	81	87.4
		MIN	63	57	59	61	62	53	62	71	72	72	70	72	76	70	72	71	70	73	75	73	65	61	71	67	61	72	72	74	66	63	67	67.6
GEORGETOWN 5 SW		MAX	85	80	88	79	77	78	82	88	93	91	78	86	90	90	82	85	90	90	93	93	87	82	88	88	84	88	94	94	93	84	71	86.2
		MIN	60	55	61	59	60	52	59	68	70	71	64	70	70	70	70	68	69	74	75	71	64	57	55	70	57	66	70	56	63	62	63	64.5
LEWES		MAX	78	79	85	82	76	77	85	92	93	90	86	89	89	87	85	89	93	95	94	95	85	90	90	80	88	92	94	93	84	81	78	86.9
		MIN	66	58	65	63	59	56	56	71	72	72	70	74	71	71	70	69	71	75	76	72	68	62	72	75	61	72	75	74	66	64	67	68.2
MILFORD 2 WSW		MAX	80	83	86	86	79	80	89	95	94	90	88	91	92	90	88	90	93	95	95	92	83	88	88	89	90	95	94	93	88	84	84	88.8
		MIN	59	54	62	59	68	52	61	69	71	72	70	72	68	70	72	68	71	75	76	72	61	57	63	69	57	75	73	75	62	63	65	66.4

SEE REFERENCE NOTES FOLLOWING STATION INDEX

MONTHLY AND SEASONAL HEATING DEGREE DAYS

MARYLAND AND
DELAWARE
JULY 1982

STATION	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	TOTAL	SEASONAL NORM
MARYLAND														
SOUTHERN EASTERN SHORE 01														
ASSATEAGUE STATE PARK	0	0	24	214	417	807	1076						M 2538	
CRISFIELD SOMERS COVE	0	0	14	206	425	834	1026	707	598	326	11	3	4150	3759
PRINCESS ANNE	0	1	39	298	539	824	1064	743	598	416	72	9	4603	
SALISBURY	0	0	31	270	469	820	1018	697	564	343	30	8	4250	3985
SALISBURY FAA AP	0	4	36	307	505	837	1083	746	623	393	39	10	4583	
SNOW HILL 4 N	0	5	43	308	500	842	1058	730	604	364	48	11	4513	4239
CENTRAL EASTERN SHORE 02														
CAMBRIDGE WTR TRMT PL	0	0	17	241	449	819	1082	708	582	338	28		M 4264	
DENTON 2 E	0	4	40	314	532	875	1138	753	633	382	56	11	4738	4409
ROYAL OAK 2 SSW	0	1	24	261	489	861	1116	751	634	366	26	5	4534	
VIENNA	0	0	20	277	494	841	1095	731	579	341	29	4	4411	
LOWER SOUTHERN 03														
LA PLATA 1 W	0	5	44	301	502	909	1116	752	605	361	57	7	4659	4348
MECHANICSVILLE 1 SE	0	10	79	329	579	988	1153	825	684	445	93	3	5188	
OWINGS FERRY LANDING	0	0	45	299			1095	752	620	350	31	11	4203	4271
PATUXENT RIVER	0	1	20	252	469	843	1088	742	629	369	18	1	4432	
SOLOMONS	0				400	835	1064	739	620	385	32		M 4075	3919
UPPER SOUTHERN 04														
ANNAPOLIS POLICE BRKS	0	0	27	272	484	871		755	645	350	52	5	M 3461	4548
BALTIMORE WSO AP	0	0	51	363	557	940	1218	808	677	422	58	20	5114	4729
BELTSVILLE	0	6	80	398	569	972	1264	836	714	438	98	21	5396	
COLLEGE PARK	0	4	47	329	513	899	1198	784	663	378	63	13	4891	4440
DALECARLIA RESVR D C	0	1	55	323	566	913	1161	760	615	377			M 4771	
GLENN DALE BELL STN	0	6	69	357	553	948	1181	786	640	405	84	20	5049	4646
LAUREL 3 W	0	0	46	306	513	885	1148			400	27	23	M 3348	
NATIONAL ARBORETUM D C	0	5	37	337	544	883	1194	788	661	385	37	15	4886	
UPPER MARLBORO 3 NNW	0	19	67	394	560	957	1198	802	682	387	72	16	5154	
NORTHERN EASTERN SHORE 05														
CENTREVILLE	0	0	34	276	511	876	1147	753	623	370	47	9	4646	
CHESTERTOWN	0	1	45	337	566	924	1217	826	679	413	52	7	5067	4516
MILLINGTON 2 WNW	0	0	62	350			1228		683	424	57	19	M 2823	4614
NORTHERN CENTRAL 06														
ABERDEEN PHILLIPS FLD	0	0	44	342	547	909	1221	794	667	385	55	10	4974	
BALTIMORE WSO CI	0	0	28	279	460	845	1140	754		329	22	7	M 3864	4101
BENSON POLICE BARRACKS	0	1	66	319	531	936	1214	824	675	382	41	10	4999	
BOYDS 2 NW	0	0	47	354	559	981	1226	816	665	380	58	21	5107	
CATOCTIN MOUNTAIN PARK	4	11	120	436	655	1092	1331	939	797	486	87	68	6026	
CLARKSVILLE 3 NNE	0	7	64	388	612	1001	1237	829	718	434	96	17	5403	
CONOWINGO DAM	0	0	64	397	621	966	1254	898	756	467	76	25	5524	5184
DAMASCUS 2 SW	0	5	82	385	593	1016	1258	853	721	434	73	32	5452	
EMMITSBURG 2 SE	0	11	86	416	639	1024	1327	919	769	478	100	36	5805	
FREDRICK POLICE BRKS	0	1	46	325	530	937	1202	808	649		35	15	M 4548	
PARKTON 2 SW	0	10	105	456	655	1031	1328	916	794	524	117	56	5992	
ROCKVILLE 3 NE	0	9		367		1012	1184	813	631	387	76	27	M 4506	
TOWSON	0	0	21	333	514	902	1186	797	658	387	42	10	4850	
UNIONVILLE	1	16	91	414	626	1014	1245	827	695	464	113	30	5536	5372
WESTMINSTER POLICE BRK	0	0	74	363	588	996	1259	847	715	414	60	27	5343	
WOODSTOCK	0	2	62	362	564	982	1222	836	698	410	63	19	5220	5011

SEE REFERENCE NOTES FOLLOWING STATION INDEX

MONTHLY AND SEASONAL HEATING DEGREE DAYS

MARYLAND AND
DELAWARE
JULY 1982

STATION	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	TOTAL	SEASONAL NORM
APPALACHIAN MOUNTAIN 07														
CUMBERLAND 2	0	1	67	392	627	986	1227	841	628	427	59	16	5271	
FROSTBURG 2	24	52	194	575	775	1176	1427	1039	913	649	155	136	7115	
HAGERSTOWN	0	0	63	386	605	1007	1267	875	701	417	53	19	5393	
HANCOCK FRUIT LAB	2	20	103	435	644	1009	1275	857	719	485	96	32	5677	
ALLEGHENY PLATEAU 08														
MC HENRY 2 NW	36	47	215	616	802	1226	1451	1084	901	659	112	121	7270	
OAKLAND 1 SE	26	56	162	483	791	1153	1323	938	786	610	145	99	6572	6508
SAVAGE RIVER DAM	20	44	165	540	760	1132	1395B	998	837	592	126	88	6697	
DELAWARE														
NORTHERN 01														
MIDDLETOWN 1 WSW	0	2	49	328	575	920	1202	786	674	407	62	12	5017	
NEWARK UNIVERSITY FARM	0	0	52	350	573	938	1220	820	704	424	75	16	5172	4944
WILMINGTON WSO AP	0	0	57	370	585	947	1259	855	715	426	69	12	5295	4940
WILMGTN PORTER RESVR	0	0	71	368	609	970	1265	861	748	422	31	5	5350	5044
SOUTHERN 02														
BRIDGEVILLE 1 NW	0	3	50	322	523	879	1117	753	628	382	56	9	4722	4495
DOVER	0	0	35	297	522	893	1136	754	634	383	37	13	4704	4357
GEORGETOWN 5 SW	0	6	57	326	535	905	1152	800	686	436	91	26	5020	
LEWES	0	0	27	271	502	838	1079	604	604	335	72	19	3747	
MILFORD 2 WSW	0	1	52	308	535	896	1139	779	672	413	88	21	4904	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

EVAPORATION AND WIND

MARYLAND AND
DELAWARE
JULY 1982

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	WIND	26	21	24	24	15	33	30	25	16	8	20	22	15	13	8	10	16	20	24	19	22	21	24	12	23	14	15	19	31	13	16	599
BELTSVILLE		EVAP	20	27	0	*	63	28	28	27	24	6	10	26	26	24	8	17	11	34	24	33	13	18	32	*	28	19	28	4	37	23	1	6.39
		MAX	89	91	92	80	92	90	94	98	101	95	94	89	98	96	84	97	95	100	102	101	95	97	95	97	97	100	97	88	95	74	94.0	
		MIN	68	60	62	66	67	64	65	70	73	72	75	73	73	72	71	73	74	75	75	76	66	64	65	72	70	71	74	75	66	66	72	69.8
UPPER MARLBORO 3 NNW		WIND	19	15	14	21	8	10	16	28	10	1	7	12	8	6	1	7	6	15	12	10	8	11	13	5	9	8	7	11	16	7	9	330
		EVAP	-	28	27	19	23	25	27	28	25	12	16	15	24	27	8	15	22	18	2	27	16	28	20	13	26	22	23	-	52	26	37	6.82B
		MAX	84	89	91	90	90	90	92	95	97	92	90	89	95	98	82	94	98	99	99	98	90	92	93	90	95	96	99	95	89	91	75	92.2
		MIN	63	62	62	61	63	61	63	67	72	72	74	74	72	73	72	73	75	74	74	73	67	65	65	68	68	70	73	70	66	66	68	68.6
ALLEGHENY PLATEAU																																		
SAVAGE RIVER DAM	08	WIND	69	52	28	33	17	25	27	22	29	29	28	26	31	21	22	24	23	18	25	39	53	30	20	19	25	24	35	19	40	18	29	899
		EVAP	14	21	23	15	8	1	5	20	27	9	6	26	5	29	10	3	20	19	11	18	18	33	16	1	17	33	10	0	21	24	8	6.15
		MAX	82	83	78	-	72	87	91	88	83	90	86	86	88	82	90	92	95	90	91	85	95	96	83	96	92	81	83	75	87	74	85.8	
		MIN	51	51	49	60	63	62	62	66	68	65	64	63	62	62	64	65	68	64	70	70	65	57	59	64	61	61	65	63	59	59	63	62.3
DELAWARE																																		
NORTHERN	01																																	
NEWARK UNIVERSITY FARM		WIND	39	22	13	18	18	10	18	18	17	11	14	18	12	7	7	9	11	9	13	15	21	18	8	13	12	12	8	11	25	7	4	438
		EVAP	23	29	0	18	33	12	25	32	14	15	13	32	24	20	14	20	12	25	25	19	18	27	21	23	20	18	20	15	23	13	6	6.09
		MAX	87	90	89	85	91	93	96	96	95	98	94	96	98	98	96	98	100	102	101	101	93	96	96	97	96	99	100	98	94	93	91	95.4
		MIN	61	61	65	58	68	61	66	73	71	74	75	75	71	72	73	72	75	76	76	73	65	64	72	67	66	72	74	74	65	67	68	69.4
SOUTHERN																																		
GEORGETOWN 5 SW	02	WIND	48	43	47	13	36	33	40	84	65	34	25	66	44	35	24	27	25	81	85	60	59	51	76	29	46	63	57	62	100	37	31	1646
		EVAP	24	19	18	50	23	32	24	33	29	9	15	22	20	28	9	65	24	24	35	35	26	30	25	9	36	30	33	33	28	-	8.37B	
		MAX	92	89	87	82	86	90	80	85	98	94	78	91	95	100	78	92	99	96	96	98	80	78	93	79	81	94	96	97	92	79	71	88.6
		MIN	63	64	64	62	60	60	60	68	71	74	72	73	75	72	72	73	79	76	76	75	67	65	66	69	67	74	72	74	67	67	62	69.0

EVAPORATION: IS MEASURED IN HUNDRETHS OF INCHES

WIND: IS MEASURED IN MILES

MAX AND MIN: THE MAXIMUM AND MINIMUM TEMPERATURES (FAHRENHEIT) OF THE WATER IN THE EVAPORATION PAN
SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

MARYLAND AND
DELAWARE
JULY 1982

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 ANNAPOLIS POLICE BRKS ASSATEAGUE STATE PARK BALTIMORE WSO AP BALTIMORE WSO CI BELTSVILLE BENSON POLICE BARRACKS BOYDS 2 NW	001135 001135 003333 004670 004670 007000 073322 103226	06 06 06 06 06 06 06 06	HARFORD ANNE ARUNDEL WORCESTER ANNE ARUNDEL BALTO CITY PRN GEORGES HARFORD MONTGOMERY	39 28 39 59 39 14 39 11 39 17 39 22 39 30 39 13	76 10W 76 30W 75 48W 76 40W 76 37W 76 53W 76 23W 77 20W	57 25 7 196 91 120 365 580	16 17 17 MID MID 8 17 18	16 17 17 MID MID 8 17 18	C H H H C C C C	ROSS AVIATION INC ANNAPOLIS POLICE BRKS ASSATEAGUE STATE PARK NATL WEATHER SERVICE OCMI COMMANDING OFFICER U S DEPT OF AGRICULTURE MARYLAND STATE POLICE HUNTER F STALEY	
BRIGHTON DAM CAMBRIDGE WTR TRMT PL CATOCTIN MOUNTAIN PARK CENTREVILLE CHESTERTOWN CLARKSVILLE 3 NNE COLLEGE PARK CONOWINGO DAM CRISFIELD SOMERS COVE	1125 1385 1530 1627 1750 1866 1995 2060 2215	06 06 06 06 06 06 06 06 01	MONTGOMERY DORCHESTER FREDERICK QUEEN ANNES KENT HOWARD PRN GEORGES HARFORD SOMERSET	39 12 39 34 39 39 39 33 39 13 39 15 39 59 39 39 37 59	77 1W 76 4W 77 29W 76 4W 76 4W 76 56W 76 57W 76 10W 75 52W	330 5 1610 60 40 365 90 40 8	MID 16 17 17 23 17 9 MID MID		C H H H C C H H	WASH SUB SANY COMM WASTEWATER TRMT PLANT CATOCTIN MOUNTAIN PARK MICHAEL B CATE THOMAS W ELIASON JR UNIVERSITY OF MARYLAND UNIVERSITY OF MARYLAND SUSQUEHANNA ELECTRIC CO SOMERS COVE MARINA	
CUMBERLAND 2 DALECARLIA RESVR D C DAMASCUS 2 SW DENTON 2 E FREDGEMONT FREDMITSBURG 2 SE FREDRICK POLICE BRKS FREDRICK 3 E FROSTBURG 2	2282 2333 2333 2523 2523 2770 3348 3355 3415	07 04 06 06 06 06 06 06 07	ALLEGANY MONTGOMERY MONTGOMERY CAROLINE WASHINGTON FREDERICK FREDERICK FREDERICK ALLEGANY	39 38 39 56 39 53 39 53 39 40 39 41 39 25 39 24 39 40	78 45W 77 7W 77 14W 75 48W 77 33W 77 18W 77 26W 77 22W 78 56W	700 146 720 50 905 416 380 385 2170	18 17 19 17 7 17 17 7 7		H H H H H H H H H	TIMOTHY B THOMAS U S CORPS OF ENGINEERS RICHARD W SCHWERT ARTHUR REINHOLD JOHN W HARNE MRS LUCILLE K BEALE MARYLAND STATE POLICE MISS I MARY STALEY LEE K CLOSE	
GLENN DALE BELL STN HAGERSTOWN HANCOCK FRUIT LAB LA PLATA 1 W LAUREL 3 W MC HENRY 2 NW MECHANICSVILLE 1 SE MERRILL MILLINGTON 2 WNW	3675 3975 4033 5080 5111 5832 5865 5894 5985	04 07 07 09 04 08 03 09 05	PRN GEORGES WASHINGTON WASHINGTON CHARLES PRN GEORGES GARRETT ST MARYS GARRETT KENT	38 58 39 39 39 42 39 32 39 36 39 35 39 26 39 36 39 16	76 48W 77 44W 78 11W 77 0W 76 54W 79 22W 76 43W 79 5W 75 52W	150 660 428 140 400 2680 160 1790 30	16 18 16 18 MID 17 17 17	16 18 16 18 MID 17 17 17	C H H C C H H H H	USDA PLT INTRODUCT STN HAGERSTOWN RESERVOIR SHARPSBURG RESEARCH C C RUSSELL LEVERING WASH SUB SANY COMM JOSEPH F JOHANNING MRS EDITH R BENNETT DELMARVA E MERRILL MRS GERALDINE CONNOLLEY	
NATIONAL ARBORETUM D C OAKLAND 1 SE OWINGS FERRY LANDING PARKTON 2 SW PATUXENT RIVER POTOMAC FILTER PLANT PRINCESS ANNE ROCKVILLE 3 NE ROYAL OAK 2 SSW	6335 6620 6770 6844 6915 7272 7330 7705 7806	04 08 09 09 03 06 01 06 02	GARRETT CALVERT BALTIMORE ST MARYS MONTGOMERY SOMERSET MONTGOMERY TALBOT	38 54 39 34 39 41 39 38 39 20 39 22 39 13 39 7 38 43	76 59W 79 24W 76 40W 76 42W 76 25W 77 15W 75 41W 77 6W 76 11W	50 2420 160 600 338 270 20 400 10	8 17 17 23 MID MID 17 16 18	8 17 17 23 MID MID 17 16 18	H H H C C H H H H	U S NATL ARBORETUM MS CARA M WEBER JAMES E BOURNE JR JOHN R FOX NAVAL WEATHER SERVICE POTOMAC WATER FILT PLT MARYLAND ST COLLEGE FRM MD NATL CAPITAL PARK JOHN L SWAINE JR	
SALISBURY SALISBURY FAA AP SAVAGE RIVER DAM SNOW HILL 4 N SOLOMONS TOWSON UNIONVILLE UPPER MARLBORO 3 NNW VIENNA	8000 8005 8065 8388 8405 8877 9030 9070 9140	01 01 09 01 03 06 06 04 02	WICOMICO WICOMICO GARRETT WORCESTER CALVERT BALTIMORE FREDERICK PRN GEORGES DORCHESTER	38 22 38 30 39 31 39 14 39 19 39 23 39 27 39 52 38 29	75 35W 75 31W 79 38W 75 23W 76 27W 76 34W 77 11W 76 47W 75 50W	10 48 149 28 12 390 430 98 12	17 MID 18 18 18 18 18 18 18	17 MID 18 18 18 18 18 18 18	H H H C C H H H H	CITY OF SALISBURY FAA U S CORPS OF ENGINEERS CURTIS E SHOCKLEY CHESAPEAKE BIOL LAB BENDIX FRIEZ GEORGE P VON EIFF JR TOBACCO EXP FARM DELMARVA POWER & LIGHT	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

MARYLAND AND
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JULY 1982

STATION	INDEX NO.	DIVISION	COUNTY	LATITUDE	LONGITUDE	ELEVATION (IN FEET)	OBSERVATION TIME AND TABLES				OBSERVER	
							LOCAL STD TIME					
							TEMP	PRECIP	EVAP	SPECIAL (SEE NOTES)		
WESTMINSTER POLICE BRK WOODSTOCK	9440 9750	06 06	CARROLL BALTIMORE	39 33 39 20	76 58W 76 52W	765 460	17 18	17 18		H	MARYLAND STATE POLICE JOHN A HILTZ	
DELAWARE	1330	00	SUSSEX	38 45	75 37W	50	17	17		H	WILLIAM M RAY	
BRIDGEVILLE 1 NW	2730	00	KENT	39 39	75 31W	30	17	17		H	STATE DIV OF HIGHWAYS	
DOVER	3570	00	SUSSEX	38 38	75 27W	45	18	8	8	BC	H	UNIV OF DEL SUBSTATION
GEORGETOWN 5 SW	5320	00	SUSSEX	38 46	75 8W	15	17	17		H	H	BOARD OF PUBLIC WORKS
LEWES	5852	01	NEW CASTLE	39 26	75 45W	60	16	16		H	H	PIONEER HIBRED CORN CO
MIDDLETOWN 1 WSW	5915	00	SUSSEX	38 54	75 28W	30	17	17		H	H	MRS BERNARD FRANKEL
MILFORD 2 WSW	6410	01	NEW CASTLE	39 40	75 44W	90	17	17	17	C	H	UNIV OF DELAWARE
NEWARK UNIVERSITY FARM												
WILMINGTON WSO AP	R 9595	01	NEW CASTLE	39 40	75 36W	79	MID	MID		C	HJ	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
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REFERENCE NOTES

MARYLAND AND
DELAWARE
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DEFINITIONS

MONTHLY DEGREE DAY TOTALS: One heating (cooling) degree day is accumulated for each degree that the daily mean temperature is below (above) 65 deg. F

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 the time period - 1941-1970. The normals for National Weather Service localities have been adjusted so as to be representative for the current observation site.

DIVISIONS: Areas within a state of similar climatological characteristics.

STATION NAMES: Name of the city, town or locality. Figures and letters following the station names indicate the distance in miles and direction from the post office or town community center.

LETTERS AND SYMBOLS USED IN THE DATA TABLES

- No record. Data not recorded, determined unreliable by quality control checks, or not received in time for publication. No record in the "Monthly Summarized Data" table and the "Daily Temperature" table is indicated by no entry.
- Blank entries in the "Daily Precipitation" and "Snowfall and Snow on Ground" tables indicate zero precipitation.
- + Precipitation or temperature extremes occurred on one or more previous dates during the month.
- * Gage not read. Precipitation is included in the amount following the asterisks. Time distribution not known. An * preceding the monthly total indicates precipitation amount is being carried forward to next months total, and may include amounts from the previous month(s).
- V Includes total for previous month(s). (See * above)
- // Gage equipped with a windshield.
- A Amount of precipitation is the total of observer's entries for the current month. It may include precipitation that occurred during the previous month. Refer to earlier bulletin to determine date of last reading. (HAWAII stations)
- B Adjusted monthly value. (estimated)
- M Insufficient or partial data. M is appended to average and/or total values computed with 1-9 daily values missing. (1-7 missing values for Wind and Evaporation). M appears alone if 10 or more daily values are missing, (8 or more for Wind and Evaporation).
- R Amounts from recording gage.
- T Trace. An amount too small to measure.

LETTERS AND SYMBOLS USED IN THE STATION INDEX TABLE

- AR Observation made "after rain" has occurred.
- C Station is equipped with recording rain gage (R) but values in this bulletin are from a non-recording gage unless indicated by an R.
- G Observations appear in "Soil Temperatures" table.
- J Station also published as a Local Climatological Data publication.
- H Observations appear in "Snowfall and Snow on Ground" table.
- MID Observation time is midnight.
- S Station equipped with storage gage. Precipitation measurements made at irregular intervals are published in the annual issue of this bulletin. Data prior to 1977 are published in the "Storage Gage Precipitation" which was discontinued with the 1976 issue.
- SR Observation time near sunrise.
- SS Observation time near sunset.
- VAR Observation time varies.
- MO Gage read once monthly, usually the last day.
- OC Gage readings vary from a few weeks to several months.
- WI Gage read weekly or irregularly.
- WM Gage read weekly and last day of month.
- # Thermometers located in a rooftop shelter.
- \$3 Maximum and minimum temperatures are the highest and lowest readings for the calendar day taken from hourly observations.

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

Seasonal Tables: Monthly and seasonal snowfall and heating degree days for the 12 months ending with the June data will be carried in the July issue of this bulletin. Cooling degree days for the calendar year will be published in the "Climatological Data Annual Summary".

Information concerning the history of changes in locations, exposure, etc. of substations through 1955 is available in the "Substation History" publication. Subsequent historical information is kept on file at the National Climatic 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 THRU:
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ATTN: PUBLICATIONS

MARYLAND AND DELAWARE - JULY 1982

SPECIAL WEATHER SUMMARY

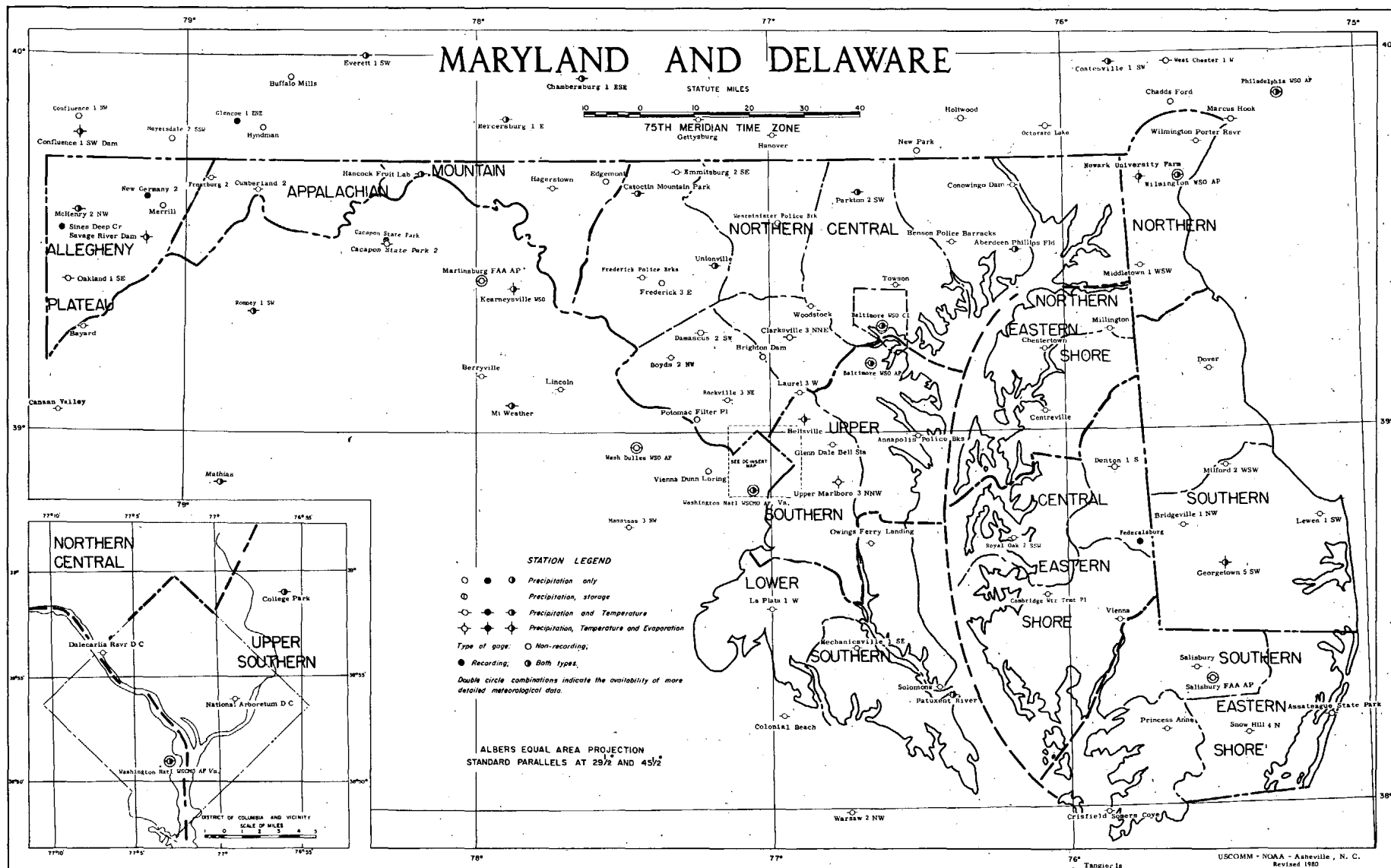
W. J. Moyer
State Climatologist of Maryland
University of Maryland
Department of Agronomy
College Park, MD 20742

The monthly temperatures for July averaged near normal in both states while rainfall averaged near normal in Maryland and slightly below normal in Delaware.

Monthly temperatures ranged from normal to 2° above normal. In Maryland, this July was warmer than the July of 1981 but not as warm as 1980. In Delaware, this July was not as warm as either 1980 or 1981. Daily temperatures were generally above normal from the 8th through the 20th and again from the 26th through the 28th. Except for a cool period during the first six days of the month, daily temperatures were near normal. Highest temperatures reached mostly into the mid and upper 90's; lowest temperatures ranged mostly from the upper 40's to upper 50's. In Garrett County, extremes ranged mostly from the low 40's to the upper 80's. Days with 90° temperatures were generally near to above normal.

Monthly rainfall ranged from much below normal along the northern tier of counties from Allegany County eastward, to much above normal in the southern Eastern Shore and in parts of Garrett County. Heavy rainfall during the last days of the month (in particular the 30th) brought monthly totals of many stations near or above normal for the month. One day rainfalls greater than 2 inches were found in the southern and central Eastern Shore and southern Delaware. The monthly total of 9.11 inches at Crisfield was not a record for this station since 15.04 inches was recorded in July 1938, made possible by a one day total of 8.20 inches.

Thunderstorms on the 3rd, 8th, 11th, 18th, 20th, and 27th caused a few minor injuries and mostly minor damage by heavy rain, high winds, lightning and hail to golf ball size. For further details see NOAA publication, Storm Data.



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

COMPARATIVE CLIMATIC DATA

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

STORM DATA

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

MONTHLY CLIMATIC DATA FOR THE WORLD

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

LOCAL CLIMATOLOGICAL DATA

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

CLIMATOLOGICAL DATA

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

HOURLY PRECIPITATION DATA

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

Local Climatological Data
Annual Summary With Comparative Data
1980
CHICAGO, ILLINOIS
O'HARE INTERNATIONAL AIRPORT

Comparative Climatic Data
For the United States
1980

CLIMATOLOGICAL DATA
ANNUAL SUMMARY
JUNE 1981
CALIFORNIA

MONTHLY CLIMATIC DATA FOR THE WORLD
Sponsored by
World Meteorological Organization

STORM DATA

HOURLY PRECIPITATION DATA
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JANUARY 1981
NEW YORK

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