

CLIMATOLOGICAL DATA

MARYLAND AND DELAWARE

AUGUST 1982

VOLUME 86 NUMBER 8



"I CERTIFY THAT THIS IS AN OFFICIAL PUBLICATION OF
THE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
AND IS COMPILED FROM INFORMATION RECEIVED AT THE
NATIONAL CLIMATIC CENTER, ASHEVILLE NORTH CAROLINA"
28801

L. Ray Hoyt

ACTING DIRECTOR
NATIONAL CLIMATIC CENTER

noaa

NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION / ENVIRONMENTAL DATA AND INFORMATION SERVICE / NATIONAL CLIMATIC CENTER ASHEVILLE, NORTH CAROLINA

TEMPERATURE AND PRECIPITATION EXTREMES

MARYLAND AND
DELAWARE
AUGUST 1982

MARYLAND
HIGHEST TEMPERATURE 92
LOWEST TEMPERATURE 32
GREATEST TOTAL PRECIPITATION 4.79
LEAST TOTAL PRECIPITATION .58
GREATEST 1 DAY PRECIPITATION 2.33

DELAWARE
HIGHEST TEMPERATURE 98
LOWEST TEMPERATURE 42
GREATEST TOTAL PRECIPITATION 5.87
LEAST TOTAL PRECIPITATION 1.49
GREATEST 1 DAY PRECIPITATION 2.37

AUGUST 26+
AUGUST 29

AUGUST 6

AUGUST 17
AUGUST 29

AUGUST 17

7 STATIONS
OAKLAND 1 SE
SNOW HILL 4 N
MILLINGTON 2 WNW
SNOW HILL 4 N

GEORGETOWN 5 SW
BRIDGEVILLE 1 NW
LEWES
BRIDGEVILLE 1 NW
WILMINGTON WSO AP

R

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

MARYLAND AND
DELAWARE
AUGUST 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			
									90 OR ABOVE	32 OR BELOW	32 OR BELOW	0 OR BELOW				TOTAL	MAX. DEPTH ON GROUND	DATE	.10 OR MORE
MARYLAND																			
SOUTHERN EASTERN SHORE 01																			
ASSATEAGUE STATE PARK	81.3	66.2	73.8		90 25+	53 30+	3	22	0	0	0	1.25							
CRISFIELD SOMERS COVE	83.0	67.4	75.2	-2.6	90 20+	52 29	1	32	0	0	0	4.47	0.0	1.40	11				5 0
PRINCESS ANNE	84.0	60.3	72.2		89 5+	44 30	4	23	0	0	0	2.23		1.08	23				7 1
SALISBURY	82.9	64.3	73.6	-2.1	88 5	48 29	5	31	0	0	0	2.70	-2.81	.84	6				5 2
SALISBURY FAA AP	83.1	63.4	73.3		90 5	49 29	7	26	1	0	0	1.51		.58	17				4 1
SNOW HILL 4 N	83.4	61.5	72.5	-2.3	89 25+	45 29	8	24	0	0	0	4.79	-2.22	2.33	6				6 2
--DIVISIONAL DATA-->			73.4	-2.2								2.83	-2.12						
CENTRAL EASTERN SHORE 02																			
CAMBRIDGE WTR TRMT PL	85.1	64.7	74.9		91 18+	51 30	2	31	5	0	0	1.16	-3.74	.50	9				3 1
DENTON 2 E	84.3	68.6	71.5	-3.9	91 4	39 29	4	22	2	0	0	3.08	-1.56	1.18	18				3 2
ROYAL OAK 2 SSW	82.4	64.3	73.4		88 25	46 29	8	27	3	0	0	2.33		1.09	6				3 2
VIENNA	85.2	61.9	73.6		90 25+	45 29	4	27	3	0	0	1.67		.54	18				5 1
--DIVISIONAL DATA-->			73.4	-2.1								2.06	-2.71						
LOWER SOUTHERN 03																			
LA PLATA 1 W	80.2	63.8	72.0	-2.8	87 25	46 29	9	23	0	0	0	2.91	-1.62	1.49	9				3 2
MECHANICSVILLE 1 SE																			
OWINGS FERRY LANDING	84.0	65.8	74.9		92 25	53 29	2	31	4	0	0	2.95		1.12	17				5 3
PATUXENT RIVER	83.8	65.9	74.9	-2.8	91 17	54 29	1	31	3	0	0	2.73	-1.58	1.24	18				5 3
SOLOMONS																			
--DIVISIONAL DATA-->			73.9	-1.3								2.86	-1.73						
UPPER SOUTHERN 04																			
ANNAPOLIS POLICE BRKS	84.0	65.2	74.6	-.5	91 25	53 29	0	30	7	1	0	1.14	-2.91	.58	9				3 1
BALTIMORE WSO AP	83.6	62.3	73.0	-1.9	92 25	49 29	5	25	9	4	0	.95	-3.26	.22	5				5 0
BELTSVILLE	83.0	60.2	71.6		91 6	38 29	7	21	6	2	0	1.72		.43	12				5 0
COLLEGE PARK	83.8	63.4	73.6	-1.6	91 26+	43 29	4	27	5	0	0	1.52	-3.49	.41	12				5 0
DALECARLIA RESVR D C																			
GLENN DALE BELL STN	84.6	57.4	71.0	-3.1	90 5	41 29	12	20	3	1	0	1.41	-3.45	.78	6				3 1
LAUREL 3 W	82.2	63.9	73.1		90 5	47 29	10	26	6	1	0	2.25		.90	2				5 1
NATIONAL ARBORETUM D C	83.4	61.1	72.3		92 26	42 29	9	24	0	0	0	2.03		.76	6				5 1
UPPER MARLBORO 3 NNW	82.6	59.7	71.2		90 26+	39 29	16	21	3	2	0	1.90		.80	10				5 2
--DIVISIONAL DATA-->			72.6	-2.1								1.62	-3.10						
NORTHERN EASTERN SHORE 05																			
CENTREVILLE	84.2	60.5	72.4		89 25+	42 29	11	24	7	0	0	1.71		1.05	6				5 1
CHESTERTOWN	83.6	61.8	72.7	-2.9	90 25	44 29	9	25	6	1	0	.72	-3.45	.40	24				2 0
MILLINGTON 2 WNW	85.1	59.4	72.3	-2.2	92 20+	41 29	9	24	4	0	0	.58	-3.58	.30	25				2 0
--DIVISIONAL DATA-->			72.5	-2.7								1.00	-3.16						
NORTHERN CENTRAL 06																			
ABERDEEN PHILLIPS FLD	83.6	61.6	72.6		90 17	49 29	2	24	7	1	0	2.34		.82	18				4 2
BALTIMORE WSO CI	84.4	67.5	76.0	-1.6	91 25+	54 29	1	34	6	0	0	1.83	-2.18	1.25	5				3 1
BENSON POLICE BARRACKS	83.4	59.5	71.5		89 17+	44 29	6	21	5	0	0	2.68		.76	12				5 3
BOYDS 2 NW	81.4	58.7	70.1		88 5	41 29	16	18	0	0	0	1.08		.45	20				4 0
CATOCTIN MOUNTAIN PARK	76.4	59.8	68.1		84 6	42 29	29	13	4	0	0	1.21		.29	5				6 0

SEE REFERENCE NOTES FOLLOWING STATION INDEX

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

MARYLAND AND
DELAWARE
AUGUST 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						
											90 OR ABOVE	32 OR BELOW	32 OR BELOW	0 OR BELOW						TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	TOTAL	MAX DEPTH ON GROUND	DATE	.10 OR MORE	.50 OR MORE	1.00 OR MORE
CLARKSVILLE 3 NNE	83.0	58.6	70.8		91	5	37	29	14	20	0	0	0	0	2.66	-1.36	1.38	5	.0	.0	.0	3	2	2					
CONOWINGO DAM	81.7	61.4	71.6	-1.8	89	4	48	29	10	22	0	0	0	2.84		.82	23	.0	.0	.0	9	1	0						
DAMASCUS 2 SW	79.9	60.4	70.0		87	5	41	29	19	18	0	0	0	1.86		.61	15	.0	.0	.0	5	1	0						
EMMITSBURG 2 SE	82.0	57.1	69.6		88	17	36	29	20	17	0	0	0	2.95		1.00	17	.0	.0	.0	6	1	0						
FREDRICK POLICE BRKS	83.2	62.6	72.9		89	18	47	29	7	26	0	0	0	1.19		.58	21	.0	.0	.0	4	1	0						
PARKTON 2 SW //	80.2	56.8	68.5		88	17	39	29	21	13	0	0	0	1.44		.48	23	.0	.0	.0	6	0	0						
ROCKVILLE 3 NE	83.3	56.3	69.8		91	25	40	29	6	16	0	0	0	.78		.40	12	.0	.0	.0	9	0	0						
TOWSON	84.3	64.3	74.3		92	0	47	29	29	9	0	0	0	2.87	-1.27	.98	12	.0	.0	.0	5	2	0						
UNIONVILLE	81.4	56.9	69.2	-2.8	89	5	35	29	24	16	0	0	0	2.79	-3.02	.18	12	.0	.0	.0	3	2	0						
WESTMINSTER POLICE BRK	81.7	60.5	71.1		88	4	43	29	12	21	0	0	0	2.53		.65	2	.0	.0	.0	7	2	0						
WOODSTOCK	82.5	60.3	71.4	-1.7	89	5	43	29	12	21	0	0	0	2.44	-1.43	.94	5	.0	.0	.0	3	2	0						
--DIVISIONAL DATA-->			71.1	-2.4										1.93	-2.19			.0	.0	.0									
APPALACHIAN MOUNTAIN 07																													
CUMBERLAND 2	84.4	56.9	70.7		92	5	40	29	15	19	4	0	0	1.49		.37	9	.0	.0	.0	5	0	0						
FROSTBURG 2	75.3	51.4	63.4		84	6	36	30	107	6	0	0	0	2.62		.58	12	.0	.0	.0	8	0	0						
HAGERSTOWN	82.9	59.5	71.2		92	5	40	29	12	21	0	0	0	.70		.15	12	.0	.0	.0	4	0	0						
HANCOCK FRUIT LAB	80.7	54.7	67.7		89	5	33	29	37	12	0	0	0	2.94	-.21	1.84	6	.0	.0	.0	6	1	1						
--DIVISIONAL DATA-->			68.3	-3.9										1.94	-1.55			.0	.0	.0									
ALLEGHENY PLATEAU 08																													
MC HENRY 2 NW	73.3	53.5	63.4		82	8	38	29	98	5	0	0	0	4.44		.72	12	.0	.0	.0	1	4	0						
OAKLAND 1 SE	76.5	52.4	64.5	-2.0	83	5	32	29	71	6	0	0	1	3.19	-1.17	1.17	8	.0	.0	.0	8	2	1						
SAVAGE RIVER DAM	76.9	52.9	64.9		84	9	36	31	79	8	0	0	0	2.04		.48	18	.0	.0	.0	7	0	0						
--DIVISIONAL DATA-->			64.3	-2.1										3.22	-.77			.0	.0	.0									
DELAWARE																													
NORTHERN 01																													
MIDDLETOWN 1 WSW	83.7	60.3	72.0		90	17	43	29	12	23	1	0	0	1.94		.47	9	.0	.0	.0	7	0	0						
NEWARK UNIVERSITY FARM	84.0	60.0	72.0	-1.5	90	17	44	29	9	23	3	0	0	3.85	-.28	1.51	17	.0	.0	.0	8	3	1						
WILMINGTON WSO AP	82.5	61.5	72.0	-2.1	90	5	43	29	14	23	2	0	0	4.68	.70	2.37	17	.0	.0	.0	5	3	1						
WILMGTN PORTER RESVR	80.4	61.7	71.1	-2.3	88	4	43	29	15	21	0	0	0	4.15	-.36	2.08	17	.0	.0	.0	6	2	2						
--DIVISIONAL DATA-->			71.8	-2.1										3.66	-.50			.0	.0	.0									
SOUTHERN 02																													
BRIDGEVILLE 1 NW	83.2	60.2	71.7	-2.5	88	25	42	29	11	22	0	0	0	1.49	-3.37	1.06	6	.0	.0	.0	2	1	1						
DOVER																													
GEORGETOWN 5 SW	82.7	60.3	71.5		98	17	44	29	10	21	1	0	0	2.92		1.67	6	.0	.0	.0	4	2	1						
LEWES	84.2	64.1	74.2		90	17	51	30	2	29	1	0	0	5.87		2.00	6	.0	.0	.0	5	3	3						
MILFORD 2 WSW	84.2	61.4	72.8		90	17	45	29	7	25	1	0	0	1.96		1.03	6	.0	.0	.0	4	2	1						
--DIVISIONAL DATA-->			72.6	-2.0										3.06	-1.76			.0	.0	.0									

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION (INCHES)

MARYLAND AND
DELAWARE
AUGUST 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	1.25															
CRISFIELD, SOMERS COVE	4.47															
PRINCESS ANNE	2.23															
SALISBURY	2.70															
SALISBURY FAA AP	1.51															
SNOW HILL 4 N	4.79															
CENTRAL EASTERN SHORE 02																
CAMBRIDGE WTR TRMT PL	1.16															
DENTON 2 E	3.08															
ROYAL OAK 2 SSW	2.33															
VIENNA	1.67															
LOWER SOUTHERN 03																
LA PLATA 1 W	2.91															
MECHANICSVILLE 1 SE	M															
OWINGS FERRY LANDING	2.95															
PATUXENT RIVER	2.95															
SOLOMONS	2.73															
UPPER SOUTHERN 04																
ANNAPOLIS POLICE BRKS	1.14															
BALTIMORE WSO AP	.95															
BELTSVILLE	1.72															
COLLEGE PARK	1.52															
DALECARLIA RESVR D C	M															
GLENN DALE BELL STN	1.41															
LAUREL 3 W	2.25															
NATIONAL ARBORETUM D C	2.03															
UPPER MARLBORO 3 NNH	1.90															
NORTHERN EASTERN SHORE 05																
CENTREVILLE	1.71															
CHESTERTOWN	.72															
MILLINGTON 2 WNW	.58															
NORTHERN CENTRAL 06																
ABERDEEN PHILLIPS FLD	2.34															
BALTIMORE WSO CI	1.83															
BENSON POLICE BARRACKS	2.68															
BOYDS 2 NW	1.08															
BRIGHTON DAM	2.44															
CATOCTIN MOUNTAIN PARK	1.21															
CLARKSVILLE 3 NNE	2.66															
CONOWINGO DAM	2.84															
DAMASCUS 2 SW	1.86															
EMMITSBURG 2 SE	2.35															
FREDRICK POLICE BRKS	1.19															
FREDRICK 3 E	1.15															
PARKTON 2 SW	1.44															
POTOMAC FILTER PLANT	1.93															
ROCKVILLE 3 NE	.78															
TOWSON	2.87															
UNIONVILLE	.79															
WESTMINSTER POLICE BRK	2.53															
WOODSTOCK	2.44															

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION (CONT)

MARYLAND AND
DELAWARE
AUGUST 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		.07	.19			.02			.19	.05						
CRISFIELD SOMERS COVE		.39	.34	.02		.02	.02	1.40				.21			.20	
PRINCESS ANNE			.05			.03		1.08	.02							
SALISBURY			.74			.02		.30	.01							
SALISBURY FAA AP		.58	.01			.01		.11	.01			T				
SNOW HILL 4 N			.04			.03		1.55				T	T			
CENTRAL EASTERN SHORE 02																
CAMBRIDGE WTR TRMT PL		.42				.02				.01	T					
DENTON 2 E			1.18			T				.02	.03					
ROYAL OAK 2 SSW			.24			.07			.02	.03						
VIENNA			.54			.06		.05		.10						
LOWER SOUTHERN 03																
LA PLATA 1 W			.29			.02				.02						
MECHANICSVILLE 1 SE																
OWINGS FERRY LANDING																
PATUXENT RIVER		1.12	.01			.52		T	.01	.01		T				
SOLOMONS			1.24					.50								
UPPER SOUTHERN 04																
ANNAPOLIS POLICE BRKS			.09			.18										
BALTIMORE WSO AP		.02				.17		T	.01	.13					.08	
BELTSVILLE			.19			.13		T	T	.09						
COLLEGE PARK			.10			.07	.03		.01	.14	T					
DALECARLIA RESVR D C																
GLENN DALE BELL STN			.08			.12			T	.06						
LAUREL 3 W		.14				.32			.02	.04						
NATIONAL ARBORETUM D C		.17				.02				.04						
UPPER MARLBORO 3 NNW			.14			.04	.04			.04						
NORTHERN EASTERN SHORE 05																
CENTREVILLE			.12			.20				.13						
CHESTERTOWN		T	T			.17				.40	T					
MILLINGTON 2 WNW			.01					.22	.03	.30		T				
NORTHERN CENTRAL 06																
ABERDEEN PHILLIPS FLD			.82			.17		.27	.52	.04		T				T
BALTIMORE WSO C1						.02		T		.05						T
BENSON POLICE BARRACKS			.04						.69	.15		T				T
BOYDS 2 NW					.45											T
BRIGHTON DAM						.41				.10						T
CATOCTIN MOUNTAIN PARK			.16			.08		.11	.01	.10						T
CLARKSVILLE 3 NNE			.01			.23		T	T	.01		.01				T
CONOWINGO DAM			T	T		.07		.82	.25	.40		T				T
DAMASCUS 2 SW		.24	T			.44		.05	T	T		T				T
EMMITSBURG 2 SE		1.00				.14		T	.05	T		T				T
FREDERICK POLICE BRKS			.02			.58		.12	T	.05		T				T
FREDERICK 3 E			.07			.57			.05	.03		T				T
PARKTON 2 SW		.11				.01		.48		.16		T				T
POTOMAC FILTER PLANT		.10				.25		T	T	.05		T		.03		.07
ROCKVILLE 3 NE	T									.05		T				
TOWSON			.35			.30		.02	.02	.11						.03
UNIONVILLE		.09				.12		.02			T		T			
WESTMINSTER POLICE BRK			.20			.02			.05	.02		T				
WOODSTOCK			.01			.41		.05	.01	.04		T				T

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION (INCHES)

MARYLAND AND
DELAWARE
AUGUST 1982

STATION	TOTAL	DAY OF MONTH														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
APPALACHIAN MOUNTAIN 07																
CUMBERLAND 2	1.49			.23		.10				.37		.05	.25			
EDGEMONT	1.37			.25		.49				T			.23			
FROSTBURG 2	2.62			T		.55			T	.38	T	.24	.58			
HAGERSTOWN	.70					T			T		.03	.06	.15			
HANCOCK FRUIT LAB	2.94					.32	1.84		.11	T		.18				
ALLEGHENY PLATEAU 08																
MC HENRY 2 NW	4.44			.27		.38			.68	.62	T	.11	.72			
MERRILL	3.08			.06		1.42				.05		.09	.47			
OAKLAND 1 SE	3.19			.07		T			1.17	.26		.24	.16			
SAVAGE RIVER DAM	2.04			.03		.37			T	.12	.03	.01	.32			
DELAWARE																
NORTHERN MIDDLETOWN 1 WSW 01	1.94	.32								.47	.09		.24			
NEWARK UNIVERSITY FARM	3.85	.01								.60	.10	.10	.39			
WILMINGTON WSO AP	4.68								.86	.05		.02	.27			
WILMINGTON PORTER RESVR	4.15								1.30	.13		.25	.05			
SOUTHERN BRIDGEVILLE 1 NW 02	1.49						1.06		.03	.04	.32		.03			
DOVER	M															
GEORGETOWN 5 SW	2.92	.04					1.67	.02	.08	.02	.35	.01	.02			
LEWES	5.87						2.00	.01			1.43		.18			
MILFORD 2 WSW	1.96						1.03			.04	.55		T			

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION (CONT)

MARYLAND AND
DELAWARE
AUGUST 1982

STATION	DAY OF MONTH															
	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
APPALACHIAN MOUNTAIN 07			.02			.07			.27	.08	T		.05			
CUMBERLAND 2			.10			.03			.12	.01	.14					T
EDGEMONT			.12			.14	.09		.23	.22	.04		.03			
FROSTBURG 2		.08	.10		T			.10		.13		.05				
HAGERSTOWN			.08		T	T		.13		.21		.07				
HANCOCK FRUIT LAB																
ALLEGHENY PLATEAU 08			.25			.63	.10		.18	.24	.24		.02			*
MC HENRY 2 NW			.10			.21			.31	.17	.14		.06			
MERRILL			.53			.08		.17	.10	.24		.09	.04			
OAKLAND 1 SE			.48			.34	T		.20	.10			.04		T	
SAVAGE RIVER DAM																
DELAWARE																
NORTHERN 01			.22			.10		.05	.23	.20	T					.02
MIDDLETOWN 1 WSW						.01		.10	.60	.40						.02
NEWARK UNIVERSITY FARM		1.51	.01													
WILMINGTON WSO AP	R	2.37			T	T		.85		.26		T				T
WILMGTN PORTER RESVR		2.08						.10	.05	.19						
SOUTHERN 02																
BRIDGEVILLE 1 NW			T			T			.01							
DOVER																
GEORGETOWN 5 SW		.02	.56			.03			.10	T						
LEWES			1.80			.04		.37	.03	.01						
MILFORD 2 WSW			.20			.02		T	.02	.10						

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES (°F)

MARYLAND AND
DELAWARE
AUGUST 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 70	81 65	81 69	83 70	83 73	79 72	83 71	81 72	84 70	85 70	86 69	73 63	78 59	76 62	78 64	80 67	87 70	84 65	80 63	90 70	87 69	78 59	80 66	81 72	90 62	88 62	78 65	77 69	74 52	72 55	80 60	81 60	81.3	
CRISFIELD SOMERS COVE	MAX 73	85 66	85 70	85 68	87 75	87 78	82 71	83 71	85 69	84 75	83 73	85 72	76 69	81 66	81 64	83 65	83 66	85 66	90 63	90 74	87 73	81 59	78 66	84 72	87 62	87 62	79 65	78 69	77 52	73 55	79 60	83.0		
PRINCESS ANNE	MAX 60	86 58	86 55	89 60	89 69	87 72	81 70	85 64	86 62	88 70	86 68	74 61	81 51	81 59	86 56	85 54	86 64	86 62	85 54	87 62	86 68	78 52	75 57	86 70	87 68	87 52	80 50	79 65	76 45	85 44	82 66	84.0		
SALISBURY	MAX 70	86 63	85 66	86 66	88 71	86 72	81 70	84 68	85 73	85 71	81 70	78 63	80 57	78 61	84 61	83 62	85 65	85 65	84 61	86 67	85 69	83 55	77 67	85 71	87 70	86 57	80 58	78 66	76 48	75 51	83 62	82.9		
SALISBURY FAA AP	MAX 65	87 63	87 68	86 67	90 72	87 72	82 68	85 68	87 74	88 72	83 70	87 60	81 56	76 61	84 60	85 60	88 68	83 65	85 60	88 68	83 60	88 55	83 64	79 71	79 71	87 66	87 55	81 59	81 49	81 50	81 64	83.1		
SNOW HILL 4 N	MAX 70	86 58	85 62	85 63	89 66	84 72	80 71	84 66	86 72	88 71	86 69	72 64	81 53	79 59	84 57	85 57	87 65	85 64	85 56	88 64	85 67	80 52	79 58	85 69	89 66	86 52	82 51	79 66	77 45	75 46	84 57	83.4		
CENTRAL EASTERN SHORE 02																																		
CAMBRIDGE WTR TRMT PL	MAX 67	85 63	85 72	87 64	89 73	86 74	80 69	84 70	87 68	89 70	89 73	80 63	79 56	83 63	83 61	87 60	91 67	91 65	83 59	90 68	89 71	83 59	84 57	86 69	90 72	90 64	87 57	80 68	78 52	75 51	85 62	85.1		
DENTON 2 E	MAX 63	88 57	88 61	91 59	88 67	85 69	82 61	86 63	86 67	88 68	84 64	88 58	81 49	82 54	87 52	87 56	90 63	83 60	84 54	88 63	83 67	77 49	80 59	87 65	89 65	83 50	79 52	80 59	74 39	75 47	85 58	84.3		
ROYAL OAK 2 SSW	MAX 68	85 63	84 67	87 64	86 75	84 71	81 66	84 70	85 73	85 73	84 68	79 62	79 57	82 62	83 60	85 61	86 69	83 64	83 57	86 69	82 68	75 54	80 64	85 67	88 72	83 64	79 60	77 63	74 51	73 61	84 61	82.4		
VIENNA	MAX 65	88 61	88 61	89 61	89 69	88 62	84 67	85 66	88 73	90 70	88 67	79 60	82 55	83 62	87 57	87 69	90 67	85 63	86 57	89 66	89 67	78 53	81 63	88 63	90 63	88 54	80 54	81 64	76 45	76 53	83 62	85.2		
LOWER SOUTHERN 03																																		
LA PLATA 1 W	MAX 66	81 62	81 64	84 65	84 74	84 74	78 70	82 71	84 72	84 72	80 66	76 62	76 57	78 62	81 61	82 61	85 67	78 62	81 58	84 67	79 68	74 55	80 63	83 69	87 71	81 56	76 59	76 64	71 46	73 51	84 63	80.2		
MECHANICSVILLE 1 SE	MAX MIN																																	M
OWINGS FERRY LANDING	MAX MIN																																	M
PATUXENT RIVER	MAX 66	89 65	83 69	86 69	91 74	86 72	83 71	84 70	88 72	89 71	85 69	78 65	82 59	83 66	85 64	83 63	90 64	83 63	85 65	90 64	82 63	75 61	80 70	85 72	92 71	81 63	86 62	80 64	72 53	76 54	86 65	84.0		
SOLOMONS	MAX 69	85 67	85 67	87 69	86 72	90 74	80 70	80 70	86 69	89 69	89 70	85 63	80 61	80 67	83 68	84 65	91 69	82 63	86 65	90 69	84 64	74 60	80 58	85 71	92 72	80 61	85 61	89 61	85 54	82 59	81 65	83 65	83.8	
UPPER SOUTHERN 04																																		
ANNAPOLIS POLICE BRKS	MAX 69	87 64	85 66	88 67	89 75	86 71	83 68	84 73	86 72	88 71	86 70	78 61	79 59	81 64	83 62	86 63	89 70	89 61	84 61	89 61	86 67	77 59	78 68	84 66	91 68	89 60	80 63	79 66	78 53	73 58	84 64	84.0		
BALTIMORE WSO AP	MAX 65	87 63	85 64	89 64	90 73	76 71	84 67	86 71	88 72	89 71	80 62	79 59	81 56	82 58	84 58	87 61	91 64	83 61	87 58	90 64	79 65	73 55	80 66	87 66	92 67	83 56	80 58	80 59	73 55	74 59	89 59	83.6		
BELTSVILLE	MAX 64	83 59	83 62	86 62	90 70	91 70	75 66	82 70	83 69	86 71	88 69	80 59	77 52	80 58	81 55	85 57	86 64	89 57	82 54	86 61	88 64	80 52	76 58	80 64	88 70	88 52	89 53	84 61	79 38	80 53	74 56	83.0		
COLLEGE PARK	MAX 67	83 62	87 67	85 65	91 75	91 71	76 68	83 71	86 74	88 73	89 67	81 61	79 55	80 61	82 58	86 67	88 61	89 67	83 57	87 65	90 67	79 55	78 62	81 68	88 73	91 56	85 56	78 43	79 57	74 57	84 59	83.8		
DALECARLIA RESVR D C	MAX MIN																																	M
GLENN DALE BELL STN	MAX 59	86 58	86 58	88 60	90 68	88 65	89 66	84 64	86 68	87 67	87 60	80 56	80 50	82 58	86 59	86 53	88 62	86 56	84 52	88 59	86 58	77 46	80 56	88 62	89 68	88 47	81 48	80 53	79 41	74 48	86 54	84.6		
LAUREL 3 W	MAX 68	86 69	85 65	89 68	90 70	78 68	82 65	84 70	86 70	87 63	81 63	78 57	78 58	84 62	84 68	86 65	88 65	83 62	85 63	87 70	79 63	82 60	80 69	85 66	87 68	86 60	77 59	78 58	74 47	74 60	82.2			

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES (°F)

MARYLAND AND
DELAWARE
AUGUST 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 MIN	80 58	82 56	84 54	87 57	89 66	87 64	85 66	82 68	84 65	83 61	76 62	75 50	74 46	78 48	82 52	84 51	86 57	85 52	86 49	81 56	80 54	74 45	71 53	84 55	83 63	80 45	76 53	74 54	73 33	72 48	84 55	80.7 54.7	
ALLEGHENY PLATEAU 08 MC HENRY 2 NW	MAX MIN	77 56	74 58	75 57	77 60	80 63	80 64	78 64	82 63	80 62	75 58	73 56	60 40	67 42	70 52	74 53	78 58	80 59	77 52	72 52	76 55	73 55	70 43	70 44	64 57	77 59	70 47	77 48	64 51	65 38	68 39	68 52	73.3 53.5	
OAKLAND 1 SE	MAX MIN	77 53	77 53	80 56	82 56	83 66	82 61	81 62	76 62	70 62	74 61	69 58	70 49	74 44	77 46	79 46	82 49	80 54	77 48	78 44	77 50	72 51	70 38	78 50	78 57	76 62	78 42	78 54	69 55	69 32	72 43	80 59	76.5 52.4	
SAVAGE RIVER DAM	MAX MIN	80 56	76 57	79 58	82 60	84 62	84 63	81 66	82 67	84 64	81 62	78 60	62 51	72 45	76 46	76 47	80 52	82 54	82 51	79 48	80 50	78 55	72 42	72 43	69 53	81 59	76 47	78 48	69 56	69 36	70 46	70 36	76.9 52.9	
DELAWARE NORTHERN 01 MIDDLETOWN 1 MSW	MAX MIN	82 65	85 59	85 62	88 61	88 70	87 72	87 72	85 71	88 61	87 71	86 66	77 59	79 52	80 52	86 58	87 56	90 62	89 60	85 55	88 63	82 66	74 49	80 57	85 65	88 65	85 57	80 55	76 59	73 43	76 49	87 57	83.7 60.3	
NEWARK UNIVERSITY FARM	MAX MIN	85 66	85 62	86 63	90 62	90 70	85 68	86 60	87 66	89 65	86 72	88 63	80 58	80 55	82 54	86 55	88 58	90 60	82 60	85 55	88 61	81 65	75 51	78 58	84 64	87 67	87 56	82 56	76 59	75 44	76 50	86 58	84.0 60.0	
WILMINGTON WSO AP	MAX MIN	85 67	87 64	87 66	90 65	90 73	81 69	82 62	86 70	89 74	89 74	77 61	80 59	79 55	83 56	86 58	88 62	89 65	82 60	82 57	86 64	75 60	71 48	76 61	85 65	89 62	80 55	79 61	75 54	70 43	72 56	86 60	82.5 61.5	
WILMINGTON PORTER RESVR	MAX MIN	83 66	85 67	84 64	88 64	86 71	86 66	78 60	84 67	86 71	85 71	75 58	76 58	82 59	83 61	82 68	86 66	82 71	80 60	83 59	85 67	74 60	72 50	76 57	83 65	85 63	80 57	71 57	74 55	70 43	72 53	81 60	80.4 61.7	
SOUTHERN 02 BRIDGEVILLE 1 NW	MAX MIN	83 66	86 59	86 63	87 62	86 68	84 70	81 65	85 64	85 71	87 69	84 67	77 60	80 53	81 56	86 54	87 55	88 63	84 60	85 55	87 63	82 67	79 50	79 59	86 66	88 65	85 55	80 55	78 60	72 42	75 48	85 56	83.2 60.2	
DOVER	MAX MIN																																	M M
GEORGETOWN 5 SW	MAX MIN	89 68	83 60	86 63	85 63	87 68	86 72	75 67	80 64	84 72	85 70	85 68	86 48	71 56	80 54	80 55	83 57	98 63	88 60	81 57	84 64	86 56	84 51	76 60	80 69	85 62	88 60	89 55	80 54	77 44	70 50	74 58	82.7 60.3	
LEWES	MAX MIN	83 69	86 62	85 66	85 66	88 70	86 69	80 67	84 66	88 73	88 72	87 71	75 63	78 57	82 60	85 59	89 62	90 67	89 63	83 61	88 67	86 69	77 59	83 62	83 70	88 67	88 62	86 57	82 65	77 54	75 51	85 61	84.2 64.1	
MILFORD 2 MSW	MAX MIN	85 67	87 60	86 63	87 63	89 70	87 71	81 65	83 65	87 72	87 70	84 67	77 62	80 55	82 55	84 56	86 57	90 65	87 62	85 56	89 64	87 68	77 53	83 59	86 67	88 67	89 52	81 56	79 61	75 45	75 50	86 60	84.2 61.4	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

EVAPORATION AND WIND

MARYLAND AND
DELAWARE
AUGUST 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																																		
BELTSVILLE	WIND	10	11	11	15	19	18	21	19	25	16	17	33	17	8	8	11	15	16	10	12	29	21	23	26	32	41	20	15	24	25	29	597	
	EVAP	24	13	19	20	18	18	-	34	12	12	26	19	18	*	31	21	18	27	20	21	9	*	57	6	9	28	24	17	21	16	5.89B		
	MAX	90	94	94	95	96	97	78	90	89	92	96	88	88	88	88	97	92	94	92	92	85	85	80	93	93	91	79	89	85	78	89.7		
	MIN	70	67	68	70	70	73	70	71	69	73	69	62	61	64	64	63	65	65	63	65	68	60	60	65	70	60	60	62	49	50	56	64.6	
UPPER MARLBORO 3 NNH	WIND	2	11	6	12	8	12	5	2	10	5	5	34	15	5	5	4	7	14	5	7	11	15	7	11	12	26	3	7	15	5	9	295	
	EVAP	16	22	18	20	22	18	7	13	15	18	22	26	21	16	16	20	21	24	22	25	19	19	18	8	21	28	23	8	28	22	17	5.93	
	MAX	86	89	90	93	94	85	75	89	90	93	95	89	87	87	86	91	93	91	91	92	90	83	82	80	93	89	89	76	87	80	77	87.5	
	MIN	69	68	67	68	69	74	69	69	73	73	72	63	62	63	64	65	65	64	64	64	68	59	59	64	71	59	58	61	49	49	55	64.5	
ALLEGHENY PLATEAU 08																																		
SAVAGE RIVER DAM	WIND	35	34	33	30	22	21	15	18	14	27	33	23	24	27	27	20	20	52	31	25	50	56	23	15	21	63	16	18	77	28	34	932	
	EVAP	8	20	17	5	14	15	22	4	18	11	19	-	25	11	27	21	6	17	37	11	10	9	23	3	10	28	8	14	26	15	-	4.65B	
	MAX	83	82	80	87	84	88	89	89	85	82	81	64	81	82	85	86	88	84	87	86	75	80	80	76	88	80	89	65	79	75	80	81.9	
	MIN	62	61	62	63	65	70	69	71	68	65	63	55	53	53	51	56	61	56	55	55	59	50	51	56	61	54	54	58	45	51	40	57.8	
DELAWARE																																		
NORTHERN 01																																		
NEWARK UNIVERSITY FARM	WIND	19	9	19	10	6	15	11	11	12	16	16	19	17	10	9	13	15	21	11	21	23	12	14	17	25	36	11	25	41	13	10	507	
	EVAP	13	22	18	19	13	12	13	8	23	17	31	10	24	20	17	23	34	13	21	23	11	6	30	14	27	21	14	18	-	-	10	5.58B	
	MAX	93	93	93	95	92	89	93	92	92	93	93	88	88	90	90	91	91	89	91	90	85	84	84	90	91	88	88	84	84	80	86	89.4	
	MIN	68	65	66	68	74	72	65	70	73	74	70	60	61	60	62	63	69	62	62	66	68	63	63	66	71	59	62	61	45	51	59	64.5	
SOUTHERN 02																																		
GEORGETOWN 5 SW	WIND	42	31	23	37	51	*	*	1	54	66	94	40	59	26	37	*	41	44	54	24	40	62	57	32	75	60	73	43	40	109	55	59	1528
	EVAP	21	22	21	22	22	29	4	28	18	25	22	7	16	24	11	29	19	26	24	26	26	21	21	7	13	29	25	19	24	23	13	6.37	
	MAX	77	92	92	93	94	90	75	81	90	91	73	82	81	86	84	83	105	78	90	82	87	86	85	78	77	88	78	84	79	79	78	84.5	
	MIN	69	67	67	66	70	72	69	69	72	71	69	78	63	60	65	64	52	65	65	66	66	60	58	65	70	60	62	56	51	50	54	64.2	

EVAPORATION: IS MEASURED IN HUNDRETHS OF INCHES
 WIND: IS MEASURED IN MILES
 MAX AND MIN: THE MAXIMUM AND MINIMUM TEMPERATURES (FAHRENHEIT) OF THE WATER IN THE EVAPORATION PAN
 SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

MARYLAND AND
DELAWARE
AUGUST 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	0015	06	HARFORD	39 28	76 10W	57	16	16		C	H	ROSS AVIATION INC		
ANNAPOLIS POLICE BRKS	0193	04	ANNE ARUNDEL	38 59	76 30W	25	17	17			H	ANNAPOLIS POLICE BRKS		
ASSATEAGUE STATE PARK	0335	01	WORCESTER	38 14	75 8W	7	17	17			H	ASSATEAGUE STATE PARK		
BALTIMORE WSO AP	0465	04	ANNE ARUNDEL	39 11	76 40W	196	MID	MID			C	NATL WEATHER SERVICE		
BALTIMORE WSO CI	0470	06	BALTO CITY	39 17	76 37W	91	MID	MID			C	OCMI COMMANDING OFFICER		
BELTSVILLE	0700	04	PRN GEORGES	39 22	76 53W	120	8	8			B	US DEPT OF AGRICULTURE		
BENSON POLICE BARRACKS	0732	06	HARFORD	39 30	76 23W	365	17	17				MARYLAND STATE POLICE		
BOYDS 2 NW	1032	06	MONTGOMERY	39 13	77 20W	580	18	18				HUNTER F STALEY		
BRIGHTON DAM	1125	06	MONTGOMERY	39 12	77 1W	330		MID				WASH SUB SANY COMM		
CAMBRIDGE WTR TRMT PL	1385	02	DORCHESTER	38 34	76 4W	5	16	16				WASTEWATER TRMT PLANT		
CATOCTIN MOUNTAIN PARK	1530	06	FREDERICK	39 39	77 29W	1610	17	17			C	CATOCTIN MOUNTAIN PARK		
CENTREVILLE	1627	05	QUEEN ANNES	39 3	76 4W	60	17	17				MICHAEL B CATE		
CHESTERTOWN	1750	05	KENT	39 13	76 4W	40	23	23				THOMAS W ELIASON JR		
CLARKSVILLE 3 NNE	1862	06	HOWARD	39 15	76 56W	365	17	17				UNIVERSITY OF MARYLAND		
COLLEGE PARK	1995	04	PRN GEORGES	38 59	76 57W	90	9	9			C	UNIVERSITY OF MARYLAND		
CONOWINGO DAM	2060	06	HARFORD	39 39	76 10W	40	MID	MID				SUSQUEHANNA ELECTRIC CO		
CRISFIELD SOMERS COVE	2215	01	SOMERSET	37 59	75 52W	8	17	17				SOMERS COVE MARINA		
CUMBERLAND 2	2282	07	ALLEGANY	39 38	78 45W	700	18	7				TIMOTHY B THOMAS		
DALECARLIA RESVR D C	2325	04		38 56	77 7W	146	17	17				US CORPS OF ENGINEERS		
DAMASCUS 2 SW	2335	06	MONTGOMERY	39 16	77 14W	720	19	19				RICHARD W SCHWERDT		
DENTON 2 E	2523	02	CAROLINE	38 53	75 48W	50	17	17				ARTHUR REINHOLD		
EDGEMONT	2770	07	WASHINGTON	39 40	77 33W	905	7	7				JOHN W HARNE		
EMMITSBURG 2 SE	2906	06	FREDERICK	39 41	77 18W	416	17	17				MRS LUCILLE K BEALE		
FREDRICK POLICE BRKS	3348	06	FREDERICK	39 25	77 26W	380	17	17				MARYLAND STATE POLICE		
FREDERICK 3 E	3355	06	FREDERICK	39 24	77 22W	385	7	7				MISS I MARY STALEY		
FROSTBURG 2	3415	07	ALLEGANY	39 40	78 56W	2170	7	7				LEE K CLOSE		
GLENN DALE BELL STN	3675	04	PRN GEORGES	38 58	76 48W	150	16	16				USDA PLT INTRODUCT STN		
HAGERSTOWN	3975	07	WASHINGTON	39 39	77 44W	660	18	18				HAGERSTOWN RESERVOIR		
HANCOCK FRUIT LAB	4030	07	WASHINGTON	39 42	78 11W	428	16	16			C	H	SHARPSBURG RESEARCH C	
LA PLATA 1 W	5080	03	CHARLES	38 32	77 0W	140	18	18				C	RUSSELL LEVERING	
LAUREL 3 W	5111	04	PRN GEORGES	39 6	76 54W	400	MID	MID				WASH SUB SANY COMM		
MC HENRY 2 NW	5832	08	GARRETT	39 39	79 22W	2680	8	8			C	H	JOSEPH F JOHENNING	
MECHANICSVILLE 1 SE	5865	03	ST MARYS	38 26	76 43W	160	17	17				MRS EDITH R BENNETT		
MERRILL	5894	08	GARRETT	39 36	79 5W	1790	9	9				DELWOOD E MERRILL		
MILLINGTON 2 MNW	5985	05	KENT	39 16	75 52W	30	17	17				MRS GERALDINE CONNOLLEY		
NATIONAL ARBORETUM D C	6350	04		38 54	76 59W	50	8	8				US NATL ARBORETUM		
OAKLAND 1 SE	6620	08	GARRETT	39 24	79 24W	2420	17	17				MS CARA M WEBER		
OWINGS FERRY LANDING	6770	03	CALVERT	38 41	76 40W	160	17	17				JAMES E BOURNE JR		
PARKTON 2 SW	6844	06	BALTIMORE	39 38	76 42W	600	23	23				C	H	JOHN R FOX
PATUXENT RIVER	6915	03	ST MARY'S	38 20	76 25W	38	MID	MID				C	NAVAL WEATHER SERVICE	
POTOMAC FILTER PLANT	7272	06	MONTGOMERY	39 2	77 15W	270		MID					POTOMAC WATER FILT PLT	
PRINCESS ANNE	7330	01	SOMERSET	38 13	75 41W	20	17	17				H	MARYLAND ST COLLEGE FRM	
ROCKVILLE 3 NE	7705	06	MONTGOMERY	39 7	77 6W	400	16	16				H	MD NATL CAPITAL PARK	
ROYAL OAK 2 SSW	7806	02	TALBOT	38 43	76 11W	10	18	18				H	JOHN L SHWAIN JR	
SALISBURY	8000	01	WICOMICO	38 22	75 35W	10	17	17					CITY OF SALISBURY	
SALISBURY FAA AP	8005	01	WICOMICO	38 20	75 31W	48	MID	MID					FAA	
SAVAGE RIVER DAM	8065	08	GARRETT	39 31	79 8W	1495	8	8			B	C	US CORPS OF ENGINEERS	
SNOW HILL 4 N	8380	01	WORCESTER	38 14	75 23W	28	18	18				H	CURTIS E SHOCKLEY	
SOLOMONS	8405	03	CALVERT	38 19	76 27W	12	8	8					CHESAPEAKE BIOL LAB	
TOWSON	8877	06	BALTIMORE	39 23	76 34W	390	18	18					BENDIX FRIEZ	
UNIONVILLE	9030	06	FREDERICK	39 27	77 11W	430	18	18				C	H	GEORGE P VON EIFF JR
UPPER MARLBORO 3 NNW	9070	04	PRN GEORGES	38 52	76 47W	98	8	8			B	H	TOBACCO EXP FARM	
VIENNA	9140	02	DORCHESTER	38 29	75 50W	12	18	18				H	DELMARVA POWER & LIGHT	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

MARYLAND AND
DELAWARE
AUGUST 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	944006 975006	09 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 BRIDGEVILLE 1 NW DOVER GEORGETOWN 5 SW LEWES MIDDLETOWN 1 WSW MILFORD 2 WSW NEWARK UNIVERSITY FARM	13300 27300 35700 53200 58520 59150 64100	02 02 02 02 01 02 01	SUSSEX KENT SUSSEX SUSSEX NEW CASTLE SUSSEX NEW CASTLE	38 45 39 9 38 38 38 46 39 26 38 54 39 40	75 37W 75 31W 75 27W 75 8W 75 45W 75 28W 75 44W	50 30 45 15 60 30 90	17 17 8 17 16 17 17	17 17 8 17 16 17 17		8C H H H H H 17C	WILLIAM M RAY STATE DIV OF HIGHWAYS UNIV OF DEL SUBSTATION BOARD OF PUBLIC WORKS PIONEER HIBRED CORN CO MRS BERNARD FRANKEL UNIV OF DELAWARE
WILMINGTON WSO AP WILMINGTON PORTER RESVR	R 95950 96050	01 01	NEW CASTLE NEW CASTLE	39 40 39 46	75 36W 75 32W	79 274	MID MID	MID MID		C H J H	NATL WEATHER SERVICE WATER DEPARTMENT

SEE REFERENCE NOTES FOLLOWING STATION INDEX

REFERENCE NOTES

MARYLAND AND
DELAWARE
AUGUST 1982

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

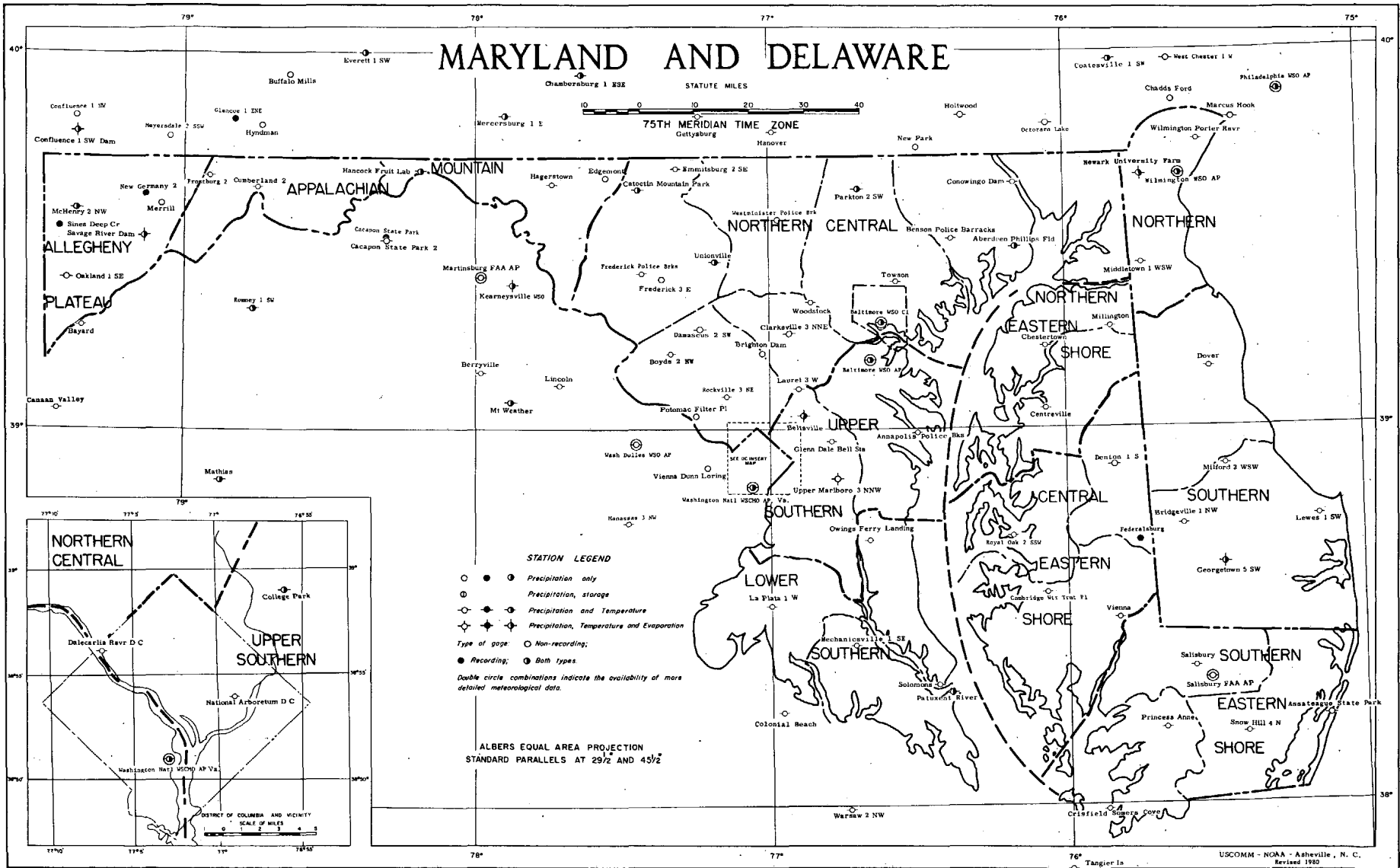
- AR Observation made "after rain" has occurred.
- C Station is equipped with recording rain gage (R) but values in this bulletin are from a non-recording gage unless indicated by an R.
- G Observations appear in "Soil Temperatures" table.
- J Station also published as a Local Climatological Data publication.
- 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:
THE NATIONAL CLIMATIC CENTER, FEDERAL BUILDING, ASHEVILLE N.C. 28801
ATTN: PUBLICATIONS



MARYLAND AND DELAWARE

STATUTE MILES
0 10 20 30 40

75TH MERIDIAN TIME ZONE
Gettysburg Hanover New Park

STATION LEGEND

- ● ● Precipitation only
- ⊙ Precipitation, storage
- ⊖ ⊕ Precipitation and Temperature
- ⊕ ⊖ Precipitation, Temperature and Evaporation
- Type of gage ○ Non-recording;
- Recording; ● Both types.

Dable circle combinations indicate the availability of more detailed meteorological data.

ALBERS EQUAL AREA PROJECTION
STANDARD PARALLELS AT 29°2' AND 43°2'

USCOMM - NOAA - Asheville, N. C.
Revised 1980

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.

The collage features several overlapping covers of climate data publications. Visible titles include:

- Local Climatological Data**: Annual Summary With Comparative Data 1980, CHICAGO, ILLINOIS, O'HARE INTERNATIONAL AIRPORT.
- Local Climatological Data**: CHICAGO, ILLINOIS, O'HARE INTERNATIONAL AIRPORT.
- Comparative Climatic Data**: For the United States 1980.
- CLIMATOLOGICAL DATA**: ANNUAL SUMMARY.
- Climatological Data**: CALIFORNIA, TEMPERATURE AND PRECIPITATION EXTREMES.
- STORM DATA**.
- HOURLY PRECIPITATION DATA**: ANNUAL SUMMARY, JANUARY 1981.
- Hourly Precipitation Data**: JANUARY 1981.

A WORLD OF INFORMATION!

For

- * Industry
- * Research & Development
- * Public Utilities
- * Governmental Agencies
- * Attorneys
- * Construction
- * Consultants
- * Insurance Companies
- * Colleges & Universities
- * Solar Energy

FOR MORE INFORMATION WRITE,
PRINTING AND PUBLICATIONS
DISTRIBUTION SECTION
NATIONAL CLIMATIC CENTER
ASHEVILLE, N.C. 28801

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

POSTAGE AND FEES PAID
U.S. DEPARTMENT OF COMMERCE

COM 210
THIRD CLASS
BULK RATE

