

Climatological Data



MARYLAND AND DELAWARE

TEMPERATURE AND PRECIPITATION EXTREMES

HIGHEST TEMPERATURE:	LEWES	DEL.	92	DATE 26
LOWEST TEMPERATURE:	OAKLAND 1 SE	MD.	25	DATE 03
GREATEST TOTAL PRECIPITATION:	FROSTBURG 2	MD.	6.84	
LEAST TOTAL PRECIPITATION:	PRINCESS ANNE	MD.	3.11	
GREATEST 1 DAY PRECIPITATION:	FROSTBURG 2	MD.	3.04	DATE 29

SUPPLEMENTAL DATA

	WIND (SPEED - M.P.H.)						RELATIVE HUMIDITY AVERAGES- PERCENT				NUMBER OF DAYS WITH PRECIPITATION							PERCENT OF POSSIBLE SUNSHINE AVERAGE (TENTHS)	SKY COVER SUNRISE TO SUNSET
	RESULTANT DIRECTION	RESULTANT SPEED	AVERAGE	FASTEST MILE	DIRECTION OF FASTEST MILE	DATE OF FASTEST MILE	STANDARD OF TIME EASTERN				TRACE	.01-.09	.10-.49	.50-.99	1.00-1.99 AND OVER	TOTAL			
							01	07	13	19									
BALTIMORE WSO AP MD	30	1.5	8.3	26	NW	16	78	73	52	60	2	2	7	0	1	0	12	61	6.3
WILMINGTON WSO AP DEL	26	0.9	9.5	23++	16	11	76	70	49	60	2	4	2	2	1	1	12	-	6.4

I CERTIFY THAT THIS IS AN OFFICIAL PUBLICATION OF THE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION AND IS COMPILED FROM RECORDS ON FILE AT THE NATIONAL CLIMATIC CENTER, ASHEVILLE, NORTH CAROLINA 28801.

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NATIONAL CLIMATIC CENTER

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

MARYLAND AND DELAWARE
MAY 1981

STATION	TEMPERATURE											PRECIPITATION										
	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			
									32° OR BELOW	32° OR BELOW	32° OR BELOW	32° OR BELOW				TOTAL	TOTAL	MAX. DEPTH ON GROUND	DATE	.10 OR MORE	.50 OR MORE	1.00 OR MORE
MARYLAND																						
* * * SOUTHERN EASTERN SHORE 01																						
ASSATEAGUE STATE PARK	68.8	52.4	60.6		86 31	45 3	159	31	0	0	0	0	3.18		1.06	19	.0	0	7	2	1	
CRISFIELD SOMERS COVE	72.3M	54.8M	63.6M	- 3.1	86 26	42 8	120	80	0	0	0	0	3.98	.63	2.10	19	.0	0	7	3	1	
PRINCESS ANNE	74.2	49.8	62.0		89 25	30 8	136	49	0	0	1	0	3.11		.87	19	.0	0	6	2	0	
SALISBURY	74.0	51.6	62.8	- 2.5	89 25	36 8	127	68	0	0	0	0	3.63	.45	1.01	11	.0	0	6	4	1	
SALISBURY FAA AP	72.4	50.6	61.5		89 25	34 8	155	52	0	0	0	0	3.91		.97	11	.0	0	6	4	0	
SNOW HILL 4 N	73.6	51.0	62.3	- 1.5	89 25	32 8	137	60	0	0	1	0	3.86	.43	1.23	16	.0	0	6	4	1	
DIVISION																						
			62.1	- 2.3									3.61	.41			.0					
* * * CENTRAL EASTERN SHORE 02																						
CAMBRIDGE WTR TRMT PL	74.6	54.0	64.3		88 26+	40 8	99	84	0	0	0	0	5.83	2.25	1.91	11	.0	0	9	4	1	
DENTON 2 E	74.7	50.6	62.7	- 2.2	89 25	32 8	133	69	0	0	1	0	5.65	2.00	1.26	11	.0	0	7	5	1	
ROYAL OAK 2 SSM	72.2	53.8	63.0		85 26+	37 8	123	67	0	0	0	0	4.85		1.26	11	.0	0	7	5	1	
VIENNA	75.4	52.1M	63.8M		89 26+	38 8	115	92	0	0	0	0	4.82		1.77	16	.0	0	7	5	1	
DIVISION																						
			63.5	- 1.4									5.29	1.70			.0					
* * * LOWER SOUTHERN 03																						
LA PLATA 1 W	72.2M	50.8	61.5M	- 3.2	86 25	36 8	161	48	0	0	0	0	3.95	.50	1.11	11	.0	0	8	3	1	
MECHANICSVILLE 1 SE	74.9	50.6	62.8		89 26+	35 8	133	69	0	0	0	0	5.62		1.04	11	.0	0	10	6	1	
OWINGS FERRY LANDING	74.1	50.8	62.5	- 2.4	89 26	35 8	129	58	0	0	0	0	6.10	2.40	1.90	15	.0	0	7	4	2	
PATUXENT RIVER	72.4	53.9	63.2		88 26	42 8	116	69	0	0	0	0	4.88		1.17	28	.0	0	7	4	2	
SOLOMONS																						
DIVISION																						
			62.5	- 2.5									5.14	1.68			.0					
* * * UPPER SOUTHERN 04																						
ANNAPOLIS POLICE BRKS	74.1	54.0M	64.1M	- .2	86 23+	41 9	94	82	0	0	0	0	4.22	.70	.77	15	.0	0	9	5	0	
BALTIMORE HSO AP	73.2	51.2	62.2	- 1.5	89 25	41 7+	148	69	1	0	0	0	3.63	.02	1.39	1	.0	0	8	1	1	
BELTSVILLE	71.7M	49.4M	60.6M		88 26	35 9+	191	60	0	0	0	0	5.28		1.38	16	.0	0	10	3	2	
COLLEGE PARK	73.3	52.0	62.7	- 2.1	91 26	34 4	145	78	1	0	0	0	5.21	1.33	1.29	16	.0	0	9	4	2	
DALECARLIA RESVR D C	75.9	50.6	63.3		91 25	36 4	130	82	2	0	0	0	3.89		.88	1	.0	0	11	4	0	
GLENN DALE BELL STA	75.1	47.6	61.4	- 2.4	90 25	33 8	168	62	1	0	0	0	4.27	.30	.74	28	.0	0	9	5	0	
LAUREL 3 W	73.1	53.2	63.2		90 25	42 7	132	81	1	0	0	0	4.89		1.20	1	.0	0	10	4	2	
NATIONAL ARBORETUM D C	72.9	51.2	62.1		89 26	39 8	154	71	0	0	0	0	4.61		1.02	2	.0	0	10	3	1	
UPPER MARLBORO 3 NNW	72.5	49.3	60.9		90 26	34 8	181	60	1	0	0	0	4.60		.97	2	.0	0	11	3	0	
DIVISION																						
			62.3	- 1.7									4.51	.80			.0					
* * * NORTHERN EASTERN SHORE 05																						
CENTREVILLE	75.4	51.7	63.6		88 25	35 8	115	76	0	0	0	0	6.34		1.89	2	.0	0	8	4	2	
CHESTERTOWN	73.9	51.6	62.8	- 1.4	87 25	37 8	128	65	0	0	0	0	5.38	1.49	1.71	11	.0	0	6	4	3	
MILLINGTON 2 WNW	73.4M	49.9M	61.7M	- 1.9	88 25	32 8	156	60	0	0	1	0	4.81	1.27	1.64	11	.0	0	6	4	1	
DIVISION																						
			62.7	- 1.3									5.51	1.77			.0					
* * * NORTHERN CENTRAL 06																						
ABERDEEN PHILLIPS FLD	73.9	52.1	63.0		86 26+	39 8	126	72	0	0	0	0	3.52		.92	11	.0	0			0	
BALTIMORE HSO CI	74.5	57.5	66.0	- .3	90 25	46 7	85	123	1	0	0	0							11	2	0	
BENSON POLICE BARRACKS	75.9	50.4	63.2		88 26	37 9	117	67	0	0	0	0	3.52		.88	11	.0	0	12	5	1	
BOYDS 2 NW	73.6	51.1	62.4		87 25	37 8	141	67	0	0	0	0	5.22		1.00	1	.0	0	10	3	1	
CATOCTIN MOUNTAIN PARK	71.1	49.7	60.4		85 25	36 6	177	43	0	0	0	0	3.79		.74	11	.0	0	12	5	1	
CLARKSVILLE 3 NNE	74.1	47.3	60.7		89 26+	31 9+	183	55	0	2	0	0	5.42		1.08	15	.0	0	9	6	1	
CONDONGO DAM	74.2M	45.4M	59.8M	- 2.3	86 25+	32 7	181	33	0	1	0	0	3.80	-.29	1.06	15	.0	0	8	3	2	
DAMASCUS 2 SW	70.9	50.0	60.5		87 25	35 8	184	50	0	0	0	0	4.05		1.01	1	.0	0	8	2	1	
EMMITSBURG 2 SE	74.1	47.3	60.7		87 25	31 9	168	42	0	0	1	0	3.46		1.10	28	.0	0	9	3	1	
FREDRICK POLICE BRKS	75.4	52.5	64.0		89 26+	39 9+	117	90	0	0	0	0	3.20		.59	1	.0	0	8	1	0	
PARKTON 2 SW	70.9	46.8	58.9		87 25	33 8	216	31	0	0	0	0	5.81		1.30	15	.0	0	9	5	1	
ROCKVILLE 3 NE	76.3	45.4M	60.9M		87 25	34 9	161	45	0	0	0	0	4.25		1.35	15	.0	0	6	3	2	
TOHSON																						
UNIONVILLE	73.5	46.2	59.9	- 1.3	88 25	29 8	194	42	0	0	3	0	3.85	-.01	.77	31	.0	0	8	3	0	
WESTMINSTER POLICE BRK	73.5	51.1	62.3		87 25	38 9+	145	73	0	0	0	0	4.63		.89	11	.0	0	10	4	0	
WOODSTOCK	74.0	49.4	61.7	- 1.1	89 25	35 9	148	55	0	0	0	0	6.62	2.79	1.88	28	.0	0	10	6	2	
DIVISION																						
			61.6	- 1.3									4.37	.49			.0					
* * * APPALACHIAN MOUNTAIN 07																						
CUMBERLAND 2	77.0	47.0	62.0		90 25	33 6	143	58	1	0	0	0	3.77		.83	12	.0	0	10	3	0	
FROSTBURG 2	66.2	43.6	54.9		81 26	31 8	309	6	0	0	2	0	6.84		3.04	29	.0	0	12	4	1	
HAGERSTOWN	74.6	50.6	62.6		89 25	36 3	134	67	0	0	0	0	3.44		.98	12	.0	0	8	3	0	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

MARYLAND AND DELAWARE
MAY 1981

STATION	TEMPERATURE													PRECIPITATION											
	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						
									MAX.	MIN.	30° OR ABOVE	32° OR BELOW				33° OR BELOW	34° OR BELOW	TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY DATE	TOTAL	MAX. DEPTH ON GROUND	DATE	.10 OR MORE	.50 OR MORE
HANCOCK FRUIT LAB DIVISION	74.1	47.4	60.8		86 25	29 8	170	44	0	0	3	0	3.77	.27	.72 29	.0	0		8	4	0				
*** ALLEGHENY PLATEAU 08			60.1	- 2.0									4.46	.81		.0									
MC HENRY 2 NH	65.0	44.4	54.7		82 25	28 8+	327	14	0	0	4	0	5.15		.93 19	.0	0		13	4	0				
OAKLAND 1 SE	69.2	42.3	55.8	- .9	81 24	35 8+	284	0	0	0	7	0	5.36	.90	1.09 19	.0	0		10	5	1				
SAVAGE RIVER DAM DIVISION	68.1	44.4	56.3		83 26+	30 8+	278	15	0	0	3	0	5.36		1.20 12	.0	0		10	4	1				
			55.6	- 1.2									5.30	1.05		.0									

SEE REFERENCE NOTES FOLLOWING STATION INDEX

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

MARYLAND AND DELAWARE
MAY
1981

STATION	TEMPERATURE													PRECIPITATION														
	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				
											MAX.		MIN.		TOTAL	DEPARTURE FROM NORMAL					GREATEST DAY	DATE	TOTAL	MAX. DEPTH ON GROUND	DATE	.10 OR MORE	.50 OR MORE	1.00 OR MORE
											34° OR ABOVE	32° OR BELOW	32° OR ABOVE	30° OR BELOW														
DELAWARE																												
* * *																												
NORTHERN 01																												
MIDDLETOWN 1 WSH	73.8	52.0	62.9		89	25	37	8	134	77	0	0	0	0	0	0	0	0	4.40		1.42	16	.0	0	0	6	4	1
NEWARK UNIVERSITY FARM	75.1	50.8	63.0	.3	88	26+	36	8	129	72	0	0	0	0	0	0	0	0	5.55	1.87	1.81	16	.0	0	0	6	4	2
WILMINGTON WSD AP	73.5	51.4	62.5	.1	86	25	38	8	135	72	0	0	0	0	0	0	0	0	5.05	1.70	2.00	11	.0	0	0	6	4	2
WILMINGTON PORTER RESVR	72.1	51.7	61.9	.0	85	25	42	7	145	56	0	0	0	0	0	0	0	0	6.17	2.47	2.51	11	.0	0	0	6	4	3
DIVISION																												
* * *																												
SOUTHERN 02																												
BRIDGEVILLE 1 NW	73.4	50.9	62.2	- 1.5	88	25	34	8	149	66	0	0	0	0	0	0	0	0	5.26	1.94	2.09	16	.0	0	0	7	5	1
DOVER	73.6	52.0	62.8	- 1.6	88	25	36	8	144	83	0	0	0	0	0	0	0	0	4.44	.73	1.22	11	.0	0	0	8	4	1
GEORGETOWN 5 SW	71.7	49.8	60.8		89	26	33	8	178	54	0	0	0	0	0	0	0	0	5.18		1.34	16	.0	0	0	8	4	1
LEWES	73.9	52.9	63.4		92	26	35	8	123	82	0	0	0	0	0	0	0	0	5.30		1.33	16	.0	0	0	8	4	1
MILFORD 2 WSH	74.7	50.6	62.7		90	25	33	8	129	72	0	0	0	0	0	0	0	0	5.81		2.23	16	.0	0	0	8	4	1
DIVISION																												
* * *																												

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION

MARYLAND AND DELAWARE
MAY
1981

STATION	TOTAL	DAY OF MONTH																																
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
MARYLAND																																		
* * * SOUTHERN EASTERN SHORE																																		
ASSATEGUE STATE PARK	3.18		.28	.06				.15			.41				.02	.67			1.06	.20									.31		.02			
CRISFIELD SOMERS COVE	3.38		.19					.01			.10	.60							2.10	.11									.57	.30				
PRINCESS ANNE	3.11		.29								.07	.78			.04		.24		.87	.05									.30	.47				
SALISBURY	3.63		.03	.36		T	T			.08	1.01					.59		.64	.05									.58	.29					
SALISBURY FAA AP	3.91		.24	.07							.04	.97				.64		.21	.81	T									.93					
SNDW HILL 4 N	3.86		.05	.21		T	T				.03	.70				1.23			.92	T									.50	.22				
* * * CENTRAL EASTERN SHORE																																		
CAMBRIDGE WTR TRMT PL	5.83		.39								.43	1.53				2.00			.57	.09									.61	.21				
DENTON 2 E	5.65		.43	.45							.26	.91	.56			.67	.28			.66	.05									.39	.04			
ROYAL OAK 2 SSM	4.85		.58	.43							.07	1.26	.31			.74	.04		.02	.73	.05									.53	.09			
VIENNA	4.82		.63								.33	.24	.03			.50	1.77			.62									.70					
* * * LOWER SOUTHERN																																		
LA PLATA 1 W	3.95		.47	T			.04				.11	1.11	.37			.36	T	T	.73	.04									.52	.16	.04	T		
MECHANICSVILLE 1 SE	5.62		.98	.10							.13	1.04	.60			.72	T		.82	.12									.88	.08	.05			
OKINGS FERRY LANDING	6.10		.35	.15			T	T			.07	.69	.05			1.90			.59	.40									1.63		.27			
PATUXENT RIVER	4.88		.35	.02			.01	T			.26	1.12	T						.74	.02						T			1.17					
SOLDMANS			.14	*		*	*	.25			1.35	.76			.02				1.50	.32									.80	.50				
* * * UPPER SOUTHERN																																		
ANNAPOLIS POLICE BRKS	4.22		.21	.68							.04	.70	.23			.77	.04	T	.52	.02									.59	.29	.13			
BALTIMORE WSD AP	3.63		1.39	T			T				.21	.40	.16			.47			.33	.12									.49	.04	.10			
BELTSVILLE	5.28		.08	1.12				.02			.01	.47	.57			.11	1.38		.04	.32	.28									.07	.48	.10		
COLLEGE PARK	5.21		.07	1.01							.08	.29	.66			.12	1.29			.33	.26									.07	.57	.02		
DALECARLIA RESVR D C	3.89		.88	.18	.01						.12	.61	.14			.55	.17		.01	.57	.07									.15	.10	.31		
GLENN DALE BELL STA	4.27		.34	.55			T				.05	.73	.23			.58			.74	.07									.35	.05	.20			
LAUREL 3 W	4.89		1.20	.10			T				.56	.53	.30			1.10		T	.40	.07									.09	.21	.06			
NATIONAL ARBORETUM D C	4.67		.16	1.02				.02			.37	.66			.17	.85	.10	T	.20	.30									.18	.42	.17			
UPPER MARLBORO 3 NW	4.60		.17	.97							.32	.80			.11	.83			.33	.30														
* * * NORTHERN EASTERN SHORE																																		
CENTREVILLE	6.34		.15	1.89			T				.03	1.73	.32			.18	.81		.02	.49	.03									.67	.02			
CHESTERTOWN	5.38		1.40	.12			.01				.09	1.71	.07			1.09		.07	.29	.01									.51	.01	.01			
MILLINGTON 2 NW	4.81		.67	.62			.02				.06	1.64	.31			.83	.02	T	.28	.01														
* * * NORTHERN CENTRAL																																		
ABERDEEN PHILLIPS FLD	3.52		.11	*		.70	T				.92	.29			.33	*	*	.57	.11	.09									.29	.04	.07			
BALTIMORE WSD C1	3.52		.16	.84			.01				.08	.88	.17			.15	.35			.14	.11									.40	.13	.10		
BENSON POLICE BARRACKS	5.22		1.00	.15			.05				.10	.69	.12			.34	.61		.05	.50	.36									.40	.15	.70		
BOYDS 2 NW	4.93		1.50								.26	.60	T			1.50			.48									.38	.05	.16				
BRIGHTON DAM	3.79		.22	.35			.11				.05	.74	.36			.19			.26	.01									.71	.68	.10			
CATOCTIN MOUNTAIN PARK	5.42		.78	.64			.01				.07	.85	.06			1.08	.11		.02	.42	.01									.50	.60	.24		
CLARKSVILLE 3 NNE	3.80		1.00	.04			.03				.37	.69	.08			1.06	.03	T	.13	.02									.11	.15	.12			
CONWINGO DAM	4.05		1.01	.03			.12	T			.09	.71	.05			.48			.40	.02									.18	.44	.46			
DAMASCUS 2 SW	3.46		.30	.06			.05				.10	.75	.54			.10	.02		.15	.02									1.10	.15	.14			
EMMITSBURG 2 SE	3.20		.59	.08			.08	.02			.07	.32	.27			.16	.46	T	.39	T									.37	.08	.31			
FREDERICK POLICE BRKS	3.40		.40	.78			.09				T	.25	.45			.03	.35		.23	.21									.07	.18	.32			
FREDERICK 3 E	5.81		.88	.10			.06				.34	.68	.07			1.30			.21	.05									.88	.98	.05			
PARKTON 2 SW	4.10		1.46	.01			T				.57	.38			.34			.12	.39	.04									.52	.14	.17			
POTOMAC FILTER PLANT	4.25		1.15	.25			.02	.04			T	.48	T			1.35			.57									.38	.01					
ROCKVILLE 3 NE																																		
* * * TOWSON																																		
UNIONVILLE	3.85		.61	.06			.07	.07			.11	.59	.08			.37	.33		.04	.36									.35	.04	.77			
NORTHMINSTER POLICE BRK	4.63		.33	.65			.07				.05	.89	.11			.64	.45	T	.29	.05									.42	.23	.50			
WOODSTOCK	6.62		.52	.58			T	.03			.10	.79	.08			1.00	.07		.03	.39	.03									1.88	.22	.50		
* * * APPALACHIAN MOUNTAIN																																		
CUMBERLAND 2	3.77		.50				.07	.03			.06	.83			.16	.25			.40	.16									.12	.66	.03	.32		
EDGEHONT	3.59		.80				.15				.49	.69			.21	.09			.14	.12									.18	.03	.24	.25		
FROSTBURG 2	6.84		T	.58			.03	.12			.24	.87			.02	.21		.20	T	.50	.29							.05	.22	.18	3.04	.03	.28	
HAGERSTOWN	3.44		.68				.08				.05	.28	.98			.17			.33	.29									.57	.13	.15			
HANCOCK FRUIT LAB	3.77		.53				.07				.52	.58			.37			.29										.05	.01	.38	.72	.25		
* * * ALLEGHENY PLATEAU																																		
MC HENRY 2 NW	5.15	T	.56				.05	.15			.10	.42			.02	.73		.12	.02	T	.93	.33							.02	.75	.17	.19	.15	.44
MERRILL	4.93		.59				.14	.05			.12	.05			T	.42		.04	.01	.66	.26									.59	.32	.06	.45	
OAKLAND 1 SE	5.38		.98				.18	.03			.41	.04			.68	.06	T	.22	1.09	.01									.17	.50	.17	.02	.82	
SAVAGE RIVER DAM	5.36	T	.64				.09	.06			.12	1.20			T	.48		.03	T	.01	.79	.29									.40	.55	.08	.42

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MARYLAND																																		
* * *																																		
SOUTHERN EASTERN SHORE 01																																		
ASSATEAGUE STATE PARK	MAX MIN	59 46	58 47	67 45	74 47	75 49	59 48	63 47	60 47	62 51	60 52	62 56	71 55	69 48	66 54	68 57	81 56	71 53	64 51	56 47	64 46	65 47	76 47	77 52	73 55	80 55	80 61	74 59	68 58	68 60	78 63	86 64	68.8 52.4	
CRISFIELD SOMERS COVE	MAX MIN	60 50	60 48	65 43	70 45	72 52	66 50	63 46	66 42	72 46	69 55	72 62	70 58	68 53	77 56		72 55	72 60	60 45	68 48	72 52		81 47	79 62	82 66	86 67	82 65	78 63	78 64	82 66	82 72	72.3 54.8		
PRINCESS ANNE	MAX MIN	66 42	61 48	68 43	75 34	76 50	70 48	67 46	66 30	72 41	69 54	71 60	70 56	80 39	79 50	79 52	72 54	73 45	61 47	68 44	71 47	83 39	81 46	81 49	89 48	88 64	80 66	75 65	77 59	82 59	80 66	74.2 49.8		
SALISBURY	MAX MIN	64 46	67 47	68 43	69 42	65 41	71 49	68 45	65 36	71 43	68 53	70 59	70 58	80 45	78 52	61 61	74 51	72 51	59 46	68 45	73 49	84 45	84 48	83 50	89 51	87 67	84 62	76 62	78 63	84 61	84 67	74.0 51.6		
SALISBURY FAA AP	MAX MIN	64 45	56 45	69 43	77 41	62 51	70 50	64 37	64 34	70 42	69 55	69 61	69 50	70 41	81 51	78 58	68 45	72 52	63 48	54 45	67 47	71 48	83 43	78 48	82 50	89 51	85 67	83 62	72 62	77 63	85 61	83 67	72.4 50.6	
SNOW HILL 4 N	MAX MIN	65 45	58 47	69 43	76 39	75 47	71 49	69 48	63 32	68 43	67 54	73 60	73 57	82 40	78 46	71 61	82 46	78 61	68 54	72 50	71 50	57 47	68 46	67 50	82 42	81 46	81 51	89 51	87 64	83 62	76 63	84 67	73.6 51.0	
* * *																																		
CENTRAL EASTERN SHORE 02																																		
CAMBRIDGE WTR TRMT PL	MAX MIN	63 51	63 50	66 55	72 44	73 53	68 52	66 48	67 40	72 47	73 47	70 61	66 48	71 46	79 56	79 65	78 55	78 58	56 48	68 47	73 53	83 48	83 53	83 54	88 56	88 65	84 62	81 65	83 64	84 64	82 62	74.6 54.0		
DENTON 2 E	MAX MIN	62 47	61 46	69 42	79 38	75 48	69 48	66 41	68 32	72 37	69 54	68 59	72 56	80 41	80 54	80 59	75 52	74 47	55 46	70 44	75 45	86 44	84 46	84 52	89 55	87 65	85 61	79 64	81 62	85 63	83 67	74.7 50.6		
ROYAL OAK 2 SSW	MAX MIN	61 51	58 49	67 48	74 43	67 52	66 50	63 47	68 37	75 42	71 57	67 61	68 56	78 48	76 58	67 57	74 55	66 50	53 48	67 45	75 46	83 49	79 49	80 55	85 55	85 67	83 69	76 67	77 63	82 64	80 70	72.2 53.8		
VIENNA	MAX MIN	61 49	59 47	69 46	76 41	76 51	72 50	66 45	67 38	73 43	69 59	72 61	71 43	82 40	78 46	75 65	75 53	75 55	65 46	68 46	74 49	83 46	85 48	84 58	89 57	87 68	87 67	81 64	80 62	80 64	85 64	75.4 52.1		
* * *																																		
LOWER SOUTHERN 03																																		
LA PLATA 1 W	MAX MIN	60 50	60 45	67 37	76 39	74 44	68 51	64 42	69 36	73 38	70 54	69 61	68 55	81 44	78 53	66 49	72 46	71 50	50 48	65 47	74 41	82 47	80 49	81 52	86 55	85 63	83 65	76 65	77 60			72.2 50.8		
MECHANICSVILLE 1 SE	MAX MIN	62 52	58 44	69 42	78 38	76 47	70 48	67 42	67 35	72 41	72 54	70 59	70 56	82 39	82 52	70 50	75 47	74 52	59 45	66 45	74 45	84 46	82 46	84 52	89 55	89 65	86 61	78 64	80 62	85 63	80 66	74.9 50.6		
OWINGS FERRY LANDING	MAX MIN	61 44	58 45	69 51	79 47	75 51	73 48	67 40	68 35	73 39	72 55	73 59	73 53	76 52	83 54	76 46	71 46	69 44	62 44	65 42	75 47	85 49	81 49	84 52	78 58	89 55	85 62	75 63	84 63	86 63	79 60	74.1 50.8		
PATUXENT RIVER	MAX MIN	63 46	60 49	67 46	76 45	68 52	64 52	66 48	67 43	73 48	66 57	66 61	73 51	71 45	81 56	75 58	71 55	74 59	62 49	64 49	74 53	84 50	80 52	80 58	90 57	87 69	87 67	81 62	80 64	80 64	85 62	72.4 53.9		
SOLOMONS	MAX MIN	62 49			78 43			64 43	63 42	44	70	67 43	70 53	79 55								73												
* * *																																		
UPPER SOUTHERN 04																																		
ANNAPOLIS POLICE BRKS	MAX MIN	61 51	60 48	69 45	79 46	78 51	69	65 42	68 44	71 42	72 56	66 60	68 54	71 44	79 55	76 60	68 52	77 48	76 53	54 48	67 48	77 45	77 45	86 52	86 53	80 57	84 58	85 67	83 63	79 66	79 62	81 63	74.1 54.0	
BALTIMORE WSO AP	MAX MIN	59 50	60 41	69 41	78 41	72 46	66 50	65 41	67 44	72 42	65 57	70 62	67 44	73 42	83 53	73 57	67 50	75 45	57 50	54 47	69 44	78 44	87 53	82 53	84 55	90 56	86 63	84 65	74 63	80 62	85 63	79 61	73.2 51.2	
BELTSVILLE	MAX MIN	63 49	56 46	61 38	67 37	75 41	73 48	65 35	63 35	73 35	65 52	63 57	67 55	71 37	82 50				55 46	52 45	69 40	76 47	83 48	85 52	83 59	85 67	88 64	85 59	83 61	75 64	80 64	81 64	71.7 49.4	
COLLEGE PARK	MAX MIN	65 53	57 48	62 41	69 34	77 45	75 51	67 42	65 39	69 39	73 56	67 59	71 56	69 40	73 55	84 55	84 65	73 40	66 48	66 53	55 47	61 47	70 41	76 50	85 51	82 54	85 69	91 55	91 61	87 69	85 63	85 67	73.3 52.0	
DALECARLIA RESVR D C	MAX MIN	63 51	63 47	68 37	78 36	78 46	73 45	66 46	68 38	73 39	72 57	70 61	69 54	74 40	83 52	83 61	69 48	75 45	54 44	70 42	77 42	84 49	84 52	84 50	91 57	90 62	86 66	80 67	82 61	86 61	86 59	75.9 50.6		
GLENN DALE BELL STA	MAX MIN	62 49	60 46	70 34	78 35	77 41	71 47	65 34	68 33	73 34	72 53	68 54	70 53	81 37	81 49	65 48	73 41	75 41	54 47	69 45	76 38	83 44	85 49	84 49	90 52	89 58	87 64	80 64	80 57	85 64	85 64	75.1 47.6		
LAUREL 3 W	MAX MIN	55 48	63 49	69 45	79 49	76 49	64 49	66 42	69 46	73 43	65 54	69 61	65 54	71 44	82 57	69 55	74 48	62 48	53 46	70 46	78 46	85 61	82 51	84 60	90 60	87 67	82 69	78 64	80 61	85 65	85 65	73.1 53.2		
NATIONAL ARBORETUM D C	MAX MIN	63 52	56 43	63 41	69 40	78 45	73 50	68 43	65 39	67 44	72 41	66 56	71 54	68 41	82 51	72 52	67 45	75 41	65 48	55 45	68 41	77 47	85 51	81 56	85 62	89 67	86 65	83 65	75 61	80 62	84 66	72.9 51.2		
UPPER MARLBORO 3 NNW	MAX MIN	63 49	57 47	61 39	69 38	78 44	70 48	68 40	66 34	67 36	72 46	65 56	70 56	68 39	72 52	82 60	74 51	67 46	75 51	55 47	52 45	67 39	76 45	85 47	82 51	85 61	90 63	87 63	85 64	73 59	80 64	85 64	72.5 49.3	
* * *																																		
NORTHERN EASTERN SHORE 05																																		
CENTREVILLE	MAX MIN	73 51	62 46	72 47	77 40	77 48	68 48	66 42	69 35	73 42	71 54	68 60	69 54	71 44	81 54	81 62	68 54	75 50	74 52	56 48	70 40	77 44	85 47	84 48	82 52	88 56	87 63	84 67	80 65	81 63	84 68	84 68	75.4 51.7	
CHESTERTOWN	MAX MIN	60 47	70 47	60 44	78 41	70 49	66 50	67 43	68 37	72 39	69 53	69 60	72 51	80 45	79 54	67 53	75 51	75 50	54 47	71 45	79 45	85 48	83 48	83 53	87 58	86 66	83 69	75 64	81 63	84 63	87 62	73.9 51.6		
MILLINGTON 2 NNW	MAX MIN	63 48	59 47	67 40	78 38	77 49	65 48	65 41	66 32	70 39	71 53	68 60	67 56	70 42	80 52	79 58	66 48	72 45	70 50	54 48	69 45	75 42	84 45	81 50	83 52	88 54	87 62	85 66					73.4 49.9	

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MARYLAND																																			
* * *																																			
NORTHERN CENTRAL 06																																			
ABERDEEN PHILLIPS FLD	MAX	61	59	68	78	78	68	65	67	70	71	68	66	70	79	80	63	72	72	58	69	78	84	85	81	86	86	84	82	78	83	82	73.9		
	MIN	47	48	48	41	45	52	41	39	43	56	61	55	41	52	63	51	49	50	49	47	44	46	48	52	56	63	67	66	64	62	68	52.1		
BALTIMORE WSO CI	MAX	60	60	71	82	71	68	66	68	72	66	69	68	75	84	75	69	77	63	54	71	80	88	85	86	90	88	83	74	80	87	81	74.5		
	MIN	52	50	49	53	55	52	46	50	49	58	64	52	49	59	61	55	54	54	51	52	53	62	56	65	66	72	71	68	68	69	69	57.5		
BENSON POLICE BARRACKS	MAX	65	59	71	80	82	71	68	73	75	75	66	67	74	80	80	66	76	74	59	73	80	86	84	84	87	88	84	81	80	84	82	75.9		
	MIN	47	45	44	42	46	53	40	39	37	40	37	48	42	49	47	48	47	50	45	46	43	50	46	54	53	66	65	64	63	63	65	50.4		
BOYDS 2 NW	MAX	57	61	67	76	76	73	62	68	73	66	70	68	71	82	80	69	73	70	51	68	75	82	82	83	87	86	82	79	79	83	83	73.6		
	MIN	47	46	38	46	44	53	40	37	48	54	59	52	40	53	59	50	46	50	45	45	45	53	47	57	58	62	63	63	61	60	62	51.1		
CATOCTIN MOUNTAIN PARK	MAX	61	59	69	78	78	70	61	65	68	65	63	62	69	78	77	64	70	69	49	68	74	80	80	78	85	84	79	73	75	77	76	71.1		
	MIN	44	40	37	49	47	36	39	38	38	50	57	49	43	55	56	55	45	46	41	42	50	56	48	57	61	64	62	60	61	59	57	49.7		
CLARKSVILLE 3 NNE	MAX	62	60	66	76	76	70	63	65	70	69	67	65	75	82	80	64	72	74	54	68	76	84	84	84	89	89	84	80	78	85	85	74.1		
	MIN	47	44	34	34	40	40	37	31	31	56	60	55	37	47	57	47	40	48	46	46	36	46	44	47	51	58	63	65	62	59	59	47.3		
CDNOWINGO DAM	MAX	64	67		77	73	83	67	71	75	72	68	67	74	79	76	67	72	62	56	73	78													
	MIN	40	42	38	37	44	36	32		33	47	57	45	36	53		47	45	44	42	41	39	43	43	45	48	56	59	60	59	59	59	45.4		
DAMASCUS 2 SW	MAX	55	60	67	76	74	65	61	66	70	65	66	62	70	81	72	62	72	61	50	67	75	82	79	82	87	86	81	72	78	83	75	70.9		
	MIN	46	44	39	44	43	52	39	35	39	53	59	50	40	54	56	48	43	47	44	44	46	52	46	54	59	64	63	63	62	59	63	50.0		
EMMITSBURG 2 SE	MAX	61	63	68	78	77	75	63	68	70	69	69	67	71	80	79	69	74	73	53	70	77	85	81	81	87	86	83	80	78	81	80	74.1		
	MIN	40	45	34	36	40	49	38	35	31	50	60	54	39	51	55	52	40	48	46	43	35	43	43	49	53	57	61	64	57	62	47.3			
FREDRICK POLICE BRKS	MAX	61	62	68	78	79	75	63	68	71	71	71	69	72	82	82	68	75	75	54	70	77	86	85	83	89	89	85	82	80	83	84	75.4		
	MIN	46	46	44	42	47	54	42	39	39	55	62	57	44	55	61	53	47	51	47	47	43	52	51	57	58	65	65	64	64	64	52.5			
PARKTON 2 SW	MAX	60	57	66	76	74	63	63	65	69	67	65	63	70	79	74	63	71	59	53	69	75	83	81	81	87	83	80	68	78	81	74	70.9		
	MIN	42	40	36	38	41	45	34	33	34	51	59	42	36	49	55	46	41	45	43	43	40	52	47	48	53	60	60	63	62	59	54	46.8		
ROCKVILLE 3 NE	MAX	67	63	72	75	78	74	74	73	74	71	68	67	70	78	68	75	80	79	68	70	77	85	83	84	87	86	85	84	85	84	80	76.3		
	MIN	48	45	35	38	36	38	37	35	34	50	55	50	42			41	45	40	35	37	40	48	46	49	50	52	60	62	57	58	54	45.4		
TOWSON																																			
UNIONVILLE	MAX	61	60	67	77	77	71	62	68	72	70	70	65	70	81	80	66	73	73	51	70	76	82	82	82	88	83	82	78	79	82	81	73.5		
	MIN	41	45	30	34	39	48	38	29	31	54	60	54	35	48	59	44	37	45	45	45	35	41	41	44	50	55	62	64	61	54	64	46.2		
WESTMINSTER POLICE BRK	MAX	61	58	65	75	76	75	62	66	68	70	67	66	71	81	80	64	70	71	64	69	74	82	82	81	87	86	84	82	78	83	82	73.5		
	MIN	46	43	40	48	46	52	38	41	38	52	60	53	42	52	56	48	47	49	43	44	45	58	47	58	58	68	65	63	62	60	63	51.1		
WOODSTOCK	MAX	62	62	68	78	78	69	65	68	73	70	67	64	73	82	80	64	75	72	52	69	77	85	84	84	89	85	82	75	78	84	81	74.0		
	MIN	48	45	40	39	44	50	40	36	35	55	60	55	38	49	58	47	43	50	45	46	40	50	46	50	53	60	64	63	61	59	62	49.4		
* * *																																			
APPALACHIAN MOUNTAIN 07																																			
CUMBERLAND 2	MAX	61	64	75	88	87	81	71	71	77	73	76	61	76	87	85	64	76	75	54	76	81	83	85	88	90	87	81	73	77	84	81	77.0		
	MIN	42	34	34	40	48	33	34	36	43	57	54	39	42	56	54	41	43	47	43	40	45	50	51	50	51	61	62	64	57	57	49	47.0		
FROSTBURG 2	MAX	55	52	53	66	80	77	60	60	64	70	62	69	48	68	79	62	52	65	54	45	66	71	75	77	80	81	76	74	65	69	78	66.2		
	MIN	42	34	32	33	41	48	33	31	35	35	52	45	41	42	50	44	42	40	40	35	34	36	54	51	53	51	56	59	58	54	52	43.6		
HAGERSTOWN	MAX	60	63	70	80	81	74	64	68	70	70	70	69	71	81	80	70	73	71	52	72	78	84	83	83	89	84	81	77	79	83	83	74.6		
	MIN	44	45	36	44	50	54	37	38	40	53	61	52	41	55	59	52	43	50	45	44	43	50	52	53	55	62	63	64	63	60	62	50.6		
HANCOCK FRUIT LAB	MAX	60	62	70	80	81	76	65	67	66	70	74	73	72	81	79	64	70	68	57	72	78	81	82	82	86	85	81	81	77	80	78	74.1		
	MIN	42	41	30	40	44	50	30	29	34	54	61	53	38	51	57	54	40	48	47	42	36	44	46	47	51	56	59	64	63	55	64	47.4		
* * *																																			
ALLEGHENY PLATEAU 08																																			
MC HENRY 2 NW	MAX	55	50	52	65	80	78	56	60	64	71	63	70	45	65	80	56	50	65	51	42	59	71	73	76	82	78	81	71	69	60	76	65.0		
	MIN	42	30	32	36	50	52	28	28	40	42	51	41	38	40	48	41	40	44	37	36	39	43	51	55	56	57	58	56	57	53	55	44.4		
OAKLAND 1 SE	MAX	59	54	65	80	80	76	61	65	72	65	72	61	66	80	60	56	67	63	49	66	72	75	76	81	79	79	77	70	70	76	74	69.2		
	MIN	41	30	25	32	39	41	27	30	39	53	54	41	36	45	48	43	32	44	40	36	31	35	37	47	46	52	56	59	59	58	54	42.3		
SAVAGE RIVER DAM	MAX	59	55	56	69	72	83	61	63	64	69	66	70	58	69	80	64	56	68	52	46	68	75	77	79	80	83	78	73	71	68	80	68.1		
	MIN	45	34	30	34	39	49	31	30	35	39	54	47	42	48	51	48	39	43	41	38	36	41	44	47	52	55	57	59	60	54	55	44.4		

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DELAWARE																																		
* * *																																		
NORTHERN 01																																		
MIDDLETOWN 1 WSW	MAX MIN	63 48	60 47	67 43	74 42	74 52	65 49	65 40	66 37	70 39	66 54	66 60	66 55	68 44	80 51	79 62	72 55	72 47	69 50	57 49	69 47	75 46	83 47	83 47	82 55	89 56	86 64	86 67	86 65	80 63	83 63	82 67	73.8 52.0	
NEWARK UNIVERSITY FARM	MAX MIN	66 43	61 47	68 44	78 40	78 51	68 49	65 42	68 36	72 37	73 52	69 60	65 55	71 41	80 50	80 62	70 53	70 45	70 48	61 48	72 45	77 43	84 46	84 46	83 51	88 56	88 64	86 66	86 55	88 64	85 61	85 66	75.1 50.8	
WILMINGTON WSO AP	MAX MIN	64 45	64 48	71 44	81 41	68 54	67 50	67 47	67 41	70 38	72 41	64 53	70 61	71 47	80 42	78 53	67 60	72 53	60 46	55 47	72 46	77 45	85 48	82 46	82 52	86 58	85 67	84 67	84 64	79 63	84 63	78 61	73.5 51.4	
WILMINGTON PORTER RESVR	MAX MIN	65 45	63 45	69 45	79 46	68 50	67 47	65 42	68 45	69 43	71 52	63 58	66 49	70 43	76 52	78 52	62 52	70 47	60 48	56 44	71 46	75 48	83 49	80 50	82 62	85 59	84 65	81 67	81 64	74 63	77 63	83 64	76 61	72.1 51.7
* * *																																		
SOUTHERN 02																																		
BRIDGEVILLE 1 NW	MAX MIN	63 48	59 49	68 42	72 39	65 50	71 49	66 43	65 34	70 40	68 40	71 59	69 57	70 42	80 52	78 62	67 53	73 49	72 51	55 45	68 45	74 47	84 44	82 46	83 50	88 54	86 67	84 64	84 64	78 64	81 63	84 62	82 67	73.4 50.9
DOVER	MAX MIN	62 54	58 48	68 45	76 41	75 51	64 50	63 44	63 36	66 43	61 43	61 57	62 55	70 45	81 58	79 63	79 55	72 50	72 50	60 48	66 44	78 44	84 48	84 47	82 47	88 58	87 66	86 66	86 64	83 62	83 62	84 62	85 68	73.6 52.0
GEORGETOWN 5 SW	MAX MIN	62 46	62 47	56 42	67 38	75 50	63 50	63 44	66 33	69 40	67 42	69 55	69 57	69 41	70 52	81 62	80 54	67 60	72 50	61 46	55 45	68 47	70 43	83 45	78 49	82 52	89 52	87 64	87 60	84 62	74 62	80 62	84 65	71.7 49.6
LEWES	MAX MIN	63 48	59 49	65 50	73 46	71 51	68 51	69 48	63 35	67 48	64 53	64 56	71 59	75 44	85 56	79 62	70 56	70 62	71 52	58 56	68 51	68 52	82 47	86 45	81 58	90 54	92 62	87 65	87 62	78 61	78 61	88 63	87 69	73.9 52.9
MILFORD 2 WSW	MAX MIN	64 47	59 47	69 47	77 39	71 39	71 51	67 44	66 33	70 43	66 54	69 58	70 59	71 42	82 54	83 64	74 53	73 47	72 50	55 47	70 45	74 45	84 45	84 46	83 51	90 55	89 66	87 66	87 65	82 65	79 63	86 53	74.7 50.6	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

EVAPORATION AND WIND

MARYLAND AND DELAWARE
MAY 1981

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	EYAP	.06	.07	.14	.20	.21	.17	.05	.19	.20	.17	.00	.05	.15	.14	.27	-	-	-	.03	.01	.16	.22	.25	.15	.35	.16	.18	.23	.04	-	-	4.598	
	WIND	8	54	60	40	28	18	34	25	26	26	41	28	51	19	61	24	*	78	8	8	12	18	41	10	6	11	7	46	1	12	809		
	MAX	70	58	63	75	82	82	68	77	80	82	82	69	72	79	87	72	-	-	58	55	77	83	85	90	92	95	90	90	75	74	93	77.8	
	MIN	54	47	45	45	51	56	45	44	48	50	50	59	49	50	60	55	-	-	52	50	52	53	57	58	58	58	68	67	65	64	66	54.3	
UPPER HARLBORO 3 NNW	EYAP	.07	.13	.10	.19	.22	.16	.05	.21	.21	.18	.02	.06	.16	.17	.26	.15	.16	.24	.06	.00	.17	.23	.29	.24	.20	.24	.26	.23	.04	.10	.25	5.05	
	WIND	11	10	14	12	20	13	24	27	20	16	14	4	9	7	35	10	21	20	15	5	2	18	25	8	4	6	7	34	3	0	8	412	
	MAX	69	58	64	77	83	80	68	77	79	82	68	69	74	80	87	76	73	82	56	53	71	82	85	88	90	93	91	87	72	85	91	77.1	
	MIN	55	47	45	45	49	55	46	45	47	47	59	61	59	49	59	54	53	53	50	49	49	51	57	56	60	62	67	66	64	65	68	54.6	
ALLEGHENY PLATEAU 08																																		
SAVAGE RIVER DAM	EYAP	-	.08	.19	.31	.09	.23	.10	.24	.29	.13	.17	.14	-	.17	.22	.19	.03	.19	*	.15	.20	.14	.31	.21	.32	.05	.13	.11	.00	.01	.28	5.008	
	WIND	-	62	64	30	30	30	55	31	56	46	55	40	54	40	45	48	39	38	23	31	40	35	56	28	16	40	24	33	28	30	25	12158	
	MAX	67	52	65	84	81	82	62	70	72	81	66	70	67	73	81	69	52	73	54	51	77	80	78	80	82	83	78	75	73	69	82	71.9	
	MIN	47	37	37	37	45	52	37	37	56	46	54	52	42	44	53	49	43	42	44	43	42	45	50	50	65	59	59	61	61	59	58	48.6	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

EVAPORATION AND WIND

MARYLAND AND DELAWARE
MAY 1981

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			
DELAWARE																																		
* * *																																		
NORTHERN 01																																		
NEWARK UNIVERSITY FARM	EVAP	.12	.03	.22	.19	.16	.14	.16	.15	.25	.13	.11	-	.15	.11	.23	-	.21	.18	.07	.06	.16	.18	.42	.29	.09	.22	.29	.19	.06	.13	.20	5.248	
	WIND	18	46	53	30	30	13	56	29	28	35	41	51	58	18	27	51	55	19	25	22	18	33	46	28	18	16	21	49	48	16	36	1034	
	MAX	65	64	76	81	82	76	76	77	79	80	69	66	75	84	85	75	77	77	61	75	80	82	82	87	87	92	92	90	89	82	91	92	79.3
	MIN	54	54	52	53	61	60	45	51	65	65	61	65	55	63	73	69	60	60	53	56	58	63	63	67	68	73	73	57	73	79	81	62.3	
* * *																																		
SOUTHERN 02																																		
GEORGETOWN 5 SW	EVAP	.08	.02	.07	.25	.31	.07	.14	.29	.24	.17	.05	.14	.21	.23	.29	.38	.18	.33	.12	.04	.14	.25	.25	.39	.28	.35	.27	.21	.19	.15	.29	6.38	
	WIND	27	68	70	67	105	49	88	62	48	68	64	113	83	100	150	111	62	109	51	50	40	63	87	71	38	111	96	65	111	34	85	2346	
	MAX	66	59	54	62	65	61	63	63	62	66	64	64	64	67	71	72	66	68	60	56	63	63	68	71	75	77	78	77	70	75	81	66.8	
	MIN	57	48	51	50	48	52	58	53	47	50	55	57	55	53	53	61	57	57	56	55	53	54	54	56	60	62	66	67	64	66	65	56.1	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

MARYLAND AND DELAWARE
MAY 1981

STATION	INDEX NO.	DIVISION	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER	
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)		
MARYLAND													
ABERDEEN PHILLIPS FLD	0015	06	HARFORD		39 28	76 10	57	4P	4P		C	H	ROSS AVIATION INC
ANNAPOLIS POLICE BRKS	0193	04	ANNE ARUNDEL		38 59	76 30	25	5P	5P			H	ANNAPOLIS POLICE BRKS
ASSATEAGUE STATE PARK	0335	01	WORCESTER		38 14	75 08	7	5P	5P			H	ASSATEAGUE STATE PARK
BALTIMORE WSO AP	R 0465	04	ANNE ARUNDEL		39 11	76 40	196	MID	MID		C	HJ	NATL WEATHER SERVICE
BALTIMORE WSO CI	# 0470	06	BALTO CITY		39 17	76 37	91	MID	MID		C	H	OCMI COMMANDING OFFICER
BELTSVILLE	0700	04	PRN GEORGES		39 02	76 53	120	8A	8A	8A		H	U S DEPT OF AGRICULTURE
BENSON POLICE BARRACKS	0732	06	HARFORD		39 30	76 23	365	5P	5P			H	MARYLAND STATE POLICE
BOYDS 2 NW	1032	06	MONTGOMERY		39 13	77 20	580	6P	6P			H	HUNTER F STALEY
BRIGHTON DAM	1125	06	MONTGOMERY		39 12	77 01	330		MID			H	WASH SUB SANY COMM
CAMBRIDGE WTR TRMT PL	1385	02	DORCHESTER		38 34	76 04	5	4P	4P			H	WASTEWATER TRMT PLANT
CATOCTIN MOUNTAIN PARK	1530	06	FREDERICK		39 39	77 29	1610	5P	5P		C	H	CATOCTIN MOUNTAIN PARK
CENTREVILLE	1627	05	QUEEN ANNES		39 03	76 04	60	5P	5P			H	MICHAEL B CATE
CHESTERTOWN	1750	05	KENT		39 13	76 04	40	11P	11P			H	THOMAS W ELIASON JR
CLARKSVILLE 3 NNE	1862	06	HOWARD		39 15	76 56	365	5P	5P			H	UNIVERSITY OF MARYLAND
COLLEGE PARK	1995	04	PRN GEORGES		38 59	76 57	90	9A	9A		C	H	UNIVERSITY OF MARYLAND
CONOWINGO DAM	2060	06	HARFORD		39 39	76 10	40	MID	MID			H	SUSQUEHANNA ELECTRIC CO
CRISFIELD SOMERS COVE	2215	01	SOMERSET		37 59	75 52	8	5P	5P			H	SOMERS COVE MARINA
CUMBERLAND 2	2282	07	ALLEGANY		39 38	78 45	700	6P	7A			H	TIMOTHY B THOMAS
DAMASCUS 2 SW	2335	06	MONTGOMERY		39 16	77 14	720	7P	7P			H	RICHARD W SCHWERDT
DENTON 2 E	2523	02	CAROLINE		38 53	75 48	50	5P	5P			H	ARTHUR REINHOLD
EDGEMONT	2770	07	WASHINGTON		39 40	77 33	905		7A			H	JOHN W HARNE
EMMITSBURG 2 SE	2906	06	FREDERICK		39 41	77 18	416	5P	5P			H	MRS LUCILLE K BEALE
FEDERALSBURG	3090	02	CAROLINE		38 41	75 46	20				C		SEWAGE TREATMENT PLANT
FREDRICK POLICE BRKS	3348	06	FREDERICK		39 25	77 26	380	5P	5P			H	MARYLAND STATE POLICE
FREDERICK 3 E	3355	06	FREDERICK		39 24	77 22	385		7A			H	MISS I MARY STALEY
FROSTBURG 2	3415	07	ALLEGANY		39 40	78 56	2170	7A	7A			H	LEE K CLOSE
GLENN DALE BELL STA	3675	04	PRN GEORGES		38 58	76 48	150	4P	4P			H	USDA PLT INTRODUCT STA
HAGERSTOWN	3975	07	WASHINGTON		39 39	77 44	660	6P	6P			H	HAGERSTOWN RESERVOIR
HANCOCK FRUIT LAB	4030	07	WASHINGTON		39 42	78 11	428	4P	4P		C	H	SHARPSBURG RESEARCH C
LA PLATA 1 W	5080	03	CHARLES		38 32	77 00	140	6P	6P			H	C RUSSELL LEVERING
LAUREL 3 W	5111	04	PRN GEORGES		39 06	76 54	400	MID	MID			H	WASH SUB SANY COMM
MC HENRY 2 NW	5832	08	GARRETT		39 35	79 22	2680	8A	8A		C	H	JOSEPH F JOHENNING
MECHANICSVILLE 1 SE	5865	03	ST MARYS		38 26	76 43	160	5P	5P			H	MRS EDITH R BENNETT
MERRILL	5894	08	GARRETT		39 36	79 05	1790		9A			H	DELWOOD E MERRILL
MILLINGTON 2 WNW	5985	05	KENT		39 16	75 52	30	5P	5P			H	MRS GERALDINE CONNOLLEY
NEW GERMANY 2	6410	08	GARRETT		39 37	79 08	2480				C		LESTER BITTINGER
OAKLAND 1 SE	6620	08	GARRETT		39 24	79 24	2420	5P	5P			H	MS CARA M WEBER
OWINGS FERRY LANDING	6770	03	CALVERT		38 41	76 40	160	5P	5P			H	JAMES E BOURNE JR
PARKTON 2 SW	6844	06	BALTIMORE		39 38	76 42	600	11P	11P		C	H	JOHN R FOX
PATUXENT RIVER	6915	03	ST MARY'S		38 20	76 25	38	MID	MID			C	NAVAL WEATHER SERVICE
POTOMAC FILTER PLANT	7272	06	MONTGOMERY		39 02	77 15	270		MID			H	POTOMAC WATER FILT PLT
PRINCESS ANNE	7330	01	SOMERSET		38 13	75 41	20	5P	5P			H	MARYLAND ST COLLEGE FRM
ROCKVILLE 3 NE	7705	06	MONTGOMERY		39 07	77 06	400	4P	4P			H	MD NATL CAPITAL PARK
ROYAL OAK 2 SSW	7806	02	TALBOT		38 43	76 11	10	6P	6P			H	JOHN L SWAINE JR
SALISBURY	8000	01	WICOMICO		38 22	75 35	10	5P	5P			H	CITY OF SALISBURY
SALISBURY FAA AP	# 8005	01	WICOMICO		38 20	75 31	48	MID	MID			H	FAA
SAVAGE RIVER DAM	8065	08	GARRETT		39 31	79 08	1495	8A	8A	8A		H	U S CORPS OF ENGINEERS
SINES DEEP CREEK	8315	08	GARRETT		39 32	79 25	2040				C		PA ELECTRIC COMPANY
SNOW HILL 4 N	8380	01	WORCESTER		38 14	75 23	28	6P	6P			H	CURTIS E SHOCKLEY
SOLOMONS	8405	03	CALVERT		38 19	76 27	12	8A	8A			H	CHESAPEAKE BIOL LAB
TOWSON	8877	06	BALTIMORE		39 23	76 34	390	6P	6P			H	BENDIX FRIEZ
UNIONVILLE	9030	06	FREDERICK		39 27	77 11	430	6P	6P		C	H	GEORGE P VON EIFF JR
UPPER MARLBORO 3 NNW	9070	04	PRN GEORGES		38 52	76 47	98	8A	8A	8A		H	TOBACCO EXP FARM
VIENNA	9140	02	DORCHESTER		38 29	75 50	12	6P	6P			H	DELMARVA POWER & LIGHT
WESTMINSTER POLICE BRK	9440	06	CARROLL		39 33	76 58	765	5P	5P			H	MARYLAND STATE POLICE
WOODSTOCK	9750	06	BALTIMORE		39 20	76 52	460	6P	6P			H	JOHN A HILTZ

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

MARYLAND AND DELAWARE
MAY 1981

STATION	INDEX NO.	DIVISION	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER	
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)		
DISTRICT OF COLUMBIA													
DALECARLIA RESVR D C	2325	04			38 56	77 07	146	5P	5P			U S CORPS OF ENGINEERS U S NATL ARBORETUM	
NATIONAL ARBORETUM D C	6350	04			38 54	76 59	50	8A	8A		H		
DELAWARE													
BRIDGEVILLE 1 NW	1330	02	SUSSEX		38 45	75 37	50	5P	5P			H	WILLIAM M RAY
DOVER	2730	02	KENT		39 09	75 31	30	5P	5P			H	STATE DIV OF HIGHWAYS
GEORGETOWN 5 SW	3570	02	SUSSEX		38 38	75 27	45	8A	8A		8A	H	UNIV OF DEL SUBSTATION
LEWES	5320	02	SUSSEX		38 46	75 08	15	5P	5P			H	BOARD OF PUBLIC WORKS
MIDDLETOWN 1 WSW	5852	01	NEW CASTLE		39 26	75 45	60	4P	4P			H	PIONEER HIBRED CORN CO
MILFORD 2 WSW	5915	02	SUSSEX		38 54	75 28	30	5P	5P			H	MRS BERNARD FRANKEL
NEWARK UNIVERSITY FARM	6410	01	NEW CASTLE		39 40	75 44	90	5P	5P		5P	H	UNIV OF DELAWARE
WILMINGTON WSO AP	9595	01	NEW CASTLE		39 40	75 36	79	MID	MID		C	HJ	NATL WEATHER SERVICE
WILMGTN PORTER RESVR	9605	01	NEW CASTLE		39 46	75 32	274	MID	MID			H	WATER DEPARTMENT

SEE REFERENCE NOTES FOLLOWING STATION INDEX

MARYLAND - DELAWARE MAY 1981

SPECIAL WEATHER SUMMARY

The month was cool and wet. In spite of a warming trend during the last ten days of the month, monthly temperatures across Maryland averaged mostly between 1 and 3° below normal; in Delaware, average monthly temperatures ranged from near normal in the Northern Division to 2° below normal in the Southern Division. The highest temperatures, occurring on the 25th, ranged in Maryland mostly from mid 80's to low 90's with the exception of low 80's in the Garrett County area; lowest temperatures ranged from low 30's to low 40's except from mid 20's to around 30° again in the Garrett County area. In Delaware, highest temperatures ranged from mid 80's to low 90's while lowest temperatures were in the low 30's to low 40's.

Rainfall was generally normal to much above normal across Maryland. The greatest totals, 6 inches or more, were found in northern Calvert County, in parts of Central Eastern Shore and in the Woodstock area. The least amounts, generally less than 4 inches,

were found in Southern Eastern Shore and in parts of the Northern Central and the Appalachian Mountain climatological divisions. In Delaware, rainfall was mostly above normal to much above normal; totals from reporting stations ranged from 4.40 inches to 6.17 inches.

Severe weather was reported on the 15th in north-central and north-eastern Maryland. A tornado in the Elkton area caused property damage estimated between \$500,000 and \$1,000,000; no deaths or injuries were noted. At Severna Park, a teenage boy was killed by lightning in the driveway of his home as he was running with his bicycle toward the garage. In Carroll County, small hail accumulated ankle-deep at several locations. Wind damage was reported in the Aberdeen area. In Delaware, wind damage, mostly minor, was reported in the Newark area also on the 15th. For additional details, see the STORM DATA publication.

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

REFERENCE NOTES

MARYLAND AND DELAWARE

Additional information regarding the climate of these States 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" for these States.

DIMENSIONAL UNITS: Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly heating and cooling degree totals are the sums of the negative and positive departures, respectively, of average daily temperatures from 65°F. In "Supplemental Data" table directions entered in figures are tens of degrees. Resultant wind is the vector sum of wind directions and speeds divided by the number of observations.

OBSERVATION TIME: The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time. Snow on ground in the "Snowfall and Snow on Ground" table is at observation time for all except National Weather Service Offices and FAA stations. For these stations snow on ground values are at 7:00 a.m., e.s.t. Data in the "Extremes" table, "Daily Precipitation" table, "Daily Temperature" table, "Evaporation and Wind" table, and snowfall in the "Snowfall and Snow on Ground" table, when published, are for the 24 hours ending at time of observation.

EVAPORATION is measured in the standard Weather Service-type pan of 4-foot diameter unless otherwise noted below in the "Evaporation and Wind" table. Max and Min values in the "Evaporation and Wind" table are extremes of temperature of water in pan as recorded during 24 hours ending at time of observation. Wind is the total wind movement in miles over the evaporation pan as determined by a continuous anemometer recorder located 6-8 inches above the pan.

WATER EQUIVALENT values published in the "Snowfall and Snow on Ground" table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently, occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record. Time of observation 1:00 p.m., e.s.t.

SNOWFALL: Entries of snowfall in the "Monthly Summarized Data" table, the "Snowfall and Snow on Ground" table, and in the "Seasonal Snowfall" table, include snow and sleet. Entries of snow on ground include snow, sleet, and ice.

NORMALS for all stations are climatological standard normals based on the period 1941-1970.

DIVISIONS, as used in this publication, became effective with data for October 1956.

STATION NAMES: Figures and letters following the station name, such as 12 SSW, indicate distance in miles and directions from the post office.

SEASONAL TABLES: Monthly and seasonal snowfall and heating degree days for the 12 months ending with the preceding June data will be carried in the July issue of this bulletin.

LATE REPORTS AND CORRECTIONS will be published annually as a Supplemental bulletin.

INTERPOLATED VALUES for monthly precipitation totals may be found in the annual issue of this publication.

IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

- No record in the "Supplemental Data" table, "Daily Precipitation" table, "Evaporation and Wind" table, "Snowfall and Snow on Ground" table, "Daily Soil Temperatures" table.
- No record in the "Monthly Summarized Data" table and the "Daily Temperature" table is indicated by no entry.
- + And also on an earlier date or dates.
- ++ Highest observed one minute windspeed. This station is not equipped with an instrument to measure fastest mile data.
- * Amount included in following measurement, time distribution unknown.
- // Gage is equipped with a windshield.
- ‡ Extreme occurred at station with incomplete data which may have been exceeded.
- B Adjusted to a full month.
- D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
- M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
- R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
- T Trace, an amount too small to measure.
- V Includes total for previous month.

IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

- AR This entry in time of observation column in Station Index means after rain.
- C Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in the "Hourly Precipitation Data" bulletin. If daily amounts are published in "Climatological Data" bulletin they are from a separate non-recording gage, except where indicated by reference 'R'. Such amounts may differ from amounts published from the recording gage in the "Hourly Precipitation Data" bulletin.
- G "Soil Temperature" table.
- H "Snowfall and Snow on Ground" table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.
- J "Supplemental Data" table.
- SS This entry in time of observation column in Station Index means observations made near sunset.
- VAR This entry in time of observation column in Station Index means variable.
- # Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, this reference indicates that the thermometers are exposed in a shelter located on the roof of a building.

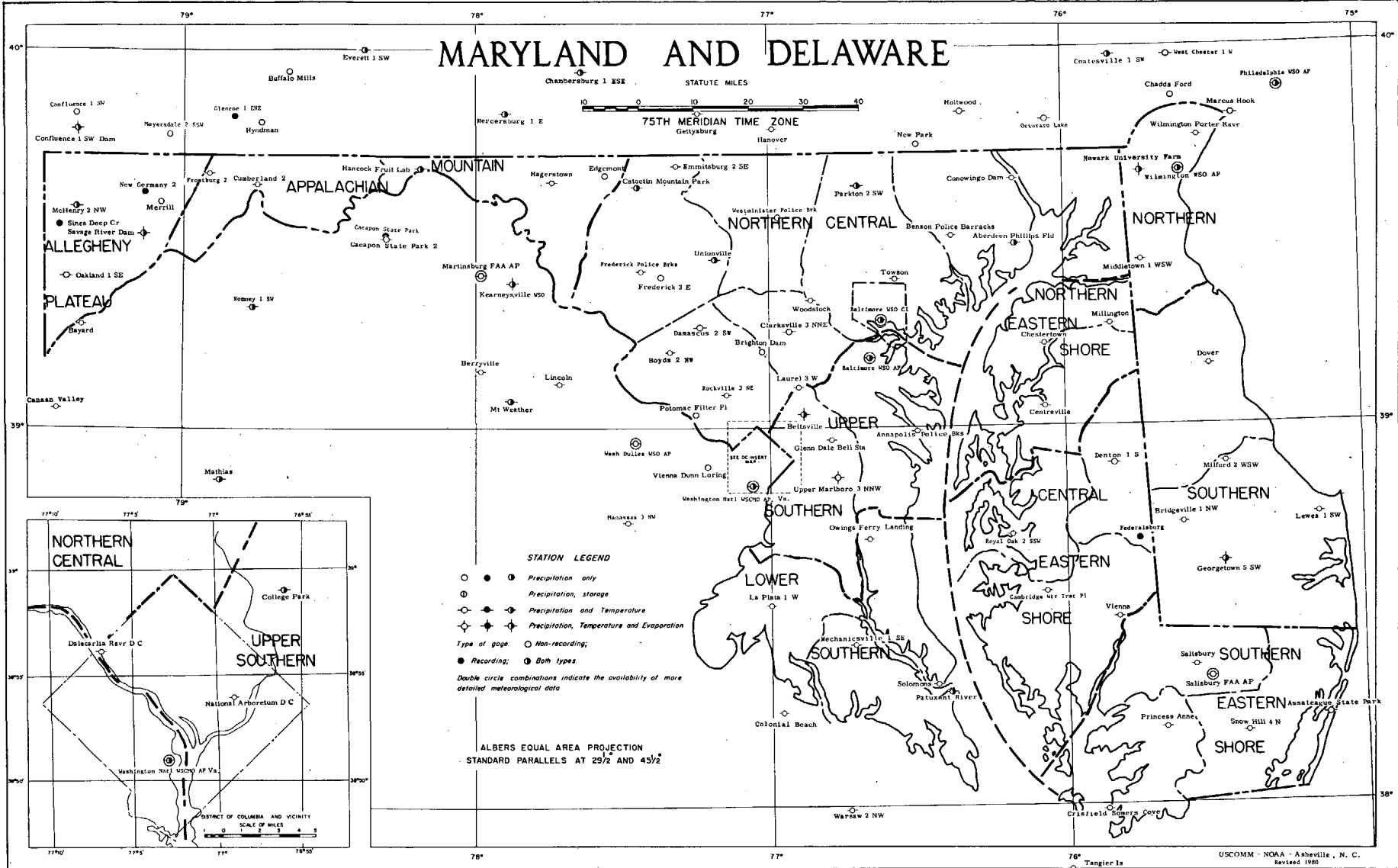
Stations appearing in the tables with no data were either missing or received too late to be included in this issue.

General weather conditions in the U.S. for each month are described in the CLIMATOLOGICAL DATA NATIONAL SUMMARY and STORM DATA.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for these States, price 25 cents. Similar information for regular National Weather Service Offices may be found in the latest annual issue of Local Climatological Data, price 30 cents. Note minimum charge and ordering instructions below.

Subscription Price: \$5.85 per year for each section including annual summary; \$13.00 foreign; 45c single copy; \$1.00 foreign; 45c annual summary; \$1.00 foreign. There is a minimum charge of \$3.00 for each order of shelf-stocked issues of publications.
 Make checks payable to Department of Commerce, NOAA; send payments and orders to: National Climatic Center, Federal Building, Asheville, N.C. 28801.
 ATTN: Publications

USCOMM-NOAA-ASHEVILLE, N.C. 1981-940



MARYLAND AND DELAWARE

75TH MERIDIAN TIME ZONE
Gettysburg

STATUTE MILES
0 10 20 30 40

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

ALBERS EQUAL AREA PROJECTION
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