

CLIMATOLOGICAL DATA

MARYLAND AND DELAWARE

OCTOBER 1981

VOLUME 85 NUMBER 10



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NATIONAL CLIMATIC CENTER, ASHEVILLE NORTH CAROLINA"
28801

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NATIONAL OCEANIC AND
ATMOSPHERIC ADMINISTRATION

ENVIRONMENTAL DATA AND
INFORMATION SERVICE

NATIONAL CLIMATIC CENTER
ASHEVILLE, NORTH CAROLINA

TEMPERATURE AND PRECIPITATION EXTREMES

MARYLAND AND
DELAWARE
OCTOBER 1981

HIGHEST TEMPERATURE:	2 STATIONS	86	DATE	02+
LOWEST TEMPERATURE:	5 STATIONS	22	DATE	25+
GREATEST TOTAL PRECIPITATION:	MECHANICSVILLE 1 SE MD:	4.90		
LEAST TOTAL PRECIPITATION:	CRISFIELD SOMERS COVE MD:	1.66		
GREATEST 1 DAY PRECIPITATION:	HANCOCK FRUIT LAB MD:	2.10	DATE	27
GREATEST TOTAL SNOWFALL:	FROSTBURG 2 MD:	.2		
GREATEST DEPTH OF SNOW OR ICE:	3 STATIONS	T	DATE	24+

SUPPLEMENTAL DATA

STATION	WIND DATA (SPEED IN MPH)						RELATIVE HUMIDITY AVERAGE (%)				NUMBER OF DAYS WITH PRECIPITATION (INCHES)						PERCENTAGE OF POSSIBLE SUNSHINE	AVERAGE SKY COVER (TENTHS) SUNRISE-SUNSET	
	RESULTANT DIRECTION	RESULTANT SPEED	AVERAGE SPEED	FASTEST MILE			TIME ZONE EASTERN				TRACE	.01-.09	.10-.49	.50-.99	1.00-1.99	OVER 1.99			TOTAL
				SPEED	DIRECTION	DATE	01	07	13	19									
BALTIMORE WSO AP MD	30	2.7	8.1	32	NW	01	75	79	51	64	4	2	4	2	0	0	12	51	5
WILMINGTON WSO AP DEL	32	2.9	9.1	28+	31	01	79	81	54	67	2	4	5	1	0	0	12	1	6.3

SEE REFERENCE NOTES FOLLOWING STATION INDEX

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

MARYLAND AND
DELAWARE
OCTOBER 1981

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
MARYLAND																					
SOUTHERN EASTERN SHORE 01																					
ASSATEAGUE STATE PARK	67.3	48.8	58.1		81	1	29	20	214	7	0	0	0	2.97		.85	25				
CRISFIELD SOMERS COVE	67.0	49.8	58.4	-3.8	81	1	29	20	206	3	0	0	0	1.66	-1.41	.60	25				
PRINCESS ANNE	68.2	42.5	55.4		83	1	28	20	298	8	0	0	0	1.83		.71	25				
SALISBURY	68.0	44.8	56.4	-3.2	83	1	28	20	270	1	0	0	0	1.85	-1.34	.55	25				
SALISBURY FAA AP	66.1	44.4	55.3		83	1	28	20	307	1	0	0	0	1.84		.76	25				
SNOW HILL 4 N	67.8	42.4	55.1	-3.6	83	1	25	20	308	7	0	0	0	1.78	-1.87	.68	26				
DIVISION																					
			56.5	-3.0										1.99	-1.27						
CENTRAL EASTERN SHORE 02																					
CAMBRIDGE WTR TRMT PL	68.3	46.8	57.6		84	2+	30	20	241	17	0	0	0	2.63	-.34	.67	25				
DENTON 2 E	67.4	42.1	54.8	-3.6	83	1	28	20	314	5	0	0	0	2.44	-.49	.54	25				
ROYAL OAK 2 SSW	67.0	46.4	56.7		83	1	28	20	261	5	0	0	0	2.15		.82	19				
VIENNA	68.2	43.9	56.1		82	1	29	20	277	9	0	0	0	2.18		.55	19				
DIVISION																					
			56.3	-2.8										2.60	-.29						
LOWER SOUTHERN 03																					
LA PLATA 1 W	66.5	43.7	55.1	-3.1	84	1	29	20	301	6	0	0	1	3.13	-.02	.86	23				
MECHANICSVILLE 1 SE	64.8	43.3	54.1		81	1			329	0	0	0	0	4.90							
OWINGS FERRY LANDING																					
PATUXENT RIVER	66.2	48.2	57.2		86	1	32	20	252	19	0	0	1	2.38		.93	25				
SOLOMONS					85	2	37	20						2.80							
DIVISION																					
			55.5	-3.2										3.30	-.23						
UPPER SOUTHERN 04																					
ANNAPOLIS POLICE BRKS	65.9	46.8	56.4	-1.8	85	1	32	20	272	1	0	0	1	3.32	-.81	.89	28				
BALTIMORE WSO AP	63.5	42.9	53.2	-4.2	83	1	28	20	363	2	0	0	1	2.57	-.24	.75	26				
BELTSVILLE	64.0	39.8	51.9		84	2	26	21+	398	2	0	0	0	3.02		.80	27				
COLLEGE PARK	65.3	43.3	54.3	-3.6	85	2	28	20	329	7	0	0	1	3.00	-.13	.98	27				
DALECARLIA RESVR D C	66.9	42.4	54.7		85	1	27	21	323	5	0	0	2	3.05		.75	27				
GLENN DALE BELL STN	67.4	39.1	53.3	-3.7	82	2+	24	20	357	1	0	0	0	3.41	-.37	.81	26				
LAUREL 3 W	65.1	45.3	55.2		82	2+	35	25+	306	9	0	0	0	2.53		.75	26				
NATIONAL ARBORETUM D C	65.7	42.5	54.1		85	2	29	20	337	7	0	0	0	3.52		.86	28				
UPPER MARLBORO 3 NNW	65.3	38.9	52.1		86	2	25	20	394	3	0	0	0	3.84		.82	7				
DIVISION																					
			53.9	-3.8										3.14	-.28						
NORTHERN EASTERN SHORE 05																					
CENTREVILLE	67.9	44.0	56.0		81	1	28	20	276	3	0	0	1	3.64		.78	19				
CHESTERTOWN	64.9	42.9	53.9	-4.9	80	1	30	20	337	2	0	0	1	3.44	-.71	.83	26				
MILLINGTON 2 WNW																					
DIVISION																					
			55.0	-3.7										3.54	-.90						
NORTHERN CENTRAL 06																					
ABERDEEN PHILLIPS FLD	65.0	42.7	53.9		79	6+	28	20	342	2	0	0	1	3.54							
BALTIMORE WSO CI	64.4	48.3	56.4	-4.3	81	1	38	20	279	4	0	0	0	2.61	-.25	1.01	26				
BENSON POLICE BARRACKS	67.4	42.0	54.7		84	5	28	20	319	9	0	0	0	3.47		.59	26				
BOYDS 2 NW	64.3	42.7	53.5		82	1	27	20	354	4	0	0	0	3.84		1.18	27				
CATOCTIN MOUNTAIN PARK	59.9	41.5	50.7		71	1	29	24	436	0	0	0	3	4.34		1.90	27				

SEE REFERENCE NOTES FOLLOWING STATION INDEX
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MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

MARYLAND AND
DELAWARE
OCTOBER 1981

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	1.00 OR MORE	.50 OR MORE	.10 OR MORE
CLARKSVILLE 3 NNE	65.3	39	52.3	-4.1	83	1	22	20	33	1	0	0	8	0	2.59				.0	0	6	3	0	
CONOWINGO DAM	62.4	44	53.4		80	5	22	20	33	0	0	0	0		3.57				.0	0	6	4	0	
DAMASCUS 2 SW	64.2	40	52.1		80	1	22	20	33	0	0	0	0		3.37				.0	0	6	4	1	
EMMITSBURG 2 SE	64.1	40	52.1		80	2	22	20	34	0	0	0	0		3.13				.0	0	7	1	1	
FREDRICK POLICE BRKS	64.4	40	52.1		80	2	22	20	32	0	0	0	0		3.13				.0	0	9	3	0	
PARKTON 2 SW	61.7	38	50.0		77	5	26	20	44	0	0	0	0		3.22				.0	0	6	2	0	
ROCKVILLE 3 NE	65.7	40	52.8		78	6	30	20	33	0	0	0	0		2.51				.0	0	6	2	0	
TOWSON	65.2	40	52.1		82	1	30	20	33	0	0	0	0		2.95				.0	0	7	2	0	
UNIONVILLE	64.6	40	52.3	3.3	81	1	22	20	44	0	0	10	0		3.34				.0	0	8	1	0	
WESTMINSTER POLICE BRK	63.5	42	53.1		80	1	30	20	36	0	0	0	0		3.78	.66	1	10/27	.0	0	10	4	1	
WOODSTOCK	64.7	41	53.2	2.4	80	5	25	20	36	2	5	0	4		2.67	.26	6/27		.0	0	7	2	0	
DIVISION			52.9	3.5											3.26	.38			T					
APPALACHIAN MOUNTAIN																								
CUMBERLAND 2	65.5	38	52.2		82	1	26	20	39	2	3	0	7		3.78		1/9	5/27	.0	0	7	2	1	
FROSTBURG 2	65.6	36	51.1		74	2	24	20	37	0	0	0	9		3.77		1/4	6/27	.0	T	24	8	1	
HAGERSTOWN	62.9	41	52.0		78	3	24	20	38	0	0	0	0		4.03		1/4	6/27	.0	0	2	2	1	
HANCOCK FRUIT LAB	61.8	39	50.7		76	6	25	20	43	0	0	0	0		4.15	1.41	2/10	2/27	.0	0	6	2	1	
DIVISION			50.3	4.9											3.93	1.22			.1					
ALLEGHENY PLATEAU																								
MC HENRY 2 NW	53.5	36	44.9		74	2	22	25	6	16	0	0	10		3.92		1/10	2/27	T	T	24	10	3	
OAKLAND 1 SE	61.2	37	49.2	1.2	77	1	22	17	4	8	0	0	9		3.32	.41	1/3	2/27	T	T	2	7	1	
SAVAGE RIVER DAM	58.3	36	47.4		79	2	25	21	5	4	0	0	0		3.08		1/3	4/27	.0	0	6	2	1	
DIVISION			47.2	3.0											3.44	.51			T					
DELAWARE																								
NORTHERN																								
MIDDLETOWN 1 WSW	66.1	42	54.3		80	1	27	20	32	8	2	0	3		3.75				.0	0	6	4	0	
NEWARK UNIVERSITY FARM	65.2	41	53.5	3.2	77	6	29	20	35	0	0	0	2		3.00	.20			.0	0	7	2	0	
WILMINGTON WSO AP	63.9	42	53.0	4.2	80	1	31	20	37	0	0	0	1		2.84	.24			.0	0	6	1	0	
WILMGTON PORTER RESVR	62.2	43	52.9	3.9	75	5	31	20	36	8	0	0	1		4.14	1.30			.0	0	7	5	0	
DIVISION			53.4	3.7											3.43	.62			.0					
SOUTHERN																								
BRIDGEVILLE 1 NW	67.6	41	54.6	3.3	81	1	26	20	32	2	4	0	4		2.73	.24			.0	0	7	2	0	
DOVER	66.0	44	55.3	3.7	79	1	29	20	29	7	3	0	1		2.50	.56			.0	0	6	2	0	
GEORGETOWN 5 SW	66.5	42	54.5		82	2	26	20	32	6	7	0	3		2.62				.0	0	7	2	0	
LEWES	68.3	43	56.1		83	1			27	1	4	0	0		3.42				.0	0	7	2	0	
MILFORD 2 WSW	66.6	43	55.0		80	2	27	20	30	8	6	0	1		3.38		.76	7	.0	0	7	3	0	
DIVISION			55.1	3.2											2.93	.18			.0					

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION (INCHES)

MARYLAND AND
DELAWARE
OCTOBER 1981

STATION	TOTAL	DAY OF MONTH														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MARYLAND																
SOUTHERN EASTERN																
SHORE																
ASSATEAGUE STATE PARK 01	2.97		.30													
CRISFIELD SOMERS COVE	1.66		.30													
PRINCESS ANNE	1.83		.24													
SALISBURY	1.85		.23													
SALISBURY FAA AP	1.84	T	.24													
SNOW HILL 4 N	1.78		.16			T										
CENTRAL EASTERN																
SHORE																
CAMBRIDGE WTR TRMT PL 02	2.63		.35													
DENTON 2 E	2.44		.30							.35						
ROYAL OAK 2 SSW	3.15		.28							.07						
VIENNA	2.18		.45							.09						
LOWER SOUTHERN																
LA PLATA 1 W 03	3.13		.19			.03	T									
MECHANICSVILLE 1 SE	4.90		.28													
OWINGS FERRY LANDING	-		.19	-	-	-	-	-	-	-	-	-	-	-	-	-
PATUXENT RIVER	2.38	.04	.19		T	T										
SOLOMONS	2.80		.23						.02							
UPPER SOUTHERN																
ANNAPOLIS POLICE BRKS 04	3.32		.23				T		.26							
BALTIMORE WSO AP	2.57	.28	T		T	.03	.05		.04							
BELTSVILLE	3.02		.23						.31							
COLLEGE PARK	3.00		.27	T					.04							
DALECARLIA RESVR D C	3.05		.28					.03	.07	.01						
GLENN DALE BELL STN	3.41		.33					T	.13							
LAUREL 3 W	2.53	.20	.10				T									
NATIONAL ARBORETUM D C	3.52		.35						.22							
UPPER MARLBORO 3 NNW	3.84		.30						.82							
NORTHERN EASTERN																
SHORE 05																
CENTREVILLE	3.64	.02	.30					.03	.42							
CHESTERTOWN	3.44	.02	.29				.02	.07								
MILLINGTON 2 WNW	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NORTHERN CENTRAL																
ABERDEEN PHILLIPS FLD 06	3.54	.02	.63					.09	.04							
BALTIMORE WSO CI	2.61	.33				.03		.03								
BENSON POLICE BARRACKS	3.47		.56	.01				.05	.08							
BOYDS 2 NW	3.84		.58					.10								
BRIGHTON DAM	3.04	.40	.10					.09								
CATOCTIN MOUNTAIN PARK	4.34		.38	.02				.24								
CLARKSVILLE 3 NNE	2.59		.53			.01		.05								
CONOWINGO DAM	3.57	.69						.06								
DAMASCUS 2 SW	3.37		.47	T		T		.10								
FREDRICKSBURG 2 SE	3.13							.10								
FREDRICKSBURG POLICE BRKS	-	-	.65					.15	.03							
FREDRICKSBURG 3 E	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PARKTON 2 SW	3.22	.86	.08			.03		.07								
POTOMAC FILTER PLANT	2.93	.27	.05					.05								
ROCKVILLE 3 NE	2.51		.27				T									
TOWSON	2.95		.45					.04	.01							
UNIONVILLE	3.34		.45					.18								
WESTMINSTER POLICE BRK	3.78		.90					.15	T							
WOODSTOCK	2.67	T	.44			T		.08	.02							

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION (CONT)

MARYLAND AND
DELAWARE
OCTOBER 1981

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				.36					.55	.85	.79	.04	.08			
CRISFIELD SOMERS COVE				.09	.06				.24	.60	.30		.07			
PRINCESS ANNE				.39					.29	.71	.13	.04	.03			
SALISBURY				.49				T	.25	.55	.21	.05	.03	T	T	.02
SALISBURY FAA AP								.22	.02	.76	.02	.04	.03	T	T	.01
SNOW HILL 4 N			.53	.38				T	.19	.30	.68	.02	.02	T	T	.03
CENTRAL EASTERN SHORE 02																
CAMBRIDGE WTR TRMT PL				.60				.40		.67	.35	.05	.20	.01		
DENTON 2 E				.49				.16	.24	.54	.11	.18	.07			
ROYAL OAK 2 SSW				.82				.20	.25	.70	.22	.28	.33	T		
VIENNA				.55				.22	.22	.38	.21	.07		.21		
LOWER SOUTHERN 03																
LA PLATA 1 W			.18	.19				.86	.53	.66	.49	T			T	
MECHANICSVILLE 1 SE			*	1.60				.15	.60	.80	.65	.20	.62			
OWINGS FERRY LANDING	-	-														
PATUXENT RIVER			.54	T				.40	.02	.93	.02	.22	.02	.02	T	T
SOLOMONS				.62					*	*	1.34	.07	.49		.03	
UPPER SOUTHERN 04																
ANNAPOLIS POLICE BRKS				T				.20	.30	.42	.82	.18	.89	.02		
BALTIMORE WSO AP			.45	T	T			.50		.24	.75	.27		T		
BELTSVILLE				.46					.60		.28	.80	.34			
COLLEGE PARK				.50				T	.61		.28	.98	.32			
DALECARLIA RESVR D C				.31				.45	.22	.20	.69	.75	.04			
GLENN DALE BELL STN				.65				.31	.30	.34	.81	.42	.12			
LAUREL 3 W			.25					.61	T	.22	.75	.42		T		
NATIONAL ARBORETUM D C				.47					.65	.37	.60	.60	.86			
UPPER MARLBORO 3 NNW				.50				.52	T		.48	.72	.50			
NORTHERN EASTERN SHORE 05																
CENTREVILLE			T	.78				.26	.42	.60	.40	.11	.30			
CHESTERTOWN			.41	T				.65	.07	.56	.83	.52				
MILLINGTON 2 WNW	-	-														
NORTHERN CENTRAL 06																
ABERDEEN PHILLIPS FLD			*	.53				.25	*	*	1.21	.04	.73	T		
BALTIMORE WSO CI			.28					.51		.12	.01	.30				
BENSON POLICE BARRACKS			.05	.43	.02			.38	.36	.09	.59	.51	.34			
BOYDS 2 NW				.11				.52	.20	.39	.57	1.18	.19			
BRIGHTON DAM			.20					.70		.12	.63	.80				
CATOCTIN MOUNTAIN PARK			.12	.22				.40	.05	.11	.62	1.90	.25		.03	
CLARKSVILLE 3 NNE			.05	.17				.42		.23	.50	.56	.06	T	.01	
CONOWINGO DAM			.52	T				.83	.02	.25	.47	.70	.03			
DAMASCUS 2 SW			.10	.02				.62	.15	.29	.64	1.00	.01	.01		
EMMITSBURG 2 SE			.23					.39	.55	.02	.60	1.44	.19			
FREDERICK POLICE BRKS			.10	.07				.41	.11	.33	.56	.99	.21			
FREDERICK 3 E																
PARKTON 2 SW			.27	T				.79	.02	.11	.49	.47	.03			
POTOMAC FILTER PLANT	T		.13					.68		.22	.60	.93				
ROCKVILLE 3 NE								.78	.18	.10	.60	.50	.08			
TOWSON			.02	.38	.04			.65	.20	.10	.65	.40	.01			
UNIONVILLE			.10					.47	.11	.06	.59	1.15	.23			
WESTMINSTER POLICE BRK			.11	.10				.42	.38	.10	.52	.50	.60		T	
WOODSTOCK			.18	T				.52	.15	.12	.48	.60	.06	.02		

SEE REFERENCE NOTES FOLLOWING STATION INDEX
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DAILY PRECIPITATION (INCHES)

MARYLAND AND
DELAWARE
OCTOBER 1981

STATION	TOTAL	DAY OF MONTH														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
APPALACHIAN MOUNTAIN CUMBERLAND 2	07															
EDGEMONT	3.78		.28							.05	.05					
FROSTBURG 2	4.48		.23							.37						
HAGERSTOWN	3.77		.38	T	.02	.08	T	.03	.25	.13	T	T		T		
HANCOCK FRUIT LAB	4.03		.33					.03	.13							
	4.15		.24					.03	.13							
ALLEGHENY PLATEAU MC HENRY 2 NW	08															
MERRILL	3.92		.37	.04	.02	.02	.23	.16	T							
OAKLAND 1 SE	3.01		.33	.01			.10	.02						T		
SAVAGE RIVER DAM	3.32	T	.29	.03			.27	.04								
	3.08		.23	.01			.09									

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION (CONT)

MARYLAND AND
DELAWARE
OCTOBER 1981

STATION	DAY OF MONTH															
	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
APPALACHIAN MOUNTAIN 07			.10	.20				.10	.05		.45	1.95	.55			
CUMBERLAND 2				.33				.20	.36		.12	1.92	.95			
EDGEMONT		T	.15	.12	T			.10	.03		.37	1.46	.93	T		T
FROSTBURG 2			.27					.47		.06	.83	1.46	.31			
HAGERSTOWN			.43					.29			.93	2.10				
HANCOCK FRUIT LAB																
ALLEGHENY PLATEAU 08			.15	.50	.04			.12	.14		.18	1.10	.82	T		
MC HENRY 2 NW	.03	T	.07	.20				.07			.26	1.18	.76			
MERRILL	.01		.54	.10				.24			.50	1.32	.03			
OAKLAND 1 SE	T		.12	.19	.06			.06			.32	1.34	.62			
SAVAGE RIVER DAM	T	T														

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION (INCHES)

MARYLAND AND
DELAWARE
OCTOBER 1981

STATION	TOTAL	DAY OF MONTH														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
DELAWARE																
NORTHERN 01																
MIDDLETOWN 1 WSW	3.75	.00	.69						.07	T						
NEWARK UNIVERSITY FARM	3.00	.00	.60						.02							
WILMINGTON WSO AP	2.84	.33	.09					.01	.02							
WILMGTON PORTER RESVR	4.14	.48	.56													
SOUTHERN 02																
BRIDGEVILLE 1 NW	2.73		.25						T	.35						
DOVER	2.50		.24					T								
GEORGETOWN 5 SW	3.62		.18					T		.40						
LEWES	3.42		.54							.72						
MILFORD 2 WSW	3.38		.34						T	.76			.02			

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION (CONT)

MARYLAND AND
DELAWARE
OCTOBER 1981

STATION	DAY OF MONTH															
	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
DELAWARE																
NORTHERN MIDDLETOWN 1 WSW 01				.44				.08	.51	.34	.83	.05	.72	T		
NEWARK UNIVERSITY FARM			T	.37				.18	.29	.06	.87	.16	.43	T		
WILMINGTON WSO AP			.37	T				.43	.01	.48	.40	.64		T		
WILMINGTON PORTER RESVR			.54	T				.58	T	.43	.65	.90		T		
SOUTHERN																
BRIDGEVILLE 1 NW 02				.67				.03	.23	.35	.58	.04	.20	.02	.01	T
DOVER				.45				.04	.35	.56	.50	.05	.28	.03		
GEORGETOWN 5 SW				.62					.27	.26	.66	.01	.10		.03	.35
LEWES				.56				.34	.26	*.38	.78	.02	.13	.07		
MILFORD 2 WSW			T	.51				T	.33	.38	.66	.05	.27	.06		

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES (°F)

MARYLAND AND
DELAWARE
OCTOBER 1981

STATION	DAY OF MONTH																															AVERAGE		
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31			
UPPER MARLBORO 3 NNW	MAX MIN	70 50	86 50	61 42	61 34	69 39	80 49	79 50	63 43	61 40	63 33	61 34	62 38	63 32	60 30	65 31	66 36	74 35	64 35	69 42	55 25	61 26	73 33	75 51	65 34	52 31	55 42	66 52	69 46	66 42	55 44	57 38	65.3 38.9	
NORTHERN EASTERN SHORE 05	MAX MIN	81 52	77 53	63 46	67 39	80 50	75 52	73 54	64 48	63 41	65 41	67 42	70 39	69 35	67 36	73 37	66 41	69 48	67 48	67 45	62 28	72 39	76 47	67 57	61 37	54 33	67 52	72 60	70 42	64 41	60 41	56 47	67.9 44.0	
CHESTERTOWN	MAX MIN	80 51	66 54	61 45	66 41	78 54	71 51	64 52	62 48	63 42	63 36	65 38	62 39	63 34	67 34	67 36	73 38	64 40	67 42	57 40	60 30	70 37	74 49	65 47	60 38	54 34	62 52	72 55	69 46	53 40	59 41	55 47	64.9 42.9	
MILLINGTON 2 WNW	MAX MIN	77 54	77 54	59 43	64 39	73 52	79 51	68 52	60 40	61 36	61 39	63 42	62 42	62 36	65 33	64 36	71 42	70 40	58 36	57 39	53 28	69 35	71 41	71 52	61 38	51 34	58 50	70 57	66 50	66 41	57 44	56 47	65.0 42.7	
ABERDEEN PHILLIPS FLD	MAX MIN	77 54	77 54	59 43	64 39	73 52	79 51	68 52	60 40	61 36	61 39	63 42	62 42	62 36	65 33	64 36	71 42	70 40	58 36	57 39	53 28	69 35	71 41	71 52	61 38	51 34	58 50	70 57	66 50	66 41	57 44	56 47	65.0 42.7	
BALTIMORE WSD CI	MAX MIN	84 60	64 50	62 48	69 45	82 58	73 62	63 54	62 50	64 45	60 44	62 50	62 48	63 43	66 42	64 45	72 50	67 44	64 48	56 43	62 38	70 46	72 54	64 48	52 40	53 41	60 52	68 57	68 51	53 46	58 47	55 49	64.4 48.3	
BENSON POLICE BARRACKS	MAX MIN	76 47	77 47	62 37	69 41	81 52	80 54	68 53	60 42	66 39	65 38	63 41	67 37	70 36	70 33	70 34	75 41	68 40	68 38	63 39	62 28	71 35	72 46	71 56	60 34	53 31	63 49	67 56	69 53	66 40	64 41	49 43	67.4 42.0	
BOYDS 2 NW	MAX MIN	82 52	81 50	58 43	65 39	76 51	76 55	72 52	58 46	62 39	58 40	61 47	61 43	62 36	66 36	67 37	70 41	64 40	63 38	63 39	61 28	71 35	73 46	68 56	54 34	47 31	57 49	67 56	65 53	60 40	59 41	55 43	64.3 42.7	
CATOCTIN MOUNTAIN PARK	MAX MIN	71 51	70 44	54 39	60 40	70 50	69 59	70 47	52 42	56 36	57 36	57 42	56 40	56 35	60 38	63 39	63 51	59 34	59 43	54 38	57 31	69 44	68 51	63 42	46 29	46 31	55 44	66 54	62 47	61 35	50 41	57 37	59.9 41.5	
CLARKSVILLE 3 NNE	MAX MIN	83 49	81 47	64 43	67 34	78 50	76 48	71 52	59 45	61 33	60 30	59 42	62 34	61 29	65 27	66 29	71 38	65 32	66 34	68 38	60 22	73 28	73 39	70 55	63 34	55 28	51 47	66 57	65 52	65 38	57 45	55 36	65.3 39.2	
CONOWINGO DAM	MAX MIN	73 51	63 49	54 43	67 39	79 51	69 51	64 50	58 44	62 40	63 36	62 41	62 37	63 33	66 36	65 38	71 40	68 39	60 39	54 39	59 35	72 66	70 65	61 46	49 33	50 33	56 46	62 51	67 47	53 43	51 41	54 48	62.4 41.6	
DAMASCUS 2 SW	MAX MIN	80 53	75 47	57 41	65 37	75 52	69 58	66 50	58 44	61 36	56 35	57 46	60 40	61 33	65 36	66 39	69 49	62 34	61 44	56 40	59 29	72 49	70 46	61 33	49 33	50 33	56 46	65 56	64 52	57 38	54 45	53 41	62.2 42.6	
EMMITSBURG 2 SE	MAX MIN	76 46	76 45	59 42	65 35	78 47	74 48	70 51	63 43	63 35	60 31	58 40	61 35	61 32	65 26	65 31	68 45	62 30	60 33	59 38	59 22	72 27	71 39	67 50	56 38	48 31	56 46	64 57	66 60	65 50	53 41	53 43	64.1 38.5	
FREDRICK POLICE BRKS	MAX MIN	80 53	80 52	60 44	65 40	77 54	76 55	73 56	59 49	62 44	58 47	63 42	62 47	63 37	64 34	65 38	69 53	62 41	60 43	60 45	60 40	75 38	72 48	70 48	61 51	49 34	50 33	56 46	65 54	64 54	57 40	54 47	53 40	62.4 44.4
PARKTON 2 SW	MAX MIN	77 48	61 43	60 37	65 34	77 48	70 53	61 40	61 40	60 34	59 34	57 39	60 35	60 32	65 31	64 34	71 42	62 33	57 38	53 33	59 26	73 33	72 42	60 43	50 31	50 29	59 49	65 54	65 42	50 35	59 36	52 41	61.7 38.3	
ROCKVILLE 3 NE	MAX MIN	78 50	76 48	58 40	68 40	75 35	78 48	70 52	61 45	62 34	60 32	61 40	61 38	60 35	64 30	68 38	72 40	69 34	60 38	63 40	61 29	70 34	70 45	68 50	60 35	60 35	60 49	67 57	68 44	68 40	60 43	60 41	65.7 40.3	
TOWSON	MAX MIN	82 54	80 51	60 43	65 42	79 43	76 46	70 51	61 49	61 45	62 39	59 45	63 42	65 39	66 41	67 39	70 41	70 45	67 45	60 40	58 30	76 40	73 48	64 36	54 35	51 36	57 39	67 53	66 53	62 41	59 45	54 46	65.2 43.7	
UNIONVILLE	MAX MIN	81 48	80 45	61 42	64 31	78 46	74 46	70 51	59 44	62 29	62 28	64 39	64 33	63 30	68 27	67 30	71 42	63 27	61 34	60 43	61 22	75 29	73 41	64 50	51 33	48 28	51 44	56 55	67 48	67 35	59 46	55 33	64.6 38.0	
WESTMINSTER POLICE BRK	MAX MIN	80 51	79 50	57 40	61 39	74 52	74 58	73 52	62 43	58 38	59 37	58 45	60 45	68 36	61 36	63 41	68 49	63 38	61 35	60 38	58 36	71 36	70 45	54 34	48 31	54 36	66 52	67 52	66 38	63 43	55 41	53 41	63.5 42.7	
WOODSTOCK	MAX MIN	80 53	78 51	59 44	65 38	80 55	77 50	70 52	59 43	62 37	61 34	60 43	62 36	62 34	66 30	65 33	71 43	63 42	65 36	60 41	60 25	73 30	73 42	67 53	53 33	51 29	57 50	67 56	67 52	61 41	59 45	54 39	64.7 41.6	
APPALACHIAN MOUNTAIN 07	MAX MIN	82 50	78 46	56 33	67 35	80 53	78 51	73 49	58 37	67 38	60 40	58 48	66 36	66 33	71 35	75 38	66 31	67 32	61 43	56 26	69 26	78 31	78 45	69 34	54 28	48 30	52 42	60 48	66 41	58 43	57 40	57 42	65.5 38.8	
FROSTBURG 2	MAX MIN	65 46	74 47	49 36	49 35	62 31	70 45	69 44	47 42	47 38	57 34	49 36	50 42	53 34	54 31	60 34	63 36	55 31	55 28	40 36	40 29	61 27	69 44	67 47	50 28	45 24	41 24	53 41	58 39	56 39	48 39	47 38	56.5 36.6	
HAGERSTOWN	MAX MIN	78 50	76 47	59 42	65 37	78 52	75 55	70 51	57 46	57 35	56 44	62 40	62 36	66 32	66 38	67 52	70 30	62 32	57 37	67 41	55 30	74 42	73 47	65 30	50 41	45 33	50 41	66 52	65 52	60 38	53 46	54 43	62.9 41.7	
HANCOCK FRUIT LAB	MAX MIN	72 48	72 47	54 44	66 32	76 48	76 47	73 50	55 47	59 33	54 32	54 41	60 43	59 29	62 30	66 33	67 52	60 30	60 33	56 43	63 25	73 29	73 39	71 42	48 33	50 28	50 44	64 54	64 35	50 45	54 45	55 37	61.8 39.6	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES (°F)

MARYLAND AND
DELAWARE
OCTOBER 1981

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		
ALLEGHENY PLATEAU 08 MC HENRY 2 NW	MAX	64	74	40	44	58	67	65	42	43	54	48	54	50	52	60	65	51	58	60	37	54	63	64	47	40	48	56	58	51	45	47	53.5
	MIN	49	38	35	33	34	52	40	38	36	36	36	41	30	32	36	42	31	30	31	28	30	44	46	22	22	30	44	38	38	38	36.3	
OAKLAND 1 SE	MAX	77	72	46	64	69	69	67	46	61	61	56	55	57	65	69	67	65	65	53	60	66	70	65	64	51	57	58	58	55	53	56	61.2
	MIN	46	37	37	26	49	51	40	41	35	37	38	43	35	37	32	47	22	44	30	25	27	34	40	25	23	40	45	30	41	40	37.1	
SAVAGE RIVER DAM	MAX	68	79	48	51	62	72	70	50	50	64	51	55	55	56	69	70	59	59	60	45	62	69	71	53	47	43	53	57	50	50	58.3	
	MIN	47	44	40	31	32	51	47	44	34	35	39	40	33	32	32	36	28	29	36	25	25	34	44	30	26	26	48	37	42	42	36.4	
DELAWARE NORTHERN 01 MIDDLETOWN 1 WSW	MAX	80	79	61	65	78	77	70	60	61	62	62	61	64	65	72	63	69	69	60	73	75	74	63	52	60	71	68	63	57	55	66.1	
	MIN	52	53	45	37	50	50	54	44	36	33	39	39	35	34	31	35	38	37	44	27	39	45	56	38	32	51	58	51	41	42	48	42.4
NEWARK UNIVERSITY FARM	MAX	77	77	58	65	77	77	68	60	61	61	63	63	61	66	66	71	67	63	69	60	71	74	70	62	52	59	68	67	63	56	53	65.2
	MIN	51	52	44	38	50	52	51	44	35	36	39	36	34	34	34	38	39	37	38	29	33	41	52	35	32	50	58	51	43	41	47	41.7
WILMINGTON WSO AP	MAX	80	64	61	66	79	70	62	61	62	61	62	63	63	67	65	74	64	63	55	60	70	71	65	53	54	62	69	70	52	57	55	63.9
	MIN	54	45	44	37	53	57	50	43	37	36	42	36	35	35	35	36	36	38	36	31	37	43	46	35	34	54	57	47	43	40	49	42.0
WILMGTON PORTER RESVR	MAX	75	73	58	64	75	68	60	61	60	58	61	59	60	64	63	71	63	61	55	58	68	65	64	55	51	60	70	67	51	55	55	62.2
	MIN	52	48	44	40	54	54	45	45	40	38	41	41	39	37	39	42	40	45	40	31	40	50	55	36	41	48	55	43	42	41	45	43.6
SOUTHERN 02 BRIDGEVILLE 1 NW	MAX	81	78	60	67	77	78	74	62	62	63	63	61	66	66	73	67	73	65	60	71	75	73	66	56	66	75	70	67	59	56	67.6	
	MIN	50	54	40	35	49	50	50	45	35	34	34	39	34	31	32	33	37	38	40	26	39	42	54	36	32	52	52	59	49	46	46	41.5
DOVER	MAX	79	78	60	63	77	76	74	61	60	60	60	60	61	65	64	72	71	72	70	60	70	72	71	66	54	61	66	67	66	56	66.0	
	MIN	54	54	44	40	52	54	54	46	40	37	40	40	41	39	36	40	41	41	41	29	44	50	57	36	40	52	57	52	46	45	41	44.6
GEORGETOWN 5 SW	MAX	68	82	66	61	67	77	79	64	62	67	63	61	60	56	63	64	72	66	71	56	58	70	74	72	66	72	68	75	69	57	66.5	
	MIN	51	57	44	35	44	52	54	47	45	34	39	38	35	32	33	35	37	39	45	26	30	44	48	36	41	36	56	52	50	49	49	42.4
LEWES	MAX	83	80		67	80	78		68	64	61	60	58	62	60	70	68	67	65		76	76	74	74		69	75	68	63	56	56	68.3	
	MIN	49	51	40	34	46	52	47	44	38	44	39	46	45	44	33	37	37	40		43	54		34		51	56	51	47	43	41	43.9	
MILFORD 2 WSW	MAX	80	80	58	65	76	75	74	63	61	59	61	58	57	62	63	72	69	71	70	59	70	74	70	71	53	64	73	70	65	55	66.6	
	MIN	52	56	41	36	48	53	51	42	36	37	39	39	36	34	35	37	37	40	40	27	41	50	58	36	34	53	53	59	62	48	46	43.4

SEE REFERENCE NOTES FOLLOWING STATION INDEX

EVAPORATION AND WIND

MARYLAND AND
DELAWARE
OCTOBER 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 BELTSVILLE 04	EVAP	09	12	20	10	08	12	07	-	10	*	19	02	11	11	11	06	2	*	12	01	10	09	09	09	-	26	12	04	11	14	16	
	WIND	7	35	12	56	13	19	50	10	6	6	10	6	17	18	10	4	8	2	22	40	60	13	13	28	26	22	27	39	29	24		
	MIN	56	56	42	46	43	56	52	45	42	42	42	46	43	42	40	43	33	42	42	45	37	35	39	48	39	44	42	54	47	48		
UPPER MARLBORO 3 NNW	EVAP	09	13	13	14	10	11	15	17	14	10	06	07	09	09	06	15	11	11	05	15	06	13	10	03	10	02	02	06	09	23		
	WIND	2	32	38	33	13	7	19	50	34	12	6	4	15	11	7	4	7	3	14	30	33	23	13	27	32	16	2	8	2	23		
	MIN	70	78	65	63	71	78	70	64	66	66	63	66	66	66	67	65	70	67	67	59	54	33	49	60	57	50	59	65	73	54		
ALLEGHENY PLATEAU 08 SAVAGE RIVER DAM	EVAP	16	-	14	03	00	08	04	05	05	11	05	16	01	09	08	00	06	20	1	4	06	24	*	*	18	*	*	02	09	04		
	WIND	16	39	70	50	17	19	54	79	49	18	22	25	25	21	32	32	70	20	42	45	46	*	*	12	8	30	43	47	68			
	MIN	68	70	51	49	64	73	63	50	53	64	52	52	53	54	61	61	62	65	65	40	45	52	58	56	50	48	40	52	47			
DELAWARE NORTHERN NEWARK UNIVERSITY FARM 01	EVAP	06	14	12	10	08	05	13	12	08	07	07	09	08	06	07	08	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	WIND	13	36	81	44	25	10	71	76	32	20	11	18	20	12	10	25	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	MIN	70	71	57	62	72	72	64	58	61	61	62	63	61	62	62	65	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
SOUTHERN GEORGETOWN 5 SW 02	EVAP	10	22	24	04	14	-	-	27	27	05	11	10	09	07	06	11	08	22	7	15	14	14	20	-	00	-	21	15	02	39		
	WIND	31	37	19	84	70	49	108	77	08	39	20	39	58	55	34	32	10	72	11	9	9	92	82	91	116	51	88	115	103	59		
	MIN	53	56	44	42	40	55	51	45	46	42	47	46	45	41	40	42	42	42	45	38	37	43	43	46	46	54	58	50	49	49		

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

SNOWFALL AND SNOW ON GROUND (INCHES)

MARYLAND AND
DELAWARE
OCTOBER 1981

STATION	DAY OF MONTH																															
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
MARYLAND NORTHERN CENTRAL 06																																
DAMASCUS 2 SW																																
PARKTON 2 SW																																
APPALACHIAN MOUNTAIN 07																																
FROSTBURG 2																																
ALLEGHENY PLATEAU 08																																
MC HENRY 2 NW																																
OAKLAND 1 SE																																

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

STATION INDEX

MARYLAND AND
DELAWARE
OCTOBER 1981

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	00115	06	HARFORD	39 28	76 10	57	4 P	4 P		C	H	ROSS AVIATION INC
ANNAPOLIS POLICE BRKS	01193	04	HARFORD	38 59	76 30	29	5 P	5 P			H	ANNAPOLIS POLICE BRKS
ASSATEAGUE STATE PARK	03335	01	WICOMICO	38 14	75 08	19	MID	MID		C	H	ASSATEAGUE STATE PARK
BALTIMORE WSO AP	04465	04	HARFORD	39 11	76 40	19	MID	MID		C	H	NATL WEATHER SERVICE
BALTIMORE WSO CI	04700	06	BALTIMORE CITY	39 17	76 37	19	MID	MID		C	H	OCMI COMMANDING OFFICER
BELTSVILLE POLICE BARRACKS	07000	04	HARFORD	39 02	76 53	13	8 A	8 A	8 A	C	H	US DEPT OF AGRICULTURE
BOYDS 2 NW	07332	06	HARFORD	39 30	76 23	33	6 P	5 P				MARYLAND STATE POLICE
BRIGHTON DAM	11250	06	MONTGOMERY	39 12	77 01	33	6 P	MID				HUNTER STATE POLICE
CAMBRIDGE WTR TRMT PL	13850	02	DORCHESTER	38 34	76 04	5	4 P	4 P			H	WASTEWATER TRTMT PLANT
CATOCTIN MOUNTAIN PARK	15300	06	FREDERICK	39 39	77 29	16	5 P	5 P		C	H	CATOCTIN MOUNTAIN PARK
CENTREVILLE	16270	05	QUEEN ANNES	39 03	76 04	6	5 P	5 P			H	MICHAEL B CATE
CHESTERTOWN	17500	05	KENT	39 13	76 04	4	11 P	11 P			H	THOMAS W ELIASON JR
CLARKSVILLE 3 NNE	18620	06	HOWARD	39 15	76 56	36	5 P	5 P			H	UNIVERSITY OF MARYLAND
COLLEGE PARK	19950	04	HARFORD	38 59	76 57	4	9 A	9 A		C	H	UNIVERSITY OF MARYLAND
CONOWINGO DAM	20600	06	HARFORD	39 39	76 10	4	MID	MID			H	SUSANNA ELECTRIC CO
CRISFIELD SOMERS COVE	22215	01	SOMERSET	37 59	75 52	21	5 P	5 P			H	SOMERS COVE MARINA
CUMBERLAND 2	22820	07	ALLEGANY	39 38	78 45	7	6 P	7 A			H	TIMOTHY B THOMAS
DAMASCUS 2 SW	23335	06	MONTGOMERY	39 16	77 14	7	7 P	7 P			H	RICHARD W SCHWERDT
DENTON 2 E	25233	02	CAROLINE	38 53	75 48	5	5 P	5 P			H	ARTHUR REINHOLD
EDGEMONT	27700	07	WASHINGTON	39 40	77 33	9	7 A	7 A			H	JOHN W HARNE
FREDERICKSBURG 2 SE	29060	06	FREDERICK	39 41	77 18	41	5 P	5 P			H	MRS LUCILLE K BEALE
FREDERICKSBURG	30900	02	CAROLINE	38 41	75 46	2	5 P	5 P		C	H	SEWAGE TREATMENT PLANT
FREDERICK POLICE BRKS	33480	06	FREDERICK	39 25	77 26	38	5 P	5 P			H	MARYLAND STATE POLICE
FREDERICK 3 E	33550	06	FREDERICK	39 24	77 22	38	7 A	7 A			H	MISS I MARY STALEY
FROSTBURG 2	34150	07	ALLEGANY	39 40	78 56	21	7 A	7 A			H	LEE K CLOSE
GLENN DALE BELL STN	36750	04	PRINCE GEORGES	38 58	76 48	15	4 P	4 P			H	USDA PLT INTRODUCT STN
HAGERSTOWN	39775	07	WASHINGTON	39 39	77 44	6	6 P	6 P			H	HAGERSTOWN RESERVOIR
HANCOCK FRUIT LAB	40300	07	WASHINGTON	39 42	78 11	4	4 P	4 P		C	H	SHARPSBURG RESEARCH C
LA PLATA 1 W	50800	03	CHARLES	38 32	77 00	14	6 P	6 P			H	C RUSSELL LEVERING
LAUREL 3 W	51110	04	PRINCE GEORGES	39 06	76 54	4	MID	MID			H	WASH SUB SANY COMM
MC HENRY 2 NW	58332	08	GARRETT	39 35	79 22	26	8 A	8 A		C	H	JOSEPH F JOHENNING
MECHANICSVILLE 1 SE	58650	03	ST MARYS	38 26	76 43	16	5 P	5 P			H	MRS EDITH R BENNETT
MERRILL	58940	08	GARRETT	39 26	79 05	17	5 P	9 A			H	DELWOOD E MERRILL
MILLINGTON 2 NNW	59850	09	KENT	39 16	75 52	3	5 P	5 P			H	MRS GERALDINE CONNOLLEY
NEW GERMANY 2	64100	08	GARRETT	39 37	79 08	2	5 P	5 P		C	H	LESTER BITTINGER
OAKLAND 1 SE	66220	08	GARRETT	39 24	79 24	2	5 P	5 P			H	MS CARA M WEBER
OWINGS FERRY LANDING	67700	03	CALVERT	38 41	76 40	16	5 P	5 P			H	JAMES E BOURNE JR
PARKTON 2 SW	68440	06	BALTIMORE	39 38	76 42	6	11 P	11 P		C	H	JOHN R FOX
PATUXENT RIVER	69150	03	ST MARYS	38 20	76 25	3	MID	MID			H	NAVAL WEATHER SERVICE
POTOMAC FILTER PLANT	72720	06	MONTGOMERY	39 02	77 15	2	5 P	MID			H	POTOMAC WATER FILT PLT
PRINCESS ANNE	73300	01	SOMERSET	38 13	75 41	2	5 P	5 P			H	MARYLAND STATE COLLEGE FRM
ROCKVILLE 3 NNE	77050	06	MONTGOMERY	39 07	77 06	4	4 P	4 P			H	MD NATL CAPITAL PARK
ROYAL OAK 2 SSW	78000	02	TALBOT	38 43	76 11	1	6 P	6 P			H	JOHN L SWAINE JR
SALISBURY	80000	01	WICOMICO	38 22	75 35	1	5 P	5 P			H	CITY OF SALISBURY
SALISBURY FAA AP	80050	01	WICOMICO	38 20	75 31	4	MID	MID			H	FAA
SAVAGE RIVER DAM	80650	08	GARRETT	39 31	79 08	14	8 A	8 A	8 A	C	H	US CORPS OF ENGINEERS
SINES DEEP CREEK	83150	08	GARRETT	39 32	79 25	2	6 P	6 P			H	PA ELECTRIC COMPANY
SNOW HILL 4 N	83800	01	WORCESTER	38 14	75 23	2	6 P	6 P			H	CURTIS E SHOCKLEY
SOLOMONS	84050	03	CALVERT	38 19	76 27	1	8 A	8 A			H	CHESAPEAKE BIO LAB
TOWSON	88770	06	BALTIMORE	39 23	76 34	3	6 P	6 P			H	BENEDIX FRIEZ
UNIONVILLE	90300	06	FREDERICK	39 27	77 11	3	6 P	6 P			H	GEORGE P VON EIFF JR
UPPER MARLBORO 3 NNW	90700	04	PRINCE GEORGES	38 29	76 47	9	8 A	8 A	8 A	C	H	TOBACCO EXP FARM
VIENNA	91400	02	DORCHESTER	38 29	75 50	1	6 P	6 P			H	DEL MARVA POWER & LIGHT

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

MARYLAND AND
DELAWARE
OCTOBER 1981

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 58 76 52	765 460	5 P 6 P	5 P 6 P		H	MARYLAND STATE POLICE JOHN A HILTZ
DISTRICT OF COLUMBIA DALECARLIA RESVR D C NATIONAL ARBORETUM D C	2325 6350	04 04		38 56 38 54	77 07 76 59	146 50	5 P 8 A	5 P 8 A		H	U S CORPS OF ENGINEERS U S NATL ARBORETUM
DELAWARE											
BRIDGEVILLE 1 NW	1330	00	SUSSEX	38 45	75 37	50	5 P	5 P		H	WILLIAM M RAY
DOVER	2730	02	KENT	39 09	75 31	30	5 P	5 P		H	STATE DIV OF HIGHWAYS
GEORGETOWN 5 SW	3570	02	SUSSEX	38 38	75 27	45	8 A	8 A	8 A C	H	UNIV OF DEL SUBSTATION
LEWES	3320	02	SUSSEX	38 46	75 08	15	5 P	5 P		H	BOARD OF PUBLIC WORKS
MIDDLETOWN 1 WSW	5852	01	NEW CASTLE	39 26	75 45	60	4 P	4 P		H	PIONEER HIBRED CORN CO
MILFORD 2 WSW	9915	02	SUSSEX	38 54	75 28	30	5 P	5 P		H	MRS BERNARD FRANKEL
NEWARK UNIVERSITY FARM	6410	01	NEW CASTLE	39 40	75 44	90	5 P	5 P	5 P C	H	UNIV OF DELAWARE
WILMINGTON WSO AP	9595	01	NEW CASTLE	39 40	75 36	79	MID	MID		C	NATL WEATHER SERVICE
WILMGTN PORTER RESVR R	6050	01	NEW CASTLE	39 46	75 32	274	MID	MID		H	WATER DEPARTMENT

SEE REFERENCE NOTES FOLLOWING STATION INDEX.

REFERENCE NOTES

MARYLAND AND
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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

RESULTANT WIND: The vector sum of wind velocity (direction and speed) divided by the number of observations. In "Supplemental Data" tables, resultant directions are in tens of degrees.

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.
- + Precipitation or temperature extremes occurred on one or more previous dates during the month.
- ++ Highest observed one minute wind speed. The station is not equipped with an instrument to measure fastest mile.
- * Gage not read. The precipitation included in the amount following the asterisks. Time distribution not known.
- // Gage equipped with a windshield.
- ~ Extreme occurred at a station with incomplete data. It may have been exceeded at that station.
- 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.
- B Adjusted monthly value of evaporation. Total evaporation amount is divided by number of recorded days, multiplied by number of days in the month.
- D Water equivalent of snowfall entirely or partially estimated, using a ratio of 1 inch water to every 10 inches of new snowfall.
- M Missing data. It appears with the average temperature in the "Monthly Summarized Station and Divisional Data" table if less than 10 days data are missing and it appears alone if 10 or more days are missing.
- R Amounts from recording gage.
- T Trace. An amount too small to measure.
- V Includes total for previous month.

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.
- H Observations appear in "Monthly Snowfall and Snow on Ground" table.
- J Observations appear in "Supplemental Data" 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".

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 bulletin. Blank entries in the "Daily Precipitation" and "Snowfall and Snow on Ground" tables indicate zero precipitation.

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

USCOMM-NOAA-ASHEVILLE, N.C. OCTOBER 1981-0895

MARYLAND AND DELAWARE - OCTOBER

SPECIAL WEATHER SUMMARY

October 1981 was a cloudy, cool month. Dry weather persisted across the two-state area with few brief interruptions until the 25th-27th when a coastal system brought widespread and soaking rains to the entire area. As a result of these three-day totals, most stations reported near or above normal monthly totals for October.

Monthly temperatures averaged 2 to 4° below normal except 1 to 2° below normal in the Garrett County area. Last October was also a cool month, especially in Western Maryland. This was the coolest October since 1976 for most of the two-state area east of Garrett County; the exception was Oakland in Garrett County where this October was actually the warmest since 1975. The National Weather Service station at Wilmington reported 15 consecutive days (7th-21st) with below normal temperatures. The Baltimore weather station's total was 8 days (8th-15th) but would have lacked 1 day in matching Wilmington's total except for the 16th with its departure of 1° above normal. The month's highest temperature, occurring mostly on the 1st, reached into the low and

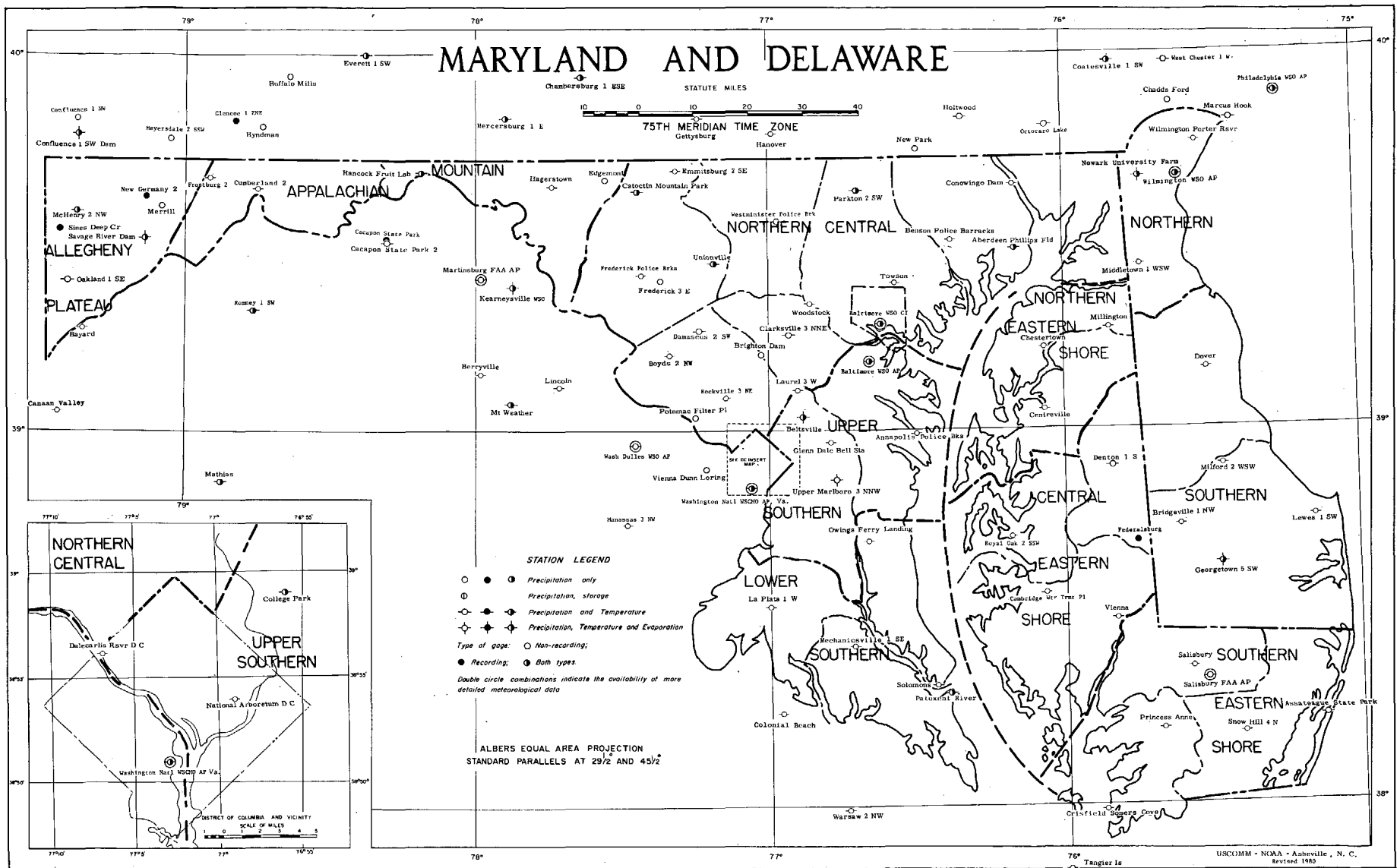
mid 80's except in mid to upper 70's in the Garrett County area. Lowest temperatures ranged mostly from low 20's to mid 30's. Most areas received a killing frost by the 20th.

Rainfall was much below normal until the general rains of the 25th-27th brought monthly totals more nearly normal or above normal. In Maryland, the greatest monthly totals, 4 inches and over, were found in Washington County and eastern Allegheny County; in northern Delaware, the Wilmington (Porter Reservoir) station recorded the state's maximum of 4.14 inches. Least monthly totals were found in Southern Eastern Shore where some stations reported less than 2 inches.

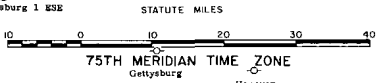
During the three-day period, 25th-27th, rainfalls ranged from 1 to 3 inches. Hancock, Allegheny County, received a total of 3.03 inches (73% of its monthly total) during this period.

No severe storms were reported during the month.

State Climatologist
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College Park, MD 20742



MARYLAND AND DELAWARE



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

