

Climatological Data



MARYLAND AND DELAWARE

TEMPERATURE AND PRECIPITATION EXTREMES

HIGHEST TEMPERATURE:	3 STATIONS	100	DATE 03+
LOWEST TEMPERATURE:	OAKLAND 1 SE	MD.	30 DATE 29
GREATEST TOTAL PRECIPITATION:	CAMBRIDGE WTR TRMT PL	MD.	6.23
LEAST TOTAL PRECIPITATION:	LAUREL 3 W	MD.	.79
GREATEST 1 DAY PRECIPITATION:	DOVER	DEL.	2.42 DATE 25

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				TRACE	.01-.09	.10-.49	.50-.99	1.00-1.99	2.00 AND OVER	TOTAL		
							EASTERN												
							01	07	13	19									
BALTIMORE WSO AP MD	25	0.7	6.9	32	NW	26	76	80	45	61	3	3	4	0	0	0	10	70	4.8
WILMINGTON WSO AP DEL	20	0.4	8.7	22++	16	17	81	83	48	65	4	1	2	1	0	0	8	-	5.0

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.

Daniel B. Mitchell

DIRECTOR
NATIONAL CLIMATIC CENTER

noaa

NATIONAL OCEANIC AND
ATMOSPHERIC ADMINISTRATION / ENVIRONMENTAL DATA AND
INFORMATION SERVICE

NATIONAL CLIMATIC CENTER
ASHEVILLE, N.C.

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

MARYLAND AND DELAWARE
SEPTEMBER 1980

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																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
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SEE REFERENCE NOTES FOLLOWING STATION INDEX

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

MARYLAND AND DELAWARE
SEPTEMBER 1980

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.	32° OR ABOVE	32° OR BELOW					TOTAL	MAX. DEPTH ON GROUND	DATE	.10 OR MORE	.50 OR MORE	1.00 OR MORE
HANCOCK FRUIT LAB DIVISION * * * ALLEGHENY PLATEAU 08 MC HENRY 2 NW OAKLAND 1 SE SAVAGE RIVER DAM DIVISION	80.0 73.4M 76.0 76.8	53.5 53.5M 51.6 52.2	66.8 67.7 63.5M 63.8 64.5	 2.2 3.6 3.9	93 3 85 84 88	3 4+ 2	34 27 37 30 35	27 28+ 29 27	61 124 90 88	120 86 63 80	3 0 0 0	0 0 0 0	0 0 0 0	1.59 1.57 2.85 3.05 1.79	- 1.47 - 1.47 - .04 - .04 - .58	.66 23 5 23	5 23 5 23	.0 0 0 0 0	0 0 0 0	4 6 7 4	2 2 2 1	0 0 0 0		

SEE REFERENCE NOTES FOLLOWING STATION INDEX

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

MARYLAND AND DELAWARE
SEPTEMBER 1980

STATION	TEMPERATURE														PRECIPITATION																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
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											30° OR ABOVE	32° OR ABOVE	32° OR BELOW	32° OR BELOW	32° OR BELOW	32° OR BELOW											TOTAL	MAX. DEPTH ON GROUND	DATE	.10 OR MORE	.50 OR MORE	1.00 OR MORE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
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SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION

MARYLAND AND DELAWARE
SEPTEMBER 1980

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 01																																		
ASSATEAGUE STATE PARK	3.48					T		.17			.62								2.00						.13	.19	.37							
CRISFIELD SOMERS COVE	.99							.09			.21															.71								.05
PRINCESS ANNE	.80							.26			.02																.35	.05						
SALISBURY	.84							.14			.02									.01						.14	.15	.10						
SALISBURY FAA AP	1.01										.16								.02							.02	.65							
SNOW HILL 4 N	1.17					.04		.43			.20								.10							.14	.22	.04						
CENTRAL EASTERN SHORE 02																																		
CAMBRIDGE MTR TRMT PL	6.23					1.92					.25								2.37							.30	1.39							
DENTON 1 S	4.62					1.30			T		.15	.22							1.51						T	.20	1.21	.03						
ROYAL OAK 2 SSW	4.75					1.42				.01	.33								1.48							.24	1.25	.02						
VIENNA	3.73					1.25				.07	.12								1.04							.13	.12	.94	.06					
LOWER SOUTHERN 03																																		
LA PLATA 1 W	2.43					T		.29			.17								.57						T	.58	.82	T						
MECHANICSVILLE 1 SE	2.53							.10			.41								.55							.47	1.05	.05						
OWINGS FERRY LANDING	1.51																									.24	.53							
PATUXENT RIVER	2.51					.91		.25			.14								.03	.19						.01	.41	.56	.01				T	
SOLOMONS	3.15					.08			.25		.18								.60							.40	1.64							
UPPER SOUTHERN 04																																		
ANNAPOLIS POLICE BRKS	4.46					.96		.88			.14								.83								1.63	.01						
BALTIMORE WSO AP	1.00					.16	.01				.26				.01			T	.11	.01							.44							
BELEVILLE	1.03					.01					.26								.02								.59	.16						
COLLEGE PARK	1.49					.11		.15			.39								.02								.75	.07						
DALECARLIA RESVR D C	1.75					.05					.45								.14								.78							
GLENN DALE BELL STA	2.90					.18		.66			.26								.49															
LAUREL 3 W	.79																		.19								.60							
NATIONAL ARBORETUM D C	2.21					.01		.47			.60								.05								.35	.65						
UPPER MARLBORO 3 NW	1.78					.18		T			.27						.28		.17								.46	.42						
NORTHERN EASTERN SHORE 05																																		
CENTREVILLE	5.94					2.09					.20								2.20								1.45							
CHESTERTOWN	2.31					.66		.01			.15				T			.40	.54								.55							
NORTHERN CENTRAL 06																																		
ABERDEEN PHILLIPS FLO	1.50			.07		.05					.11								.91								.44	.03						
BALTIMORE WSO C1	.97					.05	.07				.04								.31	.04							.39							
BENSON POLICE BARRACKS	1.07				.08	.03					.63																.30	.03						
BOYDS 2 NW	1.99					.46	.22				.46								.36								.49							
BRIGHTON DAM	1.60					.80	T												.25	.03							.52							
CATOCTIN MOUNTAIN PARK	2.09			.37	.55			.04		.05	.24								.14						.08		.17		.45					
CLARKSVILLE 3 NNE	1.24					.40			T		.15								.26								.42							
CONOWINGO DAM	1.22																		.45	.32							.39							
DAMASCUS 2 SW	1.73				T	.06	.35	.21	.01		.29				.02				.45	.32							.46	.01						
EMMITSBURG 2 SE	1.49					.20	.01	.01	.10		.14				.06				.13			.01	T				.63	.20						
FREDRICK POLICE BRKS	1.11					.23					.10								.03								.53	.04						
FREDERICK 3 E	1.76					.05		.35	.73	.03	.26								.27								.43	.03						
PARKTON 2 SW	1.01					.35		.16			.04								.21								.92							
POTOMAC FILTER PLANT	1.92					.28					.27								.10								.72							
ROCKVILLE 3 NE	1.94					.10	.36				.37								.39															
TOWSON	1.47					.21					.70																.36	.20						
UNIONVILLE	1.41				.02	.10		.13	.22	.19	.07								.32								.36							
WESTMINSTER POLICE BRK	1.31					.36		.12			.14								.30								.39	T						
WOODSTOCK	1.14					.20		.21			.10								.26								.34	.03						
APPALACHIAN MOUNTAIN 07																																		
CUMBERLAND 2	1.23					.10		.45	.19		.19								.02							.04	.24							
EDGEHART	2.24					.03			.15		.23								.07							.19	.05		.19	.31				
FROSTBURG 2	1.38		.02			.03		.45			.22															.10	.41							
HAGERSTOWN	2.09					.35		.42	.24	.22									.06							.06	.09		.20					
HANCOCK FRUIT LAB	1.59					.17		.66			.01								.56							.02	.15		.02					
ALLEGHENY PLATEAU 08																																		
MC HENRY 2 NW	2.85					.32		.50			.35						.17		.03							.08	.90	.07		.43				
MERRILL	2.34		.10			.20		.78			.33															.16	.60		.17					
OAKLAND 1 SE	3.05					.12		1.47	T		.10															.22	.51	T		.04				
SAVAGE RIVER DAM	1.79					.34		.41	T		.07						.36									.02	.57	T		.02				

DAILY PRECIPITATION

MARYLAND AND DELAWARE
SEPTEMBER 1980

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	
DELAWARE																																		
* * * NORTHERN 01																																		
MIDDLETOWN 1 WSW		2.31				.24													1.67								.40							
NEWARK UNIVERSITY FARM		1.82				.01													1.10								.60	.03						
WILMINGTON WSO AP		1.44																	.73	.17							.49							
WILMINGTON PORTER RESVR		2.14																	.63	.73							.59	.01						
* * * SOUTHERN 02																																		
BRIDGEVILLE 1 NW		4.04				.60			.48										.97								.08	.08	1.67	.03				
DOVER		4.30				.31													1.37									2.42						
GEORGETOWN 5 SW		3.25																	.70								.32	.04	.26	1.12				
MILFORD 2 WSW		1.92				.17		.31	.35										.45								.07	1.08	.03					

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES

MARYLAND AND DELAWARE
SEPTEMBER 1980

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 MIN	84 72	90 78	83 73	81 65	80 72	78 71	83 69	80 59	82 63	76 65	76 55	81 60	80 63	83 71	88 69	80 63	80 69	80 69	76 64	79 67	83 65	88 74	80 75	79 61	77 68	77 69	76 48	72 43	74 52	73 52	80.0 64.8	
CRISFIELD SOMERS COVE	MAX MIN	91 77	91 77	91 76	87 67	90 74	89 75	86 73		83	77 61	83 64	85 61	85 71	84 72	85 62	85 63	82 65	81 65	85 71	90 61	90 78	88 61	81 64	80 51	74 61	70 45	78 39	72 42	72 52	83.8 65.9		
PRINCESS ANNE	MAX MIN	95 75	96 75	95 73	89 57	85 63	90 66	87 67	85 52	86 53	82 67	80 52	86 48	86 50	89 64	89 68	82 55	88 61	87 71	81 56	84 55	90 64	92 70	92 70	88 59	76 62	76 71	74 45	69 39	73 42	73 52	84.8 60.1	
SALISBURY	MAX MIN	94 74	97 75	93 73	88 61	82 67	88 68	85 70	85 59	85 59	80 67	79 54	85 53	84 55	88 67	86 69	79 57	88 62	85 70	81 59	82 66	88 69	92 75	82 75	86 61	80 62	79 68	73 46	73 42	76 52	84.2 62.0		
SALISBURY FAA AP	MAX MIN	96 75	97 76	87 64	87 60	80 66	88 67	85 58	84 58	86 58	75 69	80 53	86 56	84 55	90 70	84 65	76 59	87 65	82 62	82 59	81 67	90 71	93 74	89 60	74 65	81 65	77 56	66 44	73 40	77 46	74 59	83.0 60.6	
SNOW HILL 4 M	MAX MIN	93 71	96 71	88 71	86 58	83 61	88 64	83 67	84 53	84 54	77 68	81 49	86 48	84 50	90 67	83 69	78 55	85 59	82 71	81 58	82 53	89 64	94 74	91 76	86 59	81 64	79 70	76 44	75 38	75 42	73 54	83.8 60.1	
CENTRAL EASTERN SHORE 02																																	
CAMBRIDGE WTR TRMT PL	MAX MIN	95 71	96 72	93 72	87 69	90 70	87 71	87 72	81 60	84 59	83 65	79 61	85 55	86 57	92 68	87 69	79 59	85 63	85 69	80 64	78 61	89 66	88 67	90 75	86 60	72 62	76 68	75 50	79 47	76 60	74 60	84.1 64.2	
DENTON 1 S	MAX MIN	95 74	97 74	91 71	91 60	84 66	89 71	84 68	85 60	87 58	82 65	79 52	87 52	87 55	90 67	84 68	79 57	88 67	85 67	79 63	81 58	88 65	92 69	87 75	80 56	72 63	71 43	68 44	76 48	72 56	83.5 62.0		
ROYAL OAK 2 SSW	MAX MIN	95 75	97 76	91 70	91 63	86 68	89 69	89 69	84 60	87 61	80 68	78 54	86 56	86 60	90 69	82 71	81 54	87 65	81 69	78 59	81 63	87 71	90 71	87 75	78 60	75 65	78 69	70 49	73 50	78 68	83.6 64.2		
VIENNA	MAX MIN	72 72	72 68		56 57	57 58		65 55		84	78 64	80 54	85 56	88 56	88 68	87 69	80 55	86 64	85 70	80 58	82 62	86 68	92 77	88 74	87 59			74 49	77 47			61.9	
LOWER SOUTHERN 03																																	
LA PLATA 1 W	MAX MIN	96 71	99 72	91 69	91 61	88 70	91 66	85 66	87 57	90 56	85 65	82 48	98 52	91 58	92 64	88 65	76 54	90 68	80 68	82 62	84 66	90 66	94 68	85 73	78 59	71 64	74 66	66 44	74 44	78 45	70 55	84.9 61.3	
MECHANICSVILLE 1 SE	MAX MIN	96 70	100 71	98 66	89 59	88 66	90 63				83 53	80 46	88 50	88 54	92 61	90 66	78 51	89 65	87 66	80 59	82 65	90 65	92 66	90 72	85 56	72 62	73 65	70 39	71 42	73 52	84.7 58.7		
OWINGS FERRY LANDING	MAX MIN	97 65	100 66	94 66	90 54	84 64	90 60	84 60	83 61	86 62	84 63	90 51	93 62	92 64	89 61	83 62	84 51	83 62	86 61	84 59	83 61	86 61	84 59	83 65	86 70	84 72	83 54	81 48	79 56	82 54	81 55	85.9 60.1	
PATUXENT RIVER	MAX MIN	98 74	98 76	88 95	88 68	85 72	88 70	82 67	82 64	85 65	79 64	80 61	83 62	84 61	92 70	81 68	77 62	88 61	80 61	79 66	81 66	91 70	91 72	90 75	75 62	76 65	76 58	67 50	71 50	76 54	74 60	82.8 65.3	
SOLOMONS	MAX MIN	95 68	95 72	89 69	89 69			87 64	86 64	85 65	80 65		82 56	93 63	82 59	86 61	87 69					92 65	90 71	90 58	76 60	76 67			74 50	75 61			
UPPER SOUTHERN 04																																	
ANNAPOLIS POLICE BRKS	MAX MIN	94 74	96 75	89 72	89 66	83 70	83 71	87 69	82 67	84 62	81 66	81 56	83 57	84 61	86 71	86 70	78 60	85 69	84 67	76 62	78 64	85 67	90 70	88 75	84 65	72 65	74 66	71 48	74 48	75 52	74 59	82.5 64.8	
BALTIMORE WSD AP	MAX MIN	98 70	98 73	89 67	90 63	86 70	91 68	84 66	85 63	90 59	82 63	81 52	84 53	86 57	91 67	80 63	77 54	91 67	79 63	81 59	82 64	91 64	94 69	87 69	74 63	70 64	73 52	67 40	76 45	75 48	74 60	83.5 60.9	
BELTSVILLE	MAX MIN	92 66	95 69	98 67	88 59	89 67	86 65	91 61	83 57	85 64	89 60	80 49	80 49	87 54	88 59	90 59	80 51	76 55	89 67	79 56	82 63	85 63	90 65	94 72	85 60	72 62	70 64	72 39	65 40	76 44	76 52	83.7 58.3	
COLLEGE PARK	MAX MIN	94 69	97 75	99 71	89 62	89 71	88 69	91 68	84 64	86 57	90 68	81 51	82 52	88 57	89 62	90 69	79 53	76 61	88 61	80 59	83 61	91 61	95 59	87 68	73 63	71 63	67 43	76 43	76 47	76 56	84.5 61.7		
DALECARLIA RESVR D C	MAX MIN	97 69	99 72	97 69	90 63	90 71	92 68	89 65	88 71	88 68	89 56	88 49	88 58	90 58	91 63		77 53	87 66	86 63	82 60	85 65	90 65	89 64	92 70	80 58	71 63	72 61	70 43	75 44	76 47	72 55	85.4 60.4	
GLENN DALE BELL STA	MAX MIN	92 63	98 68	96 65	88 57	88 66	92 64	91 61	84 57	88 52	87 65	80 44	87 48	86 53	89 59	88 53	80 46	89 65	87 65	81 56	81 60	93 60	93 72	91 59	83 61	72 64	73 61	72 43	73 43	76 51	75 51	85.0 57.3	
LAUREL 3 W	MAX MIN	97 71	99 74	90 69	92 71	90 65	91 68	83 66	87 63	89 64	81 60	82 54	89 55	89 60	91 54	80 55	76 52	88 66	80 60	83 66	83 66	91 66	94 68	86 72	77 60	63 52	72 46	68 46	78 46	77 52	73 57	84.2 61.5	
NATIONAL ARBORETUM D C	MAX MIN	94 74	98 75	100 71	91 62	91 62	90 69	91 66	83 64	85 59	90 59	80 51	81 51	89 54	89 66	91 69	81 52	75 68	90 68	80 57	80 60	82 65	89 70	84 72	83 61	72 62	72 63	74 44	66 46	76 46	77 49	84.6 60.6	
UPPER MARLBORO 3 NNH	MAX MIN	93 71	97 71	98 62	89 57	89 62	86 66	92 66	84 58	85 54	89 59	82 47	82 49	88 53	88 55	92 64	80 50	76 54	89 67	81 58	82 57	83 63	90 66	95 68	88 62	73 62	71 40	73 40	67 43	77 43	76 46	84.5 57.9	
NORTHERN EASTERN SHORE 05																																	
CENTREVILLE	MAX MIN	95 69	97 70	94 68	90 59	87 64	89 65	86 62	81 59	82 57	81 52	81 49	84 52	87 52	84 53	81 51	80 50	86 57	84 56	85 61	91 61	83 61	87 59	85 57	78 63	73 63	74 64	72 48	70 44	73 42	76 42	83.4 56.9	
CHESTERTOWN	MAX MIN	95 74	98 75	90 68	91 63	85 68	90 69	83 66	84 60	86 59	82 64	79 54	87 56	88 59	89 60	80 60	79 51	88 64	78 62	80 56	80 60	89 60	92 70	87 70	76 61	71 63	74 57	68 46	76 46	77 49	74 58	83.2 61.2	

DAILY TEMPERATURES

MARYLAND AND DELAWARE
SEPTEMBER 1980

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																																	
NORTHERN CENTRAL 06																																	
ABERDEEN PHILLIPS FLD	MAX MIN	94 73	96 71	95 67	88 67	88 69	89 65	88 68	84 59	85 58	85 69	79 51	86 50	87 59	85 63	83 60	76 50	87 66	85 68	78 54	79 56	88 68	90 67	90 72	85 59	76 60	72 63	71 46	73 41	74 51	74 57	83.7 60.9	
BALTIMORE WSO CI	MAX MIN	97 76	98 80	89 75	89 67	86 70	90 74	83 71	87 68	89 68	81 66	82 60	85 64	84 68	89 70	78 62	76 58	88 69	80 68	79 63	80 66	89 68	93 72	86 70	74 62	70 65	73 57	68 50	78 53	74 56	73 60	82.9 65.9	
BENSON POLICE BARRACKS	MAX MIN	96 71	95 71	95 68	90 60	89 68	92 68	92 65	87 59	87 57	84 67	83 52	88 53	88 56	88 66	83 61	79 50	84 63	83 65	83 52	82 55	88 61	92 68	92 69	84 56	77 59	74 60	73 42	78 41	78 47	77 54	85.4 59.7	
BOYDS 2 NW	MAX MIN	95 67	95 69	88 67	86 63	88 66	87 66	87 62	83 58	87 58	85 62	79 48	85 54	86 59	87 62	86 66	74 50	85 65	78 65	80 56	84 60	88 61	93 64	86 69	76 58	69 60	70 62	67 40	76 46	75 47	75 56	82.7 59.5	
CATOCTIN MOUNTAIN PARK	MAX MIN	86 69	85 65	78 60	79 63	81 67	81 67	76 59	75 57	78 61	78 62	73 50	78 57	80 60	78 63	77 61	65 60	78 61	74 60	74 55	76 61	78 65	84 69	80 70	71 54	68 57	64 40	60 40	68 49	77 49	78 54	75.9 58.6	
CLARKSVILLE 3 NNE	MAX MIN	99 64	99 65	94 64	88 56	89 68	91 65	89 62	85 56	89 52	88 67	81 45	88 57	88 51	90 59	88 62	75 60	85 66	85 60	83 53	84 53	90 61	95 64	90 70	82 54	71 62	71 54	67 36	78 37	74 43	74 49	85.0 56.6	
CONOWINGO DAM	MAX MIN	95 70	96 73	96 69	88 59	84 67	90 67	82 60	84 56	86 57	78 55	81 52	85 50	85 55	86 69	77 60	74 49	86 63	86 59	80 52	79 55	87 61	89 65	85 65	76 57	67 58	72 54	65 44	77 40	76 48	75 56	81.9 58.2	
DAMASCUS 2 SW	MAX MIN	94 68	96 65	86 60	86 63	88 67	87 67	81 59	83 57	86 61	76 56	78 50	85 57	87 59	86 64	77 62	73 53	83 64	79 64	80 56	81 61	87 65	91 67	83 70	74 54	67 60	69 57	65 40	74 37	73 43	74 55	81.0 59.7	
EMMITSBURG 2 SE	MAX MIN	95 65	98 66	92 65	87 55	90 66	90 63	88 65	85 54	88 53	89 65	82 43	85 47	88 53	87 57	86 66	72 46	83 65	84 64	83 48	82 51	88 61	94 67	91 70	79 53	73 59	68 58	68 37	77 38	76 45	74 52	84.1 56.6	
FREDRICK POLICE BRKS	MAX MIN	95 69	97 73	95 71	88 62	90 68	90 68	88 66	83 61	87 58	87 64	80 53	85 54	88 60	88 63	86 70	75 55	86 61	86 62	82 57	84 58	87 67	94 69	89 71	83 60	73 61	70 45	69 45	76 48	75 56	75 56	84.4 61.2	
PARKTON 2 SW	MAX MIN	91 65	93 67	83 63	85 55	84 65	87 66	79 58	81 53	84 53	76 50	79 46	83 49	85 54	83 60	74 52	71 46	83 62	76 55	80 49	77 53	87 60	91 65	85 63	73 51	65 44	71 37	65 43	75 39	72 45	73 52	79.7 54.6	
ROCKVILLE 3 NE	MAX MIN	96 62	96 62	92 62	87 55	89 66	89 61	89 59	87 54	89 50	88 65	83 43	88 45	91 51	90 58	87 61	80 46	87 63	86 66	83 53	84 53	90 61	95 61	89 68	78 59	70 59	72 40	70 37	78 37	75 50	84.9 56.7		
TOWSON	MAX MIN	97 61	95 62	90 57	90 58	89 63	91 67	81 62	86 53	85 53	82 63	86 53	87 63	87 58	86 66	85 66	80 48	86 66	85 66	82 56	80 62	89 64	93 69	80 58	77 58	72 45	72 45	70 46	77 46	78 47	74 46	84.0	
UNIONVILLE	MAX MIN	94 61	96 62	84 60	87 52	88 64	87 63	82 56	82 50	85 49	84 62	78 50	85 49	87 55	86 55	83 56	74 42	84 62	81 62	80 48	82 50	87 57	93 60	86 65	78 50	70 55	67 33	75 32	78 35	74 48	82.2 52.7		
WESTMINSTER POLICE BRK	MAX MIN	92 66	95 69	92 65	86 61	86 65	86 67	86 61	80 59	93 56	85 62	78 52	84 53	86 58	85 66	85 64	72 49	83 63	83 63	78 55	81 57	85 64	91 68	92 71	81 55	72 59	67 60	67 43	73 45	74 48	72 54	82.3 59.4	
WOODSTOCK	MAX MIN	96 66	97 69	92 67	89 58	88 69	89 68	86 64	85 57	88 55	84 65	82 47	88 50	88 55	88 66	86 65	74 48	87 66	84 66	83 56	81 56	89 64	93 66	86 71	89 58	78 62	72 62	67 40	77 40	75 45	73 56	83.8 59.2	
APPALACHIAN MOUNTAIN 07																																	
CUMBERLAND 2	MAX MIN	95 68	93 67	88 61	90 62	88 67	88 60	84 58	86 56	86 58	84 47	85 47	87 49	91 59	92 66	90 58	76 59	86 64	80 51	85 51	90 53	89 62	92 67	77 54	77 55	73 59	71 58	73 38	80 39	79 44	74 46	84.3 56.1	
FROSTBURG 2	MAX MIN	81 62	85 64	84 62	79 59	81 53	82 61	81 58	73 52	78 51	77 52	67 44	75 43	79 44	83 52	83 61	67 52	68 51	80 60	68 51	77 49	80 54	80 61	83 65	69 49	68 49	68 52	59 36	61 36	70 44	68 45	75.1 52.4	
HAGERSTOWN	MAX MIN	95 68	94 70	85 65	87 60	88 60	87 61	83 60	83 58	86 57	81 60	80 48	85 51	87 57	86 63	82 65	70 52	85 65	78 62	81 52	82 55	85 62	92 64	79 69	77 54	71 59	68 57	68 43	71 43	75 47	74 52	81.5 58.0	
HANCOCK FRUIT LAB	MAX MIN	89 64	92 65	93 62	85 55	86 60	87 63	87 57	79 53	80 52	83 60	74 42	78 44	80 51	84 56	85 63	74 55	70 59	86 59	77 50	79 50	82 52	84 56	91 63	77 52	73 55	68 34	67 34	64 37	72 40	73 41	80.0 53.5	
ALLEGHENY PLATEAU 08																																	
MC HENRY 2 NW	MAX MIN	80 62	84 64	80 61	79 60	85 60	80 60							83 56	80 58	62 50	70 50	77 56	63 50	78 53	78 57	77 65	78 63	64 46	68 46	72 47	57 37	58 37	68 45	68 48	73.4 53.5		
OAKLAND 1 SE	MAX MIN	84 60	81 60	81 60	84 55	82 66	81 60	76 53	78 54	77 50	75 51	74 40	81 42	82 47	81 55	75 60	74 51	77 60	70 52	79 52	79 46	79 56	81 66	73 66	65 54	73 55	71 32	62 31	71 30	70 44	76.0 51.6		
SAVAGE RIVER DAM	MAX MIN	82 62	88 62	87 62	85 55	83 55	83 61	83 56	78 52	80 51	79 59	67 44	77 44	79 48	81 51	83 60	70 54	71 55	79 60	71 52	74 49	81 50	82 62	84 65	70 51	68 50	70 35	61 35	65 36	74 40	69 41	76.8 52.2	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES

MARYLAND AND DELAWARE
SEPTEMBER 1980

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	
DELAWARE																																	
* * *																																	
NORTHERN 01																																	
MIDDLETOWN 1 WSW	MAX MIN	96 70	99 70	97 68	90 57	87 66	89 68	83 63	85 55	88 54	86 65	81 50	88 50	87 54	88 67	86 64	78 49	89 62	89 66	79 53	81 56	90 64	90 69	89 72	80 58	69 60	75 66	69 43	76 41	76 47	72 56	84.4 59.4	
NEWARK UNIVERSITY FARM	MAX MIN	96 71	98 72	97 66	90 58	89 68	92 67	91 65	85 55	89 56	88 67	81 51	88 52	87 56	85 67	85 66	75 52	85 63	85 67	80 52	80 55	90 61	94 69	93 73	83 57	75 59	72 63	70 40	76 41	75 49	85.3 59.9		
WILMINGTON WSD AP	MAX MIN	96 73	98 74	89 67	88 60	82 71	88 68	84 63	85 59	87 60	83 59	81 53	85 55	82 64	87 69	79 61	75 52	85 64	78 60	80 54	79 57	87 65	91 70	89 65	75 58	68 61	74 52	65 45	75 45	74 52	74 60	82.1 60.5	
WILMGTON PORTER RESYR	MAX MIN	94 74	95 75	89 72	88 62	83 68	89 70	82 65	84 62	84 64	81 60	80 58	84 62	84 65	83 67	75 59	75 55	84 64	76 59	78 54	77 58	87 63	90 68	85 63	73 59	65 59	71 53	64 45	74 55	70 55	73 60	80.6 61.8	
* * *																																	
SOUTHERN 02																																	
BRIDGEVILLE 1 NW	MAX MIN	96 71	98 70	93 68	91 55	84 62	88 65	82 65	84 56	85 54	83 64	81 48	88 47	85 50	91 64	85 66	77 52	89 57	86 66	80 54	82 54	89 61	92 65	90 70	82 56	72 59	73 65	73 42	75 40	75 43	73 54	84.1 58.1	
DOVER	MAX MIN	94 73	97 74	96 72	87 60	82 66	85 68	85 69	82 61	86 57	84 66	82 54	85 55	82 58	90 60	88 67	78 56	90 64	89 67	78 56	80 58	88 66	92 69	91 73	86 61	72 64	75 57	74 44	75 45	74 49	75 58	84.1 61.6	
GEORGETOWN 5 SW	MAX MIN	91 73	95 73	97 70	88 56	88 65	81 64	88 68	81 56	82 55	87 64	76 50	80 50	88 52	87 67	90 68	81 51	76 57	88 66	78 57	79 55	82 60	89 70	91 72	85 58	72 61	75 66	75 44	64 41	73 45	75 45	82.7 59.3	
MILFORD 2 WSW	MAX MIN	97 73	99 74	95 69	92 68	84 65	88 69	86 62	85 57	88 55	85 66	81 50	87 50	87 65	92 67	88 68	77 54	91 62	86 69	80 56	84 57	91 64	95 69	90 74	84 59	73 65	76 68	72 40	75 42	77 48	75 55	85.3 61.3	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

EVAPORATION AND WIND

MARYLAND AND DELAWARE
SEPTEMBER 1980

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	EVAP	.09	.19	.22	.26	.19	.13	.20	.27	.23	.20	.24	.23	.22	.22	.15	.22	.13	.14	.11	.19	.14	.10	.22	.32	.15	.02	.34	.14	.14	.14	5.54	
	WIND	5	8	11	17	27	19	20	43	13	28	45	16	29	28	11	48	45	43	18	18	26	13	26	67	30	20	86	34	11	25	831	
	MAX	94	96	97	92	85	90	93	87	90	-	85	85	98	86	88	82	76	87	79	84	90	88	92	83	72	70	77	70	74	78	85.1	
	MIN	72	72	72	66	66	71	69	63	62	-	55	56	52	60	60	57	57	68	63	63	65	65	72	55	54	64	48	48	49	54	61.3	
UPPER MARLBORO 3 NNW																																	
	EVAP	.32	.21	.23	.25	.06	.10	.20	.26	.31	.19	.19	.21	.27	.20	.09	.15	.07	.21	.12	.11	.06	.18	.27	.12	.07	.09	.29	.22	.11	.12	5.28	
	WIND	4	0	6	16	5	5	6	24	11	29	22	9	10	14	13	24	14	18	4	6	13	7	14	27	15	5	35	18	8	18	400	
	MAX	94	96	95	92	90	90	92	88	89	87	84	84	88	88	88	81	77	89	80	85	79	89	93	85	71	70	78	72	75	79	84.9	
	MIN	71	72	72	65	64	70	69	63	61	60	56	55	57	61	67	57	56	66	63	62	62	65	69	60	68	64	49	48	49	51	61.7	
* * * ALLEGHENY PLATEAU 08																																	
SAVAGE RIVER DAM	EVAP	-	.12	.18	.17	.12	.16	.12	.20	.13	.11	.37	-	.10	.09	.27	.11	.11	.08	.17	.06	.04	.02	.08	.09	.06	-	-	.10	.10	.10	3.768	
	WIND	-	21	29	17	23	31	32	32	27	36	50	30	26	22	35	34	40	64	20	20	8	10	27	40	20	36	74	.30	8	40	9128	
	MAX	87	91	87	91	88	89	85	86	88	81	81	85	81	85	82	72	72	72	82	82	79	78	81	72	72	71	67	68	73	71	80.0	
	MIN	64	66	62	61	62	64	60	58	58	57	50	48	49	58	63	57	57	56	55	55	56	63	66	54	55	51	42	41	45	46	56.0	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

EVAPORATION AND WIND

MARYLAND AND DELAWARE
SEPTEMBER 1980

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	.22	.22	.10	.27	*	.35	.29	.22	.22	.21	.25	-	-	.13	.20	.17	.07	.07	.24	.16	.08	.11	.12	.33	.08	.03	.34	.12	.03	-	5.148	
	WIND	20	19	28	17	16	18	28	21	22	33	30	17	17	22	28	24	36	22	15	12	14	21	30	34	43	55	48	16	35	-	7678	
	MAX	96	97	98	90	86	92	92	87	85	85	85	85	85	82	81	77	79	81	81	88	90	91	83	75	74	73	74	74	-	-	84.5	
	MIN	85	82	78	73	78	82	79	68	70	76	62	67	76	80	76	64	70	76	66	71	75	80	81	65	67	70	59	59	61	-	72.3	

SOUTHERN 02																																	
GEORGETOWN 5 SW	EVAP	.34	.26	.34	.28	.25	.04	.24	.30	.22	.29	.08	.21	.22	.19	.25	.19	.23	.16	.24	.19	.16	.17	.32	.22	.09	.16	.35	.06	.20	.13	6.38	
	WIND	102	73	83	41	43	20	45	49	34	106	28	33	29	51	75	76	50	87	36	25	74	72	69	70	50	54	86	47	34	44	1686	
	MAX	93	95	80	80	83	80	78	87	84	74	77	83	80	74	73	82	76	72	79	73	77	90	85	88	73	73	79	71	74	79	79.7	
	MIN	74	74	70	65	65	70	68	63	63	64	57	57	61	64	70	61	59	64	63	62	62	67	72	63	62	65	50	49	52	52	62.9	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

MARYLAND AND DELAWARE
SEPTEMBER, 1980

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	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	OCMI COMMANDING OFFICER
BELTSVILLE	0700	04	PRN GEORGES		39 02	76 53	120	8A	8A	8AC	H	U S DEPT OF AGRICULTURE
BENSON POLICE BARRACKS	0732	06	HARFORD		39 30	76 23	365	5P	5P			MARYLAND STATE POLICE
BOYDS 2 NW	1032	06	MONTGOMERY		39 13	77 20	580	6P	6P			HUNTER F STALEY
BRIGHTON DAM	1125	06	MONTGOMERY		39 12	77 01	330		MID			WASH SUB SANY COMM
CAMBRIDGE WTR TRMT PL	1385	02	DORCHESTER		38 34	76 04	5	4P	4P		H	WASTEWATER TRTMT. 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	20	5P	5P		H	VICTOR F KENNEDY
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			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			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 1 S	2523	02	CAROLINE		38 53	75 50	20	6P	6P		H	EMORY DOBSON
EDGEMONT	2770	07	WASHINGTON		39 40	77 33	905		7A			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			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			HAGERSTOWN RESERVOIR
HANCOCK FRUIT LAB	4030	07	WASHINGTON		39 42	78 11	428	8A	8A		C H	U OF MD FRUIT LAB
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			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			MRS EDITH R BENNETT
MERRILL	5894	08	GARRETT		39 36	79 05	1790		9A			DELWOOD E MERRILL
MILLINGTON	5985	05	KENT		39 16	75 51	30	6P	6P		H	INACTIVE 02/29/80
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			WASH SANITARY COMM
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			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	8AC	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			CHESAPEAKE BIOL LAB
TOWSON	8877	06	BALTIMORE		39 23	76 34	390	6P	6P			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			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
SEPTEMBER 1980

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 STATE DIV OF HIGHWAYS UNIV OF DEL SUBSTATION INACTIVE 05/31/80 PIONEER HIBRED CORN CO MRS BERNARD FRANKEL UNIV OF DELAWARE NATL WEATHER SERVICE WATER DEPARTMENT
DOVER	2730	02	KENT		39 09	75 31	30	5P	5P		H	
GEORGETOWN 5 SW	3570	02	SUSSEX		38 38	75 27	45	8A	8A	8AC	H	
LEWES 1 SW	5320	02	SUSSEX		38 46	75 09	20	6P	MID		H	
MIDDLETOWN 1 WSW	5852	01	NEW CASTLE		39 26	75 45	60	4P	4P		H	
MILFORD 2 WSW	5915	02	SUSSEX		38 54	75 28	30	5P	5P		H	
NEWARK UNIVERSITY FARM	6410	01	NEW CASTLE		39 40	75 44	90	5P	5P	5PC	H	
WILMINGTON WSO AP	9595	01	NEW CASTLE		39 40	75 36	79	MID	MID		C HJ	
WILMGTN PORTER RESVR	9605	01	NEW CASTLE		39 46	75 32	274	MID	MID		H	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

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 degree day totals are the sums of the negative departures 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.

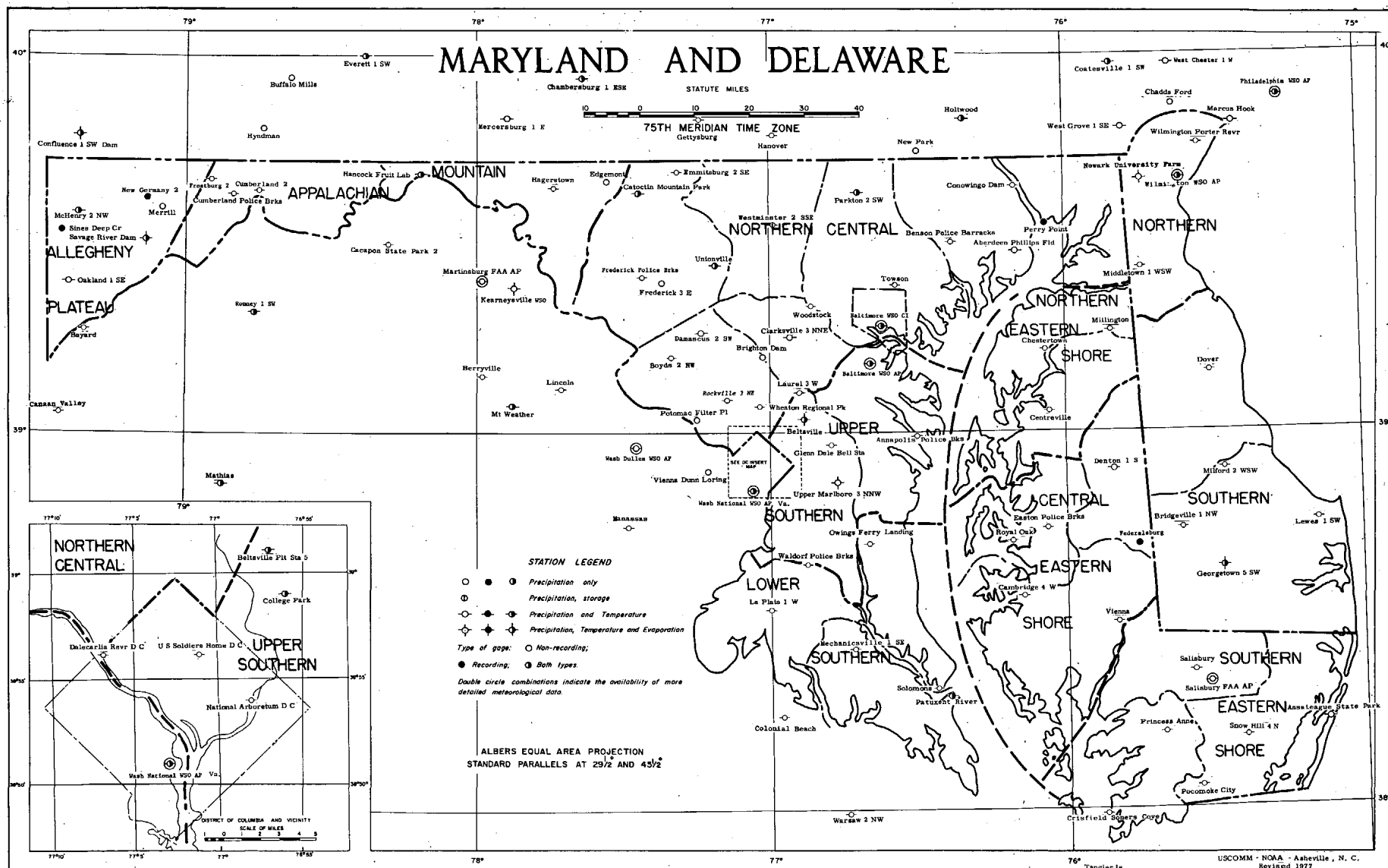
Stations appearing in the tables with no data were either missing or received too late to be included in this issue.

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

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