

# Climatological Data



## MARYLAND AND DELAWARE

### TEMPERATURE AND PRECIPITATION EXTREMES

HIGHEST TEMPERATURE:	CUMBERLAND 2	MD.	73	DATE 11
LOWEST TEMPERATURE:	OAKLAND 1 SE	MD.	-2	DATE 03
GREATEST TOTAL PRECIPITATION:	MC HENRY 2 NW	MD.	2.85	
LEAST TOTAL PRECIPITATION:	ASSATEAGUE STATE PARK	MD.	.41	
GREATEST 1 DAY PRECIPITATION:	CATOCTIN MOUNTAIN PARK	MD.	1.61	DATE 25
GREATEST TOTAL SNOWFALL:	OAKLAND 1 SE	MD.	13.0	
GREATEST DEPTH OF SNOW OR ICE:	OAKLAND 1 SE	MD.	9	DATE 02

### 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																
BALTIMORE WSO AP MD * FROM DAILY AVERAGES OF 24-HOURLY OBSERVATIONS	28	4.6	9.4	33	NW	17	01	07	13	19	63	69	48	61	6	3	2	0	0	0	11	59	4.9
WILMINGTON WSO AP DEL	31	4.2	8.6	30++	31	08	68	69	50	62	4	2	5	0	0	0	11	-	5.5				

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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DIRECTOR  
NATIONAL CLIMATIC CENTER

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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  
DECEMBER 1979

STATION	TEMPERATURE										PRECIPITATION										
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST DATE	LOWEST DATE	DEGREE DAYS	NO. OF DAYS				TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY DATE	SNOW, SLEET		NO. OF DAYS				
								30° OR ABOVE	30° OR BELOW	32° OR BELOW	32° OR BELOW				TOTAL	TOTAL	MAX. DEPTH ON GROUND	DATE	1.0 OR MORE	.50 OR MORE	1.00 OR MORE
PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT					
MARYLAND																					
* * * SOUTHERN EASTERN SHORE 01																					
ASSATEAGUE STATE PARK	52.3M	34.5M	43.4M		65 12	23 19	662	0	0	12	0	1.41		.19 7		0	0	0			
CRISFIELD SOMERS COVE	49.3M	33.6M	41.5M	.9		22 17+	727	0	0	11	0	1.13		.0 0		0	0	0			
PRINCESS ANNE	52.1	33.5	42.8		65 12	21 1	682	0	0	15	0	1.47		.42 7		0	0	0			
SALISBURY	49.6	31.3	40.5	1.2	61 25	21 19	753	0	0	17	0	1.62		.53 13		5	1	0			
SALISBURY FAA AP	51.7	33.2	42.5		67 12	18 18	690	0	0	16	0	1.31		.63 6	T	0	0	0			
SNOW HILL 4 N	52.5	32.4	42.5	4.0	65 12+	18 18	692	0	0	16	0	1.49		.49 7	T	0	5	0			
DIVISION			42.2	3.2								1.24			T						
* * * CENTRAL EASTERN SHORE 02																					
CAMBRIDGE WTR TRMT PL	51.1	33.2	42.2		66 12	22 18	703	0	0	15	0	2.17	-1.33	1.20 13	.0	0	4	1			
DENTON 1 S	50.6	30.8	40.7	3.8	68 12	20 19+	745	0	0	21	0	2.02	-1.43	.71 13	T	0	4	2			
ROYAL OAK 2 SSW	49.3	33.9	41.6		66 12	23 18	718	0	1	16	0	1.74		.87 13	T	0	0	0			
VIENNA	50.8M	32.3M	41.6M		65 26	21 18	714	0	1	0	0	1.57		.64 7	T	0	3	1			
DIVISION			41.5	3.7								1.88	-1.58		T						
* * * LOWER SOUTHERN 03																					
LA PLATA 1 W	51.1	30.5	40.8	4.0	72 12	15 18	741	0	1	22	0	1.39	-2.00	.87 13	T	0	3	1			
MECHANICSVILLE 1 SE	50.8M	26.0M	38.4M		69 12	9 18	817	0	0	0	0	1.82		1.50 13	.0	0	2	1			
OWINGS FERRY LANDING																					
PATUXENT RIVER	51.3	34.6	43.0		71 12	19 18	674	0	0	11	0	1.39		.75 13	T	0	3	1			
SOLOMONS	49.1	34.9	42.0	2.2	70 12	21 18	707	0	0	11	0	1.51	-1.76	.63 13	.0	0	4	1			
DIVISION			41.1	3.5								1.53	-1.83		T						
* * * UPPER SOUTHERN 04																					
ANNAPOLIS POLICE BRKS	50.7M	32.0	41.4M	4.5	68 12	18 2	720	0	0	20	0	1.17	-2.15	.58 25	.0	0	3	1			
BALTIMORE WSO AP	50.2	30.4	40.3	5.0	71 12	17 18	757	0	1	21	0	1.87	-2.39	.46 13	.1	0	4	0			
BELTSVILLE	47.8	29.0	38.4		68 13	20 18+	817	0	2	24	0	1.45		.51 26+	.0	0	2	1			
COLLEGE PARK	48.5	31.5	40.0	3.5	69 13	21 18	769	0	2	17	0	1.02		.56 25	T	0	0	0			
DALECARLIA RESV D C	50.3	29.3	39.8		71 12	19 21+	774	0	1	23	0	1.04		.50 25	.0	0	1	0			
GLENN DALE BELL STA	51.2	27.7	39.5	4.0	70 12	17 15	786	0	1	22	0	1.10	-2.15	.40 25	T	0	3	0			
LAUREL 3 W	48.3	30.6	39.5		67 12	18 17	784	0	0	19	0	1.05		.52 13	T	0	3	0			
NATIONAL ARBORETUM D C	49.5	30.9	40.2		70 13	21 18	762	0	2	20	0	.91		.49 25	.0	0	3	0			
UPPER MARLBORO 3 NNW	48.9	28.4M	38.7M		72 13	17 18	805	0	2	23	0	.87		.37 14	T	0	3	0			
DIVISION			39.8	3.7								1.05	-2.17		T						
* * * NORTHERN EASTERN SHORE 05																					
CENTREVILLE	49.1	30.0	39.6		63 25	22 21+	784	0	0	24	0	1.04		.51 25	T	T	19	3			
CHESTERTOWN	48.0	31.5	39.8	3.3	64 12	21 19	776	0	2	18	0	1.50	-2.12	.66 25	T	0	4	1			
MILLINGTON	46.2	25.1	35.7	.2	62 12	15 21+	905	0	2	24	0	1.54	-1.80	.50 13	.0	0	5	1			
DIVISION			38.4	1.9								1.36	-2.06		T						
* * * NORTHERN CENTRAL 06																					
ABERDEEN PHILLIPS FLD	47.6M	29.8M	38.7M		64 12	19 18	808	0	2	21	0	1.45		.0 0	.0	0	3	1			
BALTIMORE WSO CI	50.7	36.2	43.5	5.0	72 12	24 18+	660	0	0	9	0	1.26	-2.18	1.35 25	.0	0	4	2			
BENSON POLICE BARRACKS					65 12							2.23		.0 0			3	0			
BOYDS 2 NW	48.1	30.4	39.3		70 12	17 18	794	0	2	20	0	1.04		.45 25+	.0	0	3	0			
CATOCTIN MOUNTAIN PARK	42.9	28.4	35.7		65 12	14 18	901	0	5	22	0	2.28		1.61 25	.3	T	20+	2			
CLARKSVILLE 3 NNE	49.2	27.8	38.5		70 12	17 18	814	0	1	24	0	1.10		.47 13	T	0	3	0			
CONOWINGO DAM	45.5	28.5	37.0	3.8	58 25	18 18	858	0	3	21	0	2.04	-1.56	.96 25	.0	0	4	2			
DAMASCUS 2 SW	46.8	30.3	38.6		68 12	17 18	810	0	3	20	0	1.00		.48 13	.1	T	20	3			
EMMITSBURG 2 SE	47.1	27.6	37.4		66 12	16 18	850	0	2	24	0	1.46		.70 25	.5	T	21+	3			
FREDRICK POLICE BRKS	49.3	30.8	40.1		68 12	18 18+	765	0	1	19	0	1.11		.65 25	.0	T	0	3			
PARKTON 2 SW	47.3	26.8	37.1		68 12	13 18	860	0	3	26	0	1.09		.49 25	T	T	20	3			
ROCKVILLE 3 NE	51.3	27.2	39.3		72 12	15 14	789	0	0	20	0	1.12		.54 25	T	0	2	0			
TOWSON	49.9M	32.4M	40.7M		62 13		746	0	1	16	0	1.97		1.10 25	T	0	4	2			
UNIONVILLE	47.9	26.5	37.2	4.6	70 12	15 18	854	0	2	24	0	1.12	-2.08	.50 13	T	T	20	4			
WESTMINSTER POLICE BRK	46.7	29.5	38.1		67 12	15 18+	828	0	3	21	0	1.20		.52 13	T	T	20	3			
HOODSTOCK	48.3	29.3	38.8	4.7	70 12	17 18	805	0	3	21	0	.93	-2.34	.45 13	.5	0	3	0			
DIVISION			38.7	4.3								1.40	-1.96		.1						
* * * APPALACHIAN MOUNTAIN 07																					
CUMBERLAND 2	50.8	28.0	39.4		73 11	15 17	785	0	0	23	0	1.56		.86 25	1.0	1	2	2			
FROSTBURG 2	39.4	23.9	31.7		63 12	9 19+	1026	0	11	27	0	1.89		1.01 25	9.0	4	3+	1			
HAGERSTOWN	47.3	30.0	38.7		69 12	15 18	809	0	1	20	0	1.71		1.14 25	T	0	2	2			

SEE REFERENCE NOTES FOLLOWING STATION INDEX

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

MARYLAND AND DELAWARE  
DECEMBER 1979

STATION	TEMPERATURE													PRECIPITATION									
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST		LOWEST		DEGREE DAYS	NO. OF DAYS				TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	SNOW, SLEET			NO. OF DAYS		
					DATE	DATE	DATE	DATE		MAX.	MIN.	1.00 OR MORE	.50 OR MORE					1.00 OR MORE					
	SEP. OR COLDER	30° OR COLDER	32° OR BELOW	32° OR BELOW	30° OR BELOW	DATE	DATE	DATE	DATE	TOTAL	MAX. DEPTH ON GROUND	DATE	.10 OR MORE	.50 OR MORE	1.00 OR MORE								
HANCOCK FRUIT LAB DIVISION	45.4	26.5	36.0		70	12	17	18+	895	0	3	26	0	1.84	-.71	1.06	25	1.3	1	2	3	1	1
* * * ALLEGHENY PLATEAU 08			36.5	3.4										1.75	- 1.03			2.8					
MC HENRY 2 NW	37.9	22.5	30.2		80	12	6	19+	1068	0	10	26	0	2.85		.85	25	8.0	4	3+	6	2	0
OAKLAND 1 SE	44.9	21.5	33.2	4.0	64	24	- 2	3	978	0	3	26	1	1.78	- 2.03	2.13	25	3.0	3	3	3	1	0
SAVAGE RIVER DAM	41.2	24.5	32.9		61	13+	12	18+	988	0	7	28	0	1.57		.79	25	3.0	3	3	3	1	0
DIVISION			32.1	3.4										2.07	- 1.47			8.0					

SEE REFERENCE NOTES FOLLOWING STATION INDEX

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

MARYLAND AND DELAWARE  
DECEMBER 1979

STATION	TEMPERATURE											PRECIPITATION												
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	DEGREE DAYS	NO. OF DAYS				TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	TOTAL	SNOW, SLEET			NO. OF DAYS		
										MAX.		MIN.							TOTAL	MAX. DEPTH ON GROUND	DATE	.10 OR MORE	.50 OR MORE	1.00 OR MORE
										32° OR ABOVE	32° OR BELOW	32° OR ABOVE	32° OR BELOW											
DELAWARE																								
* * * NORTHERN 01																								
MIDDLETOWN 1 WSW	48.7	30.5	39.6		65	12	19	21	779	0	3	19	0	1.37		.52	13	.0	0		3	1	0	
NEHARK UNIVERSITY FARM	47.6	29.0	38.3	3.8	65	12	18	18	820	0	3	21	0	1.51	- 1.80	.58	25	.5	1	19	4	2	0	
WILMINGTON WSO AP	47.1	29.0	38.1	3.4	64	12	19	18+	827	0	3	21	0	1.44	- 1.88	.49	13	1.4	1	21+	5	0	0	
WILMINGTON PORTER RESVR	46.9	30.8	38.9	4.4	63	12	19	18	804	0	3	18	0	1.73	- 1.70	.53	13	2.0	2	19	6	1	0	
DIVISION																								
			38.7	3.8										1.51	- 1.84		1.0							
* * * SOUTHERN 02																								
BRIDGEVILLE 1 NW	50.0	31.5	40.8	3.9	65	12	20	18+	744	0	1	18	0	1.54	- 1.87	1.06	13	T	0		3	1	1	
DOVER	50.5	31.7	41.1	3.8	68	12	20	18	732	0	1	21	0	1.69	- 1.73	.66	13	.5	1	19	4	2	0	
GEORGETOWN 5 SW	48.9	30.9	39.9		65	13	18	18	767	0	2	19	0	1.74		.94	14	T	0		3	1	0	
LEWES 1 SW	50.2	32.4	41.3		68	12	19	19	727	0	0	17	0	1.61		.82	13	T	0		3	1	0	
MILFORD 2 WSW	49.7	31.8	40.8		66	12	17	18	744	0	1	19	0	1.66		.75	13	T	T	19	5	1	0	
DIVISION																								
			40.8	3.5										1.65	- 1.91		.1							

SEE REFERENCE NOTES FOLLOWING STATION INDEX



# DAILY PRECIPITATION

MARYLAND AND DELAWARE  
DECEMBER 1979

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 HSW	1.37					.03	.35						.52			T	T									.04	.43						
NEWARK UNIVERSITY FARM	1.51					T	.32						.53			T	T				.04	T			T	T	.04	.58					
WILMINGTON HSD AP	1.44						.35					T	.49			.12	T				.10	.01			T	T	.05	.32	T				
WILMINGTON PORTER RESVR	1.73						.36						.53			.10					.15					T	T	.12	.47				
* * *																																	
SOUTHERN 02																																	
BRIDGEVILLE 1 NW	1.54		T			.12	.30						1.06								T	.04					.02						
DOVER	1.69					.06	.50						.66								.02	T					.12	.33					
GEORGETOWN 5 SW	1.74						.40						.82	.94							.02	.05	.04				.01	.28					
LEWES 1 SW	1.61					.43							.82	.94							.02	.03					.01	.23					
HILFORD 2 HSW	1.66		T			.10	.31						.75	.14			T	.04	.03		.02	.02				.02	.26	.04					

SEE REFERENCE NOTES FOLLOWING STATION INDEX



# DAILY TEMPERATURES

MARYLAND AND DELAWARE  
DECEMBER 1979

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	41 24	41 25	43 25	51 29	54 23	53 37	53 35	51 42	44 30	52 31	63 30	64 36	62 42	43 31	41 25	48 29	45 25	30 19	31 26	33 25	37 20	44 34						57 40	45 31	50 31	51 30	54 31	52 28	47.6 29.8
BALTIMORE WSD CT	MAX MIN	46 32	41 26	47 28	55 33	60 39	55 45	56 44	50 36	45 34	54 37	70 42	72 50	63 42	44 35	43 32	52 38	49 24	33 24	33 30	33 28	39 28	50 37	52 42	58 46	58 44	50 37	46 36	50 38	56 36	60 39	52 36	50.7 36.2		
BENSON POLICE BARRACKS	MAX MIN	46 22	42 25	45 24	52 25	55 25	51 31	55 33	49 38	45 27	57 29	64 30	65 39	60 40	44 30	50 23	50 38	50 26											59						
BOYDS 2 NW	MAX MIN	43 23	40 26	42 22	50 26	56 29	51 38	53 32	46 33	43 24	56 28	68 36	70 36	58 38	42 30	41 26	49 31	49 20	30 17	33 25	31 22	40 26	42 30	54 37	53 43	60 45	47 37	43 31	45 31	54 34	54 34	47 31	48.1 30.4		
CATOCTIN MOUNTAIN PARK	MAX MIN	32 21	33 25	35 18	42 27	52 33	54 40	47 32	46 30	35 24	50 30	63 44	65 47	60 34	37 27	34 21	44 26	43 15	32 14	29 21	27 18	31 22	37 24	49 34	50 41	55 40	35 33	38 28	48 27	46 29	46 27	52 27	42.9 28.4		
CLARKSVILLE 3 NNE	MAX MIN	44 18	40 20	44 20	52 19	56 21	52 27	55 30	48 38	44 27	57 25	69 27	70 36	60 40	41 31	42 19	53 24	48 22	30 17	34 22	33 26	43 24	45 27	54 35	53 40	58 41	50 34	43 31	46 31	54 32	56 31	52 25	49.2 27.8		
CONDWINGO DAM	MAX MIN	40 22	40 27	40 28	50 27	52 24	50 30	52 33	50 35	42 30	49 28	55 29	57 33	55 39	42 25	37 22	47 26	42 20	31 18	31 22	32 25	34 22	45 27	47 34	51 40	58 35	44 33	42 31	48 30	52 29	53 25	44 25	45.5 28.5		
DAMASCUS 2 SW	MAX MIN	41 23	38 27	40 19	48 27	54 33	50 39	51 34	47 32	42 25	55 30	66 39	68 45	62 37	40 30	39 24	49 30	46 18	29 17	32 24	30 23	40 26	41 29	54 36	55 43	58 39	44 33	41 30	43 29	51 32	51 35	46 31	46.8 30.3		
EMMITSBURG 2 SE	MAX MIN	41 23	40 22	42 19	48 20	54 25	49 30	52 35	49 28	25 25	54 35	65 28	66 38	63 38	42 29	40 18	46 23	48 20	30 16	39 21	32 22	37 25	42 27	51 32	50 25	48 27	48 38	43 30	46 30	52 32	54 26	49 23	47.1 27.6		
FREDRICK POLICE BRKS	MAX MIN	42 25	43 27	51 24	50 28	56 33	55 32	54 37	52 36	43 28	57 29	67 37	68 44	67 39	43 32	41 23	48 29	49 18	30 18	34 21	34 21	38 25	42 25	53 36	52 42	60 47	50 39	44 32	45 30	53 33	54 35	53 29	49.3 30.8		
PARKTON 2 SW	MAX MIN	40 18	38 23	42 20	49 25	54 25	51 32	52 32	47 27	42 26	55 25	67 32	68 40	58 34	41 24	39 19	49 26	45 18	30 13	30 21	29 22	40 18	44 31	51 34	55 39	57 37	45 30	44 25	47 29	53 27	56 27	48 26	47.3 26.8		
ROCKVILLE 3 NE	MAX MIN	47 16	46 17	44 19	52 21	59 21	54 28	56 31	50 36	46 21	55 22	71 32	72 44	65 37	43 15	45 16	51 24	51 16	42 25	40 25	35 24	45 22	44 25	56 35	57 43	55 43	52 36	50 39	47 39	52 31	53 35	54 33	51.3 27.2		
TOWSON	MAX MIN	43 25	42 25	44 24	50 24	55 29	52 33	53 37	49 38	43 30	50 34	26 36	39 39	62 36	31 31		52 25						35 26	32 31	47 24	47 33	49 39	56 43	59 43	49 30	45 33	52 33	48.9 32.4		
UNIONVILLE	MAX MIN	43 18	39 21	41 16	50 19	55 22	52 26	53 29	49 36	42 25	56 23	67 27	70 33	55 38	41 31	41 18	49 23	47 20	29 15	35 22	31 23	39 25	43 27	55 33	56 38	60 46	47 37	43 28	46 27	55 25	54 20	47 30	47.9 26.5		
WESTMINSTER POLICE BRK	MAX MIN	40 21	40 28	39 31	46 28	52 31	53 38	51 35	42 33	39 26	54 32	65 35	67 43	66 36	40 29	38 21	49 27	48 15	27 15	31 23	29 22	38 22	43 30	50 35	50 42	57 47	58 37	40 30	43 29	50 32	52 29	46 30	46.7 29.5		
WOODSTOCK	MAX MIN	44 20	39 22	42 20	49 23	57 25	51 38	53 35	46 35	43 26	57 27	68 28	70 42	61 39	41 30	43 20	52 27	47 22	30 17	32 24	32 25	43 23	44 29	51 37	52 39	58 45	46 37	43 29	46 31	52 31	55 33	50 28	48.3 29.3		
* * *																																			
APPALACHIAN MOUNTAIN 07																																			
CUMBERLAND 2	MAX MIN	46 25	41 19	45 19	50 25	66 29	60 33	56 38	53 30	46 30	61 30	73 32	71 39	66 32	45 22	47 22	52 22	52 15	37 19	40 28	35 28	41 27	41 27	54 36	51 42	51 38	42 33	41 34	42 29	58 22	59 22	53 22	50.8 28.0		
FROSTBURG 2	MAX MIN	24 13	37 19	27 15	40 15	39 22	57 32	55 31	33 20	33 21	40 22	54 34	63 31	59 39	42 25	32 18	37 17	52 13	18 9	26 9	32 21	25 21	32 24	35 26	54 33	48 39	41 29	30 29	31 24	42 26	44 27	49 26	39.4 23.9		
HAGERSTOWN	MAX MIN	40 23	36 25	41 18	48 29	55 33	52 40	51 34	48 33	41 26	55 30	68 42	69 48	62 38	43 29	40 21	46 30	46 19	32 15	34 26	34 22	36 25	42 26	52 33	53 38	58 44	44 34	42 31	43 30	53 31	54 31	47 25	47.3 30.0		
HANCOCK FRUIT LAB	MAX MIN	34 20	41 21	34 17	41 19	49 22	56 28	53 30	53 35	43 26	49 23	52 26	70 32	67 43	43 31	41 17	42 18	49 20	27 17	32 27	35 25	28 26	36 22	41 32	50 38	57 46	54 39	41 29	39 30	41 27	54 19	55 19	45.4 26.5		
* * *																																			
ALLEGHENY PLATEAU 08																																			
MC HENRY 2 NW	MAX MIN	23 13	35 18	23 10	34 10	38 23	54 33	52 27	45 27	30 15	35 16	48 29	60 45	53 38	42 21	28 18	38 20	47 10	13 6	29 26	38 20	27 20	35 25	44 30	53 44	58 34	35 27	27 26	28 23	27 20	35 20	42 24	37.9 22.5		
OAKLAND 1 SE	MAX MIN	37 7	37 17	37 -2	40 10	57 26	55 34	53 27	48 24	38 15	52 23	62 32	59 27	54 34	38 21	43 12	50 16	42 9	27 7	40 20	38 24	39 25	45 26	54 34	64 41	54 33	34 26	30 26	29 25	43 19	48 17	46 13	44.9 21.5		
SAVAGE RIVER DAM	MAX MIN	28 17	38 22	30 12	37 12	41 24	54 29	58 32	56 32	38 23	42 24	54 29	61 29	61 41	44 28	34 17	37 17	52 15	19 12	28 13	32 19	27 24	30 26	36 24	55 34	49 40	42 32	34 31	34 28	34 28	44 27	49 19	41.2 24.5		



# DAILY TEMPERATURES

MARYLAND AND DELAWARE  
DECEMBER 1979

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	51 23	45 22	41 22	49 26	55 25	52 37	50 38	50 37	42 27	53 30	63 29	65 42	61 42	48 31	42 24	49 29	45 25	31 21	31 20	31 25	35 19	46 33	51 35	57 40	60 46	62 39	44 33	49 33	51 32	55 32	45 28	48.7 30.5
NEWARK UNIVERSITY FARM	MAX MIN	43 22	41 23	41 23	49 23	55 24	52 29	51 34	49 36	42 26	53 27	63 28	65 32	59 40	42 32	42 21	48 27	47 23	30 18	29 23	32 24	36 20	46 33	50 34	52 40	57 47	53 38	43 32	48 33	52 34	53 29	52 25	47.6 29.0
WILMINGTON WSO AP	MAX MIN	43 24	41 22	41 21	50 23	55 23	51 30	51 36	49 30	40 26	50 30	61 31	64 37	55 39	42 25	40 25	47 30	47 19	31 19	29 25	33 25	36 21	46 33	49 36	56 42	59 41	49 35	43 32	49 33	52 33	53 29	49 24	47.1 29.0
WILMINGTON PORTER RESVR	MAX MIN	43 25	44 25	40 24	48 30	53 31	50 39	50 36	48 21	41 29	50 32	61 36	63 42	56 37	40 28	40 26	46 30	45 21	30 19	28 23	32 23	36 22	45 33	48 35	58 42	59 42	48 35	47 32	52 34	53 36	53 37	46 29	46.9 30.8
* * *																																	
SOUTHERN 02																																	
BRIDGEVILLE 1 NW	MAX MIN	49 22	41 25	41 24	49 27	57 25	53 41	53 38	50 38	42 26	55 25	64 36	65 40	63 49	49 33	45 25	51 29	50 20	31 20	36 21	39 33	40 27	54 29	53 40	61 42	63 50	52 41	44 27	46 32	52 33	55 32	47 27	50.0 31.5
DOVER	MAX MIN	47 23	46 24	41 24	49 28	50 26	58 36	54 39	50 27	50 29	51 32	66 37	68 46	67 44	46 32	43 26	48 28	48 25	31 20	34 31	37 24	38 24	56 27	58 35	59 46	63 50	54 40	46 32	48 31	51 32	56 36	52 28	50.5 31.7
GEORGETOWN 5 SW	MAX MIN	39 19	48 23	40 24	40 23	48 23	58 33	57 41	53 41	50 25	40 27	57 33	64 45	65 52	56 33	42 23	49 28	53 28	29 18	30 19	40 27	43 20	41 31	55 34	55 41	62 51	56 41	48 31	47 31	46 34	51 31	55 29	48.9 30.9
LEWES 1 SW	MAX MIN	48 22	41 26	41 25	50 26	57 25	59 46	55 39	51 35	42 25	51 29	66 39	68 45	58 42	44 32	45 24	50 29	46 21	33 20	46 19	48 36	44 33	50 33	55 41	63 50	55 47	49 41	44 30	47 32	51 31	56 33	43 29	50.2 32.4
MILFORD 2 WSW	MAX MIN	48 20	42 22	41 22	48 27	57 24	56 45	53 36	50 40	41 24	52 30	65 40	66 47	60 47	47 33	42 24	59 27	47 25	32 17	34 18	37 33	38 28	53 30	53 40	61 44	63 51	53 40	43 29	46 32	51 32	56 32	47 27	49.7 31.8

SEE REFERENCE NOTES FOLLOWING STATION INDEX

# SNOWFALL AND SNOW ON GROUND

MARYLAND AND DELAWARE  
DECEMBER 1979

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																																			
* * * SOUTHERN EASTERN SHORE 01																																			
SALISBURY FAA AP			T																																
SNOW HILL 4 N			T																																
* * * CENTRAL EASTERN SHORE 02																																			
DENTON 1 S			T																		T														
ROYAL OAK 2 SSW			T																		T	T													
VIENNA			T																																
* * * LOWER SOUTHERN 03																																			
LA PLATA 1 W																						T	T												
* * * UPPER SOUTHERN 04																																			
BALTIMORE WSO AP			T																		T	.1													
COLLEGE PARK				T																		T	T												
GLENN DALE BELL STA			T																			T													
UPPER MARLBORO 3 NNW																																			
* * * NORTHERN EASTERN SHORE 05																																			
CENTREVILLE																						T	T												
CHESTERTOWN			T																			T	T												
* * * NORTHERN CENTRAL 06																																			
CATOCTIN MOUNTAIN PARK			.1																		T	.2			T										
DAMASCUS 2 SW			T						T					T							T	.1													
EMMITSBURG 2 SE			T																			T													
PARKTON 2 SW			T																			T	T												
ROCKVILLE 3 NE			T																																
UNIONVILLE																						T	T												
WOODSTOCK																																			
* * * APPALACHIAN MOUNTAIN 07																																			
CUMBERLAND 2			1.0																																
FROSTBURG 2	T	3.6	1.5	T					T	.8						T	2.0	5			T	5	T				.1	T	T	T	T				
HANCOCK FRUIT LAB		1.0																																	
* * * ALLEGHENY PLATEAU 08																																			
MC HENRY 2 NW	T	3.0	1.0						T	T	1.0						1.0	T									2.0	T	T	T	T	T			
OAKLAND 1 SE	T	9.0	4	2	T				T	T						2.0	2									T	2.0	2	2	2	1	T			

SEE REFERENCE NOTES FOLLOWING STATION INDEX

# SNOWFALL AND SNOW ON GROUND

MARYLAND AND DELAWARE  
DECEMBER 1979

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			
DELAWARE																																		
* * * NORTHERN 01																																		
NEWARK UNIVERSITY FARM	SNOWFALL SN ON GND																			.5	T													
WILMINGTON WSD AP	SNOWFALL SN ON GND WTR EQUIV																			1.2	.2	1	T											
WILMINGTON PORTER RESVR	SNOWFALL SN ON GND																			2.0	2	1	1	T										
* * * SOUTHERN 02																																		
BRIDGEVILLE 1 NW	SNOWFALL SN ON GND																			T	T													
DOVER	SNOWFALL SN ON GND																			.5	T													
LEWES 1 SW	SNOWFALL SN ON GND																			T	T													
MILFORD 2 WSW	SNOWFALL SN ON GND																			T	T													

SEE REFERENCE NOTES FOLLOWING STATION INDEX

# STATION INDEX

MARYLAND AND DELAWARE  
DECEMBER 1979

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				OCMI COMMANDING OFFICER
BELTSVILLE	0700	04	PRN GEORGES		39 02	76 53	120	8A	8A	BAC	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		T 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		LOUIS H HOLLETT
NEW GERMANY 2	6410	08	GARRETT		39 37	79 08	2480				C		LESTER BITTINGER
OAKLAND 1 SE	6520	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	BAC	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	BA	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  
DECEMBER 1979

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 FREDERICK O VOGL 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	H	
WILMGTON PORTER RESVR	9605	01	NEW CASTLE		39 46	75 32	274	MID	MID			H	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

MARYLAND AND DELAWARE - DECEMBER 1979

SPECIAL WEATHER SUMMARY

December was warmer than normal. The warm weather was a continuation of November, which had an average departure of +4.0°. Upper Marlboro recorded a high of 72° on the 13th, followed closely by several other stations. Cumberland reported 73°. Oakland had no real competition for a low reading, a -2° on the 3d.

Five stations broke precipitation records.

A more detailed study may reveal others, which will be the basis of a separate report.

Precipitation was subnormal for the first time since March, 1.45 inches compared with a normal of 3.26 for the month. During 1979, the wettest months were January, February, and July through October. The April, May, June, and November readings were near the long-term means. But when the overall balance was assessed, it leaned heavily to the wet side for the year. The average annual total for the 12 stations was 55.44 inches, a plus deviation of 14.42 inches, or 135% of normal. Only Oakland, with a 47.11 inch normal, the highest in the area, ended the year on the minus side.

	<u>Previous</u>	<u>Maximum</u>
BWI Airport	1952	56.57"
Hancoch	1972	48.68"
Solomons	1935	57.79"
Upper Marlboro	1972	55.65"
Glenn Dale	1948	60.44"

State Climatologist  
 Room 1123A Jull Hall  
 University of Maryland  
 College Park, MD 20742

# LATE REPORTS MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

MARYLAND AND DELAWARE

Station	Temperature											Precipitation											
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	No. of Days				Total	Departure From Normal	Greatest Day	Date	Snow, Sleet		No. of Days			
										90° or Above	85° or Above	80° or Above	75° or Above					Total	Total	Max. Depth on Ground	Date	.10 or More	.50 or More
MARYLAND																							
* * * FEBRUARY 1979																							
WESTMINSTER POLICE BRK	30.2	15.7	23.0		50	28	- 6	18	1172	0	17	24	4	4.82		1.35	26	26.8	27	20*			
* * * MARCH 1979																							
WESTMINSTER POLICE BRK	57.2	35.1	46.2		81	30	11	16	581	0	0	12	0	3.11		.99	24	T	T	11*	5	3	0
* * * APRIL 1979																							
WESTMINSTER POLICE BRK	61.1	42.1	51.6		77	25	25	7	394	0	0	3	0	3.28		.65	9	T	0		9	1	0
* * * MAY 1979																							
OWINGS FERRY LANDING	78.0	54.5	66.3	1.4	89	10	38	2	64	0	0	0	0	3.74	.04	1.05	22	.0	0		7	3	1
WESTMINSTER POLICE BRK	74.5	53.2	63.9		88	10	40	2	88	0	0	0	0	4.91		2.21	24	.0	0		8	2	1
* * * JUNE 1979																							
WESTMINSTER POLICE BRK	79.7	57.8	68.8		87	9	46	25	18	0	0	0	0	2.35		.72	4	.0	0		6	2	0
* * * JULY 1979																							
WESTMINSTER POLICE BRK	83.3	63.1	73.2		90	13	49	6	3	1	0	0	0	4.80		2.02	14	.0	0		8	3	1
* * * AUGUST 1979																							
OWINGS FERRY LANDING	86.4	62.4	74.4	-.5	94	8	45	16	7	9	0	0	0	7.22	2.71	3.24	12	.0	0		6	3	2
* * * SEPTEMBER 1979																							
OWINGS FERRY LANDING	77.6	58.8	68.2	-.6	86	8	53	20*	11	0	0	0	0	9.94	6.35	3.12	6	.0	0				

See Reference Notes Following Station Index

# LATE REPORTS DAILY PRECIPITATION

MARYLAND AND DELAWARE

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																																	
* * *																																	
FEBRUARY 1979																																	
WESTMINSTER POLICE BRK	4.62						.26		T			.20		T			*	1.10		.29		T	1.00	.52	1.35	.10							
* * *																																	
MARCH 1979																																	
WESTMINSTER POLICE BRK	3.11				.02	.57	.46					T		.75										.99	.32								
* * *																																	
APRIL 1979																																	
FREDERICK 3 E	2.28	.02	.20	.12	.31	.25				.10	.57			.33			.13	T														.12	.13
WESTMINSTER POLICE BRK	3.28	.02	.42	.41	.29	.23				.65	.30			.09	.40	.05								T		.10	.32	T					
* * *																																	
MAY 1979																																	
OWINGS FERRY LANDING	3.74				.03	.17								T	.35					.15		.84	1.05	T					.34	.79			
WESTMINSTER POLICE BRK	4.91			.02	.05	.19							T	.20	.59		.04		.02	.40	.07		.47	2.21	.40	.25	T	.02					
* * *																																	
JUNE 1979																																	
WESTMINSTER POLICE BRK	2.35	.24	.04	.60	.72	T	T	T			.32	.10						.26	.02				T									.05	
* * *																																	
JULY 1979																																	
WESTMINSTER POLICE BRK	4.60	.64	.29		.38	.07								2.02	.05							T	.25		.04		.07		.30	.58	.11		
* * *																																	
AUGUST 1979																																	
OWINGS FERRY LANDING	7.22			.25						.31	.08	T	3.24	.03					.02				2.25			.17	.87						
* * *																																	
SEPTEMBER 1979																																	
OWINGS FERRY LANDING	9.94	*	*	*	.98	1.77	3.12	.21						*	*	.29						.54	*	*	*	*	*	*	*	2.98	.05		

See reference notes following Station Index.



# LATE REPORTS DAILY TEMPERATURES

MARYLAND AND DELAWARE

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																																	
• • •																																	
FEBRUARY 1979																																	
WESTMINSTER POLICE BRK	MAX	32	30	30	39	38	24	25	27	25	18	16	16	16	21	19	27	28	15	28	15	38	45	45	40	43	39	37	50				30.2
• • •	MIN	20	18	15	23	8	18	17	10	10	1	-2	4	2	0	10	16	0	-6	5	15	24	34	31	35	37	33	31	30				15.7
MARCH 1979																																	
WESTMINSTER POLICE BRK	MAX	50	50	49	49	56	55	50	54	56	58	50	44	61	69	44	44	60	62	61	58	62	67	67	66	58	45	43	50	76	81	79	57.2
• • •	MIN	35	37	34	36	48	45	32	33	32	42	27	21	22	44	16	11	33	38	29	31	37	40	40	52	37	32	29	26	38	52	59	35.1
APRIL 1979																																	
WESTMINSTER POLICE BRK	MAX	76	68	52	47	53	52	45	48	47	54	63	64	55	59	59	51	53	61	62	62	72	74	74	72	77	70	66	65	62	70		61.1
• • •	MIN	53	44	45	37	38	39	25	30	35	31	37	45	42	36	42	38	40	38	39	36	43	48	56	53	56	57	56	42	41	41		42.1
MAY 1979																																	
OWINGS FERRY LANDING	MAX	72	69	76	74	66	73	81	86	87	89	87	78	78	73	74	71	69	69	73	78	79	85	74	88	85	83	78	79	79	84	81	78.0
• • •	MIN	49	38	47	58	43	43	47	46	55	63	65	63	63	53	51	48	40	49	50	59	59	57	61	66	61	59	61	59	58	61	58	54.5
WESTMINSTER POLICE BRK	MAX	70	72	72	66	61	78	80	85	83	88	87	83	82	72	78	78	68	69	71	72	71	73	77	75	70	62	68	70	74	78	76	74.5
• • •	MIN	49	40	48	57	42	42	49	55	61	65	63	63	63	53	49	58	46	51	56	55	55	55	58	60	54	46	45	55	49	51	57	53.2
JUNE 1979																																	
WESTMINSTER POLICE BRK	MAX	78	78	72	73	85	78	83	83	87	86	82	70	71	78	83	84	83	82	80	79	77	84	85	82	72	76	75	80	83	83		79.7
• • •	MIN	65	66	63	58	55	60	63	65	67	66	55	51	50	52	57	55	60	60	54	58	58	56	64	52	46	49	50	56	57	65		57.8
JULY 1979																																	
WESTMINSTER POLICE BRK	MAX	80	78	79	79	80	75	78	81	82	80	82	89	90	85	85	86	87	88	84	84	80	83	87	87	88	87	84	89	76	82	87	83.3
• • •	MIN	60	58	59	55	56	49	55	56	58	61	61	68	68	67	65	69	67	68	62	65	67	64	68	65	70	68	65	65	64	64	68	63.1
AUGUST 1979																																	
OWINGS FERRY LANDING	MAX	93	90	90	90	91	91	89	94	89	93	92	89	89	85	80	78	76	78	80	86	75	83	84	89	89	89	86	84	85	86	86	86.4
• • •	MIN	70	68	69	68	68	69	67	67	65	69	62	59	59	56	58	45	49	48	55	58	57	60	60	68	67	66	68	65	66	66	63	62.4
SEPTEMBER 1979																																	
OWINGS FERRY LANDING	MAX	75	79	72	75	79	79	83	86	84	81	83	82	79	73	79	78	73	74	74	70	73	76	79	82	84	83	79	73	70	69		77.6
• • •	MIN	61	62	59	53	59	61	62	62	60	59	60	62	60	59	58	59	57	58	59	53	55	59	60	60	61	60	59	59	54	55		58.8
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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 carried only in the June and December issues of this 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.

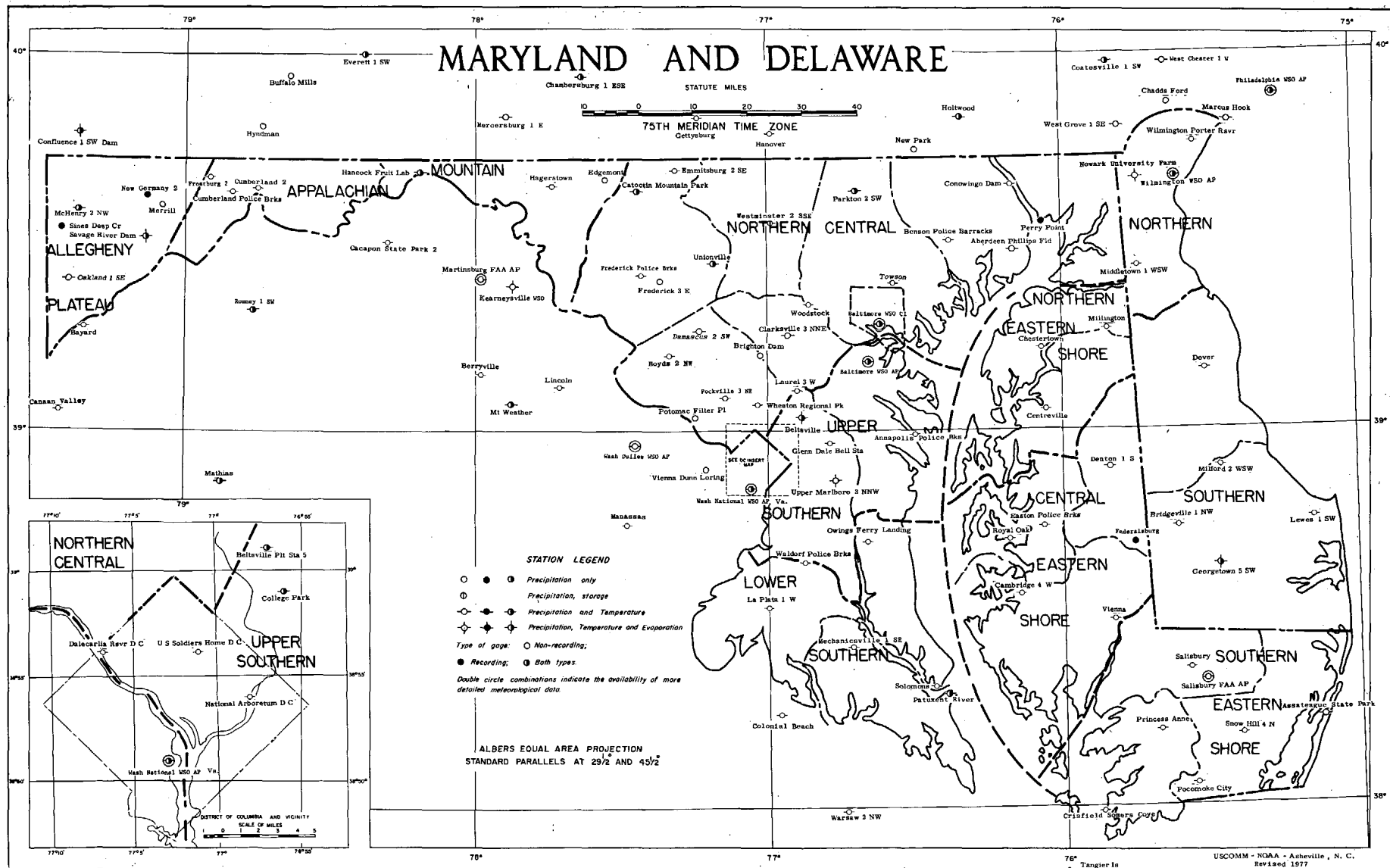
Stations appearing in the tables with no data were either missing or received too late to be included in this issue.

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; 45¢ single copy; \$1.00 foreign; 45¢ 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. 1980-940



# MARYLAND AND DELAWARE

STATUTE MILES  
 0 10 20 30 40  
 75TH MERIDIAN TIME ZONE  
 Gettysburg Hanover

- 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.

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