

Climatological Data



MARYLAND AND DELAWARE

TEMPERATURE AND PRECIPITATION EXTREMES

HIGHEST TEMPERATURE:	LA PLATA 1 W	MD.	75	DATE 19
LOWEST TEMPERATURE:	MCHENRY 2 NW	MD.	1	DATE 30
GREATEST TOTAL PRECIPITATION:	HAGERSTOWN	MD.	2.23	
LEAST TOTAL PRECIPITATION:	CHESTERTOWN	MD.	.21	
GREATEST 1 DAY PRECIPITATION:	HAGERSTOWN	MD.	2.08	DATE 29
GREATEST TOTAL SNOWFALL:	OAKLAND 1 SE	MD.	26.0	
GREATEST DEPTH OF SNOW OR ICE:	OAKLAND 1 SE	MD.	6	DATE 08

SUPPLEMENTAL DATA

	WIND (SPEED - M.P.H.)						RELATIVE HUMIDITY AVERAGES- PERCENT				NUMBER OF DAYS WITH PRECIPITATION						PERCENT OF POSSIBLE SUNSHINE	AVERAGE 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	29	5.0	8.8	33	W	22	65	71	47	52	4	2	2	0	0	0	8	67	5.2	
WILMINGTON WSO AP DEL	28	6.9	9.3	25++	32	08	70	75	49	59	7	6	1	0	0	0	14	-	5.3	

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Daniel B. Mitchell DIRECTOR
NATIONAL CLIMATIC CENTER

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NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION / ENVIRONMENTAL DATA SERVICE / NATIONAL CLIMATIC CENTER ASHEVILLE, N.C.

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

MARYLAND AND DELAWARE
NOVEMBER 1976

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				
								MAX.	MIN.	10 OR MORE	20 OR MORE				30 OR MORE	TOTAL	MAX. DEPTH ON GROUND	DATE	10 OR MORE	50 OR MORE	1.00 OR MORE	
																						10 OR MORE
WESTMINSTER 2 SSE WHEATON REGIONAL PARK WOODSTOCK	46.7 51.5 50.3	30.1 27.3 28.6	38.4 39.4 39.5	- 6.1 - 5.0 - 5.3	65 27+ 72 27 69 19	8 30 9 30 10 30	790 786 758	0 0 0	1 1 1	19 24 23	0 0 0	- .44 - .73 - .63	- 2.92 - 2.68 - 2.66	.31 .53 .53	30 29 29	1.2 1 1.5	T T 0	1 30+ 0	2 2 1	0 1 1	0 0 0	
DIVISION			39.9	- 5.3									- .69	- 2.66								
APPALACHIAN MOUNTAIN 07																						
BOONSBORO 1 NE CUMBERLAND 2 CUMBERLAND POLICE BRKS FROSTBURG 2 HAGERSTOWN	50.5M 50.9 48.4 42.2 49.5	30.0M 26.8M 26.9 24.3 27.2M	40.3M 38.9M 37.7 33.3 36.4M		68 27 72 27 69 27 63 28 68 27	11 30 10 30 11 30 9 30 6 30	747 788 813 945 782	0 0 0 0 0	1 1 1 5 0	19 24 23 27 0	0 0 0 0 0	.47 .79 1.23 - .99 2.23		.37 .25 .27 - .19 2.08	28 29 12 1 29	2.2 4.0 4.0 16.1	T 4 1 5	30+ 12 12 12	1 3 3 4 1	0 0 0 0 1	0 0 0 0 0	
HANCOCK FRUIT LAB WESTERNPORT UPRC	48.6	26.4	37.5		69 28	10 30	815	0	1	26	0	-.80	- 1.98	.28	29	3.4	2	12	4	0	0	
DIVISION			37.7	- 6.0								1.09	- 1.64			5.9						
ALLECHENY PLATEAU 08																						
MCHENRY 2 NW OAKLAND 1 SE SAVAGE RIVER DAM	38.5 41.9 43.6	22.8 22.2 23.8	30.7 32.1 33.7		58 28+ 62 27 64 28	1 30 4 30 9 30	1025 981 932	0 0 0	9 5 4	28 25 29	0 0 0	1.90 1.73 -.99		.37 .32 .30	1 8 12	14.0 26.0	4 6 5	25+ 8 12	8 8 9	0 0 0	0 0 0	
DIVISION			32.2	- 6.8								1.54	- 1.59			20.0						

SEE REFERENCE NOTES FOLLOWING STATION INDEX

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

MARYLAND AND DELAWARE
NOVEMBER, 1976

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			
										32° OR BELOW	32° OR BELOW	32° OR BELOW	32° OR BELOW					TOTAL	TOTAL	MAX. DEPTH ON GROUND	DATE	-10 OR MORE	-50 OR MORE	1-00 OR MORE
DELAWARE																								
NORTHERN 01																								
MIDDLETOWN 1 WSH	52.6	30.2	41.4	-	66	19	15	30	701	0	0	19	0	.49		.47	29	.5	0	1	0	0		
NEWARK UNIVERSITY FARM	50.9H	30.0H	40.5H	-	65	19	16	30	729	0	1	1	0	.49	- 3.00	.31	29	T	0	25+	1	0		
WILMINGTON WSO AP	50.0	30.7	40.4	-	65.5	26+	15	30	734	0	1	20	0	.34	- 3.50	.34	29	T	0	1	0	0		
WILMINGTON PORTER RESVR	48.3	29.7	39.0	-	65.5	26+	14	30	772	0	1	24	0	.34	- 3.50	.34	29	T	0	1	0	0		
DIVISION			40.3	-	5.5									.44	- 3.07			.2						
SOUTHERN 02																								
BRIDGEVILLE 1 NW	52.4	29.9	41.2	-	65.2	19	15	30	706	0	0	24	0	1.29	- 1.89	.81	29	1.0	1	12	4	1		
DOVER	53.1	32.3	42.7	-	5.5	19	16	30	663	0	0	17	0	.87	- 2.73	.58	29	1.0	2	12	3	1		
GEORGETOWN 5 SW	51.6	28.2	39.9	-	67	20	15	24	747	0	0	23	0	1.27		.83	29	1.0	0	0	3	1		
LEWES 1 SW	51.8	30.9	41.4	-	68	26	17	30	700	0	0	19	0	1.24		.62	29	.8	0	0	3	1		
MILFORD 2 WSH	53.5	29.6	41.6	-	68	19	15	30	695	0	1	22	0	1.12		.66	29	2.0	1	12	2	1		
DIVISION			41.4	-	6.5									1.16	- 2.33			1.2						

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION

MARYLAND AND DELAWARE
NOVEMBER 1976

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 WSH	.46				.01							.01																						
NEWARK UNIVERSITY FARM	.46			T			T	.01	T		T	T	.01		T								T			T	T			.01		.47		
WILMINGTON WSO RP	.46						T		T		T	T	.01										T								.09	.31		
WILMINGTON PORTER RESVR	.34			T					T														T		T						.04		.34	
* * *																																		
SOUTHERN 02																																		
BRIDGEVILLE 1 MW	1.20											T	.22		.02									.10					.02	.12	.01			
DOVER	.07			T				T					.02		T									.12					.04	.11	.08			
GEORGETOWN 5 SW	1.37												.19											.08					.05	.35	.62			
LEHES 1 SW	1.24												.18		.04	T																		
MILFORD 2 WSH	1.12							T				.22			.05								.09						.02	.08	.66			

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES

MARYLAND AND DELAWARE
NOVEMBER 1976

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																																	
ALLEGHENY PLATEAU 08																																	
MCHENRY 2 NW	MAX	40	38	47	47	43	32	41	43	20	44	40	31	29	26	35	38	37	50	46	54	39	35	24	23	29	45	58	58	45	17	38.5	
	MIN	24	24	27	27	22	23	27	18	15	18	28	24	18	19	20	22	22	26	32	25	23	18	16	13	18	29	44	43	17	1	22.8	
OAKLAND 1 SE	MAX	42	50	49	46	39	45	47	36	45	45	37	34	30	36	40	41	50	44	57	45	38	32	24	28	50	59	62	57	36	14	41.9	
	MIN	24	16	32	21	22	27	36	16	8	34	30	25	18	14	21	14	13	35	31	27	21	20	18	6	19	27	42	35	10	4	22.2	
SAVAGE RIVER DAM	MAX	47	45	52	51	49	43	48	49	27	43	41	37	35	34	39	43	42	48	52	51	43	42	32	30	33	49	61	64	51	26	43.6	
	MIN	30	22	25	29	29	29	32	22	13	16	27	27	22	23	22	22	19	20	24	32	21	23	24	15	15	25	31	41	24	9	23.8	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES

MARYLAND AND DELAWARE
NOVEMBER 1976

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	59 37	53 28	57 35	59 34	58 34	53 33	61 34	55 35	39 26	65 30	50 27	44 31	47 26	48 25	46 32	49 27	51 23	56 30	66 29	62 33	52 25	49 31	42 28	42 19	60 40	64 38	60 42	55 26	41 32	34 15	52.6 30.2
NEWARK UNIVERSITY FARM	MAX MIN	57 36	53 45	53 35	58 37	55 36	54 30	58 35	53 30	43 23	55 28	51 29	43 31	45 26	48 27	48 29	47 29	51 24	54 32	65 29	62 31	49 25	47 28	40 25	42 21	45 28	64 28	59 29	43 43	26 16	50.9 30.0	
WILMINGTON WSO RP	MAX MIN	51 32	53 26	56 40	59 39	47 38	53 33	59 37	43 28	42 24	56 34	47 31	44 30	46 26	49 29	47 31	51 27	55 35	64 32	51 33	60 29	42 31	43 28	41 23	44 28	64 29	59 43	54 41	53 23	28 15	50.0 30.7	
WILMOTON PORTER RESVR	MAX MIN	55 31	51 24	53 38	57 38	57 34	51 28	56 21	40 25	40 24	53 31	44 32	42 29	44 30	47 30	47 30	49 27	52 27	62 30	48 32	47 30	37 29	39 27	39 25	42 29	62 29	56 33	56 48	52 43	51 22	30 14	48.3 29.7
SOUTHERN 02																																
BRIDGEVILLE 1 NW	MAX MIN	58 37	52 25	58 31	62 34	54 39	52 33	61 30	51 31	42 24	57 32	56 25	48 31	45 25	48 28	43 29	48 22	55 32	68 28	60 31	50 25	43 31	42 29	43 18	48 27	62 27	67 52	60 46	58 32	34 15	52.4 29.9	
DOVER	MAX MIN	57 38	52 27	59 36	61 37	58 42	52 38	62 37	60 32	43 25	56 33	55 29	41 29	46 26	43 29	44 32	49 28	50 25	55 35	67 30	65 36	50 30	48 29	41 29	43 22	49 29	65 38	66 50	64 48	59 33	34 16	53.1 32.3
GEORGETOWN 5 SW	MAX MIN	63 37	51 23	51 23	59 32	62 42	51 33	52 28	62 32	42 22	45 30	56 23	53 31	35 22	45 24	48 28	43 26	47 19	48 23	56 26	67 19	53 22	50 31	41 27	41 15	44 22	50 36	64 36	65 49	60 41	43 16	51.6 28.2
LEMES 1 SW	MAX MIN	53 34	52 27	53 34	59 35	56 34	55 33	62 32	50 31	44 25	57 34	55 27	40 29	45 24	44 26	44 29	43 30	49 24	56 35	67 30	56 32	51 26	42 30	42 26	46 19	50 25	68 43	67 52	60 50	54 33	34 17	51.8 30.9
MILFORD 2 WSW	MAX MIN	57 36	53 24	60 29	63 34	53 41	54 33	62 30	57 30	43 22	56 31	53 26	44 31	46 24	49 26	43 29	49 25	49 22	56 34	68 35	60 29	60 27	43 29	42 26	45 19	50 25	66 30	67 43	65 50	59 32	32 15	53.5 29.6

SEE REFERENCE NOTES FOLLOWING STATION INDEX

SNOWFALL AND SNOW ON GROUND

MARYLAND AND DELAWARE
NOVEMBER 1976

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																																
POCOMOKE CITY																																
SALISBURY FAA AP																																
SNOW HILL 4 N																																
CENTRAL EASTERN SHORE 02																																
BLACKWATER REFUGE																																
CAMBRIDGE 4 W																																
DENTON 1 S																																
PRESTON 1 S																																
ROYAL OAK																																
VIENNA																																
LOWER SOUTHERN 03																																
LA PLATA 1 W																																
PRINCE FREDERICK 1 N																																
SOLOMONS																																
WALDORF POLICE BRKS																																
UPPER SOUTHERN 04																																
BALTIMORE WSD AP																																
BELTSVILLE																																
COLLEGE PARK																																
GLENN DALE BELL STA																																
NATIONAL ARBORETUM D C																																
UPPER MARLBORO 3 NNW																																
NORTHERN EASTERN SHORE 05																																
CENTREVILLE																																
CHESTERTOWN																																
MILLINGTON																																
NORTHERN CENTRAL 06																																
ABERDEEN PHILLIPS FLD																																
CATOCTIN MOUNTAIN PARK																																
CONOWINGO DAM																																
DAMASCUS 2 SW																																
EMMITSBURG 2 SE																																
PARKTON 2 SW																																
ROCKVILLE 3 NE																																
UNIONVILLE																																
WESTMINSTER 2 SSE																																

SEE REFERENCE NOTES FOLLOWING STATION INDEX

SNOWFALL AND SNOW ON GROUND

MARYLAND AND DELAWARE
NOVEMBER 1976

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							
HOODSTOCK	SNOWFALL											1.0																				.5						
APPALACHIAN MOUNTAIN 07	SN ON GND																																					
BOONSBORO 1 NE	SNOWFALL											T	1.5																				.7					
CUMBERLAND 2	SN ON GND																																T					
FROSTBURG 2	SNOWFALL											T																										
HAGERSTOWN	SN ON GND																																					
HANCOCK FRUIT LAB	SNOWFALL																																					
ALLEGHENY PLATEAU 08	SN ON GND																																					
MCHENRY 2 NW	SNOWFALL											T																										
OAKLAND 1 SE	SN ON GND																																					
SAVAGE RIVER DAM	SNOWFALL																																					
	SN ON GND																																					

SEE REFERENCE NOTES FOLLOWING STATION INDEX

SNOWFALL AND SNOW ON GROUND

MARYLAND AND DELAWARE
NOVEMBER 1976

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																																
MIDDLETOWN 1 HSW	SNOWFALL											.5																					
	SN ON GND																																
NEWARK UNIVERSITY FARM	SNOWFALL																																
	SN ON GND																																
WILMINGTON WSD AP	SNOWFALL											T			T																		
	SN ON GND											T			T																		
	WTR EQUIV																																
WILMINGTON PORTER RESVR	SNOWFALL											T																					
	SN ON GND											T																					
" " " " "																																	
SOUTHERN	02																																
BRIDGEVILLE 1 NW	SNOWFALL											1.0																					
	SN ON GND											T																					
DOVER	SNOWFALL											-																					
	SN ON GND											2																					
GEORGETOWN 5 SW	SNOWFALL											1.0																					
	SN ON GND											T																					
LEWES 1 SW	SNOWFALL											.8																					
	SN ON GND											T																					
MILFORD 2 HSW	SNOWFALL											2.0																					
	SN ON GND											T			T			T			T												

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

MARYLAND AND DELAWARE
NOVEMBER 1976

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	1	39 28	76 10	57	5P	5P			H	ROSS AVIATION INC.
ANNAPOLIS POLICE BRKS	0193	04	ANNE ARUNDEL	1	38 59	76 30	25	5P	5P			H	ANNAPOLIS POLICE BRKS
ASSATEAGUE STATE PARK	0335	01	WORCESTER	2	38 14	75 08	7	5P	5P			H	ASSATEAGUE STATE PARK
BALTIMORE WSO AP	0465	04	ANNE ARUNDEL	3	39 11	76 40	196	MID	MID			C	NATL WEATHER SERVICE
*BALTIMORE WSO CI	0470	06	BALTO CITY	3	39 17	76 37	91	MID	MID			C	OCMI COMMANDING OFFICER
BELTSVILLE	0700	04	PRN. GEORGES	5	39 02	76 53	120	8A	8A			BA	U S DEPT OF AGRICULTURE
BELTSVILLE PLANT STA 5	0705	04	PRN. GEORGES	5	39 01	76 57	100	9A	9A			C	US DEPT OF AGRICULTURE
BENSON POLICE BARRACKS	0732	06	HARFORD	1	39 30	76 23	365	5P	5P				MD. STATE POLICE
BLACKWATER REFUGE	0915	02	DORCHESTER	1	38 26	76 08	5	3P	3P			H	NAT. WILDLIFE REFUGE
BOONSBORO 1 NE	0990	07	WASHINGTON	5	39 31	77 39	625	6P	6P			H	J HOWARD BECKENBAUGH
BOYDS 2 NW	1032	06	MONTGOMERY	5	39 13	77 20	580	6P	6P				HUNTER F. STALEY
BRIGHTON DAM	1125	06	MONTGOMERY	4	39 12	77 01	330		MID				WASH. SUB. SAN. COMM.
CAMBRIDGE 4 W	1385	02	DORCHESTER	1	38 34	76 09	5	6P	6P			H	D ARCY MC B. HARDING
CATOCTIN MOUNTAIN PARK	1530	06	FREDERICK	5	39 39	77 29	1610	4P	4P			C	CATOCTIN MOUNTAIN PARK
CENTREVILLE	1627	05	QUEEN ANNES	1	39 03	76 03	46	6P	6P			H	MARION G. LEIBY
CHESTERTOWN	1750	05	KENT	1	39 13	76 04	40	11P	11P			H	T. W. ELIASON, JR.
CLARKSVILLE 3 NNE	1862	06	HOWARD	4	39 15	76 56	365	5P	5P				UNIVERSITY OF MARYLAND
COLLEGE PARK	1995	04	PRN. GEORGES	5	38 59	76 57	90	9A	9A			C	UNIVERSITY OF MARYLAND
CONOWINGO DAM	2060	06	HARFORD	6	39 39	76 10	40	MID	MID			H	SUSQUEHANNA ELETRIC CO.
CRISFIELD SOMERS COVE	2215	01	SOMERSET	1	37 59	75 52	8	5P	5P				SOMERS COVE MARINA
CUMBERLAND 2	2282	07	ALLEGANY	5	39 38	78 45	700	6P	7A			H	TIMOTHY B THOMAS
CUMBERLAND POLICE BRKS	2285	07	ALLEGANY	5	39 38	78 50	970	5P	5P				MD. STATE POLICE
DAMASCUS 2 SW	2335	06	MONTGOMERY	5	39 16	77 14	720	7P	7P			H	RICHARD W SCHWERDT
DENTON 1 S	2523	02	CAROLINE	1	38 53	75 50	20	6P	6P			H	EMORY DOBSON
EASTON POLICE BARRACKS	2700	02	TALBOT	1	38 45	76 04	40	5P	5P				MARYLAND STATE POLICE
EDGEMONT	2770	07	WASHINGTON	5	39 40	77 33	905	7A	7A				JOHN W HARNE
ELKTON	2860	06	CECIL	1	39 37	75 50	40	6P	6P				H. W. BOUCHELLE
EMMITSBURG 2 SE	2906	06	FREDERICK	5	39 41	77 18	416	5P	5P			H	MRS. LUCILLE K. BEALE
FEDERALSBURG	3090	02	CAROLINE	1	38 41	75 46	20					C	SEWAGE TREATMENT PLANT
FREDRICK POLICE BRKS	3348	06	FREDRICK	5	39 25	77 26	380	5P	5P			H	MARYLAND STATE POLICE
FREDERICK 3 E	3355	06	FREDERICK	5	39 24	77 22	385		7A				MISS I. MARY STALEY
FROSTBURG 2	3415	07	ALLEGANY	5	39 40	78 56	2170	7A	7A			H	LEE K CLOSE
GLENN DALE BELL STA	3675	04	PRN. GEORGES	4	38 58	76 48	150	4P	4P			H	PLANT INTRO. GARDEN
HAGERSTOWN	3975	07	WASHINGTON	5	39 39	77 44	660	6P	6P			H	HAGERSTOWN RESERVOIR
HANCOCK FRUIT LAB	4030	07	WASHINGTON	5	39 42	78 11	428	8A	8A			C	U. OF MD. FRUIT LAB.
LA PLATA 1 W	5080	03	CHARLES	5	38 32	77 00	140	6P	6P			H	C. RUSSELL LEVERING
LAUREL 3 W	5111	04	PRN. GEORGES	4	39 06	76 54	400	MID	MID				WASH. SUB. SAN. COMM.
LOCH RAVEN DAM	5340	06	BALTIMORE	1	39 26	76 33	190	5P	5P				CITY OF BALTIMORE
MCHENRY 2 NW	5832	08	GARRETT	7	39 35	79 22	2680	8A	8A			C	JOSEPH F. JOHENNING
MECHANICSVILLE 1 SE	5865	03	ST MARYS	4	38 26	76 43	160	5P	5P				MRS EDITH R BENNETT
MERRILL	5894	08	GARRETT	5	39 36	79 05	1790		9A				DELWOOD E. MERRILL
MILLINGTON	5985	05	KENT	1	39 16	75 51	30	6P	6P			H	LOUIS H. HOLLETT
NEW GERMANY 2	6410	08	GARRETT	5	39 37	79 08	2480					C	LESTER BITTINGER
OAKLAND 1 SE	6620	08	GARRETT	7	39 24	79 24	2420	5P	5P			H	LOGAN WEBER
OWINGS FERRY LANDING	6770	03	CALVERT	4	38 41	76 40	160	5P	5P			H	JAMES E. BOURNE, JR.
PARKTON 2 SW	6844	06	BALTIMORE	1	39 38	76 42	600	11P	11P			C	JOHN R. FOX
PATUXENT RIVER	6915	03	ST MARY'S	4	38 20	76 25	38	MID	MID			C	NAVAL WEATHER SERVICE
PERRY POINT	6980	06	CECIL	1	39 33	76 04	40					C	VETERANS ADMINISTRATION
POCOMOKE CITY	7140	01	WORCESTER	1	38 04	75 33	20	5P	5P			H	ROBERT R WESTFALL
POTOMAC FILTER PLANT	7272	06	MONTGOMERY	5	39 02	77 15	270		MID				WASH. SANITARY COMM.
PRESTON 1 S	7310	02	CAROLINE	1	38 42	75 55	50	6P	6P			H	FRANKLIN D. NUSBAUM
PRINCE FREDERICK 1 N	7325	03	CALVERT	1	38 33	76 35	135	5P	5P			H	STANLEY L. WATSON
PRINCESS ANNE	7330	01	SOMERSET	1	38 13	75 41	20	5P	5P			H	MARYLAND ST COLLEGE FRM
ROCKVILLE 3 NE	7705	06	MONTGOMERY	5	39 07	77 06	400	4P	4P			H	MD NATL CAPITAL PARK
ROYAL OAK	7806	02	TALBOT	1	38 43	76 11	10	6P	6P			H	J. L. SWAINE, JR.
SALISBURY	8000	01	WICOMICO	1	38 22	75 35	10	5P	5P				CITY OF SALISBURY
*SALISBURY FAA AP	8005	01	WICOMICO	1	38 20	75 31	48	MID	MID			H	FLIGHT SERVICE STATION
SAVAGE RIVER DAM	8065	08	GARRETT	5	39 31	79 08	1495	8A	8A			BA	U S CORPS OF ENGINEERS
SINES DEEP CREEK	8315	08	GARRETT	7	39 32	79 25	2040					C	PA. ELECTRIC CO.
SNOW HILL 4 N	8380	01	WORCESTER	1	38 14	75 23	28	6P	6P			H	CURTIS E. SHOCKLEY
SOLOMONS	8405	03	CALVERT	1	38 19	76 27	12	4P	4P			H	CHESAPEAKE BIOL. LAB.
TOWSON	8877	06	BALTIMORE	3	39 23	76 34	390	6P	6P				BENDIX FRIEZ
UNIONVILLE	9030	06	FREDERICK	5	39 27	77 11	430	6P	6P			C	G. P. VON EIFF, JR.
UPPER MARLBORO 3 NNW	9070	04	PRN. GEORGES	4	38 52	76 47	98	8A	8A			BA	TOBACCO EXP. FARM
VIENNA	9140	02	DORCHESTER	1	38 29	75 50	12	6P	6P			H	DELMARVA POWER & LIGHT
WALDORF POLICE BRKS	9195	03	CHARLES	5	38 39	76 53	210	5P	5P			H	MD. STATE POLICE
WESTERNPORT UPRC	9409	07	ALLEGANY	5	39 29	79 03	950	6P	6P			H	UPPER POTOMAC RIVER COM

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

MARYLAND AND DELAWARE
NOVEMBER 1976

STATION	INDEX NO.	DIVISION	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER	
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)		
MARYLAND													
WESTMINSTER 2 SSE	9435	06	CARROLL	1	39 33	76 59	860	7P	7A		H	LARRY A MYERS PARK & PLANNING COMM. CLOSED 5/19/76 JOHN A HILTZ	
WHEATON REGIONAL PARK	9502	06	MONTGOMERY	5	39 04	77 02	330	5P	5P				
WILLIAMSPORT	9570	07	WASHINGTON	5	39 37	77 51	360		7A				
WOODSTOCK	9750	06	BALTIMORE	3	39 20	76 52	460	6P	6P		H		
DISTRICT OF COLUMBIA													
DALECARLIA RESVR D C	2325	04		S	38 56	77 07	146	5P	5P			CORPS OF ENGINEERS U.S. NAT. ARBORETUM U.S. SOLDIERS HOME	
NATIONAL ARBORETUM D C	6350	04		S	38 54	76 58	50	8A	8A		H		
U. S. SOLDIERS HOME DC	9035	04		S	38 56	77 01	230	6P	6P				
DELAWARE													
BRIDGEVILLE 1 NW	1330	02	SUSSEX	1	38 45	75 37	50	5P	5P		H	WILLIAM M RAY STATE HIGHWAY DEPT. UNIV OF DEL SUBSTATION FREDERICK G. VOGL PIONEER HIBRED CORN CO. MRS BERNARD FRANKEL UNIV. OF DELAWARE NATL WEATHER SERVICE WATER DEPARTMENT	
DOVER	2730	02	KENT	2	39 09	75 31	30	5P	5P		H		
GEORGETOWN 5 SW	3570	02	SUSSEX	1	38 38	75 27	45	8A	8A	8AC	H		
LEWES 1 SW	5320	02	SUSSEX	2	38 46	75 09	20	6P	MID		H		
MIDDLETOWN 1 WSW	5852	01	NEW CASTLE	2	39 26	75 45	60	4P	4P		H		
MILFORD 2 WSW	5915	02	SUSSEX	2	38 54	75 28	30	5P	5P		H		
NEWARK UNIVERSITY FARM	6410	01	NEW CASTLE	2	39 40	75 44	90	5P	5P	5P	H		
WILMINGTON WSO AP	9595	01	NEW CASTLE	2	39 40	75 36	79	MID	MID		C HJ		
WILMGTN PORTER RESVR	9605	01	NEW CASTLE	2	39 46	75 32	274	MID	MID		H		
CLOSED STATIONS MARYLAND													
WILLIAMSPORT	9570	07	WASHINGTON	5	39 37	77 51	360		7A				CLOSED 5/19/76

SEE REFERENCE NOTES FOLLOWING STATION INDEX

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 the ground in the "Snowfall and Snow on Ground" table is at observation time for all except 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 direction 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, and the Station Index.
- 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:

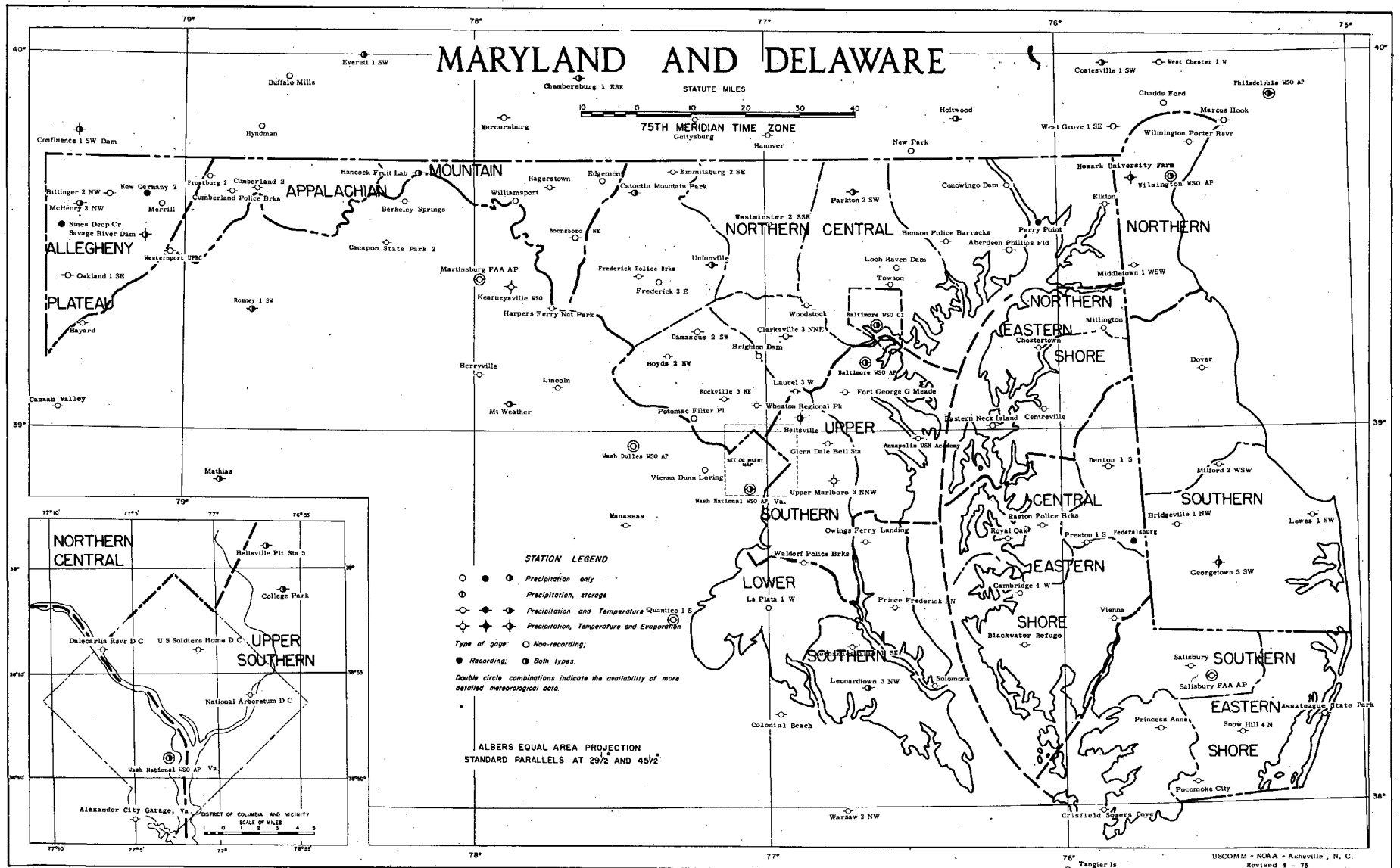
- AR This entry in time of observation column in Station Index means after rain.
- C Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in the "Hourly Precipitation Data" bulletin. If daily amounts are published in "Climatological Data" 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 observation 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.
- + DRAINAGE CODE: 1-CHESAPEAKE 2-COASTAL 3-PATAPSCO 4-PATUXENT 5-POTOMAC 6-SUSQUEHANNA 7-YOUGHIOGHENY

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 this State, price 25 cents. Similar information for regular National Weather Service Offices may be found in the latest annual issue of Local Climatological Data, price 15 cents. These publications may be obtained from the National Climatic Center at the address shown above.

Subscription Price: \$5.10 a year for each section including annual summary; \$5.55 additional for foreign mailing; 40¢ single copy; 30¢ annual summary. 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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