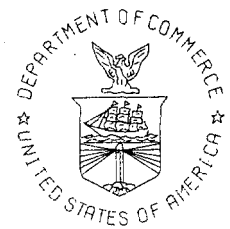


Climatological Data



MARYLAND AND DELAWARE

TEMPERATURE AND PRECIPITATION EXTREMES

HIGHEST TEMPERATURE:	BALTIMORE WSO CI	MD.	93	DATE 12
LOWEST TEMPERATURE:	MCHENRY 2 NW	MD.	11	DATE 09
GREATEST TOTAL PRECIPITATION:	WILMGTN PORTER RESVR	DEL.	5.88	
LEAST TOTAL PRECIPITATION:	PATUXENT RIVER	MD.	1.52	
GREATEST 1 DAY PRECIPITATION:	FREDERICK 3 E	MD.	1.82	DATE 05
GREATEST TOTAL SNOWFALL:	2 STATIONS		4.0	
GREATEST DEPTH OF SNOW OR ICE:	MCHENRY 2 NW	MD.	3	DATE 06

SUPPLEMENTAL DATA

	WIND (SPEED - M.P.H.)						RELATIVE HUMIDITY AVERAGES - PERCENT				NUMBER OF DAYS WITH PRECIPITATION							PERCENT OF POSSIBLE SUNSHINE AVERAGE (TENTHS)	SKY COVER AVERAGE (TENTHS)	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			
							01	07	13	19										
BALTIMORE WSO AP MD	27	3.3	9.0	32	NW	28	64	69	42	48	3	0	4	1	1	0	9	67	4.6	
WILMINGTON WSO AP DEL	28	3.3	9.5	31++	28	05	70	76	47	55	4	1	3	3	1	0	12	-	4.8	

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 SERVICE / NATIONAL CLIMATIC CENTER ASHEVILLE, N.C.

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

MARYLAND AND DELAWARE
APRIL 1977

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 DRY DATE	SNOW-SLEET			NO. OF DAYS				
								30° OR HIGHER		32° OR HIGHER		37° OR HIGHER					47° OR HIGHER		TOTAL	MAX. DEPTH ON GROUND	DATE	-10 OR MORE	-50 OR MORE	1-00 OR MORE
								MAX.	MIN.	MAX.	MIN.	MAX.	MIN.				MAX.	MIN.						
MARYLAND																								
SOUTHERN EASTERN SHORE 01																								
ASSATEAGUE STATE PARK	66.7	46.5	56.6		90 12	30 9	264	1	0	2	0	1.68		.41	4		0	0	0					
CRISFIELD SOMERS COVE	70.1	49.6	59.9	2.8	85 12	32 9	180	0	0	1	0	2.33	-.86	.85	5		0	0	5					
POCOMOKE CITY	71.8	46.1	59.0		86 13	27 10	214	0	0	3	0	2.04		.69	24		0	0	4					
PRINCESS ANNE																			4					
SALISBURY	70.5	46.0	58.3	2.4	86 12	29 10	224	0	0	3	0	2.65	-.54	.97	5		0	0	7					
SALISBURY FAA AP	58.6	43.5	55.1		86 13	25 10	282	0	0	3	0	2.72		1.11	5		0	0	5					
SNOW HILL 4 N	69.8	44.4	57.1	2.7	89 13	26 10	261	0	0	3	0	1.69	-1.66	.45	24		0	0	5					
DIVISION			57.8	2.8								2.19	-.94											
CENTRAL EASTERN SHORE 02																								
CAMBRIDGE 4 W	69.3	46.0	57.7		86 13	27 10	241	0	0	2	0	2.47	-.86	.64	5		0	0	6					
DENTON 1 S	71.5	43.5	57.5	2.6	89 12	25 10	251	0	0	3	0	2.40	-.84	.75	2		0	0	6					
EASTON POLICE BARRACKS	71.1	46.7	58.9	3.7	86 13	29 9	211	0	0	2	0	2.44	-.99	.66	2		0	0	6					
ROYAL OAK	69.1	47.4	58.3		86 12	29 9	232	0	0	2	0	2.45		.65	2		0	0	6					
VIENNA	71.9	46.8M	59.4M		89 13	29 9	185	0	0	2	0	2.56		.92	5		0	0	6					
DIVISION			58.4	3.2								2.46	-.80											
LOWER SOUTHERN 03																								
LA PLATA 1 W	72.5	43.8	58.2	2.5	90 13	25 10	234	2	0	3	0	2.32	-.78	.59	25		0	0	5					
MECHANICSVILLE 1 SE	71.7	43.0	57.4		88 13	23 9	247	0	0	3	0	3.00		.65	7		0	0	5					
OWINGS FERRY LANDING																								
PATUXENT RIVER	68.1	47.4	57.8		84 12	31 9	237	0	0	2	0	1.52		.51	4		0	0	5					
SOLOMONS	70.5M	48.9	59.7M	3.7	88 12	32 9	200	0	0	1	0	1.69	-1.44	.62	5		0	0	4					
WALDORF POLICE BRKS	74.7	43.3	59.0		89 12	26 10	215	0	0	3	0			1.39	2		0	0	7					
DIVISION			58.4	2.7								2.13	-1.01											
UPPER SOUTHERN 04																								
ANNAPOLIS POLICE BRKS	70.6	47.8	59.2	5.1	89 13	29 7	222	0	0	2	0	3.01	-.12	1.13	2		0	0	6					
BALTIMORE WSO AP	70.4	45.3	57.9	4.1	89 13	27 7	245	0	0	3	0	3.05	-.02	1.10	2		0	0	6					
BELTSVILLE	70.4M	41.4M	55.9M		89 13	22 10	287	0	0	4	0	2.71		.82	3		0	0	7					
BELTSVILLE PLANT STA S	69.1	43.0	56.1		87 13	25 9	230	0	0	3	0	2.63		.65	3		0	0	7					
COLLEGE PARK	70.5	44.6	57.6	2.4	90 13	26 10	272	1	0	3	0	2.75	-.34	.89	25		0	0	7					
DALECARLIA RESYR D C	72.5M	44.0	58.3M		89 13	26 10	232	0	0	3	0	2.43		.65	2		0	0	6					
GLENN DALE BELL STA	73.2	39.8	56.5	2.2	89 13	20 7	272	0	0	5	0	2.77	-.42	.90	25		0	0	6					
LAUREL 3 W	69.3	43.9	56.6		87 13	24 9	279	0	0	4	0	3.16		.96	2		0	0	6					
NATIONAL ARBORETUM D C	70.2	45.4	57.8		89 15	24 7	249	0	0	2	0	2.34		.61	25		0	0	6					
U. S. SOLDIERS HOME DC	71.0	48.9	60.0		90 12	29 9	206	1	0	2	0	2.50		.70	25		0	0	6					
UPPER MARLBORO 3 NNW	70.4	42.4	56.4		89 14	24 10	292	0	0	3	0	2.34		.75	3		0	0	7					
DIVISION			57.5	3.1								2.69	-.40											
NORTHERN EASTERN SHORE 05																								
CENTREVILLE	70.5	44.1	57.3		87 12	26 10	260	0	0	3	0			.87	4		0	0	6					
CHESTERTOWN	68.6	44.7	56.7	2.6	87 12	25 9	267	0	0	3	0	2.96	-.19	.91	2		0	0	6					
MILLINGTON	66.4	41.5	55.0	1.1	87 12	24 10	311	0	0	3	0	2.65	-.41	.88	2		0	0	5					
DIVISION			56.3	2.0								2.81	-.31											
NORTHERN CENTRAL 06																								
ABERDEEN PHILLIPS FLD	69.5	44.7	57.1		88 13	28 7	269	0	0	3	0	3.93		1.25	2		0	0	6					
BALTIMORE WSO CI	70.5	50.2	60.4	4.0	93 12	30 9	196	2	0	2	0	3.58	.35	1.35	2		0	0	6					
BENSON POLICE BARRACKS		42.9				24 9						4.72		1.75	5		0	0	6					
BOYDS 2 NW	69.6	44.8	57.2		86 12	22 9	271	0	0	4	0	3.53		1.42	5		0	0	6					
CATOCTIN MOUNTAIN PARK	65.1	43.8	54.5		84 12	18 9	341	0	0	6	0	5.39		1.59	5		0	0	8					
CLARKSVILLE 3 NNE	70.2	38.7	54.5		86 13	20 10	330	0	0	8	0	3.59		1.49	5		0	0	7					
CONDWINGO DAM	63.0M	39.6	51.3M		82 12	23 10	434	0	0	4	0	4.89	1.42	1.33	4		0	0	7					
DAMASCUS 2 SW	67.2	44.5	55.9		85 13	22 9	303	0	0	4	0	3.64		1.36	5		0	0	7					
EMMITSBURG 2 SE	68.6	39.3	54.0		86 12	21 9	345	0	0	7	0	5.55		1.72	5		0	0	8					
FREDRICK POLICE BRKS	71.1	45.4	58.3		88 12	25 10	248	0	0	3	0	3.91		1.64	5		0	0	8					
PARKTON 2 SW	66.1	40.5	53.3		86 12	20 9	364	0	0	6	0	4.80		1.60	2		0	0	6					
ROCKVILLE 3 NE	73.0	42.5	57.8		90 12	22 7	256	1	0	4	0	3.07		1.22	5		0	0	6					
TOWSON	70.1	46.3M	58.2M		86 12	26 9	254	0	0	2	0	5.21	1.70	1.80	5		0	0	6					
UNIONVILLE	67.7	37.6	52.7	1.3	87 12	18 9	376	0	0	11	0							5						
WESTMINSTER 2 SSE																			5					
WHEATON REGIONAL PARK	70.6	42.0	56.3		88 12	24 10	288	0	0	4	0	2.22		.69	5		0	0	6					
WOODSTOCK	69.3	42.4	55.9	2.9	87 12	23 9	297	0	0	4	0	4.04	.77	1.69	5		0	0	7					
DIVISION			55.8	2.6								4.13	.79											

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION

MARYLAND AND DELAWARE
APRIL 1977

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																																
ASSATEQUE STATE PARK	1.88		.02		.41	.27																			.40		.35	T		.23		
CRISFIELD SOMERS COVE	2.33				.45	.85																			.77		.25					
PACOMAKE CITY	2.04			.04	.51	.50																			.69		.03	.09	.02		.16	
PRINCESS ANNE																																
SALISBURY	2.65		.35	.03	.37	.87																			.30		.32	.18			.12	
SALISBURY FAR AP	2.72		.33	.04	.38	1.11																				.48		.26		.09	.12	
SNOW HILL 4 W	1.89		T	.02	.38	.42																			.45		.01	.22		.18		
* * * CENTRAL EASTERN SHORE 02																																
CAMBRIDGE 4 W	2.47		.58	.05	.43	.64																			.03		.33	.18		T	.23	
DENTON 1 S	2.43		.75		.18	.67		.02																	T		.28	.31		T	.19	
EASTON POLICE BARRACKS	2.44		.55	.03	.34	.64																			.03		.38	.16			.20	
ROYAL OAK	2.45		.55	.03	.41	.53																					.40	.22		T	.21	
VIENNA	2.56		.66	.09	.36	.82		.01																			.20	.16		T	.16	
* * * LOWER SOUTHERN 03																																
LA PLATA 1 W	2.32		.91	.04	.45	.30	.04																			.08		.58	.31		T	
MECHANICSVILLE 1 SE	3.00		.14		.58	.38	.44	.65																				.42	.08		.31	
BOWING FERRY LANDING																																
PAUJENT RIVER	1.52		.02	.02	.51	.48																										
SOLOMONS	1.64				.62	.82																				.17		.13		.15	.04	
WALDORF POLICE BRKS			1.38	.03	.38	.43		.05																								
* * * UPPER SOUTHERN 04																																
ANNAPOLIS POLICE BRKS	3.01		1.13	.02	.15	.48		.01																								
BALTIMORE WSO AP	3.05		1.10	T	.45	.47	T																				.57		.62	.41		.02
BELTSVILLE	2.71			.82	.14	.55	.28	.01																			.02		.57	.13		.21
BELTSVILLE PLANT STA 5	2.53		.15	.65	.14	.50	.18																				.02		.63	.00		.19
COLLEGE PARK	2.75		.04	.77		.62	.15	T																				.88	.07	T	.21	
DALECARLIA RESERVOIR D C	2.43		.85	.02	.22	.56																										
GLENN DALE BELL STA	2.77		.71		.20	.58	T																									
LAUREL 3 W	3.16		.96		.56	.53																										
NATIONAL ARMBRETTUM D C	2.34		.03	.61	.12	.53	.08																									
U. S. SOLDIERS HOME DC	2.50		.87	.01	.24	.55	.02	T																								
UPPER MARLBOROUGH 3 NW	2.34			.75	.10	.50	.15	T																								
* * * NORTHERN EASTERN SHORE 05																																
CENTREVILLE					.87	.38																										
CHESTERTOWN	2.96		.91	.03	.38	.32	T																									
HILLINGTON	2.65		.88	.02	.35	.53																										
* * * NORTHERN CENTRAL 06																																
ABERDEEN PHILLIPS FLD	3.83		1.25		.25	1.19	.09																									
BALTIMORE WSO CI	3.58		1.35		.77	.58																										
BENSON POLICE BARRACKS	4.72		1.54	.07	.12	1.75	.02																									
BOYD 2 NW	3.53		1.22		.35	1.42	.18																									
BRIGHTON DAM			.85		1.08	.65																										
CATCOTT MOUNTAIN PARK	5.38		1.50		.32	1.58	.01	.01	.11																							
CLARKSVILLE 3 NNE	3.59		.99	.03	.24	1.48	.11																									
CONowing DAM	4.89		1.06		1.33	.91		.03	.01																							
DAMASCUS 2 SW	3.64		1.18	.01	.50	1.36	.01	.01																								
EMITSBURG 2 SE	5.59		1.58		.21	1.72	T	T	.14																							
FREDRICK POLICE BRKS	3.81		1.51		.18	1.64	.02																									
FREDRICK 3 E	4.22		.09	1.37	.09	1.82	.23																									
LOCH BAYEN DAM	4.81		1.50		.19	1.68																										
PARKTON 2 SW	4.80		1.60	.03	1.44	.87	T	.02																								
POTOMAC FILTER PLANT	2.54		.70		.76	.52																										
ROCKVILLE 3 NE	3.07		.95	.02	.22	1.22	.03	.01																								
TOWSON	5.21		1.70	.10	.29	1.80																										
UNIONVILLE			1.37	.04	.22																											
WESTMINSTER 2 SSE																																
WHEATON REGIONAL PARK	2.22		.68	.01	.19	.69	.06	.01																								
WOODSTOCK	4.04		1.24	.04	.30	1.88	T																									
* * * APPALACHIAN MOUNTAIN 07																																
BOONSBORO 1 NE			1.38		.33	1.43	T																									
CUMBERLAND 2	2.91		.48	.72	.16	.73	.09	T	.03																							
CUMBERLAND POLICE BRKS	3.26		1.28	.03	.18	.87	.12		.06																							
EDMONT																																
FROSTBURG 2	3.37		.01	1.33	.12	.76	.17	.05	.03																							
HAGERSTOWN	3.91		1.20		.32	1.14		.11																								
HANCOCK FRUIT LAB	3.41		1.11		.10	.98	.05	T	.12																							
WESTERNPORT UPRC																																
* * * ALLEGHENY PLATEAU 08																																
MCHENRY 2 NW	3.26		.22	.97	.02	.48	.60	.11																								
MERRILL																																
OAKLAND 1 SE	3.84		.82	.14	.48	.82	.25																									
SAVAGE RIVER DAM	3.41		.60	.75	.18	1.02	.10	.08	T																							

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION

MARYLAND AND DELAWARE
APRIL 1977

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 D1																																		
MIDDLETOWN 1 MSW	3.39	1.03	.01	.07	.77	.04																				.67	.51				.29	T	.	
NEWMARK UNIVERSITY FARM	3.54	1.15		T	1.31	T																				T	.47	.25				.36		.
WILMINGTON HSD RP	3.91	1.23	T	.71	.53	T						T														.62	.25	.20			T	.30		.
WILMINGTON PORTER RESVR	5.88	1.43		.02	.69							T														.62	1.38				.64		.	
* * *																																		
SOUTHERN D2																																		
BRIDGEVILLE 1 NW	2.26	.42	.06	.26	.62				.04																	.07	.10	.46				.23		.
DOVER	2.44	.52	.01	.11	.75	.15																				T	.25	.30				.24		.
GEORGETOWN 5 SW	2.20		.55	.11	.41	.39			T																	.15	.21	.16			.02	.20		.
LEWES 1 SW	2.39	.44	.04	.27	.59	.02																				.28	.37				.26	.12	.	
MILFORD 2 MSW	2.26	.42	.02	.27	.77	.02					T	T														.02	.11	.35		T		.28		.

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES

MARYLAND AND DELAWARE
APRIL 1977

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	62 42	52 45	78 49	62 44	66 46	61 43	55 32	59 42	55 30	60 36	58 45	90 51	88 58	84 54	58 45	69 47	62 47	65 45	68 56	62 52	64 48	81 49	71 57	67 51	63 50	57 50	64 45	81 50	72 41	67 44	66.7 46.5
CRISFIELD SOMERS COVE	MAX MIN	62 49	63 50	74 48	70 43	65 50	62 45	61 38	55 44	51 32	58 34	74 47	85 54	82 57	79 59	69 45	68 49	68 48	70 48	79 57	75 52	76 50	78 62	78 62	74 64	69 55	65 51	64 50	76 55	75 44	75 44	70.1 49.6
POCOMOKE CITY	MAX MIN	64 39	62 44	78 57	69 43	67 50	62 42	54 32	60 41	54 28	61 27	78 42	88 54	88 52	84 55	71 40	72 45	71 40	74 36	78 55	70 50	79 46	82 61	81 65	72 64	69 54	68 51	66 42	80 50	79 40	72 37	71.8 46.1
PRINCESS ANNE	MAX MIN																															
SALISBURY	MAX MIN	52 39	62 45	78 59	70 43	61 48	61 42	53 30	57 41	50 29	59 29	80 45	86 53	82 53	81 57	70 44	70 44	73 39	74 39	73 47	72 49	74 46	80 46	78 65	77 65	77 54	65 51	65 46	79 50	78 40	69 39	70.5 46.0
SALISBURY FAA AP	MAX MIN	59 34	68 44	74 57	57 44	67 48	53 39	50 27	56 35	45 26	60 25	77 43	85 52	86 49	80 42	68 40	68 41	69 37	74 35	79 53	73 47	79 44	83 60	79 66	70 59	66 51	66 47	63 42	80 47	57 37	68 34	68.6 43.5
SNOW HILL 4 N	MAX MIN	62 34	59 44	75 57	69 43	66 50	61 40	57 28	57 42	47 26	61 26	70 42	87 52	89 50	82 57	67 35	71 41	67 36	74 34	76 54	70 45	77 42	83 58	81 64	71 63	66 53	58 50	63 42	81 50	76 40	70 35	69.8 44.4
CENTRAL EASTERN SHORE 02																																
CAMBRIDGE 4 W	MAX MIN	62 37	64 45	70 62	63 42	66 48	54 42	51 35	51 44	48 31	61 27	80 41	85 45	86 48	77 57	68 43	70 44	70 39	73 39	77 51	76 48	79 43	84 59	81 64	74 65	67 52	63 47	65 46	82 52	61 42	71 37	69.3 46.0
DENTON 1 S	MAX MIN	59 35	62 44	74 57	71 40	65 45	58 40	53 27	54 40	49 26	62 25	80 40	89 48	88 52	84 53	74 39	74 38	72 36	77 37	84 51	75 47	82 42	85 60	81 64	72 59	66 48	65 50	67 43	81 48	71 36	72 36	71.5 43.5
EASTON POLICE BARRACKS	MAX MIN	62 40	62 45	72 60	67 41	65 43	59 49	51 34	52 46	48 29	61 30	81 44	86 46	86 49	84 56	74 42	71 42	72 45	75 37	77 52	76 49	79 49	84 62	82 63	78 68	72 52	68 51	64 46	79 52	78 42	69 37	71.1 46.7
ROYAL OAK	MAX MIN	62 41	61 46	72 60	62 42	63 47	59 43	51 34	52 44	47 29	60 32	79 43	85 50	84 51	78 62	66 43	70 42	72 43	74 39	77 42	77 46	78 46	85 63	79 65	74 65	67 52	64 50	65 44	79 56	59 44	70 44	69.1 47.4
VIENNA	MAX MIN	64 41	64 46	72 60	62 42	65 46	60 38	52 26	56 45	49 23	63 35	82 47	88 53	89 52	82 59	72 41	73 40	74 43	72 41	82 55	78 48	80 46	83 62	82 65	72 65	72 54	66 50	68 43	85 54	77 39	73 39	71.9 46.8
LOWER SOUTHERN 03																																
LA PLATA 1 W	MAX MIN	68 37	58 47	75 58	62 42	63 46	59 38	57 25	55 37	52 25	67 25	87 39	90 49	90 48	80 51	73 41	74 41	77 41	82 43	85 51	76 49	82 48	87 60	82 61	75 65	68 46	63 42	67 38	82 48	65 36	73 35	72.5 43.8
MECHANICSVILLE 1 SE	MAX MIN	65 36	64 43	72 52	68 42	65 46	62 38	55 26	56 45	49 23	65 24	84 38	84 49	88 49	85 51	72 39	71 40	72 39	78 40	80 46	76 51	79 45	83 58	79 63	74 63	72 43	65 41	67 36	81 52	71 36	70 34	71.7 43.0
OWINGS FERRY LANDING	MAX MIN																															
PATUXENT RIVER	MAX MIN	60 43	69 48	77 54	57 46	68 48	58 39	53 32	57 38	46 31	58 34	71 45	84 54	83 54	83 51	64 50	65 50	69 48	67 45	78 53	71 51	73 50	82 63	82 65	72 55	63 50	63 47	67 44	83 48	56 42	65 44	68.1 47.4
SOLOMONS	MAX MIN	63 45	56 48	73 53	67 45	66 48	62 42	55 35	55 43	51 32	56 35	81 47	88 53	85 62	84 57	74 49	68 50	70 50	70 47	80 55	73 52	71 53	85 62	83 65	77 65	66 52	66 49	59 44	83 54	61 42	67 45	70.5 48.9
WALDORF POLICE BRKS	MAX MIN	64 36	68 44	73 53	70 42	68 45	61 37	55 26	56 37	52 28	65 26	88 39	89 50	88 50	88 55	83 42	74 43	76 41	82 41	82 49	82 47	84 46	86 60	85 65	80 65	75 43	65 50	68 40	82 40	79 34	74 34	74.7 43.3
UPPER SOUTHERN 04																																
ANNAPOLIS POLICE BRKS	MAX MIN	63 40	60 49	72 55	68 42	60 46	59 40	53 29	52 45	50 31	60 33	75 45	89 52	89 56	87 65	71 47	74 46	72 44	71 46	78 53	76 54	78 50	85 60	84 65	80 66	71 49	64 56	67 41	81 53	64 41	67 41	70.6 47.8
BALTIMORE WSO AP	MAX MIN	64 38	66 46	72 56	56 42	58 41	53 33	57 27	51 36	50 29	65 32	81 43	88 56	89 57	77 57	70 45	73 46	74 45	80 42	78 53	71 53	80 48	88 60	83 67	75 55	68 47	65 44	68 41	80 45	62 36	71 39	70.4 45.3
BELTSVILLE	MAX MIN	65 35	64 39	67 40	72 40	50 40	57 38	51 24	54 38	51 23	64 22	85 48	89 49	89 49	86 53	79 36	71 40	73 38	75 37	81 49	80 52	71 42	80 57	84 65	80 64	75 44	68 40	60 40	68 42	80 34	61 32	70.4 41.4
BELTSVILLE PLANT STA 5	MAX MIN	65 38	63 41	69 50	68 42	51 42	58 39	51 26	53 42	49 26	61 27	63 38	84 47	87 48	86 55	77 38	71 40	72 39	74 39	80 49	80 51	71 45	79 59	83 65	80 65	74 52	66 41	60 41	67 42	79 35	61 34	69.1 43.0
COLLEGE PARK	MAX MIN	67 44	64 44	71 51	71 42	52 42	58 38	52 26	55 42	48 26	48 26	64 38	86 50	90 53	88 53	78 40	72 41	73 41	75 38	81 51	82 53	73 47	82 64	88 67	82 66	76 46	67 42	62 42	68 44	82 37	60 35	70.5 44.6
DALECARLIA RESVR D C	MAX MIN	65 40	64 48	72 56	64 42	58 43	51 37	57 28	55 37	52 27	65 26	88 35	88 48	89 47	87 55	75 48	73 43	75 42	81 41	81 53	79 49	80 46	86 61	82 60	79 65	75 45	67 41	70 40	81 41	65 36	72 38	72.6 44.0
GLENN DALE BELL STA	MAX MIN	65 35	65 40	73 52	68 39	57 42	57 35	55 20	55 37	50 24	65 21	87 34	89 45	89 46	88 51	78 33	73 35	75 35	81 35	82 45	79 47	81 41	85 54	84 56	80 65	73 46	67 45	65 41	80 41	78 31	72 41	73.2 39.8
LAUREL 3 W	MAX MIN	60 44	61 41	70 51	56 37	56 40	50 32	54 32	50 31	48 24	64 34	84 41	87 59	87 63	78 50	78 44	72 44	73 45	75 43	81 41	82 51	73 47	82 64	88 67	82 66	76 46	67 42	62 42	68 44	82 37	60 35	70.5 44.6
NATIONAL ARBORETUM D C	MAX MIN	67 44	64 45	72 54	72 43	51 42	58 39	52 24	55 42	52 29	50 24	63 42	85 52	89 52	88 61	78 43	71 43	73 44	75 44	80 43	81 51	73 47	80 56	84 67	80 65	75 48	67 42	61 44	69 50	81 39	61 38	70.2 45.4
U. S. SOLDIERS HOME DC	MAX MIN	64 42	61 48	72 59	62 41	56 45	53 38	54 30	54 42	51 29	63 36	85 45	90 58	89 63	81 53	73 47	74 48	76 51	80 50	81 56	75 54	79 54	84 53	81 67	77 65	70 46	62 53	68 43	82 53	61 41	72 44	71.0 48.9
UPPER MARLBORO 3 NNW	MAX MIN	68 34	64 40	68 50	72 43	50 41	58 37	53 25	55 39	52 26	60 24	65 36	85 49	89 48	89 60	79 36	71 39	73 37	75 37	80 47	81 50	73 43	80 58	85 65	81 64	75 45	66 50	62 42	68 46	81 36	61 34	70.4 42.4

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES

MARYLAND AND DELAWARE
APRIL 1977

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 EASTERN SHORE 05																																		
CENTREVILLE	MAX MIN	62 39	68 40	71 43	62 46	64 46	58 40	52 32	50 33	47 27	62 26	80 41	87 52	85 51	81 58	71 40	72 38	73 43	76 36	80 50	72 51	79 42	84 58	80 65	79 65	68 48	64 49	65 41	79 49	72 38	70 35	70 35	70.5 44.1	
CHESTERTOWN	MAX MIN	62 43	65 43	73 53	53 41	59 45	52 38	51 30	51 36	47 25	61 32	78 43	87 51	85 52	75 52	68 40	71 42	74 43	75 42	78 52	73 51	78 45	84 60	80 65	72 55	68 49	65 49	65 43	77 45	60 38	70 38	68.6 44.7		
MILLINGTON	MAX MIN	61 35	58 40	73 56	57 40	60 43	51 39	52 26	51 35	46 25	61 24	78 40	87 44	86 43	76 53	67 33	70 35	73 33	77 33	80 45	72 45	79 42	84 56	82 63	72 64	65 50	64 49	63 39	76 45	59 35	72 34	68.4 41.5		
NORTHERN CENTRAL 06																																		
ABERDEEN PHILLIPS FLD	MAX MIN	60 40	59 44	70 50	65 42	53 42	54 38	52 28	52 37	49 29	61 31	76 44	88 47	87 52	72 55	71 41	72 41	76 42	75 51	77 48	77 48	83 69	81 63	77 66	70 48	64 47	64 38	78 48	70 35	65 38	69.5 44.7			
BALTIMORE WSO CI	MAX MIN	65 48	61 50	72 56	56 42	58 45	52 36	56 32	52 37	50 30	63 38	79 49	93 59	91 74	79 60	74 50	75 52	76 54	81 52	78 62	73 56	77 55	87 63	82 69	76 56	64 53	62 49	69 46	80 46	63 40	71 46	70.5 50.2		
BENSON POLICE BARRACKS	MAX MIN	60 40	63 39	69 49	65 40	60 40	57 36	50 26	36 24	28 28	38 38	40 40	60 60	59 59	39 39	43 43	37 37	51 51	50 45	75 45	84 66	80 78	78 71	64 47	63 46	63 40	77 45	70 35	67 36	77 49	70 35	68 36	42.9	
BOYDS 2 NW	MAX MIN	60 38	66 43	66 50	56 39	55 40	50 36	54 26	52 38	48 22	62 32	85 44	86 60	85 59	83 59	73 44	70 45	73 46	78 50	81 56	76 50	78 50	84 59	80 61	77 62	66 46	58 39	67 38	79 47	59 32	70 39	69.6 44.8		
CATOCTIN MOUNTAIN PARK	MAX MIN	51 40	56 41	61 53	55 34	54 36	44 29	48 24	43 32	45 18	58 31	81 43	84 63	83 64	78 59	71 49	73 44	77 44	77 48	80 57	78 48	72 51	80 59	78 59	72 55	60 42	55 37	60 36	68 49	64 30	65 40	65.1 43.8		
CLARKSVILLE 3 NNE	MAX MIN	63 40	60 41	68 53	62 34	54 36	54 29	53 24	50 32	47 18	64 31	83 43	86 63	85 64	76 59	68 49	70 44	72 44	79 48	79 57	75 48	79 51	85 59	81 59	78 55	75 42	64 37	66 36	77 49	69 30	71 40	70.2 38.7		
CONDWINGO DAM	MAX MIN	64 38	50 36	61 48	48 42	48 38	45 30	49 25	45 33	33 28	66 23	70 38	81 41	82 45	70 46	74 34	76 35	67 33	71 35	70 46	72 43	73 44	80 54	81 57	73 49	48 48	47 39	42 36	34 34	63.0 39.6				
DAMASCUS 2 SW	MAX MIN	59 42	58 42	66 54	54 39	55 40	48 35	52 24	48 37	46 22	62 32	84 44	85 62	85 60	76 63	68 43	70 39	71 43	77 48	80 57	71 50	77 48	83 60	78 63	74 57	64 43	58 37	65 36	76 46	59 40	68 40	67.2 44.5		
EMMITSBURG 2 SE	MAX MIN	62 42	53 37	67 49	60 37	55 38	52 23	50 22	52 27	47 21	64 24	83 45	86 55	85 45	85 59	72 35	74 38	78 35	70 36	78 56	70 47	78 50	83 55	80 59	76 55	66 44	59 36	67 35	71 31	60 30	70 30	68.6 39.3		
FREDRICK POLICE BRKS	MAX MIN	61 42	60 43	67 52	62 45	55 36	53 36	54 30	53 26	54 26	63 25	85 40	88 61	87 53	87 51	77 44	74 45	74 45	79 44	81 56	80 50	80 53	85 61	83 64	78 64	75 49	62 42	67 42	77 45	61 35	70 30	71.1 45.4		
PARKTON 2 SW	MAX MIN	60 38	58 40	68 46	49 38	51 40	49 30	51 22	47 28	45 20	62 26	76 39	86 51	84 56	68 46	69 35	71 38	71 39	77 39	83 53	79 46	73 45	77 57	73 63	71 52	65 47	59 41	63 35	73 42	68 30	67 33	66.1 40.6		
ROCKVILLE 3 NE	MAX MIN	64 42	63 43	70 55	65 40	54 40	56 36	57 22	53 48	55 24	67 23	80 36	89 48	88 49	78 62	76 38	72 48	74 38	79 37	82 48	80 49	82 44	88 60	82 65	81 63	73 45	68 36	69 38	80 44	65 31	70 34	73.0 42.5		
TOWSON	MAX MIN	62 43	62 44	59 52	55 40	55 41	55 41	54 27	51 43	47 26	62 35	74 43	86 54	85 65	84 55	71 44	72 44	73 45	78 49	74 52	76 49	84 49	80 66	80 66	79 66	80 46	62 46	69 46	76 51	65 42	73 42	70.1 45.3		
UNIONVILLE	MAX MIN	60 35	56 36	68 52	53 39	54 40	49 32	52 20	48 30	47 19	62 21	84 33	87 41	85 41	76 45	71 30	71 31	77 35	80 46	75 46	79 45	83 56	80 60	75 58	64 42	58 34	65 32	74 40	59 30	68 29	67.7 37.6			
WESTMINSTER 2 SSE	MAX MIN																																	
WHEATON REGIONAL PARK	MAX MIN	62 39	61 41	70 53	63 41	55 41	54 33	55 29	53 37	48 24	65 24	85 31	88 48	87 45	86 58	75 36	71 39	72 38	79 37	80 48	79 48	78 45	85 60	81 65	78 63	74 45	63 40	64 40	78 44	60 34	70 34	70.6 42.0		
WOODSTOCK	MAX MIN	62 37	57 43	70 53	61 40	57 42	49 36	55 24	50 40	48 23	64 24	83 63	87 50	86 50	80 60	70 36	72 38	73 38	78 39	79 51	72 49	80 45	83 57	80 65	75 63	64 45	58 35	67 44	61 35	72 32	72 32	69.3 42.4		
APPALACHIAN MOUNTAIN 07																																		
BOONSBORO 1 NE	MAX MIN	62 42	62 45	65 52	56 41	57 40	48 33	53 24		20		87 57	86 55	83 57	74 40	72 42	75 42	78 49	82 55	77 57	78 55	85 61	81 61	75 63	65 45	60 37	69 35	75 49	62 29	72 36	71.3 45.3			
CUMBERLAND 2	MAX MIN	67 44	67 45	67 42	61 40	62 45	52 32	50 26	55 27	52 27	67 30	87 41	87 47	87 51	84 44	79 44	77 42	81 50	84 50	87 54	81 53	85 56	88 62	81 51	74 56	65 41	60 38	71 38	74 42	66 33	75 37	72.3 41.9		
CUMBERLAND POLICE BRKS	MAX MIN	62 42	62 40	64 49	56 40	59 37	48 30	51 21	48 31	51 20	52 29	85 37	85 47	84 45	75 33	75 35	77 40	80 40	83 49	81 55	84 49	85 59	79 59	71 57	61 39	61 38	68 36	73 42	61 29	69 29	69.5 40.3			
FROSTBURG 2	MAX MIN	49 38	57 37	62 39	53 37	38 34	52 25	35 22	45 21	38 16	46 16	63 29	79 51	86 51	78 52	64 39	68 38	67 43	70 46	74 46	78 51	70 58	73 56	65 39	54 35	47 34	61 32	56 29	67 28	61 28	66 28	61.4 38.5		
HAGERSTOWN	MAX MIN	59 41	57 42	64 48	55 35	57 36	49 30	52 23	49 33	51 18	61 22	88 38	87 53	86 53	82 55	71 33	73 44	74 40	78 44	81 54	75 51	80 50	83 60	80 60	73 57	65 42	59 37	69 44	71 44	66 33	71 33	68.9 41.9		
HANCOCK FRUIT LAB	MAX MIN	58 41	63 40	55 48	65 40	44 41	61 34	47 22	53 34	45 20	52 21	60 32	89 47	87 45	85 52	74 31	75 33	74 36	75 35	80 51	83 57	76 49	82 58	85 59	80 50	73 43	66 33	57 32	67 39	72 31	61 29	68.1 39.4		
WESTERNPORT UPRC	MAX MIN																																	
ALLEGHENY PLATEAU 08																																		
MCHENRY 2 NW	MAX MIN	50 33	65 35	73 45	51 36	50 35	50 22	33 18	50 18	37 11	45 20	63 36	78 56	77 56	63 42	67 42	67 42	68 45	73 55	78 56	66 54	77 59	76 56	70 54	58 37	54 32	45 31	60 34	62 26	55 28	61.3 38.8			
ORLAND 1 SE	MAX MIN	63 34	72 44	69 47	49 37	52 31	33 23	50 17	51 28	46 14	63 20	78 35	69 45	69 35	59 44	67 34	69 40	75 33	78 44	72 54	76 45	81 56	80 54	73 45	52 39	45 30	60 32	63 46	56 27	68 25	63.7 36.1			
SAVAGE RIVER DAM	MAX MIN	53 38	60 40	64 45	55 40	48 38	53 31	33 28	50 26	40 18	49 25	64 31	79 52	80 51	80 54	68 43	71 38	70 41	72 49	76 52	82 55	72 48	81 56	79 61	72 60	65 44	56 41	51 37	64 39	68 33	59 30	63.8 41.5		

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES

MARYLAND AND DELAWARE
APRIL 1977

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	61	61	72	67	59	55	51	51	48	61	74	87	85	84	71	71	73	77	78	77	82	84	84	77	72	65	64	76	59	69	69.8
	MIN	40	40	53	41	43	37	30	36	25	29	44	44	50	59	36	37	36	35	48	49	45	54	64	65	50	51	42	49	35	40	43.6
NEARK UNIVERSITY FARM	MAX	60	60	69	66	56	53	52	51	46	61	70	87	87	84	70	70	71	77	79	77	79	85	83	78	63	63	63	75	68	68	69.0
	MIN	38	38	49	41	42	29	27	33	25	26	41	45	53	63	37	38	44	37	48	51	46	53	64	59	48	50	40	43	33	37	42.6
WILMINGTON WSD AP	MAX	60	57	69	52	56	49	50	47	45	60	68	87	85	71	67	70	72	75	76	71	75	83	80	69	63	58	63	74	58	68	65.9
	MIN	38	43	51	42	43	35	29	30	25	29	44	47	57	51	38	39	42	42	49	50	47	55	65	48	48	46	39	41	34	38	42.8
WILMINGTON PORTER RESVR	MAX	59	58	68	51	55	49	49	46	44	60	70	85	83	73	65	69	71	75	78	73	76	83	80	68	64	57	61	73	57	67	65.6
	MIN	41	43	51	42	40	33	30	29	25	31	42	46	65	39	42	46	48	49	52	52	49	59	67	46	46	44	41	42	34	43	43.9
* * *																																
SOUTHERN 02																																
BRIDGEVILLE 1 NW	MAX	63	63	72	65	65	59	52	53	50	62	81	87	88	85	74	71	74	75	83	72	82	84	82	77	69	66	65	82	78	72	71.7
	MIN	38	42	59	41	46	39	29	40	28	29	43	53	49	62	39	40	40	38	54	48	44	60	64	65	51	49	42	49	37	36	45.1
DOVER	MAX	63	62	73	69	65	57	52	52	49	61	66	88	88	85	74	71	82	76	81	69	75	84	80	78	71	65	63	78	78	70	70.8
	MIN	40	43	47	41	39	40	27	37	28	31	43	50	53	60	44	41	42	36	47	49	46	54	55	66	50	50	41	50	38	40	44.3
GEORGETOWN 5 SW	MAX	69	61	70	72	61	66	52	54	53	54	64	78	87	87	77	69	70	71	75	79	70	81	84	82	68	66	59	64	82	58	69.4
	MIN	33	33	51	42	41	40	28	39	27	25	42	52	48	54	36	38	35	34	53	45	41	59	64	64	51	49	39	46	37	33	42.6
LEWES 1 SW	MAX	54	59	73	60	67	54	53	54	47	57	65	87	84	75	62	65	67	77	75	58	72	85	83	69	65	65	64	80	75	65	67.2
	MIN	36	43	59	41	45	38	28	39	30	28	44	54	52	55	44	41	41	37	49	47	42	60	64	64	61	49	40	50	39	37	45.2
MILFORD 2 WSW	MAX	62	59	74	68	72	57	52	54	51	62	76	87	87	85	70	72	72	77	80	68	79	86	83	78	70	63	65	80	80	72	71.4
	MIN	38	45	54	40	46	34	30	40	25	28	42	55	50	60	40	39	35	36	47	47	42	60	64	65	51	50	39	48	37	35	44.1

SEE REFERENCE NOTES FOLLOWING STATION INDEX

EVAPORATION AND WIND

MARYLAND AND DELAWARE
APRIL 1977

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	-	.16	*	.22	.04	.29	-	.19	.22	*	.26	.09	.37	.32	.21	.21	.12	.28	.22	.19	.07	.28	.37	.22	.14	.17	.14	.14	.14	.08		
	WIND	-	31	58	64	43	78	71	108	63	*	61	35	38	48	37	29	24	25	29	32	28	39	62	71	43	20	29	26	39	25		
	MAX	70	73	74	76	49	70	55	61	65	-	71	82	86	85	81	82	83	84	82	80	73	84	85	85	85	79	70	77	77	84		
	MIN	48	45	45	45	45	39	38	37	39	-	39	48	58	59	49	49	50	49	52	57	56	55	65	64	54	53	46	47	46	46		
UPPER HARLBORO 3 NNW	EVAP	.48	.14	*	.24	.01	.08	.15	.14	.28	.14	.16	.16	.28	.29	.21	.20	.20	.22	.21	.17	.25	.08	.28	.08	.13	.17	.15	.19	.16	.17		
	WIND	73	34	62	63	37	73	85	78	70	30	26	19	34	36	41	25	25	25	27	20	18	33	63	68	53	15	38	35	57	30		
	MAX	69	71	61	75	48	55	60	61	64	62	68	82	85	84	79	79	80	82	80	75	84	85	83	75	76	70	74	77	74			
	MIN	41	42	47	47	45	37	38	35	35	34	37	46	57	56	46	46	46	46	48	53	52	54	62	63	51	49	44	44	42	42		
ALLEGHENY PLATEAU 08																																	
SAVAGE RIVER DAM	EVAP	-	.33	*	.13	.22	.19	.15	*	.28	.07	.05	.23	.23	.39	.14	.29	.22	.17	.06	.11	.11	.31	.02	.07	.23	.03	.09	.17	.12	.34		
	WIND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	71	78	77	65		
	MAX	89	66	69	78	42	64	46	49	55	58	54	76	78	78	69	74	75	73	73	75	75	80	77	71	66	66	55	72	74	69		
	MIN	34	44	32	39	38	35	34	33	32	33	36	44	51	51	41	41	42	44	44	56	58	55	60	59	43	40	42	43	34	37		

SEE REFERENCE NOTES FOLLOWING STATION INDEX

SNOWFALL AND SNOW ON GROUND

MARYLAND AND DELAWARE
APRIL 1977

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																																	
UPPER SOUTHERN 04																																	
BALTIMORE WSD AP																																	
COLLEGE PARK																																	
NORTHERN CENTRAL 06																																	
CATOCTIN MOUNTAIN PARK																																	
DAMASCUS 2 SW																																	
EMMITSBURG 2 SE																																	
PARKTON 2 SW																																	
APPALACHIAN MOUNTAIN 07																																	
BOONSBORO 1 NE																																	
FROSTBURG 2																																	
HANCOCK FRUIT LAB																																	
ALLEGHENY PLATEAU 08																																	
MCHENRY 2 NW																																	
OAKLAND 1 SE																																	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

SNOWFALL AND SNOW ON GROUND

MARYLAND AND DELAWARE
APRIL 1977

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 WILMINGTON WSO AP	SNOWFALL SN ON GND MTR EQUIV						T																										

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

MARYLAND AND DELAWARE
APRIL 1977

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	R 0465	04	ANNE ARUNDEL	3	39 11	76 40	196	MID	MID			C H J	NATL WEATHER SERVICE
BALTIMORE WSO CI	R 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 C H	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
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. SANY. 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 H	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 H	UNIVERSITY OF MARYLAND
CONWINGO DAM	2060	06	HARFORD	6	39 39	76 10	40	MID	MID			H	SUSQUEHANNA ELECTRIC 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 JOBSON
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				JOHN W HARNE
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	3575	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				HAGERSTOWN RESERVOIR
HANCOCK FRUIT LAB	4030	07	WASHINGTON	5	39 42	78 11	428	8A	8A			C H	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. SANY. COMM.
LOCH RAVEN DAM	5340	06	BALTIMORE	1	39 26	76 33	190		5P				CITY OF BALTIMORE
MCHENRY 2 NW	5832	08	GARRETT	7	39 35	79 22	2680	8A	8A			C H	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 H	JOHN R. FOX
PATUXENT RIVER	6915	03	ST MARY'S	4	38 20	76 25	38	MID	MID				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.
PRINCE FREDERICK 1 N	7325	03	CALVERT	1	38 33	76 35	135	5P	5P			H	CLOSED 1/31/77
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 ORK	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 H	U S CORPS OF ENGINEERS
SINES DEEP CREEK	8315	08	GARRETT	7	39 32	79 25	2040						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				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 H	G. P. VON EIFF, JR.
UPPER MARLBORO 3 NNW	9070	04	PRN. GEORGES	4	38 52	76 47	98	8A	8A			BA H	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
WESTMINSTER 2 SSE	9435	06	CARROLL	1	39 33	76 59	860	7P	7A			H	LARRY A MYERS
WHEATON REGIONAL PARK	9502	06	MONTGOMERY	5	39 04	77 02	330	5P	5P				PARK & PLANNING COMM.
WOODSTOCK	9750	06	BALTIMORE	3	39 20	76 52	460	6P	6P			H	JOHN A HILTZ

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

MARYLAND AND DELAWARE
APRIL 1977

STATION	INDEX NO.	DIVISION	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER		
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)			
MARYLAND														
DISTRICT OF COLUMBIA														
DALECARLIA RESVR D C	2325	04			5 38 56	77 07	146	5P	5P				CORPS OF ENGINEERS U.S. NAT. ARBORETUM U.S. SOLDIERS HOME	
NATIONAL ARBORETUM D C	6350	04			5 38 54	76 58	50	8A	8A		H			
U. S. SOLDIERS HOME DC	9035	04			5 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 O. 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		
WILMGTON PORTER RESVR	9605	01	NEW CASTLE	2	39 46	75 32	274	MID	MID			H		
CLOSED STATIONS MARYLAND														
PRINCE FREDERICK 1 N	7325	03	CALVERT	1	38 33	76 35	135	5P	5P			H		CLOSED 1/31/77

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:

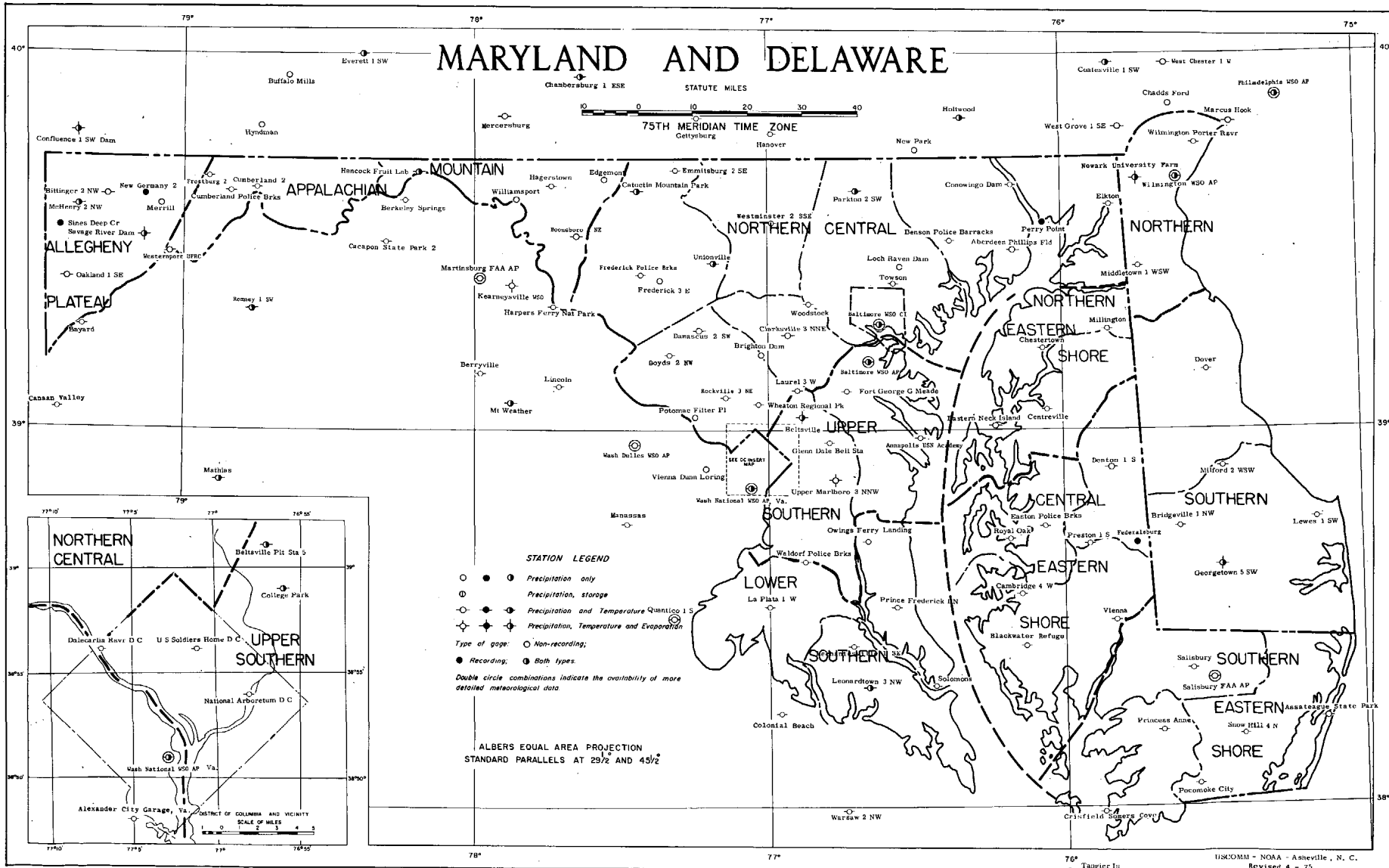
- No record in the "Supplemental Data" table, "Daily Precipitation" table, "Evaporation and Wind" table, "Snowfall and Snow on Ground" table, and the Station Index.
- No record in the "Monthly Summarized Data" table and the "Daily Temperature" table is indicated by no entry.
- + And also on an earlier 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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