

# CLIMATOLOGICAL DATA

## MARYLAND AND DELAWARE

MAY 1986

VOLUME 90 NUMBER 5



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# TEMPERATURE AND PRECIPITATION EXTREMES

MARYLAND AND  
DELAWARE  
MAY 1986

MARYLAND  
HIGHEST TEMPERATURE 97  
LOWEST TEMPERATURE 26  
GREATEST TOTAL PRECIPITATION 4.55  
LEAST TOTAL PRECIPITATION .22  
GREATEST 1 DAY PRECIPITATION 3.34

DELAWARE  
HIGHEST TEMPERATURE 94  
LOWEST TEMPERATURE 32  
GREATEST TOTAL PRECIPITATION 1.80  
LEAST TOTAL PRECIPITATION .69  
GREATEST 1 DAY PRECIPITATION 1.03

MAY 31  
MAY 3

MAY 21

MAY 18  
MAY 4

MAY 22

DENTON 2 E  
UNIONVILLE  
EDGEMONT  
PRINCESS ANNE  
EDGEMONT

2 STATIONS  
GEORGETOWN 5 SW  
WILMGTN PORTER RESVR  
MILFORD 4 SE  
WILMGTN PORTER RESVR

# MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

MARYLAND AND  
DELAWARE  
MAY 1986

STATION	TEMPERATURE (°F)											PRECIPITATION (IN)									
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST DATE	LOWEST DATE	HEATING DEGREE DAYS	COOLING DEGREE DAYS	NO. OF DAYS				TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY DATE	SNOW SLEET					
									90 OR ABOVE		32 OR BELOW					TOTAL	MAX DEPTH ON GROUND	DATE	1.0 OR MORE	.50 OR MORE	1.00 OR MORE
									MAX	MIN	MAX	MIN									
MARYLAND																					
SOUTHERN EASTERN SHORE 01																					
ASSATEAGUE ISLAND NATL SE	73.4	52.3	62.9		90	37	134	73	2	0	0	0	1.24		.88	.0	.0	2	1	0	
CRISFIELD SOMERS COVE	M	M	M		86	44	103	104	0	0	0	0	.44		.40	.0	.0	2	0	0	
PRINCESS ANNE	79.9	51.4	65.7	1.9	92	29	99	124	4	0	0	0	.22		.20	.0	.0	1	1	0	
SALISBURY	79.8	53.0	67.4	2.6	91	38	107	150	4	0	0	0	.44		.30	.0	.0	1	1	0	
SALISBURY FAA AP	77.4	53.6	65.5	2.4	92	35	103	125	3	0	0	0	.48		.31	.0	.0	2	0	0	
SNOW HILL 4 N	80.4	52.9	66.7	3.2	93	31	86	147	6	0	1	0	.76	-2.67	.41	.0	.0	2	0	0	
--DIVISIONAL DATA-->			65.6	1.8									.60	-2.71	.0	.0	.0				
CENTRAL EASTERN SHORE 02																					
CAMBRIDGE WTR TRMT PL	79.9	55.9	67.9	3.7	94	38	64	164	8	0	0	0	.82	-2.78	.42	.0	.0	2	0	0	
DENTON 2 E	82.2	53.0	67.6	3.3	97	31	78	167	7	0	1	0	.56	-2.94	.40	.0	.0	2	0	0	
ROYAL OAK 2 SSW	77.6	57.0	67.3	2.1	89	39	68	149	0	0	0	0	1.76	-1.87	.96	.0	.0	3	2	0	
VIENNA	82.8	56.1	69.5	4.7	95	38	39	186	8	0	0	0	.66	-2.36	.53	.0	.0	2	1	0	
--DIVISIONAL DATA-->			68.1	3.5									.95	-2.48	.0	.0	.0				
LOWER SOUTHERN 03																					
LA PLATA 1 W	77.0	55.1	66.1	2.1	90	33	85	124	1	0	0	0	2.14	-1.33	1.17	.0	.0	5	2	1	
MECHANICSVILLE 5 NE	78.3	53.6	66.0		91	30	86	122	3	0	1	0	1.49		.63	.0	.0	4	1	0	
OWINGS FERRY LANDING	80.6	54.1	67.4	3.0	91	32	67	145	6	0	1	0	1.68	-2.12	.93	.0	.0	3	1	0	
PATUXENT RIVER	77.3	57.1	67.2		92	38	68	143	3	0	0	0	1.82		.95	.0	.0	3	2	0	
--DIVISIONAL DATA-->			66.7	2.1									1.78	-1.81	.0	.0	.0				
UPPER SOUTHERN 04																					
ANNAPOLIS POLICE BRKS	80.7	55.8	68.3		93	37	54	161	5	0	0	0	1.38		.92	.0	.0	3	1	0	
BALTIMORE WSO AP	R 78.8	54.5	66.7	3.3	93	34	86	143	5	0	0	0	.37	-3.07	.13	.0	.0	2	0	0	
BELTSVILLE	77.5	52.5	64.9	3.1	91	31	102	104	4	0	1	0	.69	-3.12	.21	.0	.0	3	0	0	
COLLEGE PARK	79.5	54.5	67.0	2.3	93	33	73	140	6	0	0	0	1.06	-2.79	.53	.0	.0	3	1	0	
DALECARLIA RESVR D C	80.8	51.7	66.3	1.3	91	29	73	121	7	0	1	0	1.41	-2.36	.35	.0	.0	6	0	0	
GLENN DALE BELL STN	79.2	50.1	64.7	1.3	90	28	101	96	3	0	2	0	.97	-2.97	.47	.0	.0	4	0	0	
LAUREL 3 W	M 57.3	M	M		91	35			2	0	0	0	.28	-3.78	.18	.0	.0	1	0	0	
NATIONAL ARBORETUM D C																					
UPPER MARLBORO 3 NNW	78.2	50.7	64.5		92	29	107	100	5	0	1	0	.83	-2.77	.34	.0	.0	4	0	0	
--DIVISIONAL DATA-->			66.1	2.4									.87	-2.88	.0	.0	.0				
NORTHERN EASTERN SHORE 05																					
CHESTERTOWN	78.6	55.5	67.1	3.4	92	36	77	148	5	0	0	0	1.16	-2.46	.84	.0	.0	2	1	0	
MILLINGTON 1 SE	79.1	52.5	65.8	3.1	91	33	82	114	2	0	0	0	1.24	-2.18	.99	.0	.0	2	1	0	
--DIVISIONAL DATA-->			66.5	3.0									1.20	-2.25	.0	.0	.0				
NORTHERN CENTRAL 06																					
ABERDEEN PHILLIPS FLD	78.6	55.6	67.1		91	38	66	141	4	0	0	0	1.41		.74	.0	.0	3	1	0	
BALTIMORE WSO CI	R 81.5	61.1	71.3	5.0	96	43	40	243	8	0	0	0	.60	-3.03	.28	.0	.0	2	0	0	
BALTON POLICE BARRACKS	81.5	54.2	67.9	5.5	94	34	62	154	6	0	0	0	.88	-3.17	.55	.0	.0	3	1	0	
BOYDS 2 NW	76.6	53.4	65.0		89	36	93	98	0	0	0	0	1.70		.66	.0	.0	6	1	0	
CATOCTIN MOUNTAIN PARK	73.3	53.1	63.2		86	34	122	75	0	0	0	0	2.95		1.37	.0	.0	4	2	1	
CLARKSVILLE 3 NNE	78.7	49.9	64.3		90	27	106	92	5	0	1	0	.77		.44	.0	.0	2	0	0	
CONOWINGO DAM	78.0	53.3	65.7	3.7	91	34	88	113	4	0	0	0	1.77	-1.96	.57	.0	.0	4	2	0	

SEE REFERENCE NOTES FOLLOWING STATION INDEX



# DAILY PRECIPITATION (INCHES)

MARYLAND AND  
DELAWARE  
MAY 1986

STATION	TOTAL	DAY OF MONTH														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
<b>MARYLAND</b>																
SOUTHERN EASTERN SHORE 01																
ASSATEAGUE ISLAND NATL SE	1.24															
CRISFIELD SOMERS COVE	.44															.02
PRINCESS ANNE	.22															
SALISBURY	.44															
SALISBURY FAA AP	.48								T						T	T
SNOW HILL 4 N	.76									T					T	T
<b>CENTRAL EASTERN SHORE 02</b>																
CAMBRIDGE WTR TRMT PL	.82															
DENTON 2 E	.56								.02							
ROYAL OAK 2 SSW	1.76								.04							
VIENNA	.66								T							
<b>LOWER SOUTHERN 03</b>																
LA PLATA 1 W	2.14															
MECHANICSVILLE 5 NE	1.49														.10	.03
OWINGS FERRY LANDING	1.68								.06		T				.12	.02
PATUXENT RIVER	1.82												.01		.07	
<b>UPPER SOUTHERN 04</b>																
ANNAPOLIS POLICE BRKS	1.38														.07	
BALTIMORE WSO AP	.37													T	.02	T
BELTSVILLE	.69														.19	.01
COLLEGE PARK	1.06														.25	T
DALECARLIA RESVR D C	1.41														.25	.04
GLENN DALE BELL STN	.97														.16	
LAUREL 3 W	.28															.18
NATIONAL ARBORETUM D C	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
UPPER MARLBORO 3 NNW	.83														.14	.02
<b>NORTHERN EASTERN SHORE 05</b>																
CHESTERTOWN	1.16															
MILLINGTON 1 SE	1.24															
<b>NORTHERN CENTRAL 06</b>																
ABERDEEN PHILLIPS FLD	1.41	T													T	.05
BALTIMORE WSO CI	.60														T	
BENSON POLICE BARRACKS	.88														.13	.03
BOYDS 2 NW	1.70														.10	T
BRIGHTON DAM	.85														.14	.03
CATOCTIN MOUNTAIN PARK	2.95								.07			.03		T	.08	
CLARKSVILLE 3 NNE	.77														.08	
CONOWINGO DAM	1.77								.09							
DAMASCUS 2 SW	1.18														.17	.03
EMMITSBURG 2 SE	1.52												T		.05	.05
FREDRICK POLICE BRKS	1.28									.03					.11	T
FREDRICK 3 E	1.43									T					.17	.05
PARKTON 2 SW	1.02									T		.02			T	.01
POTOMAC FILTER PLANT	2.21														.03	.20
ROCKVILLE 1, NE	3.22													.04	.23	T
TOWSON	1.04														.08	
UNIONVILLE	.73														.04	
WESTMINSTER POLICE BRK	1.83														.05	.04
WOODSTOCK	.53														.07	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

# DAILY PRECIPITATION (CONT)

MARYLAND AND  
DELAWARE  
MAY 1986

STATION	DAY OF MONTH															
	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
MARYLAND																
SOUTHERN EASTERN SHORE 01																
ASSATEAGUE ISLAND NATL SE	.01				.88		.05						.30			
CRISFIELD SOMERS COVE					.40	.02										
PRINCESS ANNE					.22											
SALISBURY					.32	T	.08	.04					T			
SALISBURY FAA AP					.31	.04	.13						T			
SNOW HILL 4 N					.41	.05	.30									
CENTRAL EASTERN SHORE 02																
CAMBRIDGE WTR TRMT PL					.42	.06	.32									
DENTON 2 E					.40	T	.12							T		
ROYAL OAK 2 SSW				T	.62	.18	.96									
VIENNA					.53	.03	.10									
LOWER SOUTHERN 03																
LA PLATA 1 W					1.17	.52	.21						T			T
MECHANICSVILLE 5 NE					.26	.63	.38						T	.11		
OWINGS FERRY LANDING					.21	.47	.93						T	.02		
PATUXENT RIVER				T	.95	.50	.35						.01			
UPPER SOUTHERN 04																
ANNAPOLIS POLICE BRKS					.17	.92	.22									
BALTIMORE WSO AP	R	T		.12	.09	.13	.01	T					T			
BELTSVILLE					.07	.21	.21						T			
COLLEGE PARK					.09		.53									
DALECARLIA RESVR D C			.19		.25	.35	.20						T			
GLENN DALE BELL STN			.12		.47	.18	.16						.20			
LAUREL 3 W			T		T	.07							T			
NATIONAL ARBORETUM D C	-	-	.03		-	-	-	-	-	-	-	-	-	-	-	-
UPPER MARLBORO 3 NNW					.20	.34	.13									
NORTHERN EASTERN SHORE 05																
CHESTERTOWN					.24	.08	.84									
MILLINGTON 1 SE					.99		.25						T			
NORTHERN CENTRAL 06																
ABERDEEN PHILLIPS FLD					.18	.74	.49									
BALTIMORE WSO CI				.28	.18	.07	.02						T	T		
BENSON POLICE BARRACKS					.16	.55	.11									
BOYDS 2 NW		.06			.19	.16	.20						.02			
BRIGHTON DAM			.66	.25	.10	.50	.05						T			
CATOCTIN MOUNTAIN PARK		.32		.01	1.37	.83		.05					T	.08	.02	
CLARKSVILLE 3 NNE			T		.21	.44	.03			.01			T			
CONOWINGO DAM		.34			.09	.51	.57	.16		.01						
DAMASCUS 2 SW		.01			.28	.06	.33	.18					.06	T		
EMMITSBURG 2 SE		.04			.40	.04	.30	.05								
FREDRICK POLICE BRKS		.56		.04	.35	.09	.50	.12		T	.10		T	.05		
FREDERICK 3 E	T				.25	.14	.65						T	.07		
PARKTON 2 SW		T			.20	.12	.38	.05					T			
POTOMAC FILTER PLANT		.08		.18	.20	.12	.38	.05					T			
ROCKVILLE 1 NE		.76		.16	.53	.53	T						T	.01		
TOWSON		.40		T	.72	1.80	.02						T			
UNIONVILLE					.49	.42	.05									
WESTMINSTER POLICE BRK		.02			.29	.04									.36	
WOODSTOCK					.16	.15	1.32		.05						.04	
					.13	.30	.03								T	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

# DAILY PRECIPITATION (INCHES)

MARYLAND AND  
DELAWARE  
MAY 1986

STATION	TOTAL	DAY OF MONTH														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
APPALACHIAN MOUNTAIN 07																
CUMBERLAND 2	2.51															
EDGEMONT	4.55		T						.02							.42
FROSTBURG 2	2.56		T						.10		T					.02
HAGERSTOWN	2.44	T							.09	T						.72
HANCOCK FRUIT LAB	2.28								.07		T		.02			.14
									.25	.22	.02					.15
ALLEGHENY PLATEAU 08																
MC HENRY 2 NW	2.71															
MERRILL	2.47								.17	.02						.68
OAKLAND 1 SE	3.18	T							.04	.05						.93
SAVAGE RIVER DAM	2.59		T						.08	.49	T				.51	.37
									.39	.02	T		T			.67
DELAWARE																
NORTHERN 01																
NEWARK UNIVERSITY FARM	.98															
WILMINGTON WSO AP	1.69									T						
WILMGTN PORTER RESVR	1.80	T								T						
SOUTHERN 02																
DOVER	1.20															
GEORGETOWN 5 SW	.97															
GREENWOOD 2 NE	1.11															
LEWES	1.03									.10						
MILFORD 4 SE	.69										T					

SEE REFERENCE NOTES FOLLOWING STATION INDEX

# DAILY PRECIPITATION (CONT)

MARYLAND AND  
DELAWARE  
MAY 1986

STATION	DAY OF MONTH															
	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
APPALACHIAN MOUNTAIN 07																
CUMBERLAND 2		.02		.34	1.17	.33	.05									
EDGEMONT	T	.33			.33	3.34	.23						.06			
FROSTBURG 2	T	.07	.07	T	.73	.40	.01					T	.22			
HAGERSTOWN		.28		.08	.48	1.06	.23					T	.07			
HANCOCK FRUIT LAB		.13		.32	.18	.20	.71					T	.08			
ALLEGHENY PLATEAU 08																
MC HENRY 2 NW		.03		.18	.80	.25		T	.05			T	.38			.15
MERRILL		.03			.87	.37			.02				.16			
OAKLAND 1 SE		.04		.31	.71	.25		.07				.28	.03	T		T
SAVAGE RIVER DAM		.05	.02	.15	.64	.44			T			T	.21			
DELAWARE																
NORTHERN 01																
NEWARK UNIVERSITY FARM					.45		.24									
WILMINGTON WSO AP	R	.20	T	.26	.52		.94		.03	.03			T			
WILMGTON PORTER RESVR			T		.77		1.03	T					T			
SOUTHERN 02																
DOVER					.52	.03	.65									
GEORGETOWN 5 SW					.06	.64	.27									
GREENWOOD 2 NE					.48		.53									
LEWES					.60								.43			
MILFORD 4 SE					.31		.38									

SEE REFERENCE NOTES FOLLOWING STATION INDEX



# DAILY TEMPERATURES (°F)

MARYLAND AND  
DELAWARE  
MAY 1986

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 ISLAND NATL SE	MAX	74	74	62	54	68	80	90	90	76	55	64	75	63	62	62	64	86	88	85	84	64	72	80	74	74	66	71	72	82	75	89	73.4	
	OBS			74																														
	MIN	51	55	37	40	48	55	58	58	46	42	46	39	48	49	50	50	55	58	55	54	52	54	58	57	52	55	50	58	62	64	64	52.3	
	OBS																																	
CRISFIELD SOMERS COVE	MAX							85	81		66	73	67	65	61	70	78		83	84	84	74	76		76	76		76	78		85	86	M	
	MIN							71	66	50	44	47	48	48	54	56	56		56	56	56	64	64		65	66		52	64		70	72	M	
PRINCESS ANNE	MAX	87	85	69	65	81	88	90	90	70	70	77	71	70	68	72	83	89	89	84	81	77	76	76	79	79	78	79	82	89	91	92	79.9	
	MIN	55	44	34	29	46	60	64	61	49	38	29	43	38	49	48	54	61	59	70	64	62	59	54	51	48	49	43	61	56	50	66	51.4	
SALISBURY	MAX	87	85	69	66	82	89	91	87	73	72	77	73	70	66	71	82	89	89	86	80	75	76	75	80	79	76	77	82	90	90	91	79.8	
	MIN	57	56	40	38	47	61	66	61	49	38	39	46	44	49	55	56	61	62	66	65	62	60	56	57	55	55	50	61	60	65	69	55.0	
SALISBURY FAA AP	MAX	87	69	59	65	81	89	89	76	58	71	76	72	66	64	72	82	89	89	83	74	77	74	75	78	78	75	78	81	90	91	92	77.4	
	MIN	57	48	41	35	47	61	68	51	38	37	36	47	42	51	56	57	62	60	66	64	63	60	57	56	52	52	46	61	59	65	68	53.6	
SNOW HILL 4 N	MAX	88	82	70	67	83	93	92	89	68	72	79	73	68	62	72	83	91	91	89	78	78	77	77	80	81	75	79	82	89	93	92	80.4	
	MIN	53	49	36	31	48	61	64	61	49	33	34	45	37	49	55	55	60	61	64	65	62	62	56	54	51	53	44					52.9	
	OBS																																	
CENTRAL EASTERN SHORE 02																																		
CAMBRIDGE WTR TRMT PL	MAX	85	83	69	61	84	91	91	90	77	66	73	73	72	69	70	81	89	92	90	81	74	76	74	75	77	78	78	80	90	94	93	79.9	
	MIN	58	58	46	38	39	54	64	63	51	41	44	42	45	51	56	58	63	64	63	66	61	61	60	61	56	57	49	62	66	68	68	55.9	
	OBS				59																													
DENTON 2 E	MAX	88	81	65	69	85	93	92	89	73	74	82	76	76	66	70	85	93	92	87	87	79	77	78	80	81	80	78	87	93	96	97	82.2	
	MIN	58	54	36	31	40	56	61	56	49	34	37	42	40	50	50	58	62	62	68	65	62	58	52	54	53	52	47	64	58	65	68	53.0	
ROYAL OAK 2 SSW	MAX	84	76	62	65	82	89	89	82	69	70	78	67	68	64	71	81	87	89	83	76	75	74	73	77	77	79	72	83	87	89	89	77.6	
	MIN	59	58	44	39	52	58	62	61	50	40	46	46	44	52	57	61	63	64	69	67	63	59	59	58	58	60	53	64	62	68	68	57.0	
VIENNA	MAX	85	80	73	70	83	93	93	90	78	74	82	77	77	73	76	79	93	92	88	83	79	77	80	79	83	84	80	85	95	92	95	82.8	
	MIN	60	55	41	38	52	58	65	62	50	46	42	42																					
	OBS																																	
LOWER SOUTHERN 03																																		
LA PLATA 1 W	MAX	90	84	62	68	84	89	87	85	64	68	77	68	69	62	68	82	85	89	89	81	71	70	72	74	73	78	68	79	83	85	84	77.0	
	MIN	56	56	38	33	49	60	63	61	52	40	40	46	47	50	56	60	62	64	68	63	61	55	58	55	54	56	57	61	59	63	65	55.1	
MECHANICSVILLE 5 NE	MAX	91	81	60	68	84	90	90	82	71	70	80	69	69	58	67	83	87	89	84	76	76	74	74	77	76	80	71	83	88	89	89	78.3	
	MIN	44	56	36	30	47	59	62	58	52	35	41	48	45	49	55	57	62	61	67	66	61	56	54	55	53	54	51	61	60	63	64	53.6	
OWINGS FERRY LANDING	MAX	89	85	64	68	85	90	90	89	77	72	80	75	73	64	71	84	89	90	88	85	76	76	75	77	77	79	77	83	90	90	91	80.6	
	MIN	56	58	40	32	43	57	61	57	51	38	40	45	43	50	55	59	61	62	67	65	60	56	55	56	53	55	52	62	59	64	64	54.1	
PATUXENT RIVER	MAX	91	71	61	69	86	89	92	78	64	68	76	68	66	60	68	80	85	89	85	74	72	72	74	77	77	78	75	83	88	91	89	77.3	
	MIN	57	49	43	38	51	64	66	53	48	45	49	52	53	53	57	57	64	65	66	62	60	59	59	59	59	60	54	63	66	69	69	57.1	
UPPER SOUTHERN 04																																		
ANNAPOLIS POLICE BRKS	MAX	82	85	63	73	86	92	92	91	79	72	78	74	71	63	70	79	88	88	84	80	78	77	78	78	79	80	81	87	88	93	92	80.7	
	MIN	59	58	39	37	51	60	63	62	52	42	42	50	49	52	56	60	60	62	62	66	60	53	56	58	54	59	51	62	62	67	67	55.8	
BALTIMORE WSO AP	MAX	86	64	59	68	86	91	89	78	65	73	78	73	71	60	68	84	89	92	85	78	77	76	75	78	81	80	76	86	91	93	92	78.8	
	MIN	56	47	34	35	45	57	64	54	45	38	46	47	45	52	56	60	61	61	66	64	61	58	56	57	54	57	54	62	63	67	67	54.5	
BELTSVILLE	MAX	78	86	65	59	69	85	90	87	77	66	72	79	72	70	59	67	83	88	90	85	78	75	75	75	72	79	80	74	85	90	91	77.5	
	MIN	53	53	34	31	40	52	60	53	51	38	40	44	42	50	50	57	60	59	67	66	58	55	55	53	50	53	51	59	57	63	64	52.2	
COLLEGE PARK	MAX	80	89	67	61	71	86	93	91	79	69	73	80	74	75	61	68	86	90	92	87	81	78	76	75	77	80	82	75	85	91	92	79.5	
	MIN	48	55	40	33	41	53	65	56	52	41	42	47	44	51	56	60	62	62	70	67	60	56	57	53	53	54	55	63	61	65	68	54.5	
DALECARLIA RESVR D C	MAX	87	83	62	70	87	91	91	89	77	72	79	78	72	63	68	85	89	90	90	82	78	76	77	77	79	81	78	85	90	90	90	80.8	
	MIN	53	46	29	34	39	55	61	57	48	41	42	47	48	48	46	60	59	61	59	64	57	52	54	52	51	54	56	53	58	57	63	51.7	
	OBS				56		78																											

SEE REFERENCE NOTES FOLLOWING STATION INDEX

# DAILY TEMPERATURES (°F)

MARYLAND AND  
DELAWARE  
MAY 1986

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			
GLENN DALE BELL STN	MAX MIN	86 39	83 51	64 28	68 28	82 40	90 50	88 60	87 50	75 49	64 33	77 37	79 41	72 40	70 49	66 54	81 59	82 58	86 60	85 64	86 64	78 56	76 53	74 53	74 54	76 46	80 51	76 49	82 60	89 56	90 60	90 62	79.2 50.1	
LAUREL 3 W	MAX MIN OBS			61 42	72 36	87 48	61 45	71 58	52 49	43 58	56 58	58 58	56 56	48 54	54 54	65 65	67 67	68 68	59 59	56 56	64 64	63 63	66 66	64 64	54 54	66 66	64 64	54 54	81 60	86 72	89 72	91 72	91 59	M 57.3
NATIONAL ARBORETUM D C	MAX MIN																																	M
UPPER MARLBORO 3 NNW	MAX MIN	79 51	87 52	68 33	60 29	69 41	86 53	90 59	90 55	77 49	65 34	72 36	79 42	72 39	70 48	59 50	68 55	85 59	89 58	90 64	85 64	78 57	77 53	75 55	75 52	77 48	80 51	80 49	74 58	85 57	90 61	92 61	78.2 50.7	
NORTHERN EASTERN SHORE 05	MAX MIN																																	M
CHESTERTOWN	MAX MIN	84 60	68 48	59 41	67 36	82 51	90 57	88 64	78 54	66 46	72 39	77 45	73 48	74 43	64 52	70 55	83 60	89 61	91 63	87 69	75 65	79 63	76 60	74 57	77 56	80 55	81 58	74 53	84 63	90 62	92 68	92 69	78.6 55.5	
MILLINGTON 1 SE	MAX MIN	84 44	78 54	58 39	66 33	82 49	89 53	89 53	87 51	75 50	72 37	77 37	73 46	70 42	68 49	67 55	83 59	89 59	89 60	87 67	82 64	77 63	74 59	74 52	77 53	78 51	79 54	74 48	83 62	89 57	91 62	91 66	79.1 52.5	
NORTHERN CENTRAL 06	MAX MIN																																	
ABERDEEN PHILLIPS FLD	MAX MIN OBS	81 60	77 55	61 38	66 38	82 49	90 49	88 62	88 58	76 51	70 38	75 45	70 49	70 43	68 55	66 57	79 61	87 59	88 63	85 68	85 67	76 60	76 58	74 57	77 56	77 55	78 58	73 53	83 64	89 64	90 67	91 68	78.6 55.6	
BALTIMORE WSO CI	RMAX MIN	88 66	68 49	62 43	73 44	91 54	96 66	94 73	80 56	68 51	77 48	81 56	74 55	72 54	63 55	69 59	86 64	93 69	92 71	86 70	78 63	77 59	80 64	79 67	80 64	84 60	83 59	83 61	83 66	77 62	88 66	95 73	96 75	81.5 61.1
BENSON POLICE BARRACKS	MAX MIN	85 57	79 51	57 34	67 37	88 42	92 56	91 65	87 57	79 49	76 39	76 45	77 47	77 44	64 44	64 55	82 62	89 65	91 62	89 65	84 66	77 61	77 58	76 54	78 54	83 56	83 57	81 53	86 62	93 63	94 69	93 69	81.5 54.2	
BOYDS 2 NW	MAX MIN	82 59	79 48	57 37	67 36	84 45	89 57	87 63	80 54	74 47	69 39	75 45	70 45	69 45	58 45	64 56	83 65	85 68	86 84	82 78	83 73	73 64	71 56	73 52	73 59	78 52	78 57	76 56	81 58	85 63	86 66	86 65	76.6 53.4	
CATOCTIN MOUNTAIN PARK	MAX MIN	76 57	71 46	53 34	66 35	83 48	86 63	83 55	77 54	64 45	69 40	74 49	69 45	69 43	65 49	68 54	79 58	80 65	84 68	78 62	72 49	65 48	67 50	66 49	67 50	73 52	74 48	71 55	77 46	81 60	82 54	81 66	73.3 53.1	
CLARKSVILLE 3 NNE	MAX MIN	84 50	78 51	57 36	67 27	85 36	90 47	88 58	85 52	66 48	71 35	77 35	77 42	72 39	65 49	65 54	83 58	89 56	90 62	85 63	81 56	75 54	74 56	75 55	78 50	79 51	76 46	84 50	90 50	90 60	90 54	90 66	78.7 49.9	
CONOWINGO DAM	MAX MIN	82 56	65 46	61 34	68 34	87 44	91 51	88 59	77 52	68 50	70 40	83 42	78 48	72 42	63 51	63 55	79 59	88 61	87 62	85 64	76 67	76 62	73 60	74 54	76 52	79 54	75 50	76 46	83 56	89 60	90 64	90 65	78.0 53.3	
DAMASCUS 2 SW	MAX MIN	81 58	75 47	57 36	67 34	84 44	89 57	86 64	77 51	66 49	69 39	76 46	70 44	69 47	56 53	62 59	83 61	85 63	88 63	84 64	78 56	74 56	70 49	71 49	73 49	76 51	78 56	82 49	87 49	86 61	86 64	86 65	75.8 52.8	
EMMITSBURG 2 SE	MAX MIN	79 56	80 52	55 35	66 37	85 41	88 51	87 63	85 48	76 50	70 38	75 37	77 45	70 39	66 50	61 53	81 60	85 55	87 56	86 60	78 65	74 57	72 54	72 51	73 47	78 46	78 50	84 59	88 57	88 61	88 64	88 65	77.7 51.3	
FREDRICK POLICE BRKS	MAX MIN	80 58	80 54	59 38	69 40	87 45	92 59	90 66	89 58	79 50	72 44	78 47	78 48	72 47	63 47	63 54	82 61	88 63	88 68	89 63	82 54	78 66	76 66	72 56	76 56	79 56	79 56	79 56	83 59	89 61	90 69	90 69	79.9 55.7	
PARKTON 2 SW	MAX MIN	83 52	64 42	57 27	65 28	84 40	88 53	86 59	75 46	71 47	69 34	76 42	71 40	68 38	59 51	63 51	81 58	85 58	87 57	86 54	78 53	74 53	72 47	71 47	75 48	77 53	74 48	82 58	87 57	89 61	89 62	89 62	76.2 49.7	
ROCKVILLE 1 NE	MAX MIN OBS	84 62	87 44	58 35	69 33	68 47	92 56	88 66	78 54	67 50	72 40	80 42	73 45	71 46	57 48	66 55	66 62	88 61	91 64	84 58	78 64	74 61	72 54	71 53	75 54	78 53	80 55	88 62	89 64	89 68	90 70	90 70	77.0 54.6	
TOWSON	MAX MIN OBS	84 57	80 52	57 40	66 40	85 42	90 62	89 66	86 55	76 49	70 44	79 42	77 43	73 49	67 51	67 53	82 59	88 60	90 62	88 67	80 64	75 60	75 55	74 52	76 53	79 55	80 56	79 55	85 60	90 61	91 68	90 73	79.7 55.0	
UNIONVILLE	MAX MIN OBS	83 51	76 43	59 26	66 28	82 45	92 48	88 56	89 49	73 40	72 34	76 36	76 42	71 43	68 49	71 42	81 52	88 53	88 55	84 56	73 47	79 54	72 47	84 55	86 45	80 51	79 53	77 48	83 49	88 54	88 53	91 54	79.5 47.3	
WESTMINSTER POLICE BRK	MAX MIN	80 58	80 50	54 35	65 35	85 48	90 64	88 53	85 54	74 45	69 39	75 51	76 43	72 47	68 48	65 51	86 60	85 62	90 61	89 65	84 64	76 58	72 52	73 51	73 51	78 53	78 58	78 54	82 54	87 63	88 67	87 65	78.5 53.5	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

# DAILY TEMPERATURES (°F)

MARYLAND AND  
DELAWARE  
MAY 1986

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					
WOODSTOCK	MAX MIN	85' 55'	79' 53'	58' 35'	69' 31'	85' 45'	91' 55'	88' 63'	86' 54'	77' 49'	73' 38'	80' 42'	74' 44'	72' 43'	66' 50'	65' 54'	83' 60'	89' 60'	90' 59'	86' 63'	80' 65'	75' 59'	76' 55'	75' 50'	77' 52'	81' 51'	81' 53'	77' 53'	85' 60'	91' 59'	90' 62'	91' 64'	79.8 52.8			
APPALACHIAN MOUNTAIN																																				
CUMBERLAND 2	MAX MIN	76' 51'	67' 38'	56' 33'	71' 35'	85' 42'	85' 55'	88' 54'	82' 53'	76' 40'	73' 40'	82' 48'	77' 49'	71' 51'	56' 55'	73' 58'	87' 60'	87' 61'	88' 61'	75' 59'	77' 57'	67' 49'	67' 44'	66' 45'	72' 47'	77' 48'	80' 53'	75' 60'	82' 56'	87' 58'	85' 60'	88' 61'	76.7 50.8			
FROSTBURG 2	MAX MIN	73' 48'	71' 45'	47' 32'	48' 32'	62' 35'	78' 56'	79' 57'	78' 49'	69' 47'	54' 40'	66' 40'	76' 44'	67' 45'	56' 46'	50' 46'	64' 50'	80' 55'	80' 61'	78' 59'	72' 57'	70' 49'	57' 46'	58' 42'	58' 43'	66' 43'	70' 45'	73' 53'	61' 58'	74' 55'	80' 56'	77' 61'	67.5 48.2			
HAGERSTOWN	MAX MIN	80' 60'	75' 50'	57' 36'	71' 34'	88' 46'	90' 56'	88' 61'	85' 54'	77' 50'	74' 42'	80' 45'	77' 45'	71' 45'	57' 49'	64' 54'	82' 60'	87' 62'	90' 61'	84' 63'	76' 64'	70' 57'	73' 51'	72' 49'	73' 50'	79' 50'	79' 55'	76' 59'	83' 58'	90' 59'	89' 63'	91' 63'	78.3 53.3			
HANCOCK FRUIT LAB	MAX MIN	78' 52'	78' 48'	56' 29'	70' 28'	85' 33'	88' 40'	87' 59'	85' 46'	77' 45'	70' 37'	78' 36'	77' 42'	70' 40'	62' 52'	66' 54'	88' 56'	86' 57'	88' 64'	83' 60'	79' 63'	79' 57'	70' 52'	69' 43'	72' 52'	76' 46'	79' 50'	77' 57'	82' 54'	87' 55'	86' 59'	88' 57'	77.9 49.1			
ALLEGHENY PLATEAU																																				
MC HENRY 2 NW	MAX MIN	75' 47'	68' 40'	50' 28'	48' 37'	65' 37'	80' 54'	80' 53'	78' 45'	78' 45'	55' 38'	70' 44'	76' 43'	71' 43'	55' 45'	56' 45'	75' 50'	80' 59'	81' 59'	82' 56'	68' 55'	63' 44'	50' 39'	58' 38'	60' 44'	66' 46'	73' 52'	75' 55'	64' 56'	75' 56'	80' 58'	76' 58'	68.7 47.2			
OAKLAND 1 SE	MAX MIN	73' 43'	61' 42'	51' 31'	61' 27'	77' 37'	78' 45'	77' 52'	77' 43'	69' 41'	67' 29'	75' 33'	74' 42'	68' 50'	59' 47'	72' 47'	78' 52'	79' 58'	79' 54'	76' 54'	65' 56'	61' 46'	57' 39'	57' 38'	64' 41'	70' 40'	73' 44'	73' 57'	75' 59'	79' 51'	80' 50'	79' 51'	70.5 45.1			
SAVAGE RIVER DAM	MAX MIN	78' 44'	75' 47'	49' 35'	56' 29'	67' 32'	81' 43'	82' 56'	81' 47'	69' 42'	57' 34'	70' 37'	80' 43'	70' 50'	58' 48'	55' 48'	68' 52'	82' 57'	84' 57'	83' 57'	72' 58'	72' 46'	58' 42'	62' 44'	62' 44'	69' 44'	73' 47'	75' 50'	65' 58'	77' 53'	84' 55'	80' 59'	70.8 47.3			
DELAWARE																																				
NORTHERN																																				
NEWARK UNIVERSITY FARM	MAX OBS MIN OBS	83' 54'	77' 61' 49'	57' 34'	66' 34'	84' 47'	90' 57'	88' 60'	87' 53'	76' 48'	72' 37'	75' 39'	74' 45'	72' 41'	66' 46'	66' 52'	82' 59'	86' 58'	91' 61'	89' 67'	84' 65'	78' 63'	79' 58'	74' 55'	76' 54'	79' 55'	78' 52'	78' 50'	85' 61'	89' 60'	92' 65'	93' 68'	79.6 53.1			
WILMINGTON WSO AP	R MAX MIN	82' 59'	61' 45'	57' 35'	65' 36'	83' 49'	89' 56'	88' 61'	77' 52'	64' 46'	72' 39'	74' 44'	73' 45'	71' 44'	63' 49'	65' 55'	79' 60'	86' 60'	91' 64'	85' 67'	73' 65'	76' 65'	75' 60'	73' 54'	75' 56'	78' 55'	77' 57'	75' 53'	84' 63'	88' 61'	91' 67'	91' 70'	76.8 54.6			
WILMINGTON PORTER RESVR	MAX MIN	80' 59'	65' 47'	56' 38'	65' 39'	82' 49'	89' 62'	86' 63'	76' 51'	66' 44'	73' 41'	71' 45'	75' 45'	69' 45'	63' 46'	64' 54'	79' 60'	80' 63'	94' 64'	85' 69'	70' 65'	75' 64'	81' 60'	72' 56'	74' 56'	78' 57'	76' 59'	74' 56'	83' 61'	89' 67'	90' 71'	91' 72'	76.5 55.7			
SOUTHERN																																				
DOVER	MAX MIN	87' 58'	84' 57'	65' 41'	66' 37'	83' 50'	91' 60'	88' 66'	76' 60'	76' 49'	71' 41'	75' 42'	74' 48'	74' 42'	62' 49'	65' 48'	84' 63'	89' 63'	92' 64'	91' 67'	85' 65'	77' 63'	75' 58'	75' 50'	78' 55'	80' 58'	74' 56'	76' 51'	82' 63'	90' 61'	93' 63'	93' 71'	80.2 55.5			
GEORGETOWN 5 SW	MAX MIN	76' 55'	87' 52'	67' 36'	58' 32'	66' 35'	83' 57'	83' 65'	75' 57'	75' 50'	59' 34'	71' 35'	77' 45'	73' 39'	66' 49'	63' 53'	70' 56'	83' 63'	90' 59'	90' 66'	86' 65'	73' 62'	77' 60'	75' 55'	81' 54'	78' 53'	77' 53'	73' 45'	80' 52'	83' 58'	90' 64'	82' 66'	77.0 52.4			
GREENWOOD 2 NE	MAX MIN	85' 56'	56' 38'	59' 38'	65' 33'	82' 48'	89' 59'	88' 62'	85' 58'	68' 50'	73' 37'	77' 37'	75' 44'	74' 41'	66' 49'	69' 55'	82' 57'	89' 61'	90' 62'	86' 69'	78' 65'	77' 62'	75' 60'	73' 54'	77' 54'	78' 53'	76' 55'	76' 51'	83' 53'	90' 59'	91' 64'	92' 69'	78.9 54.1			
LEWES	MAX MIN	89' 55'	83' 56'	63' 39'	67' 36'	86' 49'	89' 63'	91' 67'	90' 54'	76' 49'	69' 45'	69' 39'	72' 47'	73' 42'	67' 49'	68' 57'	79' 54'	88' 64'	94' 65'	90' 66'	80' 65'	82' 62'	73' 61'	77' 57'	76' 55'	76' 58'	71' 57'	74' 49'	83' 61'	86' 63'	88' 66'	90' 70'	79.3 55.5			
MILFORD 4 SE	MAX MIN	87' 55'	81' 46'	59' 39'	66' 36'	84' 47'	91' 62'	89' 65'	88' 53'	63' 49'	71' 41'	73' 40'	72' 48'	70' 42'	60' 48'	67' 55'	86' 57'	88' 60'	92' 63'	88' 66'	79' 65'	79' 63'	76' 60'	75' 55'	76' 55'	78' 56'	71' 58'	77' 49'	84' 62'	86' 59'	93' 67'	89' 69'	78.6 54.5			

SEE REFERENCE NOTES FOLLOWING STATION INDEX

# EVAPORATION AND WIND

MARYLAND AND  
DELAWARE  
MAY 1986

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	WIND	52	79	59	00	59	38	44	73	86	31	26	55	28	40	12	15	19	40	35	62	41	49	92	50	59	34	36	37	58	43	60		
	EVAP	27	28	41	23	24	28	30	34	37	24	22	30	19	20	4	4	16	18	31	27	10	18	26	25	29	20	25	11	27	34	26		
	MAX	82	85	65	73	75	86	90	90	83	79	83	85	82	79	61	67	87	94	96	90	82	83	83	83	84	86	87	75	87	95	99		
	MIN	54	52	39	40	40	49	61	58	52	49	49	49	51	53	54	57	63	68	68	68	63	58	55	55	62	60	59	60	65	68	67		
UPPER MARLBORO 3 NNW	WIND	18	18	48	37	20	19	15	21	40	25	14	17	7	10	0	11	11	4	24	31	13	11	3	3	7	3	7	2	6	2	1		
	EVAP	23	25	27	23	22	29	29	32	37	23	24	29	25	18	7	5	18	26	32	29	11	13	21	20	23	18	26	10	20	25	25		
	MAX	83	85	77	70	75	83	90	91	83	76	80	82	81	77	61	65	86	91	92	89	80	84	83	84	85	84	88	75	87	94	93		
	MIN	58	52	39	40	49	58	65	60	45	47	49	52	52	52	55	56	62	66	67	65	63	61	57	59	57	59	61	61	62	68	69		
ALLEGHENY PLATEAU 08																																		
SAVAGE RIVER DAM	WIND	9	25	63	63	21	31	33	38	43	25	19	21	44	52	46	12	22	11	10	4	15	13	22	14	19	18	36	14	29	13	12		
	EVAP	18	15	38	21	11	35	25	28	31	0	19	26	18	15	0	7	15	11	17	4	15	10	10	10	7	13	19	0	7	26	2		
	MAX	80	66	50	63	71	79	80	81	81	64	77	84	78	56	52	64	82	84	83	72	80	61	65	60	67	76	78	64	80	88	80		
	MIN	46	43	45	36	36	41	53	56	54	41	41	48	50	49	49	49	49	52	62	60	57	51	43	49	49	51	55	59	59	59	62		
DELAWARE																																		
SOUTHERN 02																																		
GEORGETOWN 5 SW	WIND	80	04	166	14	25	146	90	97	132	67	77	69	51	47	47	47	104	61	120	36	94	61	53	48	64	65	50	63	55	63	76		
	EVAP	30	36	46	34	24	43	39	42	41	23	27	28	23	23	14	8	33	32	41	38	18	21	19	33	22	26	24	24	24	36	42		
	MAX	81	88	76	68	72	82	90	88	80	73	77	80	83	79	70	72	86	93	93	90	76	83	83	85	84	84	86	84	88	93	93		
	MIN	56	66	37	31	39	50	60	64	50	42	41	51	49	51	55	59	62	64	67	66	65	65	63	64	63	60	58	57	64	67	67		

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

# STATION INDEX

MARYLAND AND  
DELAWARE  
MAY 1986

STATION	INDEX NO.	DIVISION	COUNTY	LATITUDE	LONGITUDE	ELEVATION (IN FEET)	OBSERVATION TIME AND TABLES				OBSERVER	
							LOCAL STD TIME					
							TEMP	PRECIP	EVAP	SPECIAL (SEE NOTES)		
MARYLAND												
ABERDEEN PHILLIPS FLD	001506		HARFORD	39 28	76 10W	57	16	16		C	H	ROSS AVIATION INC
ANNAPOLIS POLICE BRKS	003304		ANNAPOLIS	39 09	76 30W	25	17	17			H	ANNAPOLIS POLICE BRKS
ASSATEAGUE ISLAND NATL	004650	SE	WORCESTER	38 14	75 48W						H	NATIONAL PARK SERVICE
BALTIMORE WSO AP	004700		ANNAPOLIS	39 11	76 40W	196	MID	MID		C	C	NATL WEATHER SERVICE
BALTIMORE WSO CI #	007306		BALTO CITY	39 17	76 37W	91	MID	MID			H	OCMI COMMANDING OFFICER
BELTSVILLE	007000		PRN GEORGES	39 2	76 53W	120		8		8	C	U S DEPT OF AGRICULTURE
BENSON POLICE BARRACKS	073206		HARFORD	39 30	76 23W	365	17	17				MARYLAND STATE POLICE
BOYDS 2 NW	103206		MONTGOMERY	39 13	77 20W	580	18	18				HUNTER F STALEY
BRIGHTON DAM	112506		MONTGOMERY	39 12	77 1W	330		MID				WASH SUB SANY COMM
CAMBRIDGE WTR TRMT PL	138502		DORCHESTER	38 34	76 4W	5	16	16				WASTEWATER TRTMT PLANT
CATOCTIN MOUNTAIN PARK	153006		FREDERICK	39 39	77 29W	1610	17	17		C	H	CATOCTIN MOUNTAIN PARK
CENTREVILLE	162703		QUEEN ANNES	39 3	76 4W	60	17	17			H	INACTIVE 02/01/86
CHESTERTOWN	175005		KENT	39 13	76 4W	40	23	23			H	THOMAS W ELIASON JR
CLARKSVILLE 3 NNE	186206		HOWARD	39 15	76 56W	365	17	17				UNIVERSITY OF MARYLAND
COLLEGE PARK	199504		PRN GEORGES	38 53	76 57W	90	9	9		C	H	UNIVERSITY OF MARYLAND
CONOWINGO DAM	206000		HARFORD	39 39	76 10W	40	MID	MID			H	SUSQUEHANNA ELECTRIC CO
CRISFIELD SOMERS COVE	221501		SOMERSET	37 59	75 52W	8	17	17				SOMERS COVE MARINA
CUMBERLAND 2	228207		ALLEGANY	39 38	78 45W	730	18	7			H	TIMOTHY B THOMAS
DALECARLIA RESVR D C	232504		DORCHESTER	38 56	77 7W	126	17	17				U S CORPS OF ENGINEERS
DAMASCUS 2 SW	233506		MONTGOMERY	39 16	77 14W	720	19	19			H	RICHARD W SCHWERDT
DENTON 2 E	253302		CAROLINE	38 53	75 48W	50	17	17			H	ARTHUR REINHOLD
EDGEMONT	277007		WASHINGTON	39 40	77 33W	905	7	7				JOHN W HARNE
EMMITSBURG 2 SE	290606		FREDERICK	39 41	77 18W	416	17	17			H	MRS LUCILLE K BEALE
FREDRICK POLICE BRKS	334806		FREDERICK	39 25	77 26W	380	17	17			H	MARYLAND STATE POLICE
FREDERICK 3 E	335506		FREDERICK	39 24	77 22W	385	7	7				MISS I MARY STALEY
FROSTBURG 2	341507		ALLEGANY	39 40	78 56W	2170	7	7			H	LEE K CLOSE
GLENN DALE BELL STN	367504		PRN GEORGES	38 58	76 48W	150	16	16			H	USDA PLT INTRODUCT STN
HAGERSTOWN	397507		WASHINGTON	39 39	77 44W	660	18	18				HAGERSTOWN RESERVOIR
HANCOCK FRUIT LAB	403007		WASHINGTON	39 42	78 11W	428	16	16		C	H	SHARPSBURG RESEARCH C
LA PLATA 1 W	508003		CHARLES	38 32	77 0W	140	18	18				C RUSSELL LEVERING
LAUREL 3 W	511104		PRN GEORGES	39 6	76 54W	400	MID	MID				WASH SUB SANY COMM
MC HENRY 2 NW	583208		GARRETT	39 35	79 22W	2680	8	8		C	H	JOSEPH F JOHENNING
MECHANICSVILLE 5 NE	586503		ST MARYS	38 26	76 43W	100	19	19				SANDRA J HASTING
MERRILL	589408		GARRETT	39 36	79 5W	1790	9	9				DELWOOD E MERRILL
MILLINGTON 1 SE	598505		KENT	39 16	75 52W	30	18	18			H	HOWARD L HARVEY
NATIONAL ARBORETUM D C	635004		GARRETT	38 54	76 59W	50	8	8			H	U S NATL ARBORETUM
OAKLAND 1 SE	662008		GARRETT	39 24	79 24W	2420	17	17			H	BEA J CROSCO
OWINGS FERRY LANDING	677003		CALVERT	38 41	76 40W	160	17	17			H	JAMES C RASMUSSEN
PARKTON 2 SW	684406	//	BALTIMORE	39 38	76 42W	600	23	23			C	JOHN R FOX
PATUXENT RIVER	691503		ST MARY'S	39 20	76 25W	38	MID	MID			C	NAVAL WEATHER SERVICE
POTOMAC FILTER PLANT	727206		MONTGOMERY	39 2	77 15W	270	18	18				POTOMAC WATER FILT PLT
PRINCESS ANNE	733001		SOMERSET	38 13	75 41W	20	17	17			H	UNIVERSITY MARYLAND EAST
ROCKVILLE 1 NE	770506		MONTGOMERY	39 6	77 6W	440	17	17			H	WASH GAS & LIGHT CO
ROYAL OAK 2 SSW	780602		TALBOT	38 43	76 11W	10	18	18			H	JOHN L SWAINE JR
SALISBURY	800001		WICOMICO	38 22	75 35W	10	17	17				CITY OF SALISBURY
SALISBURY FAA AP #	800501		WICOMICO	38 20	75 31W	48	MID	MID			H	FAA
SAVAGE RIVER DAM	806508		GARRETT	39 31	79 8W	1495	8	8		8	C	U S CORPS OF ENGINEERS
SNOW HILL 4 N	838001		WORCESTER	38 14	75 23W	28	18	18			H	CURTIS E SHOCKLEY
TOWSON	887706		BALTIMORE	39 23	76 34W	390	18	18				BENDIX FRIEZ
UNIONVILLE	903006		FREDERICK	39 27	77 11W	430	18	18			C	CAROLINE R VON EIFF
UPPER HARLBORO 3 NNW	907004		PRN GEORGES	38 52	76 47W	98	8	8		8		TOBACCO EXP FARM
VIENNA	914006		DORCHESTER	38 29	75 50W	12	18	18			H	DELMARVA POWER & LIGHT
WESTMINSTER POLICE BRK	944002		CARROLL	39 33	76 58W	765	17	17				MARYLAND STATE POLICE

SEE REFERENCE NOTES FOLLOWING STATION INDEX

# STATION INDEX

MARYLAND AND  
DELAWARE  
MAY 1986

STATION	INDEX NO.	DIVISION	COUNTY	LATITUDE	LONGITUDE	ELEVATION (IN FEET)	OBSERVATION TIME AND TABLES				OBSERVER
							LOCAL STD TIME				
							TEMP	PRECIP	EVAP	SPECIAL (SEE NOTES)	
WOODSTOCK	9750	06	BALTIMORE	39 20	76 52W	460	18	18		H	JOHN A HILTZ
DELAWARE											
DOVER	2730	02	KENT	39 9	75 31W	30	17	17		H	STATE DIV OF HIGHWAYS
GEORGETOWN 5 SW	3570	02	SUSSEX	38 38	75 27W	45	8	8	8	C	UNIV OF DEL SUBSTATION
GREENWOOD 2 NE	3595	02	SUSSEX	38 50	75 35W	45	18	18		H	DANIEL M SWARTZENTRUBER
LEWES	5320	02	SUSSEX	38 46	75 8W	15	17	17		H	BOARD OF PUBLIC WORKS
MIDDLETOWN 1 WSW	5852	01	NEW CASTLE	39 26	75 45W	60	16	16		H	INACTIVE 08/01/85
MILFORD 4 SE	5915	02	SUSSEX	38 54	75 28W	30	17	17		H	DAVID S SCHLOTT
NEWARK UNIVERSITY FARM	6410	01	NEW CASTLE	39 40	75 44W	90	17	17	17	C	UNIV OF DELAWARE
WILMINGTON WSO AP	3595	01	NEW CASTLE	39 40	75 36W	79	MID	MID		HJ	NATL WEATHER SERVICE
WILMGTON PORTER RESVR	9605	01	NEW CASTLE	39 46	75 32W	274	MID	MID		H	WATER DEPARTMENT

SEE REFERENCE NOTES FOLLOWING STATION INDEX

# REFERENCE NOTES

MARYLAND AND  
DELAWARE  
MAY 1986

## DEFINITIONS

**STATION NAMES:** Name of the city, town or locality. Figures and letters following the station names indicate the distance in miles and direction from the post office or town community center.

**DIVISIONS:** Areas within a state of similar climatological characteristics. Division averages are calculated using data from stations that record both temperature and precipitation (ie: not precipitation alone).

**NORMALS:** The average value of the meteorological element over a time period. Effective 1 January 1983, the averaging period is 1951 to 1980. The normals for National Weather Service localities have been adjusted so as to be representative for the current observation site.

**MONTHLY DEGREE DAY TOTALS:** One heating (cooling) degree day is accumulated for each whole degree that the daily mean temperature is BELOW (ABOVE) 65 degrees Fahrenheit.

**PRECIPITATION:** Values shown in hundredths of inches are water equivalent totals, i.e. total of liquid and melted frozen precipitation. In the "MONTHLY SUMMARIZED DATA" table the total snow and sleet values shown in tenths of inches are unmelted amounts. The max. depth on ground values of snow and sleet shown in whole inches are cumulative unmelted amounts. The no. of days with .10, .50, 1.00 or more refers to water equivalents.

**TEMPERATURE:** Original and edited temperature values are given in the Daily Temperature Table. Edited values are produced when an original value is missing or when surrounding stations indicate a suspect original value. When a line labeled OBS is present and contains either a daily temperature (suspect) or \*\*\* (missing), the temperature appearing directly above, on the line labeled MAX or MIN, is an edited value. Summary temperature information (averages, departures, extremes, monthly degree day totals) is based on the values labeled MAX/MIN.

**WIND:** (As shown in "Evaporation and Wind" table) The total wind movement in miles over the evaporation pan as determined by an anemometer recorder located 6-8 inches above the pan.

## SYMBOLS AND LETTERS USED IN THE STATION INDEX TABLE

- # Thermometers located in a rooftop shelter.
- // Rain Gage equipped with a windshield.
- AR Observation made "after rain" has occurred.
- C Station is equipped with recording rain gage (R) but values in this bulletin are from a non-recording rain gage unless indicated by an R.
- G Observations appear in "Soil Temperatures" table.
- H Observations appear in "Snowfall and Snow on Ground" table.
- J Station also published as a Local Climatological Data publication.
- MID Observation time is midnight.
- MO Rain gage read once monthly, usually the last day.
- OC Rain gage readings vary from a few weeks to several months.
- R Amounts from recording rain gage.
- SR Observation time near sunrise.
- SS Observation time near sunset.
- VAR Observation time varies.
- WI Rain gage read weekly or irregularly.
- WM Rain gage read weekly and last day of month.

## SYMBOLS AND LETTERS USED IN THE DATA TABLES

(DAILY DATA ARE FOR THE 24 HOURS IMMEDIATELY PRECEDING OBSERVATION TIME.)

BLANK entries in the "Monthly Summarized Data" table indicate no record. BLANK entries in the "Daily Precipitation" and "Snowfall and Snow on Ground" tables indicate zero.

BLANK entries in the "Daily Temperature" table indicate a missing record where an edited value could not be determined. (See \*\*\* below)

- No record. Data not recorded, determined unreliable by quality control checks, or not received in time for publication.

+ Precipitation or temperature extremes occurred on one or more previous dates during the month.

\*\*\* Missing original temperature which has been estimated during edit.

\* Rain gage not read. Precipitation is included in the amount following the asterisks. Time distribution not known. A \* preceding the monthly total indicates precipitation amount is being carried forward to next months total, and may include amounts from the previous month(s).

// Rain gage equipped with a windshield.

A Amount of precipitation is the total of observer's entries for the current month. It may include precipitation that occurred during the previous month. Refer to earlier bulletin to determine date of last reading. (HAWAII stations)

B Adjusted monthly value (estimated), (1-7 missing values for wind and evaporation)

M Insufficient or partial data. M is appended to average and/or total values computed with 1-9 daily values missing. M appears alone if 10 or more daily values are missing, (8 or more for wind and evaporation).

R Amounts from recording rain gage.

T Trace. An amount too small to measure.

V Includes total for previous month(s). (See \* above)

Additional Information regarding the climate of this state may be obtained by writing to the National Climatic Data Center, Federal Building, Asheville, N. C. 28801-2696, or to any Weather Service Office near you. Additional precipitation data are contained in the "Hourly Precipitation Data" bulletin for each state, except Alaska.

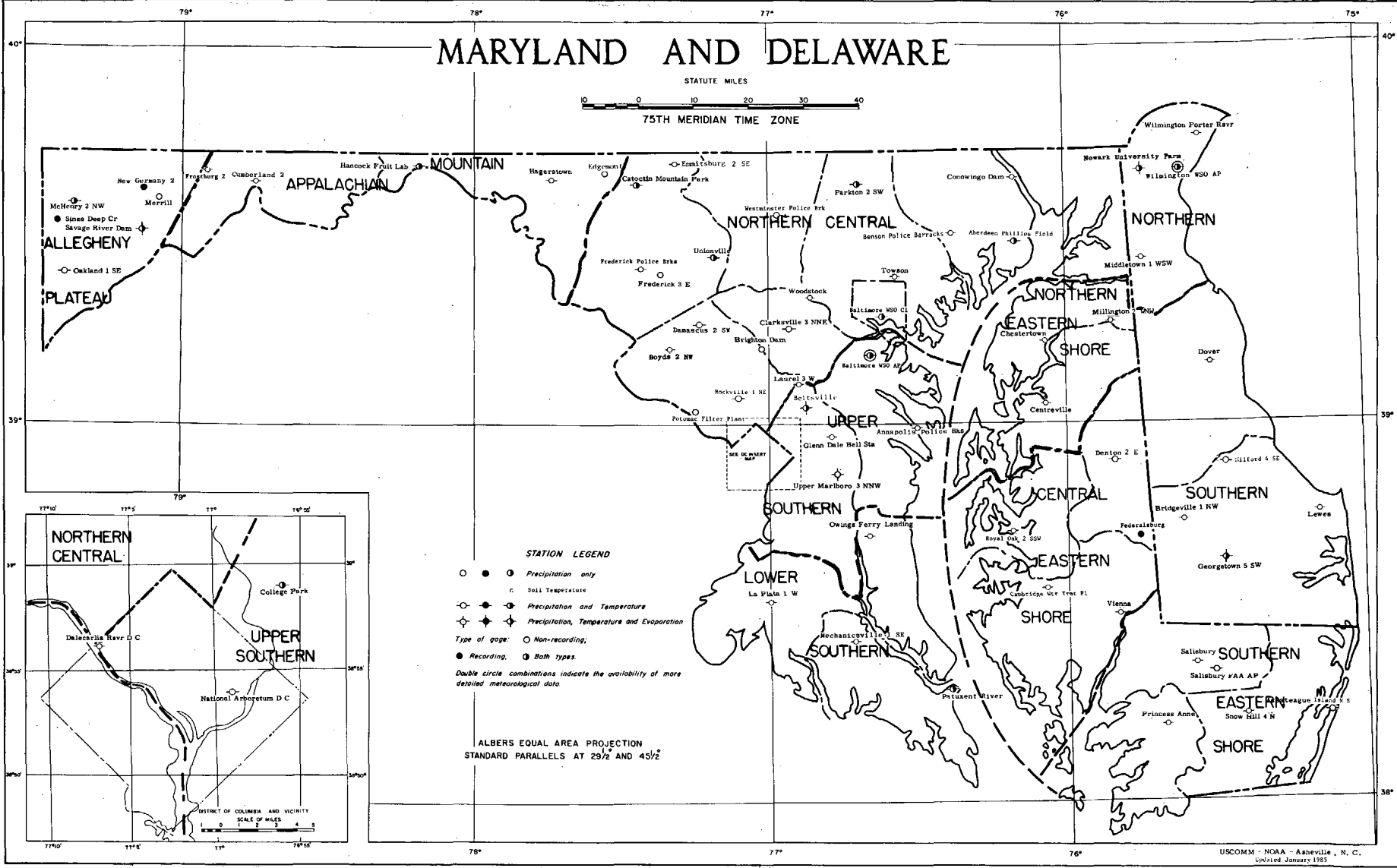
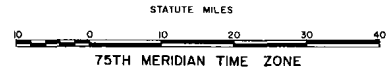
Seasonal Tables: Monthly and seasonal snowfall and heating degree days for the 12 months ending with the June data are published in the July issue of this bulletin. Cooling degree days for the calendar year are published in the "Climatological Data Annual Summary".

Information concerning the history of changes in locations, exposure, etc. of substations through 1955 is available in the "Substation History" publication. Subsequent historical information is kept on file at the National Climatic Data Center. Similar historical information for regular National Weather Service Offices may be obtained from the "Local Climatological Data" annual publication.

SUBSCRIPTION, PRICE AND ORDERING INFORMATION AVAILABLE FROM:  
NATIONAL CLIMATIC DATA CENTER  
FEDERAL BUILDING  
ASHEVILLE, NC 28801-2696

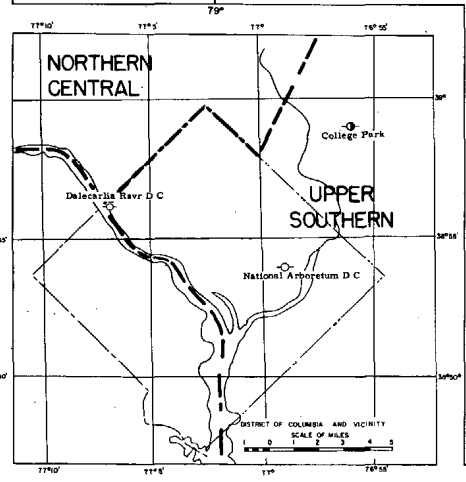
USCOMM-NOAA-ASHEVILLE, N.C. MAY 1986-0680

# MARYLAND AND DELAWARE



- STATION LEGEND**
- ● ○ Precipitation only
  - Soil Temperature
  - ● ○ 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

ALBERS EQUAL AREA PROJECTION  
STANDARD PARALLELS AT 29 1/2 AND 45 1/2





DEPARTMENT OF COMMERCE  
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION  
NATIONAL ENVIRONMENTAL SATELLITE, DATA, AND INFORMATION SERVICE  
NATIONAL CLIMATIC DATA CENTER  
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