

# CLIMATOLOGICAL DATA

## MARYLAND AND DELAWARE

MAY 1985

VOLUME 89 NUMBER 5



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28801

*Kenneth D. Hadlee*

DIRECTOR  
NATIONAL CLIMATIC DATA CENTER

**noaa**

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# TEMPERATURE AND PRECIPITATION EXTREMES

MARYLAND AND  
DELAWARE  
MAY 1985

MARYLAND  
HIGHEST TEMPERATURE 92  
LOWEST TEMPERATURE 27  
GREATEST TOTAL PRECIPITATION 7.85  
LEAST TOTAL PRECIPITATION 3.67  
GREATEST 1 DAY PRECIPITATION 2.70

DELAWARE  
HIGHEST TEMPERATURE 89  
LOWEST TEMPERATURE 34  
GREATEST TOTAL PRECIPITATION 6.12  
LEAST TOTAL PRECIPITATION 3.87  
GREATEST 1 DAY PRECIPITATION 2.92

MAY 27  
MAY 4

MAY 3

MAY 13  
MAY 4

MAY 17

BALTIMORE WSO CI R  
OAKLAND 1 SE  
CLARKSVILLE 3 NNE  
SALISBURY  
FROSTBURG 2

LEWES  
GEORGETOWN 5 SW  
DOVER  
LEWES  
BRIDGEVILLE 1 NW



# MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

MARYLAND AND  
DELAWARE  
MAY 1985

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 MAX	32 OR BELOW MIN	32 OR BELOW MIN	0 OR BELOW				TOTAL	MAX. DEPTH ON GROUND	DATE	.10 OR MORE	.50 OR MORE
EMMITSBURG 2 SE	76.7	49.5	63.1		85 27+	30 4	97	48	0	0	1	0	5.00		1.63 3	.0	0	10 4	1	
FREDRICK POLICE BRKS	78.7	50.1	66.9		88 14	37 4	53	118	0	0	0	0	4.58		.96 23	.0	0	9 5	0	
PARKTON 2 SW	73.3	49.9	61.6		86 1	33 4	142	43	0	0	0	0	5.76		1.10 3	.0	0	9 6	2	
ROCKVILLE 1 NE	74.6	52.9	63.8	-1.1	86 14+	36 4	106	77	0	0	0	0	4.71	.94	.87 28	.0	0	10 5	0	
TOWSON																				
UNIONVILLE	77.5	47.4	62.5	1.6	88 12+	28 4	108	35	0	0	1	0	5.00	1.33	1.52 3	.0	0	9 3	2	
WESTMINSTER POLICE BRK	77.6	53.7	65.7	4.2	86 28+	40 4	68	96	0	0	0	0	5.73	1.86	1.60 3	.0	0	9 5	2	
WOODSTOCK	78.1	52.4	65.3	2.9	88 1	33 4	70	84	0	0	0	0	6.87	3.10	1.56 17	.0	0	9 5	2	
--DIVISIONAL DATA-->			64.7	2.1									5.55	1.73		.0				
APPALACHIAN MOUNTAIN 07																				
CUMBERLAND 2	78.2	50.8	64.5	1.7	89 13	35 3	81	76	0	0	0	0	4.55	.94	2.05 3	.0	0	8 3	1	
FROSTBURG 2	70.1	45.2	57.7		82 15+	35 5+	227	7	0	0	0	0	6.32		2.70 3	.0	0	9 3	1	
HAGERSTOWN	78.2	53.2	65.7	2.6	88 14	37 5+	68	99	0	0	0	0	5.77	2.03	1.36 3	.0	0	11 5	1	
HANCOCK FRUIT LAB	78.2	48.1	63.2	3.0	87 14+	30 4	100	47	0	0	1	0	5.66	2.25	2.16 3	.0	0	8 5	1	
--DIVISIONAL DATA-->			62.8	1.2									5.58	1.89		.0				
ALLEGHENY PLATEAU 08																				
MC HENRY 2 NW	69.5	47.0	58.3		82 15	35 4	214	17	0	0	0	0	7.41		2.05 31	.0	0	11 3	3	
OAKLAND 1 SE	71.6	45.5	58.6	2.3	83 14	27 4	205	10	0	0	1	0	7.28	2.84	2.68 31	.0	0	9 4	2	
SAVAGE RIVER DAM	72.7	46.1	59.4	1.6	86 15	30 4	176	12	0	0	2	0	5.50	1.83	2.18 3	.0	0	11 3	1	
--DIVISIONAL DATA-->			58.8	2.2									6.73	2.61		.0				
DELAWARE																				
NORTHERN 01																				
MIDDLETOWN 1 WSW	77.1	54.1	65.6		88 11	38 4	65	90	0	0	0	0	4.67		1.96 3	.0	0	6 3	2	
NEWARK UNIVERSITY FARM	77.2	53.5	65.4	2.7	87 11	35 4	63	81	0	0	0	0	3.88	.36	2.04 3	.0	0	6 2	2	
WILMINGTON WSO AP	76.7	55.0	65.9	3.7	88 27	37 4	73	106	0	0	0	0	5.52	2.29	2.39 17	.0	0	5 3	3	
WILMGTN PORTER RESVR	73.8	54.2	64.0	2.4	86 27+	43 4	100	79	0	0	0	0	5.94	2.37	2.00 17	.0	0	7 4	3	
--DIVISIONAL DATA-->			65.2	2.8									5.00	1.64		.0				
SOUTHERN 02																				
BRIDGEVILLE 1 NW	77.9	54.4	66.2	2.5	87 14+	37 4	67	109	0	0	0	0	5.13	1.82	2.92 17	.0	0	5 3	1	
DOVER	78.5	56.5	67.5	3.3	87 28+	38 4	53	138	0	0	0	0	6.12	2.62	1.68 3	.0	0	9 4	3	
GEORGETOWN 5 SW	75.4	54.1	64.8	1.7	88 15	34 4	100	101	0	0	0	0	4.09	.83	1.01 18	.0	0	8 4	1	
LEWES	79.4	55.7	67.6	5.5	89 13+	41 4	54	139	0	0	0	0	3.87	.33	1.15 17	.0	0	7 4	1	
MILFORD 4 SE	78.3	54.4	66.4	2.5	88 12+	40 5+	65	112	0	0	0	0	5.22	1.74	1.92 17	.0	0	7 4	2	
--DIVISIONAL DATA-->			66.5	3.1									4.89	1.49		.0				

SEE REFERENCE NOTES FOLLOWING STATION INDEX

# DAILY PRECIPITATION (INCHES)

MARYLAND AND  
DELAWARE  
MAY 1985

STATION	TOTAL	DAY OF MONTH														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MARYLAND																
SOUTHERN EASTERN SHORE 01																
ASSATEAGUE STATE PARK	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PRINCESS ANNE	3.93			.48												
SALISBURY	3.67			.36												
SALISBURY FAA AP	3.94		.06	.43												
SNOW HILL 4 N	4.73			.38												
CENTRAL EASTERN SHORE 02																
CAMBRIDGE WTR TRMT PL	4.89			.87												
DENTON 2 E	4.92			1.46											.02	
ROYAL OAK 2 SSW	4.51			.90											.39	
VIENNA	4.85			.61							.03				.23	
LOWER SOUTHERN 03																
LA PLATA 1 W	4.41		.03	.68											.08	
MECHANICSVILLE 5 NE	4.82		T	.85										T	.03	
OWINGS FERRY LANDING	5.53		T	.82											.39	
PATUXENT RIVER	4.15		.38	.35							.02	T	.08			
UPPER SOUTHERN 04																
ANNAPOLIS POLICE BRKS	5.90			1.07											.73	
BALTIMORE WSO AP	6.01		.69	.79									.70			T
BELTSVILLE	4.57			1.43											.58	
COLLEGE PARK	4.78			1.35	T										.78	
DALECARLIA RESVR D C	5.87		.06	1.20											.57	
GLENN DALE BELL STN	5.12			.94											1.48	
LAUREL 3 W	6.23		.69	.88										.43		
NATIONAL ARBORETUM D C	5.43			1.05	.04									*	1.13	
UPPER MARLBORO 3 NNW	4.00			.93											.62	
NORTHERN EASTERN SHORE 05																
CENTREVILLE	3.74			1.15											.30	
CHESTERTOWN	5.74		.67	.91											.01	
MILLINGTON 1 SE	M		.05	1.57	T									T	.33	
NORTHERN CENTRAL 06																
ABERDEEN PHILLIPS FLD	4.25			1.67											.09	.02
BALTIMORE WSO CI	6.51		.81	.71							T					
BENSON POLICE BARRACKS	5.39		T	2.01	T					T			.53		.62	.02
BOYDS 2 NW	5.20		.09	1.10												
BRIGHTON DAM	6.07		.50	.75									.66			
CATOCTIN MOUNTAIN PARK	5.54		.46	1.41									.35	T	.31	
CLARKSVILLE 3 NNE	7.85		.02	1.33					.01				.09		.48	.03
CONOWINGO DAM	4.97			2.04	.16					.01					.39	
DAMASCUS 2 SW	5.89		T	1.00						T			.72		.09	T
EMMITSBURG 2 SE	5.00		.45	1.63						T					.50	
FREDRICK POLICE BRKS	4.58		.08	.85											.30	
FREDERICK 3 E	6.09		T	1.30											.45	
PARKTON 2 SW	5.76		1.03	1.10												
POTOMAC FILTER PLANT	4.02		.53	.63						T	.02			.78	T	.02
ROCKVILLE 1 NE	4.71		.52	.66										.17		
TOWSON	M									T				.24		
UNIONVILLE	5.00			1.52											.37	
WESTMINSTER POLICE BRK	5.73		.03	1.60											.53	
WOODSTOCK	6.87		.03	1.36											.51	T

SEE REFERENCE NOTES FOLLOWING STATION INDEX

# DAILY PRECIPITATION (CONT)

MARYLAND AND  
DELAWARE  
MAY 1985

STATION	DAY OF MONTH															
	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
<b>MARYLAND</b>																
SOUTHERN EASTERN SHORE 01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ASSATEAGUE STATE PARK	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PRINCESS ANNE		1.47	.30					.53	.28	.57				.22	.03	
SALISBURY		1.60	.12				.09	.26	.52	.56				.09	.03	
SALISBURY FAA AP		1.19	.11			.01	.16	.78	1.01	T			.09	.01	.02	
SNOW HILL 4 N		2.20	.16	T			.02	.37	.30	.55				.66	.01	
CENTRAL EASTERN SHORE 02																
CAMBRIDGE WTR TRMT PL		1.34	.55				.22	.37	.50	.08				.91	.03	
DENTON 2 E		.92	.31			.04	.58	.53	.09	.09				.51		
ROYAL OAK 2 SSW	.01	.95	.62			T	.15	1.01	.26				T	.36	.02	
VIENNA		1.64	.25				.42	.47	.31	.45				.61	.06	
LOWER SOUTHERN 03																
LA PLATA 1 W	.09	.38	.05			.07		.65	.73	.29				T	.85	.51
MECHANICSVILLE 5 NE	.11	.86	.04			.01	.46	.50	.74	.16					.64	.42
OWINGS FERRY LANDING	.05	.84	.14			.14	.16	1.02	.42	.05				1.27	.23	.23
PATUXENT RIVER	T	.98	.04			.08		.88	.90				.14	T	.30	
UPPER SOUTHERN 04																
ANNAPOLIS POLICE BRKS	.03	1.02	.28				.11	.75	.08					1.54	.29	.29
BALTIMORE WSO AP	R	.15	.08			.40	T	.87					.82		.37	.37
BELTSVILLE		.72	.38				.31	.47	.26	.12				.18	.12	.12
COLLEGE PARK		.64	.58				.24	.66	.14	.08				.15	.16	.16
DALECARLIA RESVR D C	.19	1.03	.12				.94	.83		.26			.28	.06	.33	.33
GLENN DALE BELL STN	.03	.57	.41				.15	.80	.05	.06				.51	.12	.12
LAUREL 3 W	.20	1.54	.10			1.40		.74							.25	.25
NATIONAL ARBORETUM D C		.51	.61				.82	.52	.28	.11			.33		.02	.02
UPPER MARLBORO 3 NNW		.28	.34				.50	.33	.20	.15				.65		
NORTHERN EASTERN SHORE 05																
CENTREVILLE	T	1.05	.14				*	*	.70					.40	T	T
CHESTERTOWN	T	1.68	.06			.28	.02	.67	T				.69	T	T	T
MILLINGTON 1 SE	T	1.32					.14	.70	T					.69		T
NORTHERN CENTRAL 06																
ABERDEEN PHILLIPS FLD	R	.03	.77		.12		.03	1.10					T	.39	.03	.03
BALTIMORE WSO C1		.24	.03			.64	.07	.86					1.27		.33	.33
BENSON POLICE BARRACKS		.05	.15				.17	1.05	T				.06	.40	.14	.14
BOYDS 2 NW		.26	.17			.24		.75					.74		.64	.64
BRIGHTON DAM		.62	.23			.47	.10	.90	T				.50		.45	.45
CATOCTIN MOUNTAIN PARK		.29	.52				.47	.70					.39		.35	.35
CLARKSVILLE 3 NNE		.31	.59				1.27	.86					1.43	.03	.45	.45
CONOWINGO DAM		.23	.62				.34	.04	.56					.53	.05	.05
DAMASCUS 2 SW	.26	.57	.36			T	.48	.80	T				.80	.01	.62	.62
EMMITSBURG 2 SE	.25	.50	.49				.30	.50					.06	.10	.22	.22
FREDERICK POLICE BRKS	.22	.62	.25				.56	.96	T				.10	.05	.59	.59
FREDERICK 3 E	.03	.60	.78				.76	.66	.45					.31	.12	.12
PARKTON 2 SW	//	.17	.06			.21		.76					.55	T	.16	.16
POTOMAC FILTER PLANT		.65	.07			.52		.51					.20		.24	.24
ROCKVILLE 1 NE		.47	.12			.25		.63	T				.87		.29	.29
TOWSON																
UNIONVILLE		.20	.62			.21		1.30						.21	.42	.15
WESTMINSTER POLICE BRK		.10	.78				.14	.60					.08	.19	T	.23
WOODSTOCK		.41	.44				.91	.98					.30	.04		.33

SEE REFERENCE NOTES FOLLOWING STATION INDEX  
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# DAILY PRECIPITATION (INCHES)

MARYLAND AND  
DELAWARE  
MAY 1985

STATION	TOTAL	DAY OF MONTH														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
APPALACHIAN MOUNTAIN CUMBERLAND 2	07	4.55														
EDGEMONT		5.94		.33	2.05											
FROSTBURG 2		6.32		.03	1.92	.03										
HAGERSTOWN		5.77	.02	.46	2.70											
HANCOCK FRUIT LAB		5.66		.81	1.36											T
				.14	2.16											
ALLEGHENY PLATEAU MC HENRY 2 NW	08	7.41														
MERRILL		5.06		.15	1.77											
OAKLAND 1 SE		7.28		.25	2.20	.01										
SAVAGE RIVER DAM		5.50		.85	1.89											
				.28	2.18	T										
DELAWARE																
NORTHERN MIDDLETOWN 1 WSW	01	4.67														
NEWARK UNIVERSITY FARM		3.88			1.96											
WILMINGTON WSO AP	R	5.52			2.04	.09										
WILMGTON PORTER RESVR		5.94	1.14	1.08												
			1.26	1.07												
SOUTHERN BRIDGEVILLE 1 NW	02	5.13														
DOVER		6.12	T		.96											
GEORGETOWN 5 SW		4.09			1.68											
LEWES		3.87			.68	.05										
MILFORD 4 SE		5.22			.59	.01										
					1.00											

SEE REFERENCE NOTES FOLLOWING STATION INDEX

# DAILY PRECIPITATION (CONT)

MARYLAND AND  
DELAWARE  
MAY 1985

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	T	.17	.23					.35	.25					.64		.50
EDGEMONT	T	.47	1.02				.88	.32	.33					.37		.44
FROSTBURG 2	.05	.30	.24	.06			.04	.30	.40				T	.82		.68
HAGERSTOWN	.17	.53	.37			.48		.56					.34			.45
HANCOCK FRUIT LAB	.10	.99	.34					.67					.61			.55
ALLEGHENY PLATEAU 08																
MC HENRY 2 NW	.36	.23	.49	.24				.36	.17				.16	1.43		2.05
MERRILL	.06	.27	.20		.15			.30	.10				.01	.45		1.02
OAKLAND 1 SE	.03	.47	.12	.07		T		.58					.16	.20		2.68
SAVAGE RIVER DAM	.11	.19	.19	.11		T		.39	.25				.01	.82		.58
DELAWARE																
NORTHERN MIDDLETOWN 1 WSW 01	T	1.21	.10				.08	.50	.42					.22		
NEWARK UNIVERSITY FARM	T	1.18	.11										.13	.19		
WILMINGTON WSO AP	R	2.39	.02			.09	T	.43					.29			T
WILMGTON PORTER RESVR	T	2.00	.32			.60	.02	.43					.22			
SOUTHERN BRIDGEVILLE 1 NW 02	T	2.92	.05				.05	.52	.24	.06			.08	.25		
DOVER		1.08	.22			.14	.57	.48	.18					1.55		
GEORGETOWN 5 SW		.12	1.01				.10	.32	.64	.71				.43		
LEWES		1.15	.15					.95	.22	.13			.03	.64		
MILFORD 4 SE	T	1.92	.98				.15	.55	.10	.05			T	.42		

SEE REFERENCE NOTES FOLLOWING STATION INDEX



# DAILY TEMPERATURES (°F)

MARYLAND AND  
DELAWARE  
MAY 1985

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																																		M
PRINCESS ANNE	MIN	83	83	61	67	75	84	82	73	75	79	85	82	85	89	87	88	72	69	71	82	83	79	76	62	77	84	84	84	83	72	80	78.6		
	OBS	58	54	47	32	40	49	58	44	44	55	61	66	66	59	58	48	56	50	52	52	66	59	55	53	52	50	55	68	58	43	55	53.6		
SALISBURY	MAX	82	79	59	69	75	84	80	75	75	78	85	82	85	90	83	76	70	70	71	82	82	78	72	61	77	86	85	86	78	74	78	77.6		
	MIN	54	55	46	37	47	57	63	49	47	55	62	67	63	64	57	51	60	54	50	55	63	60	54	54	51	55	59	67	57	46	51	55.2		
SALISBURY FAA AP	MAX	83	65	55	69	77	85	73	74	76	80	86	80	85	90	71	77	71	69	73	83	83	75	60	61	77	86	85	84	67	72	80	75.9		
	MIN	55	51	40	36	48	57	57	50	46	57	64	68	66	61	52	52	60	55	52	55	64	59	57	53	53	53	62	66	50	46	58	54.9		
SNOW HILL 4 N	MAX	85	75	62	69	78	87	84	75	75	82	86	81	87	86	79	77	72	70	73	83	82	77	70	61	75	87	86	88	82	71	78	78.2		
	MIN	52	55	48	33	44	53	61	46	43	50	62	65	63	64	58	49	56	55	48	58	64	59	57	55	52	53	57	66	57	45	55	54.3		
CENTRAL EASTERN SHORE 02																																			
CAMBRIDGE WTR TRMT PL	MAX	85	84	59	66	79	85	83	75	75	81	86	86	85	86	83	76	72	69	73	82	82	81	73	62	78	84	87	86	83	75	79	78.7		
	MIN	57	58	47	38	37	58	64	55	49	59	63	69	64	65	58	54	57	57	54	60	66	63	55	55	53	50	51	67	59	47	58	56.4		
DENTON 2 E	MAX	85	80	55	70	78	85	82	76	76	83	88	83	86	86	84	76	68	71	73	83	82	76	75	62	80	86	86	85	78	75	80	78.5		
	MIN	52	53	44	33	42	55	62	44	42	48	60	65	61	59	54	49	57	53	48	48	64	58	54	53	49	51	58	64	57	43	55	52.7		
ROYAL OAK 2 SSW	MAX	84	78	57	66	78	82	78	74	75	80	85	82	84	83	76	71	69	68	71	80	80	73	70	62	79	85	84	83	69	72	79	76.0		
	MIN	60	55	47	41	53	58	62	49	51	58	66	68	65	65	58	54	58	56	55	63	66	62	56	55	50	59	62	69	60	48	61	57.7		
VIENNA	MAX	82	81	55	70	76	86	76	78	72	81	85	82	86	91	87	80	71	72	76	82	84	80	74	61	80	89	86	85	82	77	78	78.9		
	MIN	56	51	46	45	52	58	60	47	49	56	65	67	65	65	58	57	52	53	50	57	64	60	55	54	51	56	63	62	59	46	48	55.7		
LOWER SOUTHERN 03																																			
LA PLATA 1 W	MAX	85	76	59	67	80	83	80	72	77	81	83	82	83	84	79	68	64	66	72	84	81	72	70	58	75	82	84	83	74	72	78	75.9		
	MIN	57	54	47	38	47	53	60	44	52	57	63	65	63	61	61	60	60	53	44	54	67	62	57	55	51	50	57	68	59	49	62	55.8		
MECHANICSVILLE 5 NE	MAX	87	72	57	70	82	85	76	75	78	83	86	84	87	87	76	70	66	70	74	85	83	72	66	59	79	85	86	82	66	74	79	76.8		
	MIN	53	56	46	37	47	52	62	44	48	55	62	64	61	62	57	57	58	54	42	55	66	61	56	55	51	55	58	66	59	45	58	54.9		
OWINGS FERRY LANDING	MAX	88	86	61	70	82	85	84	84	78	84	86	82	86	87	84	68	65	69	75	85	83	74	72	60	80	86	86	85	79	74	79	78.9		
	MIN	40	55	46	37	45	55	60	43	49	49	62	65	60	61	58	55	56	54	44	56	66	61	55	54	52	54	60	66	59	47	60	54.3		
PATUXENT RIVER	MAX	86	68	57	66	81	83	72	73	74	81	85	79	80	86	73	72	70	70	76	87	81	74	64	61	79	86	88	87	67	72	85	76.2		
	MIN	59	52	47	43	53	57	58	51	58	59	65	66	65	64	59	57	56	54	48	61	64	62	56	56	54	60	64	64	57	49	62	57.4		
UPPER SOUTHERN 04																																			
ANNAPOLIS POLICE BRKS	MAX	82	80	70	68	82	86	79	75	73	79	84	81	83	83	81	69	64	69	75	85	80	79	76	67	81	88	88	88	81	74	79	78.4		
	MIN	58	59	46	39	49	59	62	50	53	58	64	66	64	64	58	58	59	55	49	53	68	62	55	54	53	55	53	70	60	51	63	57.0		
BALTIMORE WSO AP	MAX	89	68	62	70	81	85	73	75	77	83	88	81	86	85	66	67	63	68	73	84	82	74	65	68	81	85	86	83	65	72	77	76.2		
	MIN	54	48	45	37	47	57	49	46	50	53	61	62	60	61	56	55	57	49	46	49	63	60	56	55	52	59	58	63	55	50	60	54.0		
BELTSVILLE	MAX	81	87	65	62	71	81	85	68	76	78	84	86	83	86	85	66	67	63	66	74	83	82	75	58	67	78	85	86	83	64	74	75.8		
	MIN	49	58	46	34	45	51	48	44	47	51	60	62	59	58	59	56	56	53	44	47	63	59	56	53	47	54	56	65	59	47	59	53.1		
COLLEGE PARK	MAX	84	89	67	62	72	83	87	67	77	80	86	89	86	89	86	67	68	61	68	76	87	83	77	60	65	80	88	89	84	66	77	77.4		
	MIN	57	60	47	37	48	53	61	51	49	54	63	67	63	61	60	59	58	54	48	50	67	61	57	55	51	56	56	67	58	49	62	56.1		
DALECARLIA RESVR D C	MAX	88	85	63	70	82	85	83	75	78	84	87	87	88	87	86	68	65	69	75	86	85	83	75	66	80	87	88	88	68	75	79	79.5		
	MIN	72	55	44	39	48	53	59	61	46	53	59	65	62	61	59	59	50	52	44	55	66	61	54	54	51	58	57	68	58	60	63	56.3		
	OBS																																		
GLENN DALE BELL STN	MAX	88	88	58	71	80	84	83	77	79	83	88	86	86	85	84	65	65	68	75	84	84	83	72	66	81	83	87	85	81	75	75	79.0		
	MIN	54	58	45	29	41	50	59	42	44	50	54	58	58	57	57	55	55	52	41	47	66	59	53	53	47	51	54	65	58	45	59	52.1		
LAUREL 3 W	MAX	87	70	64	72	81	85	75	77	78	86	86	83	88	87	71	65	63	68	75	83	83	76	66	69	80	84	88	72	66	74	77	76.7		
	MIN	59	47	49	42	51	61	55	59	52	54	60	64	61	67	58	56	56	53	48	66	61	58	54	53	54	63	64	63	59	54	59	56.8		

SEE REFERENCE NOTES FOLLOWING STATION INDEX

# DAILY TEMPERATURES (°F)

MARYLAND AND  
DELAWARE  
MAY 1985

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			
NATIONAL ARBORETUM D C	MAX OBS	82	88	67	63	72	82	85	69	76	79	84	86	88	88	87	70	68	66	69	75	83	83	76	68	65	82	86	83	84	76	76	77.6	
	MIN OBS	46	59	46	36	42	53	58	51	48	50	57	61	60	65	58	58	56	50	45	50	57	60	56	54	48	55	66	63	59	48	53	53.8	
UPPER MARLBORO 3 NNW	MAX	82	87	65	60	70	81	85	70	76	79	83	87	84	85	86	69	68	63	69	75	85	84	74	59	63	80	86	87	83	63	74	76.2	
	MIN	47	58	46	34	41	50	59	47	45	52	59	60	60	58	57	56	56	53	44	48	59	60	57	54	50	53	57	65	59	45	52	52.9	
NORTHERN EASTERN SHORE 05																																		
CENTREVILLE	MAX OBS	85	80	70	77	79	85	77	74	77	82	87	84	85	84	83	79	75	75	79	80	84	82	78	77	81	80	83	81	71	76	78	79.6	
	MIN OBS	43	40	44	40	36	47	61	49	45	51	61	60	61	61	59	53	50	53	56	54	51	57	52	52	50	53	59	56	57	45	57	52.0	
CHESTERTOWN	MAX	84	68	59	69	79	84	72	74	77	82	86	83	85	85	70	70	64	68	73	83	82	75	64	69	81	86	85	84	67	76	78	76.2	
	MIN	58	47	45	41	51	59	58	52	47	56	64	63	62	62	55	53	56	53	53	54	64	60	56	55	55	59	63	66	58	49	60	55.9	
MILLINGTON 1 SE	MAX	84	80	59	69	79	83	77	74	76	80	87	80	84	81	68	73	67	71	82	82	74	66	69	82	85	85	83	69	73	76	M	M	
	MIN	51	50	45	35	45	57	60	43	43	51	61	66	62	53	50	55	51	50	64	59	55	53	51	52	57	64	58	45	58	M	M		
NORTHERN CENTRAL 06																																		
ABERDEEN PHILLIPS FLD	MAX	82	82	57	69	78	80	78	71	76	80	86	85	85	85	85	68	67	71	73	83	82	80	73	68	82	86	86	84	77	74	76	77.7	
	MIN	55	57	46	40	50	57	61	47	48	56	62	61	61	60	51	54	59	58	52	52	67	59	57	55	52	57	58	66	60	50	61	55.8	
BALTIMORE WSO CI	MAX	88	68	62	74	84	89	75	79	80	86	88	82	90	90	69	68	64	71	77	87	86	80	69	70	84	91	92	89	68	76	79	79.2	
	MIN	68	48	47	47	52	63	56	53	51	60	68	66	66	69	57	59	57	54	51	58	66	61	56	57	57	67	67	64	60	56	62	58.8	
BENSON POLICE BARRACKS	MAX	85	80	67	72	80	81	75	75	76	81	86	85	87	87	85	63	68	67	71	85	84	80	75	72	81	86	88	86	71	75	76	78.4	
	MIN	44	49	39	35	42	54	54	45	39	49	54	59	55	57	46	46	49	48	45	49	63	56	55	51	50	59	58	64	58	49	61	51.0	
BOYDS 2 NW	MAX	87	80	61	68	81	82	80	74	77	82	80	84	84	83	80	68	61	65	73	82	80	77	66	71	78	84	85	84	68	72	76	76.5	
	MIN	52	51	46	40	46	56	56	47	46	52	60	62	59	60	58	56	56	50	45	52	63	55	53	51	52	60	59	63	55	50	59	53.9	
CATOCTIN MOUNTAIN PARK	MAX	79	65	60	66	76	75	72	69	72	78	80	71	80	81	81	60	60	59	65	78	77	69	58	74	75	79	80	80	78	67	71	72.1	
	MIN	58	45	40	37	49	59	52	46	43	52	61	61	59	58	51	53	52	45	43	55	60	49	51	49	49	59	62	62	53	50	56	52.2	
CLARKSVILLE 3 NNE	MAX	89	75	62	70	82	84	80	76	80	85	88	86	87	85	83	85	63	67	73	85	83	77	72	70	79	87	88	85	66	74	77	78.8	
	MIN	42	55	45	30	39	49	58	40	45	47	55	59	58	53	57	55	54	51	45	43	61	56	54	52	46	50	53	60	57	47	59	50.8	
CONOWINGO DAM	MAX	85	66	60	71	82	79	68	72	76	82	84	80	85	84	68	67	64	69	74	83	81	74	61	74	81	88	88	82	67	76	76	75.7	
	MIN	49	48	44	36	48	55	52	46	43	52	60	62	61	59	52	54	57	50	46	50	62	59	54	52	52	54	57	64	54	50	60	53.0	
DAMASCUS 2 SW	MAX	87	68	61	68	80	81	72	73	77	82	86	82	84	82	70	62	61	64	72	82	79	72	63	70	79	83	85	79	65	73	75	74.7	
	MIN	54	48	44	36	47	57	54	45	47	53	60	62	58	59	55	55	55	49	42	51	63	53	53	50	50	57	58	63	55	49	58	52.9	
EMMITSBURG 2 SE	MAX	85	82	62	70	79	79	77	74	75	80	84	84	85	85	83	64	63	65	73	81	81	80	69	73	80	84	85	81	68	72	75	76.7	
	MIN	45	45	44	30	40	58	55	44	40	45	52	59	61	49	54	55	51	50	40	42	56	52	54	48	47	50	52	62	54	45	57	49.5	
FREDRICK POLICE BRKS	MAX	87	82	64	70	82	82	78	79	77	83	86	85	87	88	87	64	65	66	74	84	84	81	72	73	82	86	87	87	69	73	75	78.7	
	MIN	56	50	44	37	46	62	57	50	47	53	63	65	61	58	60	58	56	53	43	48	64	57	54	52	52	62	61	68	58	51	62	55.1	
PARKTON 2 SW //	MAX	86	63	59	67	78	77	68	71	74	81	85	80	83	81	69	63	61	65	70	82	80	70	58	71	78	84	85	79	62	70	73	73.3	
	MIN	48	45	42	33	43	53	50	43	41	49	58	61	59	55	49	51	54	44	41	45	59	54	50	49	50	53	55	59	50	46	58	49.9	
ROCKVILLE 1 NE	MAX	86	66	62	68	81	82	73	74	76	82	86	81	86	86	64	62	61	64	72	83	80	72	62	66	79	83	85	80	64	72	76	74.6	
	MIN	55	45	42	36	48	57	50	46	46	56	64	64	60	61	57	56	55	49	43	46	62	57	52	50	52	58	57	59	53	45	59	52.9	
TOWSON	MAX MIN																																	M
UNIONVILLE	MAX OBS	85	84	62	80	81	80	78	74	77	81	88	88	84	84	75	65	65	65	72	83	81	85	69	74	81	83	84	79	68	72	76	77.5	
	MIN OBS	42	48	44	28	36	49	56	37	38	41	44	45	52	51	54	56	39	40	40	41	57	53	54	50	49	51	51	68	54	44	56	47.4	
WESTMINSTER POLICE BRK	MAX	82	80	64	67	78	80	83	72	76	83	86	86	85	82	83	62	63	64	70	84	84	81	73	73	77	83	85	86	80	78	75	77.6	
	MIN	59	50	43	40	49	62	55	47	44	53	62	63	59	61	50	52	55	51	45	49	63	53	52	50	53	60	63	64	53	47	57	53.7	
WOODSTOCK	MAX	88	83	63	72	80	81	77	76	78	85	87	83	87	86	85	64	62	67	74	84	83	80	73	72	81	86	87	83	67	73	75	78.1	
	MIN	48	52	45	33	43	55	58	46	44	50	58	63	58	58	55	54	55	53	44	45	62	57	53	52	49	54	55	63	57	47	59	52.4	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

# DAILY TEMPERATURES (°F)

MARYLAND AND  
DELAWARE  
MAY 1985

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				
APPALACHIAN MOUNTAIN 07																																				
CUMBERLAND 2		MAX	85	72	69	73	78	79	78	75	80	83	85	82	89	88	84	77	63	62	76	85	83	74	70	76	82	85	85	85	70	71	81	78.2		
		MIN	52	45	35	39	45	54	41	43	47	54	62	62	55	58	60	56	49	44	45	46	51	51	49	49	50	52	54	56	53	57	62	50.8		
FROSTBURG 2		MAX	80	76	53	61	67	72	73	56	67	76	77	79	79	82	82	63	73	58	54	68	79	78	68	53	68	74	78	79	65	68	66	70.1		
		MIN	41	44	40	35	35	37	47	43	38	39	50	51	57	55	46	55	51	42	36	37	44	45	41	46	45	53	52	50	49	49	48	45.2		
HAGERSTOWN		MAX	84	70	66	70	81	80	76	75	78	83	85	84	86	88	86	68	69	65	75	84	83	74	71	74	81	85	87	84	80	72	80	78.2		
		MIN	55	47	45	37	37	62	55	44	41	55	61	64	60	57	57	57	55	48	43	50	62	55	54	50	52	55	59	65	55	53	60	53.2		
HANCOCK FRUIT LAB		MAX	84	79	72	71	79	79	78	74	78	82	84	83	87	87	85	71	70	64	74	84	84	81	71	74	80	84	86	86	67	69	78	78.2		
		MIN	41	43	46	30	36	53	50	38	36	43	52	59	61	49	51	59	52	48	39	40	54	47	47	50	48	47	51	60	51	49	61	48.1		
ALLEGHENY PLATEAU 08																																				
MC HENRY 2 NW		MAX	81	71	62	60	67	72	73	55	63	80	78	79	80	80	82	68	72	53	50	67	78	76	70	53	61	73	76	76	61	67	72	69.5		
		MIN	44	50	39	35	38	49	44	40	40	45	54	57	56	56	59	53	49	37	37	42	53	42	44	45	46	48	53	54	48	48	53	47.0		
OAKLAND 1 SE		MAX	78	67	59	68	71	68	71	72	66	75	77	78	80	83	81	70	69	56	66	77	76	73	63	65	71	76	76	75	66	71	75	71.6		
		MIN	40	45	41	27	33	46	41	46	33	45	41	55	51	46	57	54	51	40	45	36	48	43	49	48	43	43	46	58	51	51	57	45.5		
SAVAGE RIVER DAM		MAX	84	82	55	65	70	75	75	59	71	75	78	80	79	82	86	66	76	62	74	70	81	81	70	56	70	71	78	80	68	66	69	72.7		
		MIN	40	49	42	30	32	41	49	38	38	42	48	54	53	51	54	51	53	45	42	41	43	46	49	47	48	48	49	52	53	52	50	46.1		
DELAWARE																																				
NORTHERN 01																																				
MIDDLETOWN 1 WSW		MAX	84	80	56	66	78	87	75	71	76	81	88	79	85	83	83	75	69	66	68	82	81	81	74	70	79	84	85	85	72	72	76	77.1		
		MIN	53	54	44	38	46	56	52	46	44	55	60	61	60	65	51	52	56	58	50	49	65	57	62	51	52	56	59	64	57	46	58	54.1		
NEWARK UNIVERSITY FARM		MAX	85	78	67	68	79	78	70	69	75	81	87	84	84	84	82	76	67	66	71	83	81	78	70	72	81	86	86	84	71	73	76	77.2		
		MIN	49	49	44	35	48	58	59	45	40	51	58	62	62	59	51	53	58	53	45	48	66	58	56	54	53	56	59	66	57	47	59	53.5		
WILMINGTON WSO AP		RMAX	87	67	60	70	80	80	70	70	73	82	87	82	86	86	69	75	66	70	72	86	83	75	65	74	84	87	88	84	70	72	78	76.7		
		MIN	55	48	44	37	51	59	52	47	46	55	64	65	65	58	52	55	60	52	48	54	65	60	55	54	54	58	62	62	56	50	62	55.0		
WILMGTON PORTER RESVR		MAX	84	64	55	64	71	70	67	67	71	79	85	82	86	82	65	75	65	67	69	82	79	71	65	74	81	86	86	82	68	70	75	73.8		
		MIN	54	48	44	43	54	61	53	45	44	55	64	65	63	55	50	51	52	52	47	55	63	58	54	54	56	59	63	61	57	50	50	54.2		
SOUTHERN 02																																				
BRIDGEVILLE 1 NW		MAX	85	80	55	68	75	85	80	75	77	81	86	84	87	87	83	77	70	68	71	82	82	80	72	62	78	85	86	84	79	73	79	77.9		
		MIN	56	53	46	37	47	55	62	45	43	49	60	66	62	63	55	48	57	54	49	54	65	59	53	54	52	55	61	66	58	45	56	54.4		
DOVER		MAX	87	86	58	67	78	83	83	72	76	79	86	85	86	86	83	72	69	69	70	81	83	80	76	68	80	87	86	87	84	70	78	78.5		
		MIN	57	56	46	38	52	60	62	49	44	55	63	68	62	67	55	55	59	53	50	55	67	60	55	55	58	58	61	67	58	49	58	56.5		
GEORGETOWN 5 SW		MAX	83	84	61	55	67	77	84	72	73	77	81	86	81	87	88	68	79	66	67	72	83	84	75	60	63	77	85	86	83	62	72	75.4		
		MIN	48	57	47	34	44	50	63	47	42	49	60	66	63	62	58	48	58	55	49	56	63	60	55	55	52	53	60	63	59	45	55	54.1		
LEWES		MAX	89	87	54	67	80	88	87	86	75	82	89	81	89	88	84	76	68	68	74	86	86	73	73	63	74	86	89	86	84	70	80	79.4		
		MIN	55	52	48	41	47	58	57	52	45	53	63	67	65	67	55	54	58	53	51	57	66	63	55	55	54	55	62	68	57	47	47	55.7		
MILFORD 4 SE		MAX	86	84	54	68	77	84	82	71	77	81	88	88	87	86	83	68	68	70	82	83	78	68	62	78	86	87	83	79	79	77	78.3			
		MIN	56	54	46	40	40	55	64	48	42	50	60	60	63	65	55	51	57	54	50	53	63	61	55	55	52	54	60	65	57	45	55	54.4		
		OBS																																		
		OBS																																		

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# EVAPORATION AND WIND

MARYLAND AND  
DELAWARE  
MAY 1985

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	24	57	77	64	29	40	71	13	53	47	28	33	40	21	40	31	23	86	19	50	52	47	32	40	19	42	40	24	50	20	52
		EVAP	25	30	15	23	10	26	28	29	24	27	23	28	23	20	31	7	5	-	4	13	28	31	13	1	9	26	29	27	17	6	21
		MAX	85	89	68	66	80	82	86	75	83	86	90	95	88	96	93	67	67	65	74	80	89	89	91	62	70	85	90	93	88	67	83
		MIN	51	56	48	45	49	49	49	49	51	55	69	61	65	66	61	59	59	57	49	52	59	64	60	56	56	58	63	65	61	55	57
UPPER MARLBORO 3 NNW		WIND	6	21	21	51	1	7	5	15	5	5	4	3	4	0	2	0	1	1	18	2	11	2	4	1	0	4	0	2	2	1	2
		EVAP	34	30	9	10	20	24	26	26	23	27	22	28	26	24	30	9	1	4	25	20	29	21	21	62	4	23	25	25	20	63	20
		MAX	85	86	65	65	78	81	87	79	83	85	88	90	87	94	92	70	65	65	78	81	87	86	86	66	63	83	91	92	86	65	85
		MIN	58	57	50	48	48	55	62	53	53	57	59	66	68	68	65	62	62	60	54	53	60	57	66	58	57	60	62	65	65	56	57
ALLEGHENY PLATEAU	08																																
SAVAGE RIVER DAM		WIND	24	39	59	44	15	33	34	*	64	29	13	12	11	21	17	41	18	46	40	24	19	33	16	61	23	29	21	17	4	22	31
		EVAP	32	37	-	32	8	18	11	26	19	32	2	6	12	12	33	8	18	7	21	3	36	19	12	-	11	36	18	12	-	23	37
		MAX	82	82	56	68	77	76	72	64	80	81	78	79	79	85	90	67	83	61	62	81	85	83	77	55	77	84	87	86	66	73	75
		MIN	48	49	44	40	40	47	49	45	45	48	53	59	60	52	59	58	58	48	47	46	42	55	55	50	50	54	55	57	58	57	57
DELAWARE																																	
NORTHERN	01																																
NEWARK UNIVERSITY FARM		WIND	-	10	*	8	26	16	50	37	27	22	13	21	20	21	84	21	22	65	53	20	22	28	28	37	20	19	21	17	48	21	25
		EVAP	-	21	75	21	28	7	*	50	22	22	20	20	21	27	27	8	8	21	26	20	18	21	-	13	20	18	29	18	10	17	16
		MAX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		MIN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SOUTHERN	02																																
GEORGETOWN 5 SW		WIND	85	128	100	93	54	*	126	95	67	78	96	105	86	73	80	48	42	71	121	115	52	87	57	82	78	58	40	23	90	64	68
		EVAP	31	44	18	2	27	32	34	30	30	29	15	31	17	31	40	19	16	11	29	28	38	26	21	8	28	25	29	41	24	8	24
		MAX	86	84	65	55	78	80	88	82	81	82	83	91	86	92	92	81	82	69	78	79	87	91	88	64	81	85	93	90	91	66	84
		MIN	49	53	52	42	44	50	59	52	53	54	57	61	67	68	62	57	59	58	53	51	61	68	61	58	56	56	65	64	64	52	55

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 1985

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	0011506		HARFORD	39 28	76 10W	57	16	16		C	H	ROSS AVIATION INC
ANNAPOLIS POLICE BRKS	0193004		ANNE ARUNDEL	38 59	76 30W	25	17	17			H	ANNAPOLIS POLICE BRKS
ASSATEAGUE STATE PARK	0335001		WORCESTER	38 14	75 8W	7	17	17			H	ASSATEAGUE STATE PARK
BALTIMORE NSO AP	0465004		ANNE ARUNDEL	39 11	76 40W	196	M	M	M		C	NATL WEATHER SERVICE
BALTIMORE NSO CI #	0470006	R	BALTO CITY	39 17	76 37W	91	M	M	M		C	OCMI COMMANDING OFFICER
BELTSVILLE	0700004		PRN GEORGES	39 2	76 53W	120		8	8			U S DEPT OF AGRICULTURE
BENSON POLICE BARRACKS	0732006		HARFORD	39 30	76 23W	365	17	17				MARYLAND STATE POLICE
BOYDS 2 NW	1032006		MONTGOMERY	39 13	77 20W	580	18	18				HUNTER F STALEY
BRIGHTON DAM	1125006		MONTGOMERY	39 12	77 1W	330		M	M			WASH SUB SANY COMM
CAMBRIDGE WTR TRMT PL	1385002		DORCHESTER	38 34	76 4W	5	16	16			H	WASTEWATER TRMT PLANT
CATOCTIN MOUNTAIN PARK	1530006		FREDERICK	39 39	77 29W	1610	17	17			C	CATOCTIN MOUNTAIN PARK
CENTREVILLE	1627005		QUEEN ANNES	39 3	76 4W	60	17	17			H	MICHAEL B CATE
CHESTERTOWN	1750005		KENT	39 13	76 4W	40	23	23			H	THOMAS W ELIASON JR
CLARKSVILLE 3 NNE	1862006		HOWARD	39 15	76 56W	365	17	17				UNIVERSITY OF MARYLAND
COLLEGE PARK	1995004		PRN GEORGES	38 59	76 57W	90	9	9			C	UNIVERSITY OF MARYLAND
CONOWINGO DAM	2060006		HARFORD	39 39	76 10W	40	M	M	M			SUSQUEHANNA ELECTRIC CO
CUMBERLAND 2	2282007		ALLEGANY	39 38	78 45W	730	18	7			H	TIMOTHY B THOMAS
DALECARLIA RESVR D C	2325004			38 56	77 7W	146	17	17				U S CORPS OF ENGINEERS
DAMASCUS 2 SW	2335006		MONTGOMERY	39 16	77 14W	720	19	19			H	RICHARD W SCHWERDT
DENTON 2 E	2523002		CAROLINE	38 53	75 48W	50	17	17			H	ARTHUR REINHOLD
EDGEMONT	2770007		WASHINGTON	39 40	77 33W	905	17	17				JOHN W HARNE
EMMITTSBURG 2 SE	2906006		FREDERICK	39 41	77 18W	416	17	17			H	MRS LUCILLE K BEALE
FREDRICK POLICE BRKS	3348006		FREDERICK	39 25	77 26W	380	17	17			H	MARYLAND STATE POLICE
FREDERICK 3 E	3355006		FREDERICK	39 24	77 22W	385	17	7				MISS I MARY STALEY
FROSTBURG 2	3415007		ALLEGANY	39 40	78 56W	2170	7	7			H	LEE K CLOSE
GLENN DALE BELL STN	3675004		PRN GEORGES	38 58	76 48W	150	16	16			H	USDA PLT INTRODUCT STN
HAGERSTOWN	3975007		WASHINGTON	39 39	77 44W	660	18	18				HAGERSTOWN RESERVOIR
HANCOCK FRUIT LAB	4030007		WASHINGTON	39 42	78 11W	428	16	16			C	SHARPSBURG RESEARCH C
LA PLATA 1 W	5080003		CHARLES	38 32	77 0W	140	18	18			H	C RUSSELL LEVERING
LAUREL 3 W	5111004		PRN GEORGES	39 6	76 54W	400	M	M	M			WASH SUB SANY COMM
MC HENRY 2 NW	5832008		GARRETT	39 35	79 22W	2680	8	8			C	JOSEPH F JOHENNING
MECHANICSVILLE 5 NE	5865003		ST MARYS	38 26	76 43W	100	19	19				SANDRA J HASTING
MERRILL	5894008		GARRETT	39 36	79 5W	1790		9				DELWOOD E MERRILL
MILLINGTON 1 SE	5985005		KENT	39 16	75 52W	30	18	18			H	HOWARD L HARVEY
NATIONAL ARBORETUM D C	6350004			38 54	76 59W	50	8	8			H	U S NATL ARBORETUM
OAKLAND 1 SE	6620008		GARRETT	39 24	79 24W	2420	17	17			H	BEA J CROSCO
OWINGS FERRY LANDING	6770003		CALVERT	38 41	76 40W	160	17	17			H	JAMES C RASMUSSEN
PARKTON 2 SW	6844006	//	BALTIMORE	39 38	76 42W	600	23	23			C	JOHN R FOX
PATUXENT RIVER	6915003		ST MARY'S	38 20	76 25W	38	M	M	M			NAVAL WEATHER SERVICE
POTOMAC FILTER PLANT	7272006		MONTGOMERY	39 2	77 15W	270		8				POTOMAC WATER FILT PLT
PRINCESS ANNE	7330001		SOMERSET	38 13	75 41W	20	17	17			H	UNIVERSITY MARYLAND EAST
ROCKVILLE 1 NE	7705006		MONTGOMERY	39 6	77 6W	440	17	17			H	WASH GAS & LIGHT CO
ROYAL OAK 2 SSW	7806002		TALBOT	38 43	76 11W	10	18	18			H	JOHN L SWAINE JR
SALISBURY	8000001		WICOMICO	38 22	75 35W	10	17	17				CITY OF SALISBURY
SALISBURY FAA AP #	8005001		WICOMICO	38 20	75 31W	48	M	M	M			FAA
SAVAGE RIVER DAM	8065008		GARRETT	39 31	79 8W	1495	8	8			8	U S CORPS OF ENGINEERS
SNOW HILL 4 N	8380001		WORCESTER	38 14	75 23W	28	18	18			H	CURTIS E SHOCKLEY
TOWSON	8877006		BALTIMORE	39 23	76 34W	390	18	18				BENDIX FRIEZ
UNIONVILLE	9030006		FREDERICK	39 27	77 11W	430	18	18			C	CAROLINE R VON EIFF
UPPER MARLBORO 3 NNW	9070004		PRN GEORGES	38 52	76 47W	98	8	8			8	TOBACCO EXP FARM
VIENNA	9140002		DORCHESTER	38 29	75 50W	12	18	18			H	DELMARVA POWER & LIGHT
WESTMINSTER POLICE BRK	9440006		CARROLL	39 33	76 58W	765	17	17				MARYLAND STATE POLICE
WOODSTOCK	9750006		BALTIMORE	39 20	76 52W	460	18	18			H	JOHN A HILTZ

SEE REFERENCE NOTES FOLLOWING STATION INDEX

# STATION INDEX

MARYLAND AND  
DELAWARE  
MAY 1985

STATION	INDEX NO.	DIVISION	COUNTY	LATITUDE	LONGITUDE	ELEVATION (IN FEET)	OBSERVATION TIME AND TABLES				OBSERVER	
							LOCAL		STD TIME			
							TEMP	PRECIP	EVAP	SPECIAL (SEE NOTES)		
DELAWARE												
BRIDGEVILLE 1 NW	13330	02	SUSSEX	38 45	75 37W	50	17	17			H	WILLIAM M RAY
DOVER	27300	02	KENT	39 9	75 31W	30	17	17			H	STATE DIV OF HIGHWAYS
GEORGETOWN 5 SW	35700	02	SUSSEX	38 38	75 27W	45	8	8		8 C	H	UNIV OF DEL SUBSTATION
LEWES	53200	02	SUSSEX	38 46	75 8W	15	17	17			H	BOARD OF PUBLIC WORKS
MIDDLETOWN 1 WSW	58520	01	NEW CASTLE	39 26	75 45W	60	16	16			H	PIONEER HIBRED CORN CO
MILFORD 4 SE	59150	02	SUSSEX	38 54	75 28W	30	17	17			H	DAVID S SCHLOTT
NEWARK UNIVERSITY FARM	64100	01	NEW CASTLE	39 40	75 44W	90	17	17		17 C	H	UNIV OF DELAWARE
WILMINGTON WSO AP	95950	01	NEW CASTLE	39 40	75 36W	79	MID	MID			H J	NATL WEATHER SERVICE
WILMINGTON PORTER RESVR	96050	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 1985

## DEFINITIONS

**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.

**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.

**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.

**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.

**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.

**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).

**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.

## 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

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 will be carried in the July issue of this bulletin. Cooling degree days for the calendar year will be 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 information for regular National Weather Service Offices may be obtained from the "Local Climatological Data" annual publication.

SUBSCRIPTION, PRICE AND ORDERING INFORMATION AVAILABLE FROM:  
THE NATIONAL CLIMATIC DATA CENTER, FEDERAL BUILDING,  
ASHEVILLE, N.C. 28801-2696

USCOMH-NOAA-ASHEVILLE, N.C. MAY 1985-0895

NOTE: Special Weather Summaries are provided by State Climatologist or other qualified agencies for inclusion in the published Climatological Data bulletin. These summaries are not included in the archived microfiche copies of the CD bulletin.

M A R Y L A N D & D E L A W A R E - M A Y 1 9 8 5

SPECIAL WEATHER SUMMARY

W. Joseph Moyer  
1123A, Jull Hall  
University of Maryland  
College Park, MD 20742

The month was warm and wet. Thunderstorms on the 28th brought scattered wind and hail damage to central and southern Maryland.

Monthly temperatures averaged 65.4° (normal, 62.9°) for Maryland and 65.9° (normal, 63.1°) for Delaware. This was the warmest May for Maryland since 1982 and for Delaware since 1965. High temperatures were mostly in the mid to upper 80's, while lows on the 4th were mostly in the mid 30's to low 40's. Temperatures were generally 5 or more degrees lower in the Garrett County area. Highest temperature recorded was 90° at Salisbury, while the lowest was 27° at Oakland.

Monthly precipitation averaged 5.19 inches (normal, 3.67 inches) for Maryland and 5.05 inches (normal, 3.39 inches) for Delaware. This was the third consecutive wet May for both states. Heaviest precipitation totals were reported in northern and western Maryland and in southern Delaware. For a few stations such as Salisbury Waterplant and Dover this was the first wet month since July 1984. The greatest total reported was 8.02 inches at the University of Maryland's Fruit Research Farm in Sharpsburg, Washington County. Delaware's greatest monthly total was 6.12 inches at Dover. The greatest one day precipitation was 3.20 inches, on the 13th, was also recorded at Sharpsburg.

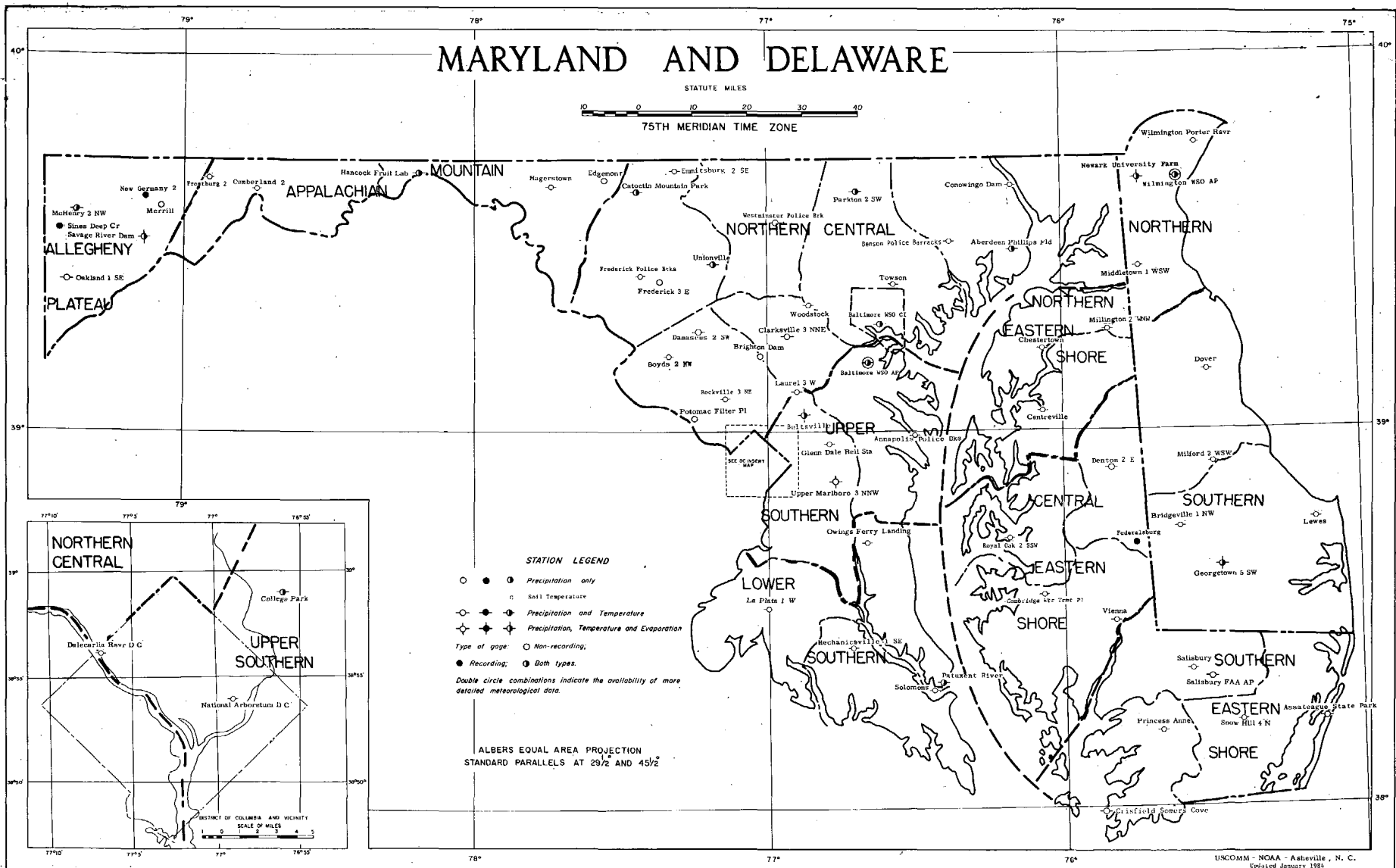


# MARYLAND AND DELAWARE

STATUTE MILES



75TH MERIDIAN TIME ZONE



### STATION LEGEND

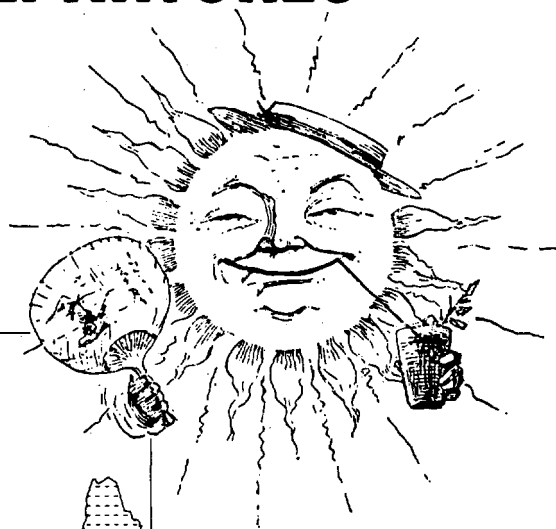
- ● ○ Precipitation only
- □ Soil Temperature
- ● ○ Precipitation and Temperature
- ● ○ Precipitation, Temperature and Evaporation
- Type of gage: ○ Non-recording, ● Recording, ○ Both types.

Double circle combinations indicate the availability of more detailed meteorological data.

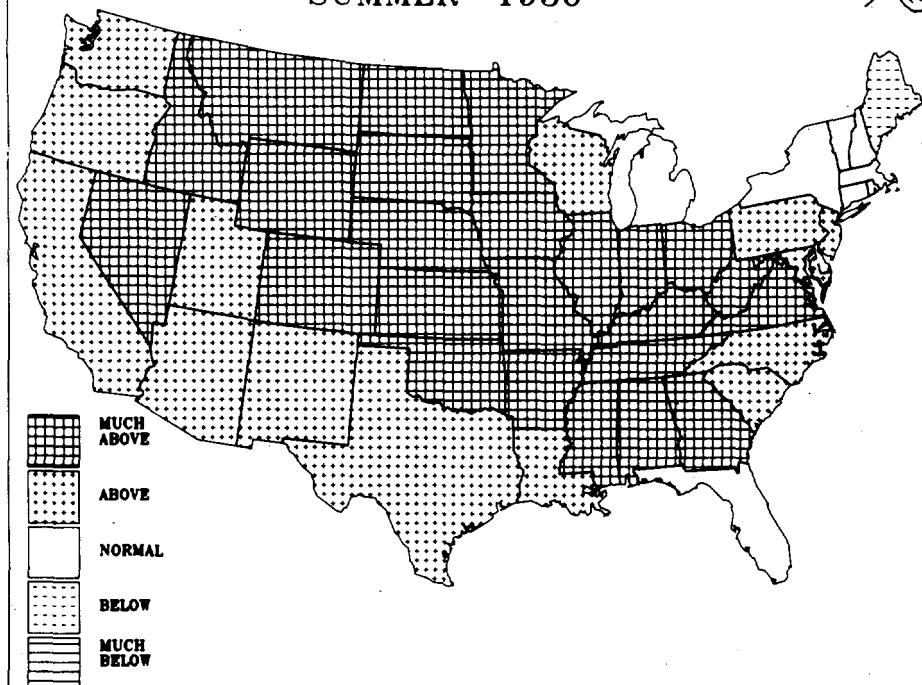
ALBERS EQUAL AREA PROJECTION  
STANDARD PARALLELS AT 29 1/2 AND 45 1/2

# LONG TERM TEMPERATURE DEPARTURES

**1895 - 1983  
4 VOLUME SET**



SUMMER 1936



**NATIONAL CLIMATIC DATA CENTER  
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The atlases are a result of a collaborative effort of Thomas R. Karl, Richard W. Knight, Walter James Koss, and Frank T. Quinlan. The data used in constructing these atlases are available in digital form and can be purchased from:

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