

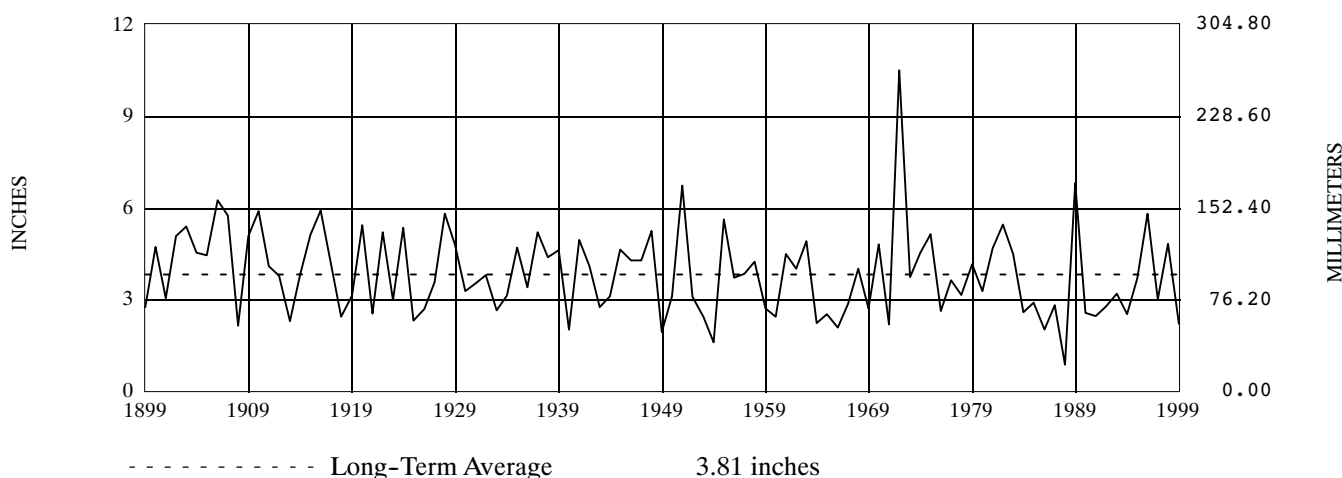
CLIMATOLOGICAL DATA

MARYLAND AND DELAWARE

JUNE 1999

VOLUME 103 NUMBER 06

ISSN 0145-0549



MARYLAND AND DELAWARE PRECIPITATION JUNE, 1899-1999

TEMPERATURE AND PRECIPITATION EXTREMES

MARYLAND

HIGHEST TEMPERATURE	101	JUNE 10	NATIONAL ARBORETUM DC
LOWEST TEMPERATURE	36	JUNE 18	OAKLAND 1 SE
GREATEST TOTAL PRECIPITATION	4.02		CONOWINGO DAM
LEAST TOTAL PRECIPITATION	1.02		SAVAGE RIVER DAM
GREATEST 1 DAY PRECIPITATION	1.48	JUNE 15	NATIONAL ARBORETUM DC

"I certify that this is an official publication of the National Oceanic and Atmospheric Administration (NOAA). It is compiled using information from weather observing sites supervised by NOAA/National Weather Service and received at the National Climatic Data Center (NCDC), Asheville, North Carolina 28801."

DIRECTOR
NATIONAL CLIMATIC DATA CENTER

noaa

National
Oceanic and
Atmospheric Administration

National
Environmental Satellite, Data
and Information Service

National
Climatic Data Center
Asheville, North Carolina

TEMPERATURE AND PRECIPITATION EXTREMES

DELAWARE

HIGHEST TEMPERATURE	97	JUNE 8	LEWES
LOWEST TEMPERATURE	49	JUNE 6	GREENWOOD 2 NE
GREATEST TOTAL PRECIPITATION	2.59		GREENWOOD 2 NE
LEAST TOTAL PRECIPITATION	1.62		WILMINGTON WSO ARPT R
GREATEST 1 DAY PRECIPITATION	1.11	JUNE 30	LEWES

This page intentionally left blank.

MONTHLY STATION AND DIVISION SUMMARY

STATION	TEMPERATURE (°F)													
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	HEATING DEGREE DAYS	COOLING DEGREE DAYS	NO. OF DAYS			
											MAX		MIN	
											90 OR ABOVE	32 OR BELOW	32 OR BELOW	0 OR BELOW
MARYLAND														
SOUTHERN EASTERN SHORE 01														
ASSATEAGUE ISLAND	77.9	62.2	70.1		97	8	49	5	6	165	2	0	0	0
PRINCESS ANNE	M	M	M		97	9+	49	7+			6	0	0	0
SALISBURY	83.3	64.2	73.8	1.0	98	8	53	19	1	272	6	0	0	0
SALISBURY FAA ARPT	81.9	61.1	71.5	-.4	98	8	44	19	11	213	6	0	0	0
SNOW HILL 4 N	83.2	61.2	72.2	.3	99	8	46	5	7	231	7	0	0	0
--DIVISIONAL DATA----->			71.9	-.3										
CENTRAL EASTERN SHORE 02														
ROYAL OAK 2 SSW	85.0	63.7	74.4	.9	97	8	52	19	0	288	9	0	0	0
VIENNA	83.8	62.1	73.0	-.6	99	9+	49	20+	13	259	6	0	0	0
--DIVISIONAL DATA----->			73.7	.4										
LOWER SOUTHERN MECHANICSVILLE 5 NE 03														
MECHANICSVILLE 5 NE	81.6	61.5	71.6	-.3	95	9+	49	19	8	211	4	0	0	0
--DIVISIONAL DATA----->			71.6	-.9										
UPPER SOUTHERN ANNAPOLIS POLICE BRKS 04														
ANNAPOLIS POLICE BRKS	83.5	66.0	74.8	1.3	98	8	54	19	0	297	6	0	0	0
BALTIMORE WSO ARPT	81.9	61.1	71.5	-1.0	97	8	50	19+	9	210	5	0	0	0
BELTSVILLE	83.2	61.3	72.3	1.3	97	9+	50	19	14	240	8	0	0	0
DALECARLIA RESERVOIR	85.6	63.1	74.4	1.3	97	8+	52	19	2	291	10	0	0	0
GLENN DALE BELL STN	83.2	59.2	71.2	-.1	97	9+	47	19	14	207	8	0	0	0
LAUREL 3 W	84.1	63.1	73.6	1.3	99	7	54	18	6	271	8	0	0	0
NATIONAL ARBORETUM DC	86.2	63.7	75.0	2.3	101	10+	53	19	5	312	12	0	0	0
UPPER MARLBORO 3 NNW	82.7	60.6	71.7	.6	98	8	50	19	17	225	9	0	0	0
--DIVISIONAL DATA----->			73.1	.8										
NORTHERN EASTERN SHORE 05														
CHESTERTOWN	83.5	62.1	72.8	.3	98	7	53	19+	7	246	7	0	0	0
MILLINGTON 1 SE	83.0	61.1M	72.1M	1.0	95	8	49	6	2	220	4	0	0	0
--DIVISIONAL DATA----->			72.5	.3										
NORTHERN CENTRAL ABERDEEN PHILLIPS FIEL 06														
ABERDEEN PHILLIPS FIEL	83.9	63.6M	73.8M	1.8	96	8	54	22	1	276	6	0	0	0
BALTIMORE CITY	M	M	M											
CATOCTIN MOUNTAIN PARK	78.7	58.8	68.8		91	7	45	18	33	154	1	0	0	0
CLARKSVILLE 3 NNE	M	M	M											
CONOWINGO DAM	M	M	M		88	26+	53	21+			0	0	0	0
DAMASCUS 3 SSW	79.8	59.4	69.6		93	9	49	19	24	171	4	0	0	0
EMMITSBURG 2 SE	83.3	58.0	70.7	.9	93	8+	45	19	12	187	7	0	0	0
FREDERICK POLICE BRKS	84.3	62.5	73.4		96	9+	52	19	4	262	7	0	0	0
MILLERS 4 NE	81.1	59.2	70.2		92	7	48	19	13	174	2	0	0	0
ROCKVILLE 1 NE	83.1	62.5	72.8	2.4	96	7	52	19	11	252	8	0	0	0
WOODSTOCK	84.9	59.2	72.1	1.2	98	7	47	19+	6	226	8	0	0	0
--DIVISIONAL DATA----->			71.4	.4										
APPALACHIAN MOUNTAIN 07														
CUMBERLAND 2	83.9	58.1	71.0	.0	96	9	46	18+	17	205	9	0	0	0
CUMBERLAND POLICE BRK	81.5	56.7	69.1		93	9	42	18	30	162	6	0	0	0
FROSTBURG 2	77.1	54.9	66.0		89	27	44	18	65	104	0	0	0	0
HAGERSTOWN POLICE BRK	84.1	59.1M	71.6M		94	9+	48	20+	6	205	9	0	0	0
SHARPSBURG 5 S	83.2	56.8	70.0		96	10	45	19+	26	184	6	0	0	0
--DIVISIONAL DATA----->			69.5	.3										
ALLEGHENY PLATEAU 08														
OAKLAND 1 SE	76.8	53.0	64.9	1.1	87	9	36	18	79	82	0	0	0	0
SAVAGE RIVER DAM	79.1	55.2	67.2	1.9	96	10	42	18	55	127	5	0	0	0
--DIVISIONAL DATA----->			66.1	1.9										
DELAWARE														
NORTHERN 01														
NEWARK UNIVERSITY FARM	84.7	61.5	73.1	1.4	96	7	51	12	3	253	7	0	0	0
WILMINGTON WSO ARPT	80.8	62.3	71.6	.1	94	8+	53	22+	7	211	4	0	0	0
WILMINGTON PORTER RSVR	81.0	62.4	71.7	.9	94	8+	55	12+	8	217	5	0	0	0
--DIVISIONAL DATA----->			72.1	.6										
SOUTHERN 02														
DOVER	81.8	62.6	72.2	-.6	95	9+	54	23	8	229	6	0	0	0
GREENWOOD 2 NE	80.9	60.6	70.8		95	9+	49	6	18	199	5	0	0	0
LEWES	82.5	65.1	73.8	2.2	97	8	54	19+	2	272	6	0	0	0
--DIVISIONAL DATA----->			72.3	.2										

MONTHLY STATION AND DIVISION SUMMARY

STATION		PRECIPITATION (IN)											
		TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	SLEET, SNOW			NO. OF DAYS				
						TOTAL	MAX. DEPTH ON GROUND	DATE	.10 OR MORE	.50 OR MORE	1.00 OR MORE		
MARYLAND													
SOUTHERN EASTERN SHORE 01													
ASSATEAGUE ISLAND		1.42		.48	20	.0	0		5	0		0	0
PRINCESS ANNE		1.61	-1.57			.0	0		1	0		0	0
SALISBURY		2.15	-1.50	.66	21	.0	0		5	2		0	0
SALISBURY FAA ARPT		1.88	-1.75	.81	20	.0	0		6	1		0	0
SNOW HILL 4 N		1.35	-2.08	.60	21	.0	0		4	1		0	0
--DIVISIONAL DATA----->		1.68	-1.71			.0							
CENTRAL EASTERN SHORE 02													
ROYAL OAK 2 SSW		2.33	-1.28	.71	20	.0	0		6	1		0	0
VIENNA		1.56	-2.24	.66	20	.0	0		4	1		0	0
--DIVISIONAL DATA----->		1.95	-1.70			.0							
LOWER SOUTHERN 03													
MECHANICSVILLE 5 NE		2.23	-1.83	.85	20	.0	0		7	1		0	0
--DIVISIONAL DATA----->		2.23	-1.49			.0							
UPPER SOUTHERN 04													
ANNAPOLIS POLICE BRKS		3.42	.07	1.03	20	.0	0		7	3		1	0
BALTIMORE WSO ARPT R		2.04	-1.63	.83	20	.0	0		5	1		0	0
BELTSVILLE		2.14	-1.36	.62	21	.0	0		5	1		0	0
DALECARLIA RESERVOIR		2.54	-1.07	.83	20	.0	0		5	3		0	0
GLENN DALE BELL STN		2.50	-1.36	.86	20	.0	0		5	2		0	0
LAUREL 3 W		1.98	-1.73	1.00	20	.0	0		3	1		1	0
NATIONAL ARBORETUM DC		2.87	-.93	1.48	15	.0	0		6	2		1	0
UPPER MARLBORO 3 NNW		2.95	-.91	.88	15	.0	0		6	2		0	0
--DIVISIONAL DATA----->		2.56	-1.14			.0							
NORTHERN EASTERN SHORE 05													
CHESTERTOWN		3.41	-.94	1.10	20	.0	0		7	2		1	0
MILLINGTON 1 SE		2.44	-1.58			.0	0		4	0		0	0
--DIVISIONAL DATA----->		2.93	-1.06			.0							
NORTHERN CENTRAL 06													
ABERDEEN PHILLIPS FIEL		M 2.78		.98	18	.0	0		3	1		0	0
BALTIMORE CITY R						M	M						
CATOCTIN MOUNTAIN PARK		3.29		1.16	3	.0	0		7	1		1	0
CLARKSVILLE 3 NNE						M	M						
CONOWINGO DAM		4.02	-.28			.0	0		3	1		0	0
DAMASCUS 3 SSW		2.00		.98	14	.0	0		4	1		0	0
EMMITSBURG 2 SE		2.05	-1.96	.55	14	.0	0		5	2		0	0
FREDERICK POLICE BRKS		1.29		.41	14	.0	0		5	0		0	0
MILLERS 4 NE		2.56		.83	3	.0	0		6	1		0	0
ROCKVILLE 1 NE		1.29	-2.47	.81	20	.0	0		2	1		0	0
WOODSTOCK		1.97	-1.90	.67	20	.0	0		5	2		0	0
--DIVISIONAL DATA----->		2.31	-1.67			.0							
APPALACHIAN MOUNTAIN 07													
CUMBERLAND 2		2.21	-1.13	1.22	3	.0	0		4	1		1	0
CUMBERLAND POLICE BRK		2.56		1.08	3	.0	0		4	2		1	0
FROSTBURG 2		1.54		.70	3	.0	0		4	1		0	0
HAGERSTOWN POLICE BRK		1.34				M	0		2	0		0	0
SHARPSBURG 5 S		2.61		1.04	15	.0	0		5	2		1	0
--DIVISIONAL DATA----->		2.05	-1.40			.0							
ALLEGHENY PLATEAU 08													
OAKLAND 1 SE		1.29	-3.09	.56	17	.0	0		4	1		0	0
SAVAGE RIVER DAM		1.02	-2.33	.33	17	.0	0		5	0		0	0
--DIVISIONAL DATA----->		1.16	-2.92			.0							
DELAWARE													
NORTHERN 01													
NEWARK UNIVERSITY FARM		1.77	-2.08	.45	20	.0	0		6	0		0	0
WILMINGTON WSO ARPT R		1.62	-1.93	.59	13	M	M		5	2		0	0
WILMINGTON PORTER RSVR		1.90	-2.16	.60	13	.0	0		5	2		0	0
--DIVISIONAL DATA----->		1.76	-2.00			.0							
SOUTHERN 02													
DOVER		2.48	-1.37	.95	21	.0	0		4	3		0	0
GREENWOOD 2 NE		2.59		1.00	21	.0	0		7	2		1	0
LEWES		2.55	-.83	1.11	30	.0	0		4	3		1	0
--DIVISIONAL DATA----->		2.54	-.95			.0							

DAILY PRECIPITATION (INCHES)

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 ISLAND		1.42													.12		.34
PRINCESS ANNE		1.61												*	*	.73	.13
SALISBURY		2.15													.02	.65	.10
SALISBURY FAA ARPT		1.88										T	T	.02	.41	T	.11
SNOW HILL 4 N		1.35													T	.13	.08
CENTRAL EASTERN SHORE	02																
ROYAL OAK 2 SSW		2.33										T		T	.48		.41
VIENNA		1.56														.16	.02
LOWER SOUTHERN	03																
MECHANICSVILLE 5 NE		2.23											T	T	.16	T	
UPPER SOUTHERN	04																
ANNAPOLIS POLICE BRKS		3.42										.02			.10	.03	.70
BALTIMORE WSO ARPT	R	2.04										.04		T	.15	.25	T
BELTSVILLE		2.14											T		T	.06	.47
DALECARLIA RESERVOIR		2.54													.08	.69	.18
GLENN DALE BELL STN		2.50													.14		.57
LAUREL 3 W		1.98													.07	.45	
NATIONAL ARBORETUM DC		2.87														.16	1.48
UPPER MARLBORO 3 NNW		2.95														.25	.88
NORTHERN EASTERN SHORE	05																
CHESTERTOWN		3.41										.05			.81	.34	.01
MILLINGTON 1 SE		2.44										T		T	.31	.09	.25
NORTHERN CENTRAL	06																
ABERDEEN PHILLIPS FIEL	R	M 2.78	-	-	-	-	-	-	-	-	-	.04	T	*	*	.24	.44
BALTIMORE CITY		M										-	-	-	-	-	-
CATOCTIN MOUNTAIN PARK		3.29		.37	1.16							T	.02		.10	.48	
CLARKSVILLE 3 NNE		M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CONOWINGO DAM		4.02	*	*	.43			*	*	*	*	*	.05			*	.40
DAMASCUS 3 SSW		2.00										T			.06	.98	
EMMITSBURG 2 SE		2.05		.30	.50								.05		.08	.55	
FREDERICK POLICE BRKS		1.29			.01										.28	.41	
MILLERS 4 NE		2.56		.06	.83							.08	T		.37	.37	T
POTOMAC FILTER PLANT		1.43														.08	
ROCKVILLE 1 NE		1.29										T			.09	.29	
WOODSTOCK		1.97										.03			.32	.62	
APPALACHIAN MOUNTAIN	07																
CUMBERLAND 2		2.21			1.22												.07
CUMBERLAND POLICE BRK		2.56		.37	1.08											.05	
FROSTBURG 2		1.54		.03	.70												.06
HAGERSTOWN POLICE BRK		1.34			.10										.05	.06	
SHARPSBURG 5 S		2.61			.32								T		T	.06	1.04
ALLEGHENY PLATEAU	08																
OAKLAND 1 SE		1.29		.10	.02											.04	.09
SAVAGE RIVER DAM		1.02			.23												.03
DELAWARE																	
NORTHERN	01																
NEWARK UNIVERSITY FARM	R	1.77			T							.01			.38	.23	.19
WILMINGTON WSO ARPT		1.62										T		T	.59	.26	
WILMINGTON PORTER RSVR		1.90										.02		.02	.60	.33	
SOUTHERN	02																
DOVER		2.48												T	T	.18	.53
GREENWOOD 2 NE		2.59													.12	.30	.56
LEWES		2.55														.01	.10

DAILY PRECIPITATION (INCHES)

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	.25	.19		.02	.48										.02	
PRINCESS ANNE				*	*	.53								*	.22	
SALISBURY	.01	.03	.01		.29	.66	.02			T					.36	
SALISBURY FAA ARPT	.02	T	T		.81	.10								.26	.15	
SNOW HILL 4 N	.14	.03			.30	.60	.02								.05	
CENTRAL EASTERN SHORE 02																
ROYAL OAK 2 SSW		.07	.33		.71	.17				T				.06	.10	
VIENNA			.02		.66	.45									.25	
LOWER SOUTHERN 03																
MECHANICSVILLE 5 NE		.12	.24		.85	.15	.06						.41		.24	
UPPER SOUTHERN 04																
ANNAPOLIS POLICE BRKS		.11	.48		1.03	.40	.05							.50		
BALTIMORE WSO ARPT R	.04	.44			.83	.08							.01	.20	T	
BELTSVILLE		.05	.36		.14	.62									.44	
DALECARLIA RESERVOIR		.07		.04	.83	.10								.05	.50	
GLENN DALE BELL STN		.04	.36		.86									.04	.49	
LAUREL 3 W	.09	.25			1.00	.06							.02	.04		
NATIONAL ARBORETUM DC		.02	.14		.16	.52	.01								.38	
UPPER MARLBORO 3 NNW		.04	.30		.30	.62	.06							.09	.41	
NORTHERN EASTERN SHORE 05																
CHESTERTOWN	T	.32	.16		1.10	.14							T	.48	T	
MILLINGTON 1 SE		.10	.07		*	1.51									.11	
NORTHERN CENTRAL 06																
ABERDEEN PHILLIPS FIEL		.11	.98	*	*	.92	.04				-	-	-	-	.01	
BALTIMORE CITY R	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
CATOCTIN MOUNTAIN PARK		.38			.02	.28							.48		-	
CLARKSVILLE 3 NNE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
CONOWINGO DAM	*	1.75	.81	.01	.10	.47										
DAMASCUS 3 SSW	T	.33			.44	.06						T	.13			
EMMITSBURG 2 SE		.40			T	.10							.07			
FREDERICK POLICE BRKS		.27	.07			.15							.10	T		
MILLERS 4 NE		.40	.11		.03	.25						T	.04	.02	T	
POTOMAC FILTER PLANT	.01	.21			.76	.04							.33			
ROCKVILLE 1 NE	.01	.05			.81	.02							.02	T		
WOODSTOCK		.14	.07		.67	.12										
APPALACHIAN MOUNTAIN 07																
CUMBERLAND 2		.32	.29											.29	.02	
CUMBERLAND POLICE BRK		.41				.05							.55	.05		
FROSTBURG 2	T	.21	.13			.01	.01							.37	.02	
HAGERSTOWN POLICE BRK		.13			T	T					*	*	1.00			
SHARPSBURG 5 S		.13	.17			.09	.03							.77		
ALLEGHENY PLATEAU 08																
OAKLAND 1 SE		.56										.06	.17	.25		
SAVAGE RIVER DAM		.33	.15				T							.16	.12	
DELAWARE																
NORTHERN 01																
NEWARK UNIVERSITY FARM		.08	.12		.45	.27	.04							T	T	
WILMINGTON WSO ARPT R	.01	.12	.03		.50	.11							T	T	T	
WILMINGTON PORTER RSVR		.15	T		.59	.16							.02		.01	
SOUTHERN 02																
DOVER			.08		.65	.95	.03								.06	
GREENWOOD 2 NE		T	.06		.33	1.00	.10								.12	
LEWES	.04		.01		.78	.50	T								1.11	

DAILY TEMPERATURES (°F)

STATION	OB. TIME	MAX/MIN	DAY OF MONTH														
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MARYLAND																	
SOUTHERN EASTERN SHORE 01																	
ASSATEAGUE ISLAND	07	MAX	84	78	85	75	75	76	86	97	91	69	73	75	72	79	74
		MIN	62	62	63	52	49	57	64	74	66	66	62	63	65	66	63
PRINCESS ANNE	17	MAX	91		88	85			92	97	97	95	79			89	88
		MIN	49		64	62			49	69	65	65	54			56	58
SALISBURY	17	MAX	88	87	87	84	80	84	92	98	96	90	77	76	76	87	86
		MIN	65	68	73	63	54	54	64	74	72	65	58	58	67	68	70
SALISBURY FAA ARPT	MID	MAX	88	88	88	82	79	85	95	98	97	69	76	75	76	89	76
		MIN	64	66	69	55	48	51	60	74	68	56	56	57	62	67	66
SNOW HILL 4 N	17	MAX	90	88	89	84	78	83	95	99	97	88	75	76	77	88	83
		MIN	64	62	68	61	46	49	62	72	66	66	53	58	67	65	68
CENTRAL EASTERN SHORE 02																	
ROYAL OAK 2 SSW	18	MAX	88	90	87	80	82	85	95	97	96	92	83	80	80	90	84
		MIN	70	69	73	61	54	53	68	69	66	66	53	55	67	69	69
VIENNA	18	MAX	86	87	86	85	81	85	94	99	99	81	81	71	78	93	86
		MIN	67	58	74	61	53	54	68	73	72	70	63	53	64	53	69
LOWER SOUTHERN MECHANICSVILLE 5 NE 03																	
	19	MAX	87	87	84	76	78	84	94	95	95	88	76	73	77	88	83
		MIN	62	64	69	56	52	51	65	69	66	67	53	53	67	66	67
UPPER SOUTHERN ANNAPOLIS POLICE BRKS 04																	
	17	MAX	88	90	90	84	80	80	95	98	95	90	80	82	78	80	84
		MIN	66	70	72	62	60	62	66	74	90	65	60	57	66	62	70
		OBS							49								
BALTIMORE WSO ARPT	MID	MAX	87	89	83	78	80	86	96	97	96	71	79	77	81	88	84
		MIN	62	69	66	54	50	53	62	71	67	59	54	53	67	62	66
BELTSVILLE	08	MAX	89	89	90	83	78	83	87	97	97	96	72	80	76	82	90
		MIN	60	64	68	54	51	54	62	72	69	67	55	52	62	62	68
DALECARLIA RESERVOIR	17	MAX	86	91	86	83	83	88	97	97	96	96	82	81	82	90	85
		MIN	64	66	70	58	53	57	75	70	66	68	56	64	67	63	75
		OBS					73										
GLENN DALE BELL STN	16	MAX	88	89	83	78	83	88	97	96	97	93	81	75	80	90	84
		OBS										75					
		MIN	59	63	67	52	49	50	60	66	66	60	51	48	67	60	64
LAUREL 3 W	MID	MAX	87	90	84	83	85	89	99	97	97	82	82	75	82	90	86
		MIN	65	69	69	56	57	57	66	75	70	63	56	56	66	65	63
NATIONAL ARBORETUM DC	07	MAX	94	90	92	86	82	84	90	101	100	101	73	84	77	83	93
		MIN	62	68	71	61	55	55	64	75	75	68	56	55	66	64	68
UPPER MARLBORO 3 NNW	08	MAX	90	88	90	83	79	82	87	98	96	97	70	79	75	81	90
		MIN	62	66	69	58	52	53	56	68	69	67	54	51	56	62	64
NORTHERN EASTERN SHORE 05																	
CHESTERTOWN	23	MAX	89	90	82	80	83	86	98	97	95	70	82	80	76	89	85
		MIN	65	66	70	58	57	53	66	72	68	58	54	53	65	64	65
MILLINGTON 1 SE	18	MAX	86	87	85	79	79	83	94	95	93	89	79	77	76	85	83
		OBS							***								
		MIN	61	66	71	57	52	49		64	64	62	52	53	66	66	66
NORTHERN CENTRAL ABERDEEN PHILLIPS FIEL 06																	
	16	MAX	88	87	87	81	79	86	95	96	95	91	78	79	79	86	86
		OBS						***						***	***		
		MIN	62	68	69	57	62		65	76	64	63	56			65	66
BALTIMORE CITY	MID	MAX															
		MIN															
CATOCTIN MOUNTAIN PARK	17	MAX	81	82	74	72	77	83	91	89	89	84	77	75	72	78	76
		MIN	61	65	62	50	52	55	66	71	66	61	54	52	62	60	57
CLARKSVILLE 3 NNE	17	MAX															
		MIN															
CONOWINGO DAM	MID	MAX			82		82								86		
		OBS															
		MIN			62		53								53		
DAMASCUS 3 SSW	22	MAX	83	86	80	74	79	84	92	92	93	77	78	74	78	84	80
		MIN	61	66	65	51	52	55	63	68	66	62	53	51	64	59	60
EMMITSBURG 2 SE	17	MAX	86	84	88	77	79	85	93	93	92	90	78	78	82	83	81
		MIN	56	64	60	51	46	57	60	72	60	62	55	48	65	65	55
FREDERICK POLICE BRKS	17	MAX	88	87	87	80	79	85	95	96	96	95	78	81	78	84	85
		MIN	63	68	68	58	53	57	67	75	73	67	58	54	66	64	66
MILLERS 4 NE	18	MAX	84	85	80	73	78	83	92	91	88	87	79	78	78	82	78
		MIN	62	65	63	55	49	52	62	71	64	62	53	50	65	61	60
ROCKVILLE 1 NE	MID	MAX	88	92	82	77	82	88	96	94	94	76	82	76	81	92	83
		MIN	67	70	66	58	53	57	66	74	70	63	56	55	65	63	66
WOODSTOCK	18	MAX	87	90	87	80	82	88	98	96	95	93	81	79	81	89	84
		MIN	57	65	66	55	47	52	59	68	61	63	52	49	66	60	63
APPALACHIAN MOUNTAIN CUMBERLAND 2 07																	
	17	MAX	85	82	75	76	83	91	93	92	96	94	81	85	86	82	79
		MIN	54	63	54	51	51	56	64	62	64	63	58	58	60	60	58

DAILY TEMPERATURES (°F)

STATION		DAY OF MONTH																AVERAGE
		16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
MARYLAND																		
SOUTHERN EASTERN SHORE	01																	
ASSATEAGUE ISLAND		68	67	73	76	67	70	76	79	78	79	83	83	82	83	83	77.9	
		61	62	52	54	63	63	54	53	56	67	67	69	71	71	70	62.2	
PRINCESS ANNE		74	74	74			68	80	84	89	84			91			M	
		61	61	60			57	51	50	50	60			65			M	
SALISBURY		74	69	72	78	77	67	79	84	83	82	89	89	87	92	90	83.3	
		64	62	61	53	58	61	58	54	55	64	67	71	76	77	73	64.2	
SALISBURY FAA ARPT		72	69	76	78	65	67	78	84	84	83	90	91	87	93	78	81.9	
		63	62	56	44	59	61	55	51	51	60	64	67	76	74	72	61.1	
SNOW HILL 4 N		71	70	72	77	76	67	78	83	81	82	89	90	88	92	90	83.2	
		62	61	61	47	57	62	56	48	49	58	63	66	73	75	71	61.2	
CENTRAL EASTERN SHORE																		
ROYAL OAK 2 SSW	02	82	72	74	80	76	70	81	85	85	85	92	91	88	94	87	85.0	
		64	62	58	52	57	60	55	56	56	66	67	72	77	75	71	63.7	
VIENNA		80	72	74	79	70	68	79	85	84	85	89	91	87	90	89	83.8	
		63	61	50	49	49	59	57	62	55	64	59	67	71	75	71	62.1	
LOWER SOUTHERN																		
MECHANICSVILLE 5 NE	03	75	70	71	76	72	65	77	82	81	82	88	88	85	90	81	81.6	
		63	62	55	49	57	61	57	54	52	60	65	68	73	74	68	61.5	
UPPER SOUTHERN																		
ANNAPOLIS POLICE BRKS	04	80	76	76	84	79	78	80	82	80	82	86	86	82	81	80	83.5	
		66	62	60	54	56	64	58	60	58	68	70	73	80	70	79	66.0	
BALTIMORE WSO ARPT																		
		74	69	74	78	64	67	79	82	82	84	90	87	86	92	77	81.9	
		63	59	54	50	58	59	55	57	53	61	65	68	74	72	70	61.1	
BELTSVILLE		83	76	71	74	78	63	68	81	85	84	84	91	91	87	91	83.2	
		63	64	56	50	57	57	53	55	52	61	65	70	76	73	67	61.3	
DALECARLIA RESERVOIR		86	73	75	79	73	68	81	85	85	87	93	92	92	93	84	85.6	
		61	55	54	52	56	60	55	56	54	64	68	82	76	65	64	63.1	
GLENN DALE BELL STN																		
		76	71	73	78	62	66	79	84	83	85	92	91	86	91	76	83.2	
LAUREL 3 W																		
		58	60	54	47	55	59	55	52	50	59	64	68	74	72	67	59.2	
		74	71	76	81	67	69	83	85	84	85	92	90	86	93	80	84.1	
		61	62	54	56	55	57	57	61	60	63	68	69	75	73	68	63.1	
NATIONAL ARBORETUM DC		84	76	72	77	81	65	70	84	88	86	88	94	95	100	95	86.2	
		64	61	56	53	56	58	58	57	56	64	68	73	77	78	70	63.7	
UPPER MARLBORO 3 NNW		83	75	69	74	78	62	66	79	83	83	85	90	90	87	92	82.7	
		63	63	56	50	53	56	57	55	54	58	64	69	71	74	68	60.6	
NORTHERN EASTERN SHORE																		
CHESTERTOWN	05	77	72	76	80	63	69	83	87	85	87	92	92	89	92	79	83.5	
		61	60	56	53	58	57	54	57	57	63	68	69	75	72	68	62.1	
MILLINGTON 1 SE		80	73	74	77	75	68	78	83	82	89	88	87	88	92	87	83.0	
					***							***						
		62	60	57	53		58	55	55	54	66	67		75	71	68	61.1	
NORTHERN CENTRAL	06	82	73	74	79	77	68	80	84	84	83	89	88	84	90	90	83.9	
ABERDEEN PHILLIPS FIEL					***	***						***	***					
		61	57	55			60	54	57	58	62			78	76	71	63.6	
BALTIMORE CITY																	M	
CATOCTIN MOUNTAIN PARK																	M	
		71	67	69	73	69	65	78	80	80	82	89	88	87	86	76	78.7	
		55	49	45	52	52	54	53	59	59	60	66	69	69	70	59	58.8	
CLARKSVILLE 3 NNE																	M	
CONOWINGO DAM							72	84	88	88	88	88					M	
					83													
					56	53	54	60	58	61	62						M	
DAMASCUS 3 SSW		72	65	72	76	61	67	78	81	80	84	90	87	83	89	75	79.8	
		57	59	50	49	53	56	51	55	55	62	66	70	70	70	63	59.4	
EMMITSBURG 2 SE		78	72	73	78	74	72	82	84	82	84	92	90	88	92	88	83.3	
		55	58	49	45	55	57	49	50	50	56	68	66	72	72	63	58.0	
FREDERICK POLICE BRKS		83	75	72	77	77	69	80	83	83	84	92	92	89	91	88	84.3	
		59	59	53	52	58	57	54	57	59	58	68	73	72	73	66	62.5	
MILLERS 4 NE		76	68	72	77	76	67	80	83	81	83	89	88	84	88	85	81.1	
		55	58	51	48	55	57	49	57	53	61	63	67	72	72	64	59.2	
ROCKVILLE 1 NE		76	70	73	80	64	67	80	85	84	87	94	94	87	91	78	83.1	
		61	57	53	52	54	58	58	57	56	64	68	73	75	73	68	62.5	
WOODSTOCK		80	70	74	79	76	68	83	86	85	87	93	90	88	91	87	84.9	
		58	61	53	47	56	57	52	53	50	60	63	68	77	70	67	59.2	
APPALACHIAN MOUNTAIN																		
CUMBERLAND 2	07	75	69	74	77	73	73	83	87	88	90	95	94	90	89	80	83.9	
		57	46	46	47	57	55	51	53	59	65	65	71	74	60	62	58.1	

DAILY TEMPERATURES (°F)

STATION	OB. TIME	MAX/MIN	DAY OF MONTH														
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
CUMBERLAND POLICE BRK	17	MAX	87	81	72	72	81	87	91	91	93	92	78	81	82	83	83
		MIN	54	60	63	53	48	54	54	70	60	60	61	53	66	59	53
FROSTBURG 2	07	MAX	83	76	79	67	70	79	84	84	83	86	78	77	81	80	76
		MIN	57	57	60	48	49	51	54	66	60	61	59	51	52	57	52
HAGERSTOWN POLICE BRK	17	MAX	89	86	80	76	79	85	94	94	94	93	80	82	81	82	81
		OBS															
		MIN	57	65	55	55	52	53	52	68	62	64	61	54	65	60	59
SHARPSBURG 5 S	07	MAX	89	86	89	78	77	82	88	95	95	96	76	82	80	82	87
		MIN	56	58	61	48	49	53	61	64	60	61	63	52	54	59	56
ALLEGHENY PLATEAU 08																	
OAKLAND 1 SE	17	MAX	80	79	73	72	77	84	84	84	87	85	77	77	79	76	68
		MIN	53	54	59	47	47	51	55	65	56	51	61	55	62	54	50
SAVAGE RIVER DAM	08	MAX	81	76	82	67	70	77	83	92	92	96	83	76	79	80	78
		MIN	54	57	60	53	49	51	56	62	60	58	62	53	56	58	54
DELAWARE																	
NORTHERN 01																	
NEWARK UNIVERSITY FARM	17	MAX	89	89	89	79	78	84	96	95	93	90	83	81	78	86	83
		MIN	60	66	65	58	52	60	62	70	66	62	61	51	66	66	66
WILMINGTON WSO ARPT	MID	MAX	86	87	80	78	76	81	94	94	90	71	80	77	79	82	82
		MIN	64	68	65	56	53	55	65	72	66	59	57	53	67	67	67
WILMINGTON PORTER RSVR	MID	MAX	85	87	78	78	78	83	94	94	88	71	77	75	75	84	81
		MIN	64	68	67	58	57	55	65	66	65	60	56	55	66	66	66
SOUTHERN 02																	
DOVER	17	MAX	87	87	87	78	78	75	93	95	95	91	74	76	76	84	86
		MIN	65	66	70	60	56	55	65	67	72	62	58	57	63	65	67
		OBS							53								
GREENWOOD 2 NE	07	MAX	90	87	87	83	80	79	84	95	95	94	67	74	72	76	85
		MIN	60	66	70	59	51	49	61	68	67	63	54	56	61	67	68
		OBS	43						49								
LEWES	17	MAX	90	89	89	81	77	79	96	97	95	87	70	71	76	87	86
		MIN	68	69	74	66	55	54	66	71	73	63	61	62	66	67	68

MARYLAND AND DELAWARE
JUNE 1999

DAILY TEMPERATURES (°F)

STATION	DAY OF MONTH																	AVERAGE
	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
CUMBERLAND POLICE BRK	71	67	70	74	74	68	78	83	84	87	91	91	89	88	77		81.5	
	55	56	42	44	44	57	53	49	56	56	62	62	69	71	57		56.7	
FROSTBURG 2	70	62	64	66	72	66	67	76	83	83	83	89	88	82	80		77.1	
	51	52	44	45	45	51	50	52	54	57	60	64	66	68	54		54.9	
HAGERSTOWN POLICE BRK	78	78	74	76	77	71	80	82	84	93	92	91	88	92	91		84.1	
											***	***						
	59	55	48	53	48	58	60	62	53	67			73	74	64		59.1	
SHARPSBURG 5 S	81	75	66	74	80	66	70	82	85	83	88	94	92	87	91		83.2	
	52	54	45	45	48	58	51	52	53	59	64	65	71	71	61		56.8	
ALLEGHENY PLATEAU 08																		
OAKLAND 1 SE	67	63	66	69	66	68	73	80	80	82	86	85	82	81	74		76.8	
	49	53	36	37	37	54	48	44	52	57	56	60	66	67	54		53.0	
SAVAGE RIVER DAM	71	72	66	70	70	70	67	75	85	85	84	92	91	83	80		79.1	
	53	52	42	43	45	52	53	49	52	56	61	64	66	68	58		55.2	
DELAWARE																		
NORTHERN 01																		
NEWARK UNIVERSITY FARM	82	75	75	81	76	68	83	87	85	87	90	90	89	93	88		84.7	
	58	60	52	58	57	57	55	53	55	59	67	69	73	75	66		61.5	
WILMINGTON WSO ARPT	75	69	75	77	66	67	82	84	82	81	89	87	84	92	78		80.8	
	60	59	57	54	58	56	53	57	60	61	68	72	76	74	70		62.3	
WILMINGTON PORTER RSVR	81	67	73	78	67	65	82	86	86	84	90	90	84	91	77		81.0	
	59	58	56	56	58	57	57	61	60	62	66	70	75	74	68		62.4	
SOUTHERN 02																		
DOVER	80	69	67	75	75	63	77	84	83	80	86	86	86	90	90		81.8	
	62	60	57	55	57	57	55	54	56	61	68	68	74	75	70		62.6	
GREENWOOD 2 NE	79	71	68	75	76	62	65	79	84	83	83	89	88	84	92		80.9	
	63	62	58	51	54	57	56	54	53	55	65	68	71	64	67		60.6	
															51			
LEWES	75	67	72	76	74	65	76	84	83	82	89	89	87	92	93		82.5	
	64	64	62	54	59	61	62	55	59	65	69	72	76	77	70		65.1	

EVAPORATION AND WIND

STATION		DAY OF MONTH														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MARYLAND UPPER SOUTHERN 04 BELTSVILLE UPPER MARLBORO 3 NNW	WIND	-	84	120	100	51	68	67	42	77	82	38	46	70	58	63
	EVAP	-	30	34	34	26	31	29	28	39	41	6	27	11	18	32
	MAX	93	85	86	82	80	83	86	96	92	93	69	85	72	85	89
	MIN	58	60	60	55	55	55	56	63	65	63	55	57	57	63	65
	WIND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	EVAP	31	32	37	30	*	*	*	*	*	*	*	*	*	246	17
	MAX	90	89	92	86	87	86	92	99	98	99	72	92	76	91	94
	MIN	62	62	63	59	59	58	58	66	68	67	57	56	56	65	66
DELAWARE NORTHERN 01 NEWARK UNIVERSITY FARM	WIND	10	9	43	45	14	22	15	33	26	67	27	37	59	36	20
	EVAP	21	23	28	23	36	25	17	39	29	18	22	16	10	11	30
	MAX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	MIN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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

EVAPORATION AND WIND

STATION		DAY OF MONTH																TOTAL OR AVERAGE
		16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
MARYLAND UPPER SOUTHERN 04 BELTSVILLE		69	49	62	61	*	109	50	32	43	61	*	100	90	69	48		1871B
		30	17	9	19	*	16	4	23	29	26	*	42	27	11	23		6.85B
		85	79	69	76	-	82	67	86	87	82	-	91	89	83	89		83.6
		59	59	54	54	-	57	58	58	56	57	-	63	71	70	68		59.7
		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		M
		22	19	6	*	*	36	5	26	26	26	*	*	69	11	21		6.60
		91	86	74	82	85	67	70	91	93	88	91	96	96	90	94		87.9
		63	63	57	57	57	60	60	60	59	59	64	68	71	72	70		62.1
DELAWARE NORTHERN 01 NEWARK UNIVERSITY FARM		29	28	4	45	21	31	10	11	10	8	10	11	12	12	22		727
		24	12	25	12	-	23	2	12	27	17	28	21	14	21	-		6.28B
		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		M
		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		M

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

STATION INDEX

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 FIEL	0015	06	HARFORD	39 28	76 10W	57	16	16		C H	PHILLIPS ARMY AIRFIELD
ANNAPOLIS POLICE BRKS	0193	04	ANNE ARUNDEL	39 0	76 31W	25	17	17		H	ANNAPOLIS POLICE BRKS
ASSATEAGUE ISLAND	0335	01	WORCESTER	38 4	75 13W	10	07	07		H	NATIONAL PARK SERVICE
BALTIMORE WSO ARPT	0465	04	ANNE ARUNDEL	39 10	76 41W	148	MID	MID		C HJ	NATL WEATHER SERVICE
BALTIMORE CITY	0470	06	BALTIMORE (C	39 17	76 37W	14	MID	MID		C H	NATIONAL WEATHER SERVICE
BELTSVILLE	0700	04	PRINCE GEORG	39 2	76 53W	145	08	08	08	C H	AGRI RESEARCH CTR EAST
CATOCTIN MOUNTAIN PARK	1530	06	FREDERICK	39 39	77 29W	1610	17	17		H	CATOCTIN MOUNTAIN PARK
CHESTERTOWN	1750	05	KENT	39 13	76 4W	40	23	23		H	THOMAS W ELIASON JR
CLARKSVILLE 3 NNE	1862	06	HOWARD	39 15	76 56W	370	17	17		H	CMREC - CLARKSVILLE
CONOWINGO DAM	2060	06	HARFORD	39 39	76 10W	40	MID	MID		H	SUSQUEHANNA ELECTRIC CO
CUMBERLAND 2	2282	07	ALLEGANY	39 38	78 45W	730	17	07		H	TIMOTHY B THOMAS
CUMBERLAND POLICE BRK	2285	07	ALLEGANY	39 38	78 50W	970	17	17		H	MARYLAND STATE POLICE
DALECARLIA RESERVOIR	2325	04	DISTRICT OF	38 56	77 7W	150	17	17		H	U S CORPS OF ENGINEERS
DAMASCUS 3 SSW	2336	06	MONTGOMERY	39 16	77 14W	697	22	22		H	ROBERT J LEFFLER
EMMITSBURG 2 SE	2906	06	FREDERICK	39 41	77 18W	416	17	17		H	LUCILLE K BEALE
FREDERICK POLICE BRKS	3348	06	FREDERICK	39 25	77 26W	380	17	17		H	MARYLAND STATE POLICE
FROSTBURG 2	3415	07	ALLEGANY	39 40	78 56W	2168	07	07		H	KENNETH L CLOSE
GLENN DALE BELL STN	3675	04	PRINCE GEORG	38 58	76 48W	150	16	16		H	USDA PLANT INTRODUCT STN
HAGERSTOWN POLICE BRK	3980	07	WASHINGTON	39 37	77 44W	560	17	17		H	MARYLAND STATE POLICE
LAUREL 3 W	5111	04	PRINCE GEORG	39 6	76 54W	400	MID	MID		H	WA SUBURBAN SANITARY COM
MECHANICSVILLE 5 NE	5865	03	ST. MARY'S	38 27	76 41W	100	19	19		H	SANDRA J HASTINGS
MILLERS 4 NE	5934	06	CARROLL	39 43	76 48W	860	18	18		C H	BOBBY MILLER
MILLINGTON 1 SE	5985	05	KENT	39 16	75 52W	30	18	18		H	HOWARD L HARVEY
NATIONAL ARBORETUM DC	6350	04	DISTRICT OF	38 54	76 59W	50	07	07		H	US NATIONAL ARBORETUM
OAKLAND 1 SE	6620	08	GARRETT	39 24	79 24W	2420	17	17		H	BEA J CROSCO
POTOMAC FILTER PLANT	7272	06	MONTGOMERY	39 2	77 15W	270		08		H	POTOMAC WATER FILT PLANT
PRINCESS ANNE	7330	01	SOMERSET	38 13	75 41W	20	17	17		H	UNIV OF MD EASTERN SHORE
ROCKVILLE 1 NE	7705	06	MONTGOMERY	39 6	77 6W	440	MID	17		H	WASHINGTON GAS & ELEC CO
ROYAL OAK 2 SSW	7806	02	TALBOT	38 43	76 11W	10	18	18		H	JOHN L SWAINE JR
SALISBURY	8000	01	WICOMICO	38 22	75 35W	10	17	17		H	CITY OF SALISBURY
SALISBURY FAA ARPT	8005	01	WICOMICO	38 20	75 31W	50	MID	MID		H	FAA
SAVAGE RIVER DAM	8065	08	GARRETT	39 31	79 8W	1495	08	08	08	C H	US CORPS OF ENGINEERS
SHARPSBURG 5 S	8207	07	WASHINGTON	39 24	77 43W	500	07	07		H	DAVID DOWNIN
SNOW HILL 4 N	8380	01	WORCESTER	38 14	75 23W	30	17	17		H	CURTIS E SHOCKLEY
UPPER MARLBORO 3 NNW	9070	04	PRINCE GEORG	38 52	76 47W	100	08	08	08	H	UNIVERSITY OF MARYLAND
VIENNA	9140	02	DORCHESTER	38 29	75 49W	10	18	18		H	DELMARVA POWER & LIGHT
WESTMINSTER POL BRKS	9440	06	CARROLL	39 33	76 58W	765	17	17		H	INACTIVE 04/01/1999
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 HIGHWAY DEPT
GREENWOOD 2 NE	3595	02	SUSSEX	38 49	75 35W	45	07	07		H	DANIEL M SWARTZENTRUBER
LEWES	5320	02	SUSSEX	38 46	75 8W	15	17	17		H	BOARD OF PUBLIC WORKS
NEWARK UNIVERSITY FARM	6410	01	NEW CASTLE	39 40	75 44W	90	17	17	17	C H	UNIV OF DEL AGRIC FARM
WILMINGTON WSO ARPT	9595	01	NEW CASTLE	39 40	75 36W	74	MID	MID		C HJ	NATIONAL WEATHER SERVICE
WILMINGTON PORTER RSVR	9605	01	NEW CASTLE	39 46	75 32W	270	MID	MID		H	WILMINGTON WATER DEPT

REFERENCE NOTES

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 (i.e. not precipitation alone).

NORMALS: The average value of the meteorological element over a time period. Effective 1 January 1993, the averaging period is 1961 to 1990. 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 number of days with .10, .50, 1.00 or more refers to water equivalents.

PRECIPITATION QUALITY CONTROL: The NCDC quality control process may delete precipitation data that are spatially inconsistent; exceed climatological limits, or are inconsistent with prevailing weather patterns.

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 indicated 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 the "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 the "Soil Temperatures" table.
H Observations appear in the "Snowfall and Snow on the 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.

VAR Observation time varies.
W1 Rain gage read weekly or irregularly.
WM Rain gage read weekly and last day of the 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 the 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 check, 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.

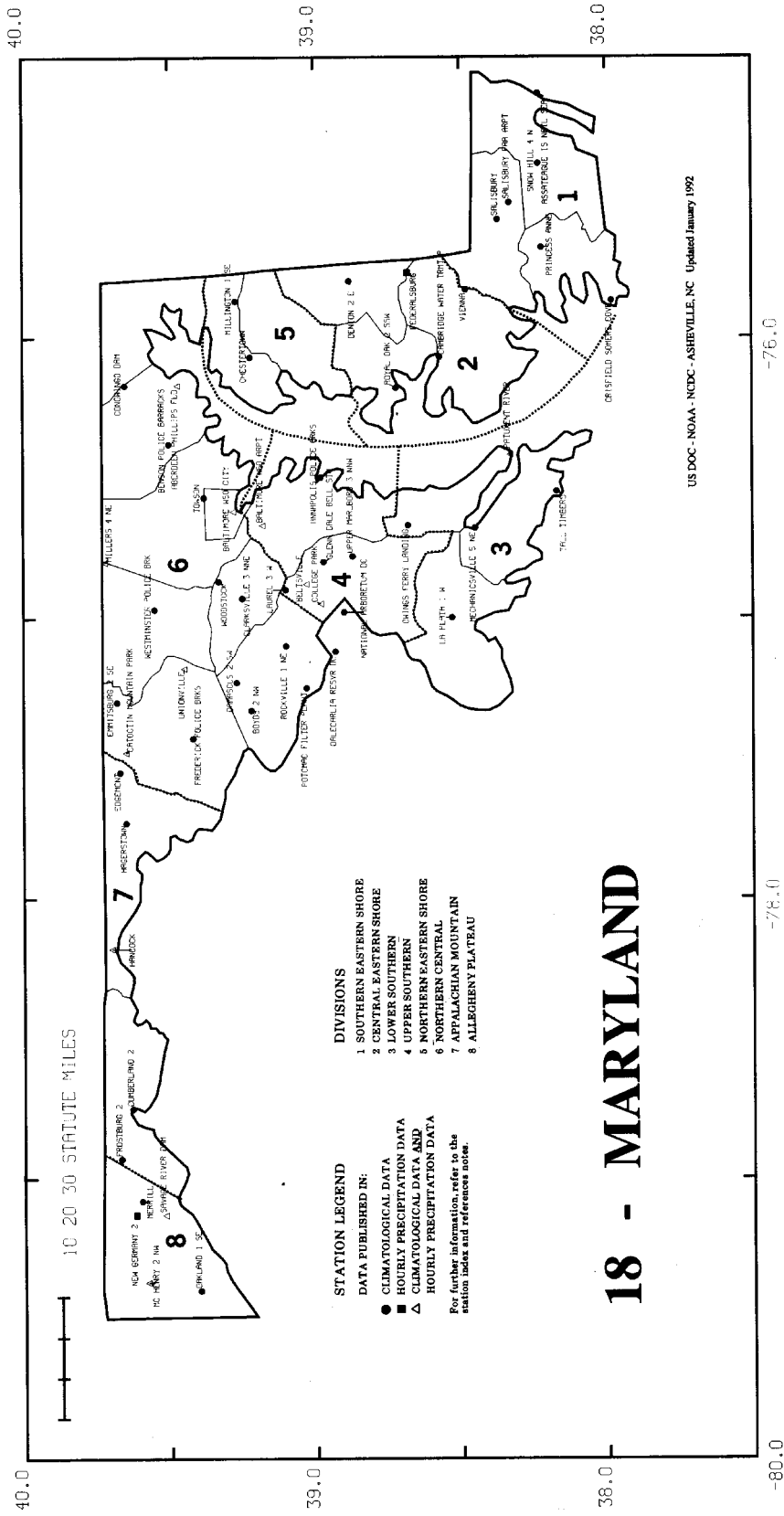
V Includes total for previous month(s). (See * above)

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 is kept on file at the National Climatic Data Center. Historical information of regular National Weather Service Offices may be obtained from the "Local Climatological Data" annual publication. The contents of this publication may be reprinted or otherwise used freely, with proper credit to the National Climatic Data Center. The data are also available in digital form on magnetic tape and diskette.

SUBSCRIPTION, PRICE, AND ORDERING INFORMATION AVAILABLE FROM:

NATIONAL CLIMATIC DATA CENTER
ROOM 120
151 PATTON AVENUE
ASHEVILLE, NC 28801-5001



40.0

40.0

10 20 30 STATUTE MILES

07 - DELAWARE**1****STATION LEGEND**

DATA PUBLISHED IN:

- CLIMATOLOGICAL DATA
- HOURLY PRECIPITATION DATA
- △ CLIMATOLOGICAL DATA AND
HOURLY PRECIPITATION DATA

For further information, refer to the
station index and references notes.**DIVISIONS**

- 1 NORTHERN
- 2 SOUTHERN

DOVER

2

MILFORD 4 SE

GREENWOOD 2 NE

LEWES

GEORGETOWN 5 SH
△US DOC - NOAA - NCDC - ASHEVILLE, NC
Updated January 1992

39.0

39.0

38.0
-76.0

-75.5

-75.0

38.0

To change your address, please return a copy of the mailing label along with your new address to: National Climatic Data Center (Subscription Services).

Inquiries/Comments Call: (828) 271-4800 (Voice)
(828) 271-4010 (TDD)
(828) 271-4876 (Fax)

National Climatic Data Center
Room 120
151 Patton Avenue
Asheville, NC 28801-5001

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE \$300
ADDRESS CORRECTION REQUESTED

BULK RATE POSTAGE & FEES PAID United States Department of Commerce NOAA Permit No. G-19
--