

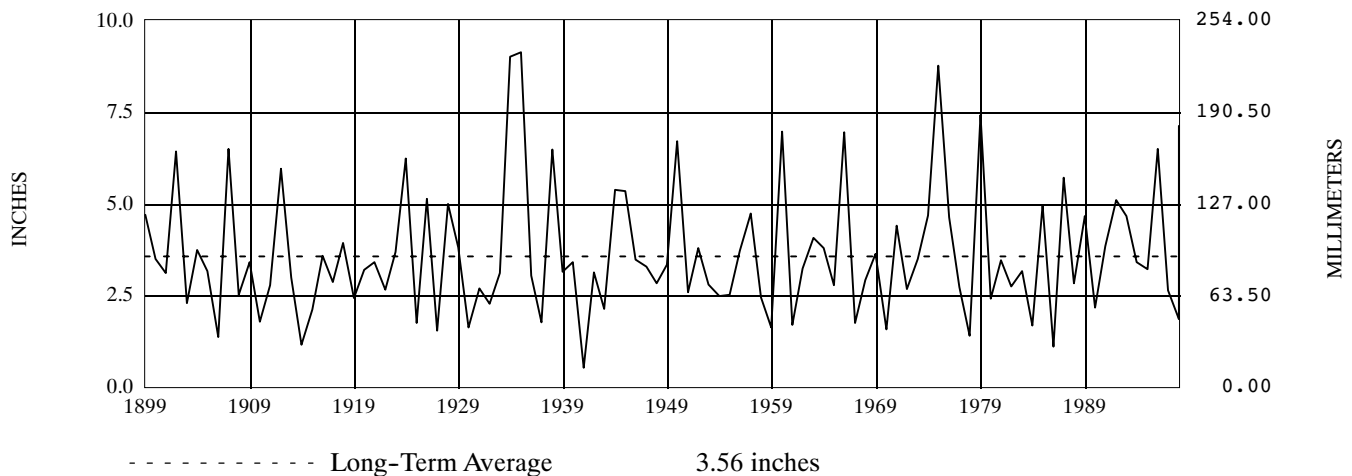
# CLIMATOLOGICAL DATA

## MARYLAND AND DELAWARE

SEPTEMBER 1998

VOLUME 102 NUMBER 09

ISSN 0145-0549



MARYLAND AND DELAWARE PRECIPITATION SEPTEMBER, 1899-1998

### TEMPERATURE AND PRECIPITATION EXTREMES

**MARYLAND**

HIGHEST TEMPERATURE	102	SEPTEMBER 27	BALTIMORE CITY	R
LOWEST TEMPERATURE	33	SEPTEMBER 24	CLARKSVILLE 3 NNE	
GREATEST TOTAL PRECIPITATION	3.71		OAKLAND 1 SE	
LEAST TOTAL PRECIPITATION	.50		MECHANICSVILLE 5 NE	
GREATEST 1 DAY PRECIPITATION	1.74	SEPTEMBER 22	GLENN DALE BELL STN	

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## TEMPERATURE AND PRECIPITATION EXTREMES

### DELAWARE

HIGHEST TEMPERATURE	94	SEPTEMBER 27	LEWES
LOWEST TEMPERATURE	40	SEPTEMBER 24	2 STATIONS
GREATEST TOTAL PRECIPITATION	2.93		WILMINGTON PORTER RSVR
LEAST TOTAL PRECIPITATION	1.48		NEWARK UNIVERSITY FARM
GREATEST 1 DAY PRECIPITATION	1.57	SEPTEMBER 8	DOVER

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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
<b>MARYLAND</b>														
SOUTHERN EASTERN SHORE 01														
ASSATEAGUE ISLAND	81.9	66.6	74.3		90	27+	56	24	0	286	2	0	0	0
PRINCESS ANNE	85.4	59.8	72.6	3.9	93	28+	49	24+	9	245	8	0	0	0
SALISBURY	85.5	63.4	74.5	4.8	93	16	40	24	9	299	7	0	0	0
SALISBURY FAA ARPT	84.4	61.0	72.7	4.1	94	27+	41	24	17	252	8	0	0	0
SNOW HILL 4 N	84.9	61.6	73.3	4.6	94	27	39	24	12	269	5	0	0	0
--DIVISIONAL DATA----->			73.5	4.0										
CENTRAL EASTERN SHORE 02														
ROYAL OAK 2 SSW	85.6	65.0	75.3	5.5	94	27+	44	24	6	321	10	0	0	0
VIENNA	85.5	63.1	74.3	4.4	94	27+	47	24	7	295	10	0	0	0
--DIVISIONAL DATA----->			74.8	5.2										
LOWER SOUTHERN 03														
LA PLATA 1 W		M	M	M										
MECHANICSVILLE 5 NE	82.5	61.7	72.1	4.2	94	7	41	24	16	239	5	0	0	0
--DIVISIONAL DATA----->			72.1	3.1										
UPPER SOUTHERN 04														
ANNAPOLIS POLICE BRKS	87.1	65.1	76.1	6.1	97	8	50	24	5	342	13	0	0	0
BALTIMORE WSO ARPT R	83.7	59.8	71.8	3.3	95	27+	42	24	25	235	8	0	0	0
BELTSVILLE	85.4	61.8	73.6	6.4	95	28+	44	24	13	279	10	0	0	0
DALECARLIA RESERVOIR	87.7	65.1	76.4	7.3	96	27+	48	24	4	354	12	0	0	0
GLENN DALE BELL STN	85.9	59.9	72.9	5.2	95	16+	40	24	20	263	10	0	0	0
LAUREL 3 W	85.9	64.2	75.1	6.4	96	6	48	24	8	316	11	0	0	0
NATIONAL ARBORETUM DC	87.9	62.2	75.1	6.5	98	28+	45	25+	11	317	13	0	0	0
UPPER MARLBORO 3 NNW	85.0	59.4	72.2	5.3	95	28+	43	25+	20	241	11	0	0	0
--DIVISIONAL DATA----->			74.2	5.7										
NORTHERN EASTERN SHORE 05														
CHESTERTOWN	84.1	57.6	70.9	2.0	95	27	40	24	21	208	8	0	0	0
--DIVISIONAL DATA----->			70.9	2.3										
NORTHERN CENTRAL 06														
ABERDEEN PHILLIPS FIEL	83.7	62.0M	72.9M	4.3	91	17+	44	24	16	239	4	0	0	0
BALTIMORE CITY R	87.8	69.5	78.7	7.1	102	27	56	24	0	419	14	0	0	0
CATOCTIN MOUNTAIN PARK	79.8	59.5	69.7		90	6	46	24+	38	186	1	0	0	0
CLARKSVILLE 3 NNE	84.6	52.9	68.8		94	6	33	24	42	163	9	0	0	0
CONOWINGO DAM	84.9	61.4	73.2	6.2	94	27+	44	24	6	254	7	0	0	0
DAMASCUS 2 SSW	81.6	60.4	71.0		92	6	43	24	30	214	3	0	0	0
EMMITTSBURG 2 SE	84.3	57.3	70.8	5.2	94	7+	39	24	25	206	8	0	0	0
FREDERICK POLICE BRKS	85.5	63.1	74.3		96	6	43	24	11	293	9	0	0	0
MILLERS 4 NE	80.6	58.7	69.7		89	27+	38	24	36	181	0	0	0	0
ROCKVILLE 1 NE	82.5	62.3	72.4	6.7	93	27	43	24	22	253	7	0	0	0
WESTMINSTER POL BRKS	82.3	57.9	70.1	3.8	92	7	37	24	32	193	5	0	0	0
WOODSTOCK	84.5	58.8	71.7	4.6	94	6	40	24	21	228	8	0	0	0
--DIVISIONAL DATA----->			71.9	4.8										
APPALACHIAN MOUNTAIN 07														
CUMBERLAND 2	85.7	56.3	71.0	4.3	97	15	40	24+	21	209	8	0	0	0
CUMBERLAND POLICE BRK	82.2	57.0	69.6		93	15	38	24	30	174	5	0	0	0
FROSTBURG 2	76.6	53.9	65.3		87	15	40	25+	75	91	0	0	0	0
HAGERSTOWN POLICE BRK	86.2	58.4	72.3		97	6	42	24	24	246	11	0	0	0
SHARPSBURG 5 S	85.1	54.4	69.8		97	7	37	25+	46	196	10	0	0	0
--DIVISIONAL DATA----->			69.6	4.4										
ALLEGHENY PLATEAU 08														
OAKLAND 1 SE	76.8	51.7	64.3	3.9	90	14	35	24	78	63	1	0	0	0
SAVAGE RIVER DAM	77.5	53.8	65.7	3.9	87	16+	39	25+	59	85	0	0	0	0
--DIVISIONAL DATA----->			65.0	4.4										
<b>DELAWARE</b>														
NORTHERN 01														
NEWARK UNIVERSITY FARM	83.4	60.0	71.7	3.7	93	27+	40	24	23	232	7	0	0	0
WILMINGTON WSO ARPT R	81.1	60.6	70.9	2.9	91	27+	43	24	22	204	5	0	0	0
WILMINGTON PORTER RSVR	79.8	61.6	70.7	3.9	90	12+	46	24	25	206	2	0	0	0
--DIVISIONAL DATA----->			71.1	3.4										
SOUTHERN 02														
DOVER	82.0	61.7	71.9	2.3	89	28+	43	24	21	231	0	0	0	0
GREENWOOD 2 NE	81.7	59.8	70.8		93	28	40	24	26	208	3	0	0	0
LEWES	83.2	65.4	74.3	5.1	94	27+	46	24	7	293	4	0	0	0

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
<b>MARYLAND</b>										
SOUTHERN EASTERN SHORE 01										
ASSATEAGUE ISLAND	2.60		1.07	4	.0	0		5	2	1
PRINCESS ANNE	1.71	-2.04	.70	4	.0	0		5	1	0
SALISBURY	.91	-2.64	.48	4	.0	0		3	0	0
SALISBURY FAA ARPT	.97	-2.72	.58	4	.0	0		2	1	0
SNOW HILL 4 N	1.46	-1.83	.50	4	.0	0		5	1	0
--DIVISIONAL DATA----->	1.53	-1.88			.0					
CENTRAL EASTERN SHORE 02										
ROYAL OAK 2 SSW	.90	-2.74	.58	22	.0	0		2	1	0
VIENNA	1.77	-1.90	.87	17	.0	0		4	2	0
--DIVISIONAL DATA----->	1.34	-2.17			.0					
LOWER SOUTHERN 03										
LA PLATA 1 W					M	M				
MECHANICSVILLE 5 NE	.50	-3.25	.25	8	.0	0		2	0	0
--DIVISIONAL DATA----->	.50	-3.17			.0					
UPPER SOUTHERN 04										
ANNAPOLIS POLICE BRKS	.99	-2.27	.55	22	.0	0		2	1	0
BALTIMORE WSO ARPT R	1.27	-2.14	.50	22	.0	0		3	1	0
BELTSVILLE	2.37	-1.34	1.21	22	.0	0		4	1	1
DALECARLIA RESERVOIR	2.03	-1.55	1.40	22	.0	0		4	1	1
GLENN DALE BELL STN	2.22	-1.40	1.74	22	.0	0		2	1	1
LAUREL 3 W	1.54	-2.11	.82	22	.0	0		4	1	0
NATIONAL ARBORETUM DC	2.17	-1.43	1.25	22	.0	0		3	1	1
UPPER MARLBORO 3 NNW	1.71	-1.89	.79	22	.0	0		3	1	0
--DIVISIONAL DATA----->	1.79	-1.79			.0					
NORTHERN EASTERN SHORE 05										
CHESTERTOWN	2.86	-.78	1.65	2	.0	0		4	2	1
--DIVISIONAL DATA----->	2.86	-.79			.0					
NORTHERN CENTRAL 06										
ABERDEEN PHILLIPS FIEL	2.26	-1.63	1.03	22	.0	0		3	2	1
BALTIMORE CITY R					M	M				
CATOCTIN MOUNTAIN PARK	1.44		.55	22	.0	0		3	2	0
CLARKSVILLE 3 NNE	1.83		.85	2	.0	0		4	1	0
CONOWINGO DAM	2.44	-1.51	.82	3	.0	0		4	3	0
DAMASCUS 2 SSW	1.87		.57	2	M	.0		6	1	0
EMMITSBURG 2 SE	1.65	-2.32	.90	22	.0	0		4	1	0
FREDERICK POLICE BRKS	1.47		.96	8	.0	0		5	1	0
MILLERS 4 NE	1.63		.94	2	.0	0		4	1	0
ROCKVILLE 1 NE	1.33	-2.20	.72	17	.0	0		4	1	0
WESTMINSTER POL BRKS	2.04	-1.60	.80	22	.0	0		3	2	0
WOODSTOCK	2.10	-1.49	.87	2	.0	0		4	2	0
--DIVISIONAL DATA----->	1.82	-1.89			.0					
APPALACHIAN MOUNTAIN 07										
CUMBERLAND 2	2.29	-.79	.64	22	.0	0		7	2	0
CUMBERLAND POLICE BRK	2.49		.90	22	.0	0		7	1	0
FROSTBURG 2	1.95		.67	25	.0	0		5	2	0
HAGERSTOWN POLICE BRK	.79		.69	8	.0	0		2	1	0
SHARPSBURG 5 S	1.16		.86	8	.0	0		3	1	0
--DIVISIONAL DATA----->	1.74	-1.46			.0					
ALLEGHENY PLATEAU 08										
OAKLAND 1 SE	3.71	.44	1.12	21	.0	0		8	3	1
SAVAGE RIVER DAM	2.81	-.30	1.05	8	.0	0		6	2	1
--DIVISIONAL DATA----->	3.26	-.06			.0					
<b>DELAWARE</b>										
NORTHERN 01										
NEWARK UNIVERSITY FARM	1.48	-2.20	.68	8	.0	0		5	1	0
WILMINGTON WSO ARPT R	1.76	-1.67	.67	7	M	M		3	2	0
WILMINGTON PORTER RSVR	2.93	-1.02	1.14	2	.0	0		4	3	1
--DIVISIONAL DATA----->	2.06	-1.56			.0					
SOUTHERN 02										
DOVER	2.90	-1.44	1.57	8	.0	0		5	2	1
GREENWOOD 2 NE	2.09		.93	3	.0	0		5	2	0
LEWES	2.26	-.83	.89	4	.0	0		5	2	0

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				
--DIVISIONAL DATA----->			72.3	3.6														

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
--DIVISIONAL DATA----->	2.42	-1.22			.0					

DAILY PRECIPITATION ( INCHES )

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	2.60		.07	.33	1.07			.71	.23							
ASSATEAGUE ISLAND	1.71				.70				.31							
PRINCESS ANNE	.91				.48				.10							
SALISBURY	.97				.58			T	.08							
SALISBURY FAA ARPT	1.46				.50				.19					T		
SNOW HILL 4 N																
CENTRAL EASTERN SHORE 02	.90		T	.07					.20							
ROYAL OAK 2 SSW	1.77				.21				.10							
VIENNA																
LOWER SOUTHERN LA PLATA 1 W 03	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MECHANICSVILLE 5 NE	.50		T		T			T	.25							
UPPER SOUTHERN ANNAPOLIS POLICE BRKS 04	.99								.32							
BALTIMORE WSO ARPT R	1.27		T					.45	.09	T			T	T		
BELTSVILLE	2.37								.38							
DALECARLIA RESERVOIR	2.03								.31							
GLENN DALE BELL STN	2.22								.34							
LAUREL 3 W	1.54							.18	.22							
NATIONAL ARBORETUM DC	2.17								.31							
UPPER MARLBORO 3 NNW	1.71								.30	.02						
NORTHERN EASTERN SHORE 05	2.86		1.65					.66	.08				T	T		
CHESTERTOWN																
NORTHERN CENTRAL ABERDEEN PHILLIPS FIEL 06	2.26		.82						.35	.01						
BALTIMORE CITY R	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CATOCTIN MOUNTAIN PARK	1.44								.51		.05					
CLARKSVILLE 3 NNE	1.83		.85						.47							
CONOWINGO DAM	2.44		.15	.82					.69							
DAMASCUS 2 SSW	1.87		.57					.33	.27	T				T		
EMMITSBURG 2 SE	1.65			.30					.18							
FREDERICK POLICE BRKS	1.47		.12						.96							
MILLERS 4 NE	1.63		.94					T	.35				.02			
POTOMAC FILTER PLANT	1.65							.16	.21							
ROCKVILLE 1 NE	1.33		T					.16	.11					T		
WESTMINSTER POL BRKS	2.04					.72			.40	.01						
WOODSTOCK	2.10		.87						.84				T			
APPALACHIAN MOUNTAIN 07																
CUMBERLAND 2	2.29								.15	.03	.23					
CUMBERLAND POLICE BRK	2.49							.03	.25		.03					
FROSTBURG 2	1.95								.34	.03	T					
HAGERSTOWN POLICE BRK	.79								.69							
SHARPSBURG 5 S	1.16								.86	.01				T		
ALLEGHENY PLATEAU 08																
OAKLAND 1 SE	3.71							.23	.33	.03	.10					
SAVAGE RIVER DAM	2.81								1.05	.02	T					
<b>DELAWARE</b>																
NORTHERN NEWARK UNIVERSITY FARM 01	1.48		.15	.11					.68							
WILMINGTON WSO ARPT R	1.76		.43					.67	.01				T	T		
WILMINGTON PORTER RSVR	2.93		1.14					.34					T			
SOUTHERN DOVER 02	2.90		.83		.25				1.57					T		
GREENWOOD 2 NE	2.09			.93	.01	.04			.78					T		
LEWES	2.26		.41	.17	.89	.09		.55						T	.03	



DAILY PRECIPITATION ( INCHES )

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			.04													.15
ASSATEAGUE ISLAND			.12				.48									.10
PRINCESS ANNE			T				.29	T		T	T					.04
SALISBURY			T			T	.25			T						.06
SALISBURY FAA ARPT			T			T	.25			T						.06
SNOW HILL 4 N		.02	.44	.01			.13	.02								.15
CENTRAL EASTERN SHORE 02																
ROYAL OAK 2 SSW			.05				.58			T						T
VIENNA		.87					.50									.09
LOWER SOUTHERN 03																
LA PLATA 1 W	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MECHANICSVILLE 5 NE			.06				.18			.01						T
UPPER SOUTHERN 04																
ANNAPOLIS POLICE BRKS			.05				.55			.05						.02
BALTIMORE WSO ARPT R		.14	T			.05	.50			.04						T
BELTSVILLE			.49				1.21	.20					.06			.03
DALECARLIA RESERVOIR			.14				1.40			.03						.15
GLENN DALE BELL STN			.07				1.74						.07			
LAUREL 3 W		.27				.01	.82			.02						.02
NATIONAL ARBORETUM DC			.09				1.25	.44			.08					
UPPER MARLBORO 3 NNW			.08	.02			.79	.45			.05					
NORTHERN EASTERN SHORE 05																
CHESTERTOWN			.11			T	.28			.08						T
NORTHERN CENTRAL 06																
ABERDEEN PHILLIPS FIEL							1.03	.01		.04			T			T
BALTIMORE CITY R	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CATOCTIN MOUNTAIN PARK						.04	.55			.29						
CLARKSVILLE 3 NNE			T				.33			.18						
CONOWINGO DAM							.54	.03		.09	.09		.03			
DAMASCUS 2 SSW		.41				.05	.11			.13						T
EMMITSBURG 2 SE						.05	.90			.20			.02			T
FREDERICK POLICE BRKS			.13				.10			.16						
MILLERS 4 NE			T			T	.11			.21			T			T
POTOMAC FILTER PLANT		.70	.01			.07	.41			.04			.05			
ROCKVILLE 1 NE		.72				.02	.27			.05			T			
WESTMINSTER POL BRKS							.80			.05			.06			
WOODSTOCK			T				.20			.19						T
APPALACHIAN MOUNTAIN 07																
CUMBERLAND 2			.13		.05	.08	.64	.50		.05	.15					.28
CUMBERLAND POLICE BRK		.12			.36	.45	.90			.18						.17
FROSTBURG 2		T	.02		.04	.01	.51			.67	.13					.20
HAGERSTOWN POLICE BRK							.10									
SHARPSBURG 5 S							.06	.12		T	.10					.01
ALLEGHENY PLATEAU 08																
OAKLAND 1 SE		T		T	.11	1.12	.15			.08			.83			.73
SAVAGE RIVER DAM			.02		.05	.14	.76	.31		.01	.03		.10			.32
<b>DELAWARE</b>																
NORTHERN 01																
NEWARK UNIVERSITY FARM						.43				.11			T		T	T
WILMINGTON WSO ARPT R						.04	.51			.09		T	.01		T	
WILMINGTON PORTER RSVR		.81				.01	.53			.09		T	.01			
SOUTHERN 02																
DOVER							.15			.10						
GREENWOOD 2 NE			.10				.10	.13			T					
LEWES			T				.10	.02								

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
<b>MARYLAND</b>																	
SOUTHERN EASTERN SHORE 01																	
ASSATEAGUE ISLAND	07	MAX	82	83	84	79	81	85	89	78	72	76	82	89	83	82	83
		MIN	73	72	71	65	62	64	71	61	58	57	60	66	71	71	72
PRINCESS ANNE	17	MAX	93	91	88	85	83	89	83	82	75	75	80	90	90	89	91
		OBS					***	***					***	***			
		MIN	69	67	61	68	58	59	56	57	52	51	49	56	60	55	57
		OBS					***	***					***	***			
SALISBURY	17	MAX	89	85	86	80	82	87	92	88	74	75	82	89	90	90	90
		MIN	71	66	66	70	62	61	73	63	53	54	54	61	68	66	67
		OBS															
SALISBURY FAA ARPT	MID	MAX	82	85	87	81	83	88	92	75	73	76	82	91	91	88	91
		MIN	64	63	65	62	59	57	73	59	52	52	52	61	67	64	66
SNOW HILL 4 N	17	MAX	87	86	86	79	84	89	93	87	74	76	82	89	88	86	90
		MIN	71	61	65	70	58	56	72	63	51	49	51	59	64	63	67
CENTRAL EASTERN SHORE 02																	
ROYAL OAK 2 SSW	18	MAX	90	90	87	89	84	93	94	89	74	76	80	93	90	90	89
		MIN	67	68	63	70	63	60	77	67	58	60	55	59	65	66	72
VIENNA	18	MAX	94	89	84	81	86	91	93	93	78	76	89	90	93	88	87
		OBS		***													
		MIN	69	64	68	68	62	61	74	64	52	53	54	55	56	67	69
		OBS		***						74							
LOWER SOUTHERN 03																	
LA PLATA 1 W	18	MAX															
		MIN															
MECHANICSVILLE 5 NE	19	MAX	81	86	83	85	83	90	94	78	71	74	80	90	87	88	89
		MIN	66	66	61	69	58	59	69	62	52	53	52	57	63	63	67
UPPER SOUTHERN 04																	
ANNAPOLIS POLICE BRKS	17	MAX	93	90	87	88	88	94	96	97	74	76	85	94	92	87	88
		MIN	70	62	66	73	66	63	64	63	54	54	57	64	72	70	70
		OBS															
BALTIMORE WSO ARPT	MID	MAX	85	86	83	89	85	95	94	73	73	77	83	92	88	92	92
		MIN	64	65	57	62	58	55	68	56	51	52	52	60	70	64	67
BELTSVILLE	08	MAX	93	84	89	85	88	86	95	94	75	74	78	84	94	92	92
		MIN	67	66	58	70	63	55	63	62	54	54	54	59	69	64	71
DALECARLIA RESERVOIR	17	MAX	89	91	88	90	89	96	95	89	75	79	86	95	94	93	94
		MIN	74	68	61	68	63	61	66	71	65	52	56	63	80	66	70
		OBS					76	85				76					
GLENN DALE BELL STN	16	MAX	84	89	87	89	87	95	94	88	72	77	84	94	92	94	93
		MIN	64	66	57	68	57	55	65	60	52	49	48	56	66	62	66
		OBS	82														
LAUREL 3 W	MID	MAX	86	91	86	91	88	96	95	75	73	78	86	94	91	94	92
		MIN	66	69	63	69	64	65	70	59	52	54	59	69	71	72	69
NATIONAL ARBORETUM DC	07	MAX	95	88	93	88	91	89	97	98	76	75	79	86	96	94	96
		OBS					***	***									
		MIN	68	68	62	65	63	59	67	64	54	54	53	54	67	66	67
		OBS					***	***									
UPPER MARLBORO 3 NNW	08	MAX	93	83	90	83	89	86	94	95	74	73	77	84	95	90	93
		MIN	64	65	60	60	61	57	58	63	53	53	52	53	59	64	64
NORTHERN EASTERN SHORE 05																	
CHESTERTOWN	23	MAX	85	84	83	88	84	92	93	75	74	77	83	92	89	91	90
		MIN	60	60	57	63	57	57	66	55	51	51	50	57	63	61	65
NORTHERN CENTRAL 06																	
ABERDEEN PHILLIPS FIEL	16	MAX	88	83	82	86	86	90	88	87	73	76	81	89	88	87	87
		OBS						***					***	***			
		MIN	65	67	60	69				61	51	55	53			68	67
BALTIMORE CITY	MID	MAX	92	91	88	93	89	101	98	79	77	81	87	96	91	91	92
		MIN	76	74	72	76	72	71	75	62	58	60	64	71	76	73	72
CATOCTIN MOUNTAIN PARK	17	MAX	79	80	82	82	81	90	88	78	66	71	79	88	87	88	87
		MIN	60	58	60	61	56	63	73	52	46	47	47	65	67	63	67
CLARKSVILLE 3 NNE	17	MAX	87	88	83	85	84	94	93	85	72	76	82	91	90	90	92
		MIN	55	59	51	61	49	47	58	54	46	43	44	51	60	58	56
CONOWINGO DAM	MID	MAX	88	83	85	88	88	94	91	73	76	82	86	92	92	90	88
		MIN	64	65	60	60	60	60	67	60	55	54	61	66	68	68	68
		OBS															
DAMASCUS 2 SSW	22	MAX	82	85	86	84	82	92	87	70	69	74	82	90	87	89	89
		MIN	60	65	69	65	56	57	68	56	49	48	51	58	65	63	69
EMMITSBURG 2 SE	17	MAX	85	85	86	86	84	94	94	86	71	75	82	92	92	91	90
		MIN	57	61	61	53	54	50	71	56	51	54	46	53	66	58	64
		OBS															
FREDERICK POLICE BRKS	17	MAX	87	87	89	87	84	96	95	86	71	76	84	94	89	91	92
		MIN	62	67	60	65	65	58	71	60	53	55	58	64	73	65	70
MILLERS 4 NE	18	MAX	81	82	80	81	81	89	86	78	67	73	79	88	87	87	86
		MIN	59	62	54	63	56	56	69	54	48	48	51	60	66	64	66
ROCKVILLE 1 NE	MID	MAX	82	88	83	87	83	92	88	70	70	75	83	92	90	91	92

DAILY TEMPERATURES ( °F )

STATION	DAY OF MONTH																AVERAGE
	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
<b>MARYLAND</b>																	
SOUTHERN EASTERN SHORE 01																	
ASSATEAGUE ISLAND	90	86	81	81	81	83	85	72	75	78	84	90	89	76	79		81.9
	72	72	72	72	69	69	67	57	56	59	64	71	69	66	68		66.6
PRINCESS ANNE	90	89	86	81	85	89	88	73	75	81	86	92	93	86	84		85.4
				***	***						***	***					
	69	70	70	65	64	63	70	50	49	52	59	66	60	53	60		59.8
				***	***						***	***					
SALISBURY	93	89	88	81	86	89	86	81	73	80	89	91	88	81	90		85.5
	70	71	70	68	69	66	68	56	40	50	64	68	74	56	56		63.4
											44						
SALISBURY FAA ARPT	94	90	81	80	87	89	86	70	74	80	90	94	88	80	84		84.4
	70	70	70	66	65	62	66	46	41	50	62	68	63	56	58		61.0
SNOW HILL 4 N	93	89	80	79	84	89	85	83	74	81	87	94	90	79	83		84.9
	68	70	71	69	62	62	72	56	39	48	61	67	73	53	57		61.6
CENTRAL EASTERN SHORE 02																	
ROYAL OAK 2 SSW	94	89	83	82	85	90	85	72	73	76	87	94	89	78	82		85.6
	76	72	67	66	64	71	69	58	44	64	62	74	73	56	63		65.0
VIENNA	90	90	83	81	85	86	85	70	73	74	84	94	93	85	80		85.5
				***	***	***											
	73	72	68	66	62	64	59	55	47	58	70	73	72	54	63		63.1
				***	***	***							44				
LOWER SOUTHERN LA PLATA 1 W 03																	M
MECHANICSVILLE 5 NE	91	84	78	78	81	88	82	70	71	75	84	91	86	74	84		82.5
	70	69	69	68	63	67	67	57	41	54	59	68	70	52	61		61.7
UPPER SOUTHERN ANNAPOLIS POLICE BRKS 04																	M
	96	96	81	79	96	90	84	74	72	73	87	95	92	86	82		87.1
	76	72	70	67	66	67	70	58	50	62	63	70	70	57	66		65.1
					52									68			
BALTIMORE WSO ARPT	93	83	81	78	82	92	83	68	72	67	86	95	84	75	84		83.7
	70	71	69	65	63	63	45	42	55	57	66	55	51	58			59.8
BELTSVILLE	93	95	86	82	81	87	92	85	70	74	72	88	95	82	78		85.4
	71	71	67	68	66	64	69	54	44	48	58	65	70	52	57		61.8
DALECARLIA RESERVOIR	96	89	84	83	87	93	87	75	74	74	89	96	93	82	87		87.7
	79	73	74	63	75	68	64	55	48	59	63	65	66	53	64		65.1
			47						64		77			51			
GLENN DALE BELL STN	95	89	82	80	84	92	87	72	75	70	87	94	90	78	84		85.9
	70	69	68	66	63	64	68	51	40	54	57	64	65	48	59		59.9
LAUREL 3 W	94	84	83	83	86	92	84	70	75	69	87	95	88	84	87		85.9
	72	68	66	69	66	66	65	55	48	59	61	69	64	64	64		64.2
NATIONAL ARBORETUM DC	97	97	89	83	83	89	94	87	71	77	73	91	98	86	81		87.9
											***	***	***				
	71	73	70	69	68	69	68	57	45	45	59	63	70	54	54		62.2
											***	***	***				
UPPER MARLBORO 3 NNW	92	95	83	81	80	85	93	83	68	74	70	89	95	85	77		85.0
	68	70	69	67	62	63	67	55	43	43	58	60	68	51	51		59.4
NORTHERN EASTERN SHORE 05																	
CHESTERTOWN	94	84	82	78	82	91	84	70	75	70	88	95	85	79	87		84.1
	69	65	62	59	59	64	60	45	40	55	53	64	58	46	57		57.6
NORTHERN CENTRAL ABERDEEN PHILLIPS FIEL 06																	
	91	91	83	81	83	88	88	75	72	71	84	90	81	80	81		83.7
					***						***	***					
	73	71	65			71	68	54	44	60			68	48	65		62.0
BALTIMORE CITY	95	86	84	82	85	94	88	73	77	71	91	102	91	82	87		87.8
	76	73	70	68	71	72	71	61	56	65	67	75	72	65	72		69.5
CATOCTIN MOUNTAIN PARK	86	81	82	78	81	79	73	65	71	66	84	86	81	75	81		79.8
	71	66	60	62	64	67	64	47	46	55	58	68	65	50	58		59.5
CLARKSVILLE 3 NNE	91	87	83	80	88	91	83	71	74	71	88	91	87	79	83		84.6
	62	62	60	61	54	56	63	46	33	45	49	56	59	40	49		52.9
CONOWINGO DAM	93	88	85	82	82	89	80	79	74	75	84	94	82	82	82		84.9
	68	70	64	62	69	71	68	56	44	61	58	58	66	48	50		61.4
										43							
DAMASCUS 2 SSW	89	81	82	78	81	85	79	66	70	68	83	91	89	75	82		81.6
	67	66	64	64	64	65	63	50	43	63	57	68	69	49	60		60.4
EMMITSBURG 2 SE	91	89	84	83	83	83	82	74	72	71	87	90	89	76	83		84.3
	69	67	63	63	61	63	68	51	39	53	52	63	64	44	44		57.3
												52					
FREDERICK POLICE BRKS	92	91	83	83	83	86	86	75	72	72	87	92	92	77	85		85.5
	74	71	67	67	68	68	70	55	43	57	57	69	70	51	59		63.1
MILLERS 4 NE	89	84	81	78	80	84	79	68	70	67	84	89	85	75	81		80.6
	70	66	61	62	62	64	65	50	38	56	55	67	67	45	56		58.7
ROCKVILLE 1 NE	91	83	81	78	82	88	79	66	71	68	86	93	81	77	84		82.5

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
WESTMINSTER POL BRKS	17	MIN	67	69	59	68	62	57	70	58	53	52	56	61	71	68	70
		MAX	82	85	86	82	81	89	92	85	69	72	79	87	90	89	90
		OBS															
WOODSTOCK	18	MIN	60	61	56	62	56	56	71	55	44	46	53	62	65	61	63
		MAX	85	87	89	87	85	94	91	82	71	76	83	91	89	91	91
		MIN	60	62	62	57	55	52	64	58	48	49	50	57	65	63	65
APPALACHIAN MOUNTAIN CUMBERLAND 2	07	17	MAX	84	85	86	88	88	96	91	80	71	75	84	92	96	96
			MIN	56	55	55	56	53	55	56	51	49	50	50	65	58	58
CUMBERLAND POLICE BRK	17	MAX	80	83	84	84	85	92	83	83	65	71	81	89	91	92	93
		MIN	53	61	52	52	54	51	70	55	52	49	47	64	63	55	62
FROSTBURG 2	07	MAX	78	77	77	79	77	79	86	76	62	62	66	75	82	85	87
		MIN	53	53	50	51	55	54	58	49	46	47	49	51	62	56	56
HAGERSTOWN POLICE BRK	17	MAX	87	88	88	87	87	97	96	83	71	77	92	92	93	90	92
		MIN	60	65	56	63	55	53	69	57	49	48	49	52	65	64	64
SHARPSBURG 5 S	07	MAX	89	85	90	86	88	87	97	89	72	71	76	86	94	91	94
		MIN	55	55	55	55	53	51	52	54	44	45	45	48	55	62	62
ALLEGHENY PLATEAU OAKLAND 1 SE	08	17	MAX	76	76	77	77	76	85	84	76	59	66	73	76	83	90
		MIN	48	57	48	48	46	43	63	48	44	44	46	52	50	47	56
SAVAGE RIVER DAM	08	MAX	80	80	80	78	80	81	86	78	66	62	69	76	82	87	86
		MIN	53	53	52	53	53	52	51	52	51	50	51	51	59	54	55
<b>DELAWARE</b>																	
NORTHERN NEWARK UNIVERSITY FARM	01	17	MAX	87	84	82	87	85	92	92	83	71	74	81	91	88	90
		MIN	61	62	58	65	61	59	69	59	52	51	53	60	65	66	65
WILMINGTON WSO ARPT	MID	MAX	82	79	80	86	81	89	90	73	72	74	80	91	86	84	89
		MIN	62	65	59	65	59	60	68	57	53	54	52	61	67	68	69
WILMINGTON PORTER RSVR	MID	MAX	82	80	80	82	78	88	90	70	69	72	79	90	85	85	88
		MIN	66	64	59	68	61	65	67	57	52	55	57	63	69	69	69
SOUTHERN DOVER	02	17	MAX	88	80	81	80	85	88	87	87	69	70	76	87	86	84
		MIN	67	62	61	68	68	58	71	61	49	51	54	61	66	64	67
GREENWOOD 2 NE	07	MAX	81	80	82	86	81	82	87	90	72	70	74	79	88	86	87
		MIN	64	63	62	63	59	57	64	63	52	52	53	55	65	64	67
LEWES	17	MAX	88	83	83	78	78	89	94	76	73	73	81	89	89	84	89
		OBS									93						
		MIN	73	66	69	70	64	64	71	65	54	55	57	64	71	68	70

DAILY TEMPERATURES ( °F )

STATION	DAY OF MONTH																AVERAGE
	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
WESTMINSTER POL BRKS	73	66	66	67	66	69	66	49	43	60	59	67	60	51	65		62.3
	90	83	80	79	82	83	85	69	73	71	85	90	85	75	82		82.3
	73	65	61	60	62	61	58	60	37	53	55	66	64	45	47		57.9
WOODSTOCK	92	84	82	79	85	91	84	71	75	71	87	93	85	78	85		84.5
APPALACHIAN MOUNTAIN 07	69	68	64	65	62	63	67	52	40	54	56	66	66	48	56		58.8
CUMBERLAND 2	93	88	86	85	88	84	79	74	77	76	91	89	86	81	85		85.7
CUMBERLAND POLICE BRK	67	67	67	65	65	65	51	40	40	57	59	63	48	48	57		56.3
FROSTBURG 2	90	84	82	82	79	83	75	71	74	74	87	85	86	77	82		82.2
HAGERSTOWN POLICE BRK	62	66	65	65	63	63	63	49	38	55	57	61	62	45	55		57.0
SHARPSBURG 5 S	86	83	77	80	79	81	77	70	61	71	74	83	81	72	75		76.6
ALLEGHENY PLATEAU 08	65	63	63	63	58	59	64	44	40	40	55	61	62	45	45		53.9
OAKLAND 1 SE	94	94	94	84	86	86	80	74	73	69	89	90	89	78	85		86.2
SAVAGE RIVER DAM	65	64	64	60	62	68	66	50	42	51	55	64	64	48	59		58.4
DELAWARE	94	93	83	87	82	89	90	79	69	75	69	90	95	82	80		85.1
NORTHERN 01	67	65	65	66	63	64	67	48	37	37	55	55	61	45	45		54.4
NEWARK UNIVERSITY FARM	82	79	77	75	81	76	73	67	71	70	80	81	78	76	75		76.8
WILMINGTON WSO ARPT	59	59	60	64	55	57	62	43	35	49	54	57	63	43	50		51.7
WILMINGTON PORTER RSVR	87	82	82	77	77	83	74	73	65	70	73	82	81	74	73		77.5
SOUTHERN 02	55	63	63	63	61	61	64	47	39	39	55	58	61	47	47		53.8
DOVER	93	89	82	82	83	82	81	71	69	71	86	93	83	78	83		83.4
GREENWOOD 2 NE	73	66	63	62	68	67	62	52	40	55	55	63	66	46	55		60.0
LEWES	91	78	81	80	81	90	80	68	70	68	84	91	81	75	78		81.1
	74	67	65	61	63	68	62	47	43	60	57	66	60	48	58		60.6
	89	76	78	79	81	86	78	64	69	67	82	89	88	73	78		79.8
	74	63	64	62	64	68	63	51	46	59	58	67	61	51	57		61.6
	89	89	78	78	81	87	87	80	68	72	84	89	89	79	78		82.0
	71	68	68	64	64	63	69	54	43	54	58	70	69	50	58		61.7
	87	91	79	77	79	84	87	84	69	74	75	86	93	84	77		81.7
	68	68	70	65	62	63	67	54	40	41	60	66	69	49	50		59.8
	93	88	77	77	80	88	87	77	73	79	84	94	92	79	81		83.2
	70	72	71	70	66	68	71	59	46	57	66	70	73	62	60		65.4

EVAPORATION AND WIND

STATION		DAY OF MONTH														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
<b>MARYLAND</b> UPPER SOUTHERN 04 BELTSVILLE	WIND	68	41	45	34	78	*	88	79	119	95	69	*	*	143	78
	EVAP	32	15	20	15	33	*	56	32	30	23	24	*	*	76	29
	MAX	89	82	87	84	85	-	88	85	74	72	77	-	-	90	87
	MIN	62	63	59	61	60	-	58	61	49	50	50	-	-	53	67

Evaporation: Is measured in hundredths 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	
<b>MARYLAND</b>																	
UPPER SOUTHERN 04																	
BELTSVILLE	69	36	48	46	*	53	51	54	55	52	*	*	95	61	45		1602
	21	22	25	13	*	23	43	16	24	9	*	*	52	26	16		6.75
	87	88	85	82	-	84	88	82	72	73	-	-	88	82	79		82.9
	67	70	68	66	-	65	66	55	47	47	-	-	55	54	55		58.7

Evaporation: Is measured in hundredths 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)	
<b>MARYLAND</b>											
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	38 59	76 30W	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 11	76 40W	148	MID	MID		C HJ	NATL WEATHER SERVICE
BALTIMORE CITY # R	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 2 SW	2335	06	MONTGOMERY	39 16	77 14W	722	19	19		H	INACTIVE 01/01/92
DAMASCUS 2 SSW	2336	06	MONTGOMERY	39 16	77 14W	670	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	3975	07	WASHINGTON	39 39	77 44W	660	08	08		H	INACTIVE 11/01/93
HAGERSTOWN POLICE BRK	3980	07	WASHINGTON	39 37	77 44W	560	17	17		H	MARYLAND STATE POLICE
HANCOCK	4030	07	WASHINGTON	39 42	78 11W	384	08	08		H	INACTIVE 03/31/98
LA PLATA 1 W	5080	03	CHARLES	38 32	77 0W	140	18	18		H	BONNIE L RAFER
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	INACTIVE 08/21/97
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	2419	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 50W	10	18	18		H	DELMARVA POWER & LIGHT
WESTMINSTER POL BRKS	9440	06	CARROLL	39 33	76 58W	765	17	17		H	MARYLAND STATE POLICE
WOODSTOCK	9750	06	BALTIMORE	39 20	76 52W	460	18	18		H	JOHN A HILTZ
<b>DELAWARE</b>											
DOVER	2730	02	KENT	39 9	75 31W	30	17	17		H	STATE HIGHWAY DEPT
GREENWOOD 2 NE	3595	02	SUSSEX	38 50	75 35W	45	07	18		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	PUBLIC WORKS



## 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.  
WI 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.

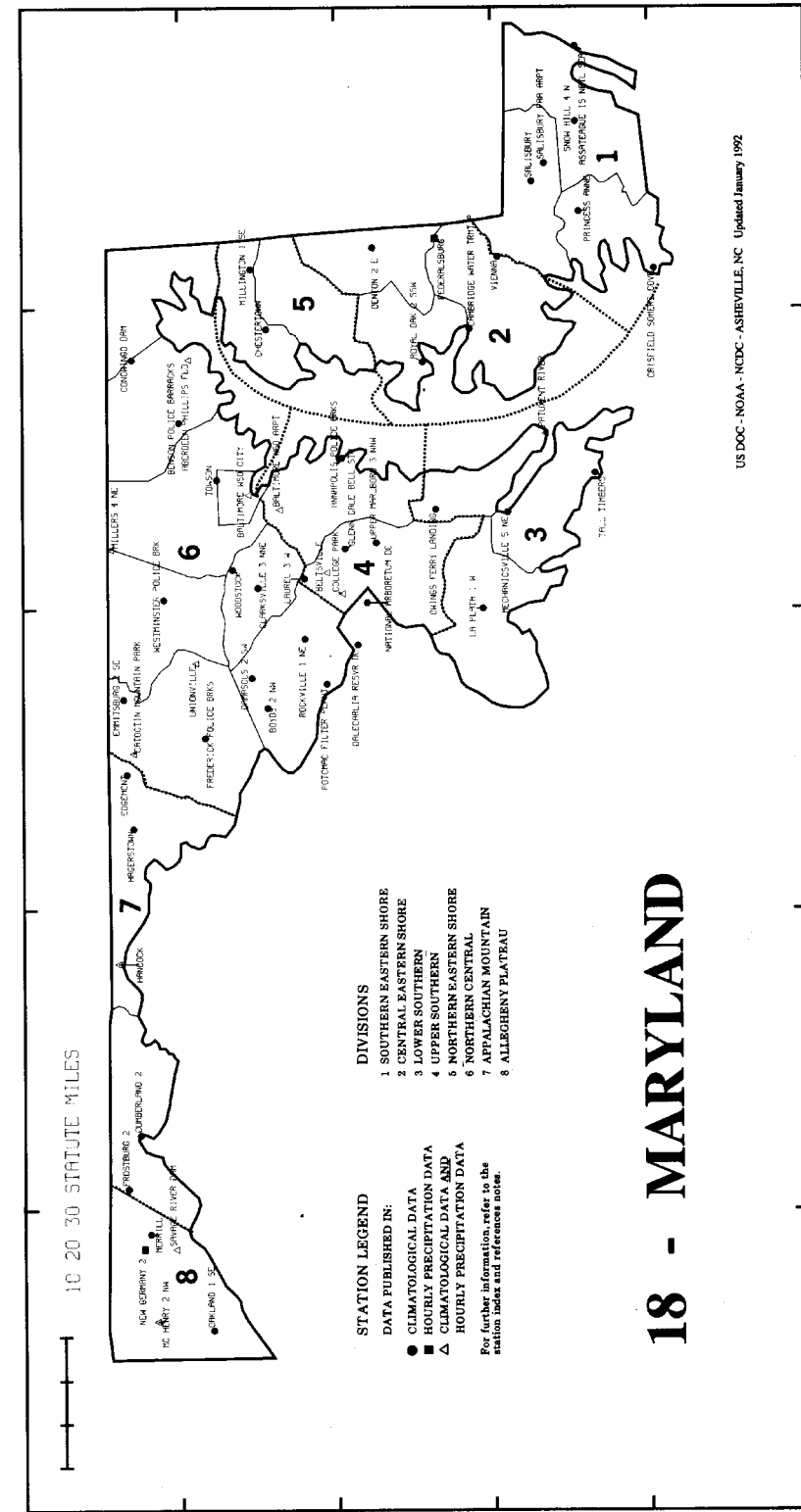
### SUBSCRIPTION, PRICE, AND ORDERING INFORMATION AVAILABLE FROM:

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

40.0

39.0

38.0



10 20 30 STATUTE MILES

- 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 note.
- DIVISIONS**
- 1 SOUTHERN EASTERN SHORE
  - 2 CENTRAL EASTERN SHORE
  - 3 LOWER SOUTHERN
  - 4 UPPER SOUTHERN
  - 5 NORTHERN EASTERN SHORE
  - 6 NORTHERN CENTRAL
  - 7 APPALACHIAN MOUNTAIN
  - 8 ALLEGHENY PLATEAU

# 18 - MARYLAND

US DOC - NOAA - NEDC - ASHEVILLE, NC Updated January 1992

40.0

39.0

36.0

-76.0

-76.0

-80.0

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

WILMINGTON PORTER RSVR

HEMLOCK UNIVERSITY FARM

WILMINGTON HSD BRCT

DOWR

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

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