

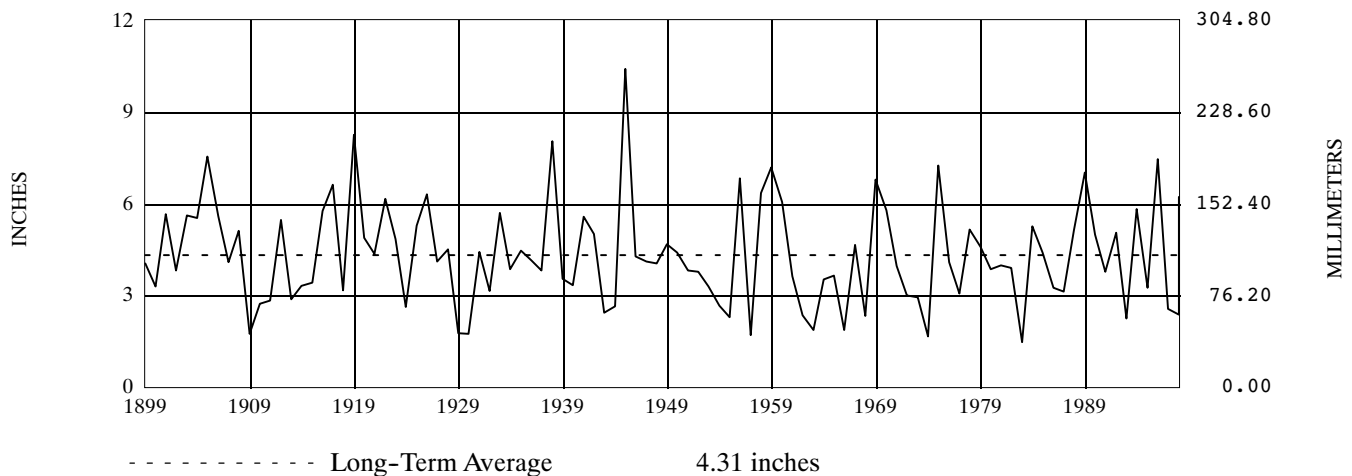
CLIMATOLOGICAL DATA

MARYLAND AND DELAWARE

JULY 1998

VOLUME 102 NUMBER 07

ISSN 0145-0549



MARYLAND AND DELAWARE PRECIPITATION JULY, 1899-1998

TEMPERATURE AND PRECIPITATION EXTREMES

MARYLAND

HIGHEST TEMPERATURE	102	JULY 22	BALTIMORE CITY	R
LOWEST TEMPERATURE	44	JULY 12	OAKLAND 1 SE	
GREATEST TOTAL PRECIPITATION	4.77		EMMITSBURG 2 SE	
LEAST TOTAL PRECIPITATION	.59		GLENN DALE BELL STN	
GREATEST 1 DAY PRECIPITATION	1.76	JULY 31	CUMBERLAND POLICE BRK	

“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	JULY 23	2 STATIONS
LOWEST TEMPERATURE	55	JULY 11	GREENWOOD 2 NE
GREATEST TOTAL PRECIPITATION	2.94		WILMINGTON PORTER RSVR
LEAST TOTAL PRECIPITATION	1.69		DOVER
GREATEST 1 DAY PRECIPITATION	1.26	JULY 8	WILMINGTON PORTER RSVR

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	85.3	67.8	76.6		99	22	60	13	0	365	8	0	0	0
PRINCESS ANNE	M	M	M		99	23	57	7			10	0	0	0
SALISBURY	88.0	68.6	78.3		99	22	59	13	0	419	10	0	0	0
SALISBURY FAA ARPT	87.0	65.8	76.4	-1.4	98	22	55	13	0	362	8	0	0	0
SNOW HILL 4 N	86.9	64.7	75.8	.0	98	22	54	13+	0	342	9	0	0	0
--DIVISIONAL DATA----->			76.8	.2										
CENTRAL EASTERN SHORE 02														
ROYAL OAK 2 SSW	88.2	67.9	78.1	.6	97	22	56	11	0	414	10	0	0	0
VIENNA	89.5	67.4	78.5	.7	99	22	58	8	0	426	13	0	0	0
--DIVISIONAL DATA----->			78.3	.9										
LOWER SOUTHERN 03														
LA PLATA 1 W	M	M	M											
MECHANICSVILLE 5 NE	85.1	65.8	75.5	-1.1	96	22	56	12	0	332	5	0	0	0
--DIVISIONAL DATA----->			75.5	-1.1										
UPPER SOUTHERN 04														
ANNAPOLIS POLICE BRKS	90.0	69.2	79.6	2.0	100	22	60	12+	0	456	15	0	0	0
BALTIMORE WSO ARPT	R		76.6	-4	99	22	55	12+	0	367	11	0	0	0
BELTSVILLE	87.9	65.7	76.8	1.2	96	31+	55	12+	0	373	10	0	0	0
DALECARLIA RESERVOIR	90.7	66.7	78.7	1.5	98	14	59	12+	0	430	16	0	0	0
GLENN DALE BELL STN	89.2	63.5	76.4	.9	98	23+	52	12	0	361	11	0	0	0
LAUREL 3 W	89.5	68.2	78.9	1.9	97	22	61	11	0	434	14	0	0	0
NATIONAL ARBORETUM DC	91.6	67.5	79.6	2.6	101	23	57	12	0	459	22	0	0	0
UPPER MARLBORO 3 NNW	87.7	64.9	76.3	1.0	98	23	57	12	0	358	9	0	0	0
--DIVISIONAL DATA----->			77.9	1.3										
NORTHERN EASTERN SHORE 05														
CHESTERTOWN	88.3	65.4	76.9	.1	97	22	55	8	3	379	12	0	0	0
--DIVISIONAL DATA----->			76.9	.4										
NORTHERN CENTRAL 06														
ABERDEEN PHILLIPS FIEL	87.1	66.8	77.0	.7	94	23+	58	12	0	378	7	0	0	0
BALTIMORE CITY	R		83.3	2.9	102	22	64	8	0	575	24	0	0	0
CATOCTIN MOUNTAIN PARK	81.7	63.5	72.6		88	21	54	11	0	245	0	0	0	0
CLARKSVILLE 3 NNE	87.8	58.9	73.4		97	22+	47	11	0	267	9	0	0	0
CONOWINGO DAM	90.2	67.0	78.6	3.5	98	22+	61	12+	0	426	21	0	0	0
DAMASCUS 2 SSW	83.7	63.6	73.7		92	22	54	12+	0	276	2	0	0	0
EMMITSBURG 2 SE	85.4	62.1	73.8	-3	95	22	51	12	0	281	3	0	0	0
FREDERICK POLICE BRKS	86.9	66.7	76.8		94	23+	58	12	0	374	7	0	0	0
MILLERS 4 NE	83.4	62.8	73.1		90	22	53	12	0	258	1	0	0	0
ROCKVILLE 1 NE	85.1	67.4	76.3	1.6	95	22	58	12	0	356	4	0	0	0
WESTMINSTER POL BRKS	86.5	62.8	74.7	.1	93	22	56	8	0	307	7	0	0	0
WOODSTOCK	87.7	63.4	75.6	.2	95	22	53	12	0	334	10	0	0	0
--DIVISIONAL DATA----->			75.7	.5										
APPALACHIAN MOUNTAIN 07														
CUMBERLAND 2	87.3	61.7	74.5	-6	96	21	53	12+	0	303	8	0	0	0
CUMBERLAND POLICE BRK	84.6	61.5	73.1		94	22	49	11	1	257	3	0	0	0
FROSTBURG 2	78.7	57.8	68.3		86	23+	49	12+	10	118	0	0	0	0
HAGERSTOWN POLICE BRK	86.2	63.8	75.0		94	22+	53	12	0	320	5	0	0	0
SHARPSBURG 5 S	86.0	60.5	73.3		94	22	51	12+	0	265	5	0	0	0
--DIVISIONAL DATA----->			72.8	-4										
ALLEGHENY PLATEAU 08														
OAKLAND 1 SE	78.8	58.1	68.5	.8	85	22+	44	12	14	129	0	0	0	0
SAVAGE RIVER DAM	80.1	58.7	69.4	.0	88	23	48	11	6	150	0	0	0	0
--DIVISIONAL DATA----->			69.0	1.0										
DELAWARE														
NORTHERN 01														
NEWARK UNIVERSITY FARM	M	M	M											
WILMINGTON WSO ARPT	R		75.1	-1.3	92	22+	56	12	0	320	4	0	0	0
WILMINGTON PORTER RSVR	85.2	67.5	76.4	1.2	93	21	59	11	0	359	5	0	0	0
--DIVISIONAL DATA----->			75.8	-1										
SOUTHERN 02														
DOVER	85.6	66.5	76.1	-1.1	94	23+	59	13	0	353	5	0	0	0
GREENWOOD 2 NE	86.6	65.0	75.8		97	23	55	11	0	342	8	0	0	0
LEWES	86.8	69.3	78.1	2.2	97	23	60	12	0	411	7	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
MARYLAND										
SOUTHERN EASTERN SHORE 01										
ASSATEAGUE ISLAND	1.83		.84	4	.0	0		4	1	0
PRINCESS ANNE	1.91	-2.09	.78	28	.0	0		4	1	0
SALISBURY	.96	-3.06	.40	8	.0	0		3	0	0
SALISBURY FAA ARPT	1.16	-3.17	.66	8	.0	0		3	1	0
SNOW HILL 4 N	1.74	-2.36	.50	31	.0	0		5	1	0
--DIVISIONAL DATA----->	1.52	-2.53			.0					
CENTRAL EASTERN SHORE 02										
ROYAL OAK 2 SSW	1.30	-2.66	.98	8	.0	0		2	1	0
VIENNA	1.50	-2.48	.75	5	.0	0		3	2	0
--DIVISIONAL DATA----->	1.40	-2.54			.0					
LOWER SOUTHERN 03										
LA PLATA 1 W					M	M				
MECHANICSVILLE 5 NE	1.23	-2.99	.58	9	.0	0		3	2	0
--DIVISIONAL DATA----->	1.23	-2.73			.0					
UPPER SOUTHERN 04										
ANNAPOLIS POLICE BRKS	1.35	-2.23	.77	8	.0	0		4	1	0
BALTIMORE WSO ARPT R	1.42	-2.27	.88	8	.0	0		3	1	0
BELTSVILLE	1.93	-2.16	.71	8	.0	0		4	2	0
DALECARLIA RESERVOIR	2.41	-1.48	.70	8	.0	0		5	3	0
GLENN DALE BELL STN	.59	-3.57	.25	31	.0	0		2	0	0
LAUREL 3 W	1.93	-2.05	1.05	8	.0	0		3	1	1
NATIONAL ARBORETUM DC	1.81	-2.57	.66	22	.0	0		4	1	0
UPPER MARLBORO 3 NNW	2.07	-1.95	.84	9	.0	0		5	2	0
--DIVISIONAL DATA----->	1.69	-2.32			.0					
NORTHERN EASTERN SHORE 05										
CHESTERTOWN	3.42	-.28	1.63	31	.0	0		3	3	1
--DIVISIONAL DATA----->	3.42	-.38			.0					
NORTHERN CENTRAL 06										
ABERDEEN PHILLIPS FIEL R	3.49	-.47	1.45	31	.0	0		5	2	2
BALTIMORE CITY					M	M				
CATOCTIN MOUNTAIN PARK	4.06		1.57	8	.0	0		4	3	2
CLARKSVILLE 3 NNE	2.80		1.12	8	.0	0		3	3	1
CONOWINGO DAM	2.99	-1.25	1.00	9	.0	0		6	3	1
DAMASCUS 2 SSW	2.04		.88	8	.0	0		3	2	0
EMMITSBURG 2 SE	4.77	1.53	1.63	8	.0	0		7	3	2
FREDERICK POLICE BRKS	3.13		1.68	31	.0	0		3	2	1
MILLERS 4 NE	3.48		1.55	8	.0	0		6	2	1
ROCKVILLE 1 NE	1.82	-1.89	.52	8	.0	0		5	1	0
WESTMINSTER POL BRKS	2.81	-1.00	.97	8	.0	0		4	3	0
WOODSTOCK	3.51	.06	1.67	31	.0	0		4	3	1
--DIVISIONAL DATA----->	3.17	-.63			.0					
APPALACHIAN MOUNTAIN 07										
CUMBERLAND 2	2.69	-.68	1.23	31	.0	0		3	2	1
CUMBERLAND POLICE BRK	3.67		1.76	31	.0	0		5	2	2
FROSTBURG 2	3.16		1.32	31	.0	0		5	3	1
HAGERSTOWN POLICE BRK	1.44		.87	8	.0	0		3	1	0
SHARPSBURG 5 S	2.85		1.24	31	.0	0		5	2	1
--DIVISIONAL DATA----->	2.76	-.78			.0					
ALLEGHENY PLATEAU 08										
OAKLAND 1 SE	3.51	-1.61	.75	31	.0	0		7	5	0
SAVAGE RIVER DAM	3.07	-1.14	1.63	31	.0	0		5	2	1
--DIVISIONAL DATA----->	3.29	-1.57			.0					
DELAWARE										
NORTHERN 01										
NEWARK UNIVERSITY FARM					M	M				
WILMINGTON WSO ARPT R	2.18	-2.05	1.19	8	M	M		4	2	1
WILMINGTON PORTER RSVR	2.94	-1.45	1.26	8	.0	0		4	2	1
--DIVISIONAL DATA----->	2.56	-1.66			.0					
SOUTHERN 02										
DOVER	1.69	-2.46	.74	8	.0	0		4	1	0
GREENWOOD 2 NE	1.99		.91	9	.0	0		3	2	0
LEWES	2.12	-1.86	.59	8	.0	0		4	3	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----->			76.7	.3													

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----->	1.93	-1.96			.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	1.83				.84	.34				.29		.02				
PRINCESS ANNE	1.91			*	*	*	.22			.34	.15					
SALISBURY	.96					.03				.40	.17					
SALISBURY FAA ARPT	1.16				.07	.13				.66	T					
SNOW HILL 4 N	1.74					.38				.34	.11					
CENTRAL EASTERN SHORE 02																
ROYAL OAK 2 SSW	1.30				T					.98	.28					
VIENNA	1.50					.75					.57					
LOWER SOUTHERN LA PLATA 1 W	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MECHANICSVILLE 5 NE	1.23				T					.54	.58					
UPPER SOUTHERN ANNAPOLIS POLICE BRKS	1.35							.10			.77	.20	T			
BALTIMORE WSO ARPT R	1.42				.01				T	.88						
BELTSVILLE	1.93	.02			T					.71	.25					
DALECARLIA RESERVOIR	2.41	.08								.70	.18					
GLENN DALE BELL STN	.59										.21		.04			
LAUREL 3 W	1.93				.01					1.05						
NATIONAL ARBORETUM DC	1.81									.49	.30					
UPPER MARLBORO 3 NNW	2.07									.28	.84					
NORTHERN EASTERN SHORE 05																
CHESTERTOWN	3.42				.76					.87						
NORTHERN CENTRAL ABERDEEN PHILLIPS FIEL	3.49	.27			*	*	.07			1.27	.02					
BALTIMORE CITY R	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CATOCTIN MOUNTAIN PARK	4.06		.01		.01	.02				1.57	.01					
CLARKSVILLE 3 NNE	2.80	.05			T					1.12						
CONOWINGO DAM	2.99	.15				.11				.37	1.00					
DAMASCUS 2 SSW	2.04				.03					.88						
EMMITSBURG 2 SE	4.77	.15			T	.05				1.63						
FREDERICK POLICE BRKS	3.13	.04				.07				.97						
MILLERS 4 NE	3.48	.41			T	.01				1.55						
POTOMAC FILTER PLANT	1.19				.05					.59						
ROCKVILLE 1 NE	1.82				T					.52						
WESTMINSTER POL BRKS	2.81	.18								.97						
WOODSTOCK	3.51	.19			T					.96						
APPALACHIAN MOUNTAIN 07																
CUMBERLAND 2	2.69	.09				.03				.92	.01					
CUMBERLAND POLICE BRK	3.67	.35			.03					1.03						
FROSTBURG 2	3.16	.23	T			.03				.76	.02					
HAGERSTOWN POLICE BRK	1.44	.23				T				.87						
SHARPSBURG 5 S	2.85	.18				.04				.71	.12	.01				
ALLEGHENY PLATEAU OAKLAND 1 SE	3.51	.55			.03	.05				.71	.50					
SAVAGE RIVER DAM	3.07	.38				T				.62	.08					T
DELAWARE																
NORTHERN NEWARK UNIVERSITY FARM	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WILMINGTON WSO ARPT R	2.18				.01					1.19						T
WILMINGTON PORTER RSVR	2.94				.31					1.26						
SOUTHERN DOVER	1.69					.04				.74	.02					
GREENWOOD 2 NE	1.99					.31				T	.91					
LEWES	2.12					.55				.59	.03					

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															.04	.30
ASSATEAGUE ISLAND PRINCESS ANNE SALISBURY				.04									.78			.42
SALISBURY FAA ARPT	T			.01									.06			.26
SNOW HILL 4 N	T	.02	T	.01									T			.29
CENTRAL EASTERN SHORE 02												.03	.35			.50
ROYAL OAK 2 SSW VIENNA		T							T							.04
LOWER SOUTHERN LA PLATA 1 W	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MECHANICSVILLE 5 NE		T		T												.11
UPPER SOUTHERN ANNAPOLIS POLICE BRKS				.05												.23
BALTIMORE WSO ARPT BELTSVILLE	R					T		.26			T				.19	.34
DALECARLIA RESERVOIR				.04			.50		.22		.02					.69
GLENN DALE BELL STN						.06		.01	.01		.01					.25
LAUREL 3 W						.08		.02			.01				.33	.43
NATIONAL ARBORETUM DC				.05			.66		.05							.26
UPPER MARLBORO 3 NNW							.23		.21			T				.51
NORTHERN EASTERN SHORE 05																
CHESTERTOWN NORTHERN CENTRAL 06			T			.09		.07							T	1.63
ABERDEEN PHILLIPS FIEL							.24	T	.17		T					1.45
BALTIMORE CITY CATOCTIN MOUNTAIN PARK	R	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CLARKSVILLE 3 NNE		.30						.62								1.52
CONOWINGO DAM								T	.65		T					.98
DAMASCUS 2 SSW	T					.22		T	.05		T				.05	.86
EMMITSBURG 2 SE	.85	.15	.24					.10								1.60
FREDERICK POLICE BRKS							.32	.05	T							1.68
MILLERS 4 NE	T	.04	.18					.40	.14		.03					.72
POTOMAC FILTER PLANT																.55
ROCKVILLE 1 NE	T	.12				.36		.05			.02				.41	.34
WESTMINSTER POL BRKS								.72			.08					.86
WOODSTOCK APPALACHIAN MOUNTAIN 07			T						.69							1.67
CUMBERLAND 2	.02	.02	.05						.32							1.23
CUMBERLAND POLICE BRK	.02	.13							.35							1.76
FROSTBURG 2	.02	.22	T					.04	.52							1.32
HAGERSTOWN POLICE BRK	T							.02	T							.32
SHARPSBURG 5 S	T	.03					.48		.04							1.24
ALLEGHENY PLATEAU 08																
OAKLAND 1 SE	.03	.19						.52	.18							.75
SAVAGE RIVER DAM	T	T	T		.04			.15	.17						T	1.63
DELAWARE																
NORTHERN NEWARK UNIVERSITY FARM																
WILMINGTON WSO ARPT	R	T				.56	T	.07								.18
WILMINGTON PORTER RSVR						.84	.03	.05								.45
SOUTHERN DOVER								.28	.30							.31
GREENWOOD 2 NE																.77
LEWES		.40					T						.03			.52

TOTAL SNOWFALL AND NUMBER OF DAYS WITH ONE INCH OR MORE ON GROUND

STATION	JUL		AUG		SEP		OCT		NOV		DEC		JAN		FEB		MAR		APR		MAY		JUN		TOTAL		TOTAL PRECIPITATION		
	SNOWFALL	1 IN ON GD	SNOWFALL	1 IN ON GD	SNOWFALL	1 IN ON GD	SNOWFALL	1 IN ON GD	SNOWFALL	1 IN ON GD	SNOWFALL	1 IN ON GD	SNOWFALL	1 IN ON GD	SNOWFALL	1 IN ON GD	SNOWFALL	1 IN ON GD	SNOWFALL	1 IN ON GD	SNOWFALL	1 IN ON GD	SNOWFALL	1 IN ON GD	SNOWFALL	1 IN ON GD			
MARYLAND																													
SOUTHERN EASTERN SHORE 01																													
SALISBURY FAA ARPT SNOW HILL 4 N									T	0	1.0	1		T	0				T	0					T	0	1.0	1	55.64
CENTRAL EASTERN SHORE 02											3.0	1		T	0												3.0	1	58.08
ROYAL OAK 2 SSW													T	0	T	0	T	0	.7	0							.7		55.84
LOWER SOUTHERN UPPER SOUTHERN 03 04																													
ANNAPOLIS POLICE BRKS BALTIMORE WSO ARPT BELTSVILLE NATIONAL ARBORETUM DC UPPER MARLBORO 3 NNW NORTHERN EASTERN SHORE 05											.1	0	.4	0	.7	0	T	0	2.1	0			T	0			.1		52.26
CHESTERTOWN NORTHERN CENTRAL 06									T	0																			
CATOCTIN MOUNTAIN PARK CLARKSVILLE 3 NNE CONOWINGO DAM DAMASCUS 2 SSW EMMITSBURG 2 SE FREDERICK POLICE BRKS MILLERS 4 NE ROCKVILLE 1 NE WESTMINSTER POL BRKS WOODSTOCK APPALACHIAN MOUNTAIN 07									T	0			T	0	M 2.6	-			7.7	-							1.0	M	48.27
CUMBERLAND 2 CUMBERLAND POLICE BRK FROSTBURG 2 HAGERSTOWN POLICE BRK ALLEGHENY PLATEAU 08											.5	-	M .0	1	T	0	T	0	1.0	-							30.8	M	65.76
OAKLAND 1 SE																											1.0	M	46.47
									T	0	5.4	5	3.6	4	.4	0			3.6	0							13.0	M	51.63
											M 5.0	4	3.0	-	M 1.0	1	3.0	0									12.0	M	52.80
									T	0	3.5	2			T	0											3.5	2	51.21
									T	0	6.7	5	3.1	2	.5	0	7.7	2									18.0	9	48.37
											2.0	0	M 1.0	-	.3	0	.1	0									3.4	M	41.08
									T	0	2.5	4	2.0	3			4.0	1									8.5	8	47.77
									T	0	3.5	5			T	0	4.0	0									7.5	M	52.07
									T	0	M 7.0	4	4.0	-	M 6.0	-											17.0	M	49.82
											-	-	M 2.0	3	5.0	5	M10.0	5									M 17.0	13	
																			2.7	7	T	0					69.3	64	51.36
																											M 11.0	M	
									T	0	5.8	-	M30.9	-	21.5	-	23.1	-	M12.2	-	T	0					93.5	M	55.10
DELAWARE																													
NORTHERN 01																													
SOUTHERN 02																													
GREENWOOD 2 NE											1.9	-	T	0	T	0	M .0	-									M 1.9	M	M 46.89

This page intentionally left blank.

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

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	83	88	87	85	94	93	99	95	91	85	83	84	87	91	90	79	85.3
	74	75	68	63	75	74	76	70	69	71	61	61	73	71	68	65	67.8
PRINCESS ANNE	90				94	94	97	99	95			89	87	91	96	95	M
	59				72	69	76	78	71			58	62	69	70	67	M
					60												
SALISBURY	87	90	90	85	93	93	99	98	91	88	83	86	86	91	95	93	88.0
	73	73	72	64	75	72	78	78	76	71	71	68	71	71	72	68	68.6
SALISBURY FAA ARPT	85	90	90	85	95	94	98	96	89	86	84	86	85	94	96	79	87.0
	73	72	64	60	76	71	77	76	70	69	64	59	70	69	70	64	65.8
SNOW HILL 4 N	86	90	89	84	94	93	98	97	92	85	83	85	84	92	94	91	86.9
	71	71	70	59	75	69	73	75	72	65	65	57	69	67	68	68	64.7
CENTRAL EASTERN SHORE 02																	
ROYAL OAK 2 SSW	91	90	88	87	93	93	97	93	91	87	85	87	90	93	95	89	88.2
	71	73	73	63	77	70	73	73	75	70	69	64	73	74	71	68	67.9
VIENNA	89	91	90	88	95	96	99	96	90	88	88	87	89	94	93	93	89.5
	73	71	70	65	76	72	78	76	73	62	62	74	72	76	74	67	67.4
LOWER SOUTHERN LA PLATA 1 W 03																	M
MECHANICSVILLE 5 NE	88	87	86	84	91	91	96	89	86	83	81	84	88	90	92	84	85.1
	67	71	70	61	72	68	72	73	71	69	67	62	67	69	69	68	65.8
UPPER SOUTHERN ANNAPOLIS POLICE BRKS 04																	
BALTIMORE WSO ARPT	90	91	89	89	96	98	100	96	94	88	84	82	96	97	95	93	90.0
	72	76	73	68	74	76	78	78	72	74	74	68	67	72	73	68	69.2
BELTSVILLE	91	92	90	88	92	97	99	94	90	87	85	87	89	94	93	84	88.2
	69	72	64	65	72	68	74	73	69	68	66	62	68	71	71	66	65.0
DALECARLIA RESERVOIR	85	90	91	88	88	92	96	96	92	89	86	82	86	91	92	96	87.9
	70	73	70	63	70	69	71	73	70	70	68	62	67	69	69	69	65.7
GLENN DALE BELL STN	93	92	91	89	95	97	97	96	91	88	84	86	92	94	97	94	90.7
	70	72	69	65	71	70	71	73	67	66	67	63	68	70	70	70	66.7
						86											
LAUREL 3 W	92	92	91	88	92	98	97	98	92	89	85	87	91	92	96	88	89.2
	67	71	67	61	70	67	70	70	67	68	67	60	65	68	67	60	63.5
NATIONAL ARBORETUM DC	92	93	89	91	93	96	97	93	91	90	84	87	95	96	96	84	89.5
	71	71	69	69	72	72	72	75	69	69	69	67	71	72	72	66	68.2
UPPER MARLBORO 3 NNW	90	94	94	92	93	97	100	101	96	93	90	88	90	94	96	100	91.6
										***	***						
	72	73	73	66	75	72	70	75	72	71	69	64	67	70	72	69	67.5
										***	***						
NORTHERN EASTERN SHORE 05																	
CHESTERTOWN	85	89	92	89	86	93	95	98	93	88	86	82	85	90	92	93	87.7
	69	69	71	62	66	69	70	72	70	69	69	62	64	68	69	68	64.9
NORTHERN CENTRAL 06																	
ABERDEEN PHILLIPS FIEL	92	92	90	89	91	96	97	93	90	88	84	88	91	94	95	82	88.3
	69	73	68	64	72	69	72	71	68	68	66	67	68	71	70	63	65.4

BALTIMORE CITY	71	73	71	67	73	67	74	73	69	67	69	60	73	71	72	67	66.8
			***	***						***	***						
CATOCTIN MOUNTAIN PARK	91	94	92	90	94	100	102	96	95	91	90	91	95	100	98	88	92.4
	75	79	75	75	77	77	82	80	76	77	75	74	76	81	77	67	74.1
CLARKSVILLE 3 NNE	82	84	81	86	85	88	86	84	81	80	78	80	83	84	84	76	81.7
	68	69	62	64	70	68	74	69	62	59	62	62	64	67	66	61	63.5
CONOWINGO DAM	91	89	89	89	90	97	97	95	90	86	86	86	91	92	94	89	87.8
	65	68	63	57	63	59	67	66	62	63	52	54	60	60	63	63	58.9
DAMASCUS 2 SSW	90	94	94	90	94	98	98	94	90	90	92	90	92	95	92	92	90.2
EMMITSBURG 2 SE	70	74	70	66	72	70	72	71	68	70	68	70	68	70	72	65	67.0
	86	87	84	86	87	91	92	89	85	85	79	82	89	89	89	79	83.7
FREDERICK POLICE BRKS	69	69	62	63	71	66	69	71	66	66	64	62	64	68	69	64	63.6
	86	87	88	87	87	91	95	91	88	82	82	84	87	89	88	84	85.4
MILLERS 4 NE	69	71	67	62	70	67	72	70	65	57	65	58	62	63	65	65	62.1
	88	90	88	87	88	94	94	90	85	85	85	88	91	90	83	85	86.9
ROCKVILLE 1 NE	71	73	72	67	72	71	72	74	69	66	63	65	68	72	66	66	66.7
WESTMINSTER POL BRKS	86	86	84	85	86	89	90	88	82	82	80	83	85	87	86	81	83.4
	68	70	66	60	70	67	73	70	63	61	63	61	64	65	67	63	62.8
	87	89	86	87	89	93	95	90	86	82	79	83	87	89	92	79	85.1
	71	75	69	67	73	72	72	73	71	70	68	66	69	72	70	67	67.4

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

DAILY TEMPERATURES (°F)

STATION	DAY OF MONTH																AVERAGE
	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
	66	69	69	68	64	68	74	69	64	61	59	60	60	60	67	61	62.8
WOODSTOCK	90	91	89	90	90	93	95	86	89	88	83	86	90	92	92	86	87.7
APPALACHIAN MOUNTAIN 07	68	71	67	63	70	65	70	72	65	66	66	60	65	66	69	65	63.4
CUMBERLAND 2	84	90	88	93	91	96	94	92	83	85	85	89	87	89	89	84	87.3
CUMBERLAND POLICE BRK	69	63	66	66	67	67	75	64	56	57	60	63	64	66	65	57	61.7
FROSTBURG 2	82	88	84	90	89	87	94	90	82	82	80	86	86	86	86	80	84.6
HAGERSTOWN POLICE BRK	68	69	61	63	69	77	77	69	62	53	59	57	59	62	65	63	61.5
SHARPSBURG 5 S	76	78	81	79	85	80	86	86	80	74	76	75	83	80	80	81	78.7
ALLEGHENY PLATEAU 08	67	66	56	57	62	65	66	66	59	52	52	56	55	62	64	59	57.8
OAKLAND 1 SE	86	89	87	88	89	94	94	93	87	84	83	85	88	91	90	82	86.2
SAVAGE RIVER DAM	70	71	67	65	72	66	69	71	67	57	67	63	65	64	69	67	63.8
	85	89	89	86	90	89	94	93	89	85	86	83	85	89	91	92	86.0
	68	69	61	61	65	64	64	69	62	58	58	61	62	62	63	67	60.5
DELAWARE																	
NORTHERN 01																	
NEWARK UNIVERSITY FARM																	M
WILMINGTON WSO ARPT	88	89	86	88	91	92	92	88	86	84	83	82	89	90	88	81	84.8
WILMINGTON PORTER RSVR	71	73	70	64	73	70	72	72	68	69	65	62	67	69	71	64	65.4
	88	91	87	89	90	93	91	89	86	85	83	83	88	91	89	80	85.2
SOUTHERN 02	71	75	72	68	74	71	73	71	70	69	68	64	72	72	72	63	67.5
DOVER	85	86	86	86	90	92	94	94	91	84	82	81	84	88	88	86	85.6
GREENWOOD 2 NE	68	72	73	65	71	70	71	72	70	70	67	63	67	70	70	64	66.5
	86	87	90	87	84	94	93	97	95	88	83	83	85	87	92	92	86.6
LEWES	68	69	71	62	66	70	71	72	72	70	67	60	62	69	70	70	65.0
	85	87	85	88	96	95	96	97	94	88	83	85	84	89	91	88	86.8
	72	72	75	65	77	73	77	77	75	73	71	65	73	73	74	68	69.3

MONTHLY AND SEASONAL HEATING DEGREE DAYS

STATION	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	TOTAL	SEASONAL NORM
MARYLAND														
SOUTHERN EASTERN SHORE 01														
ASSATEAGUE ISLAND	0	0	9	194	470	732	693	596	588	317B	130	8	B 3737	
PRINCESS ANNE	0	0	28B	233	496	740B		572		204			M 2273	4255
SALISBURY	0	0	17	232	495	717	638	572	537	210	62	6	3486	4027
SALISBURY FAA ARPT	0	0	37	249	496	746	668	586B	565	340	144	28	B 3859	4380
SNOW HILL 4 N	0	0	27	242	518	758	659	597	565	241	79	6	3692	4254
CENTRAL EASTERN SHORE 02														
ROYAL OAK 2 SSW	0	0	28	242	525	746	661	598	548	206	43	6	3603	4225
VIENNA	0	0	23	226	514	742	632	591	533	218	60	4	3543	4140
LOWER SOUTHERN 03														
LA PLATA 1 W	0	0	30	261	555	753	668	598	546	195B	47	20	B 3673	4339
MECHANICSVILLE 5 NE	0	1	47	309	589	805	699	644	589	238	69	27	4017	4463
UPPER SOUTHERN 04														
ANNAPOLIS POLICE BRKS	0	0	16	225	533	755	689	594	602	191	29	0	3634	4382
BALTIMORE WSO ARPT R	0	0	49	307	633	815	737	647	625	295	59	22	4189	4707
BELTSVILLE	0	0	44	291	573	794	747	660	632	270	64	20	4095	4999
DALECARLIA RESERVOIR	0	0	19	275	595	784	703	603	586	215	47	20	3847	4470
GLENN DALE BELL STN	0	0	45	312	670	840	757	635	570	273	67	33	4202	4639
LAUREL 3 W	0	0B	27	259	599	777	715	613	600	227	49	21	B 3887	4659
NATIONAL ARBORETUM DC	0	0	37	289	619	776	701	666	623	219	40	6	3976	4577
UPPER MARLBORO 3 NNW	0	0	54	306	615	807	727	665	640	290	72	23	4199	4887
NORTHERN EASTERN SHORE 05														
CHESTERTOWN	2	0	50	298	630	848	752	653	633	278	69	19	4232	4641
NORTHERN CENTRAL 06														
ABERDEEN PHILLIPS FIEL	0B	0B	43B	280B				582B	616B	231		14	M 1766	4616
BALTIMORE CITY R			4	160	451	609	558	483B	505B	132B	23B	1	M 2926	4068
CATOCTIN MOUNTAIN PARK	7	5	81	360	739	908	839	756	713	329	111	65	4913	
CLARKSVILLE 3 NNE	2	0	78	353	686	854	790	691	653	328	76	38	4549	
CONOWINGO DAM	0	0	36	251	632	823	764B	661B	633	220	34	5	B 4059	5247
DAMASCUS 2 SSW	3	8	84	375	708	907	819B	710	680	316	91	56	B 4757	
EMMITSBURG 2 SE	3	6	69	362	682	870	783	710	646	319	72	43	4565	5299
FREDERICK POLICE BRKS	2	0	45	282	623	800	737	660	614	260	49	20	4092	
MILLERS 4 NE	4	1	65	350	691	877	796	711	678	326	90	47	4636	
ROCKVILLE 1 NE	0	0	54	329	648	835	743	651	630	273	67	32	4262	5093
WESTMINSTER POL BRKS	5	3	55	277	667	833	785	700	659	302	87	47	4420	5206
WOODSTOCK	1	0	58	321	654	838	755	684	635	274	54	38	4312	4960
APPALACHIAN MOUNTAIN 07														
CUMBERLAND 2	0	1	62	357	716	897	815	707	642	291	54	41	4583	5036
CUMBERLAND POLICE BRK														
FROSTBURG 2	21	54	178	484	868	1022	955	876	838	450	161	105	M 3601	6012
HAGERSTOWN POLICE BRK														
SHARPSBURG 5 S						847	760	678	630	265	50		M 3230	
ALLEGHENY PLATEAU 08												55	M	
OAKLAND 1 SE	26	45	171	479	848	1037	932	851	794	441	164	89	5877	6553
SAVAGE RIVER DAM	15	41	164	447	822	983	926B	834	775		143	84	M 5234	6362
DELAWARE														
NORTHERN 01														
NEWARK UNIVERSITY FARM	2	0	52	282	635	816	737	653	621	256	56	14	4124	4825
WILMINGTON WSO ARPT R	2	0	71	324	635	844	775	667	645	317	89	27	4396	4937
WILMINGTON PORTER RSVR	3	0	56	297	618	826	739	641	631	288	77	23	4199	5110
SOUTHERN 02														
DOVER	0	0	33	260	561	763	679	622	599	265	89	10	3881	4337
GREENWOOD 2 NE	0	0	41	271	559	784	679	633	602	282			M 3851	
LEWES	0	0	3	204	499	711	634	605	568	224		5	M 3453	4341

This page intentionally left blank.

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	WIND	97	70	33	*	*	133	29	75	44	22	*	*	119	66	73
	EVAP	29	29	27	*	*	73	23	25	15	14	*	*	83	25	25
	MAX	89	86	92	-	-	92	85	85	71	87	-	-	89	88	88
	MIN	60	59	60	-	-	59	64	64	63	63	-	-	59	62	65

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	24	27	*	*	144	52	55	50	56	55	*	61	90	27	49	64	1515
	15	17	*	*	65	32	40	29	25	33	*	37	24	20	28	33	7.66
	86	90	-	-	92	89	93	95	89	89	-	82	86	91	93	93	88.3
	69	69	-	-	65	69	70	72	69	67	-	63	69	68	69	67	65.2

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)	
MARYLAND											
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	MID	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
BENSON POLICE BARRACKS	0732	06	HARFORD	39 30	76 23W	365	17	17		H	INACTIVE 03/01/95
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
COLLEGE PARK	1995	04	PRINCE GEORG	38 59	76 57W	90	09	09		C H	INACTIVE 04/01/96
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
INDIANHEAD	4609	03	CHARLES	38 36	77 9W	35	06	06		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
OWINGS FERRY LANDING	6770	03	CALVERT	38 41	76 40W	160	17	17		H	INACTIVE 02/28/98
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
TOWSON	8877	06	BALTIMORE	39 23	76 34W	390	18	18		H	INACTIVE 08/01/96
UNIONVILLE	9030	06	FREDERICK	39 27	77 11W	430	17	17		C H	INACTIVE 12/01/96
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
DELAWARE											
DOVER	2730	02	KENT	39 9	75 31W	30	17	17		H	STATE HIGHWAY DEPT
GEORGETOWN 5 SW	3570	02	SUSSEX	38 38	75 27W	45	08	08	08	C H	INACTIVE 06/01/97
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 R	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.

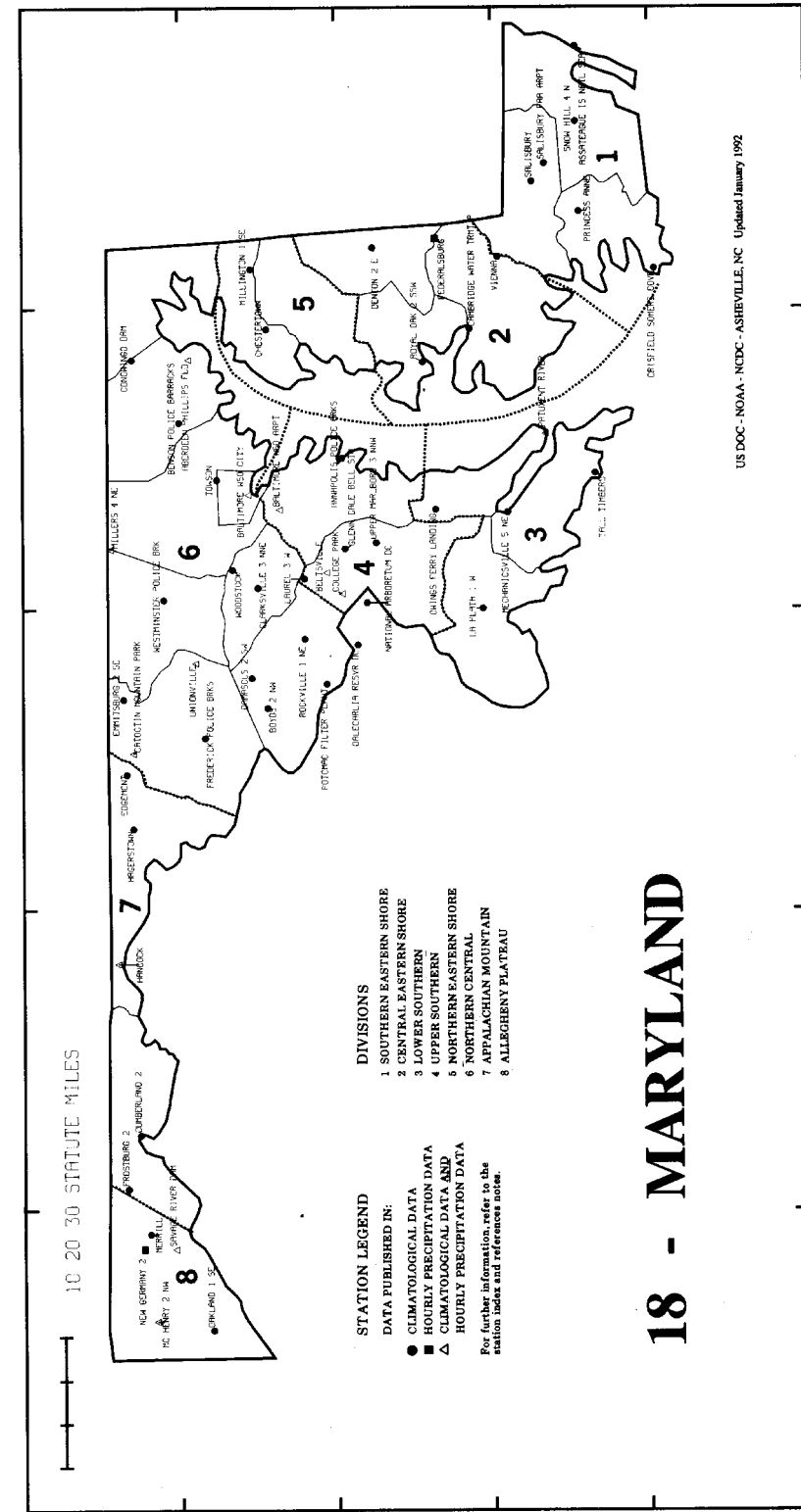
SUBSCRIPTION, PRICE, AND ORDERING INFORMATION AVAILABLE FROM:

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

40.0

39.0

38.0



40.0

39.0

36.0

-80.0

-77.0

-76.0

- 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

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

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: (704) 271-4800 (Voice)
(704) 271-4010 (TDD)
(704) 271-4876 (Fax)

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

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

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