

CLIMATOLOGICAL DATA

MARYLAND AND DELAWARE

JULY 1995

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TEMPERATURE AND PRECIPITATION EXTREMES

MARYLAND

HIGHEST TEMPERATURE	105	JULY 15	CONOWINGO DAM
LOWEST TEMPERATURE	46	JULY 9	OAKLAND 1 SE
GREATEST TOTAL PRECIPITATION	7.45		WESTMINSTER POL BRKS
LEAST TOTAL PRECIPITATION	1.01		SALISBURY
GREATEST 1 DAY PRECIPITATION	1.86	JULY 18	MILLERS 4 NE

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TEMPERATURE AND PRECIPITATION EXTREMES

DELAWARE

HIGHEST TEMPERATURE	101	JULY 15
LOWEST TEMPERATURE	55	JULY 3
GREATEST TOTAL PRECIPITATION	6.00	
LEAST TOTAL PRECIPITATION	2.59	
GREATEST 1 DAY PRECIPITATION	1.77	JULY 16

LEWES
NEWARK UNIVERSITY FARM
LEWES
DOVER
WILMINGTON PORTER RSVR

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MONTHLY STATION AND DIVISION SUMMARY

STATION	TEMPERATURE (°F)												NO. OF DAYS			
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	HEATING DEGREE DAYS	COOLING DEGREE DAYS	MAX		MIN			
											90 OR ABOVE	32 OR BELOW	32 OR BELOW	0 OR BELOW		
MARYLAND																
SOUTHERN EASTERN SHORE 01																
ASSATEAGUE IS NATL SEA	87.3	70.3	78.8		99	15	59	10	0	436	6	0	0	0		
PRINCESS ANNE	M	M	M													
SALISBURY	90.0	70.9	80.5	3.6	97	15	61	10+	0	487	20	0	0	0		
SALISBURY FAA ARPT	91.9	69.3	80.6	3.9	100	15	58	10	0	491	23	0	0	0		
SNOW HILL 4 N	89.7	67.6	78.7	2.9	98	15	55	10+	0	432	18	0	0	0		
--DIVISIONAL DATA----->			79.7	3.1												
CENTRAL EASTERN SHORE 02																
ROYAL OAK 2 SSW	90.0	71.7	80.9	3.4	98	15	57	9	0	501	18	0	0	0		
VIENNA	90.8	69.4	80.1	2.3	99	15	58	9	0	477	20	0	0	0		
--DIVISIONAL DATA----->			80.5	3.1												
LOWER SOUTHERN 03																
MECHANICSVILLE 5 NE	86.9	68.5	77.7	1.5	95	15	55	9	0	402	11	0	0	0		
OWINGS FERRY LANDING	87.9	68.6	78.3	2.2	96	15	55	9	0	419	14	0	0	0		
--DIVISIONAL DATA----->			78.0	1.4												
UPPER SOUTHERN 04																
ANNAPOLIS POLICE BRKS	90.5	71.5	81.0	3.4	101	16+	59	9	0	502	19	0	0	0		
BALTIMORE WSO ARPT R	91.7	71.3	81.5	4.5	102	15	58	9	0	520	21	0	0	0		
COLLEGE PARK	90.4	71.5	81.0	3.6	101	16	56	9	0	502	16	0	0	0		
DALECARLIA RESERVOIR	90.7	68.3	79.5	2.3	100	15	55	9	0	457	19	0	0	0		
GLENN DALE BELL STN	92.2	68.1	80.2	4.7	102	17	57	3	0	474	20	0	0	0		
LAUREL 3 W	91.1	69.7	80.4	3.4	101	15	57	9	0	485	20	0	0	0		
NATIONAL ARBORETUM DC	91.0	69.0	80.0	3.0	101	16	55	9	0	476	20	0	0	0		
UPPER MARLBORO 3 NNW	89.2	67.7	78.5	3.2	98	16	56	9	0	421	16	0	0	0		
--DIVISIONAL DATA----->			80.3	3.7												
NORTHERN EASTERN SHORE 05																
CHESTERTOWN	90.0	70.1	80.1	3.3	100	15	59	9	0	477	18	0	0	0		
MILLINGTON 1 SE	89.0	67.8	78.4	2.9	98	15	57	9	0	425	18	0	0	0		
--DIVISIONAL DATA----->			79.3	2.8												
NORTHERN CENTRAL 06																
ABERDEEN PHILLIPS FIEL	88.7	71.1	79.9	3.6	99	15	61	3	0	473	16	0	0	0		
BALTIMORE CITY R	M	M	M													
CATOCTIN MOUNTAIN PARK	83.7	65.6	74.7		95	15	51	9	3	311	3	0	0	0		
CONOWINGO DAM	91.9	70.4	81.2	6.1	105	15	60	3	0	507	21	0	0	0		
DAMASCUS 2 SSW	86.2	64.6	75.4		94	15	50	9	2	333	9	0	0	0		
EMMITSBURG 2 SE	86.0	65.1	75.6	1.5	96	15	53	9+	0	334	4	0	0	0		
FREDERICK POLICE BRKS	90.8	67.5	79.2		100	16	57	9	0	448	21	0	0	0		
MILLERS 4 NE	84.9	66.2	75.6		94	15	55	3	0	335	4	0	0	0		
ROCKVILLE 1 NE	87.5	69.4	78.5	3.8	97	15	56	9	0	424	11	0	0	0		
TOWSON	89.3	77.8M	83.6M	6.9	104	15	53	9	0	578	15	0	0	0		
UNIONVILLE	89.7	65.2	77.5	4.5	99	15	50	9	0	394	17	0	0	0		
WESTMINSTER POL BRKS	87.9	64.5	76.2	1.6	97	16+	50	9	2	356	11	0	0	0		
WOODSTOCK	89.1	67.1	78.1	2.7	99	15	54	9	0	412	16	0	0	0		
--DIVISIONAL DATA----->			78.0	2.8												
APPALACHIAN MOUNTAIN 07																
CUMBERLAND 2	88.5	63.8	76.2	1.1	100	15	52	8	0	351	11	0	0	0		
FROSTBURG 2	81.1	59.3	70.2		92	23+	48	10+	20	187	3	0	0	0		
HANCOCK	86.2	63.0	74.6	1.6	95	15	51	9+	0	304	8	0	0	0		
--DIVISIONAL DATA----->			73.7	.5												
ALLEGHENY PLATEAU 08																
OAKLAND 1 SE	81.4	58.5	70.0	2.3	94	15	46	9	12	173	1	0	0	0		
SAVAGE RIVER DAM	82.6	60.1	71.4	2.0	97	16	50	3	10	214	3	0	0	0		
--DIVISIONAL DATA----->			70.7	2.7												
DELAWARE																
NORTHERN 01																
NEWARK UNIVERSITY FARM	89.8	67.5	78.7	2.7	100	16+	55	3	0	431	19	0	0	0		
WILMINGTON WSO ARPT R	88.5	69.0	78.8	2.4	99	15	57	9	0	434	13	0	0	0		
WILMINGTON PORTER RSVR	87.0	69.9	78.5	3.3	99	15	58	9+	0	424	10	0	0	0		
--DIVISIONAL DATA----->			78.7	2.8												
SOUTHERN 02																
DOVER	88.4	69.8	79.1	1.9	100	15	59	10	0	445	16	0	0	0		
GEORGETOWN 5 SW	M	M	M													
GREENWOOD 2 NE	88.4	68.2	78.3		100	15	57	10+	0	422	13	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 IS NATL SEA	1.40		.92	11	.0	0		4	1	0
PRINCESS ANNE					M	M				
SALISBURY	1.01	-3.01	.38	11	.0	0		4	0	0
SALISBURY FAA ARPT	1.30	-3.03	.33	11	T	T		5	0	0
SNOW HILL 4 N	2.37	-1.73	1.20	22	.0	0		6	1	1
--DIVISIONAL DATA----->	1.52	-2.53			.0					
CENTRAL EASTERN SHORE 02										
ROYAL OAK 2 SSW	4.42	.46	1.13	18	.0	0		7	4	1
VIENNA	2.31	-1.67	1.00	2	.0	0		6	1	1
--DIVISIONAL DATA----->	3.37	-.57			.0					
LOWER SOUTHERN 03										
MECHANICSVILLE 5 NE	3.59	-.63	1.34	11	.0	0		9	2	1
OWINGS FERRY LANDING	3.94	.21	1.05	22	.0	0		8	3	1
--DIVISIONAL DATA----->	3.77	-.19			.0					
UPPER SOUTHERN 04										
ANNAPOLIS POLICE BRKS	2.58	-1.00	.74	29	.0	0		8	1	0
BALTIMORE WSO ARPT R	3.65	-.04	1.65	1	.0	0		6	3	1
COLLEGE PARK	3.16	-.84	1.09	8	.0	0		4	3	1
DALECARLIA RESERVOIR	4.08	.19	1.15	17	.0	0		8	4	1
GLENN DALE BELL STN	2.65	-1.51	.61	1	.0	0		8	2	0
LAUREL 3 W	1.35	-2.63	.49	6	.0	0		5	0	0
NATIONAL ARBORETUM DC	3.79	-.59	.93	22	.0	0		9	3	0
UPPER MARLBORO 3 NNW	5.04	1.02	1.70	5	.0	0		10	3	1
--DIVISIONAL DATA----->	3.29	-.72			.0					
NORTHERN EASTERN SHORE 05										
CHESTERTOWN	1.38	-2.32	.33	24	.0	0		6	0	0
MILLINGTON 1 SE	2.41	-1.38	.53	29	.0	0		7	1	0
--DIVISIONAL DATA----->	1.90	-1.90			.0					
NORTHERN CENTRAL 06										
ABERDEEN PHILLIPS FIEL R	3.65	-.31			.0	0		5	1	0
BALTIMORE CITY					M	M				
CATOCTIN MOUNTAIN PARK	1.60		.31	28	.0	0		7	0	0
CONOWINGO DAM	1.83	-2.41	.43	2	.0	0		6	0	0
DAMASCUS 2 SSW	2.58		.88	6	.0	0		4	3	0
EMMITSBURG 2 SE M	3.89				.0	0		4	1	0
FREDERICK POLICE BRKS	1.97		.65	1	.0	0		6	1	0
MILLERS 4 NE	5.80		1.86	18	.0	0		8	4	2
ROCKVILLE 1 NE	3.24	-.47	1.05	6	.0	0		6	3	1
TOWSON	2.82	-1.38	.92	1	.0	0		5	2	0
UNIONVILLE	4.63	1.27	1.18	7	.0	0		8	5	1
WESTMINSTER POL BRKS	7.45	3.64			.0	0		5	2	1
WOODSTOCK	4.51	1.06	1.60	6	.0	0		8	2	2
--DIVISIONAL DATA----->	3.64	-.16			.0					
APPALACHIAN MOUNTAIN 07										
CUMBERLAND 2	3.91	.54	1.37	18	.0	0		7	4	1
FROSTBURG 2	1.50		.71	18	.0	0		5	1	0
HANCOCK	4.50	.83	1.61	7	.0	0		7	3	1
--DIVISIONAL DATA----->	3.30	-.24			.0					
ALLEGHENY PLATEAU 08										
OAKLAND 1 SE	3.38	-1.74	1.31	16	.0	0		6	2	1
SAVAGE RIVER DAM	2.31	-1.90	.91	29	.0	0		6	1	0
--DIVISIONAL DATA----->	2.85	-2.01			.0					
DELAWARE										
NORTHERN 01										
NEWARK UNIVERSITY FARM	2.71	-1.81	.83	16	.0	0		6	2	0
WILMINGTON WSO ARPT R	2.89	-1.34	1.36	16	.0	0		6	1	1
WILMINGTON PORTER RSVR	4.36	-.03	1.77	16	.0	0		11	3	1
--DIVISIONAL DATA----->	3.32	-.90			.0					
SOUTHERN 02										
DOVER	2.59	-1.56	.93	25	.0	0		7	2	0
GEORGETOWN 5 SW					M	M				
GREENWOOD 2 NE	3.22		1.05	18	.0	0		7	2	1

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
LEWES --DIVISIONAL DATA----->	89.0	71.0	80.0 79.1	4.1 2.7	101	15	60	9	0	473	18	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
LEWES	6.00	2.02	1.74	18	.0	0		8	3	3
--DIVISIONAL DATA----->	3.94	.05			.0					

MARYLAND AND DELAWARE
JULY 1995

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 IS NATL SEA PRINCESS ANNE M	1.40	.04	.03	-	-	-	-	.01	-	-	-	.92	-	-	-	-
SALISBURY	1.01		.23		T	.01		T				.38				
SALISBURY FAA ARPT	1.30	.12	.07		.04			T			T	.33				
SNOW HILL 4 N	2.37		.22			T		.18				.36				
CENTRAL EASTERN SHORE 02																
ROYAL OAK 2 SSW	4.42	.04	.64		T			T	.02		.08	.30				
VIENNA	2.31		1.00									.37				
LOWER SOUTHERN 03																
MECHANICSVILLE 5 NE	3.59	.20	T		.30		.30	T	.89		.12	1.34				
OWINGS FERRY LANDING	3.94				.81	T		.32	.33		.13	.58				
UPPER SOUTHERN 04																
ANNAPOLIS POLICE BRKS	2.58	.41	.13		.46	.10		.16				.29	.05			
BALTIMORE WSO ARPT R	3.65	1.65			.33	T	.20	.04			.10	.03				
COLLEGE PARK	3.16			.38		.70		.78	1.09		.07		.02			
DALECARLIA RESERVOIR	4.08	.77	.05		.02	.57		.70			.20	.17				
GLENN DALE BELL STN	2.65	.61	.18		.30	.14		.52			.24	.04				
LAUREL 3 W	1.35	.15			.40		.49	.18			.10	.02				
NATIONAL ARBORETUM DC	3.79		.63	.01		.13		.86	.18		.18	.09				
UPPER MARLBORO 3 NNW	5.04	*	1.12			1.70		.57	.61		.13	.16				
NORTHERN EASTERN SHORE 05																
CHESTERTOWN	1.38	.06			.18		T	.09			.11	.05				
MILLINGTON 1 SE	2.41				*	.15		.48			.15	.39				
NORTHERN CENTRAL 06																
ABERDEEN PHILLIPS FIEL R	3.65	*	*	.09	*	1.22		.49	*	*	.01	.87				
BALTIMORE CITY M	1.60															
CATOCTIN MOUNTAIN PARK	1.83	.30						.26				.30				
CONOWINGO DAM	2.58		.43			.27		.31	.03							
DAMASCUS 2 SSW	3.89				.03		.88	.81				.60				
EMMITSBURG 2 SE M	1.97	.45			T		*	2.25								
FREDERICK POLICE BRKS	5.80	.65	.02		.02	.22		.45		.03		.31				
MILLERS 4 NE	2.34	.07	.03		.65	.12	.93	1.28			.02	.14				
POTOMAC FILTER PLANT	3.24	.20			.68		.52	.47			.10	.25				
ROCKVILLE 1 NE	3.24	.37			.86		1.05	.57			.10	.15				
TOWSON	2.82	.92			*	.15	.45	*	.03	.03	.07	.12				
UNIONVILLE	4.63	.86	.03		.08		.56	1.18				.17				
WESTMINSTER POL BRKS	7.45	.27	.32		*	2.21	*	2.01	.01			1.90				
WOODSTOCK	4.51	1.34	.04		.12	.07	1.60	.26			.12	.05				
APPALACHIAN MOUNTAIN 07																
CUMBERLAND 2	3.91	.88	.08				.11	.11				.54				
EDGEMONT M	1.50	.31	.01													
FROSTBURG 2	4.50	.39	.45			T	.11	.03		T	T	.02				
HANCOCK								1.61				.21				
ALLEGHENY PLATEAU 08																
MERRILL	3.97	.40	.20					.30				.30				
OAKLAND 1 SE	3.38	.43	.15		T			.02	.25							
SAVAGE RIVER DAM	2.31	.29	.06			.05	.31	.04								
DELAWARE																
NORTHERN 01																
NEWARK UNIVERSITY FARM	2.71		.05			.13		.46				.21				
WILMINGTON WSO ARPT R	2.89	.03			.09	T	.28	.17			T	.20				
WILMINGTON PORTER RSVR	4.36	.50			.11		.06	.23				.18	.17			
SOUTHERN 02																
DOVER	2.59	.25	T					.61	T			.10				
GEORGETOWN 5 SW M	3.22	.24	.18													
GREENWOOD 2 NE	6.00	1.72	1.28	T				.03	.09		.01	.08	T			
LEWES								.04	.14			.28				

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 IS NATL SEA		.15	.11			.14										
PRINCESS ANNE	-															
SALISBURY		.02		.10						.05			.22			
SALISBURY FAA ARPT			.26			.05	.20		T			.23				
SNOW HILL 4 N		.12		.22			1.20			.07						
CENTRAL EASTERN SHORE 02																
ROYAL OAK 2 SSW			1.13			T	.22	T		.77			.31		.91	
VIENNA	.37	.27	.01			.10	.04			.15						
LOWER SOUTHERN MECHANICSVILLE 5 NE 03			.02			.12	T			.14			.16			
OWINGS FERRY LANDING				.05		T	1.05			T			.22		.45	
UPPER SOUTHERN ANNAPOLIS POLICE BRKS 04							.02			.09			.13	.74		
BALTIMORE WSO ARPT R		T				T	.70		.54			.05	.01			
COLLEGE PARK											.03				.09	
DALECARLIA RESERVOIR		1.15	.03					.09		.12			.13	.08		
GLENN DALE BELL STN			.41				.03			.05			.13			
LAUREL 3 W										.01						
NATIONAL ARBORETUM DC			T				.93	.43	.01	.14			.19	.01		
UPPER MARLBORO 3 NNW							.21	.02		.11			.13	.13	.15	
NORTHERN EASTERN SHORE 05																
CHESTERTOWN		.11				T	.09			.33			.13	.23		
MILLINGTON 1 SE						.10	.33				.04		.04	.53	.20	
NORTHERN CENTRAL ABERDEEN PHILLIPS FIEL R	.39		.01			.16					.03		.34	.04		
BALTIMORE CITY																
CATCOTIN MOUNTAIN PARK	.10	.01	.17					T	.14				.31	.01		
CONOWINGO DAM	.24		.21						.07					.27		
DAMASCUS 2 SSW		.25								T			.01			
EMMITSBURG 2 SE	.07		.10			.25		.05	.05				T	.67		
FREDERICK POLICE BRKS			.14											.13		
MILLERS 4 NE	.02		1.86			.20	.41	.02	T				T	.05		
POTOMAC FILTER PLANT		.07							.02				.03			
ROCKVILLE 1 NE		.06				T	T	T	.01				.05	T		
TOWSON	.30	*	.01				.71							.03		
UNIONVILLE	.11	.65						T	.73				.26			
WESTMINSTER POL BRKS			.55						.15	.02			.01			
WOODSTOCK			.28					T	.40				.14	.09		
APPALACHIAN MOUNTAIN 07																
CUMBERLAND 2	.63		1.37					.02					.02		.15	
EDGE MONT																
FROSTBURG 2	.13	T	.71					.03	T		T		T	.12		
HANCOCK	.84		.90											.10		
ALLEGHENY PLATEAU 08																
MERRILL	.10	.39	.90				.10				.05		.03	1.20		
OAKLAND 1 SE	1.31	.86	.08				.09	.03		T	.13		T	.03		
SAVAGE RIVER DAM	.10	.04	.35				.05	T			.10	T	T	.91	.01	
DELAWARE																
NORTHERN NEWARK UNIVERSITY FARM 01						.08				.03			.56			
WILMINGTON WSO ARPT R	1.36	.49				.01	T	T	.02			.06	.18			
WILMINGTON PORTER RSVR	1.77		.74			.12	.10		.07				.12	.19		
SOUTHERN DOVER 02			.20							.93			.13		T	
GEORGETOWN 5 SW																
GREENWOOD 2 NE		.03	1.05			T	.12	.85	.42	.10			.02			
LEWES			1.74				.29	.39	T	.12						

MARYLAND AND DELAWARE
JULY 1995

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																											
ASSATEAGUE IS NATL SEA																											
SALISBURY																											
SALISBURY FAA ARPT																											
SNOW HILL 4 N																											
CENTRAL EASTERN SHORE 02																											
ROYAL OAK 2 SSW																											
VIENNA																											
LOWER SOUTHERN 03																											
MECHANICSVILLE 5 NE																											
OWINGS FERRY LANDING																											
UPPER SOUTHERN 04																											
ANNAPOLIS POLICE BRKS																											
BALTIMORE WSO ARPT																											
COLLEGE PARK																											
DALECARLIA RESERVOIR																											
GLENN DALE BELL STN																											
LAUREL 3 W																											
NATIONAL ARBORETUM DC																											
NORTHERN EASTERN SHORE 05																											
CHESTERTOWN																											
NORTHERN CENTRAL 06																											
ABERDEEN PHILLIPS FIEL																											
CATOCTIN MOUNTAIN PARK																											
CONOWINGO DAM																											
DAMASCUS 2 SSW																											
EMMITSBURG 2 SE																											
FREDERICK POLICE BRKS																											
MILLERS 4 NE																											
ROCKVILLE 1 NE																											
WESTMINSTER POL BRKS																											
WOODSTOCK																											
APPALACHIAN MOUNTAIN 07																											
CUMBERLAND 2																											
EDGEMONT																											
FROSTBURG 2																											
ALLEGHENY PLATEAU 08																											
MERRILL																											
OAKLAND 1 SE																											
SAVAGE RIVER DAM																											
DELAWARE																											
NORTHERN 01																											
NEWARK UNIVERSITY FARM																											
WILMINGTON WSO ARPT																											
WILMINGTON PORTER RSVR																											
SOUTHERN 02																											
DOVER																											

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	
GREENWOOD 2 NE									7	0			1.5	1	1.0	0										2.5	40.00

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 IS NATL SEA	07	MAX MIN	83 70	82 66	78 64	83 70	85 71	84 71	85 72	90 68	84 61	84 59	88 65	85 67	86 70	93 72	99 77	
PRINCESS ANNE	17	MAX MIN																
SALISBURY	17	MAX MIN	88 67	85 70	80 64	83 66	87 69	87 70	84 70	88 70	85 61	84 61	86 65	90 67	90 69	91 73	97 79	
SALISBURY FAA ARPT	MID	MAX MIN	90 66	84 67	84 64	86 64	89 67	89 68	84 68	90 65	82 59	86 58	90 66	92 64	93 67	94 73	100 79	
SNOW HILL 4 N	17	MAX MIN	88 62	83 69	83 60	84 61	87 69	85 65	84 67	87 66	85 55	82 55	87 61	88 60	89 62	93 70	98 76	
CENTRAL EASTERN SHORE																		
ROYAL OAK 2 SSW	02	18	MAX MIN	88 72	82 71	82 64	88 65	89 69	89 73	84 72	87 69	82 57	85 62	86 67	89 66	91 73	94 77	98 80
VIENNA	18	MAX OBS MIN OBS	88 68	85 68	84 62	85 66	88 69	88 69	87 68	87 68	87 58	86 61	86 64	87 65	90 70	91 73	94 77	
LOWER SOUTHERN																		
MECHANICSVILLE 5 NE	03	19	MAX MIN	86 69	80 67	78 60	81 65	84 68	86 70	83 68	82 66	78 55	80 60	84 63	86 65	88 68	91 71	95 76
OWINGS FERRY LANDING	17	MAX MIN	85 70	81 69	79 61	84 63	85 68	86 71	83 68	84 66	81 55	82 61	85 63	88 64	88 69	92 72	96 76	
UPPER SOUTHERN																		
ANNAPOLIS POLICE BRKS	04	17	MAX MIN	84 70	84 69	84 65	82 67	85 68	88 74	86 70	84 70	82 59	82 68	85 66	82 68	92 68	96 76	101 80
BALTIMORE WSO ARPT	MID	MAX MIN	90 70	85 70	84 64	83 68	88 72	89 70	89 70	85 66	82 58	86 66	89 66	92 68	94 71	98 75	102 79	
COLLEGE PARK	09	MAX OBS	85 73	87 70	85 62	85 71	85 71	86 74	89 70	86 67	83 56	81 63	84 68	88 67	90 71	91 77	97 79	
DALECARLIA RESERVOIR	17	MAX MIN	87 69	82 66	83 58	86 62	89 68	88 73	87 67	87 65	79 55	86 63	88 64	90 65	92 70	96 73	100 75	
GLENN DALE BELL STN	16	MAX MIN	88 66	86 68	84 57	82 62	87 68	85 66	89 68	84 66	84 64	84 60	88 66	92 64	94 68	98 74	98 69	
LAUREL 3 W	07	MAX MIN	87 69	83 67	82 60	86 65	89 69	89 69	89 67	83 65	81 57	85 64	87 65	91 69	93 70	97 72	101 79	
NATIONAL ARBORETUM DC	07	MAX MIN	88 69	87 68	85 63	84 62	88 69	90 71	92 67	88 65	84 55	81 62	86 65	87 65	92 67	93 74	98 78	
UPPER MARLBORO 3 NNW	08	MAX MIN	84 68	87 69	82 60	80 62	83 68	84 70	88 68	85 67	82 56	82 59	79 64	82 64	86 66	88 71	89 73	
NORTHERN EASTERN SHORE																		
CHESTERTOWN	05	23	MAX MIN	87 70	83 70	82 61	82 65	88 69	90 71	85 70	84 65	78 59	85 64	86 66	91 66	91 72	95 74	100 78
MILLINGTON 1 SE	18	MAX MIN	86 67	82 67	79 58	81 61	86 67	87 70	85 68	85 68	80 57	83 59	82 65	88 63	89 69	92 71	98 76	
NORTHERN CENTRAL																		
ABERDEEN PHILLIPS FIEL	06	16	MAX OBS MIN OBS	86 *** 71 ***	83 *** 72 ***	77 61	82 64	85 72	88 73	88 72	85 ***	80 ***	82 65	85 65	85 66	88 73	93 76	99 79
BALTIMORE CITY	MID	MAX MIN																
CATOCTIN MOUNTAIN PARK	17	MAX MIN	80 65	77 60	75 52	78 62	79 67	83 64	83 64	75 62	75 51	81 61	81 61	83 64	88 68	92 70	95 76	
CONOWINGO DAM	MID	MAX MIN	88 70	88 70	88 60	84 61	84 70	86 74	88 68	90 68	89 68	84 62	88 64	89 72	93 70	96 78	102 74	105 74
DAMASCUS 2 SSW	22	MAX MIN	81 68	79 62	80 53	84 62	84 68	88 70	83 66	78 58	83 50	76 58	81 61	83 61	85 66	88 68	91 71	94 71
EMMITSBURG 2 SE	17	MAX MIN	82 60	80 65	78 53	82 60	83 71	87 69	83 68	79 60	76 53	81 62	83 61	85 60	89 65	93 65	96 75	
FREDERICK POLICE BRKS	17	MAX MIN	85 58	87 58	84 59	83 64	85 71	90 72	89 68	87 62	80 57	85 64	86 64	90 66	92 71	95 73	99 82	
MILLERS 4 NE	18	MAX MIN	80 69	78 65	77 55	79 60	83 69	85 68	81 66	77 62	76 57	81 62	83 61	86 63	89 67	93 70	94 76	
ROCKVILLE 1 NE	MID	MAX MIN	81 71	80 68	80 61	83 67	85 71	88 69	84 68	79 63	79 56	83 63	85 64	88 65	91 71	93 74	97 78	
TOWSON	18	MAX OBS MIN OBS	85 75	82 74	80 72	81 71	85 77	86 77	85 74	77 74	86 74	79 53	82 76	85 75	90 80	100 80	104 85	
UNIONVILLE	17	MAX MIN	86 68	83 63	80 54	85 62	89 76	90 68	87 67	81 60	80 50	88 60	88 63	89 60	94 65	97 70	99 71	
WESTMINSTER POL BRKS	17	MAX	86	84	80	83	86	89	83	82	76	83	83	87	91	94	97	

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 IS NATL SEA	89	88	92	88	88	88	89	89	92	89	88	87	85	85	93	88	87.3
	75	75	74	69	67	72	72	73	74	76	75	74	72	71	69	67	70.3
PRINCESS ANNE																	M
																	M
SALISBURY	94	93	91	91	91	91	94	94	94	91	91	95	92	92	96	94	90.0
	76	72	76	70	67	76	72	74	76	74	76	75	73	77	76	67	70.9
SALISBURY FAA ARPT	92	96	94	93	94	95	90	96	96	95	95	98	94	95	97	96	91.9
	75	74	74	69	64	74	73	70	74	73	77	73	73	76	70	65	69.3
SNOW HILL 4 N	95	93	92	91	90	93	91	92	91	92	91	94	92	93	95	92	89.7
	76	74	75	68	62	75	71	69	72	72	76	71	73	73	72	60	67.6
CENTRAL EASTERN SHORE 02																	
ROYAL OAK 2 SSW	96	94	92	90	91	92	89	94	95	91	91	94	92	93	92	91	90.0
	77	73	73	75	67	79	73	73	74	73	80	77	74	80	72	66	71.7
VIENNA	93	93	92	93	93	90	93	94	92	93	95	92	95	94	95	94	90.8

	71	71	72	67	75	72	69	73	72	78	76	71	77	73	64	64	69.4

LOWER SOUTHERN 03																	
MECHANICSVILLE 5 NE	88	91	89	86	88	90	86	91	92	91	89	92	87	91	91	91	86.9
	76	71	71	68	64	74	70	72	71	70	74	72	70	76	70	64	68.5
OWINGS FERRY LANDING	95	91	91	90	88	91	85	92	92	90	90	91	89	91	91	89	87.9
	75	71	72	67	65	73	70	71	72	70	74	71	70	76	70	64	68.6
UPPER SOUTHERN 04																	
ANNAPOLIS POLICE BRKS	101	92	94	94	92	92	90	96	96	94	93	94	96	98	96	92	90.5
	78	76	74	70	68	78	74	65	76	72	78	76	74	77	71	70	71.5
BALTIMORE WSO ARPT	92	96	94	91	93	93	91	95	96	95	93	97	93	97	96	95	91.7
	77	75	73	69	68	77	72	72	74	73	77	75	74	78	74	68	71.3
COLLEGE PARK	101	89	94	92	88	93	92	88	95	97	96	94	97	92	97	96	90.4
	77	76	74	68	67	76	72	72	74	73	78	74	76	80	74	67	71.5
DALECARLIA RESERVOIR	98	95	94	90	91	92	89	93	95	94	93	95	92	94	94	94	90.7
	75	74	71	66	66	65	65	71	72	72	72	72	72	72	70	68	68.3
GLENN DALE BELL STN	100	102	96	94	94	92	92	92	96	97	96	98	96	94	97	98	92.2
	65	78	72	66	62	72	71	68	72	70	72	70	74	75	74	64	68.1
LAUREL 3 W	90	96	93	90	93	93	92	95	95	96	93	94	93	97	95	97	91.1
	75	73	71	70	69	75	70	70	73	71	74	74	72	76	74	68	69.7
NATIONAL ARBORETUM DC	101	91	95	94	90	93	93	89	94	96	94	92	95	91	95	96	91.0
	75	73	71	69	66	74	71	72	72	71	75	73	72	74	71	61	69.0
UPPER MARLBORO 3 NNW	98	89	94	94	90	90	93	90	96	96	93	94	95	92	93	94	89.2
	75	73	71	66	65	66	69	69	70	70	71	71	71	71	71	65	67.7
NORTHERN EASTERN SHORE 05																	
CHESTERTOWN	92	94	93	89	92	89	87	94	97	95	92	94	92	94	93	95	90.0
	74	71	72	72	66	76	72	70	71	71	77	75	73	78	71	65	70.1
MILLINGTON 1 SE	96	93	91	91	91	91	91	91	93	93	92	95	92	92	91	92	89.0
	74	71	71	66	62	62	71	69	70	71	76	72	73	76	70	63	67.8
NORTHERN CENTRAL 06																	
ABERDEEN PHILLIPS FIEL	98	91	91	91	89	89	90	91	92	92	92	92	90	94	90	93	88.7
							***							***			
	73	73	72	69	67	73	73	72	71	71	77	72	75	79	77	65	71.1

BALTIMORE CITY																	M
																	M
CATOCTIN MOUNTAIN PARK	90	87	86	81	85	83	81	85	83	88	89	89	84	87	86	87	83.7
	65	71	67	63	64	70	67	70	69	69	68	70	68	69	68	68	65.6
CONOWINGO DAM	92	92	94	92	92	92	91	96	92	94	93	97	91	96	95	97	91.9
	72	72	72	68	66	72	75	72	71	74	78	74	75	75	70	72	70.4
DAMASCUS 2 SSW	88	89	87	83	87	88	86	90	89	91	86	91	91	90	91	91	86.2
	71	69	66	59	65	67	66	67	65	68	69	67	69	70	64	60	64.6
EMMITSBURG 2 SE	95	88	87	86	85	85	85	88	87	88	88	91	88	89	89	89	86.0
	71	72	68	62	62	67	67	68	65	67	67	67	71	73	64	60	65.1
FREDERICK POLICE BRKS	100	93	92	91	90	91	90	93	95	93	94	96	97	95	94	95	90.8
	72	65	60	60	65	71	71	71	72	71	72	72	74	73	71	65	67.5
MILLERS 4 NE	93	88	85	84	84	83	84	87	86	88	87	90	87	88	86	89	84.9
	70	71	67	65	62	67	66	70	66	68	72	69	71	72	67	59	66.2
ROCKVILLE 1 NE	89	92	89	84	87	89	86	91	91	93	89	92	89	91	92	92	87.5
	74	72	71	68	66	75	70	70	72	72	73	72	73	76	73	66	69.4
TOWSON	97	95	99	87	89	89	89	89	95	93	90	94	96	91	92	92	89.3
		***							***								
	80	83	81	79	81	81	79	69		83	82	80	78	88	84	81	77.8

UNIONVILLE	98	94	90	87	90	89	88	93	91	93	90	95	91	92	93	92	89.7
	70	70	67	60	61	68	67	67	65	68	70	67	71	71	63	59	65.2
WESTMINSTER POL BRKS	97	91	92	88	87	88	84	89	89	92	92	93	89	90	89	91	87.9

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	OBS						***										
		MIN	65	60	52	51	64	65	61	60	50	59	56	60	65	67	72	
		OBS																
		MAX	83	81	82	81	86	89	84	80	80	85	86	89	91	96	99	
APPALACHIAN MOUNTAIN CUMBERLAND 2	07	MIN	69	66	56	62	70	69	68	63	54	61	65	63	67	70	74	
		OBS																
		MAX	82	81	79	83	86	85	87	84	82	84	87	91	93	97	100	
		MIN	58	53	53	63	69	67	60	52	53	60	62	63	65	75	69	
FROSTBURG 2	07	MAX	77	75	72	72	76	79	82	79	66	74	77	79	83	85	88	
		OBS																
		MIN	63	54	50	49	59	63	64	57	48	48	57	58	59	61	65	
		MAX	83	79	79	78	84	88	85	77	79	86	86	87	90	94	95	
HANCOCK	08	OBS			***													
		MIN	63	59	51	58	59	67	65	57	51	57	61	60	62	68	71	
		OBS			***													
		MAX	59	51	***	59	67	65	57	51	57	61	60	62	68	71	62	
ALLEGHENY PLATEAU OAKLAND 1 SE	08	MIN	70	73	75	79	81	81	79	78	74	79	79	83	88	87	94	
		OBS																
		MAX	63	50	47	55	58	58	61	55	46	57	58	54	56	63	67	
		MIN	75	76	74	74	77	80	82	80	70	77	83	82	85	89	92	
SAVAGE RIVER DAM	08	MAX	63	54	50	51	60	64	63	58	51	51	59	59	61	68		
		OBS																
		MIN	75	76	74	74	77	80	82	80	70	77	83	82	85	89	92	
		MAX	63	54	50	51	60	64	63	58	51	51	59	59	61	68		
DELAWARE NORTHERN NEWARK UNIVERSITY FARM	01	MAX	88	82	82	83	87	86	85	84	76	85	85	90	93	96	100	
		OBS																
		MIN	67	69	55	58	67	69	67	67	58	58	63	63	69	72	77	
		MAX	85	84	83	83	86	85	81	84	76	85	86	89	92	95	99	
WILMINGTON WSO ARPT	MID	MIN	70	63	58	62	70	69	68	61	57	61	65	67	71	72	78	
		OBS																
		MAX	84	80	79	82	86	85	78	83	73	83	84	87	90	96	99	
		MIN	68	68	58	63	69	69	68	63	58	61	64	66	72	73	78	
WILMINGTON PORTER RSVR	MID	OBS	54															
		MIN	82	83	78	76	84	86	86	85	85	84	84	86	91	94	100	
		OBS																
		MAX	67	67	61	67	65	70	67	71	60	59	68	67	71	73	79	
SOUTHERN DOVER GEORGETOWN 5 SW	02	MAX	81	82	80	83	86	86	82	84	86	78	86	89	90	94	100	
		OBS																
		MIN	66	65	61	62	67	69	65	69	57	57	65	63	68	72	77	
		MAX	86	80	76	82	87	86	84	85	84	81	80	86	91	94	101	
GREENWOOD 2 NE LEWES	17	MIN	68	69	66	65	69	71	69	69	60	62	69	67	70	74	79	
		OBS																
		MAX	86	80	76	82	87	86	84	85	84	81	80	86	91	94	101	
		MIN	68	69	66	65	69	71	69	69	60	62	69	67	70	74	79	

DAILY TEMPERATURES (°F)

STATION	DAY OF MONTH																AVERAGE
	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
WOODSTOCK	71	71	66	67	64	68	67	69	68	67	71	69	71	72	69	64	64.5
		89	***														
	97	94	91	89	90	89	88	93	92	93	92	93	90	92	93	94	89.1
APPALACHIAN MOUNTAIN CUMBERLAND 2 07	74	73	69	62	63	70	68	69	68	69	72	69	72	74	68	63	67.1
	97	89	87	86	88	86	89	90	87	91	89	93	89	92	94	94	88.5
FROSTBURG 2	69	69	62	57	60	70	68	68	67	67	68	68	69	64	65	66	63.8
	92	85	82	81	78	91	81	92	82	82	84	81	86	84	83	85	81.1
HANCOCK				91													
	64	63	63	59	54	54	54	55	64	65	65	65	65	64	64	64	59.3
ALLEGHENY PLATEAU OAKLAND 1 SE 08	88	88	88	85	87	84	86	89	84	90	87	90	86	90	90	90	86.2
	62	69	68	58	58	60	68	68	66	68	65	67	67	71	64	65	63.0
SAVAGE RIVER DAM	69	68	58	58	60	68	68	66	68	65	67	67	71	64	65	65	
	84	83	79	77	82	82	80	81	80	84	84	86	85	83	86	87	81.4
DELAWARE NORTHERN NEWARK UNIVERSITY FARM 01	59	63	63	54	48	61	67	60	62	62	65	60	61	65	59	57	58.5
	97	88	85	82	78	86	81	83	85	82	87	83	90	86	84	89	82.6
WILMINGTON WSO ARPT	65	65	66	57	53	54	64	63	65	63	64	63	64	64	61	61	60.1
	100	93	90	90	90	89	90	92	92	94	94	97	90	94	92	94	89.8
WILMINGTON PORTER RSVR	69	71	70	65	62	68	68	73	68	71	75	71	69	77	73	62	67.5
	87	90	90	87	88	87	88	91	88	92	94	97	91	93	92	94	88.5
SOUTHERN DOVER 02	71	72	72	68	65	73	71	75	71	73	78	72	71	77	70	67	69.0
	87	91	88	86	89	86	88	90	89	91	90	94	88	91	89	92	87.0
GEORGETOWN 5 SW	72	71	72	69	67	70	71	74	74	74	78	74	72	79	74	78	69.9
	99	93	89	89	90	90	89	92	91	90	90	91	91	91	90	92	88.4
GREENWOOD 2 NE	70	71	72	71	66	74	74	70	71	72	76	75	73	78	74	66	69.8
	95	93	89	87	89	93	87	90	93	90	88	92	89	91	93	93	88.4
LEWES	74	70	72	70	63	72	72	68	71	71	75	72	71	76	72	61	68.2
	98	98	90	91	91	92	87	93	91	91	91	95	95	92	92	90	89.0
	74	73	72	74	67	75	73	71	75	74	77	75	74	77	76	68	71.0

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 IS NATL SEA	0	1	5	179B	314	590B	740	800	585	317	91	4	B 3626	
PRINCESS ANNE	0	11	57	328	436	699	766	784	493	299			M 3873	4255
SALISBURY	0	0	10	224	323	602	730	786	475	244		0	M 3394	4027
SALISBURY FAA ARPT	0	0	27	288	390	646	760	799	519	297	84	0	3810	4380
SNOW HILL 4 N	0	4	35	266	358	638	763	800	529	288	100	0	3781	4254
CENTRAL EASTERN SHORE 02														
ROYAL OAK 2 SSW	0	0	16	236	344	660	756	827	515	271	89	0	3714	4225
VIENNA	0	0	12	236	346	638	768	830	509	259	79	1	3678	4140
LOWER SOUTHERN 03														
MECHANICSVILLE 5 NE	0	3	50	309	403	682	811	845	530	278	94	3	4008	4463
OWINGS FERRY LANDING	0	2	35	289	408	696	824	872	546	280	101	2	4055	4411
UPPER SOUTHERN 04														
ANNAPOLIS POLICE BRKS	0	0	6	230	363		794	837	524	271	82	0	M 3107	4382
BALTIMORE WSO ARPT	0	0	13	256	391	684	798	885	525	307	77	0	3936	4707
COLLEGE PARK	0	1	14	253	380	629B	817B	874	501	296	92	0	B 3857	4561
DALECARLIA RESERVOIR	0	0	40	263	398	691	821	885	518	283	90		M 3989	4470
GLENN DALE BELL STN	0	4	27	311	387	728	842	887	526	325	106	2	4145	4639
LAUREL 3 W	0	0	16	218	366	663	843	883	523B	310	80	2	B 3904	4659
NATIONAL ARBORETUM DC	0	1	22	305	400	700	820B	904	520	346	106	1	B 4125	4577
UPPER MARLBORO 3 NNW												1	M	4887
NORTHERN EASTERN SHORE 05														
CHESTERTOWN	0	1	34	317	390	715	807	896	564	332	99	0	4155	4641
MILLINGTON 1 SE			42	304	394	706	808	892	545	340	112	0	M 4143	4864
NORTHERN CENTRAL 06														
ABERDEEN PHILLIPS FIEL		1	24					918B	526B		113B	0	M 1582	4616
BALTIMORE CITY	0	0	11	201	369	664	789B	891	399	241	54	0	B 3619	4068
CATOCTIN MOUNTAIN PARK	0	22	87	316	501	784	998	1012	655	432	169	12	4988	
CONOWINGO DAM	0	0	25	255	412	764	851	928B	554	411	100	0	B 4300	5247
DAMASCUS 2 SSW	0	18	93	378	511B	795	918	992	660	436	195	14	B 5010	
EMMITSBURG 2 SE	0	30	77	380	491	816	916	975	629	403	150	7	4874	5299
FREDERICK POLICE BRKS	0	1	20	257	388	722	830	891	569	292	89	1	4060	
MILLERS 4 NE	0	17	76	336	468	766	919	986	647	401	148	7	4771	
ROCKVILLE 1 NE	0	1	33	290	422	724	850	925	573	354	108	3	4283	5093
TOWSON	0		5	413	731			926	700	401	100		M 3276	4685
UNIONVILLE	0	16	89B	391	528	823	947	992	643	418	178	7	B 5032	5782
WESTMINSTER POL BRKS	0	1	28	267	426	748	910	1025	648	416	158	12	4639	5206
WOODSTOCK	0	3	46	321	452	759	872	936	598	346	107	5	4445	4960
APPALACHIAN MOUNTAIN 07														
CUMBERLAND 2	0	4	68	356	497	837	967	931	589	342	118	4	4713	5036
FROSTBURG 2	5	59	185	467	582	907	1148	1151	767B	605	298	46	B 6220	
HANCOCK	0	21	85	395	524		993	1011	653	471B	209	10	M 4372	5594
ALLEGHENY PLATEAU 08														
OAKLAND 1 SE	4	48	196	490	604	886	1098	1078	767	512	259	48	5990	6553
SAVAGE RIVER DAM	3	42	154	492	576	899	1106	1089	716	552	272	35	5936	6362
DELAWARE														
NORTHERN 01														
NEWARK UNIVERSITY FARM	0	2	43	317	439	729	842	925	576	341	92	0	4306	4825
WILMINGTON WSO ARPT	0	0	29	343	454	770	875	967	598	401	122	0	4559	4937
WILMINGTON PORTER RSVR	0	1	36	292	422	745	857	951	606B	401	122	0	B 4433	5110
SOUTHERN 02														
DOVER	0	0	31	270	359B	668	781B	846	546	290	113	3	B 3907	4337
GEORGETOWN 5 SW	0	6	44	331	379	686	793	888	598		147	6	M 3878	4708
GREENWOOD 2 NE	0	2	42	293	381	688	798	878	556	313	114	3	4068	
LEWES	0	0	11	198	299	608	734	825	537	274	92	1	3579	4341

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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																
UPPER MARLBORO 3 NNW	WIND	1	0	0	0	2	0	2	4	0	0	0	1	0	1	1
	EVAP	*	29	16	21	26	15	21	21	20	28	21	22	17	26	21
	MAX	91	98	90	92	84	91	95	95	93	92	92	97	96	97	101
	MIN	70	71	67	67	69	71	70	70	61	61	67	68	70	71	72
DELAWARE																
NORTHERN 01																
NEWARK UNIVERSITY FARM	WIND	15	21	20	20	13	22	9	39	37	11	25	15	22	26	32
	EVAP	18	14	19	20	8	11	12	26	22	11	12	32	25	25	25
	MAX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	MIN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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	
MARYLAND																	
UPPER SOUTHERN 04																	
UPPER MARLBORO 3 NNW	1	0	0	0	0	3	0	0	0	1	0	1	2	5	2	2	29
	21	22	22	20	23	23	16	22	14	21	21	22	17	25	26	21	6.40
	107	100	106	103	97	95	101	100	103	103	104	99	100	95	100	101	97.4
	74	74	73	69	69	69	73	73	73	72	72	73	73	73	74	70	70.3
DELAWARE																	
NORTHERN 01																	
NEWARK UNIVERSITY FARM	41	17	30	40	17	21	27	25	27	15	21	17	16	29	38	16	724
	28	18	25	34	21	16	22	15	18	15	28	23	18	27	35	24	6.47
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	M
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	M

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

SNOWFALL AND SNOW ON GROUND (INCHES)

STATION		DAY OF MONTH														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MARYLAND SOUTHERN EASTERN SHORE 01 SALISBURY FAA ARPT	SNOWFALL SN ON GND															

Snowfall: Includes snow and ice. Values for NWS stations (J index note) are Mid - Mid (LST).
 Snow on ground: Includes snow, sleet, ice and hail. Values for NWS stations (J index note) are observed at 00 UTC (GMT).
 Water Equivalent: Given for NWS stations (J index note) only, when snow depth is 2 inches or more.

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	38 59	76 30W	25	17	17		H	ANNAPOLIS POLICE BRKS
ASSATEAGUE IS NATL SEA	0335	01	WORCESTER	38 14	75 8W	10	07	07		H	NATIONAL PARK SERVICE
BALTIMORE WSO ARPT	R 0465	04	ANNE ARUNDEL	39 11	76 40W	148	MID	MID		C HJ	NATL WEATHER SERVICE
BALTIMORE CITY	# R 0470	06	BALTIMORE CI	39 17	76 37W	14	MID	MID		C H	NATIONAL WEATHER SERVICE
BELTSVILLE	0700	04	PRINCE GEORG	39 2	76 53W	120	08	08	08	C H	INACTIVE 04/01/94
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	INACTIVE 09/01/93
COLLEGE PARK	1995	04	PRINCE GEORG	38 59	76 57W	90	09	09		C H	UNIVERSITY OF MARYLAND
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
DALECARLIA RESERVOIR	2325	04	DIS COLUMBIA	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
EDGEMONT	2770	07	WASHINGTON	39 40	77 33W	905	07	07		H	JOHN W HARNE
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
HANCOCK	4030	07	WASHINGTON	39 42	78 11W	428	08	08		C H	TOWN OF HANCOCK
LA PLATA 1 W	5080	03	CHARLES	38 32	77 0W	140	18	18		H	INACTIVE 02/28/94
LAUREL 3 W	5111	04	PRINCE GEORG	39 6	76 54W	400	07	07		H	WA SUBURBAN SANITARY COM
MECHANICSVILLE 5 NE	5865	03	ST MARYS	38 27	76 41W	100	19	19		H	SANDRA J HASTINGS
MERRILL	5894	08	GARRETT	39 36	79 5W	1790	09	09		H	DELWOOD E MERRILL
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	DIS COLUMBIA	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	JAMES C RASMUSSEN
POTOMAC FILTER PLANT	7272	06	MONTGOMERY	39 2	77 15W	270	08	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
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	ENVIRONMENTAL TECH GROUP
UNIONVILLE	9030	06	FREDERICK	39 27	77 11W	430	17	17		C H	ROBERT YOUNG
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	UNIV OF DEL SUBSTATION
GREENWOOD 2 NE	3595	02	SUSSEX	38 50	75 35W	45	18	18		H	DANIEL M SWARTZENTRUBER
LEWES	5320	02	SUSSEX	38 46	75 8W	15	17	17		H	BOARD OF PUBLIC WORKS
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.

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.
SS Observation time near sunset.
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."

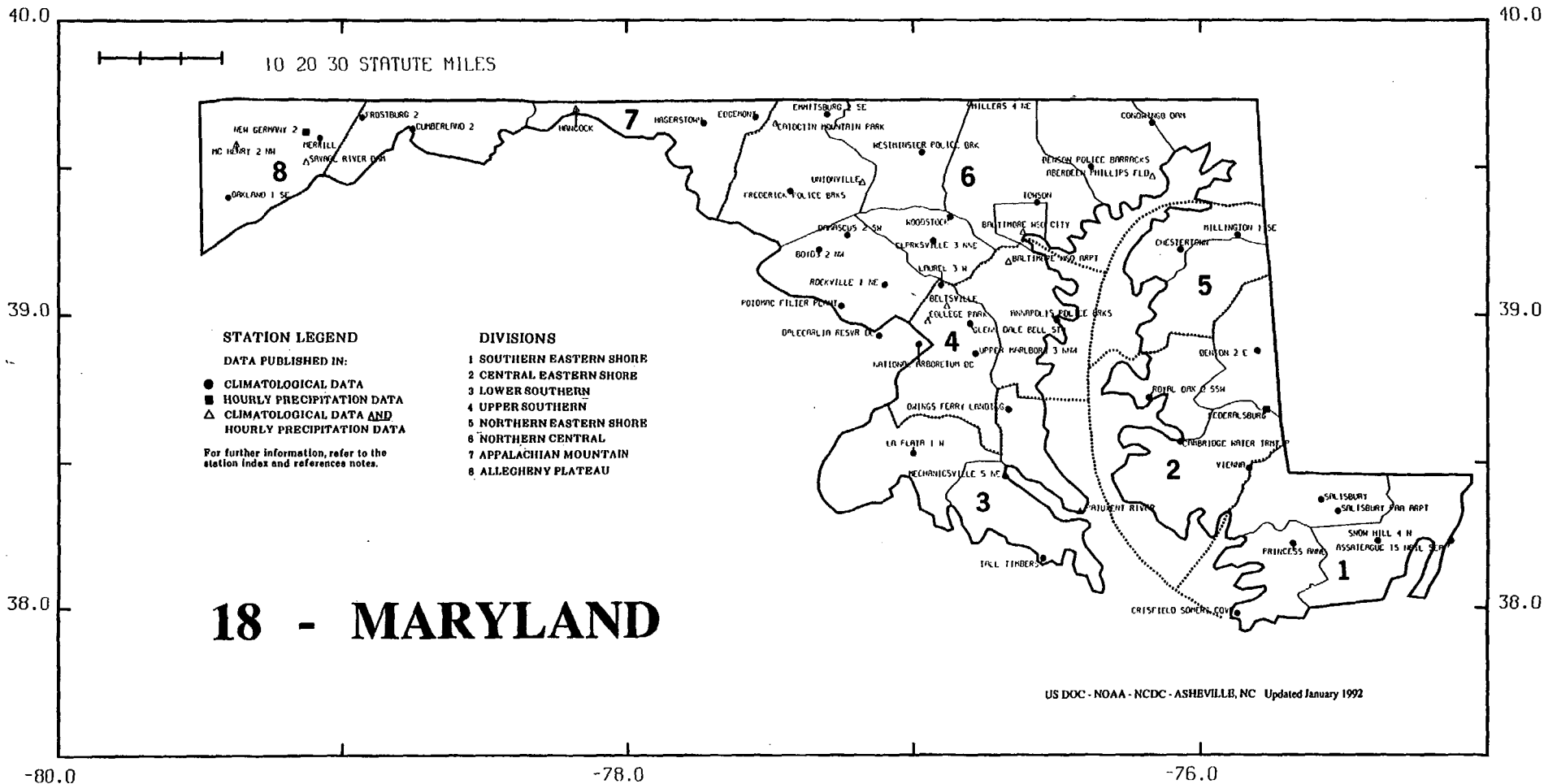
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40.0

40.0

10 20 30 STATUTE MILES



NEWARK UNIVERSITY PARK

WILMINGTON HSO RRPT

WILMINGTON PORTER RSVR

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

HILFORD 4 SE

GREENWOOD 2 NE

LEWES

GEORGETOWN 5 SH

39.0

39.0

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

38.0
-76.0

-75.5

-75.0

38.0

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