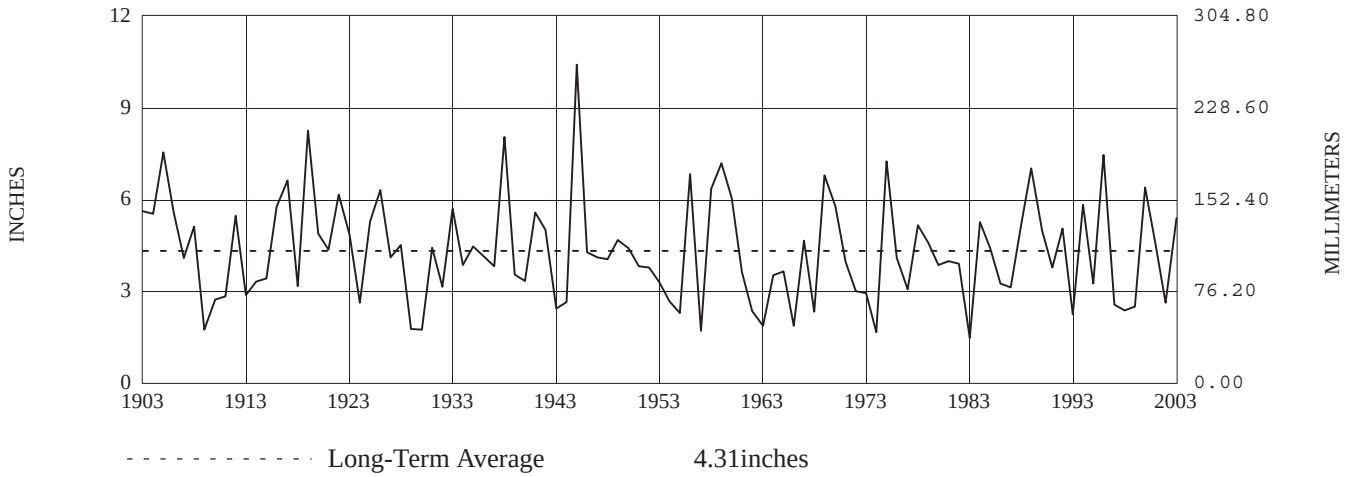
CLIMATOLOGICAL DATA

MARYLAND AND DELAWARE

JULY 2003

VOLUME 107 NUMBER 07

ISSN 0145-0549



MARYLAND AND DELAWARE PRECIPITATION JULY, 1903-2003

TEMPERATURE AND PRECIPITATION EXTREMES

MARYLAND			
HIGHEST TEMPERATURE	98	JULY 10	SALISBURY POLICE BRKS
LOWEST TEMPERATURE	47	JULY 20	OAKLAND 1 SE
GREATEST TOTAL PRECIPITATION	8.93		OAKLAND 1 SE
LEAST TOTAL PRECIPITATION	1.78		EMMITSBURG 2 SE
GREATEST 1 DAY PRECIPITATION	2.79	JULY 6	SAVAGE RIVER DAM

"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."

Thomas R Karl

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	95	JULY 5	BEAR 2 SW
LOWEST TEMPERATURE	55	JULY 20	NEWARK UNIVERSITY FARM
GREATEST TOTAL PRECIPITATION	7.05		LEWES
LEAST TOTAL PRECIPITATION	1.95		WILMINGTON PORTER RSVR
GREATEST 1 DAY PRECIPITATION	2.45	JULY 3	LEWES

This page intentionally left blank.

MONTHLY STATION AND DIVISION SUMMARY

STATION	TEMPERATURE (°F)										NO. OF DAYS			
											MAX		MIN	
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	HEATING DEGREE DAYS	COOLING DEGREE DAYS	90 OR ABOVE	32 OR BELOW	32 OR BELOW	0 OR BELOW
MARYLAND														
SOUTHERN EASTERN SHORE 01														
ASSATEAGUE	84.5	67.6	76.1	.5	94	8+	59	26	0	351	7	0	0	0
PRINCESS ANNE	M	M	M		96	10+	60	29+			10	0	0	0
SALISBURY	87.0	70.5	78.8	1.3	94	9	65	20+	0	434	10	0	0	0
SALISBURY POLICE BRKS	90.7	69.9	80.3		98	10	63	21+	0	481	21	0	0	0
SALISBURY FAA ARPT	84.5	66.3	75.4	-1.9	92	9	56	18	0	332	3	0	0	0
SNOW HILL 4 N	87.5	68.7	78.1	1.1	95	9	60	18	0	415	11	0	0	0
--DIVISIONAL DATA------->			77.7	1.1										
CENTRAL EASTERN SHORE 02														
ROYAL OAK 2 SSW	86.3	71.0	78.7	.1	93	6	60	18	0	430	5	0	0	0
VIENNA	89.7	70.0	79.9	1.8	97	9	63	19	0	469	17	0	0	0
--DIVISIONAL DATA------->			79.3	1.9										
LOWER SOUTHERN 03														
MECHANICSVILLE 5 NE	83.5	68.2	75.9	-.7	91	7	61	18	0	347	4	0	0	0
OXON HILL	86.6	68.1	77.4		96	6	63	20+	0	392	10	0	0	0
SOLOMONS	88.6	71.2	79.9		97	9	67	31+	0	469	16	0	0	0
--DIVISIONAL DATA------->			77.7	1.1										
UPPER SOUTHERN 04														
ANNAPOLIS POLICE BRKS	87.3	70.0	78.7	1.2	95	6+	64	30+	0	431	12	0	0	0
BALTIMORE WASH INTL AP R	84.5	66.6	75.6	-.9	92	5	59	20	0	336	5	0	0	0
BELTSVILLE	85.0	67.4	76.2	-.7	92	7+	61	20+	0	354	5	0	0	0
DALECARLIA RESERVOIR	88.1	67.0	77.6	.0	95	9+	62	13+	0	398	11	0	0	0
GLENN DALE BELL STN	86.4	66.2	76.3	1.1	94	7+	59	25+	0	358	11	0	0	0
LAUREL 3 W	86.2	66.9	76.6	-1.2	95	5	62	13	0	369	10	0	0	0
MD SCI CTR BALTIMORE R	86.5	70.6	78.6		94	5	67	20+	0	428	11	0	0	0
NATIONAL ARBORETUM DC	86.5	68.8	77.7	-.2	94	7+	63	13	0	400	11	0	0	0
UPPER MARLBORO 3 NNW	85.6	67.6	76.6	.7	94	6	61	20+	0	367	8	0	0	0
--DIVISIONAL DATA------->			77.1	.5										
NORTHERN EASTERN SHORE 05														
CHESTERTOWN	86.6	66.6	76.6	-.8	96	6+	61	20	0	367	11	0	0	0
--DIVISIONAL DATA------->			76.6	.1										
NORTHERN CENTRAL 06														
ABERDEEN PHILLIPS FLD	84.8M	69.0M	76.9M	-.1	91	10+	62	25	0	375	2	0	0	0
CATOCTIN MOUNTAIN PARK	80.4	62.1	71.3	-1.8	86	21+	56	26+	0	201	0	0	0	0
CLARKSVILLE 3 NNE	85.1	64.6	74.9	-.2	91	21+	56	20	0	313	5	0	0	0
CONOWINGO DAM	M	M	M											
DAMASCUS 3 SSW	82.4	64.1	73.3		89	5	58	25+	0	263	0	0	0	0
EMMITSBURG 2 SE	84.3	63.8	74.1	-.9	90	7+	52	20	0	289	3	0	0	0
MILLERS 4 NE	82.9	64.7	73.8	-.1	89	5	56	20	0	281	0	0	0	0
ROCKVILLE 1 NE	85.2M	66.1M	75.7M	.4	93	5	60	20	0	337	7	0	0	0
SMITHSBURG 2 NW	88.8	64.0	76.4		94	7+	54	20	0	360	15	0	0	0
--DIVISIONAL DATA------->			74.6	-.6										
APPALACHIAN MOUNTAIN 07														
CUMBERLAND 2	85.4	62.2	73.8	-.7	92	6	55	19	0	281	5	0	0	0
CUMBERLAND POLICE BRK	83.9	61.4	72.7		91	22+	52	20	0	243	4	0	0	0
FROSTBURG 2	77.9	58.4	68.2	-.3	86	5	51	20	6	109	0	0	0	0
HAGERSTOWN POLICE BRK	85.2	64.7	75.0		91	6+	55	20	0	315	4	0	0	0
SHARPSBURG 5 S	84.3M	61.0M	72.7M		90	28	54	20	0	240	1	0	0	0
--DIVISIONAL DATA------->			72.5	-.7										
ALLEGHENY PLATEAU 08														
OAKLAND 1 SE	78.1	58.6	68.4	.0	83	21+	47	20	5	118	0	0	0	0
SAVAGE RIVER DAM	78.1	59.8	69.0	-.7	84	9+	51	20	1	132	0	0	0	0
--DIVISIONAL DATA------->			68.7	.7										
DELAWARE														
NORTHERN 01														
BEAR 2 SW	84.8	66.2	75.5		95	5	57	20	0	332	5	0	0	0
NEWARK UNIVERSITY FARM	87.5	64.7	76.1	-.3	94	5	55	20	0	351	10	0	0	0
WILMINGTON NEW CASTLE R	84.2	67.1	75.7	-.9	92	5	60	20	0	337	4	0	0	0
WILMINGTON PORTER RSVR	83.5	67.5	75.5	.3	90	5	60	20	0	333	1	0	0	0
--DIVISIONAL DATA------->			75.7	-.2										
SOUTHERN 02														
DOVER	85.8	68.3	77.1	-.7	91	5	64	18+	0	379	5	0	0	0
GREENWOOD 2 NE	84.7	67.1	75.9	.2	91	10+	61	18	0	347	4	0	0	0

MONTHLY STATION AND DIVISION SUMMARY

STATION	PRECIPITATION (IN)									
					ICE PELLETS, SNOW			NO. OF DAYS		
	TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	TOTAL	MAX. DEPTH ON GROUND	DATE	.10 OR MORE	.50 OR MORE	1.00 OR MORE
MARYLAND										
SOUTHERN EASTERN SHORE 01										
ASSATEAGUE	4.36	.74	.91	2	.0	0		10	3	0
PRINCESS ANNE	6.42	2.15			.0	0		7	4	1
SALISBURY	5.20	.66	1.26	3	.0	0		11	4	2
SALISBURY POLICE BRKS	3.73		1.61	3	.0	0		9	2	1
SALISBURY FAA ARPT	6.29	1.75	1.50	2	.0	0		12	5	2
SNOW HILL 4 N	6.69	2.21	2.66	3	.0	0		7	4	2
--DIVISIONAL DATA------->	5.45	1.40			.0					
CENTRAL EASTERN SHORE 02										
ROYAL OAK 2 SSW	8.52	4.30	2.16	3	.0	0		12	5	2
VIENNA	M 5.40				.0	0		4	2	2
--DIVISIONAL DATA------->	8.52	4.58			.0					
LOWER SOUTHERN 03										
MECHANICSVILLE 5 NE	M 3.03		1.05	3	.0	0		7	2	1
OXON HILL	6.60		1.58	3	.0	0		9	5	2
SOLOMONS	5.63		1.69	10	.0	0		8	4	2
--DIVISIONAL DATA------->	6.12	2.16			.0					
UPPER SOUTHERN 04										
ANNAPOLIS POLICE BRKS	6.32	2.34	1.87	3	.0	0		7	4	4
BALTIMORE WASH INTL AP R	5.56	1.71	1.67	22	.0	0		11	3	2
BELTSVILLE	7.12	3.03	2.12	23	.0	0		9	7	1
DALECARLIA RESERVOIR	8.08	3.82	1.85	1	.0	0		8	6	3
GLENN DALE BELL STN	5.92	1.74	1.52	3	.0	0		10	5	2
LAUREL 3 W	8.44	4.42	1.93	22	.0	0		11	6	3
MD SCI CTR BALTIMORE R	M 3.77		1.02	2	M	M		9	2	1
NATIONAL ARBORETUM DC	7.29	3.08	1.53	11	.0	0		8	7	3
UPPER MARLBORO 3 NNW	6.78	2.67	1.80	3	.0	0		8	5	2
--DIVISIONAL DATA------->	6.94	2.93			.0					
NORTHERN EASTERN SHORE 05										
CHESTERTOWN	6.29	2.35	1.46	6	.0	0		11	4	1
--DIVISIONAL DATA------->	6.29	2.49			.0					
NORTHERN CENTRAL 06										
ABERDEEN PHILLIPS FLD	4.67	.46	1.44	3	.0	0		5	3	2
CATOCTIN MOUNTAIN PARK	4.66	.84	1.75	3	.0	0		7	2	1
CLARKSVILLE 3 NNE	3.38	-.65	.70	22	.0	0		10	2	0
CONOWINGO DAM					M	M				
DAMASCUS 3 SSW	6.25		2.00	6	.0	0		10	5	1
EMMITSBURG 2 SE	1.78	-1.86	.60	23	.0	0		5	1	0
MILLERS 4 NE	5.02	1.45	1.29	23	.0	0		6	4	4
ROCKVILLE 1 NE	M 4.41		.83	10	.0	0		9	4	0
SMITHSBURG 2 NW	2.48		.94	24	.0	0		6	1	0
--DIVISIONAL DATA------->	4.03	.23			.0					
APPALACHIAN MOUNTAIN 07										
CUMBERLAND 2	4.07	.65	.94	24	.0	0		11	3	0
CUMBERLAND POLICE BRK	4.03		1.12	11	.0	0		8	3	2
FROSTBURG 2	3.11	-.80	.46	11	.0	0		10	0	0
HAGERSTOWN POLICE BRK	3.66		1.48	24	.0	0		7	2	2
SHARPSBURG 5 S	3.93				M .0	0		5	1	0
--DIVISIONAL DATA------->	3.76	.22			.0					
ALLEGHENY PLATEAU 08										
OAKLAND 1 SE	8.93	3.70	1.40	28	.0	0		13	8	4
SAVAGE RIVER DAM	7.55	3.36	2.79	6	.0	0		9	4	3
--DIVISIONAL DATA------->	8.24	3.38			.0					
DELAWARE										
NORTHERN 01										
BEAR 2 SW	2.73		.53	3	.0	0		8	2	0
NEWARK UNIVERSITY FARM	2.64	-1.85	.49	2	.0	0		9	0	0
WILMINGTON NEW CASTLE R	2.85	-1.43	.60	3	.0	0		10	2	0
WILMINGTON PORTER RSVR	1.95	-2.44	.68	3	.0	0		6	1	0
--DIVISIONAL DATA------->	2.54	-1.68			.0					
SOUTHERN 02										
DOVER	6.87	2.71	1.89	3	.0	0		8	5	4
GREENWOOD 2 NE	5.57	.73	2.21	3	.0	0		8	3	2

MONTHLY STATION AND DIVISION SUMMARY

STATION	TEMPERATURE (°F)										NO. OF DAYS			
											MAX		MIN	
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	HEATING DEGREE DAYS	COOLING DEGREE DAYS	90 OR ABOVE	32 OR BELOW	32 OR BELOW	0 OR BELOW
HARRINGTON 4 NE	M	M	M											
LEWES	87.1	70.3	78.7	1.4	94	9+	65	16	0	431	13	0	0	0
MILFORD 2 SE	85.8	68.1	77.0	.3	93	10+	61	20	0	377	10	0	0	0
--DIVISIONAL DATA------->			77.2	.8										

MONTHLY STATION AND DIVISION SUMMARY

STATION	PRECIPITATION (IN)									
					ICE PELLETS, SNOW			NO. OF DAYS		
	TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	TOTAL	MAX. DEPTH ON GROUND	DATE	.10 OR MORE	.50 OR MORE	1.00 OR MORE
HARRINGTON 4 NE					M	M				
LEWES	7.05	2.86	2.45	3	.0	0		8	4	3
MILFORD 2 SE	4.58	.89	1.50	29	M .0	0		8	2	2
--DIVISIONAL DATA------->	6.02	2.13			.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	4.36		.91	.08						.30					.34	
PRINCESS ANNE	6.42			.80					.20		.10	.09	*	*	2.66	
SALISBURY	5.20		.20	1.26	.10				.12		.16	.07			1.07	
SALISBURY POLICE BRKS	3.73		T	1.61	.14				.05		.15			.03	.70	
SALISBURY FAA ARPT	6.29		1.50	.05	.19			.10		.14	.04			T	1.41	
SNOW HILL 4 N	6.69		.04	2.66	.04				.04		.04	.20	.07	.04	.56	
CENTRAL EASTERN SHORE 02																
ROYAL OAK 2 SSW	8.52	.13	.43	2.16	.03			.56	.20		1.78	.02			.44	
VIENNA	M 5.40		*	*	2.20				.34		1.41	.20			1.20	
LOWER SOUTHERN 03																
MECHANICSVILLE 5 NE	M 3.03	T	.15	1.05	.03			.64		T	-	.06			.28	
OXON HILL	6.60	1.49		1.58	.09			T	.83		.24	.81	T	.15	.03	
SOLOMONS	5.63		T	1.08	.82			.02	.36		1.69				.21	
UPPER SOUTHERN 04																
ANNAPOLIS POLICE BRKS	6.32		1.00	1.87	.03					1.00			.02			
BALTIMORE WASH INTL AP R	5.56	.10	1.17	.67	T		.45	.14		.28	.23	.04	.34	T	T	
BELTSVILLE	7.12	.26		.84	.11			.07	.60		.64	.69	.02	.87		
DALECARLIA RESERVOIR	8.08	1.85	.37	.62				.32		.72		1.60		.09		.02
GLENN DALE BELL STN	5.92	.15		1.52				.41	.61	.67	1.08				.35	
LAUREL 3 W	8.44	.20	.74	.36			.15	.17		.90	.08	.59	1.24			
MD SCI CTR BALTIMORE R	M 3.77	.18	1.02	.32			.35			.87	.12	.38	.21		.30	
NATIONAL ARBORETUM DC	7.29	.75		1.24	.04			T	.78		1.40	1.53		.10	.02	
UPPER MARLBORO 3 NNW	6.78	.93		1.80	.05				.76		.36	.77		.08	.10	
NORTHERN EASTERN SHORE 05																
CHESTERTOWN	6.29	.07	.44	.95			1.46	.10		.52	T	.47	.33		.93	
NORTHERN CENTRAL 06																
ABERDEEN PHILLIPS FLD	4.67	.03	T	1.44	*	*	*	.42			1.14	.29	*	*	.62	
CATOCTIN MOUNTAIN PARK	4.66	*	.20	1.75	.05			.44		.03	.01	.40	.01	.26		
CLARKSVILLE 3 NNE	3.38	.14	.53	.34	.35		.28	.01		.09	.10	.22	.05			
CONOWINGO DAM	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DAMASCUS 3 SSW	6.25		.42	.51	.42		2.00	.31	T	.17	.01		T			
EMMITSBURG 2 SE	1.78	.10		.18				.35			.05			T		
MILLERS 4 NE	5.02		.17	.21	.02			1.02		T	1.15	.03		.01		
POTOMAC FILTER PLANT	6.45	2.64	.46	.20				.23		.29	.10	.55		.55		
ROCKVILLE 1 NE	M 4.41	.75	.45	.32			.20				.83	.07	.21			
SMITHSBURG 2 NW	2.48	.16		.05		.03		.34			.18	.01		.22		
APPALACHIAN MOUNTAIN 07																
CUMBERLAND 2	4.07			.15		.12	.03	.10	.09	.27	.68	.50		.30		.20
CUMBERLAND POLICE BRK	4.03		.40		.06		.05	.10	.32	.13	1.07	1.12		.26		
FROSTBURG 2	3.11			.31		.02	.10	.10	.38	.34	.11	.46		.38		
HAGERSTOWN POLICE BRK	3.66	T		.15		.20		T	T	T	T			1.43		
SHARPSBURG 5 S	3.93	.06		.38	*	*	*	*	*	*	*	2.24		.20		
ALLEGHENY PLATEAU 08																
OAKLAND 1 SE	8.93	.02	1.30	.02	.08	.10	1.01	.62	.84	1.20	.68	.62	T	.28		.24
SAVAGE RIVER DAM	7.55					.05	2.79	.36	1.02	.20	1.18	.39		.45		.01
DELAWARE																
NORTHERN 01																
BEAR 2 SW	2.73		.14	.53			.51	.04		.30	.06	.31	.21	.02	.22	
NEWARK UNIVERSITY FARM	2.64		.49	.02		.48		.30			.30	.10	.16		.09	
WILMINGTON NEW CASTLE R	2.85		.12	.60	T	.11	.51	T		.26	.07	.10	.07	.05	.26	
WILMINGTON PORTER RSVR	1.95		.06	.68			.16	.04		.10	.05	.07			.19	
SOUTHERN 02																
DOVER	6.87			1.89			.45	.10			1.22	.02		.07	1.07	
GREENWOOD 2 NE	5.57	.07		2.21	.32			.04	.03	.03	.58	.01			.07	.13
HARRINGTON 4 NE	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LEWES	7.05	T	.01	2.45	.12			.17			.74	.05			1.11	
MILFORD 2 SE	4.58	.09		1.36	.13			T		T	.32				.12	.09

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	.25		.03	.68			.32	.37	.01				.34	.04	.56	.13
PRINCESS ANNE				1.07				.65	.08					.52	.25	
SALISBURY				.90	T			.38	.13					.68	.12	.01
SALISBURY POLICE BRKS				.12				.30	.10					.30	.23	T
SALISBURY FAA ARPT			.73	.50			.30	.14	.13				.62	.03	.41	T
SNOW HILL 4 N	.01			.81			.09	.39	.06					1.37	.27	
CENTRAL EASTERN SHORE 02																
ROYAL OAK 2 SSW				.84				.33	.47				.34	.70	.09	
VIENNA				-				-	.03					-	.02	
LOWER SOUTHERN 03																
MECHANICSVILLE 5 NE							T	.27	.09				.10	.28	.08	T
OXON HILL				.07				.32	.19				T	.75		.05
SOLOMONS					.01		.09	.41	.09				.01	.30	.52	.02
UPPER SOUTHERN 04																
ANNAPOLIS POLICE BRKS		.11						.43	.06				.40			1.40
BALTIMORE WASH INTL AP R			.10				1.67	.02	T			.05	.29	.01	T	T
BELTSVILLE				.03				2.12					.04	.83		
DALECARLIA RESERVOIR				.01			.02	1.65						.79		.02
GLENN DALE BELL STN				.18				.33	.05					.55		.02
LAUREL 3 W							1.93	.41					1.67			
MD SCI CTR BALTIMORE R			.02				-	-					-			
NATIONAL ARBORETUM DC				T				.81						.62		
UPPER MARLBORO 3 NNW				.06				.20	.02				.01	1.63		.01
NORTHERN EASTERN SHORE 05																
CHESTERTOWN			.05	.19			.08		.08	.39			.14		.09	T
NORTHERN CENTRAL 06																
ABERDEEN PHILLIPS FLD							T	.54	.02			*	.03	.12		.02
CATOCTIN MOUNTAIN PARK			.01				.29	.80	.31				.03	.07		
CLARKSVILLE 3 NNE				.01			.70	.26				.01	.29			
CONOWINGO DAM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DAMASCUS 3 SSW							.80	.92	.12			T	.57	T		
EMMITSBURG 2 SE							.05	.60	.45			T				
MILLERS 4 NE	T		T	T			.05	1.29	1.05				T	.02		T
POTOMAC FILTER PLANT							.52	.24					.67			
ROCKVILLE 1 NE			T				.52	.07				.17	.82	-	-	T
SMITHSBURG 2 NW							.01	.48	.94				.01	.05		
APPALACHIAN MOUNTAIN 07																
CUMBERLAND 2	.30			.02				.03	.94					.34		
CUMBERLAND POLICE BRK													.52			
FROSTBURG 2	.05			.09			.06	.03	.45				T	.23		
HAGERSTOWN POLICE BRK			T				T	.10	1.48				.15	.15		
SHARPSBURG 5 S	.02						.11	.04	.71			T	.02	.15		
ALLEGHENY PLATEAU 08																
OAKLAND 1 SE	.06			.09			.16	.14	.03				1.40		.04	
SAVAGE RIVER DAM	.01						.15		.02					.92		
DELAWARE																
NORTHERN 01																
BEAR 2 SW			T				.02	.06	.07			.17	.05		.01	.01
NEWARK UNIVERSITY FARM									.22			.35		.03		.10
WILMINGTON NEW CASTLE R			T				.08	.10	.12			.02	.04	T	.27	.07
WILMINGTON PORTER RSVR			.06				.07	.05	.09			.10	.03			.20
SOUTHERN 02																
DOVER				.04				.27	.52					1.19	T	.03
GREENWOOD 2 NE				.04				.24	.23					1.30	.03	.24
HARRINGTON 4 NE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LEWES				.07				.16					.02	1.76	.37	.02
MILFORD 2 SE				.24				.40	.05					1.50		.28

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											2.0	0	6.9	-	9.0	-	.5	1							18.4	M 1	50.01
SALISBURY POLICE BRKS											M .0	0	7.5	-	M 7.0	6									14.5	M 6	51.82
SALISBURY FAA ARPT	-	-	-	-	-	-	-	-	-	-	-	-	3.8	3	10.9	0	-	-							M 14.7	M 3	55.56
SNOW HILL 4 N											4.0	0	7.1	3	9.8	3	.5	0							21.4	6	63.41
CENTRAL EASTERN SHORE 02																											
ROYAL OAK 2 SSW											6.0	6	6.0	-	33.0	22	T	2							45.0	M 30	55.52
VIENNA											4.0	-	M .0	-	M 2.0	-									6.0	M	47.35
LOWER SOUTHERN 03																											
MECHANICSVILLE 5 NE											5.0	8	M 6.7	6	29.0	22	T	6	M .0	0					40.7	42	54.28
OXON HILL											M 7.0	-	4.5	2	30.5	22	.5	3	T	0			M .0	-	42.5	M 27	54.86
SOLOMONS	-	-		-							4.5	4	M .8	-	M 5.8	-	M .0	-							M 11.1	M 4	47.70
UPPER SOUTHERN 04																											
ANNAPOLIS POLICE BRKS											M 5.0	-	M 2.0	-	M .0	-					M .0	-			7.0	M	68.73
BALTIMORE WASH INTL AP R											9.7	9	5.3	6	40.5	22	2.6	5	T	0					58.1	42	53.47
BELTSVILLE											10.0	-	4.0	4	30.5	22	T	5							44.5	M 31	52.70
DALECARLIA RESERVOIR											5.3	-	M 2.5	-	M 2.8	-					-	-	-	-	M 10.6	M	M 41.29
GLENN DALE BELL STN											7.0	-	M .0	-	M .0	-	M .0	-	M .0	-					7.0	M	59.63
LAUREL 3 W											6.0	-	M 3.0	-	41.4	-		-							50.4	M	58.43
NATIONAL ARBORETUM DC	-	-	-	-	-	-	-	-	-	-	5.3	8	4.2	3	M11.9	22		4							M 21.4	37	M
UPPER MARLBORO 3 NNW											M 5.4	8	3.9	2	26.6	22	1.0	5							36.9	37	50.77
NORTHERN EASTERN SHORE 05																											
CHESTERTOWN											8.0	8	4.0	-	34.5	23	T	2	M .0	0					46.5	M 33	58.02
NORTHERN CENTRAL 06																											
ABERDEEN PHILLIPS FLD											7.5	7	M 1.6	-	M14.5	-	M .0	-	M .0	-	M .0	-			23.6	M 7	55.41
CATOCTIN MOUNTAIN PARK							M .0	0	1.1	1	M .0	-	-	-	38.5	-	M .0	-	1.7	-					M 41.3	M 1	64.69
CONOWINGO DAM											M 9.5	-	5.5	-	M39.8	-	M .5	-		-			-	-	M 55.3	M	44.61
DAMASCUS 3 SSW									T	0	11.4	16	9.8	10	40.3	23	4.6	9	.3	0	-	-		-	M 66.4	M 58	50.83
EMMITSBURG 2 SE									.5	0	13.5	15	M 7.0	5	30.0	19	2.0	10	2.0	0					55.0	49	49.59
MILLERS 4 NE									1.3	0	16.2	16	9.1	10	35.9	22	3.4	12	1.5	1					67.4	61	55.34
POTOMAC FILTER PLANT											M .0	-	M .7	-	M .0	-	M .0	0							.7	M	56.32
ROCKVILLE 1 NE									M .0	0	10.8	11	M 9.7	-	M36.5	-	1.2	6	T	0			M .0	0	58.2	M 17	47.46
SMITHSBURG 2 NW									.5	-	13.3	-	M 4.0	-	M10.5	-	3.0	-		-	-	-			M 31.3	M	44.96
APPALACHIAN MOUNTAIN 07																											
CUMBERLAND 2									M .5	-	13.5	-	M 3.0	-	M31.5	-	3.0	-	M .0	-					51.5	M	47.98
CUMBERLAND POLICE BRK											M .0	-	M 2.5	-	M39.0	-	M .0	3							41.5	M 3	42.55
FROSTBURG 2							T	0	2.3	3	18.5	27	21.2	29	42.3	28	6.0	18	1.7	3					92.0	108	51.89
HAGERSTOWN POLICE BRK									.1	1	M11.6	13	M 4.5	-	-	-	-	-	M .0	0					M 16.2	M 14	M 42.68
SHARPSBURG 5 S							M .0	-	T	0	12.3	14	6.9	7	34.0	18	2.0	10	M .0	-					55.2	M 49	55.22
ALLEGHENY PLATEAU 08																											
OAKLAND 1 SE									10.0	-	28.0	-	56.0	-	49.5	-	12.0	-	T	-					155.5	M	53.43
SAVAGE RIVER DAM					M .0	0			M .0	-	M .0	26	-	-	-	-	M .0	-							M	M 26	48.75
DELAWARE																											
NORTHERN 01																											
BEAR 2 SW	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.8	0	M .0	0			M .8	M	M
WILMINGTON NEW CASTLE R		-		-		-	T	-	T	-	9.0	-	5.4	-	31.6	22	T	5	T	0					46.0	M 27	50.17
WILMINGTON PORTER RSVR											M 6.0	-	M 9.0	-	M27.5	-			T	0					42.5	M	55.94

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	
SOUTHERN 02																											
DOVER											7.0	6	2.5	2	33.0	22		3							42.5	33	60.89
GREENWOOD 2 NE											4.5	7	M 3.0	4	23.2	22	T	1							30.7	34	58.49
LEWES											3.8	0	6.1	-	33.6	-		-							43.5	M	57.92
MILFORD 2 SE											4.0	4	2.0	-	M27.0	22	T	3					M .0	0	33.0	M 29	61.91

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	07	MAX	81	78	81	80	94	91	93	94	91	86	90	85	85	78	83
		OBS				92											
		MIN	68	65	71	72	71	73	71	78	71	71	73	67	69	67	62
		OBS															
PRINCESS ANNE	17	MAX	92	84	84				94	91	96	96	89			90	87
		MIN	67	62	65				69	70	69	69	69			65	64
SALISBURY	17	MAX	90	80	83	89	91	92	91	90	94	93	88	87	86	82	84
		MIN	72	65	67	72	76	77	75	73	75	71	71	69	69	68	68
SALISBURY POLICE BRKS	17	MAX	95	84	95	93	96	97	94	94	97	98	92	91	90	84	87
		OBS		95													
		MIN	71	66	66	66	78	76	74	74	76	71	71	69	69	68	67
		OBS															
SALISBURY FAA ARPT	MID	MAX	81	78	83	89	91	91	89	89	92	80	87	87	84	76	83
		MIN	62	59	71	71	75	75	70	69	67	69	71	62	63	67	65
SNOW HILL 4 N	17	MAX	91	80	84	90	92	93	92	93	95	94	88	88	86	82	83
		MIN	69	63	67	71	75	76	73	73	72	72	71	66	67	69	67
CENTRAL EASTERN SHORE 02																	
ROYAL OAK 2 SSW	18	MAX	88	82	80	89	92	93	91	87	92	89	87	86	85	83	84
		MIN	68	70	68	68	77	76	75	75	74	70	72	67	68	69	68
VIENNA	18	MAX	94	84	85	92	94	95	95	93	97	95	86	89	90	88	86
		OBS		***	***												
		MIN	67	64	67	71	76	77	73	72	75	69	77	68	67	65	66
		OBS		***	***	***		60	54								
LOWER SOUTHERN 03																	
MECHANICSVILLE 5 NE	19	MAX	81	74	75	88	90	90	91	85	90	78	85	85	81	78	82
		MIN	66	67	67	67	71	73	72	71	71	71	71	64	63	67	63
OXON HILL	08	MAX	93	82	75	75	92	96	94	91	88	93	80	88	86	85	83
		MIN	65	67	66	67	70	72	70	71	72	70	68	63	63	68	66
SOLOMONS	16	MAX	89	83	82	89	92	94	95	94	97	95	90	90	89	84	81
		OBS												***			
		MIN	69	72	68	69	75	75	73	73	75	71	75	68	69	67	67
		OBS												***			
UPPER SOUTHERN 04																	
ANNAPOLIS POLICE BRKS	17	MAX	87	83	78	93	95	95	90	92	89	87	86	88	86	85	86
		OBS			92							***					
		MIN	71	66	67	68	73	74	76	78	74	72	67	64	68	64	65
		OBS										***					
BALTIMORE WASH INTL AP	MID	MAX	85	77	76	90	92	90	89	87	91	76	86	85	83	79	83
		MIN	64	65	67	68	70	72	69	71	72	69	67	61	62	67	62
BELTSVILLE	08	MAX	90	83	75	77	91	92	92	89	87	91	76	85	85	84	81
		MIN	65	66	67	66	69	72	70	73	73	69	69	61	61	67	65
DALECARLIA RESERVOIR	17	MAX	89	83	77	94	95	94	93	90	95	79	88	87	87	84	88
		MIN	62	68	66	67	71	72	70	71	73	69	68	62	62	68	65
GLENN DALE BELL STN	16	MAX	90	84	75	91	91	94	94	90	90	82	86	84	86	84	82
		OBS				74						94	77				
		MIN	64	66	66	66	70	70	68	70	72	68	67	59	60	66	63
LAUREL 3 W	MID	MAX	85	77	75	93	95	93	91	89	93	76	85	84	84	83	85
		OBS															
		MIN	64	65	64	70	72	70	73	70	70	67	67	63	62	68	65
MD SCI CTR BALTIMORE	MID	MAX	85	81	77	93	94	93	92	90	92	75	87	87	84	81	83
		MIN	67	67	68	71	75	73	73	77	71	69	71	68	67	69	69
NATIONAL ARBORETUM DC	07	MAX	92	83	75	76	92	94	94	91	90	93	79	87	85	83	82
		OBS															
		MIN	66	69	67	68	71	71	72	74	75	70	70	64	63	66	66
		OBS															
UPPER MARLBORO 3 NNW	08	MAX	91	82	75	74	91	94	93	91	88	92	78	87	86	83	81
		MIN	65	67	67	68	71	72	70	72	73	70	69	62	63	67	63
NORTHERN EASTERN SHORE 05																	
CHESTERTOWN	23	MAX	88	81	75	91	96	96	92	90	92	75	87	88	84	80	85
		MIN	67	67	65	67	71	69	68	71	72	65	67	64	63	62	62
		OBS															
NORTHERN CENTRAL 06																	
ABERDEEN PHILLIPS FLD	16	MAX	83	83	77				89	89	91	91	84			77	84
		MIN	64	63	67				71	74	75	69	71			66	64
CATOCTIN MOUNTAIN PARK	17	MAX	80	82	75	84	86	86	83	82	82	75	80	78	78	77	79
		OBS	***														
		MIN	56	59	62	65	64	70	65	69	68	59	62	58	57	63	62
		OBS	***		54		54					46	49	48			
CLARKSVILLE 3 NNE	17	MAX	86	83	79	90	91	90	89	86	90	80	85	83	84	81	84
		MIN	64	64	66	65	67	70	68	73	72	68	66	59	60	64	60
CONOWINGO DAM	07	MAX															
		MIN															
DAMASCUS 3 SSW	22	MAX	82	74	75	88	89	88	87	86	87	75	84	82	80	78	82

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	82	83	86	83	86	83	81	86	79	83	80	90	88	89	70	81	84.5
								77						77			
	70	65	65	65	63	70	67	63	62	60	59	62	75	65	67	69	67.6
													64				
PRINCESS ANNE	90		90				93	88	84	88				92	79	84	M
	67		60				60	67	70	62				60	64	67	M
SALISBURY	88	89	88	84	85	89	90	83	83	87	87	90	90	84	78	82	87.0
	70	71	65	68	65	72	77	70	71	67	66	73	78	67	67	70	70.5
SALISBURY POLICE BRKS	92	89	94	84	89	95	93	91	88	91	92	94	91	84	77	82	90.7
					***					***							
	71	71	64	69	63	63	78	71	66	65	66	76	79	67	67	70	69.9
	62				***					***							
SALISBURY FAA ARPT	87	84	88	82	83	88	89	78	82	86	87	89	87	78	70	81	84.5
	68	59	56	64	60	68	70	69	65	61	58	70	72	65	66	69	66.3
SNOW HILL 4 N	89	88	90	88	85	88	90	80	85	87	88	89	90	87	76	83	87.5
	69	67	60	66	61	70	74	70	70	64	62	69	76	66	67	69	68.7
CENTRAL EASTERN SHORE 02																	
ROYAL OAK 2 SSW	90	89	88	82	85	88	89	81	82	87	87	89	87	81	79	82	86.3
	75	70	60	71	66	76	79	74	69	67	71	78	73	68	69	69	71.0
VIENNA	92	91	90	88	87	90	90	89	86	89	90	93	91	87	81	85	89.7
																***	
	70	69	64	63	69	69	79	74	72	66	65	75	74	68	68	70	70.0
						78										***	
LOWER SOUTHERN 03																	
MECHANICSVILLE 5 NE	89	84	86	81	84	89	86	79	80	85	86	89	85	78	73	80	83.5
	72	67	61	68	63	70	76	69	67	62	65	72	74	68	68	67	68.2
OXON HILL	86	92	88	85	86	87	91	89	83	84	88	90	90	86	82	77	86.6
	69	67	64	69	63	70	74	70	68	65	65	70	74	69	67	69	68.1
SOLOMONS	94	94	91	88	86	92	92	82	86	86	91	93	90	80	78	81	88.6
				***													
	74	72	69	71	70	75	78	72	68	69	69	75	77	69	67	67	71.2
				***				***									
UPPER SOUTHERN 04																	
ANNAPOLIS POLICE BRKS	85	90	85	84	87	90	90	90	81	84	90	91	90	85	79	85	87.3
		***			***												
	74	69	67	72	65	72	78	72	70	64	70	74	76	65	64	72	70.0
	64	***		63	***	82	89	80	80	80			62				
BALTIMORE WASH INTL AP	88	85	86	83	85	91	88	81	81	86	88	89	82	81	78	80	84.5
	71	63	62	65	59	70	69	69	66	61	65	73	68	67	63	69	66.6
BELTSVILLE	83	88	84	86	83	84	89	88	81	82	87	89	89	83	82	78	85.0
	71	63	61	69	61	69	75	69	68	62	65	71	72	68	64	69	67.4
DALECARLIA RESERVOIR	91	89	89	86	89	93	91	91	84	88	88	93	88	84	82	83	88.1
	72	64	63	68	63	66	65	68	68	63	67	72	68	68	65	63	67.0
GLENN DALE BELL STN	84	90	87	87	84	86	91	89	82	84	87	90	91	85	82	77	86.4
	70	61	60	66	59	68	75	69	67	59	64	70	72	67	63	67	66.2
LAUREL 3 W	90	86	88	86	87	92	94	85	83	88	90	91	84	80	81	80	86.2
						81											
	71	65	67	67	65	66	68	65	66	66	67	68	67	65	65	67	66.9
MD SCI CTR BALTIMORE	90	86	88	88	86	92	90	84	83	88	91	92	82	83	82	82	86.5
	73	71	72	71	67	73	69	70	71	69	71	76	71	70	70	70	70.6
NATIONAL ARBORETUM DC	86	91	86	87	84	86	91	88	82	84	87	90	91	86	82	83	86.5
															***		
	71	67	65	71	64	67	76	69	71	64	69	69	77	69	66	67	68.8
															***		
UPPER MARLBORO 3 NNW	84	90	86	86	83	84	90	88	82	83	87	89	89	87	83	76	85.6
	71	63	61	69	61	67	74	70	68	62	65	71	74	68	65	67	67.6
NORTHERN EASTERN SHORE 05																	
CHESTERTOWN	90	89	89	86	89	91	90	82	84	84	90	91	86	85	79	81	86.6
	69	64	62	66	61	69	72	70	67	67	63	71	72	64	63	65	66.6
						61											
NORTHERN CENTRAL 06																	
ABERDEEN PHILLIPS FLD	89	89	84	83		89	89	87	81	85	87		83	82	80	80	84.8
	76	65	64			75	77	71	69	62			77	66	64	69	69.0
CATOCTIN MOUNTAIN PARK	81	80	79	77	82	86	84	79	75	81	84	84	81	79	79	75	80.4
	68	58	56	58	60	66	67	61	60	60	56	68	68	59	61	60	62.1
			65	42				48			65					41	
CLARKSVILLE 3 NNE	88	85	84	84	85	91	87	82	81	86	89	88	84	84	80	80	85.1
	70	60	59	62	56	65	68	67	63	58	61	70	67	64	60	68	64.6
CONOWINGO DAM																	M
																	M
DAMASCUS 3 SSW	85	83	84	80	83	87	85	77	79	83	87	87	81	79	79	77	82.4

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
		OBS			84												
		MIN	62	65	64	62	64	66	67	64	72	64	67	60	58	64	63
EMMITSBURG 2 SE	16	MAX	85	82	77	88	90	90	90	85	85	83	84	84	81	82	83
		MIN	58	62	66	62	69	71	69	72	71	64	67	58	61	62	59
MILLERS 4 NE	18	MAX	84	82	74	87	89	88	85	85	85	81	83	82	81	81	81
		MIN	60	62	65	66	68	72	66	69	71	62	68	62	59	62	60
ROCKVILLE 1 NE	MID	MAX	84	76	79	91	93	91	88			72	86	85	84	81	86
		MIN	63	65	65	69	65	69	71			70	68	63	62	68	63
SMITHSBURG 2 NW	08	MAX	90	89	83	83	93	94	94	91	93	89	77	87	84	88	86
		OBS															
		MIN	60	64	67	63	62	71	67	71	70	66	66	65	57	64	62
APPALACHIAN MOUNTAIN 07																	
CUMBERLAND 2	18	MAX	85	81	87	90	89	92	91	91	89	73	81	81	82	83	87
		MIN	61	66	65	66	69	66	67	69	65	65	60	58	58	60	62
CUMBERLAND POLICE BRK	17	MAX	83	78	84	88	89	91	90	88	89	77	80	80	80	80	84
		OBS															
		MIN	57	60	63	62	72	69	64	68	67	64	64	58	56	57	59
FROSTBURG 2	07	MAX	79	78	74	80	86	82	84	82	83	78	67	74	74	74	76
		MIN	55	56	60	62	62	62	62	62	63	61	62	60	54	55	56
HAGERSTOWN POLICE BRK	17	MAX	85	83	79	90	91	91	90	89	86	83	85	83	80	82	84
		MIN	61	66	66	63	69	70	68	70	70	65	67	59	58	64	64
SHARPSBURG 5 S	07	MAX	87	85	77									85	84	83	83
		MIN	59	60	65								67	58	56	57	63
ALLEGHENY PLATEAU 08																	
OAKLAND 1 SE	17	MAX	79	76	80	82	82	83	80	81	80	80	77	74	74	75	82
		MIN	57	58	61	59	65	62	61	64	63	64	64	58	52	56	54
SAVAGE RIVER DAM	08	MAX	81	78	73	83	84	84	84	82	84	70	70	75	75	76	76
		MIN	57	60	62	62	63	63	64	65	65	64	64	58	57	56	55
DELAWARE																	
NORTHERN 01																	
BEAR 2 SW	MID	MAX	85	82	77	91	95	91	89	89	90	71	86	85	82	78	82
		MIN	63	63	67	67	70	71	69	73	71	66	68	62	64	65	60
NEWARK UNIVERSITY FARM	17	MAX	86	87	81	93	94	92	92	92	90	86	87	87	84	81	84
		OBS										71					
		MIN	65	61	63	63	69	68	68	69	66	65	64	60	67	65	61
		OBS		51	49	48	46	46						71			
WILMINGTON NEW CASTLE	MID	MAX	85	81	78	89	92	90	88	88	88	70	85	84	82	77	80
		MIN	64	66	67	67	73	71	69	72	69	66	68	65	63	67	63
WILMINGTON PORTER RSVR	MID	MAX	83	82	76	88	90	88	88	87	87	70	85	84	82	76	82
		MIN	66	65	66	67	71	73	69	73	69	66	66	66	65	66	64
SOUTHERN 02																	
DOVER	16	MAX	89	84	79	90	91	90	89	89	90	89	85	85	84	80	82
		MIN	69	66	65	68	73	73	68	74	74	67	69	66	64	64	64
GREENWOOD 2 NE	07	MAX	91	83	80	79	88	91	91	89	88	91	76	86	85	84	75
		OBS		***													
		MIN	66	63	66	69	70	74	70	73	72	66	69	64	64	66	64
		OBS															
HARRINGTON 4 NE	07	MAX															
		MIN															
LEWES	17	MAX	83	81	81	91	94	94	93	91	94	90	89	89	87	87	80
		MIN	71	66	67	71	77	78	72	75	76	68	68	69	68	68	66
MILFORD 2 SE	07	MAX	92	83	81	79	90	93	92	91	91	93	74	88	87	84	76
		OBS															
		MIN	66	64	65	70	73	76	70	71	73	69	69	65	65	69	64
		OBS															

DAILY TEMPERATURES (°F)

STATION	DAY OF MONTH																AVERAGE
	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
	71	60	61	65	59	60	68	66	63	58	65	70	68	63	62	65	64.1
EMMITSBURG 2 SE	86	85	84	80	83	89	89	81	81	83	86	88	87	80	82	80	84.3
	72	57	56	61	52	65	71	68	63	58	59	71	71	62	57	65	63.8
MILLERS 4 NE	85	83	81	81	82	88	85	81	79	83	85	86	83	81	81	79	82.9
	69	61	61	64	56	67	72	66	65	59	62	73	73	61	58	66	64.7
ROCKVILLE 1 NE	88	88	85		86	92	90	84	81	88	90	91		82	80	80	85.2
	72	63	62		60	70	68	68	66	64	67	73		63	62	67	66.1
SMITHSBURG 2 NW	90	89	90	90	89	89	93	92	92	83	89	92	92	83	92	87	88.8
														92			
	68	58	58	62	54	62	70	68	65	57	62	68	68	61	60	67	64.0
APPALACHIAN MOUNTAIN 07																	
CUMBERLAND 2	87	87	87	83	86	91	89	82	80	85	89	87	86	83	83	81	85.4
	60	60	63	55	57	62	66	61	56	56	59	70	60	60	62	64	62.2
CUMBERLAND POLICE BRK	85	84	85	85	83	91	91	79	79	82	87	86	82	80	80	80	83.9
								91									
	68	57	60	60	52	61	61	61	61	55	54	67	68	58	58	61	61.4
FROSTBURG 2	82	79	80	74	76	80	85	81	73	73	77	80	81	69	77	76	77.9
	61	55	56	60	51	53	61	60	58	54	54	58	68	55	56	58	58.4
HAGERSTOWN POLICE BRK	86	87	84	84	82	89	88	84	80	84	87	88	87	84	82	83	85.2
	71	60	60	62	55	66	71	67	62	58	61	70	71	64	61	68	64.7
SHARPSBURG 5 S	85	87	85	79	84	86	89	88	83	82	86	89	90	75	83	83	84.3
	65	58	58	60	54	55	66	67	63	57	58	61	70	66	60	61	61.0
ALLEGHENY PLATEAU 08																	
OAKLAND 1 SE	81	78	76	76	79	83	79	75	72	79	81	78	77	75	74	74	78.1
	66	52	54	60	47	56	65	61	58	48	52	65	64	57	58	57	58.6
SAVAGE RIVER DAM	80	80	80	75	77	78	83	80	75	74	79	83	80	73	76	74	78.1
	60	57	58	60	51	52	59	64	62	55	55	58	71	59	59	59	59.8
DELAWARE																	
NORTHERN 01																	
BEAR 2 SW	88	83	83	83	85	89	87	82	82	87	89	90	85	84	79	80	84.8
	70	60	62	63	57	68	76	71	68	60	63	74	69	64	61	68	66.2
NEWARK UNIVERSITY FARM	90	86	88	84	87	92	91	88	84	91	87	88	86	86	81	89	87.5
	66	62	61	66	55	68	76	66	70	60	66	62	64	64	61	64	64.7
					68			74		68							
WILMINGTON NEW CASTLE	88	83	85	84	84	90	87	81	81	86	88	90	85	81	79	80	84.2
	70	63	62	66	60	70	72	71	70	64	65	74	69	63	62	68	67.1
WILMINGTON PORTER RSVR	87	81	86	80	84	88	88	80	80	85	88	88	83	82	79	80	83.5
	70	65	66	66	60	71	74	70	69	65	67	73	72	65	63	66	67.5
SOUTHERN 02																	
DOVER	87	88	88	83	86	89	90	86	82	85	88	86	87	81	80	77	85.8
	68	68	64	70	67	67	76	70	69	65	68	67	76	65	65	69	68.3
GREENWOOD 2 NE	84	89	84	87	83	85	89	88	80	81	88	89	89	86	78	70	84.7
	64	66	61	63	64	64	75	70	70	63	65	70	74	65	65	65	67.1
			51										61				
HARRINGTON 4 NE																	M
																	M
LEWES	89	90	90	87	86	90	90	83	84	84	91	92	89	79	79	74	87.1
	65	72	66	66	70	73	77	71	72	69	67	74	78	66	66	66	70.3
MILFORD 2 SE	83	90	85	89	83	89	91	89	79	83	87	88	91	87	79	72	85.8
				***	***												
	66	69	62	69	61	62	75	71	71	64	64	73	75	66	65	68	68.1
				***	***												

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	0	0	0	140	434	772	996	766	607	398	202	17	4332	4266
PRINCESS ANNE													M	4198
SALISBURY	0	0	0	180	486	791	987	797	470	289	120	7	4127	3936
SALISBURY POLICE BRKS	0	0	0	190	491	794	981	808	479	288	113	4	4148	
SALISBURY FAA ARPT	4	0	17	261	575	883	1108	874	591	396	223	25	4957	4254
SNOW HILL 4 N	0	0	4	190	489	800	1010	799	499	325	131	8	4255	4008
CENTRAL EASTERN SHORE 02														
ROYAL OAK 2 SSW	0	0	0	229	497	845	997	858	519	289	107	5	4346	3967
VIENNA	0	0	0	218	489	807	1006B		460	271B	123	9	M 3383	4073
LOWER SOUTHERN 03														
MECHANICSVILLE 5 NE	0	0	9	272	555	919	1055	898	551	316	145	18	4738	4299
OXON HILL	0	2	4	272	573	885	1051	901	562	337	138	15B	B 4740	
SOLOMONS		0	0	167	453	800	961	807	516B	274	84B	2	M 4064	
UPPER SOUTHERN 04														
ANNAPOLIS POLICE BRKS	0	0	0	201	426B	830	970	809B	508	256	119B	13B	B 4132	4695
BALTIMORE WASH INTL AP R	0	1	10	316	611	945	1131	967	649	370	191	31	5222	4720
BELTSVILLE	0	2	10	304	605	940	1115	963	633	383	165	24	5144	4707
DALECARLIA RESERVOIR	0	1	2	265	555	895	1071	907	525	297			M 4518	4382
GLENN DALE BELL STN	0	5	22	343	641	987	1156	983		385	180	33	M 4735	4970
LAUREL 3 W	0	1	4	283	559	901	1107	918	613	321	157	26	4890	4505
MD SCI CTR BALTIMORE R	0	0	2	262	531	861	1066	899	593	308	136	19	4677	
NATIONAL ARBORETUM DC						879B	1052	899	578	330	134	16	M 3888	4571
UPPER MARLBORO 3 NNW	0	2	11	298	606	927	1092	943	640	383	172	25	5099	4785
NORTHERN EASTERN SHORE 05														
CHESTERTOWN	0	2	11	337	581	969	1123	973	641	367	189	30	5223	4559
NORTHERN CENTRAL 06														
ABERDEEN PHILLIPS FLD	0	0B		314B						334B		21B	M 669	4459
CATOCTIN MOUNTAIN PARK	1	15	33	428	698	1048	1241	1075	743	398	212	61	5953	5370
CLARKSVILLE 3 NNE	1	31	16	355	653	998							M 2054	4997
CONOWINGO DAM	0	0	2	286	609B	967	1132	1007	722	395	173		M 5293	5044
DAMASCUS 3 SSW	3	11	32	393	672	1016	1210	1015	685	385		44	M 5466	
EMMITSBURG 2 SE	1	6	26	363	643	1010	1174	989	701	385	174	35	5507	5032
MILLERS 4 NE	0	6	18	374	650	1006	1204	1007	687	388	182	42	5564	5162
ROCKVILLE 1 NE	0	4	10	331	644	946	1132	945	624	340	165	38B	B 5179	4990
SMITHSBURG 2 NW	0	4	18	350	623	1021	1177	1013	669	384		36	M 5295	
APPALACHIAN MOUNTAIN 07														
CUMBERLAND 2	0	2	22	376	656	986	1174	1001	632	311	147	35	5342	5191
CUMBERLAND POLICE BRK	0	7	25	400	666	997	1192	1008	660	343	167	42	5507	
FROSTBURG 2	10	31	87	506	790	1183	1384	1168	826	528	325	130	6968	6775
HAGERSTOWN POLICE BRK	0	2	17	345	620	975	1161			361	149	28	M 3658	
SHARPSBURG 5 S	2	7	30	375	657	1027	1175	993	701	424B	179	38	B 5608	
ALLEGHENY PLATEAU 08														
OAKLAND 1 SE	9	33	75	472	800	1109	1368	1114	746	467	278	96	6567	6368
SAVAGE RIVER DAM	4	23	67	450	749	1115	1284	1100	801	509	280	113	6495	6375
DELAWARE														
NORTHERN 01														
BEAR 2 SW										424	208	49	M	
NEWARK UNIVERSITY FARM	0		2	298	596	935	1137	983	634	372	184		M 5141	4746
WILMINGTON NEW CASTLE R	0	1	11	325	636	945	1118B	1011	683	419	215	49	B 5413	4888
WILMINGTON PORTER RSVR	0	2	11	332	626	957	1155	1007	682	414	221	53	5460	5110
SOUTHERN 02														
DOVER	0	0	0	255	546	876	1064	913	597	362	185	20	4818	4212
GREENWOOD 2 NE	0	0	3	258	561	903	1095	904	616	415	191	28	4974	4816
HARRINGTON 4 NE										456	233		M	
LEWES	0	0	0	185	483	786	1019	832	564	367	196	14	4446	4098
MILFORD 2 SE	0	0	1	232	554	893	1084	910		410	194	22	M 4300	4622

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	46	30	43	34	*	*	111	52	8	38	36	*	85	23	38
	EVAP	27	34	-	8	*	*	79	40	6	23	17	*	53	15	34
	MAX	96	91	75	75	-	-	98	90	91	95	79	-	89	92	91
	MIN	68	68	66	66	-	-	68	73	74	71	69	-	65	68	67
UPPER MARLBORO 3 NNW	WIND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	EVAP	*	52	-	*	*	*	78	24	19	21	13	*	*	72	22
	MAX	100	92	76	76	97	100	102	100	95	100	83	91	93	97	96
	MIN	71	71	68	68	71	73	73	74	74	73	70	68	67	68	68

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	60	59	43	*	52	45	111	58	55	37	26	40	36	33	19	41	1259
	21	26	36	*	25	21	28	34	47	-	24	25	17	15	19	16	7.37B
	90	90	90	-	88	86	93	90	85	87	93	93	90	84	90	84	88.7
	68	66	65	-	64	65	71	69	70	65	66	70	72	68	66	67	68.0
UPPER MARLBORO 3 NNW	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	M
	*	48	29	*	*	53	27	26	12	21	*	*	*	78	18	9	6.43B
	94	97	97	92	97	95	96	93	89	91	98	96	91	91	93	80	93.2
	69	68	66	67	65	66	70	72	70	67	67	69	71	70	70	69	69.5

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

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																
MARYLAND APPALACHIAN MOUNTAIN 07																
CUMBERLAND POLICE BRK	SNOWFALL															
	SN ON GND						T									

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 12 UTC (GMT).
Water Equivalent: Given for NWS stations (J index note) only, when snow depth is 2 inches or more, and is measured at 18 UTC(GMT).

SNOWFALL AND SNOW ON GROUND (INCHES)

STATION	DAY OF MONTH															
	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
MARYLAND																
MARYLAND APPALACHIAN MOUNTAIN 07																
CUMBERLAND POLICE BRK																

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 12 UTC (GMT).
Water Equivalent: Given for NWS stations (J index note) only, when snow depth is 2 inches or more, and is measured at 18 UTC(GMT).

STATION INDEX

STATION	INDEX NO.	DIVISION	COUNTY	LATITUDE	LONGITUDE	ELEVATION (IN FEET)	OBSERVATION TIME AND TABLES LOCAL STD TIME TEMP	PRECIP	EVAP	SPECIAL SEE (NOTES)	OBSERVER
MARYLAND											
ABERDEEN PHILLIPS FLD	0015	06	HARFORD	39 28	76 10W	57	16	16		C H	US ARMY ABERDEEN TEST CT
ANNAPOLIS POLICE BRKS	0193	04	ANNE ARUNDEL	39 0	76 30W	25	17	17		H	ANNAPOLIS POLICE BRKS
ASSATEAGUE	0335	01	WORCESTER	38 4	75 13W	10	07	07		H	NATIONAL RESOURCES MGMT
BALTIMORE WASH INTL AP R	0465	04	ANNE ARUNDEL	39 10	76 41W	156	MID	MID		C HJ	ASOS - FAA
BELTSVILLE	0700	04	PRINCE GEORG	39 2	76 56W	145	08	08	08	C H	USDA AGRI RESEARCH CTR W
CATOCTIN MOUNTAIN PARK	1530	06	FREDERICK	39 39	77 29W	1610	17	17		H	CATOCTIN MOUNTAIN PARK
CHESTERTOWN	1750	05	KENT	39 13	76 3W	40	23	23		H	THOMAS W ELIASON JR
CLARKSVILLE 3 NNE	1862	06	HOWARD	39 15	76 56W	370	17	17		H	UNIVERSITY OF MD - CMREC
CONOWINGO DAM	2060	06	HARFORD	39 39	76 11W	40	07	07		H	SUSQUEHANNA ELECTRIC CO
CUMBERLAND 2	2282	07	ALLEGANY	39 39	78 45W	730	18	18		H	TIMOTHY B THOMAS
CUMBERLAND POLICE BRK	2285	07	ALLEGANY	39 38	78 50W	970	17	17		H	MARYLAND STATE POLICE
DALECARLIA RESERVOIR	2325	04	DISTRICT OF	38 56	77 7W	150	17	17		H	U S CORPS OF ENGINEERS
DAMASCUS 3 SSW	2336	06	MONTGOMERY	39 16	77 14W	697	22	22		H	ROBERT J LEFFLER
EMMITSBURG 2 SE	2906	06	FREDERICK	39 41	77 17W	416	16	16		H	LUCILLE K BEALE
FROSTBURG 2	3415	07	ALLEGANY	39 40	78 56W	2170	07	07		H	GREGORY P LATTA
GLENN DALE BELL STN	3675	04	PRINCE GEORG	38 58	76 48W	150	16	16		H	USDA PLANT INTRODUCT STN
HAGERSTOWN POLICE BRK	3980	07	WASHINGTON	39 36	77 44W	560	17	17		H	MARYLAND STATE POLICE
LAUREL 3 W	5111	04	PRINCE GEORG	39 5	76 54W	400	MID	MID		H	WA SUBURBAN SANITARY COM
MD SCI CTR BALTIMORE R	5718	04	BALTIMORE (C	39 17	76 37W	20	MID	MID		C H	ASOS - NWS
MECHANICSVILLE 5 NE	5865	03	ST. MARY'S	38 28	76 42W	100	19	19		H	SANDRA J HASTINGS
MILLERS 4 NE	5934	06	CARROLL	39 43	76 48W	860	18	18		C H	ROBERT MILLER
NATIONAL ARBORETUM DC	6350	04	DISTRICT OF	38 55	76 58W	50	07	07		H	US NATIONAL ARBORETUM
OAKLAND 1 SE	6620	08	GARRETT	39 24	79 24W	2420	17	17		H	BEA J CROSCO
OXON HILL	6800	03	PRINCE GEORG	38 48	77 0W	120	08	08		H	BRIAN SMITH
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 9W	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 POLICE BRKS	8003	01	WICOMICO	38 25	75 34W	40	17	17		H	MD STATE POLICE BARRACKS
SALISBURY FAA ARPT #	8005	01	WICOMICO	38 20	75 31W	48	MID	MID		H	FAA
SAVAGE RIVER DAM	8065	08	GARRETT	39 31	79 8W	1495	08	08	08	C H	USA CORPS OF ENGINEERS
SHARPSBURG 5 S	8207	07	WASHINGTON	39 24	77 43W	500	07	07		H	DAVID DOWNIN
SMITHSBURG 2 NW	8371	06	WASHINGTON	39 40	77 35W	670	08	08		H	SMITHSBURG W W T P
SNOW HILL 4 N	8380	01	WORCESTER	38 14	75 23W	30	17	17		H	CURTIS E SHOCKLEY
SOLOMONS	8405	03	CALVERT	38 19	76 27W	12	16	16		H	CHESAPEAKE BIOLOGIC LAB
UPPER MARLBORO 3 NNW	9070	04	PRINCE GEORG	38 52	76 47W	100	08	08	08	H	UNIVERSITY OF MARYLAND
VIENNA	9140	02	DORCHESTER	38 29	75 49W	10	18	18		H	DELMARVA POWER & LIGHT
DELAWARE											
BEAR 2 SW	1200	01	NEW CASTLE	39 36	75 44W	80	MID	MID		H	R. GARY GALLAHER
DOVER	2730	02	KENT	39 16	75 31W	30	16	16		H	DEPT OF TRANSPORTATION
GREENWOOD 2 NE	3595	02	SUSSEX	38 49	75 35W	45	07	07		H	DANIEL M SWARTZENTRUBER
HARRINGTON 4 NE	3615	02	KENT	38 57	75 31W	40	07	07		H	MARK GONZALEZ
LEWES	5320	02	SUSSEX	38 47	75 8W	15	17	17		H	BOARD OF PUBLIC WORKS
MILFORD 2 SE	5915	02	SUSSEX	38 54	75 26W	35	07	07		H	JACK HALL
NEWARK UNIVERSITY FARM	6410	01	NEW CASTLE	39 40	75 45W	90	17	17	17	C H	UNIV OF DEL AGRIC FARM
WILMINGTON NEW CASTLE R	9595	01	NEW CASTLE	39 40	75 36W	79	MID	MID		C HJ	ASOS - FAA
WILMINGTON PORTER RSVR	9605	01	NEW CASTLE	39 46	75 32W	270	MID	MID		H	WILMINGTON WATER DEPT

REFERENCE NOTES

DEFINITIONS

STATION NAMES: Name of the city, town or locality. Figures and letters following the station names indicate the distance in miles and direction from the post office or town community center.

DIVISIONS: Areas within a state of similar climatological characteristics. Division averages are calculated using data from stations that record both temperature and precipitation (i.e. not precipitation alone).

NORMALS: The average value of the meteorological element over a time period. Effective 1 January 2002, the averaging period is 1971 to 2000. 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."

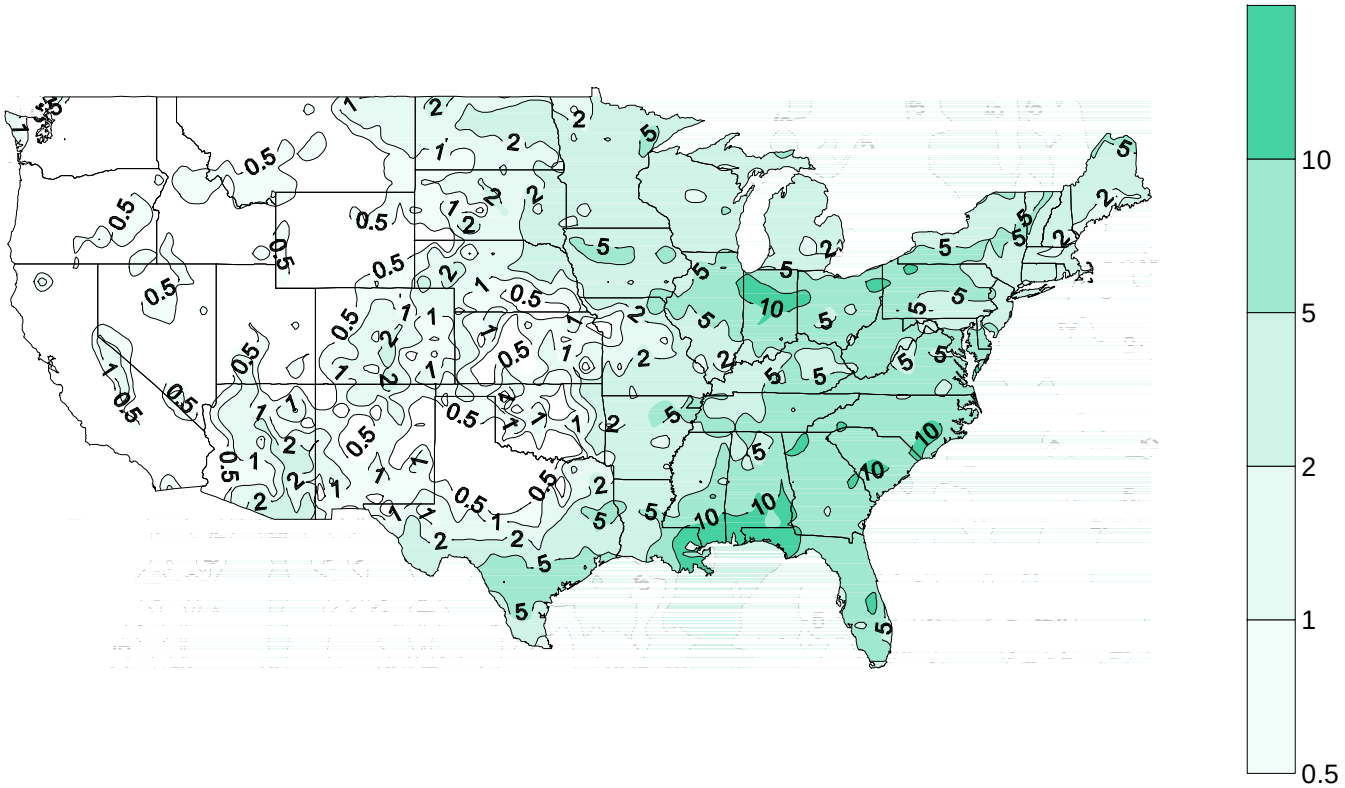
Information concerning the history of changes in locations, exposure, etc. of substations is kept on file at the National Climatic Data Center. Historical information of regular National Weather Service Offices may be obtained from the "Local Climatological Data" annual publication. The contents of this 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:

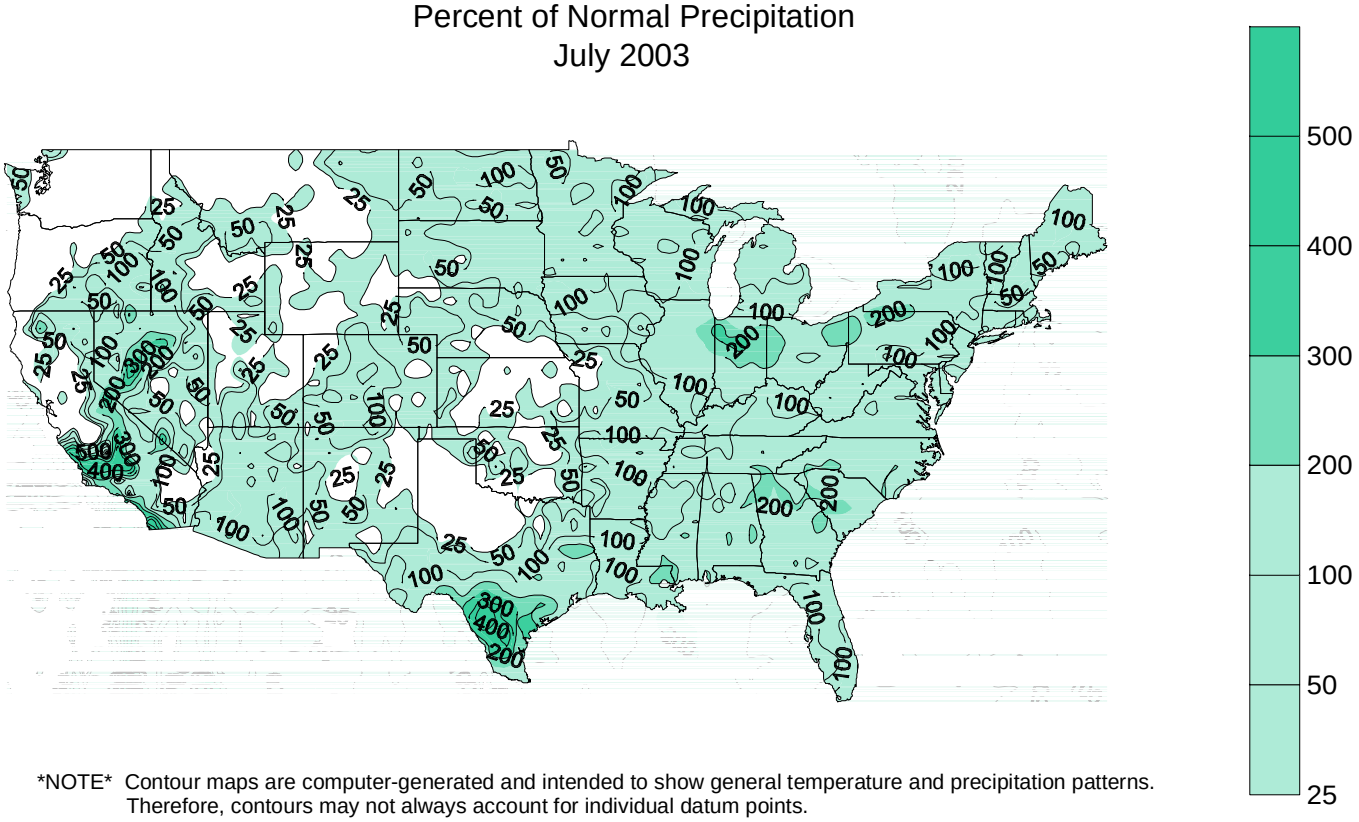
NCDC Subscription Services Center
310 State Route 956
Building 300
Rocket Center, WV 26726

Toll free number: (866) 742-3322
Fax number: (304) 726-4409

Total Precipitation (Inches)
July 2003



Percent of Normal Precipitation
July 2003

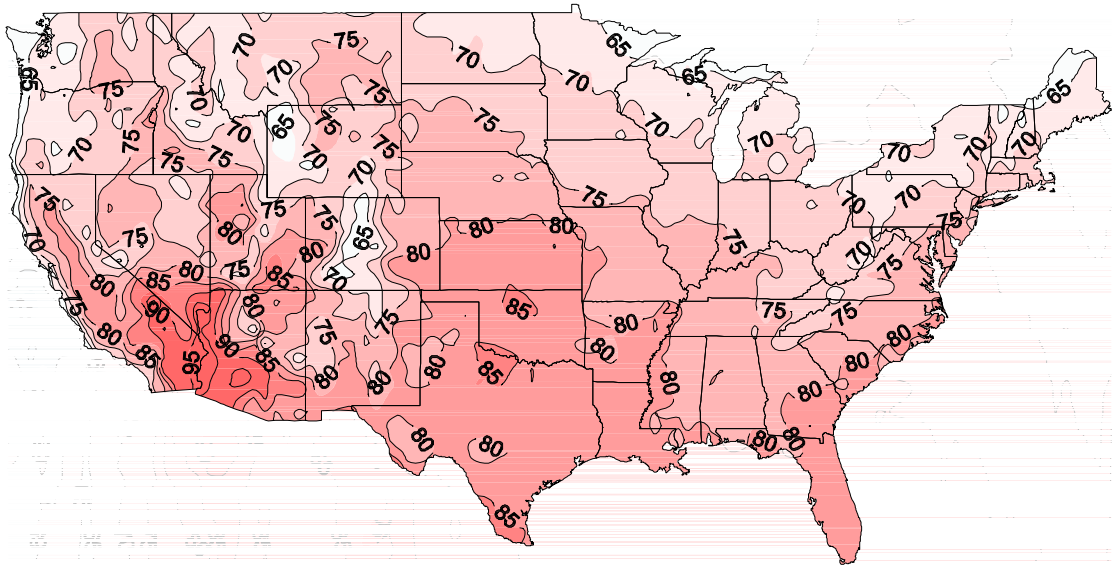


NOTE Contour maps are computer-generated and intended to show general temperature and precipitation patterns. Therefore, contours may not always account for individual datum points.

National Climatic Data Center, NOAA

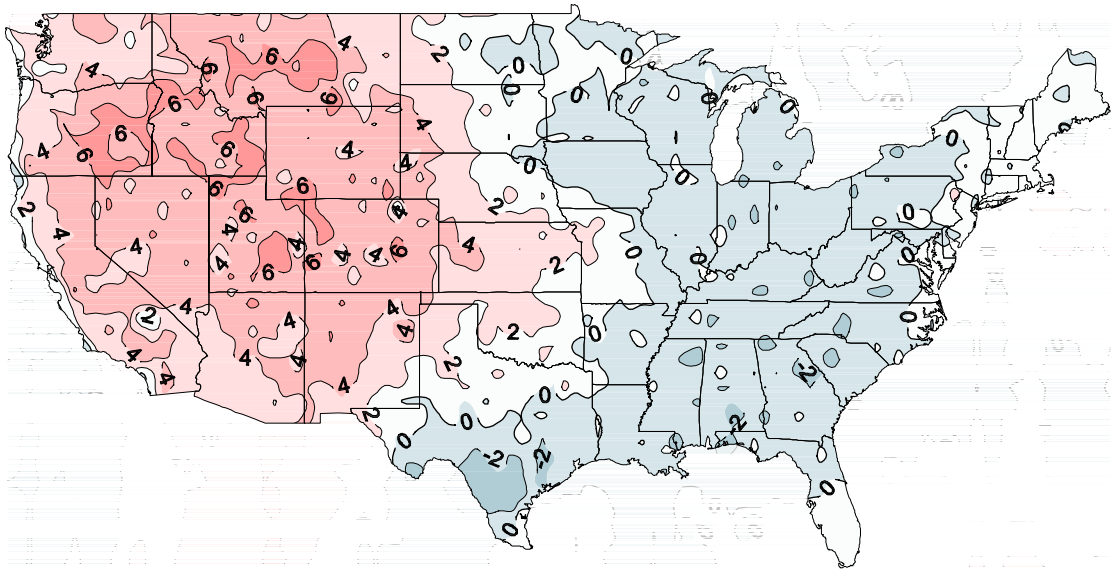
Average Temperature (Degrees F)

July 2003



Departure of Average Temperature from Normal (Degrees F)

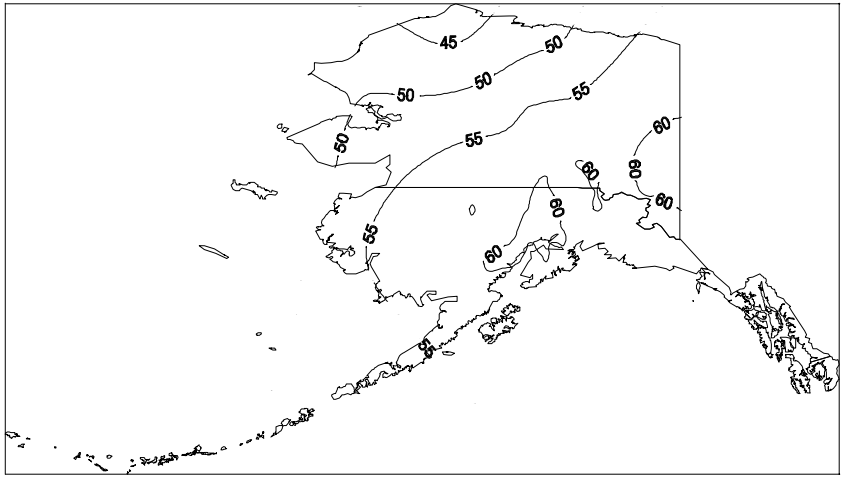
July 2003



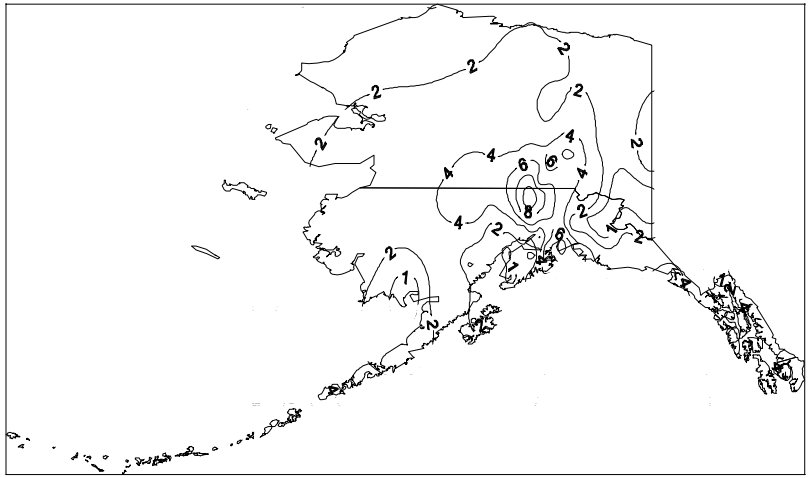
NOTE Contour maps are computer-generated and intended to show general temperature and precipitation patterns. Therefore, contours may not always account for individual datum points.

National Climatic Data Center, NOAA

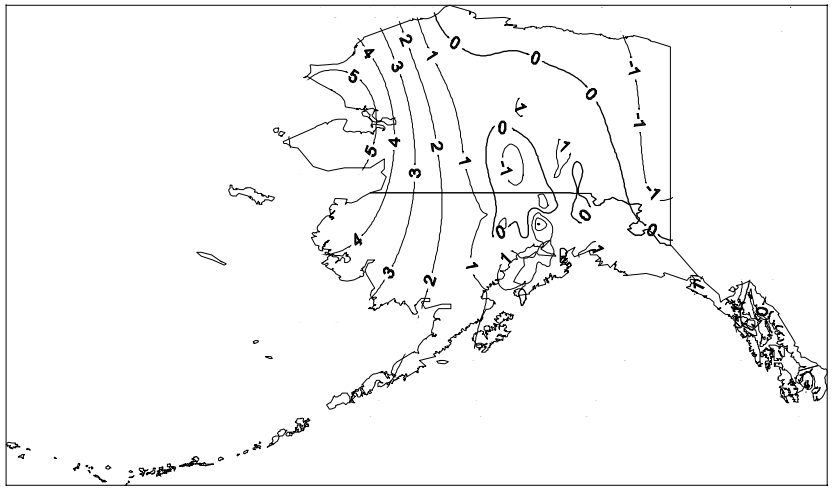
Average Temperature (Degrees F)
July 2003



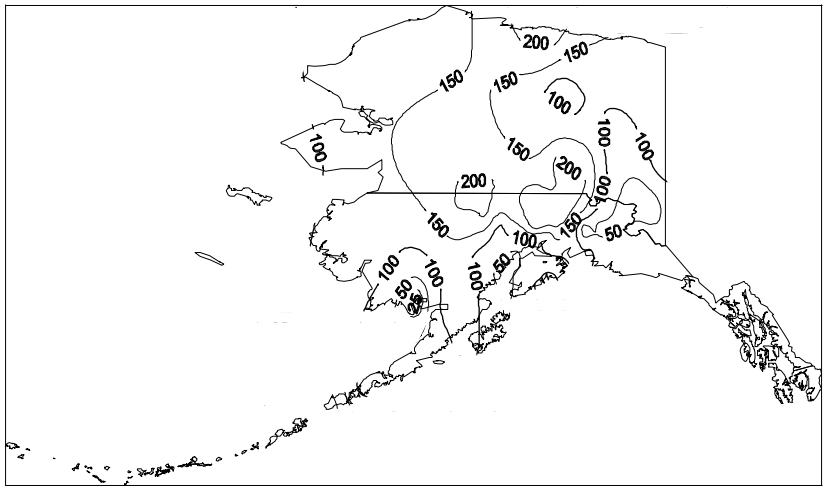
Alaska Precipitation (Inches)
July 2003



Departure of Average Temperature from Normal (Degrees F)
July 2003

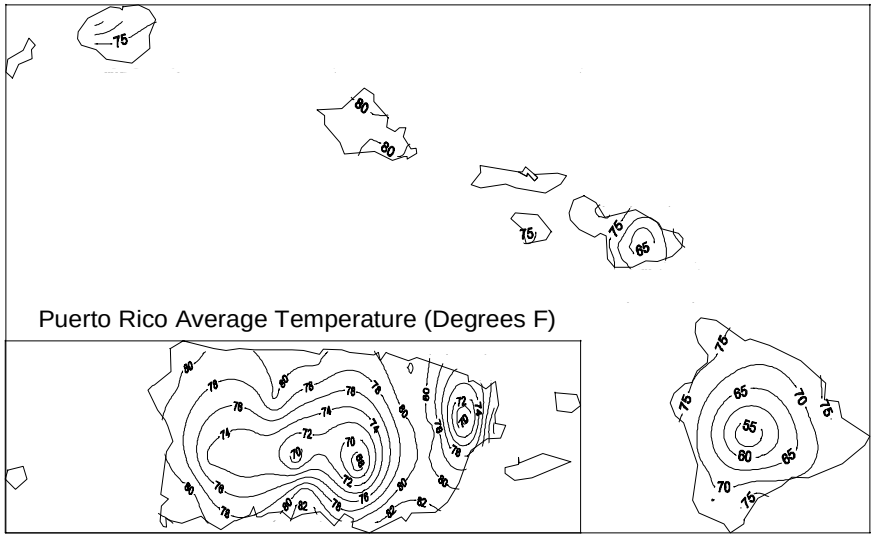


Percent of Normal Precipitation
July 2003

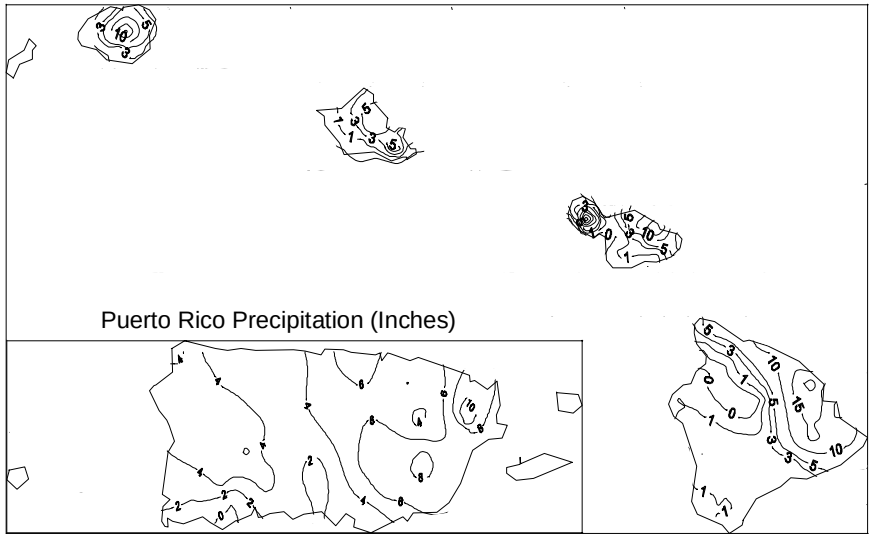


National Climatic Data Center, NOAA

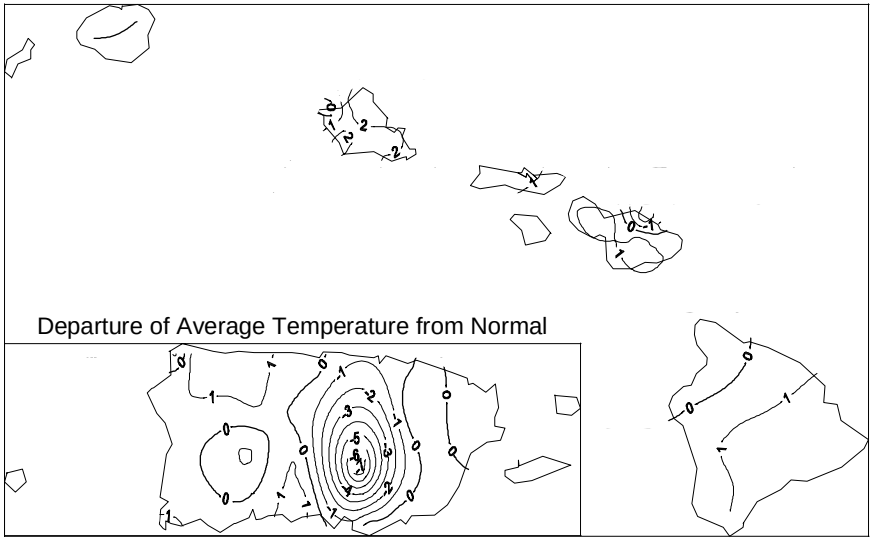
Hawaii Average Temperature (Degrees F)
July 2003



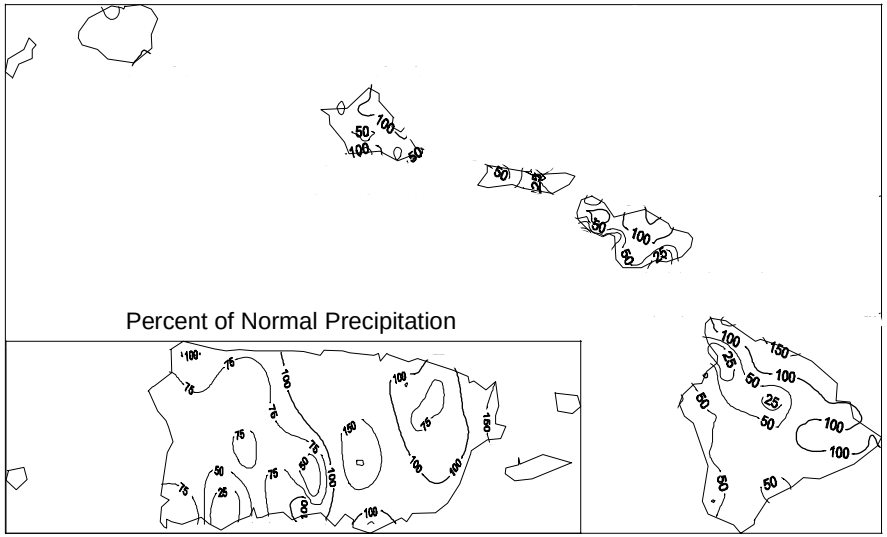
Hawaii Precipitation (Inches)
July 2003



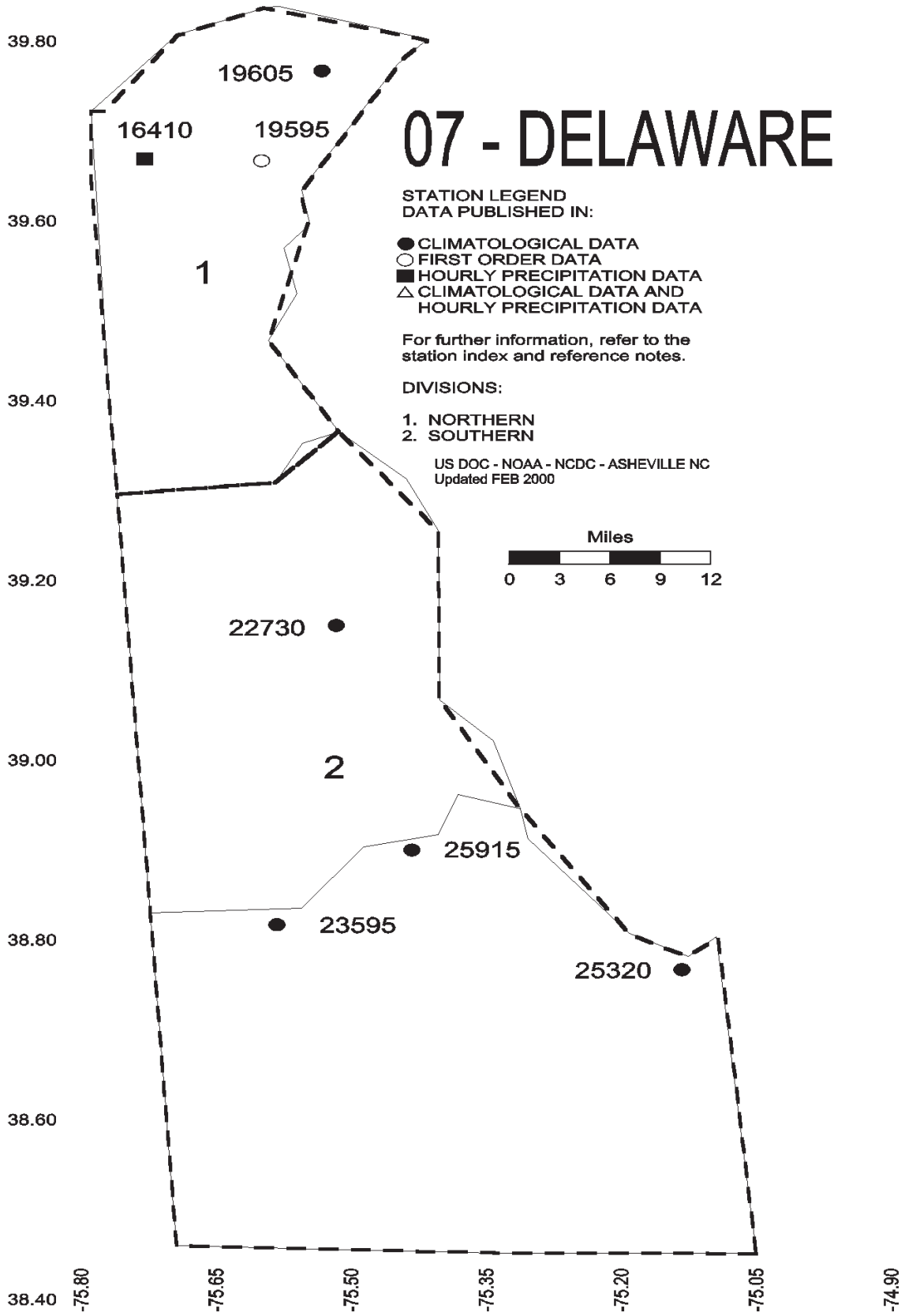
Departure of Average Temperature from Normal (Degrees F)
July 2003

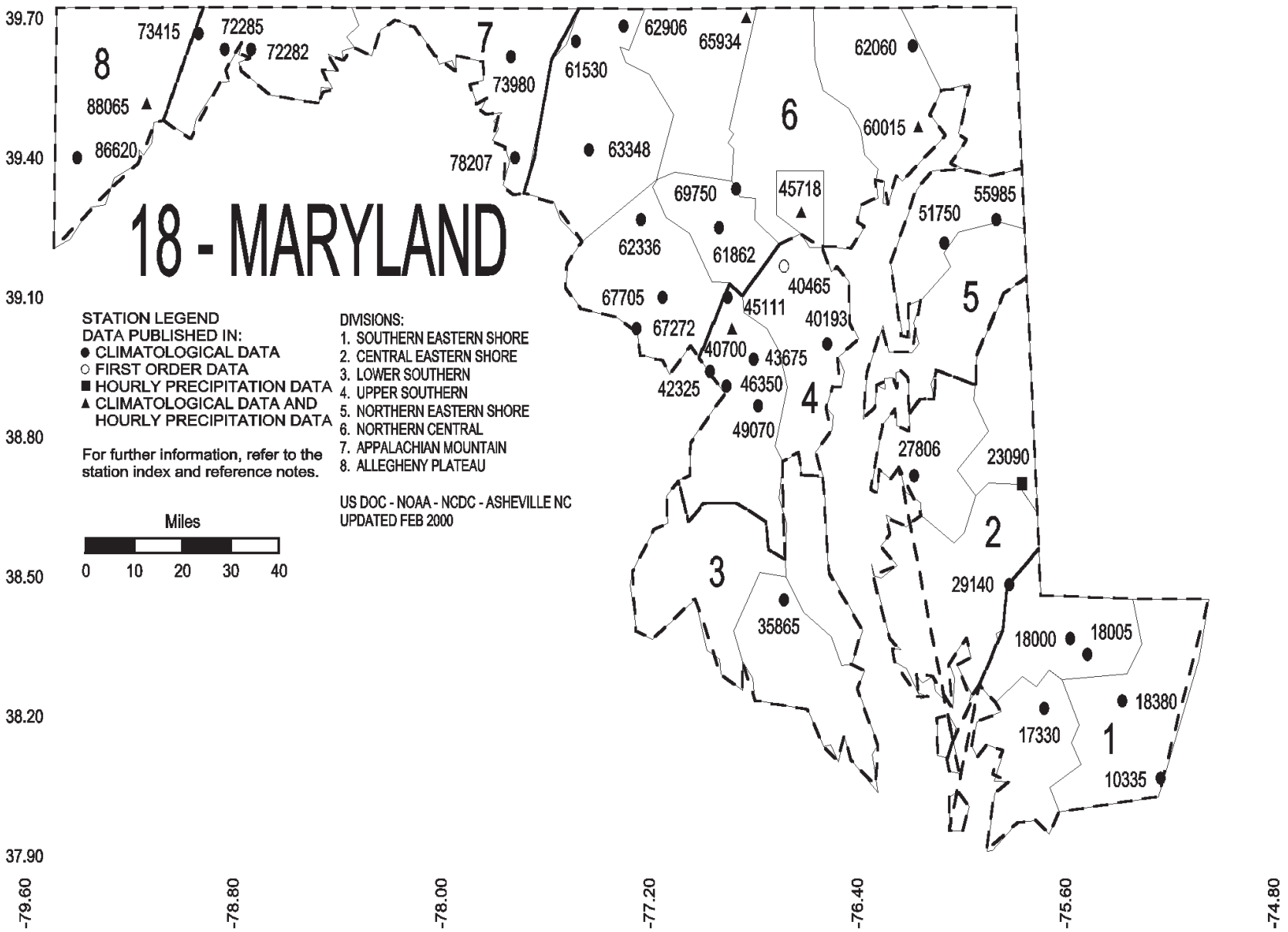


Hawaii Percent of Normal Precipitation
July 2003



National Climatic Data Center, NOAA


07 - DELAWARE
STATION LEGEND
DATA PUBLISHED IN:
CLIMATOLOGICAL DATA
FIRST ORDER DATA
HOURLY PRECIPITATION DATA
CLIMATOLOGICAL DATA AND HOURLY PRECIPITATION DATA
For further information, refer to the station index and reference notes.
DIVISIONS:
1. NORTHERN
2. SOUTHERN
US DOC - NOAA - NCDC - ASHEVILLE NC
Updated FEB 2000
Miles
0 3 6 9 12
19605
16410
19595
1
22730
2
25915
23595
25320
39.80
39.60
39.40
39.20
39.00
38.80
38.60
38.40
-75.80
-75.65
-75.50
-75.35
-75.20
-75.05
-74.90


18 - MARYLAND
STATION LEGEND
DATA PUBLISHED IN:
● CLIMATOLOGICAL DATA
○ FIRST ORDER DATA
■ HOURLY PRECIPITATION DATA
▲ CLIMATOLOGICAL DATA AND HOURLY PRECIPITATION DATA
For further information, refer to the station index and reference notes.
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
US DOC - NOAA - NCDC - ASHEVILLE NC
UPDATED FEB 2000
Miles
0 10 20 30 40
39.70
39.40
39.10
38.80
38.50
38.20
37.90
-79.60
-78.80
-78.00
-77.20
-76.40
-75.60
-74.80
1
2
3
4
5
6
7
8
73415
72285
72282
73980
61530
62906
65934
62060
88065
86620
78207
63348
60015
69750
45718
55985
51750
62336
61862
40465
67705
45111
40193
67272
40700
43675
42325
46350
49070
27806
23090
29140
35865
18000
18005
18380
17330
10335

To change your address, please return a copy of the mailing label along with your new address to:

NCDC Subscription Services Center
310 State Route 956
Building 300
Rocket Center, WV 26726

Toll free number: (866) 742-3322
TDD: (828) 271-4010
Fax number: (304) 726-4409

NCDC now offers an annual online subscription for the ***Climatological Data*** **publication**. When you purchase this subscription service, you will have **immediate online access** to all previous publications back to October 1997 and all publications thereafter until the expiration of the subscription. Your subscription is valid for one year after purchase. **The total cost is $36 for online delivery (including back issues) compared to $50 for offline delivery.** To order this and other subscriptions online with your credit card, go to: **www.ncdc.noaa.gov/mpp.html** and choose subscriptions.

Inquiries/Comments Call: (866) 742-3322 (Toll free)
(828) 271-4010 (TDD)
(304) 726-4409 (Fax)

NCDC Subscription Services Center
310 State Route 956
Building 300
Rocket Center, WV 26726

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

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300
CHANGE SERVICE REQUESTED