

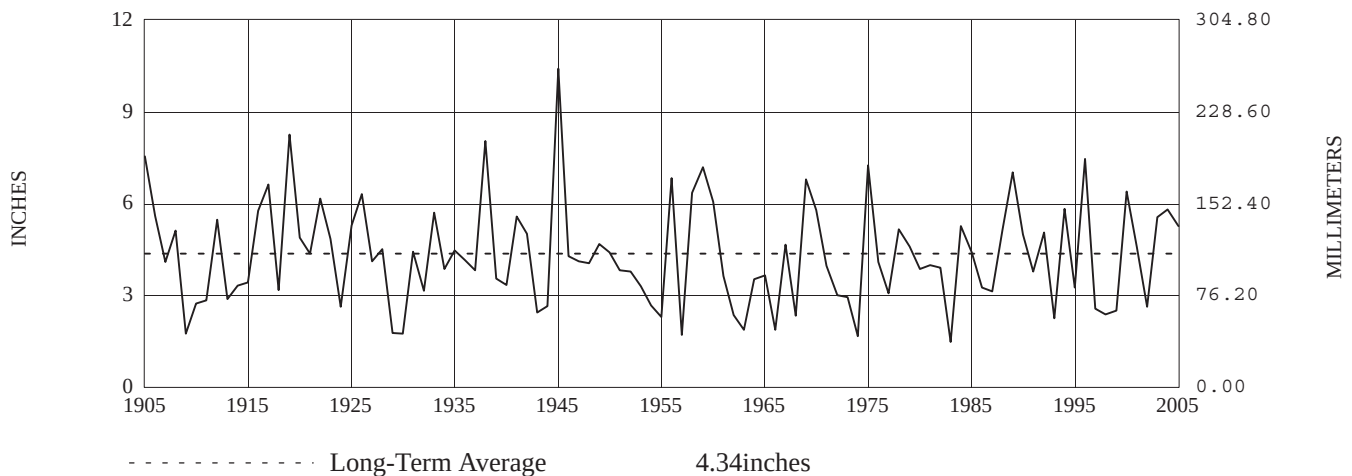
CLIMATOLOGICAL DATA

MARYLAND AND DELAWARE

JULY 2005

VOLUME 109 NUMBER 07

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MARYLAND AND DELAWARE PRECIPITATION JULY, 1905-2005

TEMPERATURE AND PRECIPITATION EXTREMES

MARYLAND

HIGHEST TEMPERATURE	102	JULY 27	SALISBURY POLICE BRKS
LOWEST TEMPERATURE	55	JULY 25	FROSTBURG 2
GREATEST TOTAL PRECIPITATION	10.74		POTOMAC FILTER PLANT
LEAST TOTAL PRECIPITATION	1.67		ASSATEAGUE
GREATEST 1 DAY PRECIPITATION	7.20	JULY 8	PRINCESS ANNE

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TEMPERATURE AND PRECIPITATION EXTREMES

DELAWARE

HIGHEST TEMPERATURE	99	JULY 27	LEWES
LOWEST TEMPERATURE	57	JULY 24	BEAR 2 SW
GREATEST TOTAL PRECIPITATION	5.99		LEWES
LEAST TOTAL PRECIPITATION	3.98		DOVER
GREATEST 1 DAY PRECIPITATION	2.15	JULY 8	LEWES

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MONTHLY STATION AND DIVISION SUMMARY

STATION	TEMPERATURE (°F)													
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	HEATING DEGREE DAYS	COOLING DEGREE DAYS	NO. OF DAYS			
											MAX		MIN	
											90 OR ABOVE	32 OR BELOW	32 OR BELOW	0 OR BELOW
MARYLAND														
SOUTHERN EASTERN SHORE 01														
ASSATEAGUE	87.2	70.0	78.6	3.0	95	13	61	25	0	430	11	0	0	0
PRINCESS ANNE	M	M	M		99	27+	60	26+			10	0	0	0
SALISBURY	88.5	72.3	80.4	2.9	98	28+	64	11+	0	484	12	0	0	0
SALISBURY POLICE BRKS	90.8M	70.7M	80.8M		102	27	64	9+	0	494	16	0	0	0
SALISBURY FAA AP	87.0	66.7	76.9	-.4	98	27	58	24	0	374	10	0	0	0
SNOW HILL 4 N	88.9	68.7	78.8	1.8	98	27+	61	24+	0	438	12	0	0	0
--DIVISIONAL DATA----->			79.1	2.4										
CENTRAL EASTERN SHORE 02														
ROYAL OAK 2 SSW	90.0	70.8	80.4	1.8	99	27	63	24+	0	486	17	0	0	0
VIENNA	90.5	69.9	80.2	2.1	100	27	62	24+	0	478	17	0	0	0
--DIVISIONAL DATA----->			80.3	2.6										
LOWER SOUTHERN 03														
MECHANICSVILLE 5 NE	86.2	68.3	77.3	.7	97	28	58	24	0	386	6	0	0	0
SOLOMONS	89.7	73.1M	81.4M		101	28	68	24+	0	520	15	0	0	0
--DIVISIONAL DATA----->			79.4	3.1										
UPPER SOUTHERN 04														
ANNAPOLIS POLICE BRKS	M	M	M		97	15	64	2			7	0	0	0
BALTIMORE WASH INTL AP R	86.9	69.0	78.0	1.5	96	27	60	24	0	408	12	0	0	0
BELTSVILLE	87.1	68.7	77.9	1.0	96	28	60	24	0	406	10	0	0	0
DALECARLIA RESERVOIR	89.9	70.3	80.1	2.5	100	28	62	9+	0	475	16	0	0	0
GLENN DALE BELL STN	87.5	66.9	77.2	2.0	98	28	57	24	0	386	12	0	0	0
MD SCI CTR BALTIMORE R	89.3	73.2	81.3		99	27	65	8	0	513	14	0	0	0
NATIONAL ARBORETUM DC	89.4	71.0	80.2	2.3	98	28+	63	24	0	477	15	0	0	0
OXON HILL	89.2	70.1	79.7		99	28	63	24	0	463	16	0	0	0
UPPER MARLBORO 3 NNW	88.5	68.8	78.7	2.8	99	28+	59	24	0	430	13	0	0	0
--DIVISIONAL DATA----->			79.1	2.0										
NORTHERN EASTERN SHORE 05														
CHESTERTOWN	90.3	67.7	79.0	1.6	100	27	60	25+	0	441	18	0	0	0
--DIVISIONAL DATA----->			79.0	2.4										
NORTHERN CENTRAL 06														
ABERDEEN PHILLIPS FLD	M	M	M		96	28+	64	11			11	0	0	0
CATOCTIN MOUNTAIN PARK	82.7	66.1	74.4	1.3	90	27	59	3	0	295	1	0	0	0
CONOWINGO DAM	90.6	68.1	79.4	3.2	100	28	58	10+	0	451	19	0	0	0
CYLBURN	M	M	M		94	28	58	9			4	0	0	0
DAMASCUS 3 SSW	84.1	67.0	75.6		93	27	59	24	0	332	3	0	0	0
EMMITSBURG 2 SE	M	M	M											
FREDERICK 2 NNE	88.0	67.8	77.9		98	28	60	24	0	406	11	0	0	0
MILLERS 4 NE	M	M	M											
PORT DEPOSIT 2 NE	87.7	66.2	77.0		97	28	59	25+	0	380	12	0	0	0
ROCKVILLE 1 NE	84.2	66.8	75.5	.2	98	27	56	9	0	333	6	0	0	0
SMITHSBURG 2NW	87.1	66.6	76.9		93	27+	57	24	0	375	7	0	0	0
--DIVISIONAL DATA----->			76.7	1.4										
APPALACHIAN MOUNTAIN 07														
CUMBERLAND 2	91.2M	64.8M	78.0M	3.5	101	26	59	9+	0	413	18	0	0	0
CUMBERLAND POLICE BRK	85.9	64.5	75.2		94	27+	56	24+	0	324	4	0	0	0
FROSTBURG 2	80.6	61.4	71.0	2.5	88	27	55	25+	0	192	0	0	0	0
HAGERSTOWN POLICE BRK	87.7	67.0	77.4		96	27	58	24	0	392	7	0	0	0
SHARPSBURG 5 S	88.2	64.6	76.4		95	28+	56	3	0	362	12	0	0	0
WILLIAMSPORT	88.4	66.1	77.3		96	28	60	25+	0	386	13	0	0	0
--DIVISIONAL DATA----->			75.9	3.1										
ALLEGHENY PLATEAU 08														
SAVAGE RIVER DAM	81.9	62.9	72.4	2.7	88	27	56	24+	0	233	0	0	0	0
--DIVISIONAL DATA----->			72.4	3.8										
DELAWARE														
NORTHERN 01														
BEAR 2 SW	86.9	67.8	77.4		96	27	57	24	0	390	9	0	0	0
NEWARK UNIV FARM	88.3	68.3	78.3	1.9	98	27	59	4	0	422	13	0	0	0
WILMINGTON NEW CASTLE R	85.5	68.4	77.0	.4	96	27	60	24+	0	377	7	0	0	0
WILMINGTON PORTER RSVR	85.4	69.8	77.6	2.4	95	27	63	10+	0	397	7	0	0	0
--DIVISIONAL DATA----->			77.6	1.4										
SOUTHERN 02														
DOVER	86.5	70.0	78.3	.5	95	27	62	9	0	419	11	0	0	0

MONTHLY STATION AND DIVISION SUMMARY

STATION	PRECIPITATION (IN)									
	TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	ICE PELLETS, 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	1.67	-1.95	.70	8	.0	0		5	1	0
PRINCESS ANNE	8.99	4.72	7.20	8	.0	0		5	2	1
SALISBURY	4.24	-.30	2.55	8	.0	0		7	2	1
SALISBURY POLICE BRKS	5.76				.0	0		5	1	0
SALISBURY FAA AP	M 7.07		5.63	8	.0	0		5	2	1
SNOW HILL 4 N	6.50	2.02	4.15	8	.0	0		5	3	2
--DIVISIONAL DATA----->	5.43	1.12			.0					
CENTRAL EASTERN SHORE 02										
ROYAL OAK 2 SSW	5.58	1.36	1.69	8	.0	0		8	3	2
VIENNA	3.98	.12	2.50	8	.0	0		7	1	1
--DIVISIONAL DATA----->	4.78	.59			.0					
LOWER SOUTHERN 03										
MECHANICSVILLE 5 NE	2.68	-1.80	1.01	8	.0	0		5	3	1
SOLOMONS	3.77		1.96	6	.0	0		4	2	2
--DIVISIONAL DATA----->	3.23	-.99			.0					
UPPER SOUTHERN 04										
ANNAPOLIS POLICE BRKS	M 4.75		1.90	8	.0	0		3	3	3
BALTIMORE WASH INTL AP R	8.77	4.92	2.79	16	.0	0		10	5	3
BELTSVILLE	6.18	2.09	2.10	8	.0	0		10	5	1
DALECARLIA RESERVOIR	5.18	.92	2.85	8	.0	0		7	3	1
GLENN DALE BELL STN	3.64	-.54	1.85	8	.0	0		7	1	1
MD SCI CTR BALTIMORE R	6.53		2.31	16	M	M		9	3	2
NATIONAL ARBORETUM DC	5.81	1.60	2.14	8	.0	0		9	4	1
OXON HILL	5.42		1.75	16	M	.0		6	3	2
UPPER MARLBORO 3 NNW	3.60	-.51	1.69	8	.0	0		6	1	1
--DIVISIONAL DATA----->	5.64	1.50			.0					
NORTHERN EASTERN SHORE 05										
CHESTERTOWN	4.90	.96	1.66	8	.0	0		8	3	2
--DIVISIONAL DATA----->	4.90	.85			.0					
NORTHERN CENTRAL 06										
ABERDEEN PHILLIPS FLD	7.25	3.04	2.35	8	.0	0		8	5	3
CATOCTIN MOUNTAIN PARK	4.94	1.12	2.43	8	.0	0		9	2	2
CONOWINGO DAM	5.78	1.58	1.70	9	.0	0		7	4	3
CYLBURN	M 6.41		2.35	8	.0	0		7	3	1
DAMASCUS 3 SSW	7.37		3.32	8	.0	0		9	4	2
EMMITSBURG 2 SE					.0	0				
FREDERICK 2 NNE	8.18		3.83	8	.0	0		7	4	2
MILLERS 4 NE					M	M				
PORT DEPOSIT 2 NE	5.72		1.56	9	.0	0		7	4	3
ROCKVILLE 1 NE	6.33	2.42	1.68	8	.0	0		9	4	3
SMITHSBURG 2NW	6.39		2.21	17	M	.0		9	3	2
--DIVISIONAL DATA----->	6.50	2.54			.0					
APPALACHIAN MOUNTAIN 07										
CUMBERLAND 2	5.87	2.45	2.80	14	.0	0		7	3	2
CUMBERLAND POLICE BRK	4.36		1.45	14	.0	0		5	4	2
FROSTBURG 2	3.83	-.08	1.57	8	.0	0		8	1	1
HAGERSTOWN POLICE BRK	3.52		2.00	8	.0	0		6	1	1
SHARPSBURG 5 S	5.99		2.10	8	M	.0		6	5	2
WILLIAMSPORT	5.17		1.80	8	.0	0		8	3	2
--DIVISIONAL DATA----->	4.79	1.15			.0					
ALLEGHENY PLATEAU 08										
SAVAGE RIVER DAM	3.85	-.34	1.77	8	.0	0		6	3	1
--DIVISIONAL DATA----->	3.85	-1.02			.0					
DELAWARE										
NORTHERN 01										
BEAR 2 SW	M 3.86		1.53	8	.0	0		8	3	1
NEWARK UNIV FARM	5.08	.59	1.66	8	.0	0		6	5	1
WILMINGTON NEW CASTLE R	4.82	.54	1.52	8	.0	0		8	4	1
WILMINGTON PORTER RSVR	M 4.71		1.93	8	.0	0		7	3	1
--DIVISIONAL DATA----->	4.95	.45			.0					
SOUTHERN 02										
DOVER	3.98	-.18	1.65	8	.0	0		8	2	1

MONTHLY STATION AND DIVISION SUMMARY

SEPT 2003

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
GREENWOOD 2NE LEWES SMYRNA 1 W --DIVISIONAL DATA----->	M 87.3 M	M 72.0 M	M 79.7 M 79.0	2.4 2.5	99	27	63	9	0	463	12	0	0	0

MONTHLY STATION AND DIVISION SUMMARY

JULY 2003

STATION	PRECIPITATION (IN)									
	TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	ICE PELLETS, SNOW			NO. OF DAYS		
					TOTAL	MAX. DEPTH ON GROUND	DATE	.10 OR MORE	.50 OR MORE	1.00 OR MORE
GREENWOOD 2NE	5.99	1.80	2.15	8	M	M				
LEWES					.0	0		7	5	1
SMYRNA 1 W					M	M				
--DIVISIONAL DATA----->	4.99	1.07			.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		1.67		.38					.70								
PRINCESS ANNE		8.99	*	*	*	*	.19	.10	7.20							.38	
SALISBURY		4.24					T	.13	2.55							.17	.20
SALISBURY POLICE BRKS		5.76		T			*	.37	* 4.20	T				.26	*	*	
SALISBURY FAA AP		M 7.07					.01	T	T 5.63							.25	.01
SNOW HILL 4 N		6.50		.25			T		4.15								1.05
CENTRAL EASTERN SHORE 02																	
ROYAL OAK 2 SSW		5.58					.38	.44	1.69							1.06	T
VIENNA		3.98						.35	2.50	.01						.10	
LOWER SOUTHERN 03																	
MECHANICSVILLE 5 NE		2.68	T	T	T			.62	1.01	.33				.04			
SOLOMONS		3.77						1.96	1.16	*	.04					T	.02
UPPER SOUTHERN 04																	
ANNAPOLIS POLICE BRKS		M 4.75					*	*	.40	1.90	.01					1.35	.01
BALTIMORE WASH INTL AP R		8.77	T				.38		.42	1.89					T	.11	1.04
BELTSVILLE		6.18		.23				.08		2.10	.09					.12	.83
DALECARLIA RESERVOIR		5.18		.02				.48		2.85							.51
GLENN DALE BELL STN		3.64						.35		1.85	.33						.09
LAUREL 3 W		8.32						.08		2.28					.01	2.71	.26
MD SCI CTR BALTIMORE R		6.53					.61		.39	1.66						.21	.26
NATIONAL ARBORETUM DC		5.81	T	.28					.39	2.14	.01						.10
OXON HILL		5.42	T	.06			.42			1.65	.04					.80	.01
UPPER MARLBORO 3 NNW		3.60		.33				.43		1.69						.01	.05
NORTHERN EASTERN SHORE 05																	
CHESTERTOWN		4.90	.30				.03	.43	.04	1.66						T	.18
NORTHERN CENTRAL 06																	
ABERDEEN PHILLIPS FLD		7.25		.76				.44		2.35						T	.22
CATOCTIN MOUNTAIN PARK		4.94					.13	.27	.23	2.43						.15	.02
CONOWINGO DAM		5.78		.02				1.12		1.09	1.70						.30
CYLBURN		M 6.41		.01				.88	.01	2.35	.31	-	-			.29	.01
DAMASCUS 3 SSW		7.37		.21			.21	1.27	.05	3.32							.96
EMMITSBURG 2 SE		M	-		-	-	-	-	-	-	-	-	-	-	-	-	-
FREDERICK 2 NNE		8.18	.02					.70		3.83	.05						2.04
MILLERS 4 NE		M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PORT DEPOSIT 2 NE		5.72						1.40		1.23	1.56						.10
POTOMAC FILTER PLANT		10.74					.68		.57	2.75						.20	3.60
ROCKVILLE 1 NE		6.33	.43				.11		.53	1.68						.37	1.27
SMITHSBURG 2NW		6.39						.57	.13	2.10	.05					.20	.46
APPALACHIAN MOUNTAIN 07																	
CUMBERLAND 2		5.87						.20		1.30	.62					2.80	.40
CUMBERLAND POLICE BRK		4.36						.29		1.18						1.45	.90
FROSTBURG 2		3.83	.19					.33		1.57	.37					.36	.38
HAGERSTOWN POLICE BRK		3.52					.26	.23	.27	2.00						.02	.04
SHARPSBURG 5 S		5.99						.90		2.10	.03					T	.12
WILLIAMSPORT		5.17						.33	.02	1.80	1.10						
ALLEGHENY PLATEAU 08																	
SAVAGE RIVER DAM		3.85						.81		1.77	.12				.02	.10	T
DELAWARE																	
NORTHERN 01																	
BEAR 2 SW		M 3.86					.25	.25	.18	1.53				-			
NEWARK UNIV FARM		5.08					.04	.52		1.66							
WILMINGTON NEW CASTLE R		4.82					.72	.20	.24	1.52				.53	T		
WILMINGTON PORTER RSVR		M 4.71	.02				.65	.45	.15	1.93				-			
SOUTHERN 02																	
DOVER		3.98						.35		1.65						.15	
GREENWOOD 2NE		M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LEWES		5.99	.31	.07				.67		2.15						.02	.04
SMYRNA 1 W		M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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	.11									.19	.15			.08	.06	
PRINCESS ANNE								*	*	.10			.22	.80		
SALISBURY	.02									.16			.07	.71	.23	
SALISBURY POLICE BRKS	.06	T								.15	.10		.50			.12
SALISBURY FAA AP	.10	T			T					T		.07		.75	.25	-
SNOW HILL 4 N	.05									.12	.02		.08	.08	.70	
CENTRAL EASTERN SHORE 02																
ROYAL OAK 2 SSW		T								.48			.21	.44	.88	
VIENNA	.05									.25		.13		.35	.22	.02
LOWER SOUTHERN 03																
MECHANICSVILLE 5 NE	T		T		T		T	.02		.02			.53	T	.11	
SOLOMONS		T	.19		T					.27			.06	.05	.02	
UPPER SOUTHERN 04																
ANNAPOLIS POLICE BRKS	1.01	*	*	*	*	*	*	*	.07	-	-	-	-	-	-	-
BALTIMORE WASH INTL AP R	2.79		T	T		.36		T	T	.39		.53		.86		
BELTSVILLE	.80	.27						.73		.19			.52		.22	
DALECARLIA RESERVOIR	.55	.17								.03			.24		.33	
GLENN DALE BELL STN		.42								.16			.16	.28		
LAUREL 3 W	.75		.09					.19		.24		.62		1.09		
MD SCI CTR BALTIMORE R	2.31					.01				.45		.34		.29		
NATIONAL ARBORETUM DC	.72	.90					T	.78		.19			.23		.07	
OKON HILL	1.75	T	T					.46		.06	.01		.14	T	.02	
UPPER MARLBORO 3 NNW	.02	.39						.09		.23			.31	.03	.02	
NORTHERN EASTERN SHORE 05																
CHESTERTOWN	1.05									.77		.27		.17		
NORTHERN CENTRAL 06																
ABERDEEN PHILLIPS FLD			1.37				.67			1.17			.27		T	
CATOCTIN MOUNTAIN PARK		1.12		.11		.01				.14			.33			
CONOWINGO DAM	.09	.24								.81			.41			
CYLBURN	*	1.60		.02						.67	.13		.13			
DAMASCUS 3 SSW	.06	.61	.17			.07				.27		.17		T		
EMMITSBURG 2 SE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FREDERICK 2 NNE	.56	.46	.05		.12		.05			.28			.02			
MILLERS 4 NE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PORT DEPOSIT 2 NE	.07	.36			.04					.58			.38			
POTOMAC FILTER PLANT	.98	.36				.60	.04					.23		.69	.04	
ROCKVILLE 1 NE	.35	.02	.23			.08		*	*	.18		.03		1.05		
SMITHSBURG 2NW	.01	2.21	T		.24		T			.32		.10				
APPALACHIAN MOUNTAIN 07																
CUMBERLAND 2	.02	.30	.03	.03						.13	.01		.02		.01	
CUMBERLAND POLICE BRK		.50	.04													
FROSTBURG 2	.04	.40	.10							.05	T		.04			
HAGERSTOWN POLICE BRK		.43		.08						.02			.17			
SHARPSBURG 5 S	.01	.63			.93		1.02	*	*	.23			.02			
WILLIAMSPORT	.31	.65	.12		.42		.08			.09			.25			
ALLEGHENY PLATEAU 08																
SAVAGE RIVER DAM	T	.69	.04	.05	.15					.05	.01		.04			
DELAWARE																
NORTHERN 01																
BEAR 2 SW	.54	.19		.02		.02				.33		.55				
NEWARK UNIV FARM	.65	.95								.41			.85			
WILMINGTON NEW CASTLE R	.94	.04		T						.29		.34				
WILMINGTON PORTER RSVR	.72	.04								.26		.49				
SOUTHERN 02																
DOVER	.17	.55								.16	.05	.39		.02	.49	
GREENWOOD 2NE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LEWES	.87	.88	.02										.21	.08	.67	
SMYRNA 1 W	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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

STATION	JUL		AUG		SEP		OCT		NOV		DEC		JAN		FEB		MAR		APR		MAY		JUN		TOTAL		TOTAL PRECIPITATION
	SNOWFALL	1 IN ON GD	SNOWFALL	1 IN ON GD	SNOWFALL	1 IN ON GD	SNOWFALL	1 IN ON GD	SNOWFALL	1 IN ON GD	SNOWFALL	1 IN ON GD	SNOWFALL	1 IN ON GD	SNOWFALL	1 IN ON GD	SNOWFALL	1 IN ON GD	SNOWFALL	1 IN ON GD	SNOWFALL	1 IN ON GD	SNOWFALL	1 IN ON GD	SNOWFALL	1 IN ON GD	
MARYLAND																											
SOUTHERN EASTERN SHORE 01																											
SALISBURY POLICE BRKS											.5	1	M 1.9	-	M .0	-									2.4	M 1	48.26
SALISBURY FAA AP											1.5	1	5.1	4	2.5	1	.5	0							9.6	6	54.94
SNOW HILL 4 N											6.0	-	3.8	5	2.3	2	1.0	1							13.1	M 8	52.84
CENTRAL EASTERN SHORE 02																											
ROYAL OAK 2 SSW											1.5	1	9.5	11	7.0	5	2.0	0							20.0	17	50.09
LOWER SOUTHERN 03																											
MECHANICSVILLE 5 NE											.5	0	M 5.6	10	7.5	7	1.8	1							15.4	18	44.93
SOLOMONS											M .0	0	M 2.7	-	M .0	1	M .0	-							2.7	M 1	55.72
UPPER SOUTHERN 04																											
ANNAPOLIS POLICE BRKS											M .0	1	M .0	-	M .0	-	M .0	-								M 1	46.37
BALTIMORE WASH INTL AP R											T 0	0	7.6	8	10.0	5	.4	3							18.0	16	45.46
BELTSVILLE											T 0	0	M 8.0	12	3.0	4	4.0	3							15.0	19	49.03
DALECARLIA RESERVOIR											M .0	0	10.5	-	3.0	-	.5	1							14.0	M 1	47.50
LAUREL 3 W											M .0	0	6.5	-	3.0	-	.1	0							9.6	M	45.48
NATIONAL ARBORETUM DC													6.5	12	M 2.8	-	2.2	2					M .0	0	11.5	M 14	46.48
OXON HILL	-	-	-	-				-			1.1	1	M 8.8	-	M 6.7	8	4.1	2					M .0	-	M 20.7	M 11	M 36.70
UPPER MARLBORO 3 NNW											1.0	2	8.4	11	5.7	8	3.1	3							18.2	24	45.79
NORTHERN EASTERN SHORE 05																											
CHESTERTOWN											.3	0	M 10.5	13	7.0	-	-	-		-					M 17.8	M 13	43.10
NORTHERN CENTRAL 06																											
ABERDEEN PHILLIPS FLD			M .0	-							M .0	-	M 4.0	-	M 8.0	-	4.5	2							16.5	M 2	50.67
CATOCTIN MOUNTAIN PARK											T 0	0	M .5	-	M .0	-	M 3.0	-							3.5	M	46.31
CONOWINGO DAM																	4.5	-							4.5	M	M
CYLBURN													M 6.9	-	M .0	-									6.9	M	42.39
DAMASCUS 3 SSW											T 0	0	M 10.5	13	12.7	10	3.9	5	T	0					27.1	28	44.01
EMMITSBURG 2 SE													M 7.0	-	M 5.3	-	6.9	4					M .0	-	19.2	M 4	44.39
FREDERICK 2 NNE									-	-	M .0	-	-	-	7.5	-	4.5	-		-		-			M 12.0	M	M 30.00
MILLERS 4 NE											.7	0	11.7	14	14.4	11	4.1	6	T	0					30.9	31	46.40
PORT DEPOSIT 2 NE	-	-	-	-									18.0	-	8.8	-	6.0	-							M 32.8	M	M
ROCKVILLE 1 NE	-	-	-	-	M .0	-							M 8.3	-	M .0	-	T	-							M 8.3	M	M 28.00
SMITHSBURG 2NW													M 3.3	-	M 8.5	-	M .9	-							12.7	M	33.03
APPALACHIAN MOUNTAIN 07																											
CUMBERLAND 2									T	0	T 0	0	4.0	-	6.0	-	7.5	-							17.5	M	41.74
CUMBERLAND POLICE BRK													M .5	-	12.0	3	M 2.0	-							14.5	M 3	40.32
FROSTBURG 2									.8	1	4.3	5	7.9	15	9.9	13	17.8	12	2.2	1					42.9	47	51.70
HAGERSTOWN POLICE BRK											M .0	-	M 5.0	-	6.0	2	M .0	5							11.0	M 7	35.36
SHARPSBURG 5 S							T	0			T 0	0	6.1	6	8.2	3	M 6.1	-	M .0	-					20.4	M 9	37.54
WILLIAMSPORT	-	-	-	-			-	-					3.8	-	6.7	0	4.7	2							M 15.2	M 2	M
ALLEGHENY PLATEAU 08																											
SAVAGE RIVER DAM											M .0	2	M .0	-	M .0	-	M 2.0	-							2.0	M 2	40.05
DELAWARE																											
NORTHERN 01																											
BEAR 2 SW					-	-					M .0	0	-	-	13.5	9	1.0	4							M 14.5	M 13	M 45.97
WILMINGTON NEW CASTLE R											.3	0	12.1	10	13.5	5	1.0	5							26.9	20	53.00
WILMINGTON PORTER RSVR											-	-	M 9.4	-	9.6	9	1.0	-							M 20.0	M 9	54.18
SOUTHERN 02																											

MARYLAND AND DELAWARE
JULY 2005

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

JULY 2005																											
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	
DOVER																											50.19
GREENWOOD 2NE																											45.04
LEWES																											49.44

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

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		88	89	87	93	94	93	92	90	88	90	85	92	88	82	83	83	87.2
		74	72	74	73	73	74	76	74	62	61	68	74	73	71	72	71	70.0
PRINCESS ANNE					94	94	99	94				98	99	98	87			M
					72	74	62	72				60	75	67	67			M
SALISBURY		90	91	92	92	91	92	90	90	88	88	96	98	98	84	81	81	88.5
		76	76	78	79	78	73	76	76	67	69	76	79	71	71	73	71	72.3
SALISBURY POLICE BRKS		90	97		97	93	96	92		92	92	97	102	92	80	81	83	90.8
		76	76		78		72	75		66	66	76	76	70	66	66	70	70.7
SALISBURY FAA AP		90	91	91	92	90	92	91	88	88	87	95	98	83	81	80	81	87.0
		74	73	74	75	73	64	68	62	58	65	70	72	69	67	66	66	66.7
SNOW HILL 4 N		89	93	93	94	92	92	92	90	89	89	98	98	97	83	83	82	88.9
		74	75	74	75	74	67	72	69	61	64	73	76	70	68	72	68	68.7
CENTRAL EASTERN SHORE 02																		
ROYAL OAK 2 SSW		93	93	94	95	93	94	94	89	90	92	97	99	96	83	82	86	90.0
		75	75	77	78	77	68	75	73	63	69	75	80	69	69	71	67	70.8
										55								
VIENNA		92	92	94	96	95	94	95	92	91	89	98	100	98	85	82	82	90.5
														84				
		74	75	68	74	80	69	69	73	62	67	75	80	66	69	72	68	69.9
		65					81											
LOWER SOUTHERN 03																		
MECHANICSVILLE 5 NE		84	89	89	89	92	89	91	91	87	87	90	95	97	81	79	80	86.2
		72	73	74	76	74	68	69	68	58	60	68	76	67	67	69	67	68.3
SOLOMONS		86	88	94	94	96	93	95	92	95	89	94	95	101	87	88	83	89.7
		***							***									
			76	76	79	76	75	74		68	69	73	81	72	71	74	71	73.1
UPPER SOUTHERN 04																		
ANNAPOLIS POLICE BRKS		87								92					78			M
		76								89					74			M
BALTIMORE WASH INTL AP		83	90	90	90	90	92	92	87	86	91	94	96	81	76	82	81	86.9
		73	74	75	74	73	68	71	65	60	68	74	73	67	69	70	66	69.0
BELTSVILLE		84	87	90	90	89	89	91	91	85	88	93	95	96	80	76	82	87.1
		73	71	74	73	76	67	71	68	60	69	71	76	68	70	69	67	68.7
DALECARLIA RESERVOIR		87	91	92	93	94	93	95	92	94	89	92	98	100	85	79	85	89.9
		75	70	77	77	74	75	71	65	64	72	71	78	67	67	67	68	70.3
GLENN DALE BELL STN		86	85	90	91	90	91	92	92	88	86	94	97	98	83	75	83	87.5
		85	90	91	90	91	92	92	88	86	94	97	98	83	75	83	87	
		71	70	72	72	69	65	69	62	57	68	72	79	65	69	68	66	66.9
MD SCI CTR BALTIMORE		84	91	93	94	91	94	94	88	89	94	97	99	84	83	85	83	89.3
		73	74	78	78	79	76	76	77	70	69	80	76	71	72	72	73	73.2
NATIONAL ARBORETUM DC		88	93	92	91	92	91	93	94	89	89	95	98	98	84	77	85	89.4
														89				
		74	72	76	77	78	71	73	68	63	70	71	81	72	72	72	70	71.0
										71								
OXON HILL		86	91	92	92	92	92	92	93	89	88	94	98	99	84	79	84	89.2
		75	74	74	76	76	70	73	69	63	65	70	78	69	71	70	70	70.1
UPPER MARLBORO 3 NNW		87	87	90	91	93	91	93	94	88	87	94	99	99	84	79	84	88.5
		73	71	74	74	75	68	71	68	59	69	69	77	67	70	70	67	68.8
NORTHERN EASTERN SHORE 05																		
CHESTERTOWN		89	93	95	95	94	95	95	90	91	92	99	100	87	80	85	84	90.3
		71	71	76	76	73	68	71	72	61	60	71	72	65	68	66	66	67.7
NORTHERN CENTRAL 06																		
ABERDEEN PHILLIPS FLD				92	92	91	92	92			89	95	96	96	82			M
				75	77	77	69	70			69	75	80	68	66			M
CATOCTIN MOUNTAIN PARK		83	84	84	84	82	85	84	83	81	87	89	90	84	80	81	79	82.7
		71	70	70	72	68	68	69	67	61	67	70	76	62	61	63	65	66.1
CONOWINGO DAM		90	86	94	94	96	94	96	96	90	90	94	98	100	86	85	88	90.6
		86	94	94	96	94	96	96	90	90	94	98	100	86	85	88	84	
		70	74	65	76	76	68	73	76	62	70	73	78	71	68	69	71	68.1
		74	65	76	76	68	73	76	62	70	73	78	71	68	69	71	73	
CYLBURN						89	87	90					93	94	80	80		M
						74	69	71					75	65	66	69		M
DAMASCUS 3 SSW		84	87	86	86	86	88	89	82	83	90	91	93	76	75	81	79	84.1
		73	74	72	74	70	66	69	64	59	66	69	71	71	64	65	66	67.0
EMMITSBURG 2 SE																		M
																		M
FREDERICK 2 NNE		82	88	90	89	88	89	90	90	85	86	93	96	98	81	83	87	88.0
		72	73	74	74	73	67	70	70	60	62	70	74	67	65	65	67	67.8
MILLERS 4 NE																		M
																		M

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
PORT DEPOSIT 2 NE	07	MAX MIN OBS	89 69	88 70	86 61	86 59	87 60	83 66	84 67	80 63	76 61	87 62	90 63	91 65	92 68	88 70	84 71
ROCKVILLE 1 NE	MID	MAX OBS MIN OBS	89 67	83 67	80 60	84 61	83 68	82 66	83 65	73 59	77 56	80 58	82 67	86 60	80 66	81 64	79 67
SMITHSBURG 2NW	08	MAX OBS MIN OBS	91 69	91 70	85 64	85 66	82 67	88 67	85 *** 67	83 64	83 63	85 59	87 59	89 66	93 71	89 70	89 72
APPALACHIAN MOUNTAIN CUMBERLAND 2	07	18	MAX MIN	92 68	89 59	84 60	90 67	91 63	87 64	81 64	87 59	90 60	89 62	91 66			
CUMBERLAND POLICE BRK	17	MAX MIN OBS	89 68	90 65	82 56	85 55	88 66	86 65	84 61	76 62	83 57	86 57	86 58	88 64	85 69	78 68	84 69
FROSTBURG 2	07	MAX MIN	85 64	83 60	76 56	76 60	82 61	82 64	78 58	76 59	74 55	76 56	81 57	82 60	84 64	82 65	74 67
HAGERSTOWN POLICE BRK	17	MAX OBS MIN OBS	91 69	89 70	86 61	86 65	85 71	85 64	85 64	79 63	86 60	88 60	90 66	90 72	90 70	84 70	84 71
SHARPSBURG 5 S	07	MAX OBS MIN OBS	92 67	93 66	89 56	84 58	88 69	86 68	87 61	82 63	80 60	85 58	88 59	90 61	92 66	89 69	87 70
WILLIAMSPORT	06	MAX MIN	91 68	91 70	91 63	86 64	91 63	86 68	88 65	84 64	79 64	87 61	89 62	90 62	92 65	88 69	86 69
ALLEGHENY PLATEAU SAVAGE RIVER DAM	08	MAX MIN	87 65	84 62	84 56	77 63	84 57	82 67	80 60	76 61	77 57	81 57	83 57	84 60	84 66	81 66	75 68
DELAWARE NORTHERN BEAR 2 SW	01	MID	MAX MIN	89 69	85 66	83 60	86 60	84 69	86 68	76 67	73 64	86 58	89 61	91 61	93 66	86 71	89 72
NEWARK UNIV FARM	19	MAX MIN OBS	93 70	86 73	87 65	88 59	84 68	86 66	85 70	73 61	87 60	90 63	90 71	95 70	86 69	85 68	90 71
WILMINGTON NEW CASTLE	MID	MAX MIN	84 71	85 68	81 62	84 61	81 69	85 67	75 65	72 64	85 60	88 63	89 63	92 69	83 70	84 72	86 75
WILMINGTON PORTER RSVR	MID	MAX MIN	87 71	87 70	81 65	85 63	84 69	84 68	76 65	70 63	83 63	87 63	88 70	91 70	83 69	83 72	88 74
SOUTHERN DOVER	02	16	MAX MIN	88 70	87 67	81 65	81 63	87 68	83 72	72 64	84 62	88 66	90 63	92 72	92 73	83 70	84 73
GREENWOOD 2NE	07	MAX MIN															
LEWES	17	MAX MIN	86 70	84 71	77 67	80 67	86 69	83 74	85 70	80 67	87 63	92 68	92 70	91 74	86 74	86 73	85 74
SMYRNA 1 W	07	MAX MIN															

DAILY TEMPERATURES (°F)

STATION		DAY OF MONTH																AVERAGE
		16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
PORT DEPOSIT 2 NE		89 73	82 71	90 70 ***	91 73	91 72	90 67	92 67	92 70	87 60	88 59	90 67	95 71	97 64	83 64	84 64	86 66	87.7 66.2
ROCKVILLE 1 NE		89 71	88 71	90 74	86 75	88 75	90 69	91 72	83 64 ***	83 59 ***	92 68	95 76	98 72	78 68	75 70	83 68	80 68	84.2 66.8
SMITHSBURG 2NW		85 74	90 72	89 71	88 73	88 69	88 64	88 67	88 66	84 57	83 69	90 68	93 68	92 66	80 60	82 63	86 64	87.1 66.6
APPALACHIAN MOUNTAIN CUMBERLAND 2 07					95 72	96 67	95 67	93 71	93 61	90 61	97 64	101 69	99 66	85 66	90 67	93 67	93 66	91.2 64.8
CUMBERLAND POLICE BRK		85 72	87 69	87 69	88 73	89 68	88 62	86 66	87 65	84 56	91 72 89	94 63	94 63	78 66	84 62	85 63	87 63	85.9 64.5
FROSTBURG 2		82 67	83 66	83 66	82 70	82 66	83 61	82 63	82 62	79 55	79 55	83 62	88 64	85 61	73 58	80 58	82 62	80.6 61.4
HAGERSTOWN POLICE BRK		89 73	89 72	89 72	88 69	86 69	89 65	88 65	89 66	89 58	92 70	95 69	96 75 90	87 67	83 62	86 67	87 67	87.7 67.0
SHARPSBURG 5 S		85 71	92 73	91 70	90 71	89 68	89 62	90 64	91 69 ***	87 57 ***	86 58 ***	93 66	95 66	95 65	79 62	83 64	86 65	88.2 64.6
WILLIAMSPORT		84 71	90 72	89 72	90 72	89 71	90 62	89 66	90 70	87 60	87 60	93 70	94 70	96 68	81 63	84 62	87 62	88.4 66.1
ALLEGHENY PLATEAU SAVAGE RIVER DAM 08		80 69	83 69	83 69	82 70	83 67	84 62	84 64	82 64	82 56	80 58	84 63	88 64	87 65	74 64	82 64	81 61	81.9 62.9
DELAWARE NORTHERN BEAR 2 SW 01		85 74	87 74	91 76	91 75	88 72	91 67	92 72	86 65	87 57	90 68	94 74	96 75	83 67	84 62	84 70	84 67	86.9 67.8
NEWARK UNIV FARM		85 66	90 72	92 77	93 74	89 74	93 66	93 65	88 65	87 68	93 74	95 73	98 75	84 64	85 64	82 70	84 66	88.3 68.3
WILMINGTON NEW CASTLE		81 75	87 74	90 76	91 75	88 72	90 68	92 72	87 67	85 60	88 69	94 74	96 71	82 66	81 63	82 71	82 67	85.5 68.4
WILMINGTON PORTER RSVR		80 74	86 74	90 75	90 76	87 74	90 73	90 74	85 73	86 67	89 69	93 76	95 72	82 67	83 66	82 70	82 68	85.4 69.8
SOUTHERN DOVER 02		82 75	87 74	90 74	90 76	90 77	90 73	91 75	88 68	88 65	87 68	93 76	95 75	94 69	80 70	79 68	81 70	86.5 70.0
GREENWOOD 2NE																		M
LEWES		86 74	87 75	93 76	94 79	90 73	92 72	90 75	89 75	84 67	90 68	94 77	99 80	98 76	80 71	80 71	79 72	87.3 72.0
SMYRNA 1 W																		M

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	4	165	395		853	730	723	380	226	17	M 3493	4266
PRINCESS ANNE													M	4198
SALISBURY	0	0	9	202	404	696	833	680	678	231	147	8	3888	3936
SALISBURY POLICE BRKS	0	0	9	197	411	703	857B	698	682	235	143B	8B	B 3943	
SALISBURY FAA AP	0	3	23	300	529	820	922	788	786	373	265	29	4838	4254
SNOW HILL 4 N	0	2	13	229	424	719	833	697	719	284	171	14	4105	4008
CENTRAL EASTERN SHORE 02														
ROYAL OAK 2 SSW	0	1	11	200	424	725	881	728	686	238	122	2	4018	3967
VIENNA	0B	0	9	210	418	717	850	716	696	263	127	3	B 4009	4073
LOWER SOUTHERN MECHANICSVILLE 5 NE 03														
SOLOMONS	0	4	24	315	470	853	936	785	767	332	218	13	4717	4299
UPPER SOUTHERN ANNAPOLIS POLICE BRKS 04		0B	0B	142B	350B	634B	808B	693	684B	248B	126	0B	M 3685	
BALTIMORE WASH INTL AP R	0	0	7	176	431	742	909B	712	668	222B	135B	5B	B 4007	4695
BELTSVILLE	0	2	14	291	487	845	952	786	750	298	183	9	4617	4720
DALECARLIA RESERVOIR	0	3	17	284	467	850	959	765	755	315	180	6	4601	4707
GLENN DALE BELL STN	0	3B	12	214	445	810	930B	748	803	316	191	4	B 4476	4382
MD SCI CTR BALTIMORE R	0	4	25	316	510	880	986	805	803	350	223	12	4914	4970
NATIONAL ARBORETUM DC	0	0	3	191	394	756	902	721	689	233	115	5	4009	
OXON HILL	0	0	12	238	429	807	909	715	697	263	139		M 4209	4571
UPPER MARLBORO 3 NNW	0	13	246	436	798	929B	719	707	274	147		0B	M 4269	
NORTHERN EASTERN SHORE 05	0	3	21	285	468	845	959	777	756	321	173	8	4616	4785
CHESTERTOWN	0	0	10	251	502	822	978	798	733	289	147	15	4545	4559
NORTHERN CENTRAL ABERDEEN PHILLIPS FLD 06														
CATOCTIN MOUNTAIN PARK	0	0B	7B		457B			731B	745B	203B		3B	M 2146	4459
CONOWINGO DAM	0	11	27	352	564	931	1061	846	899	329	233	15	5268	5370
CYLBURN	0								809B				M	5044
DAMASCUS 3 SSW	0	8	20	344	528	896	1019	825	824	319	220	18	5021	
EMMITSBURG 2 SE	0	5	15	332	498	882	996	863	817	296	232	13B	B 4949	5032
FREDERICK 2 NNE	0	3B	16	314		873B		833	804		206	4	M 3053	
MILLERS 4 NE	0	6	15	331	532	897	1038	840	846	315	226	8	5054	5162
PORT DEPOSIT 2 NE							1062	851	851	335	228	9	M 3336	
ROCKVILLE 1 NE			11	261	468	836	927	764	808	377	267	25	M 4744	4990
SMITHSBURG 2NW	0B	12	32	381	552	947	1011B	868B	923B	379	277	12	B 5394	
APPALACHIAN MOUNTAIN 07														
CUMBERLAND 2	0	4	20	316	508	922	986	816	792	278	200	5	4847	5191
CUMBERLAND POLICE BRK	0	11	34	378	535	946	999	846	833	316	240	15	5153	
FROSTBURG 2	10	56	82	458	649	1077	1135B	974	1047	461	374	58	B 6381	6775
HAGERSTOWN POLICE BRK	0	2	16	303	490	875	961	781	786	284	198	2	4698	
SHARPSBURG 5 S	0B	8	31	349	536	927	1001	829	900B	385	259	10	B 5235	
WILLIAMSPORT							991	822	831	367	238	13	M 3262	
ALLEGHENY PLATEAU 08														
SAVAGE RIVER DAM	3	37	63	428	602	1015	1081	950	974	453	340	45	5991	6375
DELAWARE														
NORTHERN BEAR 2 SW 01	0	3		317	561	877		849	834	348	240	12	M 4041	
NEWARK UNIV FARM	0B		13	290		873	992			331			M 2499	4746
WILMINGTON NEW CASTLE R	0	2	14	314	533	871	1024	831	810	334	225	13	4971	4888
WILMINGTON PORTER RSVR	0	3	15	312	533		988	825	820	337	211	12	M 4056	5110
SOUTHERN DOVER 02														
GREENWOOD 2NE	0	1	7	244	438	750	922	774	747	284	176	5	4348	4212
LEWES	0	4	13	288	479	846	947	806	789	359	223	24	4778	4816
SMYRNA 1 W	0	0	5	201	411	692	861	753	732	286	179	12	4132	4098
													M	

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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 BELTSVILLE UPPER MARLBORO 3 NNW	WIND	16	29	35	*	55	28	43	*	*	*	187	23	24	32	30
	EVAP	21	28	26	*	48	14	22	-	-	-	-	20	21	13	29
	MAX	95	96	91	-	96	91	89	-	-	-	91	91	94	88	87
	MIN	70	71	65	-	65	69	69	-	-	-	64	70	70	72	72
	WIND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	EVAP	17	23	*	*	70	15	18	16	*	*	64	21	22	13	17
	MAX	99	98	95	96	99	91	94	86	85	95	100	95	101	93	95
	MIN	72	74	69	67	68	72	73	68	67	69	71	71	75	75	75

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 UPPER MARLBORO 3 NNW																			
		15	22	*	*	60	31	16	35	47	22	34	22	33	30	20	-	919B	
		63	12	*	*	55	29	22	37	31	18	23	25	28	20	1	-	7.22B	
		84	88	-	-	98	95	97	99	92	93	98	103	100	90	74	-	92.5	
		73	77	-	-	75	70	72	70	62	63	70	76	68	68	68	-	69.5	
		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	M
		11	15	15	24	21	15	25	30	*	49	-	28	30	32	-	-	-	6.54B
		95	93	98	99	100	99	100	103	97	95	100	105	102	98	82	95	-	96.2
		76	75	75	78	77	73	74	72	64	65	70	77	71	72	72	70	-	71.8

Evaporation: Is measured in hundreths of inches

Wind: Is measured in miles

Max and Min: The maximum and minimum temperatures (Fahrenheit) of the water in the evaporation pan

STATION INDEX

STATION	INDEX NO.	DIVISION	COUNTY	LATITUDE	LONGITUDE	ELEVATION (IN FEET)	OBSERVATION TIME AND TABLES				OBSERVER
							LOCAL STD TIME				
							TEMP	PRECIP	EVAP	SPECIAL SEE (NOTES)	
MARYLAND											
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	MARYLAND STATE POLICE
ASSATEAGUE	0335	01	WORCESTER	38 4	75 13W	10	07	07		H	NATIONAL RESOURCES MGMT
BALTIMORE WASH INTL AP	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 PK
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	INACTIVE 12/02/2004
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
CYLBURN	2308	06	BALTIMORE (C	39 22	76 38W	400	08	08		H	CYLBURN ARBORETUM
DALECARLIA RESERVOIR	2325	04	PRINCE GEORG	38 56	77 7W	150	08	08		H	USA 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	17	17		H	LUCILLE K BEALE
FREDERICK 2 NNE	3353	06	FREDERICK	39 26	77 24W	280	07	07		H	DIR PUBLIC WORK WTP
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	08	08		H	US NATL ARBORETUM
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		07		H	WA SUBURBAN SANITARY COM
MD SCI CTR BALTIMORE	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	07	07		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	INACTIVE 06/01/2005
OXON HILL	6800	04	PRINCE GEORG	38 48	77 0W	120	08	08		H	BRIAN SMITH
PORT DEPOSIT 2 NE	7230	06	CECIL	39 38	76 5W	300	07	07		H	ANTHONY E FESTA
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 AP	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 2NW	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	08	08		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
WILLIAMSPORT	9570	07	WASHINGTON	39 36	77 50W	360	06	06		H	R C WILSON TRTMT PLT
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 2NE	3595	02	SUSSEX	38 49	75 35W	45	07	07		H	DANIEL M SWARTZENTRUBER
LEWES	5320	02	SUSSEX	38 47	75 8W	15	17	17		H	BOARD OF PUBLIC WORKS
NEWARK UNIV FARM	6410	01	NEW CASTLE	39 40	75 45W	90	19	19	17	C H	UNIV OF DE AGR FARM
SMYRNA 1 W	8508	02	KENT	39 18	75 37W	40	07	07		H	MARK A GONZALEZ
WILMINGTON NEW CASTLE	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.
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."

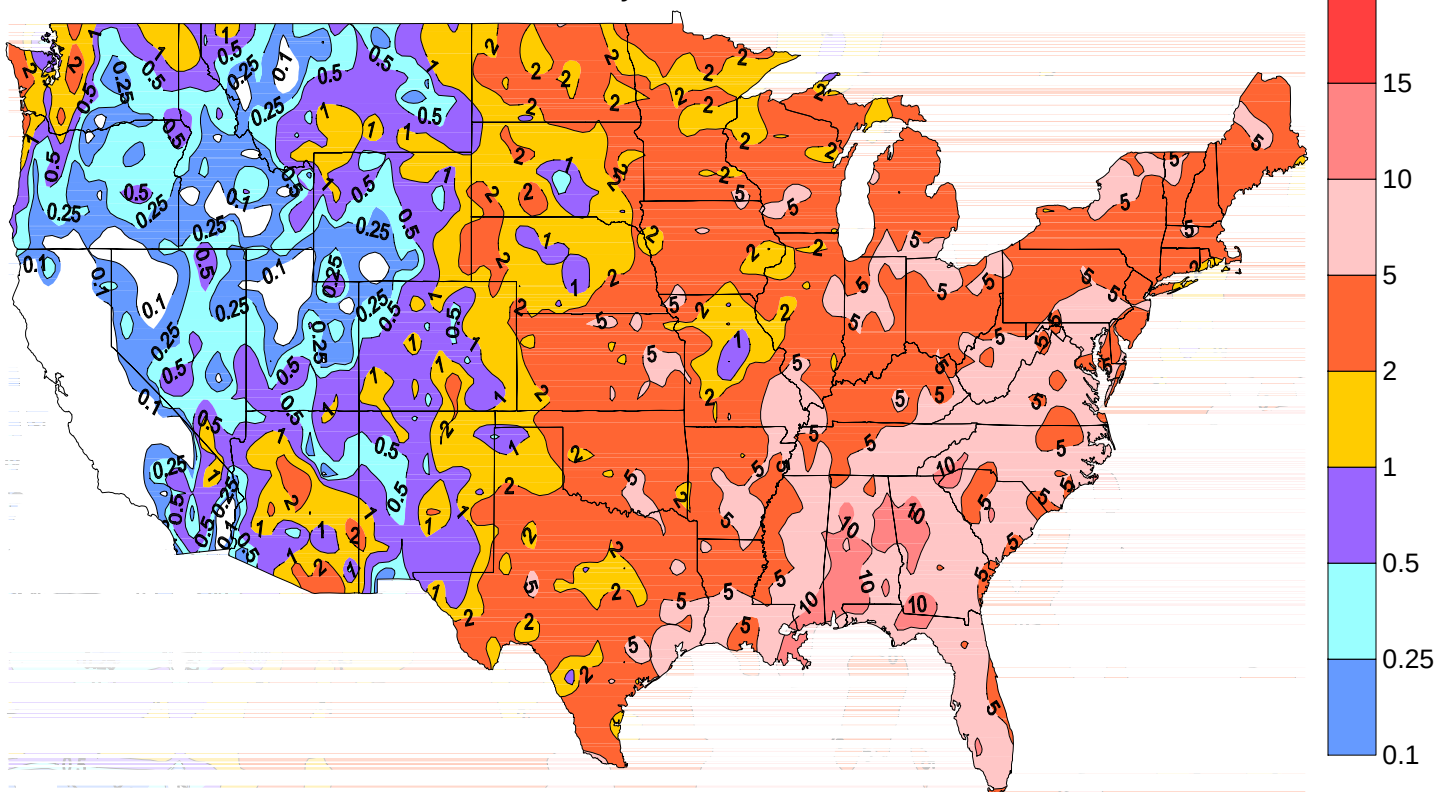
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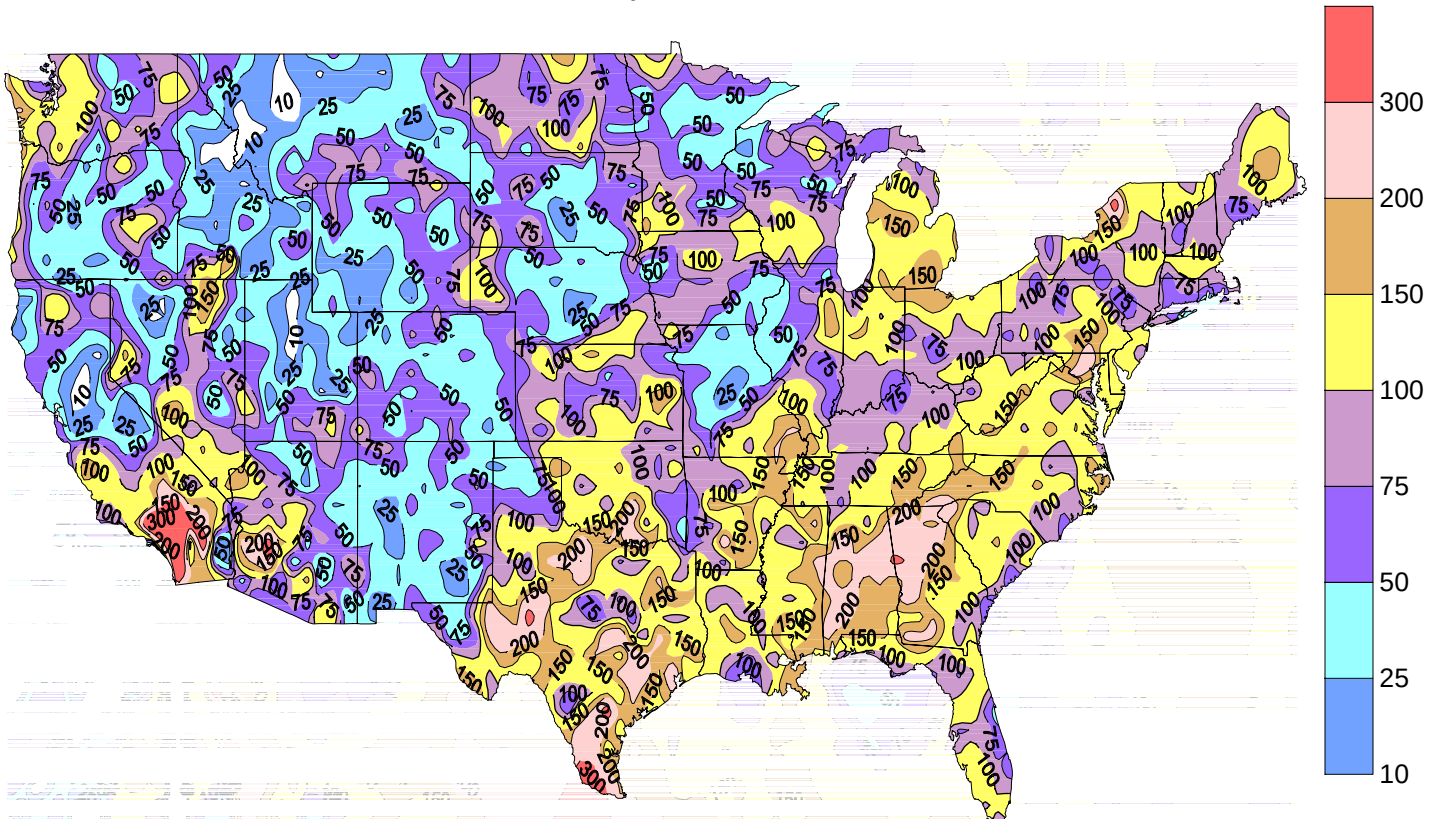
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Total Precipitation (Inches)
July 2005

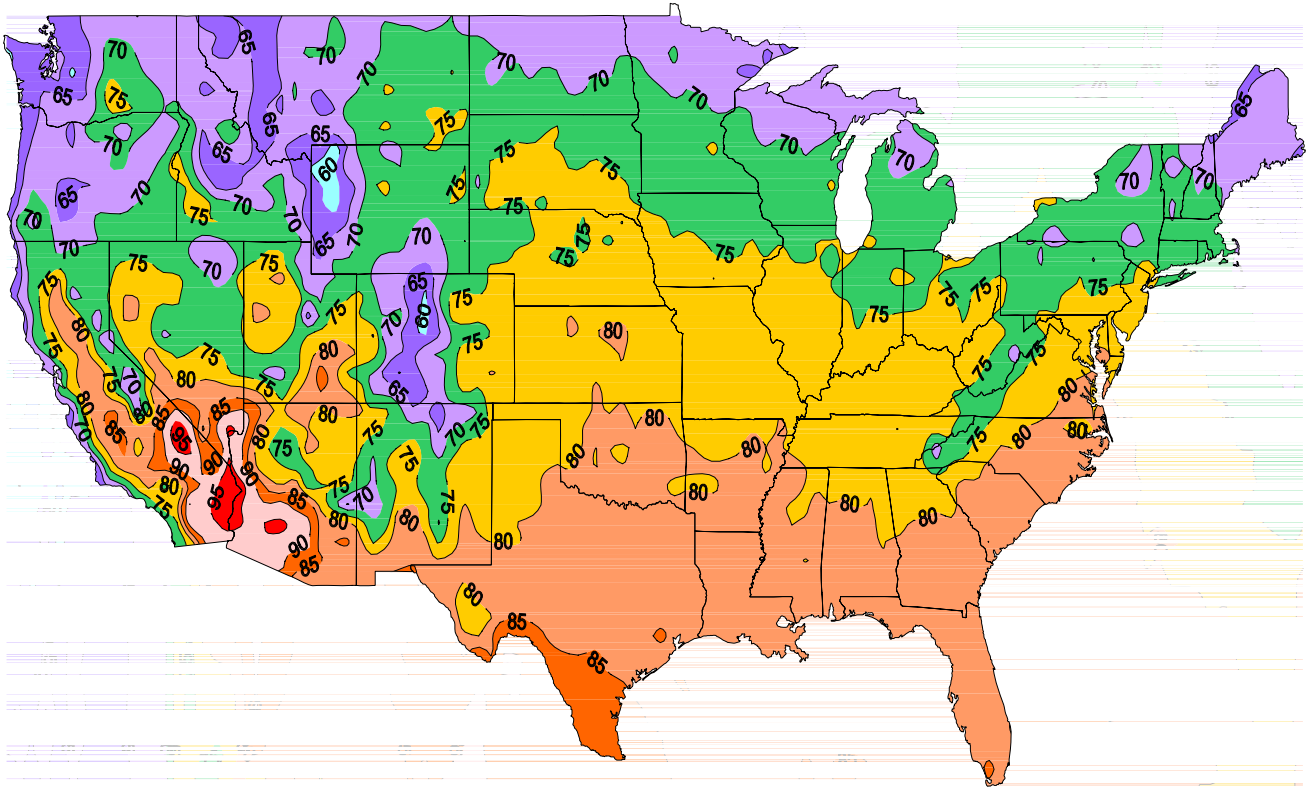


Percent of Normal
July 2005

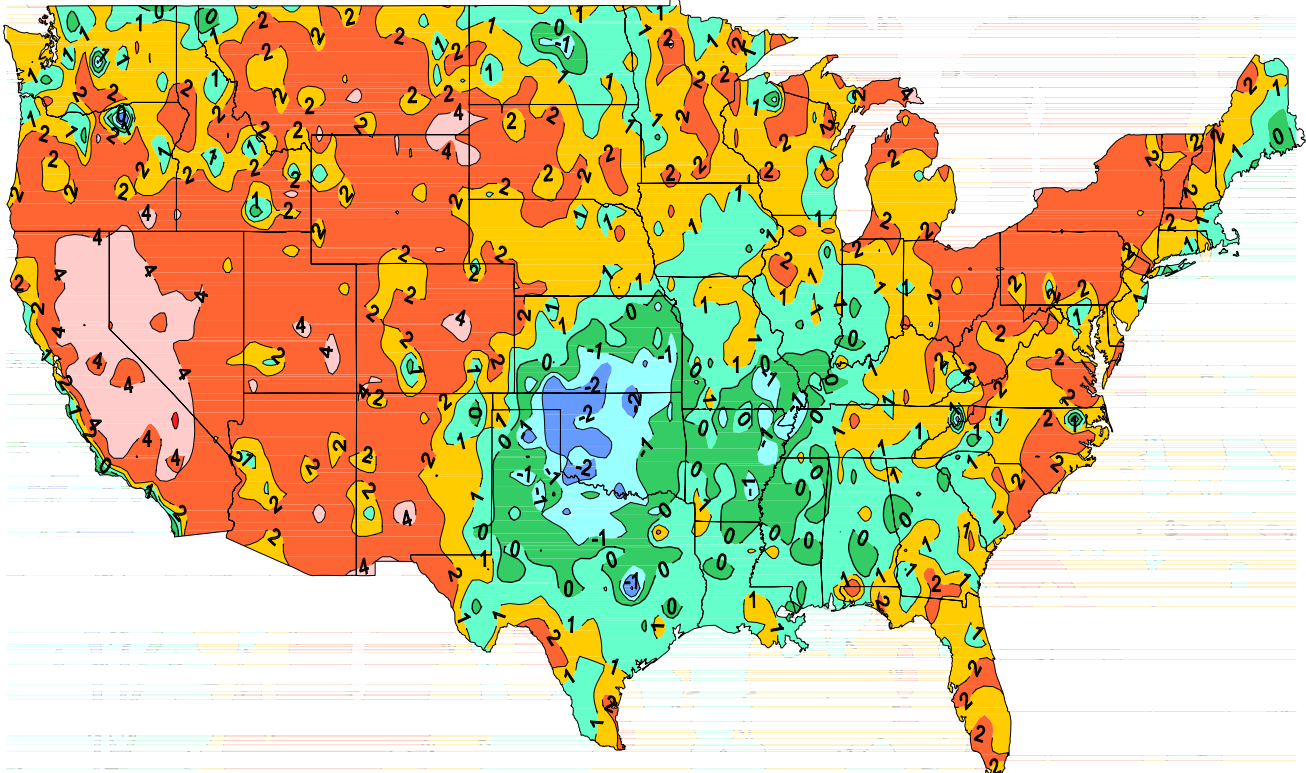


NOTE Contour maps are computer-generated and intended to show general temperature and precipitation patterns. Therefore, contours may not always account for individual datum points.

Average Temperature (Degrees F)
July 2005

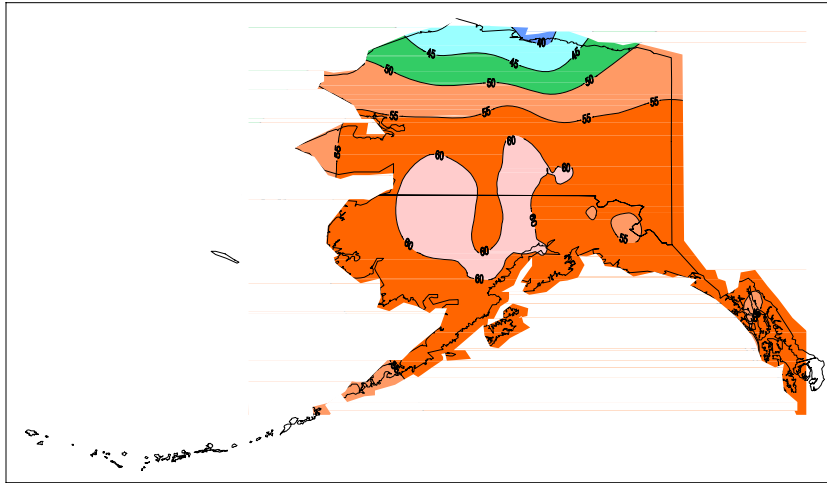


Departure of Average Temperature from Normal (Degrees F)
July 2005

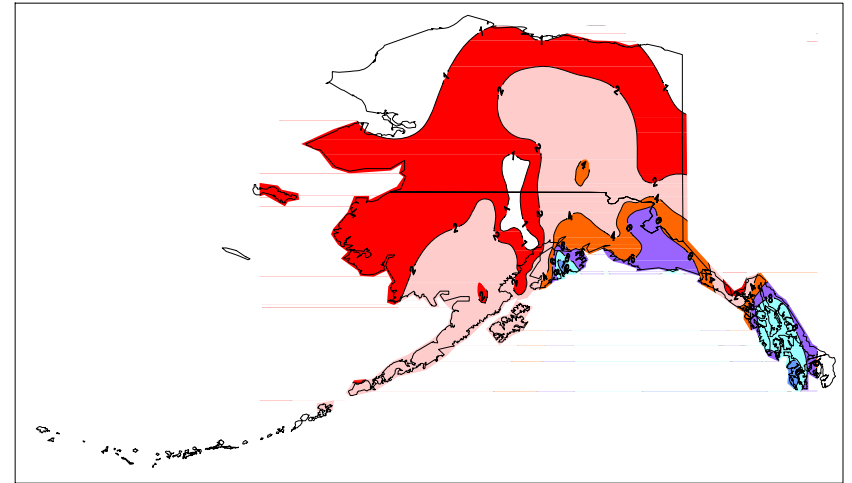


NOTE Contour maps are computer-generated and intended to show general temperature and precipitation patterns. Therefore, contours may not always account for individual datum points.

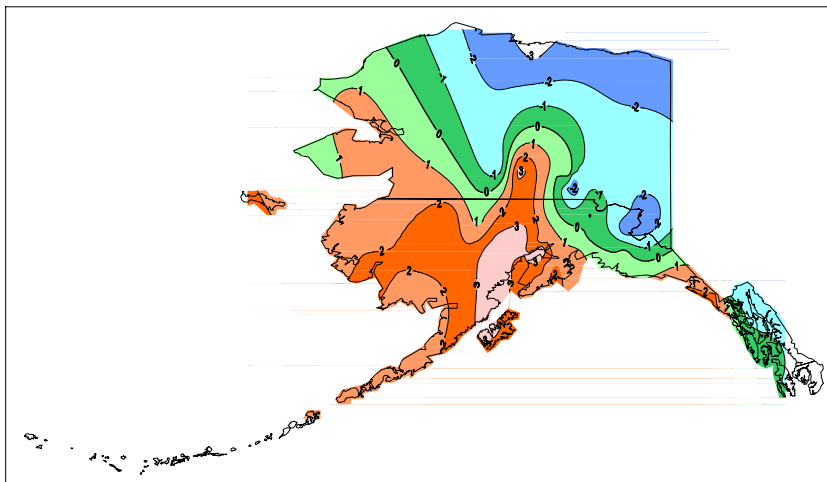
Average Temperature (Degrees F)
July 2005



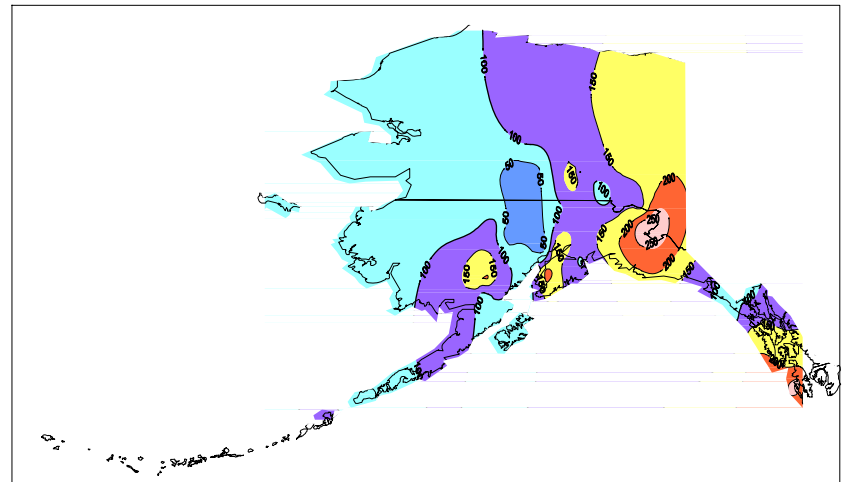
Alaska Precipitation (Inches)
July 2005



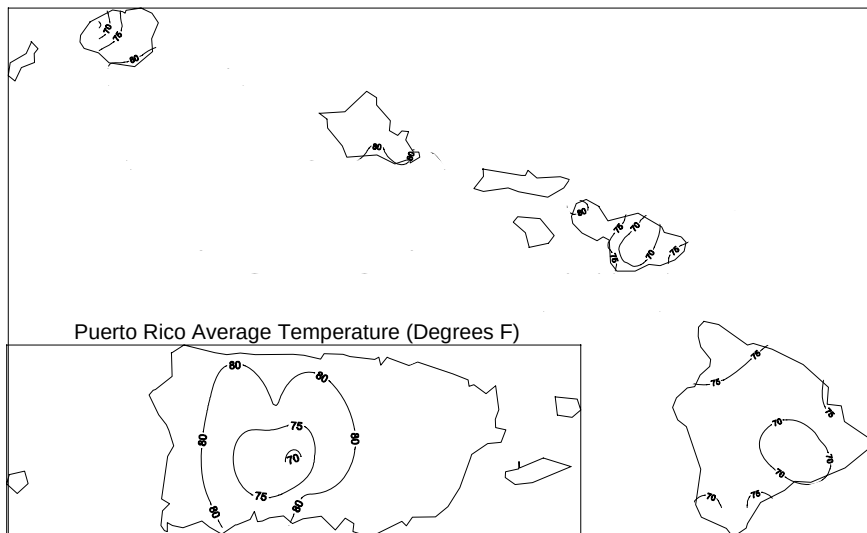
Departure of Average Temperature from Normal (Degrees F)
July 2005



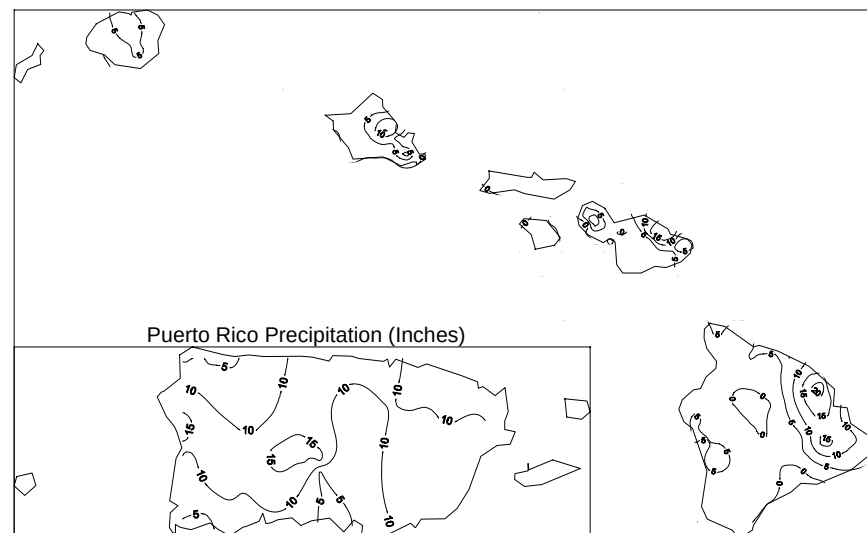
Percent of Normal Precipitation
July 2005



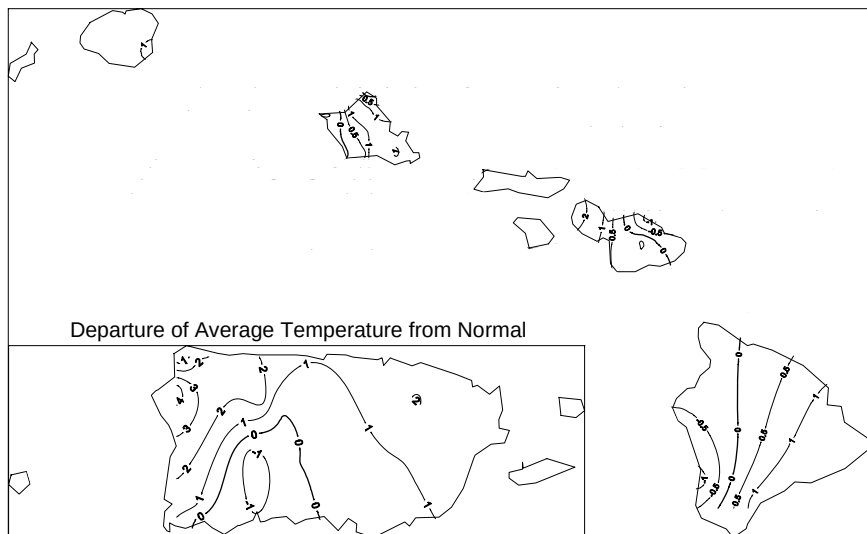
Hawaii Average Temperature (Degrees)
July 2005



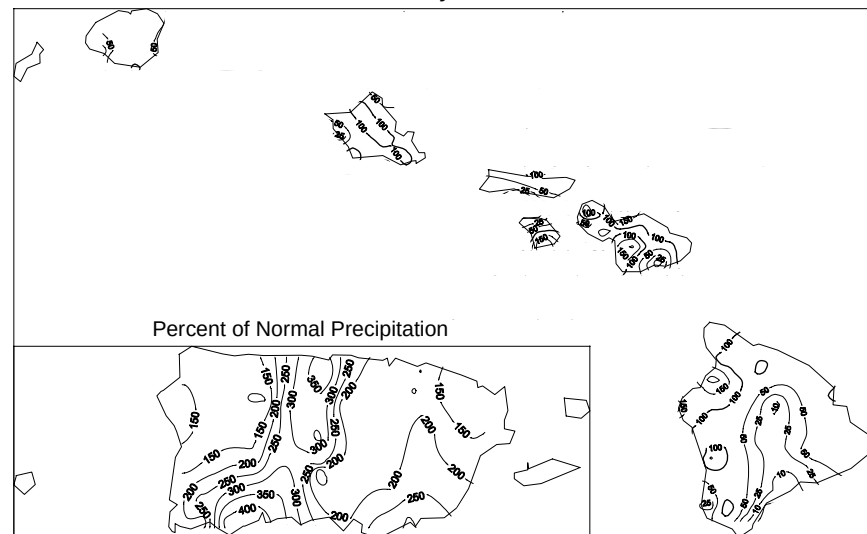
Hawaii Precipitation (Inches)
July 2005

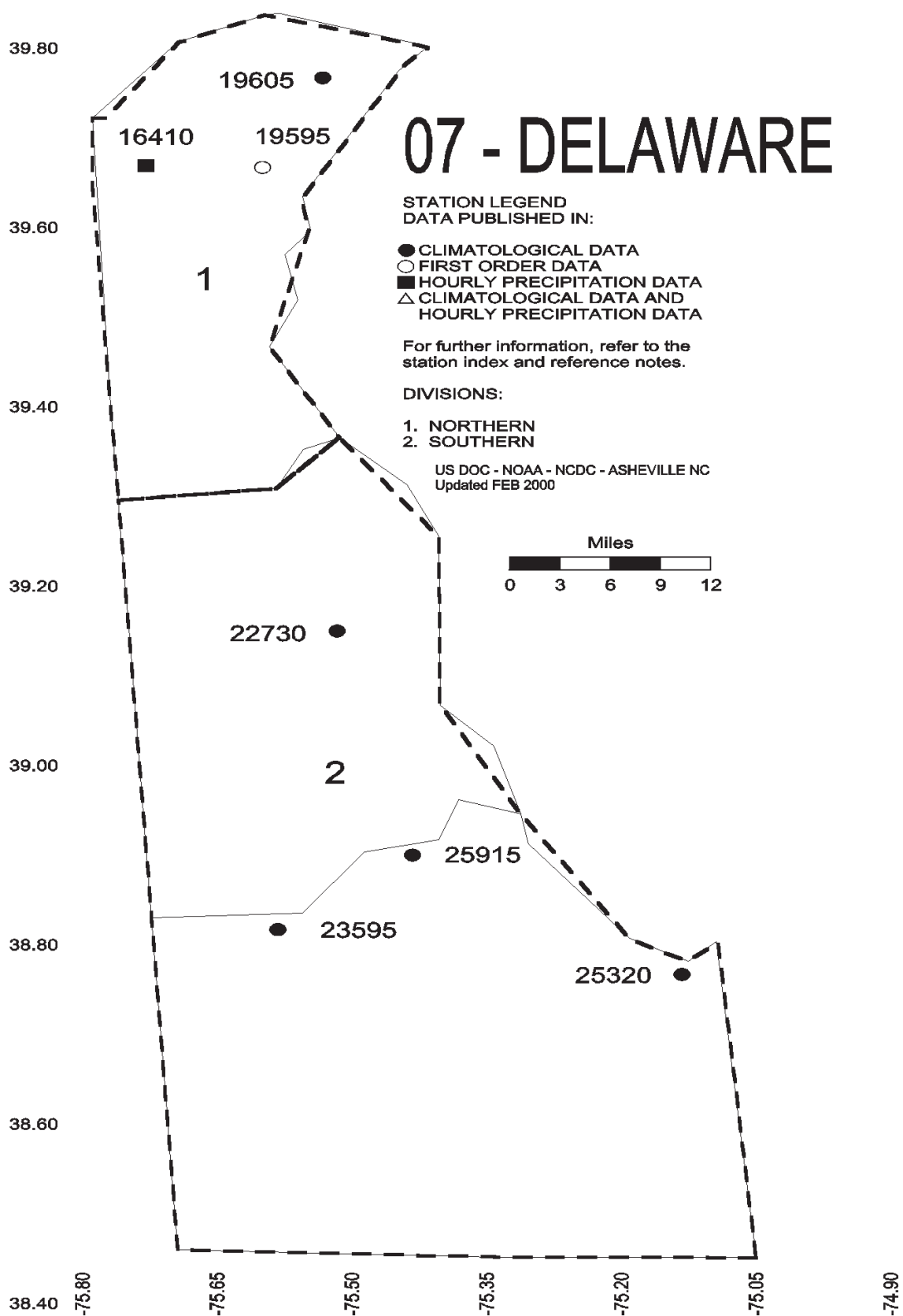


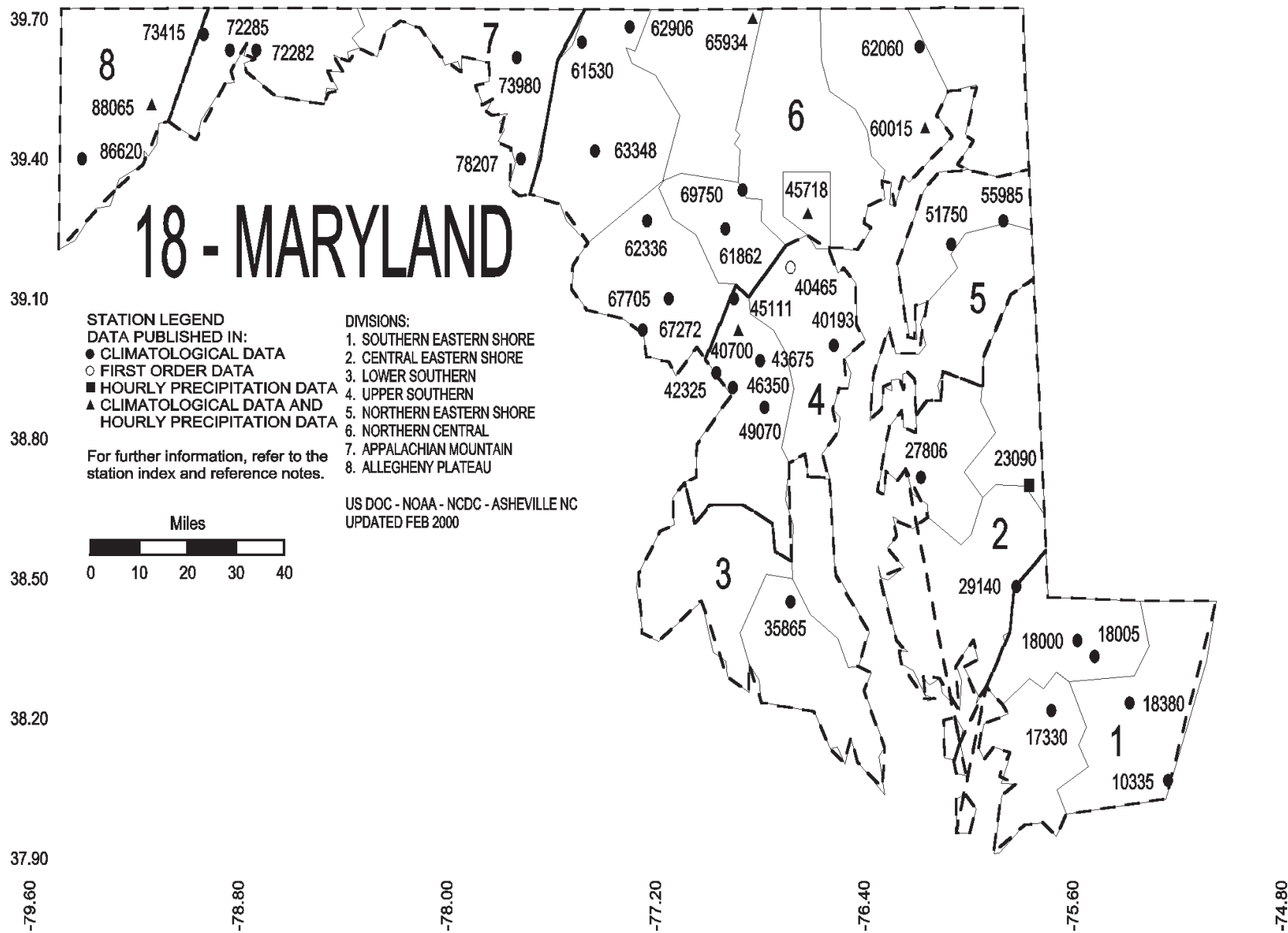
Departure of Average Temperature from Normal (Degrees)
July 2005



Hawaii Percent of Normal Precipitation
July 2005







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