

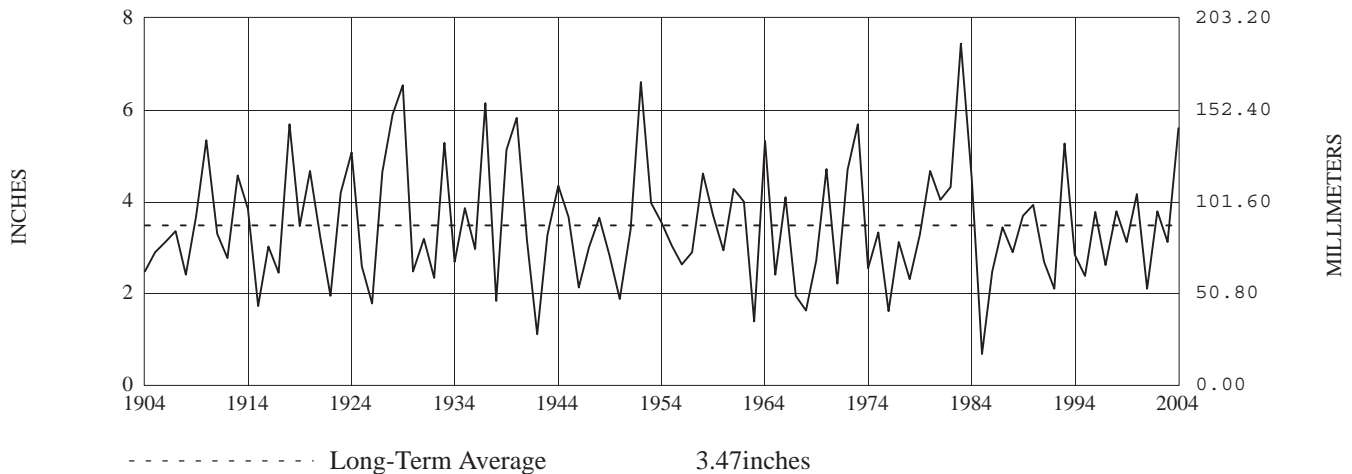
CLIMATOLOGICAL DATA

MARYLAND AND DELAWARE

APRIL 2004

VOLUME 108 NUMBER 04

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MARYLAND AND DELAWARE PRECIPITATION APRIL, 1904-2004

TEMPERATURE AND PRECIPITATION EXTREMES

MARYLAND

HIGHEST TEMPERATURE	92	APRIL 20+	4 STATIONS
LOWEST TEMPERATURE	19	APRIL 5	2 STATIONS
GREATEST TOTAL PRECIPITATION	8.56		VIENNA
LEAST TOTAL PRECIPITATION	4.04		SAVAGE RIVER DAM
GREATEST 1 DAY PRECIPITATION	2.10	APRIL 26	CATOCTIN MOUNTAIN PARK
GREATEST TOTAL SNOWFALL	13.3		OAKLAND 1 SE
GREATEST DEPTH OF SNOW OR ICE	5	APRIL 2	FROSTBURG 2

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TEMPERATURE AND PRECIPITATION EXTREMES

DELAWARE

HIGHEST TEMPERATURE	86	APRIL 19	2 STATIONS
LOWEST TEMPERATURE	29	APRIL 5	WILMINGTON PORTER RSVR
GREATEST TOTAL PRECIPITATION	6.35		SMYRNA 1 W
LEAST TOTAL PRECIPITATION	5.33		BEAR 2 SW
GREATEST 1 DAY PRECIPITATION	3.77	APRIL 13	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	M	M	M												
PRINCESS ANNE	M	M	M		85	20	25	5				0	0	4	0
SALISBURY	67.9	47.1	57.5	1.6	86	18	33	5	263	44	0	0	0	0	0
SALISBURY POLICE BRKS	68.3	47.7	58.0		88	18	32	5	253	49	0	0	1	0	0
SALISBURY FAA ARPT	64.9	43.1	54.0	-.3	86	18	28	6	352	30	0	0	6	0	0
SNOW HILL 4 N	67.9	45.3	56.6	1.1	86	18	29	6	279	36	0	0	3	0	0
--DIVISIONAL DATA----->															
CENTRAL EASTERN SHORE 02															
ROYAL OAK 2 SSW	66.9	48.6	57.8	1.7	84	19+	33	5	254	44	0	0	0	0	0
VIENNA	68.2	45.7	57.0	1.4	85	24	31	5	265	31	0	0	1	0	0
--DIVISIONAL DATA----->															
LOWER SOUTHERN 03															
MECHANICSVILLE 5 NE	65.1	44.3	54.7	-.6	90	20+	30	5	339	38	2	0	5	0	0
OXON HILL	66.3	46.6	56.5		90	20+	30	5	299	51	2	0	2	0	0
SOLOMONS	68.8	47.2	58.0		87	20+	31	5	249	46	0	0	1	0	0
--DIVISIONAL DATA----->															
UPPER SOUTHERN 04															
ANNAPOLIS POLICE BRKS	68.8	48.4	58.6	5.0	90	20	30	6	236	51	1	0	2	0	0
BALTIMORE WASH INTL AP R	64.9	44.5	54.7	1.5	90	19	29	6	323	23	1	0	2	0	0
BELTSVILLE	63.7	44.9	54.3	1.0	89	20	30	5	343	31	0	0	2	0	0
DALECARLIA RESERVOIR	M	M	M												
GLENN DALE BELL STN	64.5	44.1	54.3	2.3	90	20	28	16	352	37	1	0	3	0	0
MD SCI CTR BALTIMORE R	65.1	48.0	56.6		92	19	32	5	278	32	1	0	1	0	0
NATIONAL ARBORETUM DC	65.8	46.5	56.2	2.1	92	20	31	6+	306	48	1	0	2	0	0
UPPER MARLBORO 3 NNW	64.7	45.6	55.2	1.8	89	20	30	5	330	41	0	0	2	0	0
--DIVISIONAL DATA----->															
NORTHERN EASTERN SHORE 05															
CHESTERTOWN	66.5	44.6	55.6	1.5	88	18	31	6	303	27	0	0	1	0	0
--DIVISIONAL DATA----->															
NORTHERN CENTRAL 06															
ABERDEEN PHILLIPS FLD	65.8M	47.4M	56.6M	2.0	85	19	30	6	274	33	0	0	2	0	0
CATOCTIN MOUNTAIN PARK	63.6	41.7	52.7	.8	89	19	27	6+	382	18	0	0	4	0	0
CLARKSVILLE 3 NNE	65.2	42.1	53.7	1.3	89	19	29	5	354	19	0	0	3	0	0
CONOWINGO DAM	63.5	39.4	51.5	-.9	86	20	20	5	409	9	0	0	7	0	0
CYLBURN	65.2M	43.6M	54.4M		92	20	29	6+	351	42	1	0	3	0	0
DAMASCUS 3 SSW	63.4	44.4	53.9		89	18	26	5	355	31	0	0	2	0	0
EMMITSBURG 2 SE	64.7	42.2	53.5	.7	89	19	28	5	353	14	0	0	4	0	0
FREDERICK 2 NNE	63.7	43.2	53.5		90	20	29	6+	361	25	1	0	2	0	0
MILLERS 4 NE	63.7	43.4	53.6	1.8	86	19	25	6	355	19	0	0	2	0	0
ROCKVILLE 1 NE	65.9	45.5	55.7	2.4	92	19	28	5	313	42	2	0	2	0	0
--DIVISIONAL DATA----->															
APPALACHIAN MOUNTAIN 07															
CUMBERLAND 2	66.1	42.2	54.2	1.3	89	18	26	4	347	30	0	0	3	0	0
CUMBERLAND POLICE BRK	64.4	42.1	53.3		87	18	25	5	368	21	0	0	4	0	0
FROSTBURG 2	56.8	37.6	47.2	1.3	83	19	19	5	532	4	0	0	10	0	0
HAGERSTOWN POLICE BRK	65.3	44.5	54.9		89	20	27	5	323	28	0	0	3	0	0
SHARPSBURG 5 S	64.2	40.7	52.5		89	20	25	7+	393	24	0	0	6	0	0
--DIVISIONAL DATA----->															
ALLEGHENY PLATEAU 08															
OAKLAND 1 SE	59.9	37.2	48.6	1.1	81	18	19	5	486	0	0	0	11	0	0
SAVAGE RIVER DAM	58.1	38.3	48.2	.8	81	19	24	7+	497	2	0	0	6	0	0
--DIVISIONAL DATA----->															
DELAWARE															
NORTHERN 01															
BEAR 2 SW	63.6	43.7	53.7		85	19+	31	5	342	8	0	0	3	0	0
NEWARK UNIV FARM	M	M	M												
WILMINGTON NEW CASTLE R	63.2	44.2	53.7	1.3	85	19	31	6+	338	6	0	0	2	0	0
WILMINGTON PORTER RSVR	62.2	43.8	53.0	1.5	85	19	29	5	361	9	0	0	2	0	0
--DIVISIONAL DATA----->															
SOUTHERN 02															
DOVER	64.7	47.2	56.0	1.4	84	19	33	6	295	30	0	0	0	0	0
GREENWOOD 2 NE	63.9	43.2	53.6	1.4	86	19	32	8+	358	23	0	0	4	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					M	M				
PRINCESS ANNE	M 4.68				.0	0		5	2	2
SALISBURY	5.92	2.58	1.61	13	.0	0		8	6	1
SALISBURY POLICE BRKS	5.53		1.35	13	.0	0		8	6	1
SALISBURY FAA ARPT	5.11	1.70	1.34	12	.0	0		8	4	1
SNOW HILL 4 N	5.39	2.15	1.79	13	.0	0		7	4	2
--DIVISIONAL DATA----->	5.49	2.32			.0					
CENTRAL EASTERN SHORE 02										
ROYAL OAK 2 SSW	6.13	2.63	1.42	14	.0	0		9	5	2
VIENNA	8.56	5.23	1.54	14	.0	0		8	7	5
--DIVISIONAL DATA----->	7.35	4.00			.0					
LOWER SOUTHERN 03										
MECHANICSVILLE 5 NE	4.67	1.18	1.65	13	.0	0		8	3	1
OXON HILL	4.61		1.41	13	M .0	0		7	3	1
SOLOMONS	7.23		2.04	14	.0	0		10	4	3
--DIVISIONAL DATA----->	5.50	2.31			.0					
UPPER SOUTHERN 04										
ANNAPOLIS POLICE BRKS	7.97	4.63	1.85	13	.0	0		9	5	4
BALTIMORE WASH INTL AP R	5.33	2.33	1.32	12	.0	0		8	5	2
BELTSVILLE	4.29	.96	.97	13	.0	0		9	2	0
DALECARLIA RESERVOIR					M	M				
GLENN DALE BELL STN	4.21	.80	1.50	13	.0	0		7	4	1
MD SCI CTR BALTIMORE R	5.21		1.48	1	M	M		8	4	2
NATIONAL ARBORETUM DC	4.40	1.14	1.37	13	.0	0		9	2	1
UPPER MARLBORO 3 NNW	4.42	1.14	1.55	13	.0	0		9	3	1
--DIVISIONAL DATA----->	5.12	1.80			.0					
NORTHERN EASTERN SHORE 05										
CHESTERTOWN	4.82	1.48	1.06	12	.0	0		8	5	1
--DIVISIONAL DATA----->	4.82	1.54			.0					
NORTHERN CENTRAL 06										
ABERDEEN PHILLIPS FLD	4.63	1.27	.97	13	.0	0		8	4	0
CATOCTIN MOUNTAIN PARK	7.92	3.96	2.10	26	.0	0		12	6	3
CLARKSVILLE 3 NNE	M 2.87		.68	26	.0	0		7	3	0
CONOWINGO DAM	M 5.12		1.05	1	.0	0		11	4	1
CYLBURN	5.12		1.23	13	.0	0		7	4	2
DAMASCUS 3 SSW	5.92		1.45	1	T	T		8	6	2
EMMITSBURG 2 SE	M 5.44		1.44	26	.0	0		9	4	2
FREDERICK 2 NNE	5.02		1.26	13	.0	0		9	4	1
MILLERS 4 NE	5.39	1.94	1.09	26	T	T		8	4	1
ROCKVILLE 1 NE	4.66	1.47	1.10	12	.0	0		7	5	1
--DIVISIONAL DATA----->	5.52	1.99			.0					
APPALACHIAN MOUNTAIN 07										
CUMBERLAND 2	4.98	1.82	1.13	13	.0	0		11	4	3
CUMBERLAND POLICE BRK	5.06		1.00	2	.0	0		11	5	1
FROSTBURG 2	4.92	.95	1.09	2	5.4	5	2	11	4	2
HAGERSTOWN POLICE BRK	5.79		2.00	26	.0	0		9	3	2
SHARPSBURG 5 S	6.03		1.11	14	M .0	0		9	5	3
--DIVISIONAL DATA----->	5.36	1.92			1.4					
ALLEGHENY PLATEAU 08										
OAKLAND 1 SE	4.11	.04	.85	13	13.3	T		9	3	0
SAVAGE RIVER DAM	4.04	.66	1.02	26	.0	0		9	4	1
--DIVISIONAL DATA----->	4.08	.01			6.7					
DELAWARE										
NORTHERN 01										
BEAR 2 SW	5.33		1.09	26	.0	0		8	6	1
NEWARK UNIV FARM					M	M				
WILMINGTON NEW CASTLE R	5.61	2.22	1.36	26	T	T		9	4	1
WILMINGTON PORTER RSVR	6.26	2.25	1.50	26	.0	0		9	6	2
--DIVISIONAL DATA----->	5.73	2.16			.0					
SOUTHERN 02										
DOVER	5.65	2.18	1.90	13	.0	0		10	3	2
GREENWOOD 2 NE	5.51	2.06	2.20	13	.0	0		7	3	1

MONTHLY STATION AND DIVISION SUMMARY

STATION	TEMPERATURE (°F)											NO. OF DAYS			
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	HEATING DEGREE DAYS	COOLING DEGREE DAYS	MAX		MIN		
											90 OR ABOVE	32 OR BELOW	32 OR BELOW	0 OR BELOW	
LEWES	65.7	46.8	56.3	1.7	86	19	32	5	292	34	0	0	1	0	
MILFORD 2 SE	64.3M	45.0M	54.7M	1.6	85	20+	32	7+	346	44	0	0	2	0	
SMYRNA 1 W	63.7	43.0	53.4		85	20+	32	7+	358	17	0	0	3	0	
--DIVISIONAL DATA----->			54.8	1.4											

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
LEWES	6.26	2.72	3.77	13	.0	0		8	3	1
MILFORD 2 SE	5.84	2.34	2.72	13	.0	0		7	3	1
SMYRNA 1 W	6.35		1.50	15	1	1		11	4	2
--DIVISIONAL DATA----->	5.92	2.44			.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	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
PRINCESS ANNE	M 4.68	.18	.12								*	*	1.63	1.11	1.19	.45	
SALISBURY	5.92	.62	.03	.01	T	T						.72	.85	1.61	.58	.36	
SALISBURY POLICE BRKS	5.53	.53	.05	.03	.03							.62	.85	1.35	.45	.36	
SALISBURY FAA ARPT	5.11	.27	.01	T	.05			T	T	T	.10	.84	1.34	.93	.41	.08	
SNOW HILL 4 N	5.39	.47	.03	.02	.01					T		1.22	.55	1.79	.25	.07	
CENTRAL EASTERN SHORE 02																	
ROYAL OAK 2 SSW	6.13	1.34	.09	.11	.09				T	.09		.18	.65	.85	1.42	.41	
VIENNA	8.56	1.20	1.43	.05	.04							.65	.50	1.30	1.54	.40	
LOWER SOUTHERN 03																	
MECHANICSVILLE 5 NE	4.67	.82	.62	.22	.04	T				.01	T	.03	.11	1.65	.33	.43	
OXON HILL	4.61	.64	.62	.26	.06			T		.04		.03	.20	1.41	*	*	
SOLOMONS	7.23	1.50	.13		.17							.43	.76	1.08	2.04	.41	
UPPER SOUTHERN 04																	
ANNAPOLIS POLICE BRKS	7.97	1.49	.20	.12						.03		.05	1.60	1.85	1.60	.04	
BALTIMORE WASH INTL AP R	5.33	1.21	.74	.03	.11			T	T			T	1.32	.27	.15	T	
BELTSVILLE	4.29	.41	.39	.88	.07					.04			.05	.97	.27	.26	
DALECARLIA RESERVOIR	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
GLENN DALE BELL STN	4.21	.60	.57			.33				.02			.04	1.50	.23	.05	
LAUREL 3 W	5.02	.89	.63		.21				.01			.05	.93	.43	.26	.02	
MD SCI CTR BALTIMORE R	5.21	1.48	.67	.02	.13				.02			.01	1.28	.34	.10		
NATIONAL ARBORETUM DC	4.40	.42	.76	.38	.07	.02						.05	.08	1.37	.23	.11	
UPPER MARLBORO 3 NNW	4.42	.68	.46	.24	.01	.02				.02			.10	1.55	.26	.22	
NORTHERN EASTERN SHORE 05																	
CHESTERTOWN	4.82	.71	.37	.05	.19				.05	T	.01	.01	1.06	.75	.45	T	
NORTHERN CENTRAL 06																	
ABERDEEN PHILLIPS FLD	4.63	.91	.79		.21							.02		.37	.97	.41	T
CATOCTIN MOUNTAIN PARK	7.92	1.24	.65	.10	.11				.04	.11		.18	.66	1.40	.38		
CLARKSVILLE 3 NNE	M 2.87	.32	.17	.08	.03	.57	.03		.01			.01	.50	.30	.10	.01	
CONOWINGO DAM	M 5.12	1.05	.26	.54	.02	.24					.27		.03	.95	.27	.08	
CYLBURN	5.12	.95	1.14	.55	*	.16					.03		*	.06	1.23	.48	.11
DAMASCUS 3 SSW	5.92	1.45	.70	.05	.12				T	T		T	1.26	.70			
EMMITSBURG 2 SE	M 5.44	1.20	-	.25	T	T			T	T	T	.09	.45	.86	.25		
FREDERICK 2 NNE	5.02	.42	.85	.35	.04					.14			.08	1.26	.50	.01	
MILLERS 4 NE	5.39	.87	.49	.09	.24					.04		.04	.66	.91	.06	T	
POTOMAC FILTER PLANT	5.09	1.12	.58							.02		.05	1.35	.58	.05		
ROCKVILLE 1 NE	4.66	.90	.53	.02	.04			T	T	.04		.01	1.10	.62	.14		
SMITHSBURG 2 NW	M 5.98	-	.76	.09	.06	.01				.14		.01	.14	1.23	.90	.02	
APPALACHIAN MOUNTAIN 07																	
CUMBERLAND 2	4.98	.17	1.02	.15	.03	.01					.20		.11	1.13	.71		
CUMBERLAND POLICE BRK	5.06	.80	1.00	.20					.10			.10	.70	.55	.30		
FROSTBURG 2	4.92	.17	1.09	.23	.12	T				.24			.15	1.08	.61	T	
HAGERSTOWN POLICE BRK	5.79	.86	.20	.03					T	.24		.11	.35	1.45	.40		
SHARPSBURG 5 S	6.03	.30	1.05	.31	.04	.03				*		.09	.14	1.09	1.11	T	
ALLEGHENY PLATEAU 08																	
OAKLAND 1 SE	4.11	.38	.45	.14	.29	T			.03	.09		T	.64	.85	.07		
SAVAGE RIVER DAM	4.04	.11	.63	.09	.08	T			T	.14			.11	.87	.61	.01	
DELAWARE																	
NORTHERN 01																	
BEAR 2 SW	5.33	.62	.62	.04	.43					.08	.06		.04	.91	.59	.63	.02
NEWARK UNIV FARM	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WILMINGTON NEW CASTLE R	5.61	.19	.62	.07	.46	T		T	.15	.01		.05	.94	.44	.87	.01	
WILMINGTON PORTER RSVR	6.26	.09	1.05	.13	.61				.14	.09		.04	.86	.67	.74	.06	
SOUTHERN 02																	
DOVER	5.65	.32	.28	.02	.28				T	.05		.10	.34	1.90	1.04	.18	
GREENWOOD 2 NE	5.51	*	.42	.05	.11					.06		.23	.16	2.20	.34	.98	
LEWES	6.26	.08	.06	.02	.12	.03				.03		.27	.55	3.77	.23	.37	
MILFORD 2 SE	5.84	.41	.50	.07	.08					.05		.28	.05	2.72	.38	.75	
SMYRNA 1 W	6.35	.45	.10	.48	T	.29	T	T		.10		T	.08	.94	1.03	1.50	

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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PRINCESS ANNE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SALISBURY						.03			.41	T		.68	.02			
SALISBURY POLICE BRKS									.63			.63	T			
SALISBURY FAA ARPT						.01		.20			.78	.09				
SNOW HILL 4 N						T			.05			.81	.12			
CENTRAL EASTERN SHORE 02																
ROYAL OAK 2 SSW						.06			.01		.23	.57	.03			
VIENNA	.03					.03						1.32	.07			
LOWER SOUTHERN																
MECHANICSVILLE 5 NE						T			T			.37	.04			
OXON HILL	*	.54				T			.32		.06	.38	.05			
SOLOMONS						T				.05	.17	.49				
UPPER SOUTHERN																
ANNAPOLIS POLICE BRKS						.03			.56		.24	.16				
BALTIMORE WASH INTL AP R						.01	T	.66	.01		.80	.02				
BELTSVILLE									.25		.31	.32	.07			
DALECARLIA RESERVOIR	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GLENN DALE BELL STN											.53	.34				
LAUREL 3 W											.61	.08				
MD SCI CTR BALTIMORE R							.01	.46			.68	.01				
NATIONAL ARBORETUM DC						T			.29	T	.18	.41	.03			
UPPER MARLBORO 3 NNW									.50		.04	.27	.05			
NORTHERN EASTERN SHORE 05																
CHESTERTOWN						T		.52			.64	.01				
NORTHERN CENTRAL 06																
ABERDEEN PHILLIPS FLD						T		T			.63	.31	.01			
CATOCTIN MOUNTAIN PARK							.03		.52	.38	2.10		.02			
CLARKSVILLE 3 NNE						.01	.01	.03	-		.68	.01				
CONOWINGO DAM									.35		.26	.60	.20			-
CYLBURN						.01			.38				.02			
DAMASCUS 3 SSW						.16	T	.56		T	.92	T				
EMMITSBURG 2 SE							.10	T	.52	.28	1.44					
FREDERICK 2 NNE						.03			.34		.20	.80				
MILLERS 4 NE						.04	T	T	.45	.01	1.09	.02				
POTOMAC FILTER PLANT									.45		.86	.03				
ROCKVILLE 1 NE					T	.05	T	.45			.73	.03				
SMITHSBURG 2 NW						.03		.01	.18		1.21	1.15		.04		
APPALACHIAN MOUNTAIN 07																
CUMBERLAND 2						.13		.12	.03		1.04	.12	.01			
CUMBERLAND POLICE BRK								.14		.37	.80					
FROSTBURG 2						.04	T	.17	.03		.77		.22			
HAGERSTOWN POLICE BRK									.12	T	2.00	.03				
SHARPSBURG 5 S						.05		T	.61		.38	.83	T			
ALLEGHENY PLATEAU 08																
OAKLAND 1 SE					T	.04	.12	.05	.02	.14	.80	T	T			
SAVAGE RIVER DAM						.01		.02	.14	T	1.02	.12	.08			
DELAWARE																
NORTHERN 01									.17			1.09	.03			
BEAR 2 SW																
NEWARK UNIV FARM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WILMINGTON NEW CASTLE R						T		.40		T	1.36	.04				
WILMINGTON PORTER RSVR								.26			1.50	.02				
SOUTHERN 02																
DOVER											.35	.76	.03			
GREENWOOD 2 NE						.04			.03			.83	.06			
LEWES						.03			.14		T	.56				
MILFORD 2 SE	T					.03			*	*	.03	.46	.03			
SMYRNA 1 W	.45					T	T		.23		.02	.64	.04			

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	07	MAX															
ASSATEAGUE		MIN															
PRINCESS ANNE	17	MAX	55	57			54			73	71	65		48	70	66	60
		MIN	35	35			25			42	30	40		30	41	48	38
SALISBURY	17	MAX	52	48	53	50	48	55	72	72	65	65	58	47	68	68	61
		MIN	45	43	43	42	33	35	41	41	43	40	40	42	44	44	43
SALISBURY POLICE BRKS	17	MAX	55	49	53	51	47	47	73	73	65	65	61	46	68	66	60
		OBS															
		MIN	45	43	42	41	32	40	42	43	43	41	43	42	44	50	43
		OBS															
SALISBURY FAA ARPT	MID	MAX	53	46	53	49	47	56	72	56	64	62	50	52	66	54	59
		MIN	44	38	42	38	31	28	32	40	35	29	41	44	50	44	32
SNOW HILL 4 N	17	MAX	55	49	55	51	48	56	74	72	66	65	59	45	65	64	62
		MIN	44	41	42	40	30	29	37	43	42	32	45	42	44	52	43
SHORE																	
ROYAL OAK 2 SSW	18	MAX	49	48	52	51	47	58	73	71	64	64	60	47	65	64	60
		MIN	46	44	43	42	33	36	40	44	43	40	45	44	45	48	45
VIENNA	18	MAX	53	51	55	53	51	64	73	73	65	66	63	48	70	66	61
		OBS								64							
		MIN	45	40	42	40	31	34	34	42	42	38	41	42	37	49	43
		OBS					47									34	32
LOWER SOUTHERN																	
MECHANICSVILLE 5 NE	07	MAX	46	49	46	53	52	49	61	77	57	66	64	49	46	53	52
		MIN	45	42	41	41	30	31	31	41	39	39	39	42	44	45	43
OXON HILL	08	MAX	53	48	49	55	49	49	61	77	56	66	66	48	46	53	54
		OBS														***	***
		MIN	44	42	42	41	30	32	36	47	40	41	48	43	43	44	44
		OBS													14	***	***
SOLOMONS	16	MAX	50	49	53	54	50	58	76	77	66	67	66	53	55	62	57
		OBS			***							***					
		MIN	45	42	42	42	31	34	41	46	42	36	42	42	45	46	43
		OBS			***							***					
UPPER SOUTHERN																	
ANNAPOLIS POLICE BRKS	17	MAX	49	48	59	50	50	62	77	76	67	63	60	54	60	54	66
		OBS								56							
		MIN	46	43	43	42	31	30	47	46	43	40	43	44	47	49	40
		OBS														38	
BALTIMORE WASH INTL AP	MID	MAX	48	47	53	47	47	59	74	55	64	63	51	47	52	51	62
		MIN	44	43	42	35	30	29	47	44	42	36	42	43	43	46	45
BELTSVILLE	08	MAX	50	48	48	53	48	46	60	74	50	63	65	50	46	51	51
		OBS															
		MIN	43	43	43	37	30	31	36	43	40	38	41	43	43	44	44
DALECARLIA RESERVOIR	17	MAX															
		MIN															
GLENN DALE BELL STN	08	MAX	47	47	46	51	47	47	60	77	51	66	66	48	45	50	49
		MIN	43	42	42	35	29	31	37	39	39	35	42	42	42	44	42
MD SCI CTR BALTIMORE	MID	MAX	49	48	53	48	47	60	75	56	65	62	53	48	54	52	62
		MIN	46	44	44	36	32	34	50	46	45	47	43	43	43	47	47
NATIONAL ARBORETUM DC	07	MAX	51	49	48	55	50	49	62	76	53	66	65	51	47	51	53
		MIN	44	43	43	41	31	31	36	46	41	42	47	44	44	45	44
UPPER MARLBORO 3 NNW	08	MAX	48	48	48	53	49	47	60	76	53	65	65	50	46	51	50
		MIN	43	42	42	42	30	31	36	42	41	38	41	42	43	44	44
NORTHERN EASTERN SHORE																	
CHESTERTOWN	23	MAX	51	47	51	46	50	60	75	60	67	67	51	46	64	54	59
		OBS															
		MIN	45	41	41	38	33	31	45	41	41	38	41	42	42	42	42
		OBS															
NORTHERN CENTRAL																	
ABERDEEN PHILLIPS FLD	16	MAX	51	50			46	58	73	73	62	62		49	52	61	61
		MIN	46	44			32	30	45	44	46	46		45	44	48	46
CATOCTIN MOUNTAIN PARK	17	MAX	46	42	47	46	43	57	70	69	60	61	59	41	44	46	59
		OBS								55							
		MIN	40	39	39	33	27	27	44	38	40	39	35	39	37	40	36
		OBS	29				19										
CLARKSVILLE 3 NNE	17	MAX	47	46	53	45	46	58	73	72	63	64	60	46	50	49	61
		OBS								51			48				
		MIN	43	41	39	33	29	30	39	38	38	34	41	42	42	43	36
CONOWINGO DAM	07	MAX	52	51	52	49	49	49	60	72	53	64	65	50	50	62	53
		OBS										53					
		MIN	35	34	32	30	20	29	31	38	32	32	35	38	41	43	39
		OBS															
CYLBURN	08	MAX	50	48	47		51	48	61	75	51	67		65	47	53	50
		MIN	41	42	42		29	29	32	40	40	39		41	40	44	42

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																	M
ASSATEAGUE																	M
PRINCESS ANNE	61			80	85	83	81										M
	32			50	45	52	60										M
SALISBURY	62	78	86	83	84	84	84	83	83	72	77	68	64	73	74		67.9
	40	43	58	64	60	54	54	66	50	50	55	55	42	46	56		47.1
SALISBURY POLICE BRKS	63	80	88	84	84	72	84	86	85	72	80	69	67	76	80		68.3
				75	72												
	38	44	59	60	62	55	59	64	49	51	55	55	42	47	56		47.7
							83	85									
SALISBURY FAA ARPT	61	78	86	83	80	68	82	83	72	63	78	67	58	73	75		64.9
	32	37	58	64	54	54	65	49	43	42	55	45	38	40	50		43.1
SNOW HILL 4 N	62	79	86	83	83	70	82	85	85	70	80	69	66	74	76		67.9
	33	38	59	60	55	54	57	60	49	46	53	55	40	43	52		45.3
CENTRAL EASTERN SHORE 02																	
ROYAL OAK 2 SSW	62	78	84	84	82	77	82	83	81	71	73	66	61	74	75		66.9
	40	49	54	62	62	56	65	65	54	53	57	55	42	47	59		48.6
VIENNA	62	74	82	83	82	74	79	84	85	71	74	69	69	72	74		68.2

	39	44	55	58	61	53	57	63	49	47	51	53	40	48	52		45.7

LOWER SOUTHERN MECHANICSVILLE 5 NE 03																	
	63	67	84	90	90	82	72	84	85	74	66	72	67	61	76		65.1
	32	32	45	60	61	55	56	62	55	49	53	52	38	40	45		44.3
OXON HILL	65	69	85	90	90	82	79	86	87	75	69	70	68	65	80		66.3
	***	***															
	37	41	49	57	68	55	58	60	56	52	58	50	39	44	56		46.6
		***	57														
SOLOMONS	61	80	83	87	87	77	86	85	83	72	75	71	71	77	77		68.8
		***							***								
	39	42	55	58	60	55	59	61	56	54	56	53	41	51	57		47.2
		***	45						***								
UPPER SOUTHERN ANNAPOLIS POLICE BRKS 04																	
	63	76	84	84	90	80	82	88	82	75	73	70	68	74	80		68.8
	40	45	51	58	70	56	60	60	58	54	58	54	48	51	56		48.4
BALTIMORE WASH INTL AP	66	82	87	90	78	73	83	83	71	64	67	65	61	78	78		64.9
	33	38	50	54	60	54	54	55	52	51	53	42	38	43	48		44.5
BELTSVILLE	62	68	78	86	89	80	74	81	83	71	66	67	66	62	76		63.7
			61														
	33	39	46	56	66	55	55	57	56	51	56	49	38	40	52		44.9
DALECARLIA RESERVOIR																	M
																	M
GLENN DALE BELL STN	63	68	84	89	90	81	76	84	86	73	66	68	66	64	80		64.5
	28	37	47	59	62	54	55	57	54	49	57	50	38	40	51		44.1
MD SCI CTR BALTIMORE	66	76	83	92	79	71	79	83	73	62	68	67	62	80	80		65.1
	43	47	57	60	59	57	59	56	56	56	56	44	40	48	56		48.0
NATIONAL ARBORETUM DC	65	69	84	89	92	82	77	83	86	74	67	69	67	65	79		65.8
	37	37	44	64	67	56	57	60	55	53	56	51	40	42	55		46.5
UPPER MARLBORO 3 NNW	62	68	83	88	89	80	74	84	85	74	66	71	66	63	78		64.7
	33	41	47	64	68	54	58	59	55	49	56	50	38	42	54		45.6
NORTHERN EASTERN SHORE 05																	
CHESTERTOWN	67	81	88	87	80	71	85	83	75	63	72	70	63	80	82		66.5
								55									
	34	40	51	59	57	52	55	52	50	50	52	49	39	43	51		44.6
														53	60		
NORTHERN CENTRAL ABERDEEN PHILLIPS FLD 06																	
	62			85	84	76	80	80			67	66	63	75	77		65.8
	39			54	66	55	55	59			60	51	39	44	51		47.4
CATOCTIN MOUNTAIN PARK	68	80	85	89	84	80	77	77	76	69	59	60	58	78	77		63.6
										61							
	29	35	49	52	57	52	50	58	51	44	49	45	30	46	50		41.7
	40			64	66												
CLARKSVILLE 3 NNE	67	82	87	89	78	75	83	83	72	63	65	64	61	78	77		65.2
	30	36	49	51	59	54	53	55	48	48	53	40	36	38	45		42.1
CONOWINGO DAM	62	62	70	82	86	76	69	79	78	66	60	74	69	63	78		63.5
									55		74				***		
	34	36	42	50	53	53	45	57	52	42	40	47	38	38	46		39.4

CYLBURN	64			89	92	80	74	84	86			74	66	62	81		65.2
	33			58	63	53	54	56	53			49	36	42	49		43.6

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
DAMASCUS 3 SSW	22	MAX	46	45	50	45	44	55	72	54	62	67	51	42	54	47	60
		OBS											43				
		MIN	41	39	42	33	26	30	45	40	39	34	41	40	40	43	40
EMMITSBURG 2 SE	17	MAX	47	50	54	48	45	58	71	71	62	62	62	45	48	53	61
		OBS															
		MIN	44	37	37	38	28	30	44	37	41	36	40	41	37	39	38
FREDERICK 2 NNE	07	MAX	49	49	46	54	46	46	60	73	54	63	65	46	45	48	51
		MIN	43	44	42	39	29	29	33	41	40	39	40	41	42	41	42
MILLERS 4 NE	18	MAX	47	45	52	48	44	57	70	67	61	61	60	45	51	50	58
		MIN	43	41	40	36	26	25	41	36	41	37	40	41	40	44	40
ROCKVILLE 1 NE	MID	MAX	48	47	53	47	46	60	74	56	63	65	54	45	51	51	62
		OBS								74							
		MIN	43	40	40	35	28	31	48	43	39	42	41	43	41	44	42
APPALACHIAN MOUNTAIN CUMBERLAND 2	07	MAX	45	48	56	52	46	58	71	68	61	64	61	42	46	47	64
		MIN	37	39	37	26	28	31	40	40	37	37	39	40	41	37	33
CUMBERLAND POLICE BRK	17	MAX	45	46	55	55	41	56	67	68	68	62	62	40	43	45	61
		OBS					55										
		MIN	39	36	41	33	25	26	39	37	37	35	38	38	39	41	39
FROSTBURG 2	07	MAX	39	39	39	50	37	38	52	65	48	54	59	37	37	42	40
		MIN	37	31	27	30	19	20	27	36	36	33	34	33	34	35	33
HAGERSTOWN POLICE BRK	17	MAX	48	48	52	53	45	57	71	72	62	63	63	44	45	49	62
		OBS									72	72					
		MIN	44	42	42	39	27	28	42	40	42	38	40	39	41	40	40
SHARPSBURG 5 S	07	MAX	49	49	46	55	46	46	61	74	57	63	66	49	45	46	49
		OBS									***	***					
		MIN	44	40	40	37	29	25	25	36	38	36	36	41	42	41	31
ALLEGHENY PLATEAU OAKLAND 1 SE	08	MAX	40	34	46	49	35	50	64	63	59	57	53	37	43	43	54
		OBS				28											
SAVAGE RIVER DAM	08	MIN	30	29	33	27	19	25	41	32	41	30	35	34	35	32	29
		MAX	43	42	40	51	36	39	53	66	53	55	59	42	40	44	44
		OBS												59			
MIN		40	33	35	33	24	24	24	36	36	33	35	35	37	38	33	
DELAWARE NORTHERN BEAR 2 SW	01	MAX	57	46	51	46	46	56	71	52	63	62	48	48	60	58	61
		MIN	46	43	41	37	31	32	45	38	44	32	42	42	43	46	46
NEWARK UNIV FARM	17	MAX															
		MIN															
WILMINGTON NEW CASTLE	MID	MAX	56	46	50	46	46	56	71	51	64	61	48	48	61	55	62
		MIN	45	43	41	33	31	31	46	40	44	35	42	42	43	44	45
WILMINGTON PORTER RSVR	MID	MAX	55	44	49	44	43	53	68	53	61	60	48	48	61	56	59
		MIN	44	42	39	33	29	30	42	41	43	41	42	42	40	42	43
SOUTHERN DOVER	02	MAX	54	50	49	49	46	52	70	68	60	58	54	48	58	60	60
		MIN	45	42	42	41	34	33	45	42	42	42	43	42	42	46	47
GREENWOOD 2 NE	07	MAX	49	55	48	52	43	46	56	73	51	64	63	49	47	69	54
		OBS	***														
		MIN	39	42	42	39	32	32	32	32	42	37	38	41	39	45	43
LEWES	17	MAX	57	49	48	49	46	56	73	73	60	61	57	45	62	60	58
		MIN	43	43	42	40	32	33	45	42	43	44	41	41	43	50	44
MILFORD 2 SE	07	OBS														38	
		MAX	50	56	47		53	47	56	73	51	64		63	47	68	55
SMYRNA 1 W	07	MIN	42	43	42		33	32	32	40	41	37		42	44	46	44
		MAX	49	55	46	55	44	47	57	73	57	64	61	51	46	65	55
OBS		MIN	41	43	40	38	32	32	32	40	40	37	40	42	42	42	43
		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	
DAMASCUS 3 SSW	66	86	89	88	77	74	79	80	69	61	62	63	62	77	76		63.4
	80																
	35	43	60	59	64	51	56	55	60	50	52	42	35	45	52		44.4
	44	58															
EMMITSBURG 2 SE	62	79	84	89	84	77	74	78	70	71	61	62	60	75	77		64.7
													76				
	31	38	47	52	59	51	52	52	52	48	51	43	32	40	50		42.2
														32	61		
FREDERICK 2 NNE	63	68	83	87	90	78	79	80	82	73	64	62	65	64	79		63.7
	34	35	42	54	57	55	55	55	53	51	53	46	36	37	47		43.2
MILLERS 4 NE	64	79	83	86	82	74	77	77	72	67	62	61	59	77	76		63.7
	34	42	56	56	61	51	53	54	53	48	50	44	34	45	51		43.4
ROCKVILLE 1 NE	70	84	90	92	85	76	83	85	71	65	66	66	65	79	78		65.9
	35	46	55	56	63	54	61	58	55	50	53	40	36	48	55		45.5
				46											66		
APPALACHIAN MOUNTAIN 07																	
CUMBERLAND 2	73	83	89	86	82	82	80	77	76	73	58	59	68	84	84		66.1
	36	44	52	55	57	57	58	55	52	52	46	35	35	40	51		42.2
CUMBERLAND POLICE BRK	64	81	87	85	79	82	78	75	72	72	57	58	65	81	82		64.4
	30	40	51	51	57	55	61	57	54	48	54	38	32	44	49		42.1
														32			
FROSTBURG 2	56	68	78	83	78	76	76	69	71	68	56	55	54	62	78		56.8
	32	32	48	55	52	52	53	53	47	47	45	41	29	29	47		37.6
HAGERSTOWN POLICE BRK	64	78	84	88	89	77	77	77	78	73	63	62	61	77	78		65.3
	32	46	53	53	61	54	57	54	55	50	53	47	35	47	55		44.5
												60					
SHARPSBURG 5 S	63	69	83	88	89	78	80	82	82	74	67	60	65	65	80		64.2
	29	29	42	53	55	56	55	53	53	50	54	44	33	33	42		40.7
ALLEGHENY PLATEAU 08																	
OAKLAND 1 SE	69	75	81	77	74	78	77	67	74	69	68	51	59	76	75		59.9
	27	34	47	45	54	47	52	54	48	51	48	35	28	34	41		37.2
SAVAGE RIVER DAM	58	67	75	81	78	76	79	70	71	69	60	58	55	61	78		58.1
	31	31	39	48	49	53	54	54	51	50	48	41	32	33	40		38.3
DELAWARE																	
NORTHERN 01																	
BEAR 2 SW	64	76	85	85	74	67	80	80	69	59	67	67	59	75	77		63.6
	34	38	50	51	56	53	54	50	50	43	53	46	38	40	47		43.7
NEWARK UNIV FARM																	M
																	M
WILMINGTON NEW CASTLE	64	76	82	85	74	68	79	77	69	58	67	65	58	75	77		63.2
	35	44	52	51	55	53	53	49	50	48	52	44	38	43	53		44.2
WILMINGTON PORTER RSVR	61	75	83	85	73	69	79	74	67	59	65	65	55	76	77		62.2
	39	44	56	50	56	52	52	48	48	48	49	46	37	45	52		43.8
SOUTHERN 02																	
DOVER	61	72	78	84	83	73	76	80	78	70	75	66	59	74	77		64.7
	38	52	59	60	62	50	52	65	50	48	59	52	40	46	55		47.2
GREENWOOD 2 NE	61	62	78	86	84	79	69	82	83	72	67	75	67	59	74		63.9
	37	37	42	57	55	53	54	64	50	46	51	44	40	41	51		43.2
		17		42	63												
LEWES	58	81	80	86	84	61	83	82	68	68	79	67	67	76	76		65.7
	40	43	62	65	62	53	55	54	47	49	53	51	40	47	56		46.8
MILFORD 2 SE	63	62	79	85	85	79	68	82					76	59	75		64.3
	35	37	61	66	62	53	54	65					39	40	49		45.0
SMYRNA 1 W	61	63	78	85	85	76	66	81	81	71	64	74	67	59	74		63.7
	34	33	43	54	58	53	53	58	49	47	47	51	38	39	48		43.0
														48			

EVAPORATION AND WIND

STATION		DAY OF MONTH														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MARYLAND UPPER SOUTHERN 04 UPPER MARLBORO 3 NNW	WIND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	EVAP	3	-	*	*	25	18	18	22	3	*	*	31	-	1	4
	MAX	51	51	52	54	52	56	64	76	53	73	70	49	47	50	52
	MIN	44	44	43	42	34	34	36	46	43	43	43	43	43	44	40

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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	M
UPPER MARLBORO 3 NNW	21	*	*	63	23	32	21	20	*	42	9	6	18	18	23		4.51B	
	71	77	83	89	88	89	84	90	93	87	65	69	74	76	84		69.0	
	40	40	46	56	60	55	56	59	59	54	55	52	39	39	46		45.9	

Evaporation: Is measured in hundredths of inches

Wind: Is measured in miles

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

SNOWFALL AND SNOW ON GROUND (INCHES)

STATION		DAY OF MONTH														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MARYLAND																
MARYLAND																
NORTHERN CENTRAL 06																
DAMASCUS 3 SSW	SNOWFALL				T											
	SN ON GND															
MILLERS 4 NE	SNOWFALL				T											
	SN ON GND															
APPALACHIAN																
MOUNTAIN 07																
FROSTBURG 2	SNOWFALL		4.8	T	.6	T										
	SN ON GND		5		1											
ALLEGHENY PLATEAU 08																
OAKLAND 1 SE	SNOWFALL		6.0	T	7.3	T						T				
	SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DELAWARE																
NORTHERN																
WILMINGTON NEW CASTLE 01 R	SNOWFALL				T	T										
	SN ON GND															
	WTR EQUIV															
SOUTHERN																
SMYRNA 1 W 02	SNOWFALL					T	T									
	SN ON GND															

Snowfall: Includes snow and ice. Values for NWS stations (J index note) are Mid - Mid (LST).
 Snow on ground: Includes snow, sleet, ice and hail. Values for NWS stations (J index note) are observed at 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																
NORTHERN CENTRAL 06																
DAMASCUS 3 SSW																
MILLERS 4 NE																
APPALACHIAN																
MOUNTAIN 07																
FROSTBURG 2																
ALLEGHENY PLATEAU 08																
OAKLAND 1 SE																
DELAWARE																
NORTHERN 01																
WILMINGTON NEW CASTLE R																
SOUTHERN 02																
SMYRNA 1 W																

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				OBSERVER
							LOCAL STD TIME				
							TEMP	PRECIP	EVAP	SPECIAL SEE (NOTES)	
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 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
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	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	17	17		H	LUCILLE K BEALE
FREDERICK 2 NNE	3353	06	FREDERICK	39 26	77 24W	280	07	07		H	DIR PUBLIC WORK WWTP
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	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		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	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		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
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 UNIV FARM	6410	01	NEW CASTLE	39 40	75 45W	90	17	17	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.

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."

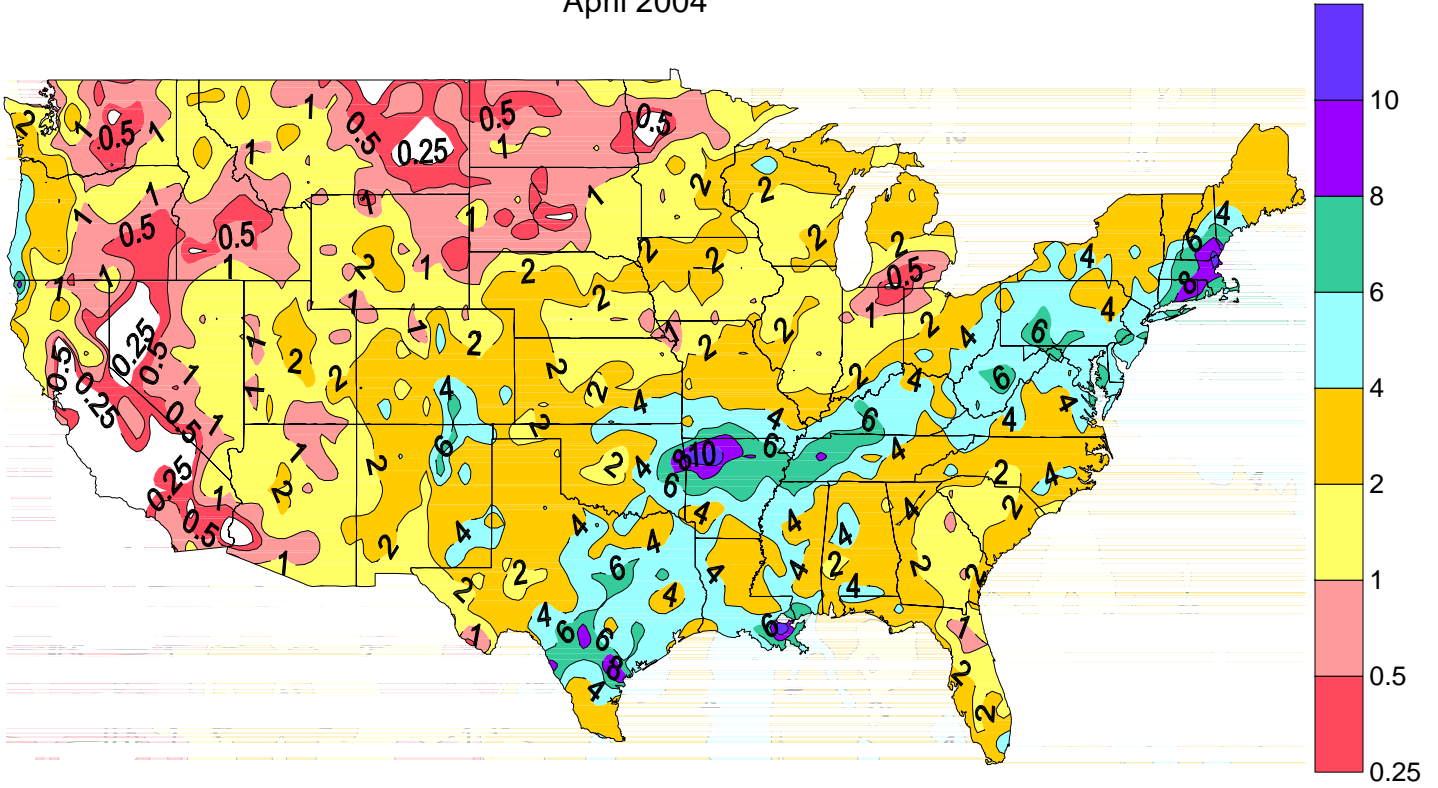
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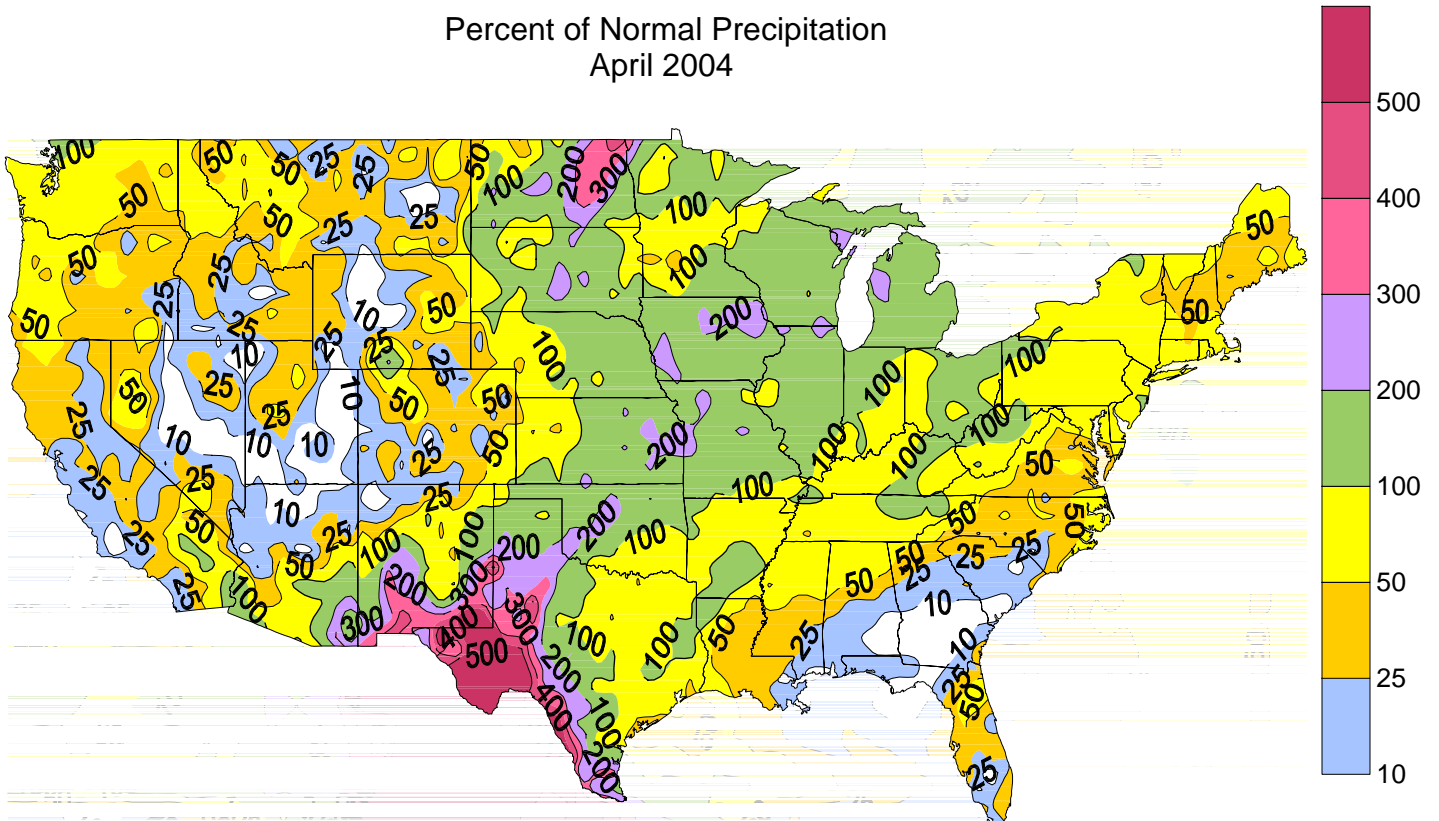
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Total Precipitation (Inches)
April 2004

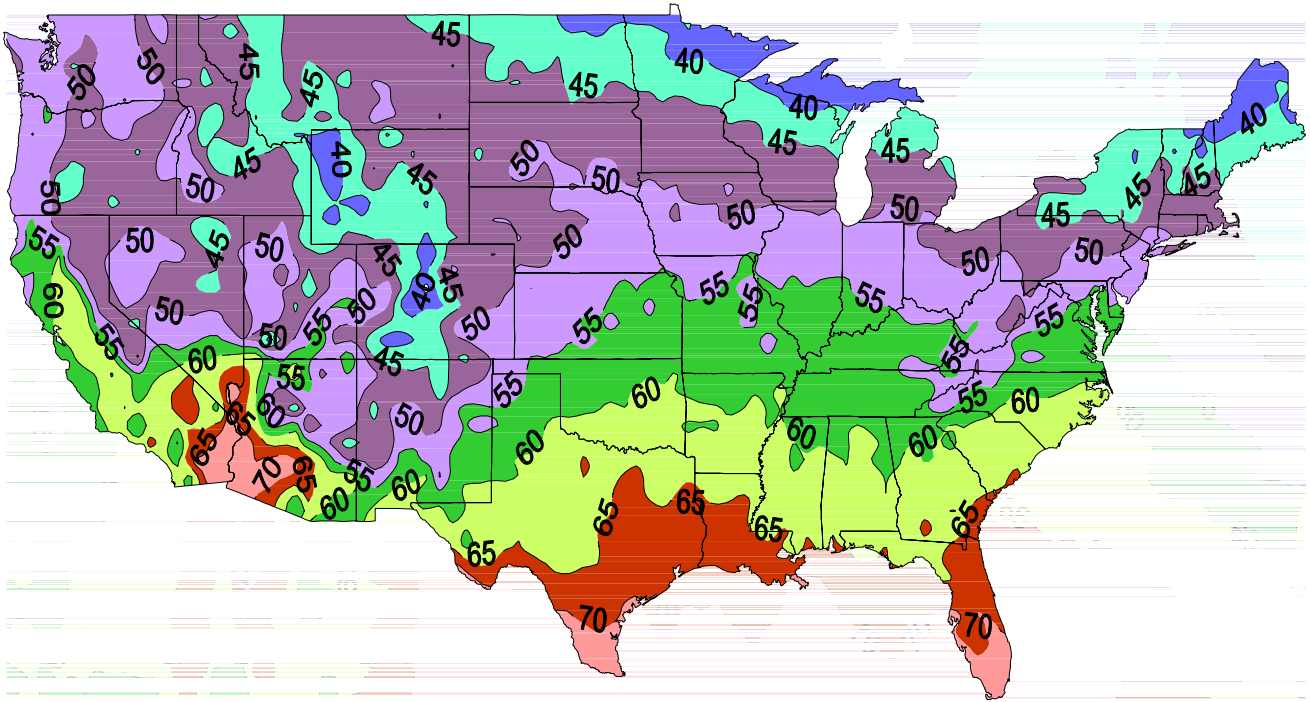


Percent of Normal Precipitation
April 2004

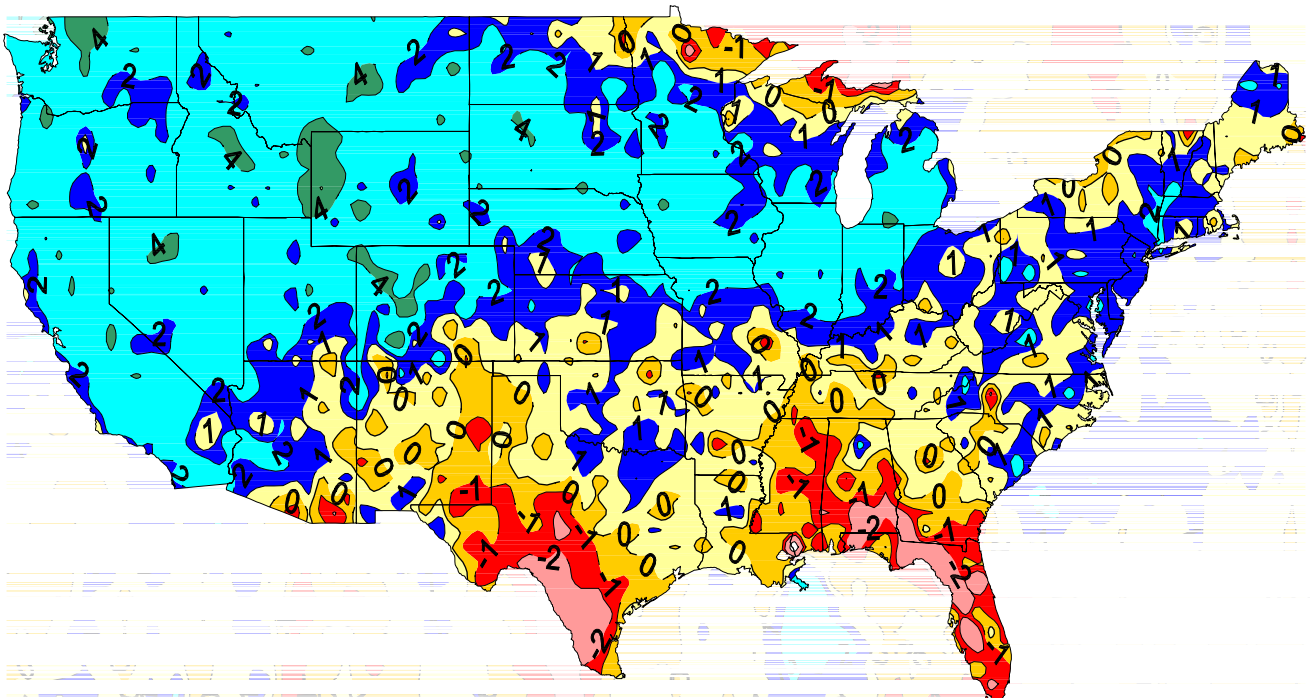


NOTE Contour maps are computer-generated and intended to show general temperature and precipitation patterns. Therefore, contours may not always account for individual datum points.

Average Temperature (Degrees F)
April 2004

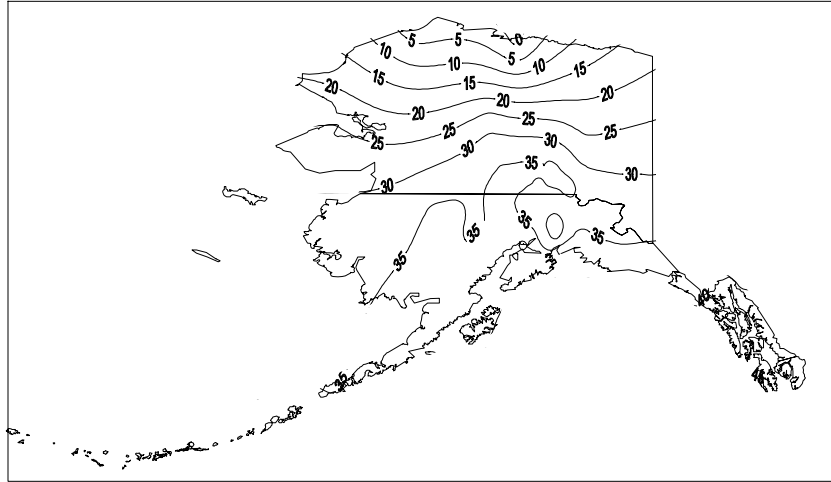


Departure of Average Temperature from Normal (Degrees F)
April 2004

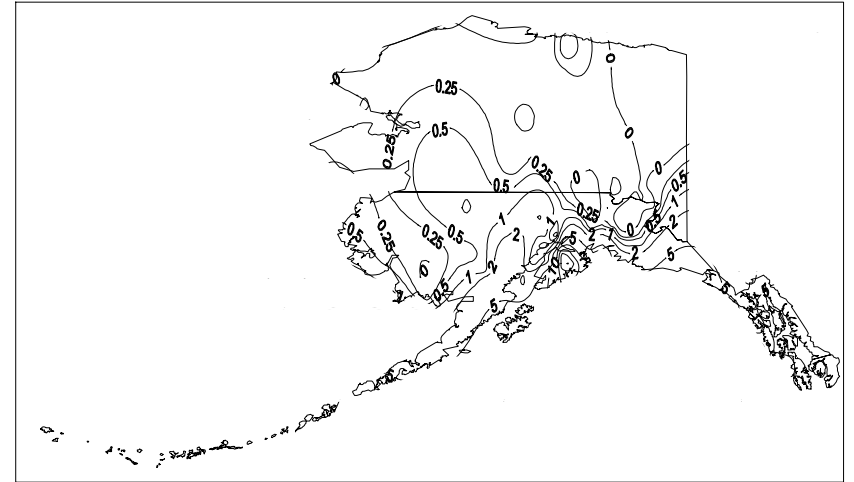


NOTE Contour maps are computer-generated and intended to show general temperature and precipitation patterns. Therefore, contours may not always account for individual datum points.

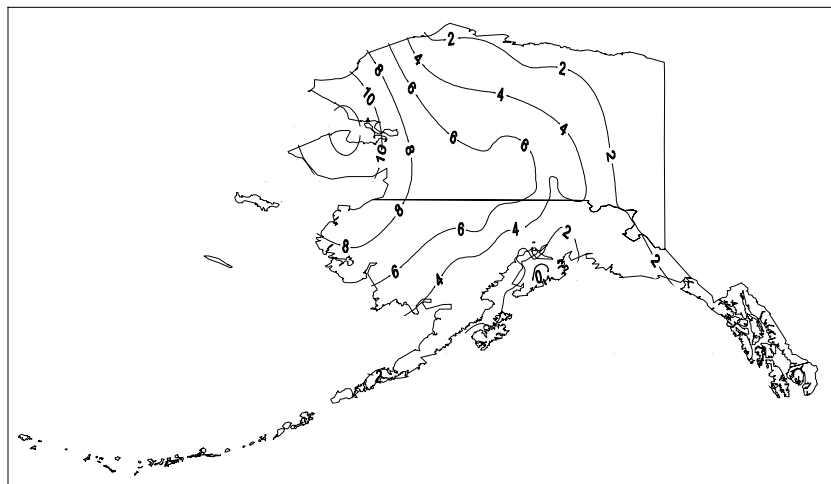
Average Temperature (Degrees F)
April 2004



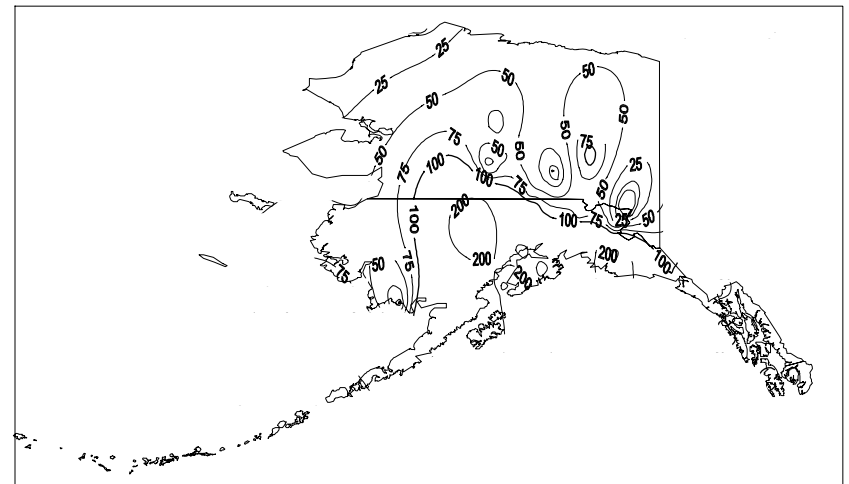
Alaska Precipitation (Inches)
April 2004



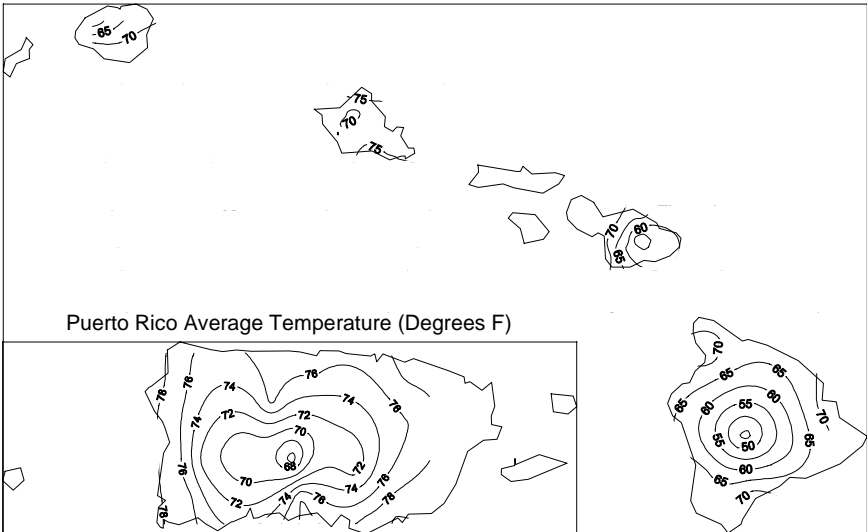
Departure of Average Temperature from Normal (Degrees F)
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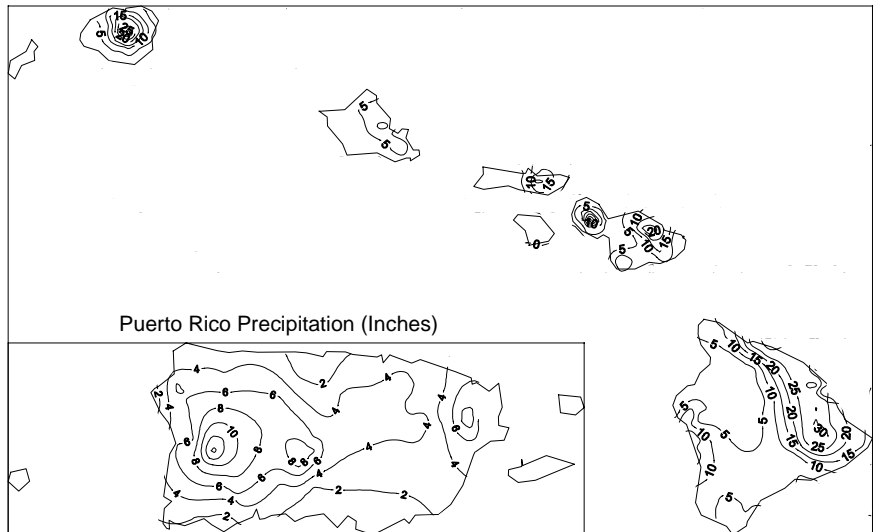
Percent of Normal Precipitation
April 2004



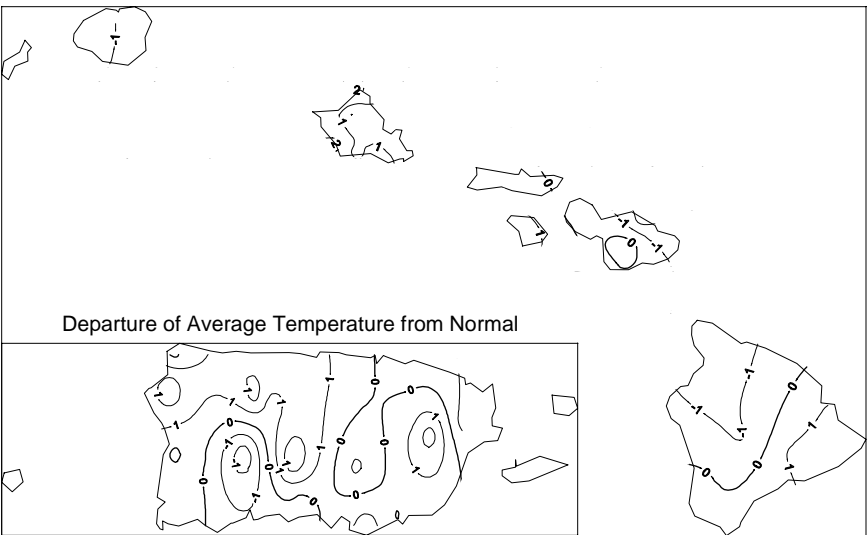
Hawaii Average Temperature (Degrees)
April 2004



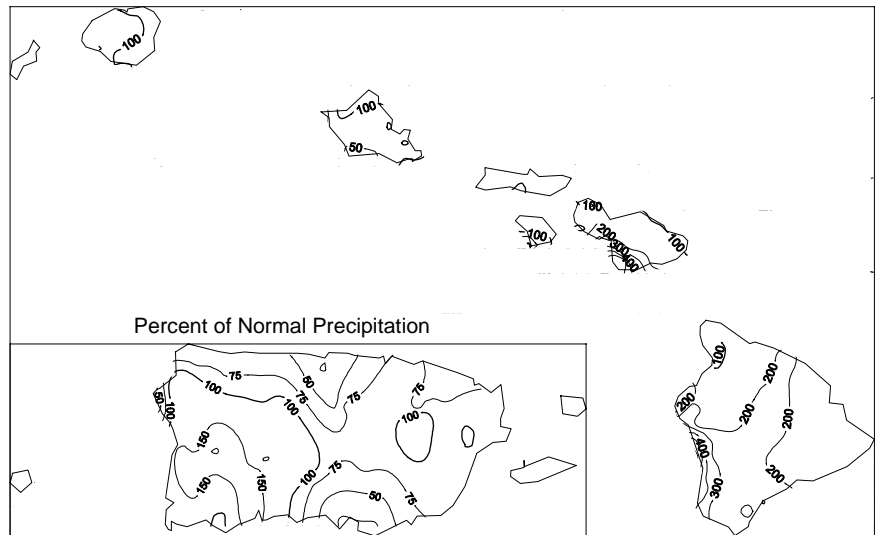
Hawaii Precipitation (Inches)
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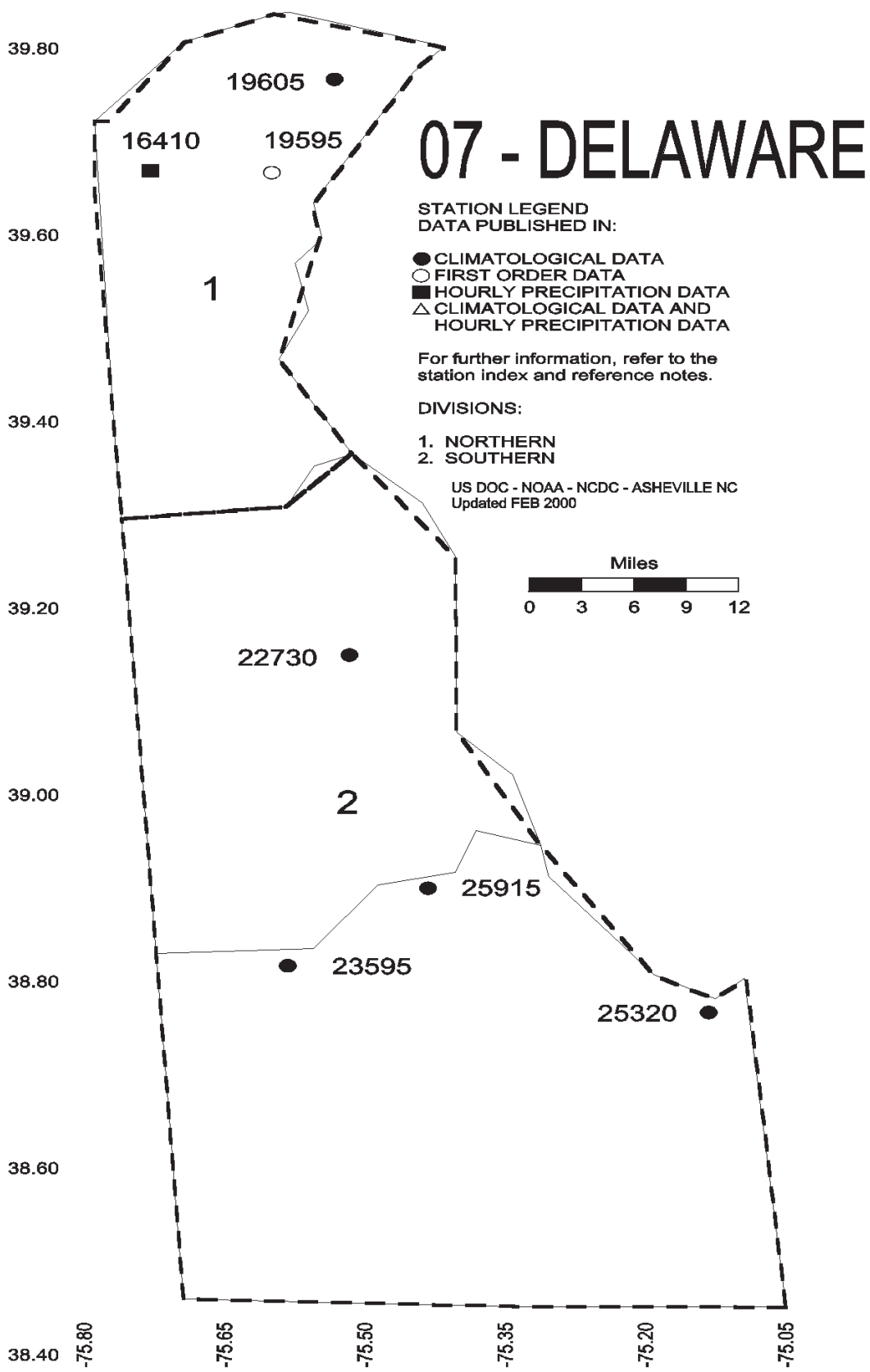


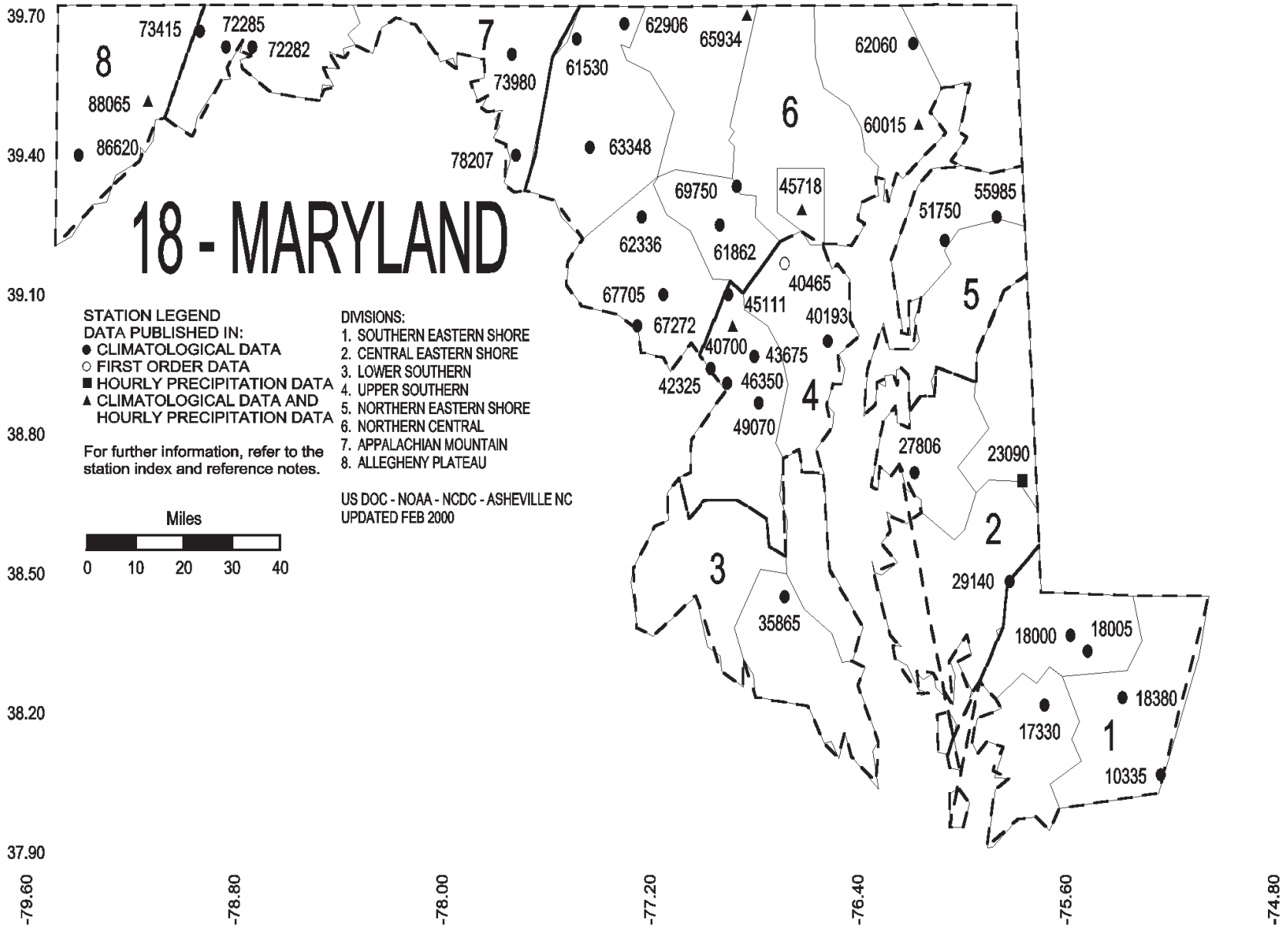
Departure of Average Temperature from Normal (Degrees)
April 2004



Hawaii Percent of Normal Precipitation
April 2004







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