

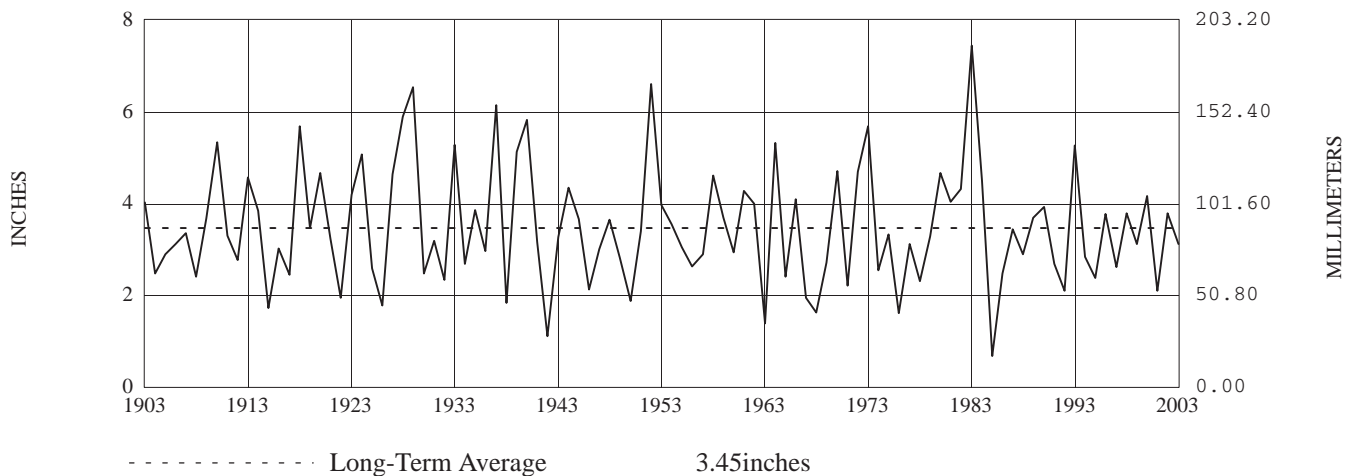
# CLIMATOLOGICAL DATA

## MARYLAND AND DELAWARE

APRIL 2003

VOLUME 107 NUMBER 04

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MARYLAND AND DELAWARE PRECIPITATION APRIL, 1903-2003

### TEMPERATURE AND PRECIPITATION EXTREMES

#### MARYLAND

HIGHEST TEMPERATURE	89	APRIL 17+	3 STATIONS
LOWEST TEMPERATURE	17	APRIL 1	FROSTBURG 2
GREATEST TOTAL PRECIPITATION	5.24		ASSATEAGUE
LEAST TOTAL PRECIPITATION	1.96		EMMITSBURG 2 SE
GREATEST 1 DAY PRECIPITATION	1.50	APRIL 7	ASSATEAGUE
GREATEST TOTAL SNOWFALL	2.0		EMMITSBURG 2 SE
GREATEST DEPTH OF SNOW OR ICE	4	APRIL 1	FROSTBURG 2

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## TEMPERATURE AND PRECIPITATION EXTREMES

### DELAWARE

HIGHEST TEMPERATURE	87	APRIL 16	2 STATIONS
LOWEST TEMPERATURE	24	APRIL 1	BEAR 2 SW
GREATEST TOTAL PRECIPITATION	4.53		LEWES
LEAST TOTAL PRECIPITATION	2.62		WILMINGTON WSO ARPT R
GREATEST 1 DAY PRECIPITATION	1.20	APRIL 11	DOVER
GREATEST TOTAL SNOWFALL	.8		BEAR 2 SW

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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	
<b>MARYLAND</b>															
SOUTHERN EASTERN SHORE 01															
ASSATEAGUE	59.0	44.0	51.5	-1.0	80	17	32	1	398	0	0	0	1	0	
PRINCESS ANNE	M	M	M		82	17+	24	1				0	0	2	0
SALISBURY	65.7	45.3	55.5	-.4	83	17+	31	1	289	12	0	0	1	0	
SALISBURY POLICE BRKS	66.7	44.5	55.6		85	16	31	1	288	14	0	0	1	0	
SALISBURY FAA ARPT	62.9	40.9	51.9	-2.4	83	16	25	1	396	7	0	0	3	0	
SNOW HILL 4 N	65.7	42.7	54.2	-1.3	86	29	27	1	325	8	0	0	2	0	
--DIVISIONAL DATA----->			53.7	-.5											
CENTRAL EASTERN SHORE 02															
ROYAL OAK 2 SSW	65.6	45.4	55.5	-.6	85	16	31	1	289	11	0	0	1	0	
VIENNA	67.3M	45.2M	56.3M	.7	83	30	29	1	271	14	0	0	1	0	
--DIVISIONAL DATA----->			55.9	1.1											
LOWER SOUTHERN 03															
MECHANICSVILLE 5 NE	65.8	43.8	54.8	-.5	88	16	28	1	316	17	0	0	1	0	
OXON HILL	65.0	42.9	54.0		87	17+	29	1	337	12	0	0	1	0	
SOLOMONS	66.3	46.0	56.2		87	17+	34	1	274	19	0	0	0	0	
--DIVISIONAL DATA----->			55.0	.1											
UPPER SOUTHERN 04															
ANNAPOLIS POLICE BRKS	66.6	47.3	57.0	3.4	89	16	32	8	256	22	0	0	1	0	
BALTIMORE WASH INTL AP R	63.5	41.8	52.7	-.5	85	16	27	1	370	6	0	0	2	0	
BELTSVILLE	62.4	41.9	52.2	-1.1	83	17	28	1	383	3	0	0	1	0	
DALECARLIA RESERVOIR	68.6	41.8	55.2	-.4	87	16	25	1	297	10	0	0	1	0	
GLENN DALE BELL STN	63.6	40.8	52.2	.2	87	17	28	1	385	8	0	0	1	0	
LAUREL 3 W	65.3	43.9	54.6	-.3	87	16	30	1	321	16	0	0	1	0	
MD SCI CTR BALTIMORE R	63.7	46.0	54.9		87	16	33	1	308	11	0	0	0	0	
NATIONAL ARBORETUM DC	64.6	44.0	54.3	.2	87	17	32	1	330	16	0	0	1	0	
UPPER MARLBORO 3 NNW	63.0	41.5	52.3	-1.1	86	17	26	1	383	7	0	0	1	0	
--DIVISIONAL DATA----->			53.9	.0											
NORTHERN EASTERN SHORE 05															
CHESTERTOWN	65.0	40.6	52.8	-1.3	89	16	26	1	367	7	0	0	2	0	
--DIVISIONAL DATA----->			52.8	-.6											
NORTHERN CENTRAL 06															
ABERDEEN PHILLIPS FLD	65.1M	42.9M	54.0M	-.6	86	17+	29	1	334	7	0	0	1	0	
CATOCTIN MOUNTAIN PARK	63.5	39.8	51.7	-.2	83	16+	26	1	398	4	0	0	7	0	
CONOWINGO DAM	62.4	41.3	51.9	-.5	89	17	28	1	395	5	0	0	2	0	
DAMASCUS 3 SSW	62.6	41.6	52.1		82	16+	28	1	385	7	0	0	2	0	
EMMITSBURG 2 SE	64.9	38.9	51.9	-.9	83	17+	23	1	385	0	0	0	3	0	
MILLERS 4 NE	63.4	40.8	52.1	.3	82	16	25	1	388	4	0	0	3	0	
ROCKVILLE 1 NE	64.3	43.2	53.8	.5	85	15	30	1	340	11	0	0	1	0	
SMITHSBURG 2 NW	64.9	39.6	52.3		87	16	25	1	384	7	0	0	3	0	
--DIVISIONAL DATA----->			52.5	-.1											
APPALACHIAN MOUNTAIN 07															
CUMBERLAND 2	67.9	41.2	54.6	1.7	85	29+	28	1	311	8	0	0	1	0	
CUMBERLAND POLICE BRK	66.0	41.5	53.8		83	29+	24	1	343	13	0	0	4	0	
FROSTBURG 2	58.1	36.5	47.3	1.4	81	16	17	1	528	3	0	1	10	0	
HAGERSTOWN POLICE BRK	65.8	39.6	52.7		84	17	24	1	361	0	0	0	4	0	
SHARPSBURG 5 S	63.8M	37.6M	50.7M		86	17	26	1	424	6	0	0	3	0	
--DIVISIONAL DATA----->			51.8	.3											
ALLEGHENY PLATEAU 08															
OAKLAND 1 SE	61.7	36.7	49.2	1.7	77	15	24	1	467	0	0	0	11	0	
SAVAGE RIVER DAM	58.7	37.0	47.9	.5	78	16	23	1	509	0	0	0	8	0	
--DIVISIONAL DATA----->			48.6	1.8											
<b>DELAWARE</b>															
NORTHERN 01															
BEAR 2 SW	61.4	40.4	50.9		86	16	24	1	424	8	0	0	2	0	
NEWARK UNIVERSITY FARM	64.7	40.4	52.6	-.5	87	16	26	1	372	8	0	0	2	0	
WILMINGTON WSO ARPT R	60.8	41.2	51.0	-1.4	86	16	28	1	419	8	0	0	2	0	
WILMINGTON PORTER RSVR	60.5	41.8	51.2	-.3	83	16	29	1	414	6	0	0	2	0	
--DIVISIONAL DATA----->			51.4	-.8											
SOUTHERN 02															
DOVER	63.1	43.0	53.1	-1.5	83	17+	29	1	362	10	0	0	1	0	
GREENWOOD 2 NE	61.0	41.0	51.0	-1.2	85	17	28	1	415	1	0	0	2	0	
HARRINGTON 4 NE	59.3	40.0	49.7		83	17	25	1	456	2	0	0	2	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
<b>MARYLAND</b>										
SOUTHERN EASTERN SHORE 01										
ASSATEAGUE	5.24	1.99	1.50	7	.0	0		7	4	3
PRINCESS ANNE	3.70	.47			.0	0		1	1	0
SALISBURY	3.68	.34	1.04	9	.0	0		5	4	2
SALISBURY POLICE BRKS	3.53		1.15	9	.0	0		4	4	2
SALISBURY FAA ARPT	3.94	.53	1.09	9	.0	0		7	3	2
SNOW HILL 4 N	4.46	1.22	1.20	7	.0	0		5	4	2
--DIVISIONAL DATA----->	4.09	.92			.0					
CENTRAL EASTERN SHORE 02										
ROYAL OAK 2 SSW	3.22	-.28	1.16	9	.0	0		4	3	1
VIENNA	2.87	-.46			.0	0		3	0	0
--DIVISIONAL DATA----->	3.05	-.30			.0					
LOWER SOUTHERN 03										
MECHANICSVILLE 5 NE	2.96	-.53	.96	7	M .0	0		6	2	0
OXON HILL	2.31		.68	8	T	T		7	2	0
SOLOMONS	3.35		1.27	7	.0	0		5	2	1
--DIVISIONAL DATA----->	2.87	-.32			.0					
UPPER SOUTHERN 04										
ANNAPOLIS POLICE BRKS	3.19	-.15			.0	0		4	2	0
BALTIMORE WASH INTL AP R	2.40	-.60	.66	7	T	T		6	1	0
BELTSVILLE	2.50	-.83	.59	26	.0	0		7	2	0
DALECARLIA RESERVOIR	2.78	-.76	.72	7	.0	0		6	3	0
GLENN DALE BELL STN	M 2.57		.75	26	M .0	0		5	2	0
LAUREL 3 W	2.85	-.76	.68	7	.0	0		5	3	0
MD SCI CTR BALTIMORE R	2.73		.75	7	M	M		6	1	0
NATIONAL ARBORETUM DC	2.90	-.36	.69	8	.0	0		9	1	0
UPPER MARLBORO 3 NNW	2.75	-.53	.53	11	.0	0		7	1	0
--DIVISIONAL DATA----->	2.76	-.56			.0					
NORTHERN EASTERN SHORE 05										
CHESTERTOWN	3.15	-.19	1.15	26	M .0	0		6	4	1
--DIVISIONAL DATA----->	3.15	-.13								
NORTHERN CENTRAL 06										
ABERDEEN PHILLIPS FLD	3.04	-.32	1.23	26	M .0	T		4	1	1
CATOCTIN MOUNTAIN PARK	M 2.59		.59	22	1.7	2	8+	6	2	0
CONOWINGO DAM	3.00	-.65	.67	27	.0	M		7	1	0
DAMASCUS 3 SSW	2.49		.70	7	.3	0		7	2	0
EMMITSBURG 2 SE	1.96	-1.84	.45	9	2.0	0		7	0	0
MILLERS 4 NE	2.62	-.83	.73	26	1.5	1	7	6	2	0
ROCKVILLE 1 NE	2.55	-.64	.76	7	T	T		6	1	0
SMITHSBURG 2 NW	3.10		.63	18	.0	0		9	1	0
--DIVISIONAL DATA----->	2.68	-.85			.8					
APPALACHIAN MOUNTAIN 07										
CUMBERLAND 2	3.29	.13	.58	7	M .0	T		8	2	0
CUMBERLAND POLICE BRK	2.97		1.20	7	.0	0		7	2	1
FROSTBURG 2	3.29	-.68	.70	8	1.7	4	1	9	3	0
HAGERSTOWN POLICE BRK	2.91		.73	9	M .0	T		7	2	0
SHARPSBURG 5 S	3.12				M .0	T		6	2	0
--DIVISIONAL DATA----->	3.12	-.32			.9					
ALLEGHENY PLATEAU 08										
OAKLAND 1 SE	3.21	-.86	1.04	7	T	T		7	2	1
SAVAGE RIVER DAM	3.30	-.08	.49	7	.0	0		11	0	0
--DIVISIONAL DATA----->	3.26	-.81			.0					
<b>DELAWARE</b>										
NORTHERN 01										
BEAR 2 SW	2.95		.86	11	.8	0		6	3	0
NEWARK UNIVERSITY FARM	3.02	-.51	.91	11	.0	0		7	3	0
WILMINGTON WSO ARPT R	2.62	-.77	.75	11	T	T		7	1	0
WILMINGTON PORTER RSVR	2.78	-1.23	1.02	11	T	T		8	2	1
--DIVISIONAL DATA----->	2.84	-.73			.2					
SOUTHERN 02										
DOVER	3.83	.36	1.20	11	.0	0		9	3	1
GREENWOOD 2 NE	3.16	-.29	.83	11	.0	0		6	3	0
HARRINGTON 4 NE	3.84		1.00	12	T	T		8	4	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 MILFORD 2 SE --DIVISIONAL DATA----->	61.6 60.8	44.5 41.5	53.1 51.2 51.6	-1.5 -1.9 -1.8	87 85	16 17	31 28	1 1	367 410	13 3	0 0	0 0	1 1	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
LEWES	4.53	.99	1.17	9	.0	0		7	5	1
MILFORD 2 SE	3.15	-.35	.97	11	.0	0		6	3	0
--DIVISIONAL DATA----->	3.70	.22			.0					

DAILY PRECIPITATION ( INCHES )

STATION	TOTAL	DAY OF MONTH														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
<b>MARYLAND</b>																
SOUTHERN EASTERN SHORE 01																
ASSATEAGUE	5.24							1.50	.13	1.01	1.27	.79	.26			
PRINCESS ANNE	3.70				*	*	*	1.14		*	1.13	.68	*	*		.40
SALISBURY	3.68	T				.01		1.02	.02	1.04	.03	.58	.58			
SALISBURY POLICE BRKS	3.53							1.10		1.15		.70	.58			
SALISBURY FAA ARPT	3.94	T				.02		1.03	.11	1.09	.58	.36	.40			
SNOW HILL 4 N	4.46	T						1.20	.06	1.18		.88	.69			
CENTRAL EASTERN SHORE 02																
ROYAL OAK 2 SSW	3.22	T						.78	.04	1.16	.05	.33	.09			
VIENNA	2.87							.27	*	*	*	2.21	.14			
LOWER SOUTHERN 03																
MECHANICSVILLE 5 NE	2.96	T				.01		.96	.05	.82	T	.48	T			
OXON HILL	2.31	T	.01				T	.14	.68	.51	.12	.29	.03			
SOLOMONS	3.35	.03						T	1.27	.07	.86	.03	.41	.04		
UPPER SOUTHERN 04																
ANNAPOLIS POLICE BRKS	3.19								.80	.06	.70	.03	.40	.09	.01	
BALTIMORE WASH INTL AP R	2.40	T			T	T		.66	T	.40	.04	.28	.02			
BELTSVILLE	2.50							.21	.55	.27	.21	.35	.02			
DALECARLIA RESERVOIR	2.78	.01						.72	.30	.60		.31				
GLENN DALE BELL STN M	2.57	-	-						.74	.26	.29	.45	.01			
LAUREL 3 W	2.85	.04				.05		.68	.02	.48		.58				
MD SCI CTR BALTIMORE R	2.73					.01		.75		.43	.05	.33	.02			
NATIONAL ARBORETUM DC	2.90	T	T			.02	T	.16	.69	.35	.28	.39	.06			
UPPER MARLBORO 3 NNW	2.75	.01						.32	.41	.46	.26	.53	.08			
NORTHERN EASTERN SHORE 05																
CHESTERTOWN	3.15							.61	.01	.55		.50	.15			
NORTHERN CENTRAL 06																
ABERDEEN PHILLIPS FLD	3.04	.01				*	*	.54	.06	.47		.46	.12			
CATOCTIN MOUNTAIN PARK M	2.59					.16		-	.04		.05	.55				
CONOWINGO DAM	3.00			.01		.01	.01	.48	.19	.26	.48	.35				
DAMASCUS 3 SSW	2.49					.02		.70	T	.50	.05	.15				
EMMITSBURG 2 SE	1.96					.22		.35	T	.45		.25				
MILLERS 4 NE	2.62	T				.05		.65	.05	.33	T	.37	.03			
POTOMAC FILTER PLANT	2.63							.75	.03	.58		.40				
ROCKVILLE 1 NE	2.55				T	T		.76	.01	.47	T	.28				
SMITHSBURG 2 NW	3.10				.17	.01	.21	.34	.41	.16	.31	.06				
APPALACHIAN MOUNTAIN 07																
CUMBERLAND 2	3.29	.01	.01			.54	.02	.58	.48	.33	.09	.45	.08			
CUMBERLAND POLICE BRK	2.97				.06	.55		1.20	.10	.39						
FROSTBURG 2	3.29	.02				.52	.05	.56	.70	.16	.18	.45	.09			
HAGERSTOWN POLICE BRK	2.91	T			T	T		.34	.07	.73		.40				
SHARPSBURG 5 S	3.12	T				.01	.01	.23	.53	.50	.22	.38	.02			
ALLEGHENY PLATEAU 08																
OAKLAND 1 SE	3.21	.02			T	.45		1.04	.05	.38	T	.51	.15			
SAVAGE RIVER DAM	3.30	T				.48	.06	.49	.44	.28	.18	.48	.12			
<b>DELAWARE</b>																
NORTHERN 01																
BEAR 2 SW	2.95	.01		T				.54		.43		.86	.16			
NEWARK UNIVERSITY FARM	3.02								.15	.73		.91	.14			
WILMINGTON WSO ARPT R	2.62	T			T	.01		.39		.45	T	.75	.15			
WILMINGTON PORTER RSVR	2.78					.02		.25	.11	.25		1.02	.17			
SOUTHERN 02																
DOVER	3.83					.10		.62	.20	.86	.03	1.20	.22			
GREENWOOD 2 NE	3.16						.06	.02	.52	.73	.41	.83	.31	T		
HARRINGTON 4 NE	3.84	T	T		T	T	.25	.60	.57	.62	.35	1.00				
LEWES	4.53					T	.08	.52	.11	1.17	.03	.82	.73	T		
MILFORD 2 SE	3.15		T						.38	.50	.56	.97	.30			



DAILY PRECIPITATION ( INCHES )

STATION	DAY OF MONTH															
	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
<b>MARYLAND</b>																
SOUTHERN EASTERN SHORE 01			.04							.20	.04					
ASSATEAGUE								*	*	.35						
PRINCESS ANNE			.01	.02							.37	T				
SALISBURY																
SALISBURY POLICE BRKS																
SALISBURY FAA ARPT		T	.02				T			.26	.07					
SNOW HILL 4 N			.05				.05	T			.34	.01				
CENTRAL EASTERN SHORE 02																
ROYAL OAK 2 SSW			.03							T	.74					
VIENNA											.25					
LOWER SOUTHERN 03																
MECHANICSVILLE 5 NE			.12	.11		T	T			.05	.36	T				
OXON HILL			.01	.18			.01	.02			.30	T			T	
SOLOMONS			.15	T								.49				
UPPER SOUTHERN 04																
ANNAPOLIS POLICE BRKS			.03	.19						*	.87	.01				
BALTIMORE WASH INTL AP R		T	.14	T		.01	T			.42	.37			T	.06	
BELTSVILLE				.07			.02				.59	.21				
DALECARLIA RESERVOIR			.03	.12			.02			.01	.63		.01		.02	
GLENN DALE BELL STN						.07					.75					
LAUREL 3 W			.07	.02		.01				.25	.65					
MD SCI CTR BALTIMORE R			.14	.01		.01				.40	.49				.09	
NATIONAL ARBORETUM DC			.01	.11			.17	T			.43	.23			T	
UPPER MARLBORO 3 NNW			.03	.17							.42	.06				
NORTHERN EASTERN SHORE 05																
CHESTERTOWN		T	.02			T	T			.15	1.15				.01	
NORTHERN CENTRAL 06																
ABERDEEN PHILLIPS FLD		.09	.02			T	.04				1.23			T		
CATOCTIN MOUNTAIN PARK		.08	.14	.45		.06	.59				.47					
CONOWINGO DAM		.05	.02	.05		*	.06				.36	.67				
DAMASCUS 3 SSW		.07	.20	.05		.01	.22			.15	.29		T	T	.08	
EMMITSBURG 2 SE		.05	.05			.15	.12				.32					
MILLERS 4 NE		T	.20	.05		.01	.12				.73	.01		.02		
POTOMAC FILTER PLANT			.45	.12			.10			.20	T					
ROCKVILLE 1 NE		T	.27	.01			.06			.23	.38			T	.08	
SMITHSBURG 2 NW		.09	.63	.05		.29	.05			.20	.06			.06		
APPALACHIAN MOUNTAIN 07																
CUMBERLAND 2				.10			.29				.25	.05			.01	
CUMBERLAND POLICE BRK				.10							.28					
FROSTBURG 2		.01	T	.13	.01		.19	.03			.13	.06				
HAGERSTOWN POLICE BRK		.10	.01	.57		.02	.35				.23			.09		
SHARPSBURG 5 S		.04	.01	*	*	*	*	.94			.16	.03			.04	
ALLEGHENY PLATEAU 08																
OAKLAND 1 SE			.10	.06		.20	.06	T			.07			.08	.04	
SAVAGE RIVER DAM		.14	T	.19	T	T	.23	.02			.12	.07				
<b>DELAWARE</b>																
NORTHERN 01																
BEAR 2 SW		.06	.07				.09			.23	.50			T		
NEWARK UNIVERSITY FARM			.21				.12				.75			.01		
WILMINGTON WSO ARPT R		T	.18				.03			.28	.38			T		
WILMINGTON PORTER RSVR		T	.21				.03			.15	.55			.02		
SOUTHERN 02																
DOVER			.12				.10				.38					
GREENWOOD 2 NE			T	.03			T				.25	T				
HARRINGTON 4 NE			.12	.08			T	T			.25					
LEWES			.47	.01	T		.03				.56					
MILFORD 2 SE			.09	.09			.05				.21					

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
<b>MARYLAND</b>																	
SOUTHERN EASTERN SHORE 01																	
ASSATEAGUE	07	MAX	45	61	76	52	56	52	45	44	43	44	49	48	59	57	61
		OBS	55	80	58									67			
		MIN	32	50	43	40	44	43	41	40	40	41	44	45	40	39	46
PRINCESS ANNE	17	MAX	60	79	82				65	45		46	50			69	75
		MIN	24	42	48				35	37		35	37			30	40
SALISBURY	17	MAX	60	78	78	59	68	64	56	42	43	44	48	68	68	69	76
		MIN	31	49	52	44	45	42	39	40	39	39	42	45	44	37	46
		OBS		31													
SALISBURY POLICE BRKS	17	MAX	62	79	78	53	68	66	54	55	43	43	47	67	67	71	79
		OBS															
		MIN	31	53	53	44	44	41	38	38	34	39	41	44	42	37	47
		OBS															
SALISBURY FAA ARPT	MID	MAX	60	78	74	50	68	54	43	41	43	43	47	66	63	67	76
		MIN	25	50	44	43	44	38	39	38	39	39	43	39	33	31	44
SNOW HILL 4 N	17	MAX	61	80	77	50	69	68	52	43	42	43	48	67	67	66	78
		MIN	27	49	49	44	45	40	39	40	39	38	41	45	37	33	44
<b>CENTRAL EASTERN SHORE</b>																	
ROYAL OAK 2 SSW 02																	
VIENNA	18	MAX	60	78	79	76	57	57	53	42	44	53	51	69	69	66	77
		MIN	31	43	49	46	45	42	39	38	38	40	42	45	40	38	51
		MAX	66	78	81	80	67	65	55	48	48	49	47	68	69	68	74
		MIN	29	55	52	44	48	41	46	41	40	41	40	44	42	35	48
		OBS	38													47	
<b>LOWER SOUTHERN</b>																	
MECHANICSVILLE 5 NE 03																	
OXON HILL	08	MAX	62	83	85	60	62	61	48	42	42	52	46	71	67	69	84
		MIN	28	49	48	46	45	40	38	37	37	40	41	43	38	34	50
		MAX	46	65	83	86	55	63	58	39	41	45	53	54	72	68	75
		MIN	29	38	51	46	43	39	38	35	36	37	39	41	41	38	42
SOLOMONS	16	MAX	61	81	80	67	64	57	52	43	43	52	52	71	70	71	75
		OBS					***										
		MIN	34	54	51	46	45	42	38	38	38	40	41	44	43	40	48
		OBS					***								***		
<b>UPPER SOUTHERN</b>																	
ANNAPOLIS POLICE BRKS 04																	
BALTIMORE WASH INTL AP	MID	MAX	61	79	74	70	57	56	48	44	48	53	55	71	74	70	84
		OBS										65					
		MIN	34	46	53	42	48	44	41	32	37	42	41	52	46	40	47
		OBS	53	60	63	31	34	31							63		
		MAX	62	80	74	49	56	54	47	39	45	53	47	70	65	69	83
		MIN	27	38	46	43	42	38	35	35	36	40	40	46	38	35	41
BELTSVILLE	08	MAX	44	62	80	82	50	59	56	38	39	45	53	51	69	65	71
		MIN	28	33	46	46	43	39	38	36	36	40	41	39	39	36	44
DALECARLIA RESERVOIR	17	MAX	66	83	85	81	61	62	56	40	46	54	49	73	70	73	86
		OBS															
		MIN	25	39	46	45	43	38	36	35	35	33	39	44	38	37	49
		OBS															
GLENN DALE BELL STN	08	MAX	46	64	83	85	50	60	57	37	38	43	52	50	70	68	72
		OBS	***	***													
		MIN	28	38	47	44	42	38	37	35	35	35	38	40	35	34	43
		OBS	***	***	***												
LAUREL 3 W	MID	MAX	63	81	83	54	59	57	48	39	45	53	46	70	67	72	84
		OBS															
		MIN	30	51	50	43	41	37	33	33	35	39	38	44	44	42	50
MD SCI CTR BALTIMORE	MID	MAX	62	81	73	49	54	54	47	40	46	54	48	70	64	67	80
		MIN	33	45	47	44	43	40	34	36	37	40	41	48	50	48	49
NATIONAL ARBORETUM DC	07	MAX	45	64	82	85	53	62	58	39	41	46	54	51	72	68	73
		MIN	32	40	51	46	44	40	39	37	37	37	40	41	42	40	45
UPPER MARLBORO 3 NNW	08	MAX	44	63	81	84	50	60	56	39	39	44	52	49	70	67	69
		MIN	26	35	49	45	43	38	38	36	36	37	39	40	39	35	41
<b>NORTHERN EASTERN SHORE</b>																	
CHESTERTOWN 05																	
	23	MAX	59	80	74	56	57	57	42	39	44	53	45	71	66	72	81
		OBS															
		MIN	26	39	42	40	39	36	31	33	33	36	37	42	42	34	45
		OBS		26													
<b>NORTHERN CENTRAL</b>																	
ABERDEEN PHILLIPS FLD 06																	
CATOCTIN MOUNTAIN PARK	17	MAX	56	78	77	66			43	39	44	51	51	69		68	78
		MIN	29	37	46	44			33	35	36	39	40			38	50
		MAX	57	79	79	77	58	58	50	33	40	47	50	67	64	70	83
		OBS							32								
		MIN	26	35	46	42	38	38	29	28	30	39	30	46	39	39	49
		OBS	49	50	59							30	30	30			
CONOWINGO DAM	07	MAX	48	62	80	70	49	50	56	40	40	44	53	48	68	64	69
		OBS															
		MIN	28	30	38	46	42	39	39	34	36	35	40	40	42	36	36
		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	
<b>MARYLAND</b>																	
SOUTHERN EASTERN SHORE 01																	
ASSATEAGUE	76	80	49	53	56	57	63	62	66	60	64	66	70	77	79		59.0
		52													62		
	50	42	43	42	43	45	48	42	42	47	50	48	48	51	51		44.0
PRINCESS ANNE		82				70	76								76		M
		42				37	50								47		M
SALISBURY	83	83	50	60	65	70	72	66	64	69	64	71	76	82	76		65.7
	58	44	40	44	41	44	54	47	39	48	54	54	45	57	55		45.3
SALISBURY POLICE BRKS	85	84	49	59	64	73	74	64	64	71	65	74	84	83	77		66.7
										79	84	84	***	***			
	59	43	40	43	41	43	55	46	38	45	54	56	39	56	51		44.5
													56	***	***		
SALISBURY FAA ARPT	83	69	49	58	62	66	72	61	63	70	61	71	77	82	69		62.9
	58	39	41	42	38	39	51	44	27	38	53	38	35	50	45		40.9
SNOW HILL 4 N	85	83	51	60	63	63	75	67	65	72	62	74	77	86	77		65.7
	55	45	40	44	38	41	52	43	32	42	54	49	39	49	49		42.7
CENTRAL EASTERN SHORE 02																	
ROYAL OAK 2 SSW	85	82	49	64	67	64	69	63	65	69	61	71	76	76	77		65.6
	62	44	40	45	42	44	55	47	43	49	55	55	45	55	55		45.4
VIENNA	80	78	49	62	67	70	73	66	70	70	72	75	76	83			67.3
	56	44	41	45	41	44	55	46		38		53	43	60	53		45.2
		26	28	30													
LOWER SOUTHERN 03																	
MECHANICSVILLE 5 NE	88	80	46	59	64	67	69	64	66	70	62	72	78	80	75		65.8
	60	42	39	45	37	43	52	46	38	46	55	51	40	55	50		43.8
OXON HILL	87	87	54	46	63	70	72	68	65	68	72	64	73	82	77		65.0
	53	50	38	40	40	45	47	44	43	46	55	50	42	48	53		42.9
SOLOMONS	87	87	49	61	59	66	72	63	68	72	63	73	70	82	78		66.3
											***						
	59	44	40	45	41	46	56	46	44	51	55	54	47	58	53		46.0
							45				***						
UPPER SOUTHERN 04																	
ANNAPOLIS POLICE BRKS	89	86	53	60	62	64	67	62	63	70	70	71	76	81	79		66.6
										***							
	57	50	44	50	45	48	53	54	40	52	59	60	45	53	65		47.3
		42			59				53	***							
BALTIMORE WASH INTL AP	85	70	47	59	65	60	69	62	65	71	62	71	79	75	73		63.5
	57	39	39	45	36	41	48	44	32	46	54	47	41	50	55		41.8
BELTSVILLE	82	83	52	47	61	68	64	68	62	65	70	63	71	77	75		62.4
	51	49	39	39	38	44	48	44	40	43	50	51	41	49	51		41.9
DALECARLIA RESERVOIR	87	86	47	62	68	70	71	65	68	73	64	72	82	81	77		68.6
									86								
	52	43	36	42	38	35	54	43	38	44	55	49	42	51	49		41.8
									63								
GLENN DALE BELL STN	86	87	54	45	62	68	64	72	64	67	73	61	72	81	77		63.6
	53	48	38	38	35	41	50	44	38	42	48	46	39	49	47		40.8
LAUREL 3 W	87	73	45	61	69	64	70	63	67	72	63	72	80	77	75		65.3
											60						
	59	38	36	43	42	47	49	45	34	49	53	51	52	56	53		43.9
MD SCI CTR BALTIMORE	87	71	48	60	65	62	69	62	67	68	63	72	79	76	72		63.7
	62	39	39	45	47	50	50	46	42	52	54	55	51	56	57		46.0
NATIONAL ARBORETUM DC	85	87	55	47	63	70	70	69	65	67	72	65	74	80	77		64.6
	54	51	39	39	40	44	49	45	42	45	55	52	44	57	53		44.0
UPPER MARLBORO 3 NNW	84	86	53	46	62	67	65	69	63	66	71	62	72	79	77		63.0
	54	49	38	39	37	41	47	44	41	42	47	50	40	48	51		41.5
NORTHERN EASTERN SHORE 05																	
CHESTERTOWN	89	69	47	59	70	70	72	65	69	71	60	74	80	79	79		65.0
		58															
	54	37	36	41	41	40	48	43	38	43	51	50	41	51	49		40.6
												50					
NORTHERN CENTRAL 06																	
ABERDEEN PHILLIPS FLD	86	86	48		62	68	61	64	72			77	77	76			65.1
	53	44	40		48	53	45	40	48			42	50	53			42.9
CATOCTIN MOUNTAIN PARK	83	74	43	57	64	62	61	57	63	70	65	68	78	76	72		63.5
	51	39	31	37	39	44	49	35	32	44	50	46	38	55	49		39.8
	61											50					
CONOWINGO DAM	76	89	52	50	68	68	68	66	64	70	72	60	74	80	74		62.4
						***											
	56	48	40	38	38	44	45	44	40	40	51	52	44	50	48		41.3
	44					***					42						

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	62	79	80	66	56	51	43	36	42	50	45	69	65	70	82
EMMITSBURG 2 SE	17	MIN	28	46	53	47	42	35	32	33	33	37	36	42	36	35	45
		MAX	62	80	78	78	55	58	50	37	42	51	50	69	69	70	82
MILLERS 4 NE	18	OBS			86	49											
		MIN	23	33	42	45	40	33	32	32	34	33	38	43	33	33	42
ROCKVILLE 1 NE	MID	OBS															
		MAX	59	77	76	67	51	51	48	35	41	52	50	67	67	69	81
SMITHSBURG 2 NW	08	MIN	25	37	46	43	39	33	32	31	33	37	36	43	41	38	45
		MAX	63	80	83	51	60	54	48	38	44	55	46	68	63	72	85
APPALACHIAN MOUNTAIN CUMBERLAND 2	18	OBS	***	***													
		MIN	30	41	49	40	43	36	34	34	35	39	37	46	43	46	50
CUMBERLAND POLICE BRK	17	OBS	***	***													
		MAX	41	68	83	82	65	69	55	38	40	44	54	50	70	68	76
FROSTBURG 2	07	MIN	25	33	44	46	42	34	35	32	33	34	38	38	33	38	42
		MAX	69	81	83	79	71	54	50	40	42	56	52	68	69	79	85
HAGERSTOWN POLICE BRK	17	MIN	28	48	56	46	46	33	33	33	34	38	38	39	36	38	46
		MAX	67	78	80	80	68	61	51	38	40	52	53	64	65	75	83
SHARPSBURG 5 S	07	OBS															
		MIN	24	51	60	53	46	34	33	32	32	32	37	43	37	34	42
ALLEGHENY PLATEAU OAKLAND 1 SE	17	OBS															
		MAX	33	62	76	77	71	66	47	31	36	35	48	42	61	62	73
SAVAGE RIVER DAM	08	MIN	17	33	54	56	44	28	28	28	29	33	33	33	33	33	37
		MAX	64	80	81	79	59	65	51	38	41	50	51	68	69	70	82
NORTHERN BEAR 2 SW	MID	OBS															
		MIN	24	26	46	42	42	36	32	32	33	38	38	38	38	36	43
NEWARK UNIVERSITY FARM	17	OBS															
		MAX	44	67	82	82	61	63	52	39	39	42	52	47	70	66	74
WILMINGTON WSO ARPT	MID	MIN	26	31	40	46	44	40	35	34	34	35	37	38	33	33	34
		MAX	59	72	74	72	62	57	46	42	39	44	44	55	59	73	77
WILMINGTON PORTER RSVR	MID	MIN	24	53	41	46	45	27	32	29	31	32	34	35	28	29	36
		MAX	36	63	73	75	70	64	48	34	36	39	49	45	61	63	73
SOUTHERN DOVER	16	MIN	23	30	45	49	46	32	32	31	31	33	33	37	34	32	33
		MAX	57	77	64	47	50	53	41	37	42	49	45	68	60	65	78
GREENWOOD 2 NE	07	MIN	24	36	44	41	40	37	33	35	36	38	39	44	36	32	41
		MAX	56	77	75	60	51	54	49	38	46	51	51	69	69	69	76
HARRINGTON 4 NE	07	OBS			64												
		MIN	26	37	42	38	38	38	30	34	35	42	39	44	38	35	41
LEWES	17	OBS															
		MAX	56	76	63	48	49	52	41	38	42	50	47	68	61	62	77
MILFORD 2 SE	07	MIN	28	37	42	40	40	36	32	35	36	38	39	45	40	35	46
		MAX	53	79	59	46	47	50	43	36	41	48	45	67	67	64	76
DOVER	16	MIN	29	41	42	39	38	35	31	33	34	37	38	43	43	42	46
		MAX	55	77	76	56	57	56	54	38	41	44	44	66	65	62	76
GREENWOOD 2 NE	07	MIN	29	40	44	42	42	41	38	36	36	37	38	42	42	36	48
		MAX	46	58	78	65	49	61	55	41	40	42	45	46	68	62	69
HARRINGTON 4 NE	07	OBS															
		MIN	28	34	44	43	42	38	40	38	37	32	38	42	41	35	35
LEWES	17	MAX	43	57	76	57	49	55	52	41	39	42	46	46	66	60	63
		MIN	25	39	39	43	42	37	37	37	37	37	37	42	40	32	33
MILFORD 2 SE	07	OBS			25												
		MAX	59	78	68	47	47	51	51	41	42	42	46	63	66	63	79
MILFORD 2 SE	07	MIN	31	43	44	43	42	41	39	39	38	38	40	44	47	37	49
		MAX	44	58	78	58	49	54	56	43	41	43	47	47	68	63	66
MILFORD 2 SE	07	OBS															
		MIN	28	41	42	43	42	37	42	38	38	39	38	43	42	35	35
MILFORD 2 SE	07	OBS															
		MIN	28	28													

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	82	73	42	60	66	63	59	60	63	67	58	69	77	73	71		62.6
EMMITSBURG 2 SE	58	41	34	40	40	45	50	41	36	46	52	45	41	48	50		41.6
	83	83	48	58	64	64	62	59	65	69	62	70	77	76	77		64.9
	47	44	35	40	36	43	49	42	36	41	53	43	35	43	43		38.9
MILLERS 4 NE	82	80	46	62	67	64	62	58	64	69	64	68	77	76	72		63.4
ROCKVILLE 1 NE	56	43	34	40	38	42	50	40	36	45	52	48	42	52	48		40.8
	84	71	44	62	68	67	64	61	66	71	61	70	81	75	74		64.3
	60	38	37	43	37	53	49	48	38	43	54	50	41	50	53		43.2
SMITHSBURG 2 NW	87	85	55	46	65	75	66	65	62	67	74	63	75	82	77		64.9
	51	50	38	28	41	51	50	40	34	38	50	41	37	44	49		39.6
38																	
APPALACHIAN MOUNTAIN CUMBERLAND 2 07	84	82	49	52	69	70	70	61	68	70	65	73	85	85	77		67.9
	50	37	37	41	50	50	41	36	36	45	51	39	39	45	48		41.2
CUMBERLAND POLICE BRK	83	82	51	51	66	66	66	55	65	68	64	70	83	83	73		66.0
	55	49	36	36	49	48	48	38	36	40	52	41	37	49	41		41.5
42																	
FROSTBURG 2	81	78	50	38	46	64	64	53	55	61	66	54	66	79	68		58.1
HAGERSTOWN POLICE BRK	50	46	32	32	36	44	46	33	30	31	42	36	39	42	42		36.5
	80	84	53	57	64	63	63	60	67	71	67	70	76	78	74		65.8
	49	45	35	40	40	49	49	41	35	35	53	41	39	50	43	***	39.6
																***	
SHARPSBURG 5 S	85	86	54						61	68	72	62	72	81	75		63.8
	46	51	36						31	33	43	43	37	38	42		37.6
ALLEGHENY PLATEAU OAKLAND 1 SE 08	76	72	52	55	66	67	66	53	58	63	60	64	76	75	72		61.7
	43	44	33	35	46	49	42	33	26	38	49	31	30	42	39		36.7
SAVAGE RIVER DAM	78	77	52	38	49	64	66	62	55	62	65	57	67	76	65		58.7
	42	47	35	34	38	48	48	38	31	33	41	37	37	38	42		37.0
DELAWARE																	
NORTHERN BEAR 2 SW 01	86	71	47	64	68	62	68	58	64	67	58	69	77	77	73		61.4
	60	38	38	44	35	41	47	39	39	40	53	47	39	46	49		40.4
NEWARK UNIVERSITY FARM	87	85	47	64	68	68	69	63	64	66	70	70	79	78	71		64.7
	75																
	58	41	36	42	37	37	50	40	42	41	51	49	36	50	46		40.4
	47				47		39				38	37		36			
WILMINGTON WSO ARPT	86	60	48	65	67	57	69	59	64	68	59	69	76	78	70		60.8
	59	38	37	43	37	44	45	41	38	41	53	49	43	49	51		41.2
WILMINGTON PORTER RSVR	83	69	47	62	66	66	66	56	62	69	58	68	76	76	71		60.5
	58	37	37	42	42	40	46	43	39	46	52	51	48	52	51		41.8
SOUTHERN DOVER 02	83	83	45	55	61	61	71	66	62	72	70	68	78	79	71		63.1
	60	44	39	42	41	41	50	46	39	43	52	51	42	57	53		43.0
										58							
GREENWOOD 2 NE	77	85	48	46	59	65	62	72	61	64	72	61	72	78	82		61.0
							72										
HARRINGTON 4 NE	49	45	39	40	38	40	45	44	35	42	51	51	42	54	48		41.0
	76	83	47	46	57	62	64	72	59	63	72	62	68	76	81		59.3
	56	46	38	39	40	38	44	41	34	35	45	48	38	50	51		40.0
	46													39			
LEWES	87	83	44	53	58	56	69	61	65	71	63	67	78	80	70		61.6
	61	42	39	42	44	42	51	45	41	49	50	54	47	58	54		44.5
MILFORD 2 SE	78	85	45	46	60	65	65	73	61	65	72	62	72	77	83		60.8
	49	45	40	42	42	39	41	44	36	42	48	49	41	52	52	***	41.5
												***	42				

EVAPORATION AND WIND

STATION		DAY OF MONTH															
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
<b>MARYLAND</b>																	
UPPER SOUTHERN	04																
BELTSVILLE		WIND	-	67	59	73	81	72	73	89	59	86	138	94	*	144	41
		EVAP	-	10	20	34	1	7	16	-	20	0	17	0	*	47	19
		MAX	-	58	75	81	53	58	65	41	40	43	57	46	-	71	75
		MIN	-	35	42	49	44	38	38	35	36	36	39	40	-	43	44
UPPER MARLBORO 3 NNW		WIND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		EVAP	-	10	24	23	1	*	22	-	2	0	11	*	*	41	24
		MAX	55	59	79	85	54	61	71	41	43	44	60	47	74	76	77
		MIN	34	35	44	49	44	39	39	37	38	38	41	41	46	46	46

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	
<b>MARYLAND</b>																	
UPPER SOUTHERN 04																	
BELTSVILLE	55	83	92	*	*	116	33	92	122	58	59	47	50	35	48		2034B
	21	25	13	*	*	13	18	12	27	18	9	5	21	20	12		4.34B
	81	79	60	-	-	75	68	68	66	69	71	65	79	81	76		65.4
	49	51	39	-	-	38	49	41	37	37	50	52	46	46	52		42.5
UPPER MARLBORO 3 NNW	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		M
	23	24	11	-	9	15	11	14	27	*	*	*	48	23	12		4.16B
	84	83	59	46	71	79	73	71	71	75	74	64	84	86	79		67.5
	47	52	40	40	45	46	49	43	38	38	48	53	48	49	53		43.5

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
<b>MARYLAND</b>																
MARYLAND LOWER SOUTHERN 03 OXON HILL	SNOWFALL SN ON GND	T						T								
UPPER SOUTHERN 04 BALTIMORE WASH INTL AP R	SNOWFALL SN ON GND WTR EQUIV							T								
NORTHERN CENTRAL 06 ABERDEEN PHILLIPS FLD	SNOWFALL SN ON GND					-	-	T								
CATOCTIN MOUNTAIN PARK	SNOWFALL SN ON GND					-	-	T								
DAMASCUS 3 SSW	SNOWFALL SN ON GND	-	-	-	-			1.7								
EMMITSBURG 2 SE	SNOWFALL SN ON GND							2	2	-	-					
MILLERS 4 NE	SNOWFALL SN ON GND							.3								
ROCKVILLE 1 NE	SNOWFALL SN ON GND							T								
APPALACHIAN MOUNTAIN 07 CUMBERLAND 2	SNOWFALL SN ON GND							T		-	-					
FROSTBURG 2	SNOWFALL SN ON GND	-	-					T								
HAGERSTOWN POLICE BRK	SNOWFALL SN ON GND	.2						1.0	.5							
SHARPSBURG 5 S	SNOWFALL SN ON GND	4						1	1	T						
ALLEGHENY PLATEAU 08 OAKLAND 1 SE	SNOWFALL SN ON GND	T						T		-						
<b>DELAWARE</b>																
NORTHERN 01 BEAR 2 SW	SNOWFALL SN ON GND							.8								
WILMINGTON WSO ARPT R	SNOWFALL SN ON GND WTR EQUIV							T								
WILMINGTON PORTER RSVR	SNOWFALL SN ON GND							T								
SOUTHERN 02 HARRINGTON 4 NE	SNOWFALL SN ON GND	T						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
<b>MARYLAND</b>																
MARYLAND																
LOWER SOUTHERN 03																
OXON HILL																
UPPER SOUTHERN 04																
BALTIMORE WASH INTL AP R																
NORTHERN CENTRAL 06																
ABERDEEN PHILLIPS FLD																
CATOCTIN MOUNTAIN PARK																
DAMASCUS 3 SSW																
EMMITSBURG 2 SE																
MILLERS 4 NE																
ROCKVILLE 1 NE																
APPALACHIAN																
MOUNTAIN 07																
CUMBERLAND 2																
FROSTBURG 2																
HAGERSTOWN POLICE BRK																
SHARPSBURG 5 S				-	-	-	-	-	-	-	-	-	-	-	-	-
ALLEGHENY PLATEAU 08				-	-	-	-	-	-	-	-	-	-	-	-	-
OAKLAND 1 SE																
<b>DELAWARE</b>																
NORTHERN 01																
BEAR 2 SW																
WILMINGTON WSO ARPT R																
WILMINGTON PORTER RSVR																
SOUTHERN 02																
HARRINGTON 4 NE																

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)	
<b>MARYLAND</b>											
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	0465	04	ANNE ARUNDEL	39 10	76 24W	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	INACTIVE 02/28/2003
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	17	17		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	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	MID	MID		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	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	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
<b>DELAWARE</b>											
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 WSO ARPT	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 1993, the averaging period is 1961 to 1990. The normals for National Weather Service localities have been adjusted so as to be representative for the current observation site.

**MONTHLY DEGREE DAY TOTALS:** One heating (cooling) degree day is accumulated for each whole degree that the daily mean temperature is below (above) 65 degrees Fahrenheit.

**PRECIPITATION:** Values shown in hundredths of inches are water equivalent totals, i.e., total of liquid and melted frozen precipitation. In the "Monthly Summarized Data" table the total snow and sleet values shown in tenths of inches are unmelted amounts. The max depth on ground values of snow and sleet shown in whole inches are cumulative unmelted amounts. The number of days with .10, .50, 1.00 or more refers to water equivalents.

**PRECIPITATION QUALITY CONTROL:** The NCDC quality control process may delete precipitation data that are spatially inconsistent; exceed climatological limits, or are inconsistent with prevailing weather patterns.

**TEMPERATURE:** Original and edited temperature values are given in the "Daily Temperature" table. Edited values are produced when an original value is missing or when surrounding stations indicated a suspect original value. When a line labeled OBS is present and contains either a daily temperature (suspect) or \*\*\* (missing), the temperature appearing directly above, on the line labeled MAX or MIN, is an edited value. Summary temperature information (averages, departures, extremes, monthly degree day totals) is based on the values labeled MAX/MIN.

**WIND:** (As shown in the "Evaporation and Wind" table) the total wind movement in miles over the evaporation pan as determined by an anemometer recorder located 6-8 inches above the pan.

### SYMBOLS AND LETTERS USED IN THE STATION INDEX TABLE

# Thermometers located in a rooftop shelter.  
// Rain gage equipped with a windshield  
AR Observation made "after rain" has occurred.  
C Station is equipped with recording rain gage (R) but values in this bulletin are from a non-recording rain gage unless indicated by an R.  
G Observations appear in the "Soil Temperatures" table.  
H Observations appear in the "Snowfall and Snow on the Ground" table.  
J Station also published as a Local Climatological Data publication.  
MID Observation time is midnight.  
MO Rain gage read once monthly, usually the last day.  
OC Rain gage readings vary from a few weeks to several months.  
R Amounts from recording rain gage.  
SR Observation time near sunrise.

VAR Observation time varies.  
WI Rain gage read weekly or irregularly.  
WM Rain gage read weekly and last day of the month.

### SYMBOLS AND LETTERS USED IN THE DATA TABLES

(DAILY DATA ARE FOR THE 24 HOURS IMMEDIATELY PRECEDING OBSERVATION TIME.)

BLANK Entries in the "Monthly Summarized Data" table indicate no record.  
BLANK Entries in the "Daily Precipitation" and "Snowfall and Snow on the Ground" tables indicate zero.

BLANK Entries in the "Daily Temperature" table indicate a missing record where an edited value could not be determined. (See \*\*\* below)

- No record. Data not recorded, determined unreliable by quality control check, or not received in time for publication.  
+ Precipitation or temperature extremes occurred on one or more previous dates during the month.

\*\*\* Missing original temperature which has been estimated during edit.

\* Rain gage not read. Precipitation is included in the amount following the asterisks. Time distribution not known. A \* preceding the monthly total indicates precipitation amount is being carried forward to next months total, and may include amounts from the previous month(s).

// Rain gage equipped with a windshield.

A Amount of precipitation is the total of observer's entries for the current month. It may include precipitation that occurred during the previous month. Refer to earlier bulletin to determine date of last reading. (Hawaii stations)

B Adjusted monthly value (estimated), (1-7 missing values for wind and evaporation).

M Insufficient or partial data. M is appended to average and/or total values computed with 1-9 daily values missing. M appears alone if 10 or more daily values are missing, (8 or more for wind and evaporation).

R Amounts from recording rain gage.

T Trace. An amount too small to measure.

V Includes total for previous month(s). (See \* above)

**SEASONAL TABLES:** Monthly and seasonal snowfall and heating degree days for the 12 months ending with the June data are published in the July issue of this bulletin. Cooling degree days for the calendar year are published in the "Climatological Data Annual Summary."

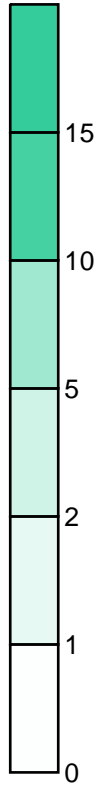
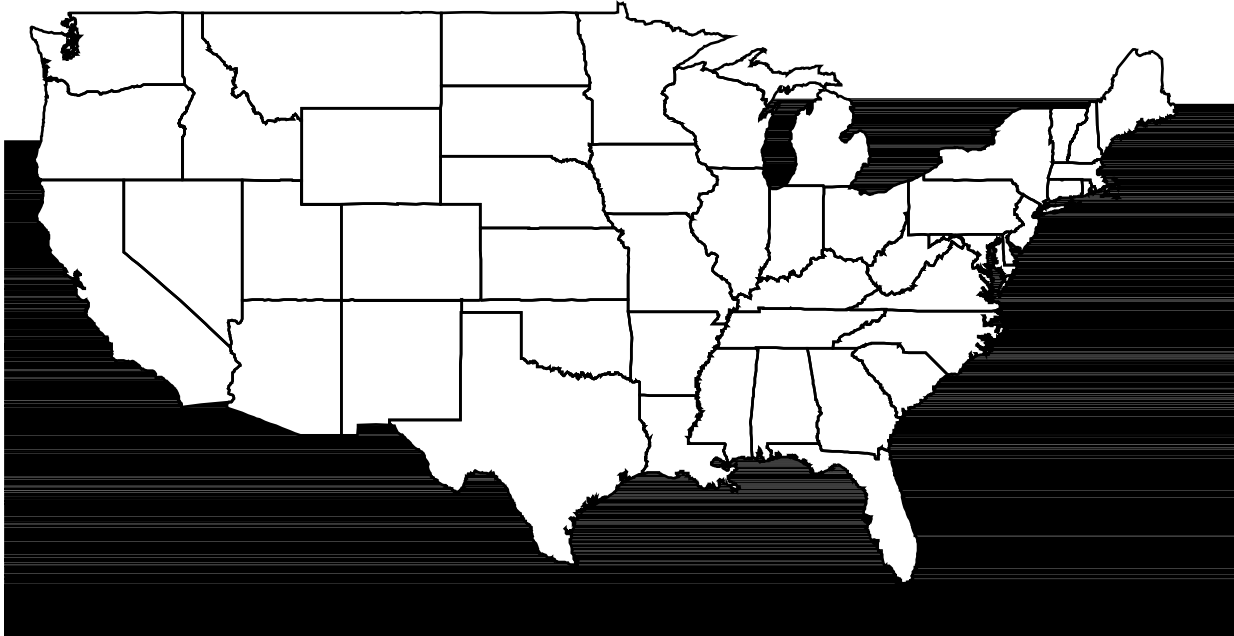
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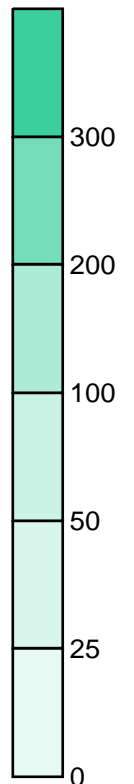
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Total Precipitation (Inches)  
April 2003

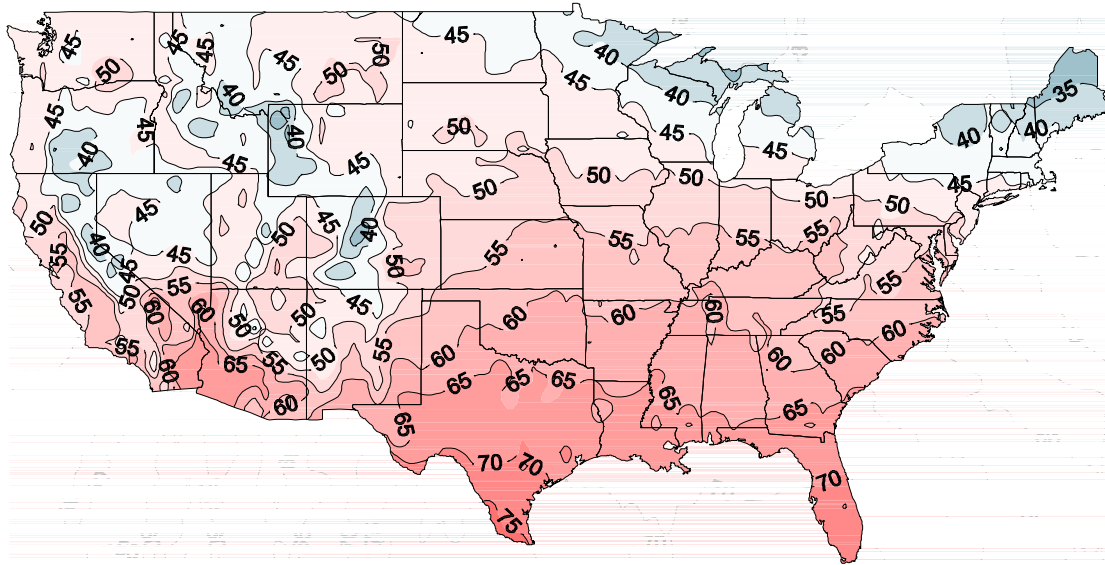


Percent of Normal Precipitation  
April 2003

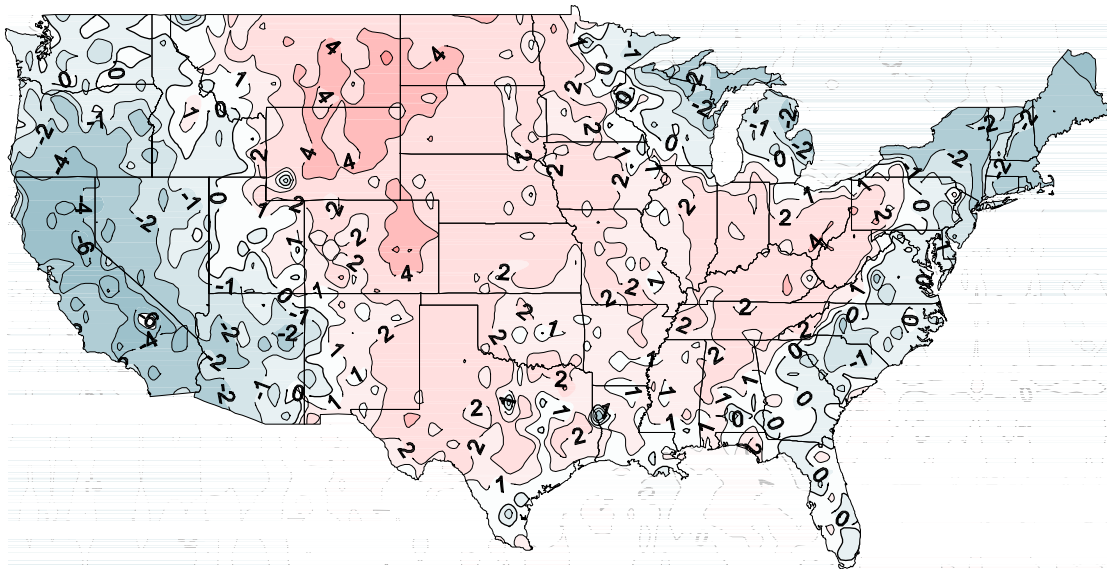


\*NOTE\* Contour maps are computer-generated and intended to show general temperature and precipitation patterns. Therefore, contours may not always account for individual datum points.

Average Temperature (Degrees F)  
April 2003

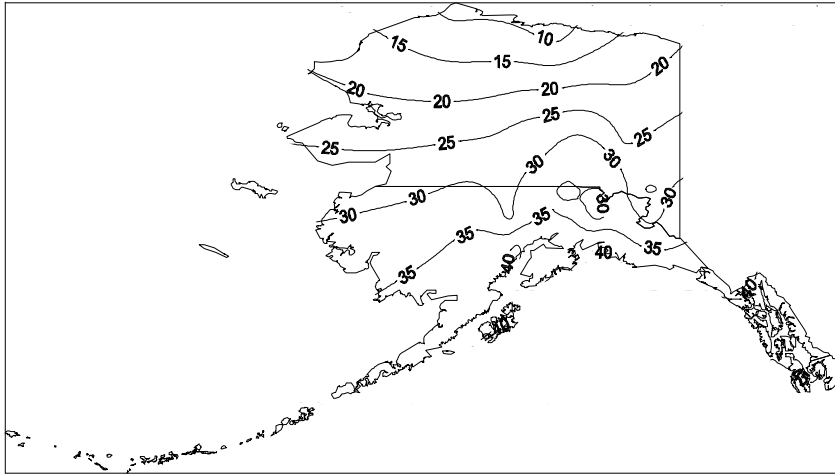


Departure of Average Temperature from Normal (Degrees F)  
April 2003

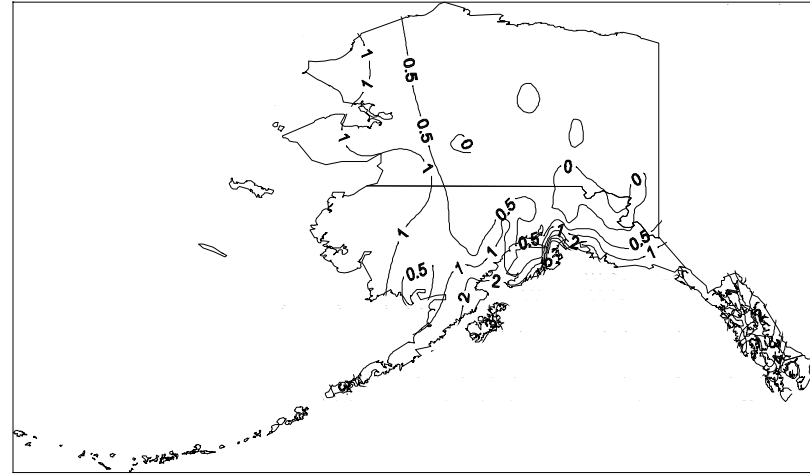


\*NOTE\* Contour maps are computer-generated and intended to show general temperature and precipitation patterns. Therefore, contours may not always account for individual datum points.

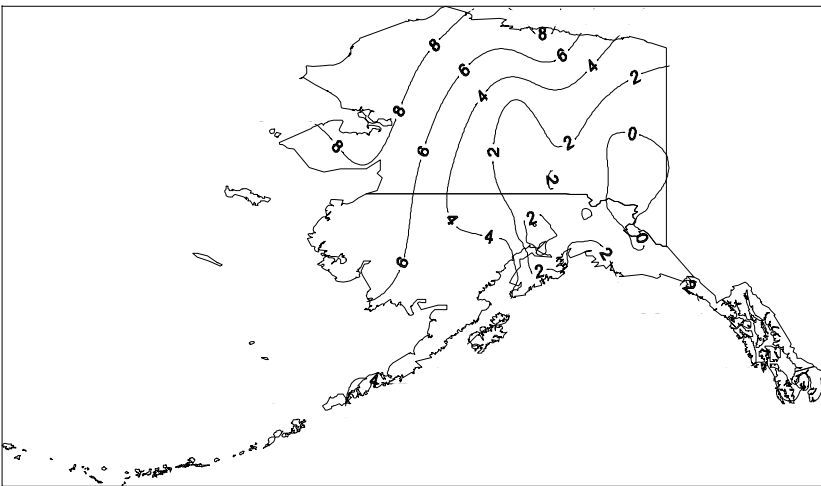
Average Temperature (Degrees F)  
April 2003



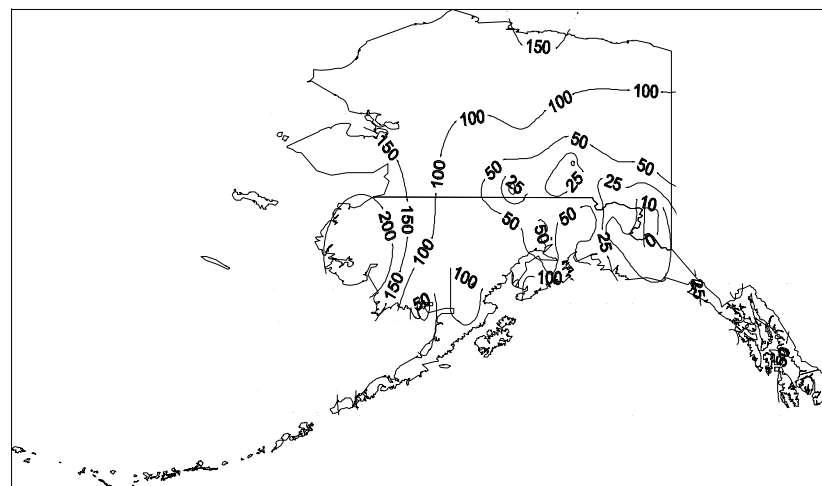
Alaska Precipitation (Inches)  
April 2003



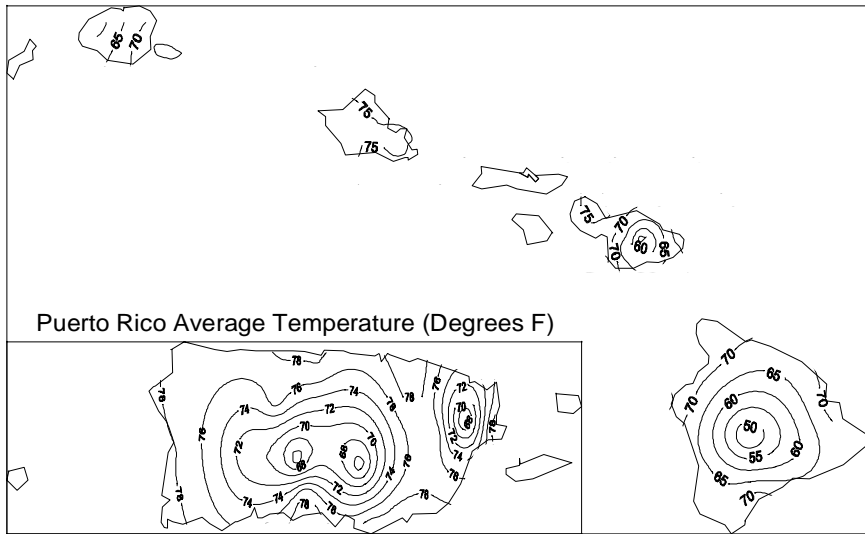
Departure of Average Temperature from Normal (Degrees F)  
April 2003



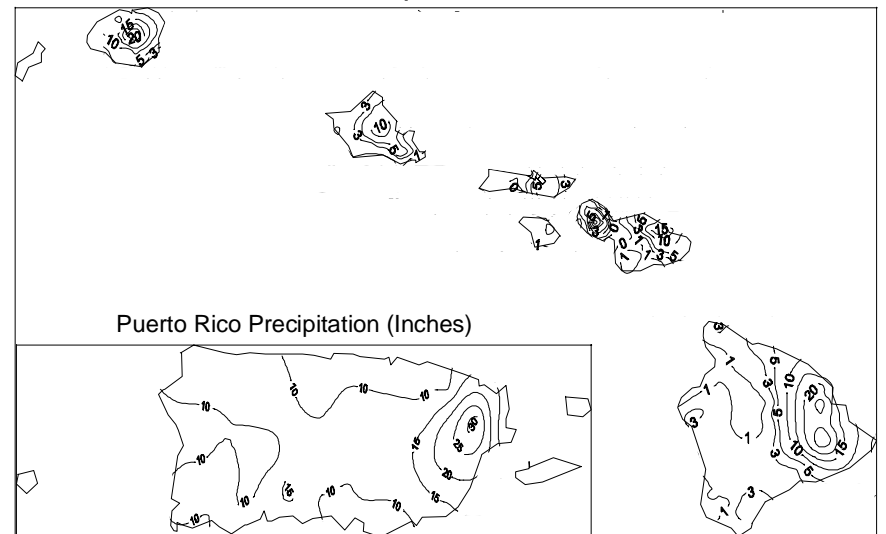
Percent of Normal Precipitation  
April 2003



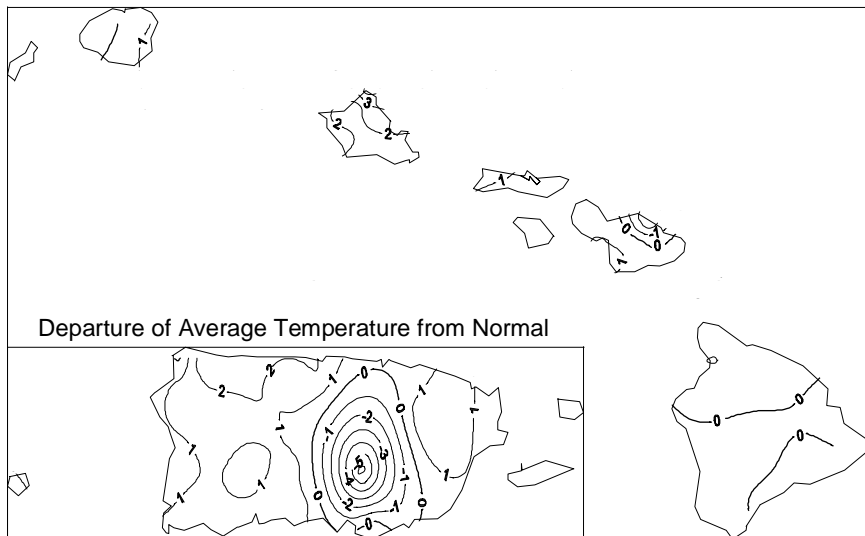
Hawaii Average Temperature (Degrees F)  
April 2003



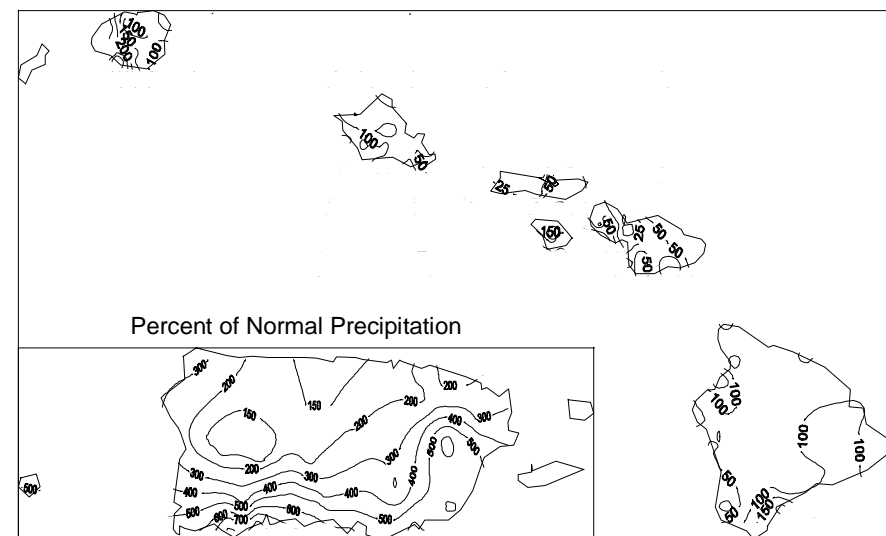
Hawaii Precipitation (Inches)  
April 2003

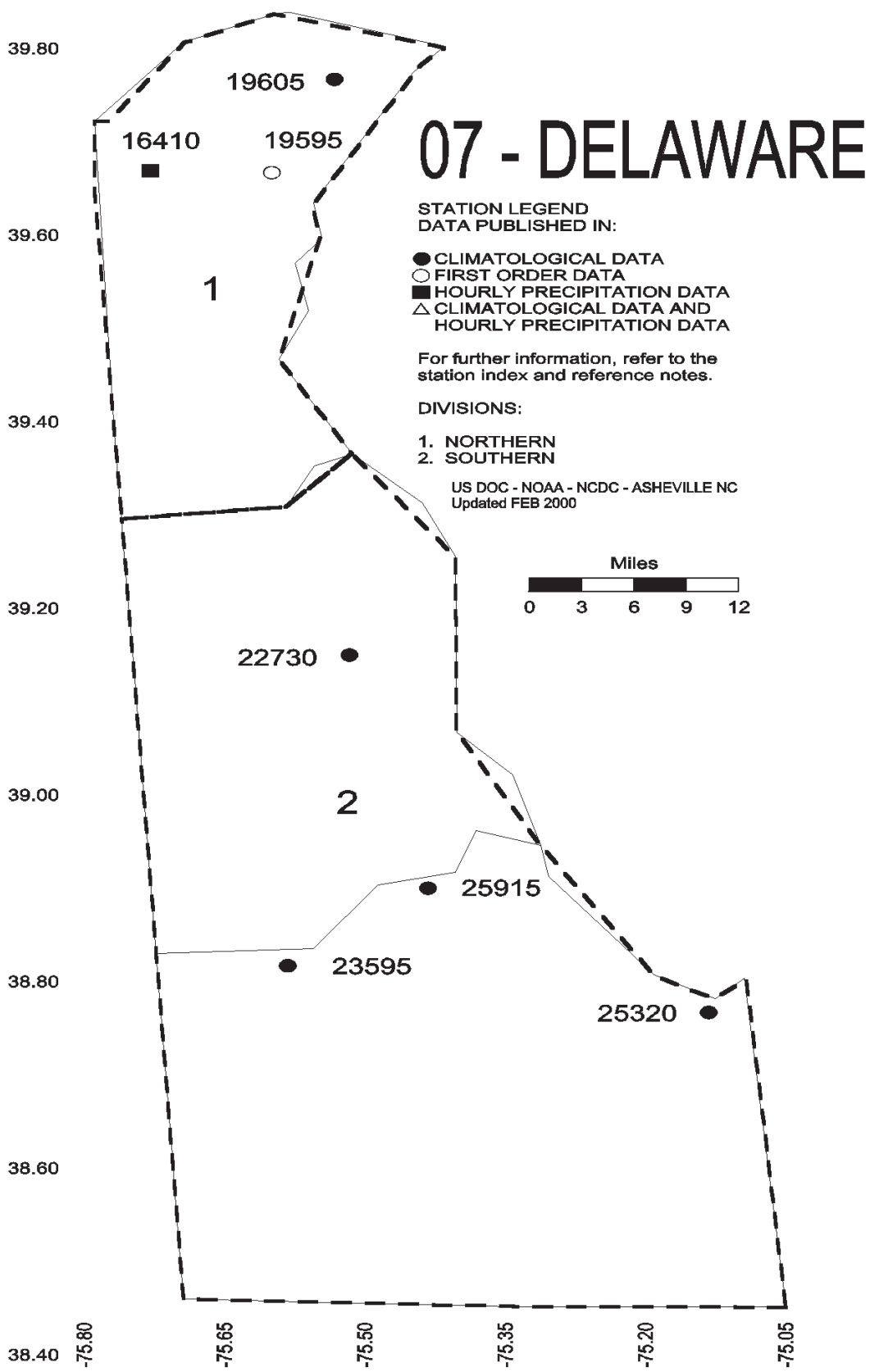


Departure of Average Temperature from Normal (Degrees F)  
April 2003



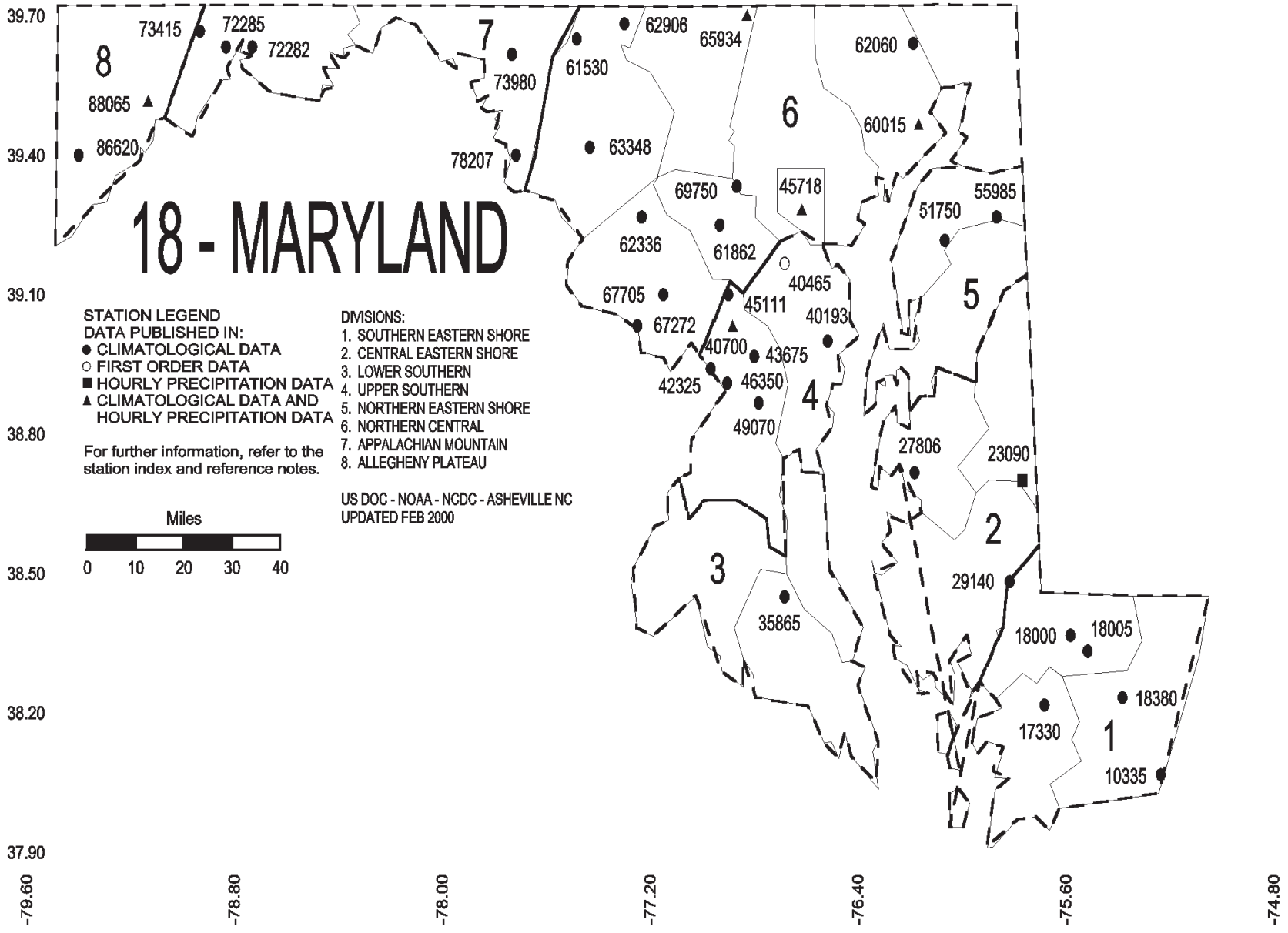
Hawaii Percent of Normal Precipitation  
April 2003





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