

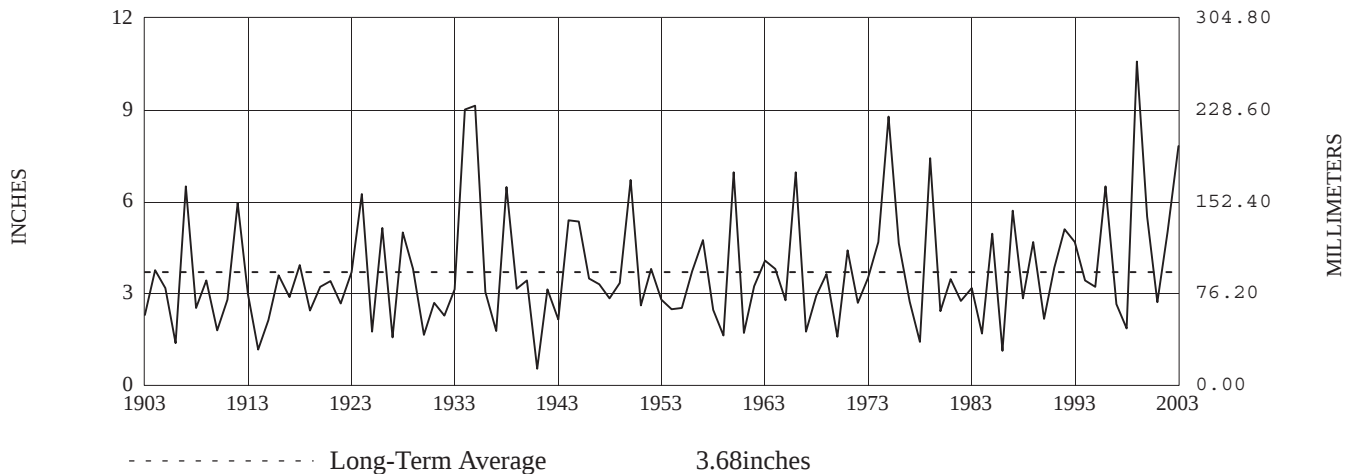
CLIMATOLOGICAL DATA

MARYLAND AND DELAWARE

SEPTEMBER 2003

VOLUME 107 NUMBER 09

ISSN 0145-0549



MARYLAND AND DELAWARE PRECIPITATION SEPTEMBER, 1903-2003

TEMPERATURE AND PRECIPITATION EXTREMES

MARYLAND

HIGHEST TEMPERATURE	95	SEPTEMBER 3	PRINCESS ANNE
LOWEST TEMPERATURE	35	SEPTEMBER 30	CATOCTIN MOUNTAIN PARK
GREATEST TOTAL PRECIPITATION	12.02		DAMASCUS 3 SSW
LEAST TOTAL PRECIPITATION	6.14		SALISBURY FAA ARPT
GREATEST 1 DAY PRECIPITATION	6.60	SEPTEMBER 4	HAGERSTOWN POLICE BRK

"I certify that this is an official publication of the National Oceanic and Atmospheric Administration (NOAA). It is compiled using information from weather observing sites supervised by NOAA/National Weather Service and received at the National Climatic Data Center (NCDC), Asheville, North Carolina 28801."

DIRECTOR
NATIONAL CLIMATIC DATA CENTER

noaa

National
Oceanic and
Atmospheric Administration

National
Environmental Satellite, Data
and Information Service

National
Climatic Data Center
Asheville, North Carolina

TEMPERATURE AND PRECIPITATION EXTREMES

DELAWARE

HIGHEST TEMPERATURE	88	SEPTEMBER 2	LEWES
LOWEST TEMPERATURE	41	SEPTEMBER 30	BEAR 2 SW
GREATEST TOTAL PRECIPITATION	10.02		NEWARK UNIVERSITY FARM
LEAST TOTAL PRECIPITATION	4.49		DOVER
GREATEST 1 DAY PRECIPITATION	3.68	SEPTEMBER 15	NEWARK UNIVERSITY FARM

This page intentionally left blank.

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	80.5	65.1	72.8	2.5	92	3	54	29+	1	242	1	0	0	0
PRINCESS ANNE	M	M	M		95	3	42	30			1	0	0	0
SALISBURY	80.3	63.8	72.1	2.1	88	3+	47	30	9	227	0	0	0	0
SALISBURY POLICE BRKS	80.8	63.7	72.3		90	2	47	30	12	237	1	0	0	0
SALISBURY FAA ARPT	78.6	59.3	69.0	-.1	87	2	40	30	29	154	0	0	0	0
SNOW HILL 4 N	81.5	61.3	71.4	1.8	90	2	43	30	12	209	1	0	0	0
--DIVISIONAL DATA----->			71.5	2.0										
CENTRAL EASTERN SHORE 02														
ROYAL OAK 2 SSW	79.2	62.5	70.9	.2	86	2+	45	30	11	193	0	0	0	0
VIENNA	81.2M	63.0M	72.1M	2.2	89	20+	47	30	9	223	0	0	0	0
--DIVISIONAL DATA----->			71.5	1.9										
LOWER SOUTHERN 03														
MECHANICSVILLE 5 NE	75.6	60.7	68.2	-.1	86	2	44	30	23	125	0	0	0	0
OXON HILL	78.4	61.0	69.7		88	2	44	30	12	160	0	0	0	0
SOLOMONS	81.9M	63.3M	72.6M		92	2	52	30	4	230	1	0	0	0
--DIVISIONAL DATA----->			70.2	1.2										
UPPER SOUTHERN 04														
ANNAPOLIS POLICE BRKS	78.1	62.8	70.5	2.2	82	27+	47	30	10	181	0	0	0	0
BALTIMORE WASH INTL AP R	76.6	59.3	68.0	.6	85	1	43	30	24	120	0	0	0	0
BELTSVILLE	77.4	60.0	68.7	.3	86	2	43	30	17	135	0	0	0	0
DALECARLIA RESERVOIR	80.2	60.1	70.2	.9	90	1	43	30	15	175	1	0	0	0
GLENN DALE BELL STN	77.6	58.1	67.9	1.2	89	2	40	30	24	116	0	0	0	0
LAUREL 3 W	76.3	60.6	68.5	-.6	82	20+	44	29	20	131	0	0	0	0
MD SCI CTR BALTIMORE R	78.3	63.7	71.0		88	1	49	30	12	198	0	0	0	0
NATIONAL ARBORETUM DC	79.0	60.9	70.0	1.3	87	2	46	30	10	165	0	0	0	0
UPPER MARLBORO 3 NNW	78.1	59.2	68.7	1.5	87	2	43	30	15	132	0	0	0	0
--DIVISIONAL DATA----->			69.3	.8										
NORTHERN EASTERN SHORE 05														
CHESTERTOWN	80.1	58.9	69.5	.7	88	20	44	30	14	157	0	0	0	0
--DIVISIONAL DATA----->			69.5	.9										
NORTHERN CENTRAL 06														
ABERDEEN PHILLIPS FLD	77.2M	61.4M	69.3M	.4	82	2	46	30	20	154	0	0	0	0
CATOCTIN MOUNTAIN PARK	72.0	52.8	62.4	-2.7	78	15+	35	30	99	28	0	0	0	0
CLARKSVILLE 3 NNE	76.9	56.9	66.9	.2	86	1	41	30	29	94	0	0	0	0
CONOWINGO DAM	M	M	M		65	12	60	12			0	0	0	0
DAMASCUS 3 SSW	73.6	58.8	66.2		82	1	40	30	40	83	0	0	0	0
EMMITSBURG 2 SE	75.3	56.6	66.0	-.4	81	2	41	30	33	71	0	0	0	0
MILLERS 4 NE	75.2	57.8	66.5	.9	82	1	41	30	30	83	0	0	0	0
ROCKVILLE 1 NE	77.0	59.2	68.1	1.6	85	1	44	30	25	125	0	0	0	0
--DIVISIONAL DATA----->			66.5	-.6										
APPALACHIAN MOUNTAIN 07														
CUMBERLAND 2	75.2	54.9	65.1	-.7	83	3	39	30+	51	60	0	0	0	0
CUMBERLAND POLICE BRK	72.6	54.9	63.8		81	3	37	30	76	46	0	0	0	0
FROSTBURG 2	68.1	52.1	60.1	-.2	78	2	39	30	155	14	0	0	0	0
HAGERSTOWN POLICE BRK	76.1	57.8	67.0		82	2	40	30	26	90	0	0	0	0
SHARPSBURG 5 S	76.2	55.1	65.7		85	2	39	30	44	71	0	0	0	0
--DIVISIONAL DATA----->			64.3	-.9										
ALLEGHENY PLATEAU 08														
OAKLAND 1 SE	68.8	51.9	60.4	-.4	77	1	36	30	153	22	0	0	0	0
SAVAGE RIVER DAM	68.4	52.5	60.5	-1.0	80	2	40	30+	147	18	0	0	0	0
--DIVISIONAL DATA----->			60.5	-.1										
DELAWARE														
NORTHERN 01														
BEAR 2 SW	77.0	59.0	68.0		85	1	41	30	25	124	0	0	0	0
NEWARK UNIVERSITY FARM	79.0	59.9	69.5	1.8	84	22+	43	30	15	157	0	0	0	0
WILMINGTON NEW CASTLE R	76.9	60.1	68.5	.8	82	19+	46	30	21	133	0	0	0	0
WILMINGTON PORTER RSVR	74.7	60.7	67.7	.9	81	19	47	30	21	111	0	0	0	0
--DIVISIONAL DATA----->			68.4	.7										
SOUTHERN 02														
DOVER	78.6	62.8	70.7	.8	85	1	46	30	13	190	0	0	0	0
GREENWOOD 2 NE	79.0	59.1	69.1	2.2	85	15+	44	30	14	143	0	0	0	0
HARRINGTON 4 NE	M	M	M											

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	6.57	2.87	1.28	18	.0	0		9	6	3
PRINCESS ANNE	7.78	3.86			.0	0		3	2	1
SALISBURY	7.46	3.47	2.20	3	.0	0		10	5	3
SALISBURY POLICE BRKS	6.58		1.40	18	.0	0		10	6	3
SALISBURY FAA ARPT	6.14	2.41	2.05	18	.0	0		8	5	2
SNOW HILL 4 N	7.20	3.45	2.11	3	.0	0		11	6	2
--DIVISIONAL DATA----->	6.96	3.55			.0					
CENTRAL EASTERN SHORE 02										
ROYAL OAK 2 SSW	6.53	2.54	1.74	23	.0	0		8	5	2
VIENNA	7.16	3.64	1.93	19	.0	0		7	3	2
--DIVISIONAL DATA----->	6.85	3.34			.0					
LOWER SOUTHERN 03										
MECHANICSVILLE 5 NE	8.68	4.30	1.78	18	.0	0		9	7	4
OXON HILL	7.85		2.39	19	.0	0		9	4	3
SOLOMONS	8.36				.0	0		6	5	4
--DIVISIONAL DATA----->	8.30	4.63			.0					
UPPER SOUTHERN 04										
ANNAPOLIS POLICE BRKS	10.99	6.74			.0	0		8	8	4
BALTIMORE WASH INTL AP R	7.47	3.49	2.13	18	.0	0		10	6	2
BELTSVILLE	8.47	4.12	2.61	23	.0	0		11	4	3
DALECARLIA RESERVOIR	8.10	3.80			.0	0		8	6	1
GLENN DALE BELL STN	8.78	4.75	2.80	23	.0	0		9	4	3
LAUREL 3 W	8.48	3.95	2.78	23	.0	0		10	5	2
MD SCI CTR BALTIMORE R	6.44		2.05	23	M	M		9	4	2
NATIONAL ARBORETUM DC	7.62	3.54	2.76	23	.0	0		9	4	3
UPPER MARLBORO 3 NNW	6.17	2.17	1.96	23	.0	0		8	4	3
--DIVISIONAL DATA----->	8.06	4.48			.0					
NORTHERN EASTERN SHORE 05										
CHESTERTOWN	8.12	3.82	1.51	23	.0	0		9	8	4
--DIVISIONAL DATA----->	8.12	4.47			.0					
NORTHERN CENTRAL 06										
ABERDEEN PHILLIPS FLD	9.75	5.27	3.64	15	.0	0		8	4	4
CATOCTIN MOUNTAIN PARK	11.50	6.59	2.53	4	.0	0		12	6	4
CLARKSVILLE 3 NNE	6.36	2.19	1.72	18	.0	0		10	4	2
CONOWINGO DAM	M10.68		3.61	16	.0	0		10	4	3
DAMASCUS 3 SSW	12.02		3.02	23	.0	0		13	6	3
EMMITSBURG 2 SE	9.75	5.49	3.13	4	.0	0		10	4	3
MILLERS 4 NE	8.16	4.02	2.49	23	.0	0		10	5	3
ROCKVILLE 1 NE	6.29	2.20	1.86	23	M	0		10	4	2
--DIVISIONAL DATA----->	9.12	5.41			.0					
APPALACHIAN MOUNTAIN 07										
CUMBERLAND 2	6.92	3.74	2.18	19	.0	0		11	3	3
CUMBERLAND POLICE BRK	7.30		2.40	19	.0	0		9	6	2
FROSTBURG 2	9.02	5.40	3.60	19	.0	0		9	4	3
HAGERSTOWN POLICE BRK	11.90		6.60	4	.0	0		9	3	3
SHARPSBURG 5 S	8.12		2.19	23	.0	0		10	4	3
--DIVISIONAL DATA----->	8.65	5.45			.0					
ALLEGHENY PLATEAU 08										
OAKLAND 1 SE	8.64	5.08	3.38	19	.0	0		16	4	2
SAVAGE RIVER DAM	8.52	5.04	3.46	19	.0	0		12	5	2
--DIVISIONAL DATA----->	8.58	5.26			.0					
DELAWARE										
NORTHERN 01										
BEAR 2 SW	9.82		2.33	15	.0	0		10	6	4
NEWARK UNIVERSITY FARM	10.02	5.74	3.68	15	.0	0		11	6	3
WILMINGTON NEW CASTLE R	7.39	3.38	1.35	18	.0	0		11	6	3
WILMINGTON PORTER RSVR	9.49	5.54	2.63	15	.0	0		10	7	5
--DIVISIONAL DATA----->	9.18	5.56			.0					
SOUTHERN 02										
DOVER	4.49	-.07	1.05	23	.0	0		10	5	1
GREENWOOD 2 NE	5.70	1.59	1.88	19	.0	0		10	3	2
HARRINGTON 4 NE					M	M				

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----->	78.6 80.2	64.4 60.4	71.5 70.3 70.4	1.3 2.6 1.7	88 87	2 4+	49 43	30 30	11 13	214 178	0 0	0 0	0 0	0 0	

MONTHLY STATION AND DIVISION SUMMARY

SEPTEMBER 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
LEWES	4.72	.95	1.04	4	.0	0		10	4	1
MILFORD 2 SE	4.86	.78	1.35	19	M .0	0		8	4	2
--DIVISIONAL DATA----->	4.94	1.30			.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		6.57		.74	.46	1.09					.02			1.06		.04	.35
PRINCESS ANNE		7.78	*	*	2.09	1.05							.50	*	*		1.17
SALISBURY		7.46	.02		2.20	1.00	.13						.38	.47	T		.46
SALISBURY POLICE BRKS		6.58			.38	1.00	.10						.44	.60			1.15
SALISBURY FAA ARPT		6.14		.18	1.00	.89							.78	.07	.02		.23
SNOW HILL 4 N		7.20			2.11	.30	.14				.04		.53	.38	T		.20
CENTRAL EASTERN SHORE	02																
ROYAL OAK 2 SSW		6.53		.05	.52	.47	.03							.40	.45		.83
VIENNA		7.16			.30	.96	.11							.43			*
LOWER SOUTHERN	03																
MECHANICSVILLE 5 NE		8.68		1.21	.86	.33	T							1.40	.58	T	T
OXON HILL		7.85	T	.52	.23	.38	.23								1.14	.06	
SOLOMONS		8.36			1.19	.61	.10							1.28	*	*	2.22
UPPER SOUTHERN	04																
ANNAPOLIS POLICE BRKS		10.99		1.01	1.00	1.50	.01							.72	.66		.58
BALTIMORE WASH INTL AP	R	7.47	.19	.04	.32	.25								.69	.66	.01	.12
BELTSVILLE		8.47	.75	.40	.16	.29	.10								1.32	.15	
DALECARLIA RESERVOIR		8.10		.15		.56		.01						.58	.62	.02	.02
GLENN DALE BELL STN		8.78		.29	.15	.72	.10		.01						1.70		
LAUREL 3 W		8.48	.35	.06	.21	.26								.73	.90		.10
MD SCI CTR BALTIMORE	R	6.44	.20	.01	.29	.49								.50	.48		.08
NATIONAL ARBORETUM DC		7.62	.03	.19	.23	.53	.13								1.10	.08	
UPPER MARLBORO 3 NNW		6.17		.21	.20	.52	.21								1.08	.16	
NORTHERN EASTERN SHORE	05																
CHESTERTOWN		8.12	.25	.04	.52	.70								.72	1.45		1.30
NORTHERN CENTRAL	06																
ABERDEEN PHILLIPS FLD		9.75		.44	.17	1.44								.22			3.64
CATOCTIN MOUNTAIN PARK		11.50	.01	.90	.18	2.53					.27			.07	1.01	.16	
CLARKSVILLE 3 NNE		6.36	.09	.01	.18	.40								.51	.66		.27
CONOWINGO DAM		M10.68	-	-	.11	.31	.96								.47	.40	
DAMASCUS 3 SSW		12.02	.53	.06	.25	2.33								.45	.82	.07	.30
EMMITSBURG 2 SE		9.75	T	1.30	.20	3.13								T	.35	.03	
MILLERS 4 NE		8.16	.06	.60	.23	1.95								.15	.84	T	T
POTOMAC FILTER PLANT		6.75	.15	.10	.38	.58	.06							.69	.55		.35
ROCKVILLE 1 NE		6.29	.21	.04	.41	.50								.57	.46	.03	.28
SMITHSBURG 2 NW		11.52	.56	.27	3.63	.01				.24				.25	.16	.01	.53
APPALACHIAN MOUNTAIN	07																
CUMBERLAND 2		6.92	.01	.47	.23	.25	.10				.08	.03			.42	.24	.18
CUMBERLAND POLICE BRK		7.30		.62	.02	.14									.85	.20	
FROSTBURG 2		9.02	.02	.55	.13	.08	.30				T	.08			.32	.27	.02
HAGERSTOWN POLICE BRK		11.90	.02	.25	.15	6.60					.23			.03	.45	.02	
SHARPSBURG 5 S		8.12		.05	1.34	.34	.13				.03				.44	.53	.07
ALLEGHENY PLATEAU	08																
OAKLAND 1 SE		8.64	.15	1.10	.10	.95	.11				T			T	.22	.09	.46
SAVAGE RIVER DAM		8.52	.10	.68	.62	.25	.37					.01			.15	.48	
DELAWARE																	
NORTHERN	01																
BEAR 2 SW		9.82	.47	.02	.05	1.21								.26	.87	.46	2.33
NEWARK UNIVERSITY FARM		10.02	.06	.22	.10	.83								.05	.86	.10	3.68
WILMINGTON NEW CASTLE	R	7.39	.44	T	.16	.97								.38	.62	.26	1.27
WILMINGTON PORTER RSVR		9.49	.86	.02	.23	.52								.17	1.26	.10	2.63
SOUTHERN	02																
DOVER		4.49	.02	.23	.11	.09	.13							.26	.54	.02	T
GREENWOOD 2 NE		5.70	T		.03	.48	.46								1.24	.35	.11
HARRINGTON 4 NE	M		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LEWES		4.72			.59	1.04	.10				T			.39	.29		.18
MILFORD 2 SE		4.86	T		.10	.50	.36								1.24	T	.18

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			1.28					.50				.11	.92			
ASSATEAGUE			*	1.35	*	*	*	1.35								
PRINCESS ANNE	.27		1.45	.58				.58								
SALISBURY			1.40	.56				.10								
SALISBURY POLICE BRKS			2.05	.03				.67				.18	.04		.85	
SALISBURY FAA ARPT			1.26	.68				.86					.54			
SNOW HILL 4 N	.16															
CENTRAL EASTERN SHORE 02																
ROYAL OAK 2 SSW			1.42	.56				1.74					.06			
VIENNA	.98	.05	1.00	1.93			*	*	*	*	1.28		.12			
LOWER SOUTHERN 03																
MECHANICSVILLE 5 NE			1.78	.45				1.52					.55			
OXON HILL	.30			2.39	.02			2.26	.25				.07			
SOLOMONS			.02	1.23				1.68				*	.03			
UPPER SOUTHERN 04																
ANNAPOLIS POLICE BRKS			.68	*	*	*	3.24	1.59								
BALTIMORE WASH INTL AP R			2.13	.08			.58	1.82				.54	.04	T		
BELTSVILLE	.28			2.20	.03			2.61					.10	.08		
DALECARLIA RESERVOIR	.54	.02	.56	1.77		.01	*	3.09		.02			.03	.10		
GLENN DALE BELL STN	.42			2.30				2.80					.30			
LAUREL 3 W			2.37	.15			.55	2.78					.02			
MD SCI CTR BALTIMORE R			1.33	.06			.51	2.05				.40	.04			
NATIONAL ARBORETUM DC	.36			1.86	.06			2.76	.03				.21	.05		
UPPER MARLBORO 3 NNW	.01			1.78				1.96					.04			
NORTHERN EASTERN SHORE 05																
CHESTERTOWN			1.01	T			.02	1.51				T	.60			
NORTHERN CENTRAL 06																
ABERDEEN PHILLIPS FLD	.02			1.49			.02	1.84			.04				.43	
CATOCTIN MOUNTAIN PARK	.45		.30	2.51	.02		.01	2.06		.34	.02		.62	.04		
CLARKSVILLE 3 NNE			1.72	.16			.48	1.67		.10		.05	.03	.03		
CONOWINGO DAM	3.61			2.03	-			2.50			.10		.19			
DAMASCUS 3 SSW			2.40	.74	.08		.10	3.02		.36	T		.41	.10		
EMMITSBURG 2 SE		.25	.17	.22	T			3.10			.45		.55			
MILLERS 4 NE	.23		.14	1.06	T		T	2.49		T	.27	T	.09	.05		
POTOMAC FILTER PLANT			1.12	.31	.11		.25	1.93					.17			
ROCKVILLE 1 NE			1.43	.18			.23	1.86		T		.05	.04			
SMITHSBURG 2 NW			2.56	.90		1.26			.09		.90	.04			.11	
APPALACHIAN MOUNTAIN 07																
CUMBERLAND 2	.02			2.18	.15			1.22			.04	.05	1.20	.05		
CUMBERLAND POLICE BRK			.25	2.40			.03	1.10		.04		.75	.90			
FROSTBURG 2	T			3.60	.14	.06		1.26			.03		2.10	.06	T	
HAGERSTOWN POLICE BRK	.22		T	2.35	.05			1.25			.08		.20			
SHARPSBURG 5 S	.11			1.93	.09			2.19			.37		.46	.04		
ALLEGHENY PLATEAU 08																
OAKLAND 1 SE			.12	3.38	.05		.15	.38		.15	.16	.71	.19	.11	.06	
SAVAGE RIVER DAM				3.46	.11			.87			.04	.10	1.28			
DELAWARE																
NORTHERN 01																
BEAR 2 SW			1.80	.13			.07	1.25			T	T	.90	T		
NEWARK UNIVERSITY FARM			.16		1.76			1.53				.51	.16			
WILMINGTON NEW CASTLE R			1.35	.11			.07	1.11		T		.57	.08			
WILMINGTON PORTER RSVR			1.02	.01			.02	1.30					1.35			
SOUTHERN 02																
DOVER	.18		.50	.69				1.05				.60	.07			
GREENWOOD 2 NE	.20		.01	1.88				.25	.55				.14			
HARRINGTON 4 NE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LEWES	.04		.54	.30				.92					.30	.03		
MILFORD 2 SE	.12		T	1.35					.86			*	.15			

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	78	85	92	81	80	79	78	80	80	76	73	76	77	84	83
		OBS															
		MIN	66	68	68	68	68	65	57	54	69	67	61	60	68	71	69
		OBS									55						
PRINCESS ANNE	17	MAX			95	82				84	83	75	79	77			86
		MIN			64	70				52	69	55	47	61			65
SALISBURY	17	MAX	84	88	88	82	78	78	80	82	79	74	77	77	82	85	85
		MIN	69	76	70	71	66	59	57	58	67	59	52	65	69	69	69
		OBS												53			
SALISBURY POLICE BRKS	17	MAX	88	90	85	84	79	77	81	82	78	73	76	71	84	86	82
		MIN	69	77	70	73	65	59	58	58	66	58	54	65	68	69	71
		OBS															
SALISBURY FAA ARPT	MID	MAX	84	87	82	81	77	76	81	81	71	72	76	73	82	84	80
		MIN	67	69	70	70	59	57	53	52	65	50	47	65	67	65	68
SNOW HILL 4 N	17	MAX	88	90	87	83	80	80	81	83	80	73	77	72	85	85	83
		MIN	67	74	71	72	65	57	53	54	66	57	49	64	69	67	72
		OBS															
CENTRAL EASTERN SHORE 02																	
ROYAL OAK 2 SSW	18	MAX	86	86	84	77	76	76	79	84	78	77	81	72	83	82	81
		MIN	70	72	70	73	66	61	56	58	64	57	54	59	65	68	66
		OBS															
VIENNA	18	MAX	87	89	87	80	80	79	80	83	82	75	78	77	76	79	
		MIN	69	76	69	72	64	64	60	56	64	57		63	66	62	
LOWER SOUTHERN 03																	
MECHANICSVILLE 5 NE	19	MAX	84	86	81	74	75	74	75	78	74	71	76	67	78	77	77
		MIN	70	74	71	72	61	55	54	55	62	56	53	61	63	67	66
OXON HILL	08	MAX	76	88	84	81	76	77	77	80	79	76	75	79	68	81	77
		MIN	67	71	71	71	64	57	57	57	61	56	56	57	60	68	68
SOLOMONS	16	MAX	85	92	86	81	81			84	77	77	81	78			80
		MIN	69		71	71	64			60	66	61	58	64			64
UPPER SOUTHERN 04																	
ANNAPOLIS POLICE BRKS	17	MAX	80	79	80	79	81	79	79	82	75	78	80	74	78	80	79
		MIN	76	70	64	72	70	57	58	60	67	54	60	60	59	64	64
		OBS						71	70		55						
BALTIMORE WASH INTL AP	MID	MAX	85	82	77	76	76	77	80	80	75	75	79	67	79	79	77
		MIN	69	69	68	67	57	53	55	57	63	55	53	60	65	65	64
BELTSVILLE	08	MAX	76	86	82	78	77	74	77	80	80	75	75	79	68	82	78
		MIN	65	72	70	70	63	57	54	57	61	56	53	60	60	66	66
DALECARLIA RESERVOIR	17	MAX	90	87	80	77	80	79	80	82	78	78	81	78	84	82	85
		MIN	66	73	70	69	62	55	58	61	62	54	54	59	60	67	66
		OBS									54						57
GLENN DALE BELL STN	08	MAX	72	89	84	78	75	75	77	82	81	76	76	78	68	80	78
		MIN	64	72	70	70	60	52	52	56	59	52	51	57	59	66	64
LAUREL 3 W	MID	MAX	81	82	72	80	75	77	78	78	78	78	78	74	74	77	77
		OBS							88								
		MIN	70	69	68	70	63	58	57	66	66	56	60	57	63	64	64
		OBS						66			69						
MD SCI CTR BALTIMORE	MID	MAX	88	81	79	77	76	78	82	84	77	77	82	68	78	84	79
		MIN	70	68	67	71	64	60	62	64	63	60	64	61	66	71	69
NATIONAL ARBORETUM DC	07	MAX	79	87	85	80	77	76	78	81	82	76	77	79	68	83	80
		MIN	67	72	71	71	64	57	57	58	62	57	55	56	61	67	68
UPPER MARLBORO 3 NNW	08	MAX	78	87	85	79	76	76	77	80	80	75	74	78	68	81	79
		MIN	65	72	70	71	62	54	54	57	60	54	53	55	60	68	65
NORTHERN EASTERN SHORE 05																	
CHESTERTOWN	23	MAX	87	86	79	78	82	81	83	87	77	79	81	69	84	85	78
		MIN	67	66	64	60	59	58	54	55	54	53	54	59	60	64	67
		OBS															
NORTHERN CENTRAL 06																	
ABERDEEN PHILLIPS FLD	16	MAX		82	76	76	76			81	80	75	80	80			74
		MIN		74	66	72	64			57	64	55	57	62			69
CATOCTIN MOUNTAIN PARK	17	MAX	77	78	76	70	71	73	74	76	69	71	77	68	68	70	78
		MIN	60	68	61	62	55	44	39	42	58	43	43	56	56	65	56
		OBS	46			48		52			43	51	56				48
CLARKSVILLE 3 NNE	17	MAX	86	78	76	75	75	77	81	82	74	75	81	75	78	77	81
		OBS												66			
CONOWINGO DAM	07	MAX	68	67	67	66	56	52	51	54	55	51	51	56	63	64	63
		MIN												65			
		MIN												60			
DAMASCUS 3 SSW	22	MAX	82	77	75	73	72	72	77	77	72	71	77	66	76	76	79
		MIN	68	70	67	69	56	53	55	58	62	50	59	59	59	72	66
		OBS								66							
EMMITSBURG 2 SE	16	MAX	80	81	75	76	77	77	77	79	76	73	77	77	70	75	80
		MIN	62	71	63	68	58	52	52	55	65	50	50	50	59	59	64

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		84	84	78	76	83 ***	83	81	82	79	80	81	83	85	84	71	80.5	
		70	66	65	70	64 ***	65	66	70	63	62	69	66	68	54 63	57	65.1	
PRINCESS ANNE		80	80						87	80	82	84				82	M	
		57	54						56	50	55	60				42	M	
SALISBURY		79	78	76	83	86	84	81	78	78	80	84	83	80	72	67	80.3	
		64	60	69	70	65	66	66	63	56	60	64	64	68	55	47	63.8	
SALISBURY POLICE BRKS		80	78	75	87	86	85	82	85	80	83	84	85	85	68	65	80.8	
		64	58	68	71	65	66	65	63	56	57	64	68	64	55	47	63.7	
											70							
SALISBURY FAA ARPT		78	77	76	83	85	81	80	76	77	81	86	83	75	68	65	78.6	
		53	57	68	62	59	61	60	59	51	53	66	68	51	47	40	59.3	
SNOW HILL 4 N		82	81	81	85	88	83	82	79	79	84	84	85	79	75	70	81.5	
		62	55	65	69	61	63	62	62	52	54	58	58	67	51	43	61.3	
			64	54														
CENTRAL EASTERN SHORE	02																	
ROYAL OAK 2 SSW		77	80	78	82	85	81	80	77	76	80	82	82	78	70	67	79.2	
		64	56	64	70	62	64	66	63	54	58	63	66	67	55	45	62.5	
																53		
VIENNA		84	85	76	83	89	88	83				84	83	82	73	68	81.2	
		65	56	64			67	65				53	65	67	57	47	63.0	
LOWER SOUTHERN	03																	
MECHANICSVILLE 5 NE		75	75	69	79	82	78	80	75	73	78	78	79	72	64	63	75.6	
		59	54	64	68	60	65	64	62	53	57	60	60	61	49	44	60.7	
OXON HILL		82	80	78	75	78	84	79	80	79	76	82	83	83	74	66	78.4	
		61	56	58	65	62	64	67	63	54	53	61	65	62	53	44	61.0	
SOLOMONS		82	81	81	84	85	82	83	82	82	85	83		84	80	72	81.9	
		61	59	67	66	65	67	69	62	56	63	64		66	54	52	63.3	
UPPER SOUTHERN	04																	
ANNAPOLIS POLICE BRKS		78	80	80	77	78	80	82	77	76	82	78	82	72	70	68	78.1	
		57	66	67	62	64	60	74	72	54	59	63	66	65	53	47	62.8	
										70			52					
BALTIMORE WASH INTL AP		78	77	75	77	82	74	77	76	74	80	79	81	72	65	67	76.6	
		56	53	64	64	59	64	65	55	50	59	63	63	55	47	43	59.3	
BELTSVILLE		81	77	78	75	76	83	76	79	77	75	80	80	82	71	65	77.4	
		57	54	61	65	60	63	65	64	51	54	57	61	62	52	43	60.0	
DALECARLIA RESERVOIR		82	78	78	78	82	82	81	79	76	84	82	83	81	72	66	80.2	
		57	54	58	64	62	62	65	62	51	56	60	65	60	49	43	60.1	
					42					60								
GLENN DALE BELL STN		80	77	77	74	77	83	75	78	77	76	82	82	82	72	66	77.6	
		57	52	55	64	59	62	62	62	49	50	57	60	61	50	40	58.1	
LAUREL 3 W		78	77	74	75	82	73	75	72	77	78	80	81	74	68	67	76.3	
					71													
		64	58	63	64	64	65	63	58	52	58	59	59	49	44	46	60.6	
									49									
MD SCI CTR BALTIMORE		78	79	76	78	84	75	82	78	76	84	81	83	72	66	67	78.3	
		62	64	65	68	65	67	68	63	57	60	66	67	58	53	49	63.7	
NATIONAL ARBORETUM DC		82	79	78	77	79	85	79	80	80	76	82	83	82	73	67	79.0	
		61	55	56	65	62	62	65	64	54	54	62	63	62	53	46	60.9	
UPPER MARLBORO 3 NNW		81	78	77	76	79	85	78	79	78	76	82	81	81	72	66	78.1	
		59	52	55	65	57	61	64	62	52	53	59	60	62	51	43	59.2	
NORTHERN EASTERN SHORE	05																	
CHESTERTOWN		81	80	76	82	88	77	80	79	79	83	85	86	73	69	70	80.1	
		56	56	58	67	64	65	69	63	54	59	54	57	54	52	44	58.9	
		68	64															
NORTHERN CENTRAL	06																	
ABERDEEN PHILLIPS FLD		77	79	79	80			79	79	76	80	80			67	65	77.2	
		58	57	66	67			65	64	53	58	62			53	46	61.4	
CATOCTIN MOUNTAIN PARK		73	74	72	68	74	71	71	71	72	72	71	77	72	66	60	72.0	
		48	43	55	59	60	53	59	59	49	45	56	61	52	42	35	52.8	
		36	60				40				54			36	28	23		
CLARKSVILLE 3 NNE		78	78	73	76	83	74	77	77	75	82	79	81	73	65	65	76.9	
CONOWINGO DAM		54	50	57	63	58	62	63	54	48	50	60	64	55	45	41	56.9	
																	M	
DAMASCUS 3 SSW		79	75	69	72	78	73	76	74	71	78	72	78	68	62	62	73.6	
		55	52	57	63	60	60	61	58	49	53	60	62	55	55	40	58.8	
EMMITSBURG 2 SE		76	76	74	74	78	73	76	74	72	76	74	79	77	68	63	75.3	
		54	49	55	55	59	60	61	63	48	48	60	59	58	51	41	56.6	

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
MILLERS 4 NE	18	OBS															
		MAX	82	81	72	74	73	75	80	80	75	74	79	75	76	79	77
		MIN	65	70	63	68	58	54	52	56	61	51	54	59	59	67	62
ROCKVILLE 1 NE	MID	MAX	85	81	78	76	73	77	81	80	75	76	80	65	81	76	83
		OBS	***	***						***	***						
		MIN	67	68	69	67	60	54	53	58	58	53	55	59	63	66	64
APPALACHIAN MOUNTAIN 07		OBS	***	***						***	***						
		MAX	81	77	83	80	75	77	78	78	74	76	80	74	68	80	76
		MIN	64	69	69	55	51	51	53	57	54	50	50	57	58	65	62
CUMBERLAND POLICE BRK	17	OBS															50
		MAX	78	78	81	79	76	76	75	76	69	70	77	74	67	74	74
		MIN	62	68	68	66	55	50	51	50	60	53	48	54	56	65	66
FROSTBURG 2	07	MAX	62	78	70	77	73	64	70	73	74	62	71	73	61	64	73
		MIN	58	60	64	63	53	46	47	49	55	51	49	49	53	56	62
		MAX	78	82	77	79	77	75	77	79	74	75	78	78	78	74	81
HAGERSTOWN POLICE BRK	17	MIN	67	67	63	67	57	51	53	55	63	52	51	60	59	68	66
		OBS								***							
		MAX	73	85	76	81	78	70	76	80	77	75	76	80	68	72	76
SHARPSBURG 5 S	07	MIN	64	68	66	66	55	50	51	52	54	49	49	49	60	62	65
		MAX															
		MIN															
ALLEGHENY PLATEAU 08	17	MAX	77	75	76	73	70	64	74	73	68	68	70	70	64	76	74
		MIN	62	66	63	63	52	46	47	51	57	51	40	54	55	59	54
		MAX	64	80	71	76	74	66	70	73	71	63	69	72	63	64	73
SAVAGE RIVER DAM	08	OBS															
		MIN	60	62	65	65	54	50	49	50	50	52	46	46	56	58	63
		MAX															
DELAWARE NORTHERN 01	MID	MAX	85	82	78	77	73	77	79	82	74	75	80	68	82	82	79
		MIN	67	65	64	70	63	55	51	54	61	55	52	63	65	71	70
		MAX	83	81	77	78	79	79	80	81	81	78	81	78	82	84	82
NEWARK UNIVERSITY FARM	17	OBS															
		MIN	67	66	64	69	62	59	56	55	56	54	58	60	64	71	68
		MAX	81	81	76	76	77	78	79	82	75	77	80	69	81	81	80
WILMINGTON NEW CASTLE	MID	MIN	68	64	64	67	60	55	54	57	60	55	56	63	66	72	68
		MAX	78	79	74	76	74	74	77	80	72	73	77	68	78	80	78
		MIN	66	63	63	68	62	57	59	60	62	56	59	62	63	70	67
WILMINGTON PORTER RSVR	MID	MAX															
		MIN															
		MAX															
SOUTHERN 02	16	MIN															
		MAX	85	84	80	80	76	77	75	83	80	73	79	78	80	82	80
		MIN	69	72	68	71	64	59	57	60	66	59	55	63	64	70	72
DOVER	07	MAX	76	85	85	82	78	77	78	81	80	73	75	77	72	83	85
		MIN	64	70	60	70	64	56	53	53	56	58	50	61	64	65	69
		OBS												51		52	
GREENWOOD 2 NE	07	MAX															
		MIN															
		MAX															
HARRINGTON 4 NE	07	MIN															
		MAX															
		MIN															
LEWES	17	MAX	84	88	81	80	77	75	79	79	73	71	74	74	81	83	81
		MIN	69	71	70	72	65	64	58	59	68	64	54	66	68	68	72
		OBS									59						
MILFORD 2 SE	07	MAX	77	85	87	87	79	79	79	82	82	74	76	78	74	83	85
		OBS	***		***												
		MIN	63	67	66	70	65	58	54	56	57	60	50	62	65	68	71
		OBS	***		***									50			
		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	
MILLERS 4 NE		75	77	71	72	78	74	74	74	72	79	76	79	68	66	62		75.2
ROCKVILLE 1 NE		56	50	57	62	60	59	60	62	47	55	58	64	57	47	41		57.8
		77	78	74	76	83	83	71	77	76	83	83	82	73	62	66		77.0
		57	53	64	62	59	63	66	59	50	57	57	67	54	49	44		59.2
APPALACHIAN MOUNTAIN CUMBERLAND 2	07	79	78	75	69	78	75	73	74	76	75	71	82	70	58	65		75.2
		50	49	53	59	59	60	61	55	47	51	56	55	49	39	39		54.9
								46										
CUMBERLAND POLICE BRK		75	74	74	69	75	73	70	72	71	72	66	76	67	57	62		72.6
		48	47	50	61	58	59	58	57	43	48	53	55	53	48	37		54.9
FROSTBURG 2		72	70	71	62	63	69	69	65	66	70	67	63	75	63	52		68.1
		47	46	49	54	56	55	56	55	46	45	52	54	50	44	39		52.1
HAGERSTOWN POLICE BRK		80	77	73	71	78	76	76	74	73	77	73	79	78	72	64		76.1
		55	51	57	63	60	60	60	62	49	53	59	63	57	47	40		57.8
SHARPSBURG 5 S		83	77	79	73	72	79	76	77	75	75	81	78	82	73	62		76.2
		51	49	49	55	59	59	61	63	47	47	52	61	57	45	39		55.1
ALLEGHENY PLATEAU OAKLAND 1 SE	08	69	69	68	63	63	73	70	65	73	72	68	73	60	51	56		68.8
		44	41	53	53	56	54	60	54	39	46	55	57	47	43	36		51.9
SAVAGE RIVER DAM		69	72	71	65	66	69	68	67	67	68	70	65	71	61	53		68.4
														53				
		50	46	47	51	57	58	58	56	45	45	49	55	52	40	40		52.5
DELAWARE																		
NORTHERN BEAR 2 SW	01	76	78	75	82	83	74	77	76	75	80	80	79	70	66	66		77.0
		55	51	64	64	60	62	64	57	49	53	63	60	53	48	41		59.0
NEWARK UNIVERSITY FARM		78	80	80	82	84	80	84	77	77	79	77	80	72	69	67		79.0
		56	58	59	59	58	59	65	60	50	56	64	67	62	52	43		59.9
WILMINGTON NEW CASTLE		78	78	76	82	81	75	78	76	72	79	78	79	70	66	65		76.9
		58	54	66	64	63	61	66	58	51	55	63	65	55	50	46		60.1
WILMINGTON PORTER RSVR		74	75	68	81	80	73	77	73	72	78	76	79	70	65	63		74.7
		59	58	63	66	62	61	64	62	53	57	63	65	55	50	47		60.7
SOUTHERN DOVER	02	79	79	79	84	82	80	77	78	77	80	82	79	77	68	66		78.6
		60	59	64	71	62	64	64	63	54	59	64	62	68	54	46		62.8
GREENWOOD 2 NE		80	80	77	83	81	84	78	82	76	78	80	82	82	73	68		79.0
		61	55	57	65	62	54	62	64	52	53	61	63	55	53	44		59.1
HARRINGTON 4 NE																		M
																		M
LEWES		81	77	76	84	85	81	81	77	77	82	82	83	78	69	66		78.6
		64	65	68	73	64	65	67	64	55	60	62	65	68	55	49		64.4
MILFORD 2 SE		82	79	79	79	84	86	86	82	77	78	81	82	83	74	67		80.2
					***								***					
		62	56	65	66	62	62	62	64	53	52	60	60	60	53	43		60.4
				57	***								***					

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	-	35	26	*	57	47	*	27	24	42	43	48	103	*	60
	EVAP	-	-	68	*	9	15	*	29	13	19	17	19	7	*	14
	MAX	94	92	81	-	78	80	-	88	82	84	81	84	70	-	79
	MIN	64	69	70	-	62	56	-	57	61	54	55	60	60	-	64
	WIND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	EVAP	-	-	*	13	5	*	*	45	13	20	17	19	*	*	11
	MAX	89	95	86	82	79	84	84	89	86	84	84	87	66	83	84
	MIN	69	72	72	72	65	60	61	62	65	58	58	59	63	66	70

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																		
	17	45	70	200	58	6	22	74	33	14	36	14	*	108	44			1296B
	15	24	20	-	8	13	11	-	18	17	13	10	*	31	14			4.66B
	83	80	80	70	72	85	80	78	78	79	83	82	-	83	66			80.5
	62	57	57	60	61	68	65	64	54	54	55	62	-	51	44			59.5
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	M
	12	22	21	4	*	*	34	18	19	17	14	*	*	40	15			3.85B
	87	86	85	71	78	90	87	82	83	83	88	88	85	80	74			83.6
64	60	60	64	63	64	68	66	60	60	61	64	64	52	47			63.0	

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 PARK
CHESTERTOWN	1750	05	KENT	39 13	76 3W	40	23	23		H	THOMAS W ELIASON JR
CLARKSVILLE 3 NNE	1862	06	HOWARD	39 15	76 56W	370	17	17		H	UNIVERSITY OF MD - CMREC
CONOWINGO DAM	2060	06	HARFORD	39 39	76 11W	40	07	07		H	SUSQUEHANNA ELECTRIC CO
CUMBERLAND 2	2282	07	ALLEGANY	39 39	78 45W	730	18	18		H	TIMOTHY B THOMAS
CUMBERLAND POLICE BRK	2285	07	ALLEGANY	39 38	78 50W	970	17	17		H	MARYLAND STATE POLICE
DALECARLIA RESERVOIR	2325	04	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	16	16		H	LUCILLE K BEALE
FROSTBURG 2	3415	07	ALLEGANY	39 40	78 56W	2170	07	07		H	GREGORY P LATTA
GLENN DALE BELL STN	3675	04	PRINCE GEORG	38 58	76 48W	150	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		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
HARRINGTON 4 NE	3615	02	KENT	38 57	75 31W	40	07	07		H	MARK GONZALEZ
LEWES	5320	02	SUSSEX	38 47	75 8W	15	17	17		H	BOARD OF PUBLIC WORKS
MILFORD 2 SE	5915	02	SUSSEX	38 54	75 26W	35	07	07		H	JACK HALL
NEWARK UNIVERSITY FARM	6410	01	NEW CASTLE	39 40	75 45W	90	17	17	17	C H	UNIV OF DEL AGRIC FARM
WILMINGTON NEW CASTLE	9595	01	NEW CASTLE	39 40	75 36W	79	MID	MID		C HJ	ASOS - FAA
WILMINGTON PORTER RSVR	9605	01	NEW CASTLE	39 46	75 32W	270	MID	MID		H	WILMINGTON WATER DEPT

REFERENCE NOTES

DEFINITIONS

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

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

NORMALS: The average value of the meteorological element over a time period. Effective 1 January 2002, the averaging period is 1971 to 2000. The normals for National Weather Service localities have been adjusted so as to be representative for the current observation site.

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

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

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

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

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

SYMBOLS AND LETTERS USED IN THE STATION INDEX TABLE

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

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

SYMBOLS AND LETTERS USED IN THE DATA TABLES

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

BLANK Entries in the "Monthly Summarized Data" table indicate no record.

BLANK Entries in the "Daily Precipitation" and "Snowfall and Snow on the Ground" tables indicate zero.

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

- No record. Data not recorded, determined unreliable by quality control check, or not received in time for publication.

+ Precipitation or temperature extremes occurred on one or more previous dates during the month.

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

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

// Rain gage equipped with a windshield.

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

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

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

R Amounts from recording rain gage.

T Trace. An amount too small to measure.

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

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

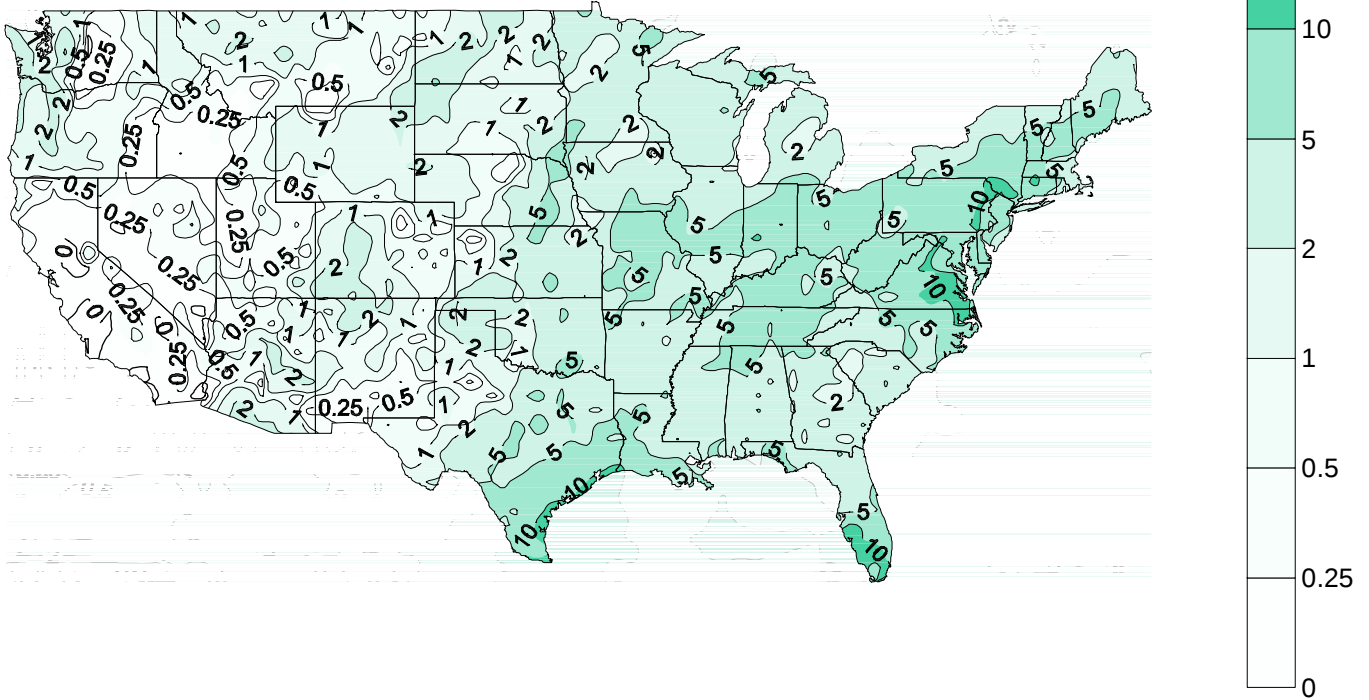
Information concerning the history of changes in locations, exposure, etc. of substations is kept on file at the National Climatic Data Center. Historical information of regular National Weather Service Offices may be obtained from the "Local Climatological Data" annual publication. The contents of this publication may be reprinted or otherwise used freely, with proper credit to the National Climatic Data Center. The data are also available in digital form on magnetic tape and diskette.

SUBSCRIPTION, PRICE, AND ORDERING INFORMATION AVAILABLE FROM:

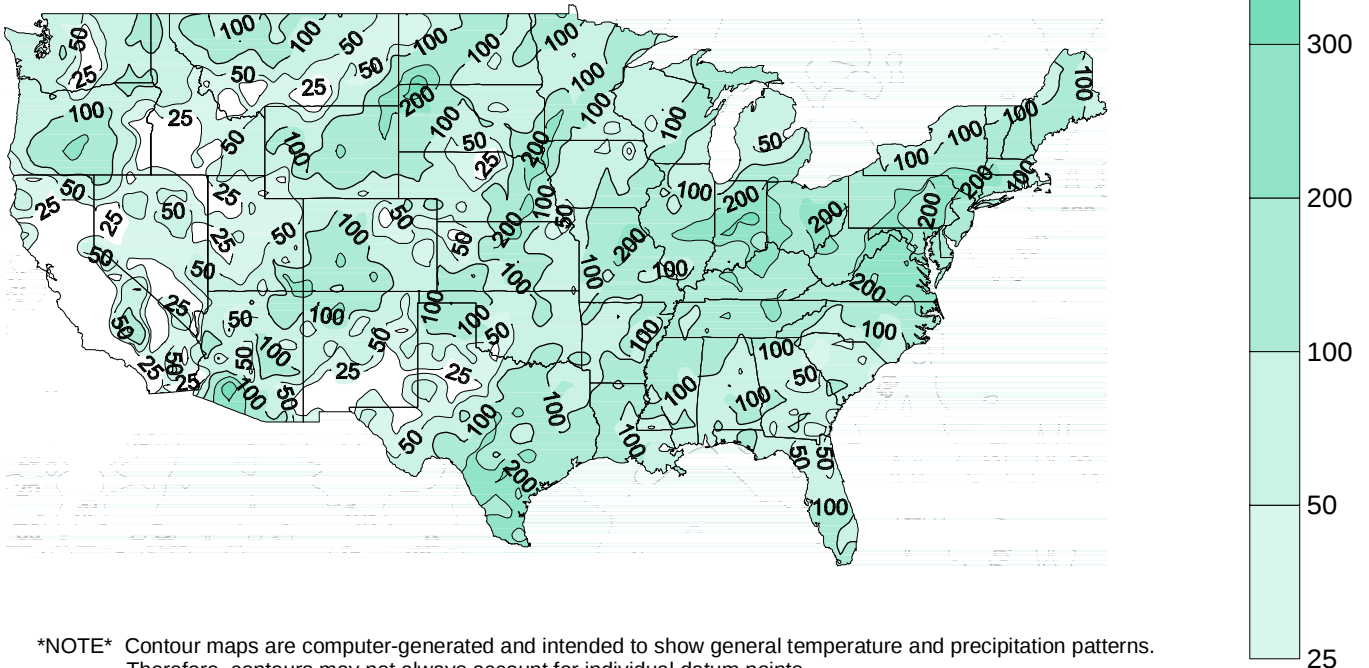
NCDC Subscription Services Center
310 State Route 956
Building 300
Rocket Center, WV 26726

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

Total Precipitation (Inches)
September 2003



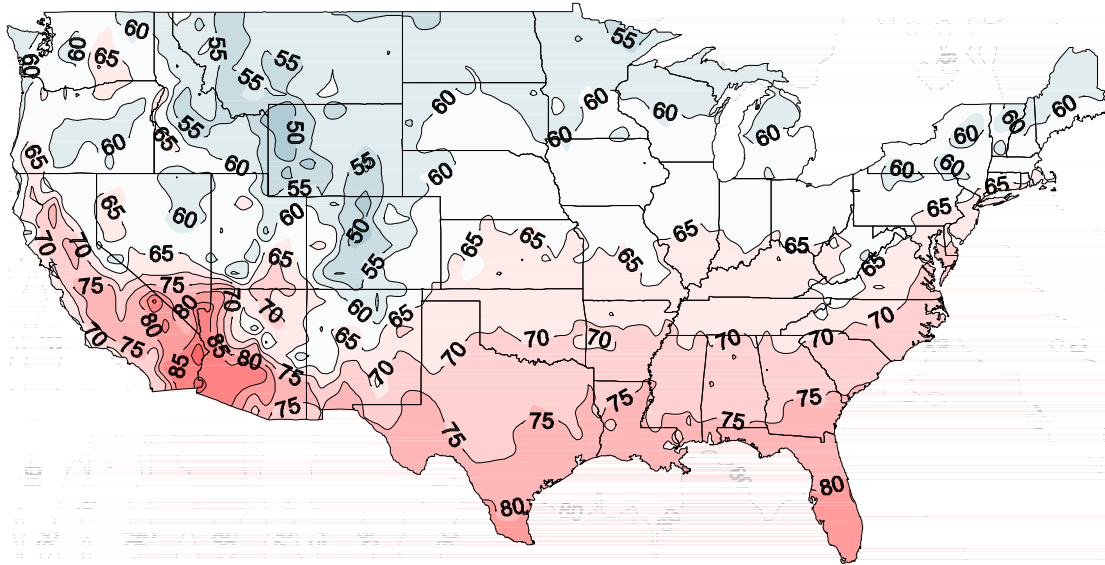
Percent of Normal Precipitation
September 2003



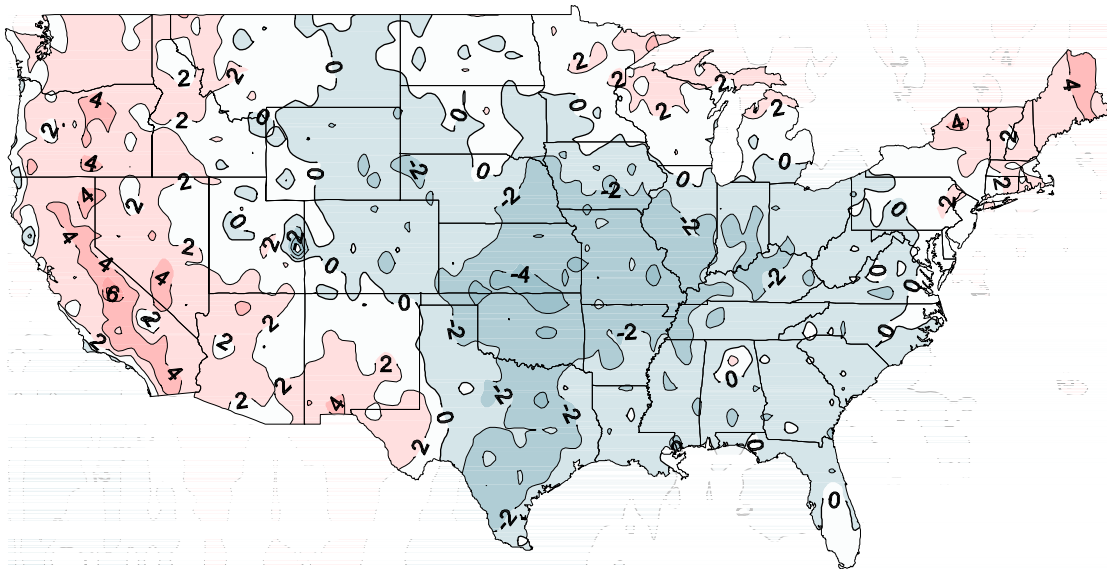
NOTE Contour maps are computer-generated and intended to show general temperature and precipitation patterns. Therefore, contours may not always account for individual datum points.

National Climatic Data Center, NOAA

Average Temperature (Degrees F)
September 2003



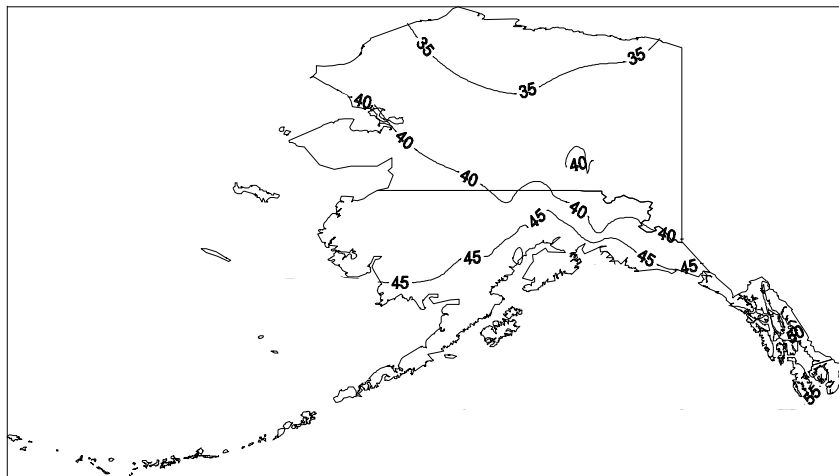
Departure of Average Temperature from Normal (Degrees F)
September 2003



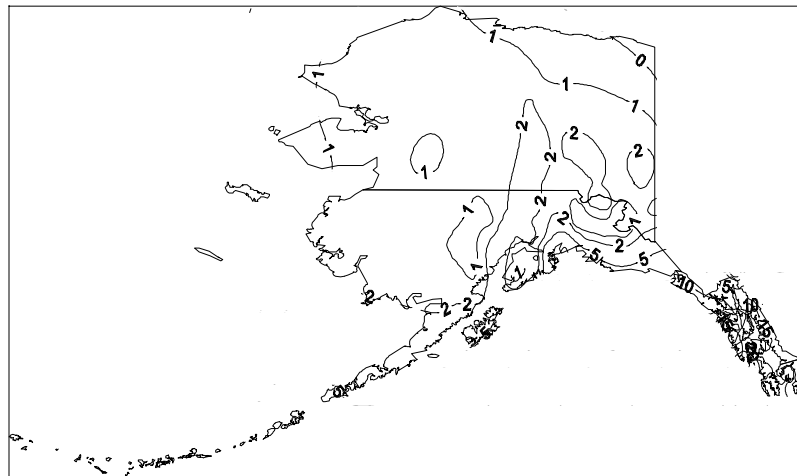
NOTE Contour maps are computer-generated and intended to show general temperature and precipitation patterns. Therefore, contours may not always account for individual datum points.

National Climatic Data Center, NOAA

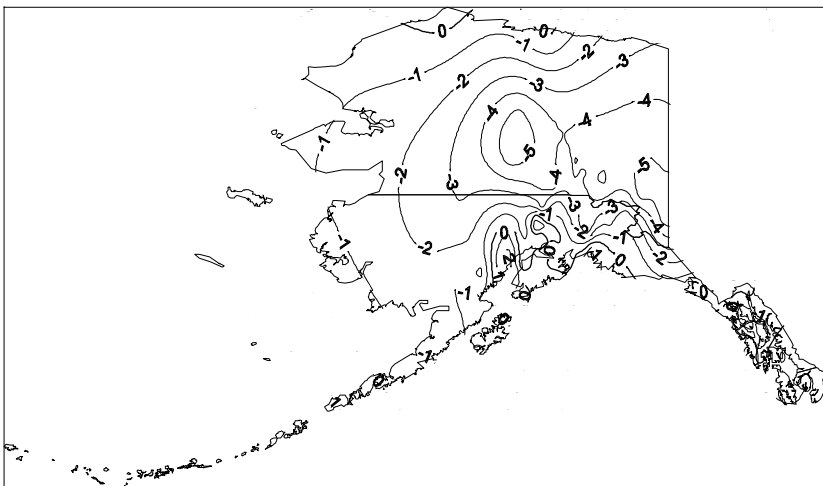
Average Temperature (Degrees F)
September 2003



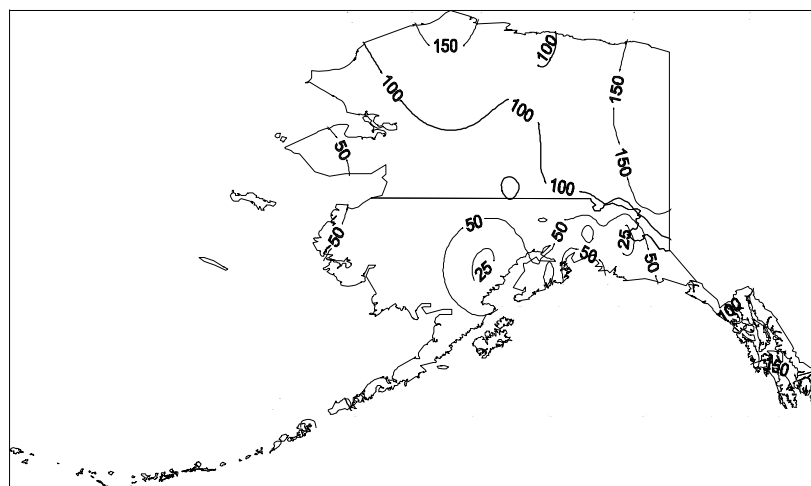
Alaska Precipitation (Inches)
September 2003



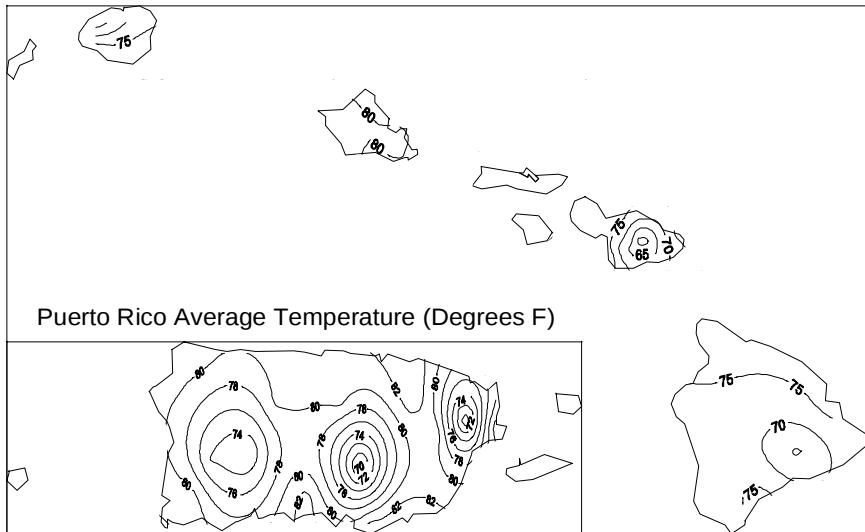
Departure of Average Temperature from Normal (Degrees F)
September 2003



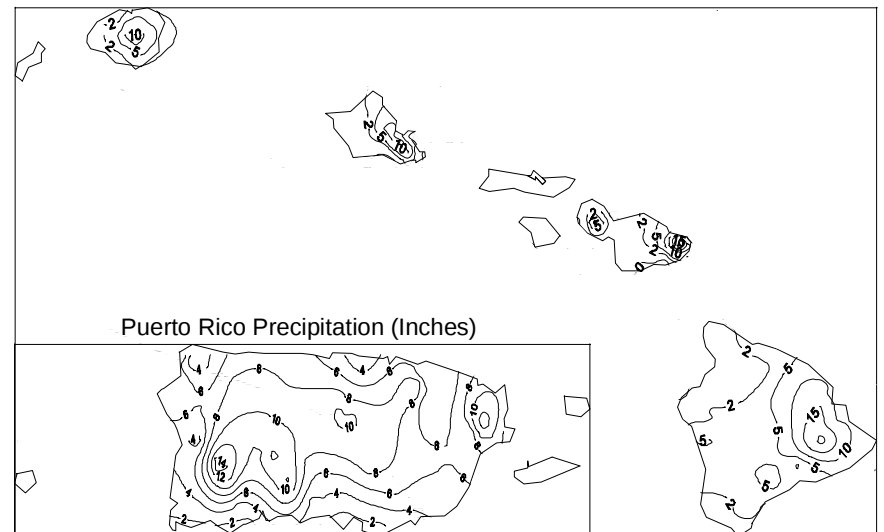
Percent of Normal Precipitation
September 2003



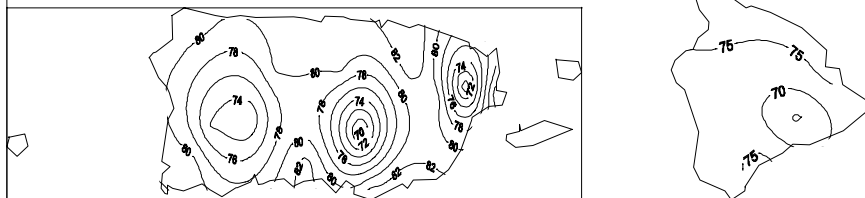
Hawaii Average Temperature (Degrees F)
September 2003



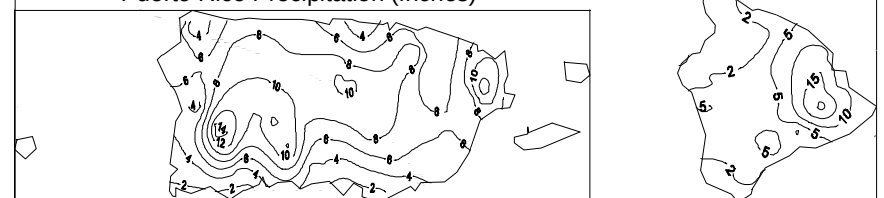
Hawaii Precipitation (Inches)
September 2003



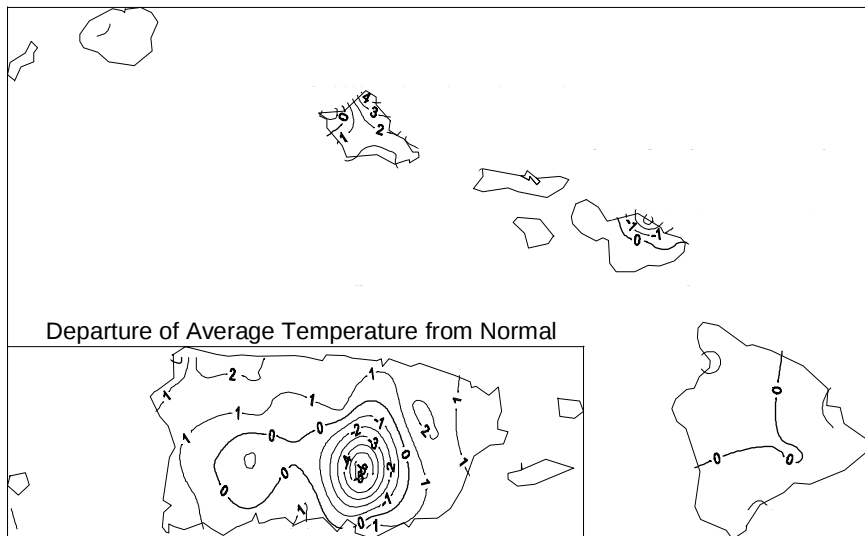
Puerto Rico Average Temperature (Degrees F)



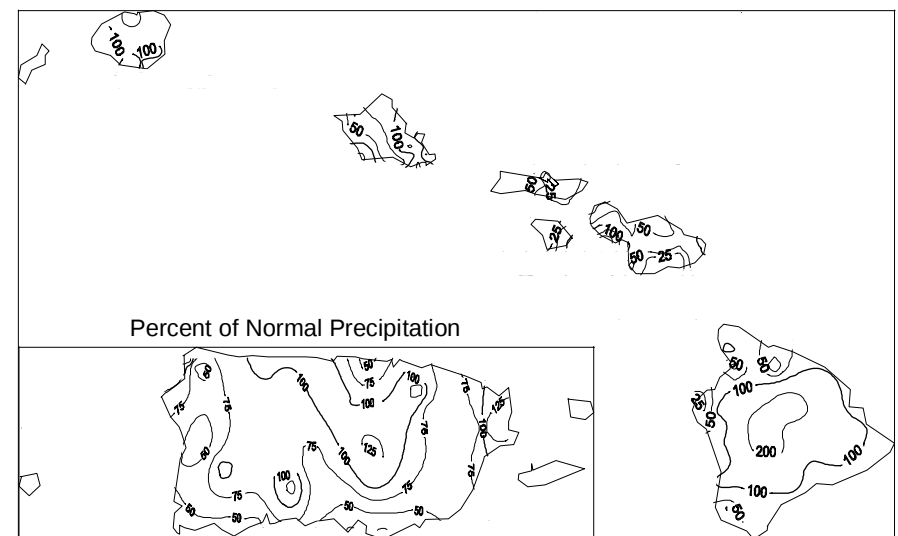
Puerto Rico Precipitation (Inches)

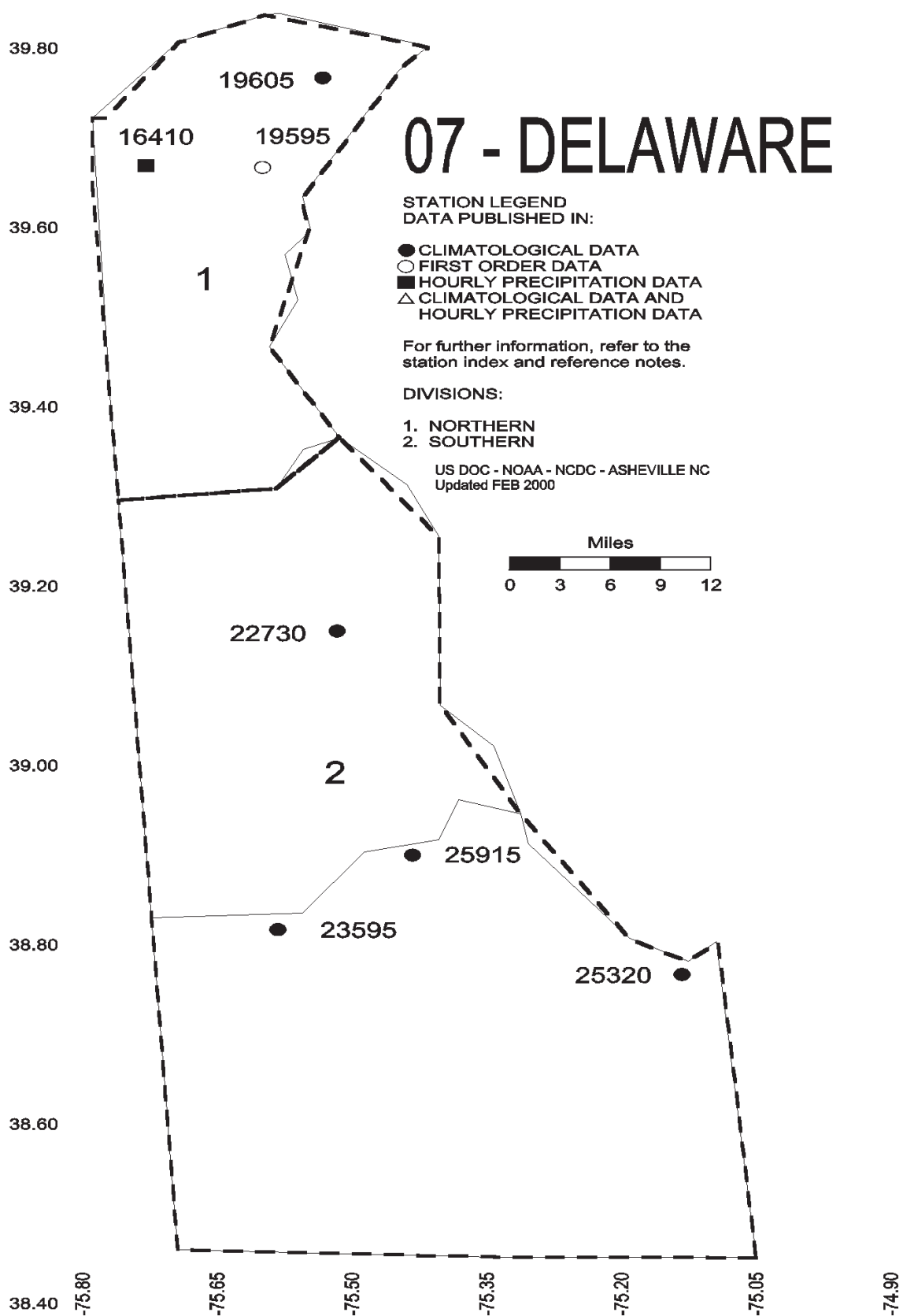


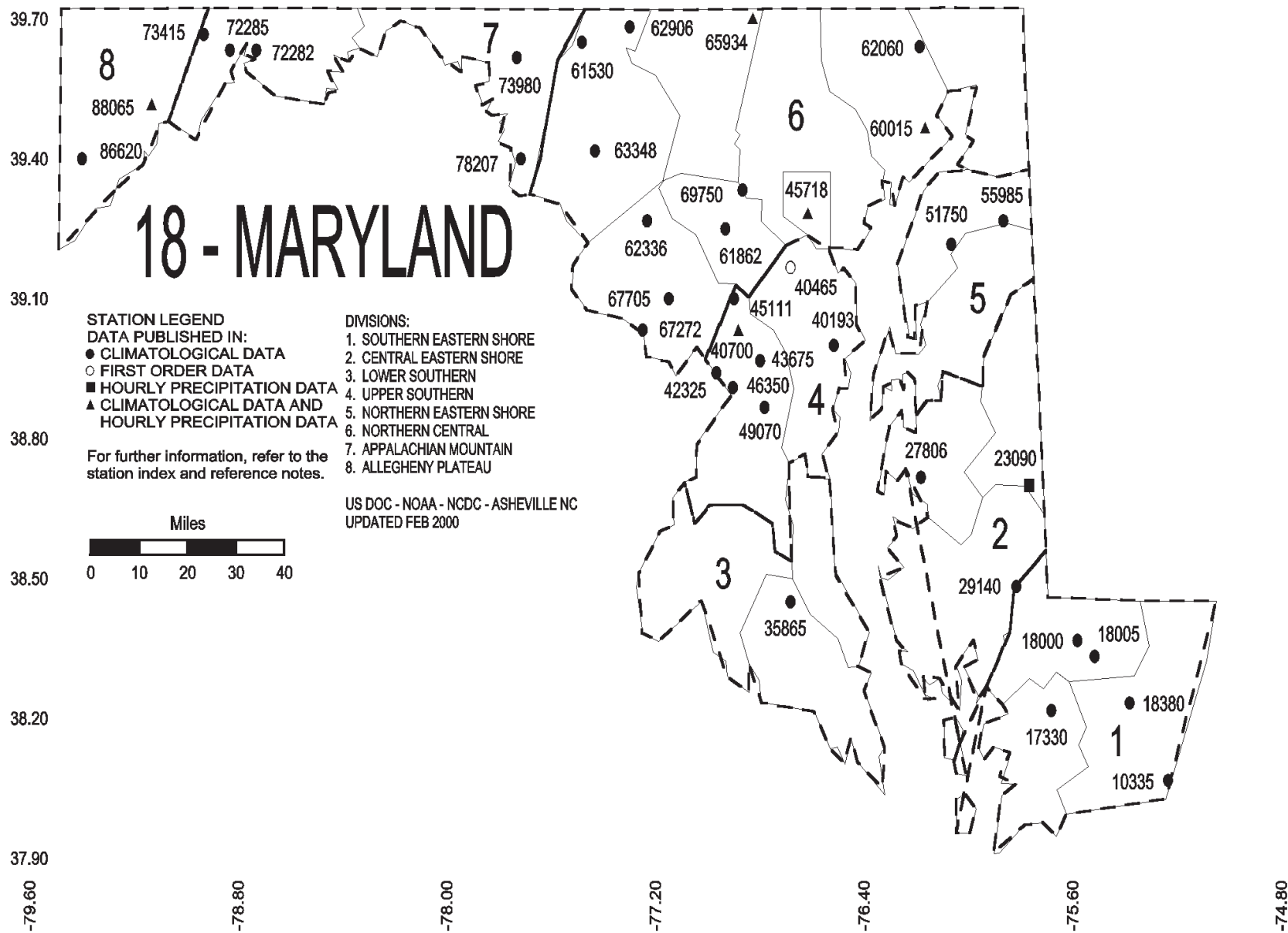
Departure of Average Temperature from Normal (Degrees F)
September 2003



Hawaii Percent of Normal Precipitation
September 2003







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

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

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

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

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

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

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

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE \$300
CHANGE SERVICE REQUESTED