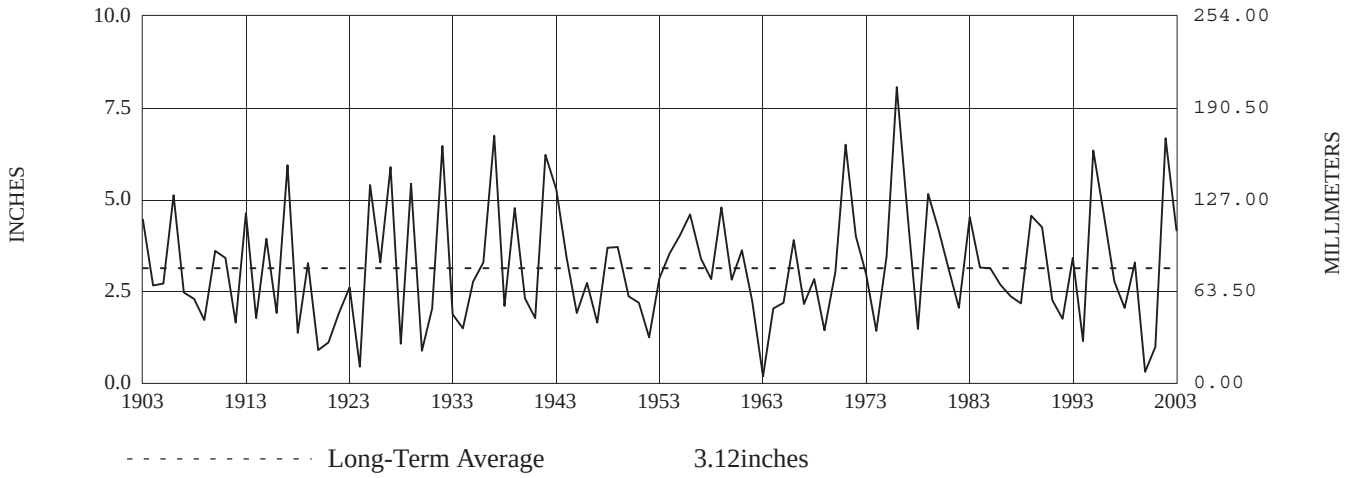
CLIMATOLOGICAL DATA

MARYLAND AND DELAWARE

OCTOBER 2003

VOLUME 107 NUMBER 10

ISSN 0145-0549



MARYLAND AND DELAWARE PRECIPITATION OCTOBER, 1903-2003

TEMPERATURE AND PRECIPITATION EXTREMES

MARYLAND			
HIGHEST TEMPERATURE	82	OCTOBER 31+	5 STATIONS
LOWEST TEMPERATURE	21	OCTOBER 6	CATOCTIN MOUNTAIN PARK
GREATEST TOTAL PRECIPITATION	6.07		CYLBURN
LEAST TOTAL PRECIPITATION	2.26		SAVAGE RIVER DAM
GREATEST 1 DAY PRECIPITATION	2.87	OCTOBER 27	ABERDEEN PHILLIPS FLD

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

Thomas R Karl

DIRECTOR
NATIONAL CLIMATIC DATA CENTER

noaa

National Oceanic and Atmospheric Administration

National Environmental Satellite, Data and Information Service

National Climatic Data Center Asheville, North Carolina

TEMPERATURE AND PRECIPITATION EXTREMES

DELAWARE			
HIGHEST TEMPERATURE	80	OCTOBER 10	MILFORD 2 SE
LOWEST TEMPERATURE	26	OCTOBER 24	BEAR 2 SW
GREATEST TOTAL PRECIPITATION	5.56		WILMINGTON PORTER RSVR
LEAST TOTAL PRECIPITATION	3.22		DOVER
GREATEST 1 DAY PRECIPITATION	2.35	OCTOBER 29	LEWES

This page intentionally left blank.

MONTHLY STATION AND DIVISION SUMMARY

STATION	TEMPERATURE (°F)										NO. OF DAYS			
											MAX		MIN	
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	HEATING DEGREE DAYS	COOLING DEGREE DAYS	90 OR ABOVE	32 OR BELOW	32 OR BELOW	0 OR BELOW
MARYLAND														
SOUTHERN EASTERN SHORE 01														
ASSATEAGUE	69.9	47.8	58.9	-.7	80	9	34	25	198	15	0	0	0	0
PRINCESS ANNE	M	M	M		82	8	26	24			0	0	3	0
SALISBURY	69.0	49.1	59.1	.0	80	8	31	24	188	12	0	0	1	0
SALISBURY POLICE BRKS	69.8	48.9	59.4		81	8	31	24	183	15	0	0	1	0
SALISBURY FAA ARPT	67.0	41.6	54.3	-3.3	79	8	25	24	330	6	0	0	4	0
SNOW HILL 4 N	69.8	45.5	57.7	-.7	82	8	26	24	229	6	0	0	2	0
--DIVISIONAL DATA------->			57.9	-.8										
CENTRAL EASTERN SHORE 02														
ROYAL OAK 2 SSW	68.0	48.5	58.3	-1.5	80	8	31	24	213	12	0	0	1	0
VIENNA	70.4M	49.1M	59.8M	1.0	82	9	35	25+	179	25	0	0	0	0
--DIVISIONAL DATA------->			59.1	.3										
LOWER SOUTHERN 03														
MECHANICSVILLE 5 NE	65.1	45.4	55.3	-1.4	75	8	28	24	298	0	0	0	1	0
OXON HILL	66.3	45.1	55.7		79	13	32	24	285	4	0	0	1	0
SOLOMONS	70.3M	50.3M	60.3M		81	13	37	24	156	19	0	0	0	0
--DIVISIONAL DATA------->			57.1	-.8										
UPPER SOUTHERN 04														
ANNAPOLIS POLICE BRKS	68.0M	51.3M	59.7M	3.1	79	9	35	23	180	21	0	0	0	0
BALTIMORE WASH INTL AP R	65.8	44.4	55.1	-.3	78	12	29	24	303	2	0	0	2	0
BELTSVILLE	65.2	43.2	54.2	-1.9	77	13+	30	24	328	1	0	0	1	0
DALECARLIA RESERVOIR	68.1	44.8	56.5	-.8	79	9	31	24	259	1	0	0	1	0
GLENN DALE BELL STN	65.4	40.7	53.1	-2.0	77	13+	27	24	363	1	0	0	6	0
LAUREL 3 W	65.9	45.3	55.6	-2.0	77	9	33	23+	284	1	0	0	0	0
MD SCI CTR BALTIMORE R	66.2	49.4	57.8		80	9	37	24	231	16	0	0	0	0
NATIONAL ARBORETUM DC	66.5	45.8	56.2	-.4	79	10	34	24	272	5	0	0	0	0
UPPER MARLBORO 3 NNW	66.3	42.5	54.4	-.9	79	9	29	24	323	4	0	0	3	0
--DIVISIONAL DATA------->			55.8	-1.0										
NORTHERN EASTERN SHORE 05														
CHESTERTOWN	68.2	42.8	55.5	-1.7	82	9	28	24	293	6	0	0	2	0
--DIVISIONAL DATA------->			55.5	-1.8										
NORTHERN CENTRAL 06														
ABERDEEN PHILLIPS FLD	65.2M	45.8M	55.5M	-1.8	77	10+	33	24	289	1	0	0	0	0
CATOCTIN MOUNTAIN PARK	61.9	38.4	50.2	-4.3	77	31	21	6	452	0	0	0	8	0
CLARKSVILLE 3 NNE	65.8	40.4	53.1	-1.6	79	9	26	24	360	0	0	0	4	0
CONOWINGO DAM	M	M	M											
CYLBURN	65.6	42.5	54.1		79	10	31	24	333	1	0	0	2	0
DAMASCUS 3 SSW	62.2	43.2	52.7		74	9	28	24	373	0	0	0	3	0
EMMITSBURG 2 SE	64.1	40.4	52.3	-2.6	75	21	26	24	387	0	0	0	4	0
MILLERS 4 NE	63.5	42.7	53.1	-1.9	76	12+	29	24	362	0	0	0	2	0
ROCKVILLE 1 NE	65.6	43.9	54.8	-.3	80	9+	32	24	312	1	0	0	1	0
--DIVISIONAL DATA------->			53.2	-2.5										
APPALACHIAN MOUNTAIN 07														
CUMBERLAND 2	66.2	39.4	52.8	-1.1	82	31	29	23+	371	1	0	0	4	0
CUMBERLAND POLICE BRK	63.8	40.3	52.1		77	31	27	3	396	0	0	0	5	0
FROSTBURG 2	57.7	37.7	47.7	-1.6	72	9	27	4+	528	0	0	0	6	0
HAGERSTOWN POLICE BRK	65.3	43.3	54.3		77	21+	28	24	324	0	0	0	2	0
SHARPSBURG 5 S	65.0	39.5	52.3		79	10	28	24	387	0	0	0	5	0
--DIVISIONAL DATA------->			51.8	-2.0										
ALLEGHENY PLATEAU 08														
OAKLAND 1 SE	61.3	37.7	49.5	-.5	74	31	23	3	472	0	0	0	8	0
SAVAGE RIVER DAM	59.0	38.5	48.8	-1.2	72	13	28	4+	496	0	0	0	5	0
--DIVISIONAL DATA------->			49.2	-.3										
DELAWARE														
NORTHERN 01														
BEAR 2 SW	64.2	42.1	53.2		79	9	26	24	362	3	0	0	4	0
NEWARK UNIVERSITY FARM	66.4	44.5	55.5	-.6	79	13+	29	25	305	16	0	0	1	0
WILMINGTON NEW CASTLE R	64.1	44.3	54.2	-1.6	77	12	32	25+	330	3	0	0	2	0
WILMINGTON PORTER RSVR	62.0	45.6	53.8	-1.8	76	9	31	24	338	0	0	0	1	0
--DIVISIONAL DATA------->			54.2	-2.0										
SOUTHERN 02														
DOVER	67.3	47.8	57.6	-1.2	77	10	30	24	232	8	0	0	1	0
GREENWOOD 2 NE	66.9	44.0	55.5	-.5	78	14+	28	24	294	6	0	0	2	0

MONTHLY STATION AND DIVISION SUMMARY

STATION	PRECIPITATION (IN)									
					ICE PELLETS, SNOW			NO. OF DAYS		
	TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	TOTAL	MAX. DEPTH ON GROUND	DATE	.10 OR MORE	.50 OR MORE	1.00 OR MORE
MARYLAND										
SOUTHERN EASTERN SHORE 01										
ASSATEAGUE	4.31	1.01	2.77	29	.0	0		6	1	1
PRINCESS ANNE	4.70	1.39			.0	0		2	1	0
SALISBURY	3.90	.47	2.02	29	.0	0		6	2	1
SALISBURY POLICE BRKS	M 3.31		1.95	29	.0	0		5	2	1
SALISBURY FAA ARPT	4.12	.48	1.72	29	.0	0		7	3	1
SNOW HILL 4 N	3.67	.25	2.47	29	.0	0		5	2	1
--DIVISIONAL DATA------->	4.14	.96			.0					
CENTRAL EASTERN SHORE 02										
ROYAL OAK 2 SSW	4.39	.93	1.75	29	.0	0		6	3	2
VIENNA	3.84	.70	1.71	29	.0	0		5	2	1
--DIVISIONAL DATA------->	4.12	1.05			.0					
LOWER SOUTHERN 03										
MECHANICSVILLE 5 NE	3.51	-.41	1.25	29	.0	0		4	3	2
OXON HILL	3.53		1.06	29	.0	0		4	4	1
SOLOMONS	3.99		1.50	29	.0	0		5	3	2
--DIVISIONAL DATA------->	3.68	.44			.0					
UPPER SOUTHERN 04										
ANNAPOLIS POLICE BRKS	5.56	2.00	1.92	27	.0	0		4	4	3
BALTIMORE WASH INTL AP R	5.82	2.66	1.99	27	T	T		5	4	3
BELTSVILLE	5.96	2.40	2.20	27	.0	0		4	4	3
DALECARLIA RESERVOIR	4.82	1.34	2.02	27	.0	0		3	3	3
GLENN DALE BELL STN	4.07	.46	1.39	15	.0	0		4	4	2
LAUREL 3 W	5.57	1.95	2.00	27	.0	0		6	4	3
MD SCI CTR BALTIMORE R	5.70		2.50	27	M	M		5	4	2
NATIONAL ARBORETUM DC	5.08	1.65	1.51	15	.0	0		4	4	3
UPPER MARLBORO 3 NNW	4.04	.38	1.24	27	.0	0		4	4	3
--DIVISIONAL DATA------->	5.18	1.87			.0					
NORTHERN EASTERN SHORE 05										
CHESTERTOWN	3.88	.51	1.21	27	.0	0		5	4	2
--DIVISIONAL DATA------->	3.88	.74			.0					
NORTHERN CENTRAL 06										
ABERDEEN PHILLIPS FLD	5.82	2.43	2.87	27	.0	0		4	3	3
CATOCTIN MOUNTAIN PARK	4.26	.37	1.34	27	.0	0		8	3	2
CLARKSVILLE 3 NNE	4.33	.84	1.60	27	.0	0		6	3	2
CONOWINGO DAM					M	M				
CYLBURN	6.07		1.93	15	.0	0		4	4	3
DAMASCUS 3 SSW	5.93		2.30	27	.0	0		7	3	2
EMMITSBURG 2 SE	3.99	.51	1.22	27	.0	0		6	3	2
MILLERS 4 NE	5.53	2.09	1.90	27	.0	0		7	3	3
ROCKVILLE 1 NE	4.09	.73	1.57	27	M .0	0		6	4	2
--DIVISIONAL DATA------->	5.00	1.66			.0					
APPALACHIAN MOUNTAIN 07										
CUMBERLAND 2	2.72	.03	1.28	15	.0	0		4	1	1
CUMBERLAND POLICE BRK	2.57		1.30	15	.0	0		6	2	1
FROSTBURG 2	2.37	-.84	1.12	15	T	T		6	1	1
HAGERSTOWN POLICE BRK	3.37		1.06	15	.0	0		5	2	2
SHARPSBURG 5 S	3.84		1.43	15	M .0	0		9	2	1
--DIVISIONAL DATA------->	2.97	-.20			.0					
ALLEGHENY PLATEAU 08										
OAKLAND 1 SE	3.42	.30	1.18	15	T	T		9	2	1
SAVAGE RIVER DAM	2.26	-.55	.89	15	.0	0		7	1	0
--DIVISIONAL DATA------->	2.84	-.33			.0					
DELAWARE										
NORTHERN 01										
BEAR 2 SW	4.79		1.83	27	.0	0		5	3	3
NEWARK UNIVERSITY FARM	M 5.23		1.96	14	.0	0		4	3	3
WILMINGTON NEW CASTLE R	4.39	1.31	1.47	27	.0	0		5	4	2
WILMINGTON PORTER RSVR	5.56	2.26	1.77	27	.0	0		7	5	2
--DIVISIONAL DATA------->	4.91	1.78			.0					
SOUTHERN 02										
DOVER	3.22	-.04	1.34	29	.0	0		4	3	1
GREENWOOD 2 NE	4.33	1.18	1.80	28	.0	0		5	3	2

MONTHLY STATION AND DIVISION SUMMARY

STATION	TEMPERATURE (°F)										NO. OF DAYS			
											MAX		MIN	
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	HEATING DEGREE DAYS	COOLING DEGREE DAYS	90 OR ABOVE	32 OR BELOW	32 OR BELOW	0 OR BELOW
HARRINGTON 4 NE	M	M	M											
LEWES	67.9	49.7	58.8	-.4	76	21+	35	24	195	12	0	0	0	0
MILFORD 2 SE	66.9	44.1	55.5	-1.4	80	10	29	24	296	12	0	0	3	0
--DIVISIONAL DATA------->			56.9	-.8										

MONTHLY STATION AND DIVISION SUMMARY

STATION	PRECIPITATION (IN)									
					ICE PELLETS, SNOW			NO. OF DAYS		
	TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	TOTAL	MAX. DEPTH ON GROUND	DATE	.10 OR MORE	.50 OR MORE	1.00 OR MORE
HARRINGTON 4 NE					M	M				
LEWES	4.19	.77	2.35	29	.0	0		5	2	1
MILFORD 2 SE	3.55	.07	1.40	29	.0	0		5	3	1
--DIVISIONAL DATA------->	3.82	.59			.0					

DAILY PRECIPITATION (INCHES)

STATION	TOTAL	DAY OF MONTH														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MARYLAND																
SOUTHERN EASTERN SHORE 01																
ASSATEAGUE	4.31											.26			.31	.17
PRINCESS ANNE	4.70											*	*	.50		.60
SALISBURY	3.90											.06	.25			.77
SALISBURY POLICE BRKS	M 3.31											.30	T			-
SALISBURY FAA ARPT	4.12				T						T	.27	.02		.67	.08
SNOW HILL 4 N	3.67											.04	.02			.72
CENTRAL EASTERN SHORE 02																
ROYAL OAK 2 SSW	4.39				T							.15				1.16
VIENNA	3.84												.18			.85
LOWER SOUTHERN 03																
MECHANICSVILLE 5 NE	3.51	T										.01	.10		T	1.12
OXON HILL	3.53					T										.84
SOLOMONS	3.99												.23			.84
UPPER SOUTHERN 04																
ANNAPOLIS POLICE BRKS	5.56												.02			1.71
BALTIMORE WASH INTL AP R	5.82	T			.01							T			1.53	T
BELTSVILLE	5.96					.02										1.70
DALECARLIA RESERVOIR	4.82				.05	.01										1.55
GLENN DALE BELL STN	4.07															1.39
LAUREL 3 W	5.57				.05										1.35	
MD SCI CTR BALTIMORE R	5.70				.03										1.38	
NATIONAL ARBORETUM DC	5.08										.02		.02			1.51
UPPER MARLBORO 3 NNW	4.04					T										1.08
NORTHERN EASTERN SHORE 05																
CHESTERTOWN	3.88				T							T			.22	.60
NORTHERN CENTRAL 06																
ABERDEEN PHILLIPS FLD	5.82	T			*	*	.06									1.41
CATOCTIN MOUNTAIN PARK	4.26	.14			.40	.01									.02	1.31
CLARKSVILLE 3 NNE	4.33				.12											1.18
CONOWINGO DAM	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CYLBURN	6.07	T	T		T	*	.12		.01	T	.01	.01	T	T		1.93
DAMASCUS 3 SSW	5.93	.04			.38										1.42	.28
EMMITSBURG 2 SE	3.99	.07		.25											.05	1.20
MILLERS 4 NE	5.53	.03			.34	T									.08	1.57
POTOMAC FILTER PLANT	4.64				.12										1.17	.12
ROCKVILLE 1 NE	4.09				.12										1.03	
SMITHSBURG 2 NW	3.77	.02		.34	.10							.01	.01		1.18	
APPALACHIAN MOUNTAIN 07																
CUMBERLAND 2	2.72	.08	.03		.05	.02										1.28
CUMBERLAND POLICE BRK	2.57				.15											1.30
FROSTBURG 2	2.37	.11	.03		.06	.06										1.12
HAGERSTOWN POLICE BRK	3.37	.09			.45	T									T	1.06
SHARPSBURG 5 S	3.84	.12			.16	.14										1.43
ALLEGHENY PLATEAU 08																
OAKLAND 1 SE	3.42	.27			.43										T	1.18
SAVAGE RIVER DAM	2.26	.17	T		.12	.05										.89
DELAWARE																
NORTHERN 01																
BEAR 2 SW	4.79	T			.02							T			1.09	.09
NEWARK UNIVERSITY FARM	M 5.23				.03										1.96	1.50
WILMINGTON NEW CASTLE R	4.39	T			.02								.01		1.09	.09
WILMINGTON PORTER RSVR	5.56				.09										1.19	.12
SOUTHERN 02																
DOVER	3.22				.03	T							.02			.76
GREENWOOD 2 NE	4.33					.01					T		.05			.77
HARRINGTON 4 NE	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LEWES	4.19				.07							.10	.08			.88
MILFORD 2 SE	3.55											T	.09			.91

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		.09	.01								.20	.08	.42	2.77		
PRINCESS ANNE			.09					.19				*	*	3.32		
SALISBURY			.11									.39	.29	2.02	.01	
SALISBURY POLICE BRKS								.50				.38	.18	1.95		
SALISBURY FAA ARPT		.11					.04				.13	.68	.40	1.72		
SNOW HILL 4 N			.10				.02	.03			.06	.10	.11	2.47		
CENTRAL EASTERN SHORE 02																
ROYAL OAK 2 SSW			.07				.18	.05			T	.81	.22	1.75		
VIENNA			.12							.13	.03	*	.76	1.71	.06	
LOWER SOUTHERN 03																
MECHANICSVILLE 5 NE		T	.03			T	T	.02			T	.93	.05	1.25		
OXON HILL			.01				T	.03				.75	.83	1.06	.01	
SOLOMONS				T								1.02	.38	1.50	.02	
UPPER SOUTHERN 04																
ANNAPOLIS POLICE BRKS	T						.02	.05			.03	1.92	.51	1.30		
BALTIMORE WASH INTL AP R	T	T				.03	.04				1.20	1.99	.25	.77		
BELTSVILLE							.05	.04				2.20	.78	1.17		
DALECARLIA RESERVOIR	.03		.01	.02			.05					2.02	.02	1.02	.04	
GLENN DALE BELL STN					.01		.04	.04				.59	.90	1.08	.02	
LAUREL 3 W		.02					.35				.60	2.00	.15	1.05		
MD SCI CTR BALTIMORE R		.01				.01	.06				.74	2.50	.22	.75		
NATIONAL ARBORETUM DC			.01					.02				1.45	.90	1.10	.05	
UPPER MARLBORO 3 NNW								.06			.55	1.24	1.11			
NORTHERN EASTERN SHORE 05																
CHESTERTOWN		T	.03				.09				.08	1.21	.50	1.15		
NORTHERN CENTRAL 06																
ABERDEEN PHILLIPS FLD			*	*	.07							2.87	.34	1.07		
CATOCTIN MOUNTAIN PARK		.10	.15				.10	.01				1.34		.68		
CLARKSVILLE 3 NNE	.02	.01	.01			.01	.04				.41	1.60	.13	.80		
CONOWINGO DAM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CYLBURN	T	T	.04		T	T	.05	.04				1.83	.87	1.11	.05	
DAMASCUS 3 SSW		T	.37			.04	.15				.05	2.30	T	.90		
EMMITSBURG 2 SE		T	.15	.15								1.22	T	.90		
MILLERS 4 NE		.14	.10				.33	.01				1.90	T	1.03		
POTOMAC FILTER PLANT		.03					.08				.40	1.90	.05	.77		
ROCKVILLE 1 NE		.01			*	.01	.05				.51	1.57	.13	.66		
SMITHSBURG 2 NW		.22				.04	.05				.62	.58	.54	.06		
APPALACHIAN MOUNTAIN 07																
CUMBERLAND 2		.02	.28				.07	.05				.30	.47	.04	.03	
CUMBERLAND POLICE BRK			.24				.15					.63		.10		
FROSTBURG 2	T	.02	.20				.08	.10				.21	.26	.06	.06	
HAGERSTOWN POLICE BRK		.05	.15				T			.05		1.03		.49		
SHARPSBURG 5 S			.18				.05	.10		*	*	.56	.49	.51	.10	
ALLEGHENY PLATEAU 08																
OAKLAND 1 SE		.25	.12				.17	.08			.10	.57		.25		
SAVAGE RIVER DAM			.40				.03	.11	T			.12	.26	.08	.03	
DELAWARE																
NORTHERN 01																
BEAR 2 SW		.05	.01			.05	T				.17	1.83	.47	1.01		
NEWARK UNIVERSITY FARM			.17									-	1.55	.02		
WILMINGTON NEW CASTLE R	T	.08	T			T	.02		T		.14	1.47	.65	.82		
WILMINGTON PORTER RSVR		.03	.20				.04				.52	1.77	.69	.91		
SOUTHERN 02																
DOVER			.02				.06	T			T	.21	.75	1.34	.03	
GREENWOOD 2 NE			T					.11				.08	1.80	1.41	.10	
HARRINGTON 4 NE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LEWES			.06		.03		.06	.08			.02	.33	.13	2.35		
MILFORD 2 SE							T	T			T	.10	.90	1.40	.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	72	75	68	65	74	71	74	77	80	77	70	66	79	76	74
		MIN	44	44	39	44	46	42	53	61	55	55	62	60	58	48	51
		OBS			48		54										
PRINCESS ANNE	17	MAX	72	68	63				75	82	81	76			77	75	73
		MIN	42	45	31				42	49	50	53			54	45	54
SALISBURY	17	MAX	68	65	62	69	69	70	72	80	79	74	68	76	74	72	68
		OBS															
		MIN	46	51	39	46	46	47	49	53	55	58	61	57	57	51	57
		OBS															
SALISBURY POLICE BRKS	17	MAX	68	66	64	71	70	69	72	81	80	73	68	75	74	73	73
		OBS															
		MIN	47	50	38	46	46	48	49	54	54	54	60	57	57	51	58
		OBS															44
SALISBURY FAA ARPT	MID	MAX	66	63	61	69	66	68	72	79	78	71	64	75	72	70	67
		MIN	40	33	33	38	40	42	43	47	49	54	59	57	43	43	37
SNOW HILL 4 N	17	MAX	71	66	61	72	70	71	73	82	79	72	69	77	75	73	70
		MIN	43	45	33	39	43	44	45	50	51	55	60	57	55	45	51
CENTRAL EASTERN SHORE 02																	
ROYAL OAK 2 SSW	18	MAX	67	61	60	70	66	68	74	80	79	74	72	72	72	71	68
		MIN	47	45	36	52	43	42	45	53	55	55	61	60	59	51	58
VIENNA	18	MAX	69	67	62	70	70	72	74	81	82	80	69	77	77	74	74
		MIN	46	46	35	48	60	44	47	55	57	56	59	57	56	61	49
LOWER SOUTHERN 03																	
MECHANICSVILLE 5 NE	19	MAX	60	59	57	68	65	66	69	75	74	70	70	74	70	68	65
		MIN	44	43	33	43	42	44	45	53	54	53	60	54	52	50	52
		OBS															
OXON HILL	08	MAX	68	60	58	60	70	66	69	72	77	76	70	75	79	73	67
		OBS			67												
		MIN	44	44	37	35	44	44	47	48	55	54	57	54	54	51	53
SOLOMONS	16	MAX	70	67	60			74	72	77	78	78		71	81	71	70
		MIN	53	50	40			49	52	58	58	57		58	55	55	54
UPPER SOUTHERN 04																	
ANNAPOLIS POLICE BRKS	17	MAX	61	61	61	72	69	64	70	73	79	78	71	74	76	68	68
		MIN	59	44	44	59	51	50	52	54	59	60	69	60	55	51	61
		OBS			52		61				70	69		70			53
BALTIMORE WASH INTL AP	MID	MAX	61	57	62	69	65	68	70	76	77	70	75	78	73	66	63
		MIN	46	42	38	47	45	47	50	50	52	51	56	50	50	47	47
BELTSVILLE	08	MAX	65	59	56	59	67	63	67	70	77	77	69	74	77	73	66
		MIN	46	40	33	36	40	42	44	46	53	53	54	52	50	49	51
DALECARLIA RESERVOIR	17	MAX	64	58	60	69	67	68	71	78	79	72	74	76	76	69	67
		MIN	47	45	34	44	42	42	44	51	50	52	58	51	50	50	49
GLENN DALE BELL STN	08	MAX	66	66	57	60	67	64	68	70	77	77	69	74	77	72	64
		MIN	43	38	31	31	40	41	42	43	52	52	54	47	47	47	50
LAUREL 3 W	MID	MAX	64	59	65	63	67	66	67	74	77	74	69	71	68	65	66
		MIN	43	33	44	45	42	43	50	56	55	56	53	50	49	49	44
		OBS															
MD SCI CTR BALTIMORE	MID	MAX	61	58	62	68	63	68	70	77	80	70	75	78	73	67	63
		MIN	52	46	41	48	47	49	51	57	58	60	60	59	56	56	50
NATIONAL ARBORETUM DC	07	MAX	66	60	58	60	69	66	69	72	78	79	70	75	78	74	67
		MIN	47	44	36	37	45	47	46	46	55	55	55	52	52	52	53
UPPER MARLBORO 3 NNW	08	MAX	67	60	58	60	70	66	69	71	79	78	71	74	78	74	66
		MIN	44	40	33	34	41	43	44	46	52	51	57	51	50	48	50
NORTHERN EASTERN SHORE 05																	
CHESTERTOWN	23	MAX	65	63	63	69	67	70	74	80	82	70	75	81	75	70	66
		MIN	44	42	38	37	38	42	40	47	50	47	54	54	48	48	48
NORTHERN CENTRAL 06																	
ABERDEEN PHILLIPS FLD	16	MAX	65	59	57			63	68	73	77	77				67	67
		MIN	53	41	34			41	42	54	51	53				48	55
CATOCTIN MOUNTAIN PARK	17	MAX	58	51	55	54	57	61	67	72	74	71	67	72	69	70	56
		OBS														61	
		MIN	44	39	28	39	25	21	42	34	36	45	52	33	46	43	48
		OBS			16	23						55				52	
CLARKSVILLE 3 NNE	17	MAX	59	56	59	65	62	68	70	78	79	71	73	78	74	64	61
		OBS															
		MIN	43	37	31	40	36	37	39	47	48	48	54	47	45	44	44
CONOWINGO DAM	07	MAX															
		MIN															
CYLBURN	08	MAX	68	60	58	61	67	65	68	69	77	79	69	74	77	74	64
		OBS					***										
		MIN	46	42	34	35	41	40	42	44	51	52	53	50	52	48	51
		OBS					***										
DAMASCUS 3 SSW	22	MAX	59	53	59	62	59	62	66	72	74	69	70	73	71	63	59
		MIN	48	39	32	44	40	39	42	47	51	48	51	53	46	52	52

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	68	72	73	64	68	69	77	66	53	61	69	67	69	62	63	68	69.9
	54	50	44	37	40	44	57	44	35	34	35	62	52	50	43	39	47.8
						55											
PRINCESS ANNE	70	72					76	63	58					72	67	74	M
	58	42					33	33	26					30	36	40	M
SALISBURY	68	67	63	67	68	76	72	57	58	67	71	72	68	58	66	74	69.0
								73	73				58				
	45	49	47	40	45	57	56	40	31	34	62	58	50	50	40	44	49.1
							40		40								
SALISBURY POLICE BRKS	74	67	67	67	69	77	75	53	56	67	73	73	68	60	67	73	69.8
													58				
	45	49	47	39	45	58	53	40	31	34	62	58	50	50	40	45	48.9
SALISBURY FAA ARPT	68	67	59	66	68	75	63	49	56	66	72	73	56	60	65	73	67.0
	36	41	33	32	37	58	41	28	25	28	63	51	49	38	35	38	41.6
SNOW HILL 4 N	71	68	65	68	68	77	74	55	58	67	70	72	69	60	68	73	69.8
	38	42	47	34	38	49	54	37	26	29	60	63	49	50	37	40	45.5
CENTRAL EASTERN SHORE 02																	
ROYAL OAK 2 SSW	75	66	60	67	68	74	71	53	59	66	73	68	57	58	67	72	68.0
	49	49	47	40	43	59	49	42	31	37	61	57	42	48	40	48	48.5
VIENNA	66	72	70	67	68				59	66	68		69	60	67	70	70.4
	52	65	45	39	44				38	35	53		48	46	40	46	49.1
LOWER SOUTHERN 03																	
MECHANICSVILLE 5 NE	67	60	58	65	65	74	69	51	55	63	73	66	52	55	65	71	65.1
	43	48	44	39	39	52	50	36	28	33	57	52	42	45	35	43	45.4
									20						27		
OXON HILL	64	70	62	61	67	68	74	60	52	58	64	71	65	55	59	66	66.3
	44	44	45	42	44	42	54	39	32	33	37	61	39	41	40	41	45.1
SOLOMONS	72	71		64	70	79	76	63	62		73	75	58	59	67	69	70.3
	49	53		46	46	56	54	40	37		44	56	48	48	43	50	50.3
UPPER SOUTHERN 04																	
ANNAPOLIS POLICE BRKS	70	61	61	64	78	78	76	56	58	65	68	75	59	57			68.0
	45	50	53	48	47	56	46	35	38	39	58	56	40	48			51.3
				59	62		36			52		32					
BALTIMORE WASH INTL AP	69	59	60	66	66	73	60	49	57	64	72	64	55	56	66	73	65.8
	44	47	40	43	40	51	43	34	29	31	60	44	37	39	36	39	44.4
BELTSVILLE	63	69	60	59	66	66	74	59	50	58	64	70	64	55	58	66	65.2
	39	40	43	41	40	42	52	36	30	33	34	62	38	42	37	41	43.2
DALECARLIA RESERVOIR	72	69	60	67	68	76	74	55	59	63	72	67	56	57	72	75	68.1
	42	39	44	42	40	50	46	38	31	33	57	50	38	46	37	46	44.8
GLENN DALE BELL STN	62	69	61	59	66	67	74	59	50	56	64	72	64	53	56	66	65.4
	38	40	42	38	38	38	50	32	27	28	32	60	35	35	35	35	40.7
LAUREL 3 W	67	61	64	69	66	73	63	55	62	68	66	64	56	56	66	73	65.9
	46	46	48	38	48	48	37	33	38	41	56	49	42	37	43	43	45.3
																51	
MD SCI CTR BALTIMORE	71	61	60	65	64	74	60	49	58	64	74	65	59	57	67	70	66.2
	47	49	47	50	46	53	45	39	37	41	61	47	42	47	43	48	49.4
NATIONAL ARBORETUM DC	64	69	62	62	68	67	75	60	51	60	64	71	65	56	59	67	66.5
	46	46	46	43	43	43	54	41	34	36	43	61	39	42	40	40	45.8
UPPER MARLBORO 3 NNW	64	69	61	62	66	68	74	60	51	58	64	73	65	55	58	67	66.3
	43	45	44	40	39	39	52	35	29	30	32	62	36	36	36	36	42.5
NORTHERN EASTERN SHORE 05																	
CHESTERTOWN	71	60	65	69	67	77	67	52	61	63	74	65	58	54	67	74	68.2
	45	42	40	37	37	50	45	38	28	29	60	48	35	38	38	40	42.8
NORTHERN CENTRAL 06																	
ABERDEEN PHILLIPS FLD	70	70			62	71	71	53	56			66	66	55	54	68	65.2
	44	49			37	60	51	37	33			60	38	48	37	41	45.8
CATOCTIN MOUNTAIN PARK	64	55	54	61	63	74	68	45	53	59	64	61	54	51	63	77	61.9
	45	39	37	43	37	50	41	31	32	28	51	48	29	41	29	34	38.4
										38		26	18		40	48	
CLARKSVILLE 3 NNE	69	59	60	66	67	72	70	50	57	63	71	63	59	57	66	73	65.8
							59										
	38	45	38	38	35	49	43	33	26	29	57	43	32	37	33	37	40.4
CONOWINGO DAM																	M
																	M
CYLBURN	63	70	59	60	66	65	72	63	49	58	64	72	64	59	55	66	65.6
				***							***						
	45	46	42	41	38	39	49	34	31	32	35	57	36	38	36	38	42.5
				***							***	35					
DAMASCUS 3 SSW	66	58	56	62	62	70	58	46	52	58	66	64	54	54	62	70	62.2
	42	45	42	40	38	47	40	32	28	35	56	46	35	46	37	45	43.2

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
EMMITSBURG 2 SE	17	MAX	62	56	56	60	61	61	68	73	74	74	71	74	73	69	59
		OBS							86								
		MIN	45	41	31	35	36	36	37	37	45	52	55	42	44	45	55
		OBS															
MILLERS 4 NE	18	MAX	59	54	57	58	61	63	68	75	76	72	73	76	72	66	59
		MIN	44	40	32	43	40	36	37	50	48	53	55	50	48	47	53
ROCKVILLE 1 NE	MID	MAX	59	57	60	67	63	67	72	80	80	71	75	76	74	61	63
		OBS															***
		MIN	46	41	34	46	40	48	44	48	44	55	57	51	53	53	46
		OBS															***
APPALACHIAN MOUNTAIN 07																	
CUMBERLAND 2	18	MAX	60	54	61	56	65	68	72	77	74	77	71	79	75	71	62
		OBS															
		MIN	38	29	30	40	37	37	38	38	47	54	51	46	46	50	42
		OBS								46							
CUMBERLAND POLICE BRK	17	MAX	62	51	58	54	61	63	68	73	71	73	73	75	75	75	65
		OBS		62													
		MIN	37	37	27	42	40	35	35	43	45	54	54	50	42	42	49
FROSTBURG 2	07	MAX	57	49	46	55	49	56	61	65	72	67	70	66	70	70	60
		MIN	39	36	27	27	37	36	36	36	44	49	51	49	42	42	44
HAGERSTOWN POLICE BRK	17	MAX	65	57	57	55	60	63	73	74	77	74	69	76	76	70	60
		OBS		***							***						
		MIN	45	40	31	44	38	38	41	50	48	54	56	48	47	49	54
		OBS		***							***						
SHARPSBURG 5 S	07	MAX	67	59	56	59	59	64	66	70	77	79	75	69	78	73	64
		OBS															
		MIN	38	37	29	30	38	37	37	43	50	51	52	49	45	45	54
		OBS															
ALLEGHENY PLATEAU 08																	
OAKLAND 1 SE	17	MAX	55	48	57	56	56	60	67	73	72	67	68	65	67	71	62
		MIN	38	36	23	39	38	35	31	38	40	54	52	43	36	45	42
		OBS															
SAVAGE RIVER DAM	08	MAX	57	51	49	56	52	57	62	65	71	68	69	69	72	70	65
		MIN	40	38	28	28	38	39	35	35	42	42	54	51	43	43	48
DELAWARE																	
NORTHERN 01																	
BEAR 2 SW	MID	MAX	60	57	58	65	61	64	67	74	79	69	72	76	71	68	62
		MIN	42	39	32	47	38	37	38	47	49	51	57	58	47	45	46
NEWARK UNIVERSITY FARM	07	MAX	70	61	58	59	68	62	66	70	76	79	71	77	79	74	77
		OBS	61	58	59	68	62	66	70	76	79	71	77	79	74	77	64
		MIN	46	43	34	37	41	37	42	48	58	56	58	58	54	49	55
		OBS															
WILMINGTON NEW CASTLE	MID	MAX	62	57	58	64	62	64	66	72	76	70	75	77	72	69	63
		MIN	48	41	34	50	41	37	39	51	51	53	56	56	50	48	46
WILMINGTON PORTER RSVR	MID	MAX	60	55	56	62	58	60	66	71	76	68	72	73	68	68	63
		OBS															
		MIN	47	44	37	49	44	42	45	52	53	57	54	55	52	51	47
SOUTHERN 02																	
DOVER	16	MAX	66	63	60	66	66	67	70	76	76	77	71	74	72	74	69
		MIN	47	46	35	45	44	43	45	50	54	56	59	58	62	49	57
		OBS									62						
GREENWOOD 2 NE	07	MAX	68	67	61	62	68	65	68	72	78	78	73	68	78	78	72
		MIN	44	44	33	39	44	45	46	47	52	52	60	57	54	42	47
		OBS															
HARRINGTON 4 NE	07	MAX															
		MIN															
LEWES	17	MAX	65	63	63	70	68	67	68	72	76	74	67	76	75	71	69
		MIN	48	49	41	50	45	48	47	53	55	58	61	57	58	50	57
		OBS															
MILFORD 2 SE	07	MAX	66	66	61	62	67	65	68	71	78	80	74	67	78	74	72
		OBS															
		MIN	43	43	34	34	44	44	43	43	50	53	61	57	56	47	49
		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	
EMMITSBURG 2 SE	65	65	56	57	63	75	74	50	55	61	66	66	56	53	63	71	64.1
						62		72									
	41	40	38	39	38	46	39	33	26	29	51	49	31	45	33	37	40.4
						34	49						22				
MILLERS 4 NE	65	57	58	63	64	72	68	46	53	59	64	64	57	53	64	71	63.5
	40	46	41	41	34	50	45	34	29	34	52	48	33	44	34	43	42.7
ROCKVILLE 1 NE	70	57	59	65	66	76	59	49	57	63	71	65	56	57	67	73	65.6
					***	***	74										
	44	47	40	43	39	52	41	35	32	33	57	41	34	41	35	42	43.9
					***	***	***										
APPALACHIAN MOUNTAIN 07																	
CUMBERLAND 2	64	57	59	65	71	74	67	50	59	66	64	66	59	57	71	82	66.2
												57					
	42	37	37	44	36	46	37	29	30	33	47	44	33	33	33	37	39.4
				36								33					
CUMBERLAND POLICE BRK	62	62	55	62	68	71	68	44	54	61	64	59	55	54	65	77	63.8
	40	46	35	44	34	45	44	36	28	31	48	46	31	42	30	37	40.3
FROSTBURG 2	51	61	47	51	57	69	67	44	37	53	61	62	47	53	51	65	57.7
	44	44	35	33	36	36	42	31	29	31	34	47	31	33	34	34	37.7
HAGERSTOWN POLICE BRK	68	61	57	64	64	77	76	52	54	62	66	66	56	55	65	74	65.3
	39	46	38	43	37	53	45	36	28	39	50	51	33	44	33	43	43.3
											39	39					
SHARPSBURG 5 S	61	68	57	58	65	68	77	57	51	58	64	68	63	58	58	68	65.0
										***	***	***					
	39	38	41	39	37	36	45	37	28	31	33	53	32	33	33	34	39.5
										***	***	***					
ALLEGHENY PLATEAU 08																	
OAKLAND 1 SE	61	60	50	59	68	68	62	39	52	65	71	57	52	49	70	74	61.3
	44	41	36	44	30	46	35	32	24	31	44	39	27	42	29	35	37.7
															67		
SAVAGE RIVER DAM	54	62	51	53	59	67	69	48	40	52	63	63	48	52	51	63	59.0
	49	46	37	36	35	35	45	35	30	29	31	46	33	34	33	36	38.5
DELAWARE																	
NORTHERN 01																	
BEAR 2 SW	66	56	57	65	64	70	61	46	55	64	72	65	57	56	62	72	64.2
	38	45	39	40	34	54	42	29	26	29	59	46	35	43	35	37	42.1
NEWARK UNIVERSITY FARM	64	70	57	62	66	63	74	61	57	56	62	74	68	57	56	63	66.4
	70	67		66	63	74	61	57	56	62	74	68	57	56	63	73	
	41	46	41	40	39	43	53	39	33	29	35	66	38	44	39	39	44.5
						53	39	33	29	35	66	38	39				
WILMINGTON NEW CASTLE	67	57	58	64	62	71	58	47	55	61	72	66	56	55	61	69	64.1
	44	46	43	45	38	55	37	33	32	32	58	46	38	45	38	41	44.3
WILMINGTON PORTER RSVR	65	55	55	62	60	68	56	45	52	59	68	64	55	54	60	69	62.0
							64										
	44	46	42	45	40	52	41	33	31	37	58	45	39	46	41	44	45.6
SOUTHERN 02																	
DOVER	67	67	60	62	63	75	73	56	55	64	73	71	58	57	65	73	67.3
	46	47	45	44	39	57	53	37	30	37	60	58	43	49	39	47	47.8
GREENWOOD 2 NE	65	69	63	60	66	67	77	60	47	56	66	73	71	53	58	66	66.9
	42	42	46	37	40	41	53	35	28	29	33	62	47	47	38	39	44.0
												52					
HARRINGTON 4 NE																	M
																	M
LEWES	69	67	64	65	64	76	74	52	56	65	70	74	69	59	67	71	67.9
	47	54	49	41	41	57	51	37	35	36	60	64	51	53	41	47	49.7
					49												
MILFORD 2 SE	65	69	64	60	67	67	76	60	49	57	67	74	72	54	59	66	66.9
				***													
	44	46	45	37	37	40	55	36	29	30	32	64	48	48	38	37	44.1
				***													

EVAPORATION AND WIND

STATION		DAY OF MONTH														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MARYLAND																
UPPER SOUTHERN 04																
BELTSVILLE	WIND	35	15	65	36	*	83	18	15	8	6	*	*	158	26	64
	EVAP	13	3	14	10	*	20	10	8	7	6	*	*	31	13	15
	MAX	70	58	59	63	-	66	69	71	78	76	-	-	77	75	61
	MIN	44	43	37	37	-	43	46	46	59	54	-	-	53	51	51
UPPER MARLBORO 3 NNW	WIND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	EVAP	11	*	19	*	*	*	39	*	*	26	*	*	29	13	6
	MAX	77	65	67	69	67	73	77	74	81	80	72	77	80	79	64
	MIN	47	46	38	39	46	46	47	48	56	56	56	56	55	53	53

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	89	79	-	-	75	45	71	*	45	*	*	295	47	27	26	26	1447B
	24	16	-	-	21	9	9	*	19	-	-	-	-	7	6	9	3.35B
	62	68	-	-	64	67	68	-	60	-	-	68	62	54	55	62	65.8
	39	41	-	-	41	44	51	-	35	-	-	37	40	42	38	38	43.9
UPPER MARLBORO 3 NNW	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	M
	22	10	*	*	26	8	12	13	9	-	-	-	-	-	-	-	3.14B
	67	70	65	70	67	71	72	62	55	63	63	73	64	55	57	65	69.1
	43	43	48	46	43	43	52	39	35	35	38	60	44	44	42	42	46.4

Evaporation: Is measured in hundreths of inches
Wind: Is measured in miles
Max and Min: The maximum and minimum temperatures (Fahrenheit) of the water in the evaporation pan

SNOWFALL AND SNOW ON GROUND (INCHES)

STATION		DAY OF MONTH														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MARYLAND																
MARYLAND																
UPPER SOUTHERN 04																
BALTIMORE WASH INTL AP R	SNOWFALL															
	SN ON GND															
	WTR EQUIV															
APPALACHIAN																
MOUNTAIN 07																
FROSTBURG 2	SNOWFALL															
	SN ON GND															
ALLEGHENY PLATEAU 08																
OAKLAND 1 SE	SNOWFALL															
	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																
UPPER SOUTHERN 04																
BALTIMORE WASH INTL AP R							T									
APPALACHIAN																
MOUNTAIN 07																
FROSTBURG 2								T								
ALLEGHENY PLATEAU 08																
OAKLAND 1 SE								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).

STATION INDEX

STATION	INDEX NO.	DIVISION	COUNTY	LATITUDE	LONGITUDE	ELEVATION (IN FEET)	OBSERVATION TIME AND TABLES LOCAL STD TIME TEMP	PRECIP	EVAP	SPECIAL SEE (NOTES)	OBSERVER
MARYLAND											
ABERDEEN PHILLIPS FLD	0015	06	HARFORD	39 28	76 10W	57	16	16		C H	US ARMY ABERDEEN TEST CT
ANNAPOLIS POLICE BRKS	0193	04	ANNE ARUNDEL	39 0	76 30W	25	17	17		H	MARYLAND STATE POLICE
ASSATEAGUE	0335	01	WORCESTER	38 4	75 13W	10	07	07		H	NATIONAL RESOURCES MGMT
BALTIMORE WASH INTL AP R	0465	04	ANNE ARUNDEL	39 10	76 41W	156	MID	MID		C HJ	ASOS - FAA
BELTSVILLE	0700	04	PRINCE GEORG	39 2	76 56W	145	08	08	08	C H	USDA AGRI RESEARCH CTR W
CATOCTIN MOUNTAIN PARK	1530	06	FREDERICK	39 39	77 29W	1610	17	17		H	CATOCTIN MOUNTAIN PARK
CHESTERTOWN	1750	05	KENT	39 13	76 3W	40	23	23		H	THOMAS W ELIASON JR
CLARKSVILLE 3 NNE	1862	06	HOWARD	39 15	76 56W	370	17	17		H	UNIVERSITY OF MD - CMREC
CONOWINGO DAM	2060	06	HARFORD	39 39	76 11W	40	07	07		H	SUSQUEHANNA ELECTRIC CO
CUMBERLAND 2	2282	07	ALLEGANY	39 39	78 45W	730	18	18		H	TIMOTHY B THOMAS
CUMBERLAND POLICE BRK	2285	07	ALLEGANY	39 38	78 50W	970	17	17		H	MARYLAND STATE POLICE
CYLBURN	2308	06	BALTIMORE	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
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 R	5718	04	BALTIMORE (C	39 17	76 37W	20	MID	MID		C H	ASOS - NWS
MECHANICSVILLE 5 NE	5865	03	ST. MARY'S	38 28	76 42W	100	19	19		H	SANDRA J HASTINGS
MILLERS 4 NE	5934	06	CARROLL	39 43	76 48W	860	18	18		C H	ROBERT MILLER
NATIONAL ARBORETUM DC	6350	04	DISTRICT OF	38 55	76 58W	50	07	07		H	US NATIONAL ARBORETUM
OAKLAND 1 SE	6620	08	GARRETT	39 24	79 24W	2420	17	17		H	BEA J CROSCO
OXON HILL	6800	03	PRINCE GEORG	38 48	77 0W	120	08	08		H	BRIAN SMITH
POTOMAC FILTER PLANT	7272	06	MONTGOMERY	39 2	77 15W	270		08		H	POTOMAC WATER FILT PLANT
PRINCESS ANNE	7330	01	SOMERSET	38 13	75 41W	20	17	17		H	UNIV OF MD EASTERN SHORE
ROCKVILLE 1 NE	7705	06	MONTGOMERY	39 6	77 9W	440	MID	17		H	WASHINGTON GAS & ELEC CO
ROYAL OAK 2 SSW	7806	02	TALBOT	38 43	76 11W	10	18	18		H	JOHN L SWAINE JR
SALISBURY	8000	01	WICOMICO	38 22	75 35W	10	17	17		H	CITY OF SALISBURY
SALISBURY POLICE BRKS	8003	01	WICOMICO	38 25	75 34W	40	17	17		H	MD STATE POLICE BARRACKS
SALISBURY FAA ARPT #	8005	01	WICOMICO	38 20	75 31W	48	MID	MID		H	FAA
SAVAGE RIVER DAM	8065	08	GARRETT	39 31	79 8W	1495	08	08	08	C H	USA CORPS OF ENGINEERS
SHARPSBURG 5 S	8207	07	WASHINGTON	39 24	77 43W	500	07	07		H	DAVID DOWNIN
SMITHSBURG 2 NW	8371	06	WASHINGTON	39 40	77 35W	670		08		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	07	07	17	C H	UNIV OF DEL AGRIC FARM
WILMINGTON NEW CASTLE R	9595	01	NEW CASTLE	39 40	75 36W	79	MID	MID		C HJ	ASOS - FAA
WILMINGTON PORTER RSVR	9605	01	NEW CASTLE	39 46	75 32W	270	MID	MID		H	WILMINGTON WATER DEPT

REFERENCE NOTES

DEFINITIONS

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

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

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

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

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

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

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

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

SYMBOLS AND LETTERS USED IN THE STATION INDEX TABLE

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

SYMBOLS AND LETTERS USED IN THE DATA TABLES

(DAILY DATA ARE FOR THE 24 HOURS IMMEDIATELY PRECEDING OBSERVATION TIME.)
BLANK Entries in the "Monthly Summarized Data" table indicate no record.
BLANK Entries in the "Daily Precipitation" and "Snowfall and Snow on the Ground" tables indicate zero.
BLANK Entries in the "Daily Temperature" table indicate a missing record where an edited value could not be determined. (See *** below)
- No record. Data not recorded, determined unreliable by quality control check, or not received in time for publication.
+ Precipitation or temperature extremes occurred on one or more previous dates during the month.
*** Missing original temperature which has been estimated during edit.
* Rain gage not read. Precipitation is included in the amount following the asterisks. Time distribution not known. A * preceding the monthly total indicates precipitation amount is being carried forward to next months total, and may include amounts from the previous month(s).
// Rain gage equipped with a windshield.
A Amount of precipitation is the total of observer's entries for the current month. It may include precipitation that occurred during the previous month. Refer to earlier bulletin to determine date of last reading. (Hawaii stations)
B Adjusted monthly value (estimated), (1-7 missing values for wind and evaporation).
M Insufficient or partial data. M is appended to average and/or total values computed with 1-9 daily values missing. M appears alone if 10 or more daily values are missing, (8 or more for wind and evaporation).
R Amounts from recording rain gage.
T Trace. An amount too small to measure.
V Includes total for previous month(s). (See * above)

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

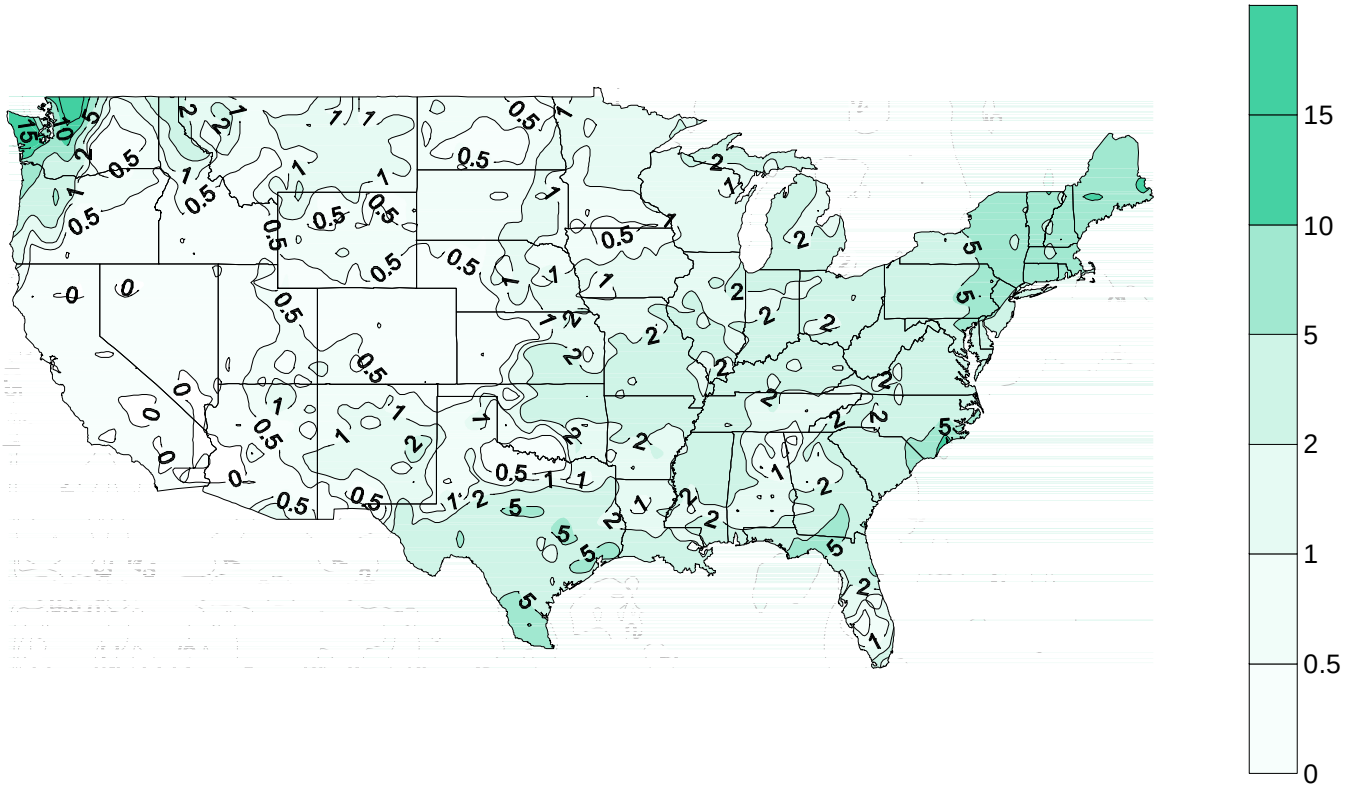
Information concerning the history of changes in locations, exposure, etc. of substations is kept on file at the National Climatic Data Center. Historical information of regular National Weather Service Offices may be obtained from the "Local Climatological Data" annual publication. The contents of this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

SUBSCRIPTION, PRICE, AND ORDERING INFORMATION AVAILABLE FROM:

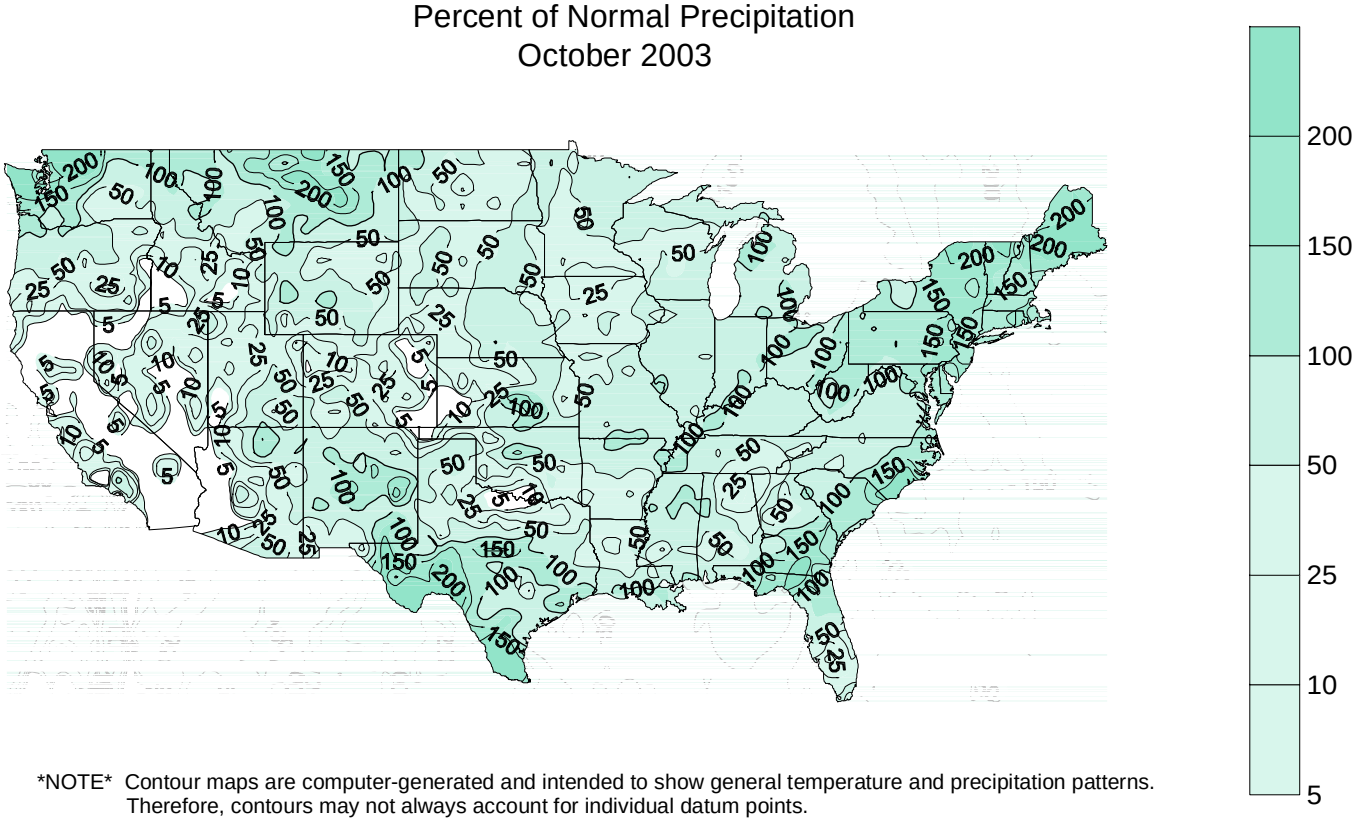
NCDC Subscription Services Center
310 State Route 956
Building 300
Rocket Center, WV 26726

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

Total Precipitation (Inches)
October 2003



Percent of Normal Precipitation
October 2003

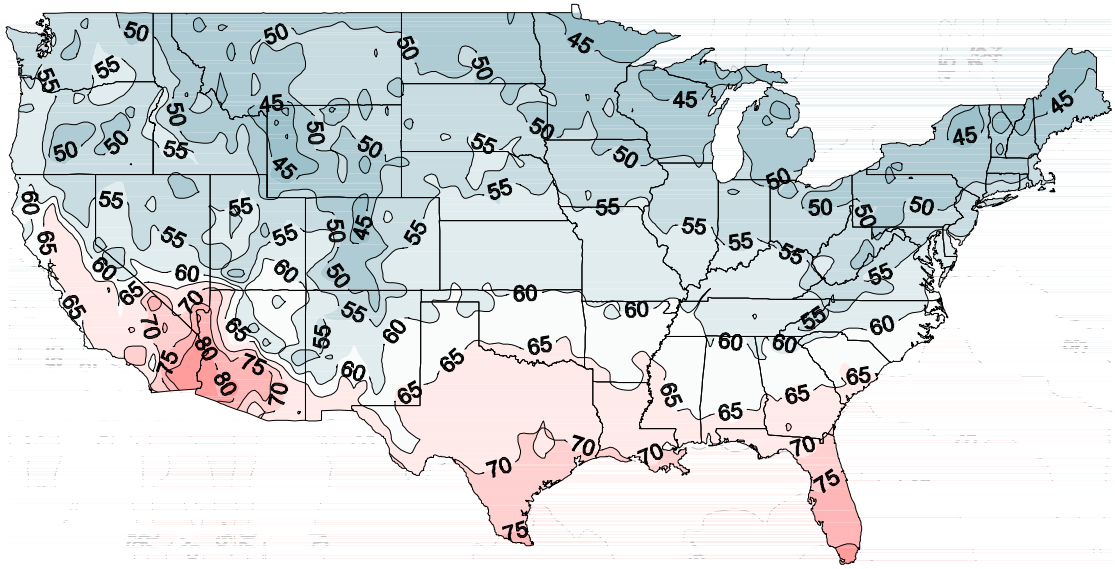


NOTE Contour maps are computer-generated and intended to show general temperature and precipitation patterns. Therefore, contours may not always account for individual datum points.

National Climatic Data Center, NOAA

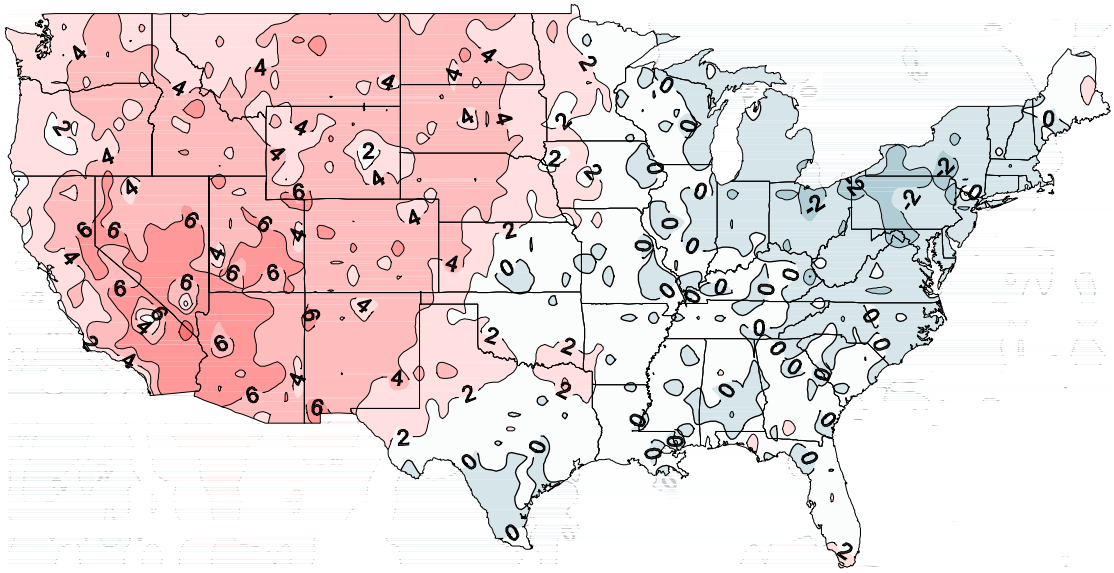
Average Temperature (Degrees F)

October 2003



Departure of Average Temperature from Normal (Degrees F)

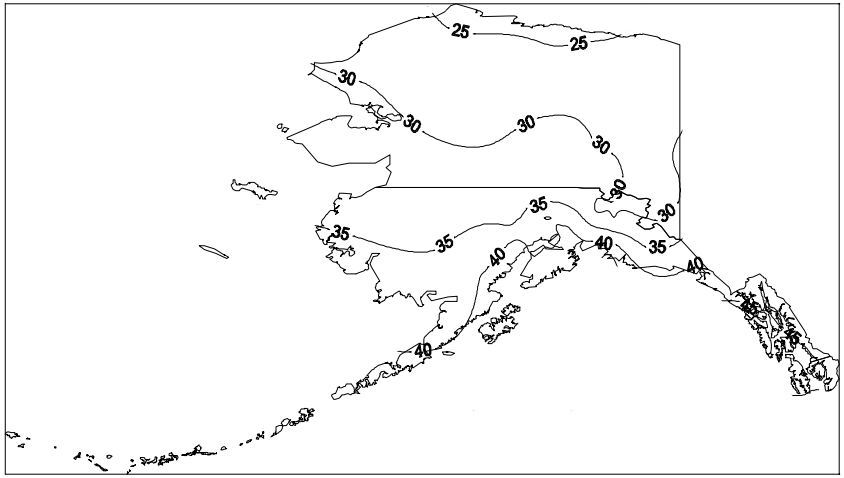
October 2003



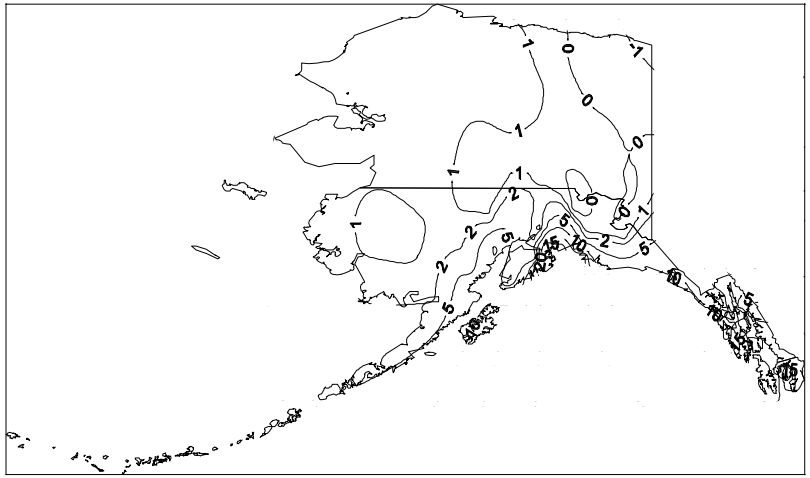
NOTE Contour maps are computer-generated and intended to show general temperature and precipitation patterns. Therefore, contours may not always account for individual datum points.

National Climatic Data Center, NOAA

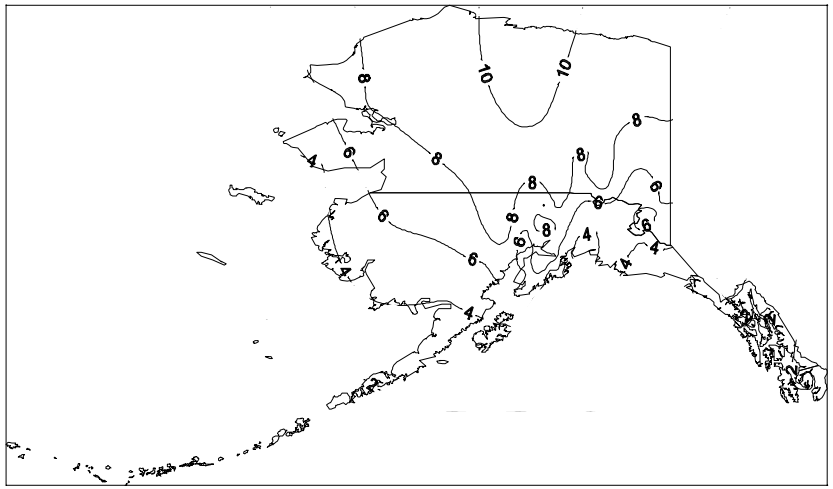
Average Temperature (Degrees F)
October 2003



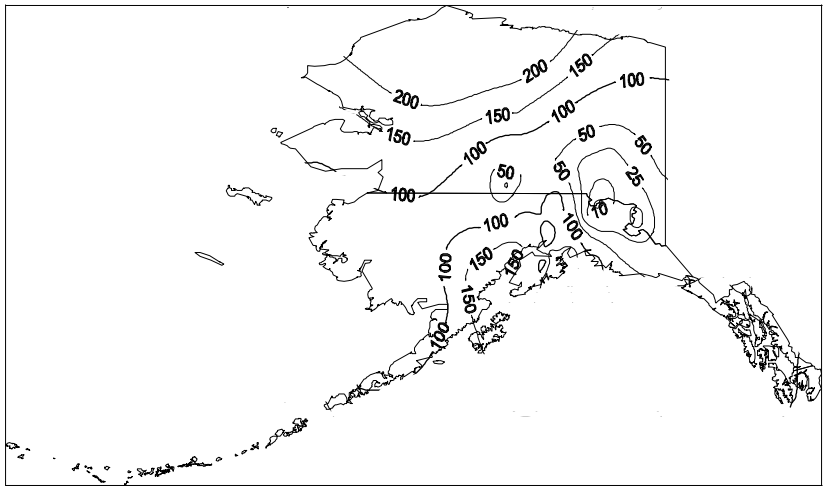
Alaska Precipitation (Inches)
October 2003



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

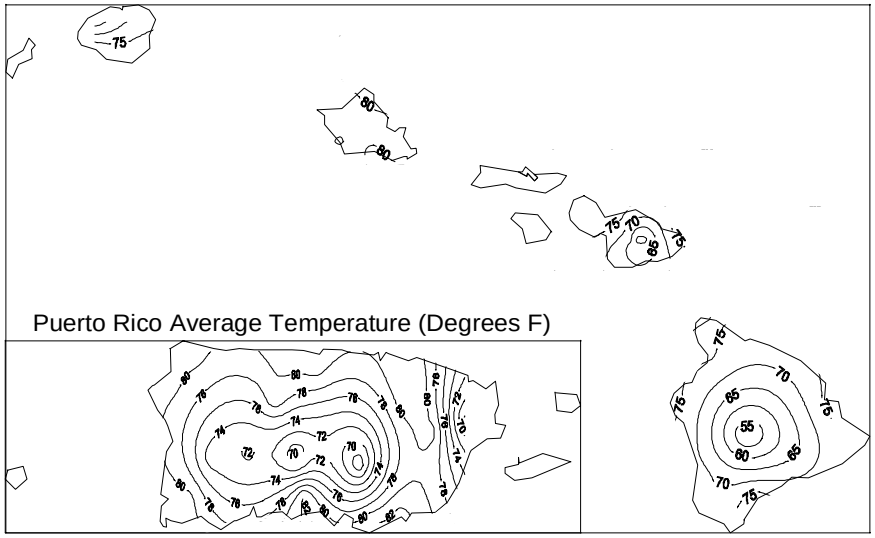


Percent of Normal Precipitation
October 2003

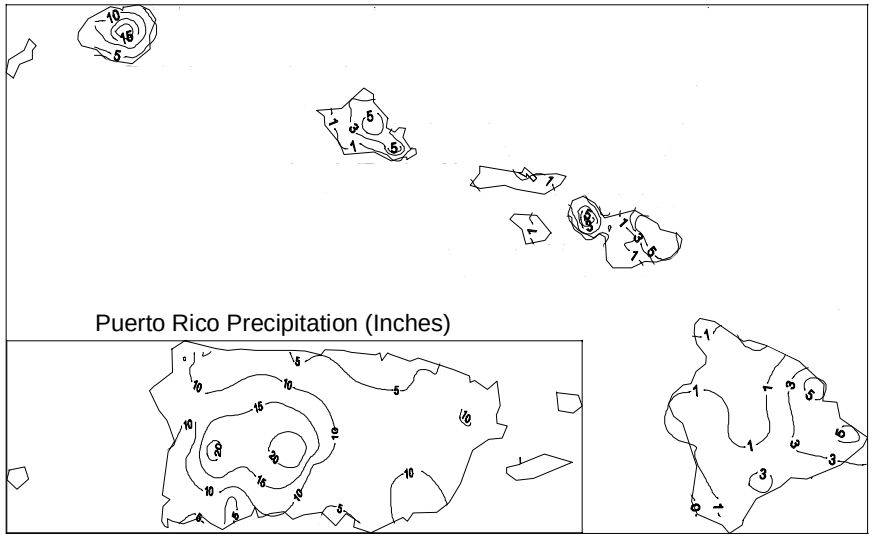


National Climatic Data Center, NOAA

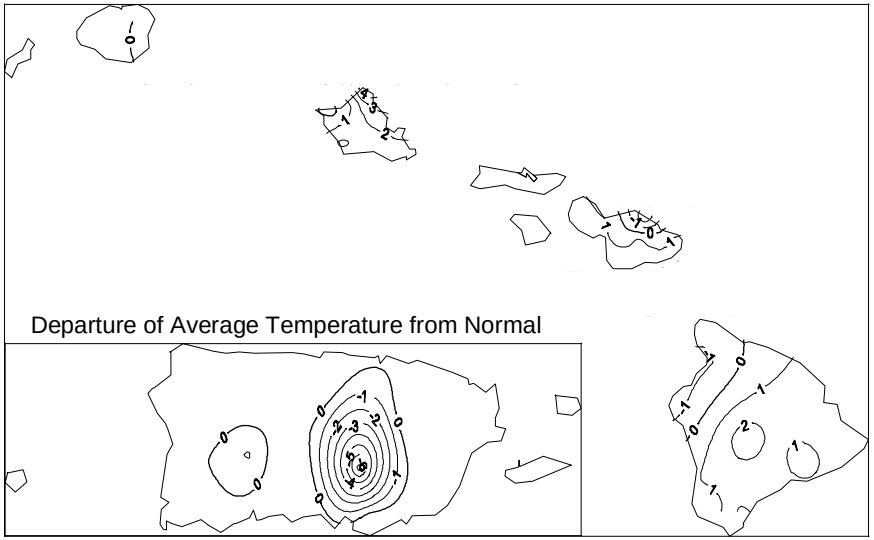
Hawaii Average Temperature (Degrees F)
October 2003



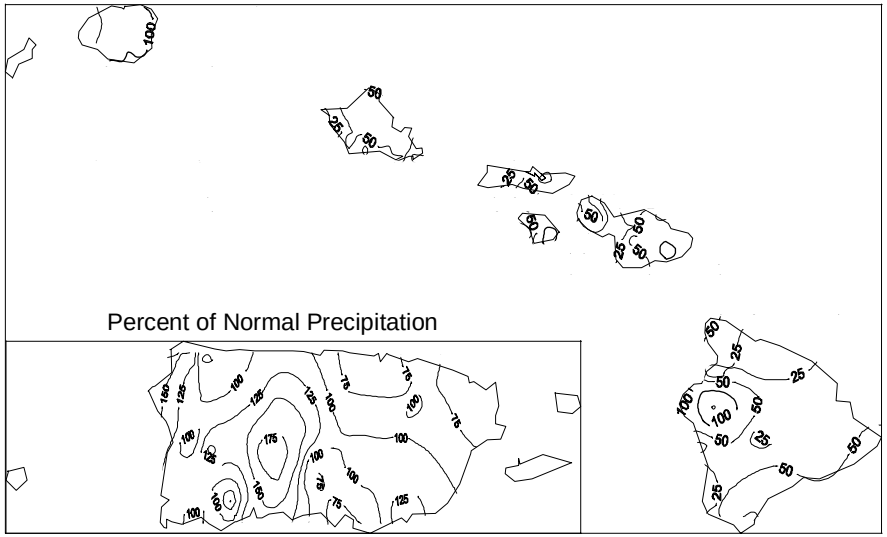
Hawaii Precipitation (Inches)
October 2003



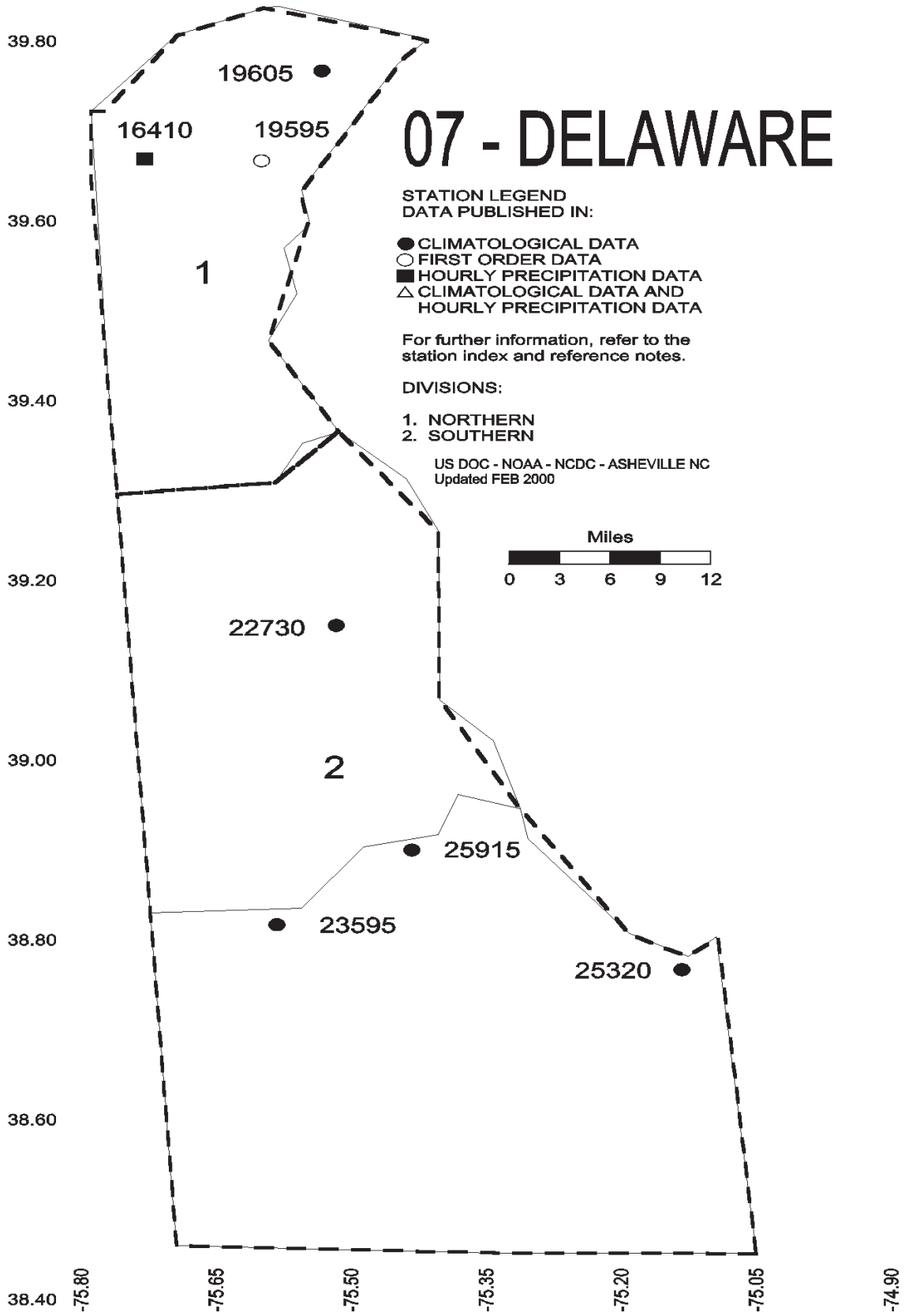
Departure of Average Temperature from Normal (Degrees F)
October 2003

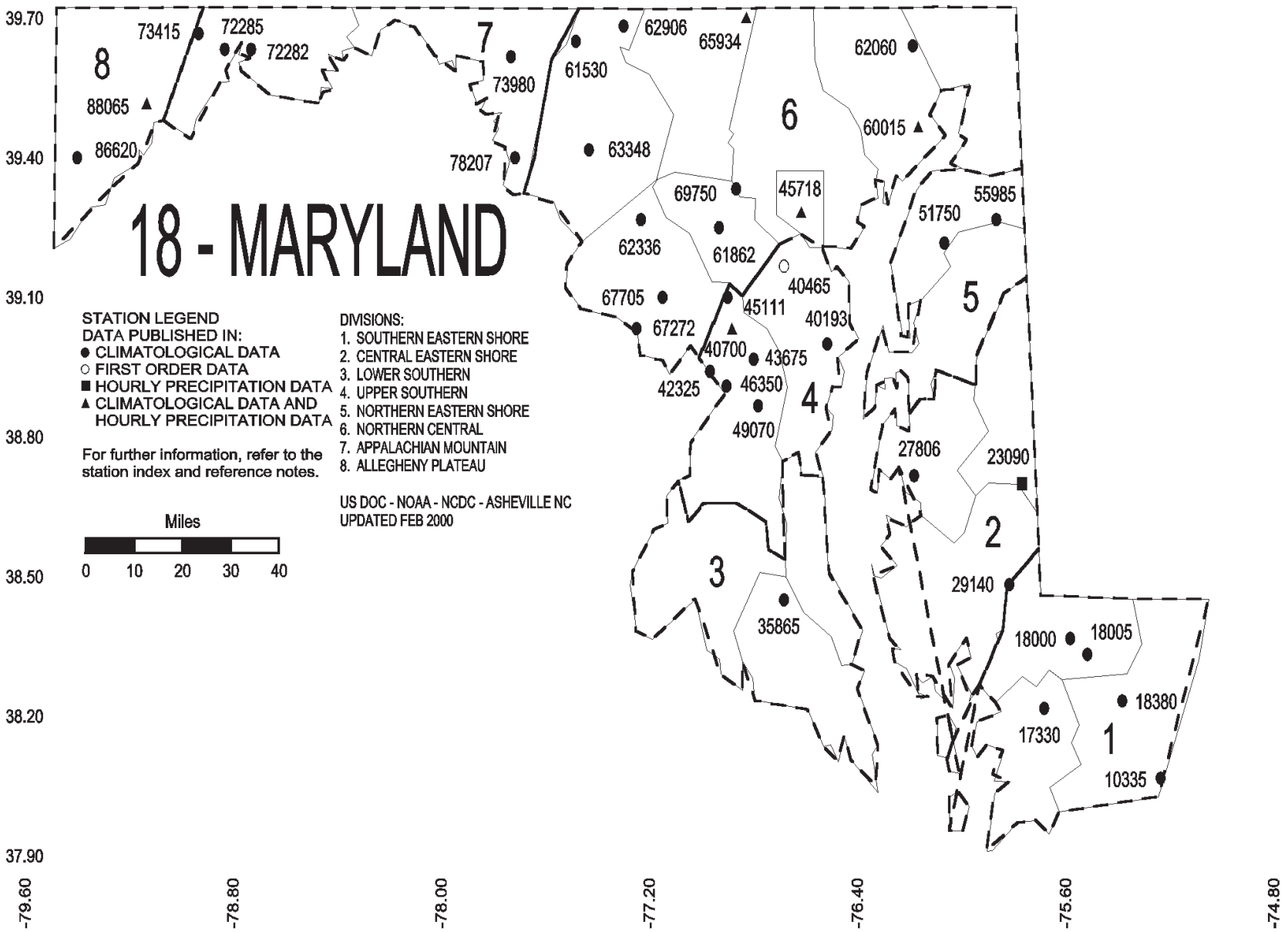


Hawaii Percent of Normal Precipitation
October 2003



National Climatic Data Center, NOAA


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


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

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

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

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

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

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

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

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

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300
CHANGE SERVICE REQUESTED