

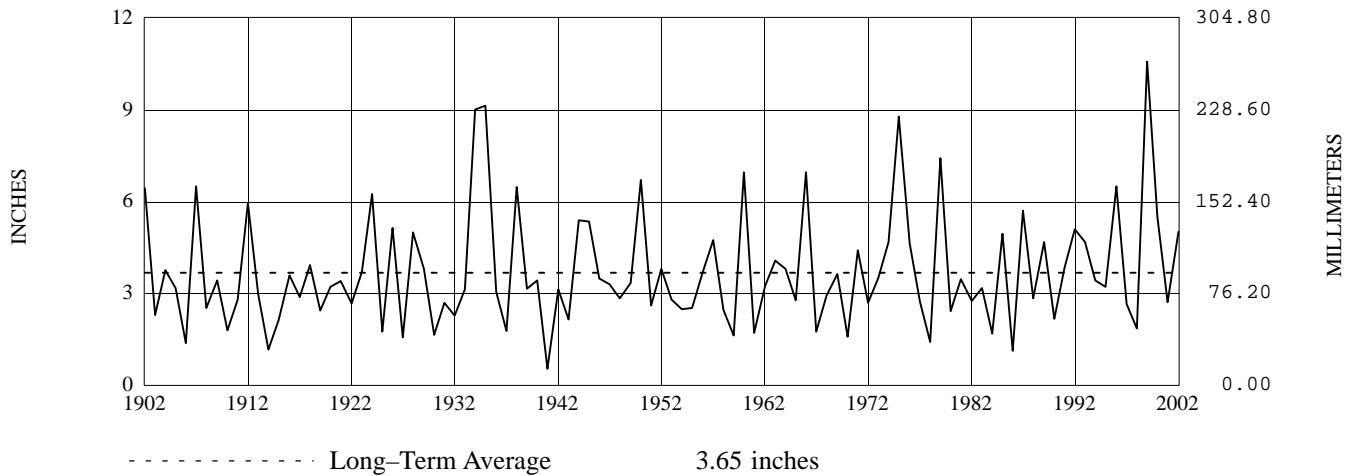
CLIMATOLOGICAL DATA

MARYLAND AND DELAWARE

SEPTEMBER 2002

VOLUME 106 NUMBER 09

ISSN 0145-0549



MARYLAND AND DELAWARE PRECIPITATION SEPTEMBER, 1902-2002

TEMPERATURE AND PRECIPITATION EXTREMES

MARYLAND

HIGHEST TEMPERATURE	99	SEPTEMBER 10	CONOWINGO DAM
LOWEST TEMPERATURE	36	SEPTEMBER 24	OAKLAND 1 SE
GREATEST TOTAL PRECIPITATION	15.66		SNOW HILL 4 N
LEAST TOTAL PRECIPITATION	1.86		MECHANICSVILLE 5 NE
GREATEST 1 DAY PRECIPITATION	14.31	SEPTEMBER 1	SNOW HILL 4 N

“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	92	SEPTEMBER 13	NEWARK UNIVERSITY FARM
LOWEST TEMPERATURE	48	SEPTEMBER 13	NEWARK UNIVERSITY FARM
GREATEST TOTAL PRECIPITATION	9.40		GREENWOOD 2 NE
LEAST TOTAL PRECIPITATION	3.42		WILMINGTON WSO ARPT R
GREATEST 1 DAY PRECIPITATION	5.10	SEPTEMBER 1	LEWES

This page intentionally left blank.

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		
MARYLAND																
SOUTHERN EASTERN SHORE 01																
ASSATEAGUE	82.2	66.2	74.2	3.9	92	5	54	13	0	282	1	0	0	0		
PRINCESS ANNE	M	M	M		91	5+	45	16			2	0	0	0		
SALISBURY	82.1	63.1	72.6	2.6	90	6+	53	13	0	237	3	0	0	0		
SALISBURY POLICE BRKS	83.0	62.8	72.9		90	5+	51	12	0	243	2	0	0	0		
SALISBURY FAA ARPT	80.3	57.2	68.8	-.3	91	4	43	13	17	138	1	0	0	0		
SNOW HILL 4 N	81.8	59.7	70.8	1.2	90	4	46	13	4	186	1	0	0	0		
--DIVISIONAL DATA----->			71.9	2.4												
CENTRAL EASTERN SHORE 02																
ROYAL OAK 2 SSW	82.5	63.3	72.9	2.2	92	4	54	29	0	244	3	0	0	0		
VIENNA	82.9	60.7	71.8	1.9	92	5+	51	13	0	211	2	0	0	0		
--DIVISIONAL DATA----->			72.4	2.8												
LOWER SOUTHERN 03																
MECHANICSVILLE 5 NE	78.6	60.6	69.6	1.3	88	4	51	24	9	152	0	0	0	0		
OXON HILL	81.7	60.8	71.3		92	5	52	24	4	199	2	0	0	0		
SOLOMONS	84.4	65.4	74.9		94	4	53	13	0	305	3	0	0	0		
--DIVISIONAL DATA----->			71.9	2.9												
UPPER SOUTHERN 04																
ANNAPOLIS POLICE BRKS	82.0	68.8	75.4	7.1	90	4	61	24+	0	319	1	0	0	0		
BALTIMORE WSO ARPT R	80.3	58.7	69.5	2.1	90	10	48	24	10	154	1	0	0	0		
BELTSVILLE	79.9	59.3	69.6	1.2	90	11	48	24	10	155	1	0	0	0		
DALECARLIA RESERVOIR	83.2	60.5	71.9	2.6	91	10+	49	24	2	214	4	0	0	0		
GLENN DALE BELL STN	80.6	56.6	68.6	1.9	91	5	44	24	22	137	1	0	0	0		
LAUREL 3 W	81.6	61.2	71.4	2.3	93	10	51	24	4	203	3	0	0	0		
MD SCI CTR BALTIMORE R	81.4	65.1	73.3		91	10	58	29+	2	258	3	0	0	0		
UPPER MARLBORO 3 NNW	80.8	58.9	69.9	2.7	90	5	48	24	11	165	1	0	0	0		
--DIVISIONAL DATA----->			71.2	2.7												
NORTHERN EASTERN SHORE 05																
CHESTERTOWN	83.2	56.4	69.8	1.0	93	4	47	29+	11	161	4	0	0	0		
--DIVISIONAL DATA----->			69.8	1.2												
NORTHERN CENTRAL 06																
ABERDEEN PHILLIPS FLD	82.3M	M	M		89	11+	50	24+			0	0	0	0		
CATOCTIN MOUNTAIN PARK	76.2	58.0	67.1	2.0	89	10	46	13	33	106	0	0	0	0		
CLARKSVILLE 3 NNE	80.8	55.9	68.4	1.7	92	10	43	24	16	127	2	0	0	0		
CONOWINGO DAM	84.8	58.8	71.8	4.1	99	10	51	14+	2	212	5	0	0	0		
DAMASCUS 3 SSW	77.1	58.0	67.6		89	10	47	24	32	115	0	0	0	0		
EMMITSBURG 2 SE	79.5	55.4	67.5	1.1	89	10	42	24	26	105	0	0	0	0		
MILLERS 4 NE	78.6	57.8	68.2	2.6	90	10	44	24	18	121	1	0	0	0		
ROCKVILLE 1 NE	79.9	59.8	69.9	3.4	90	9	48	24	10	162	1	0	0	0		
SMITHSBURG 2 NW	82.8	54.8	68.8		98	11	44	25	18	138	4	0	0	0		
--DIVISIONAL DATA----->			68.7	1.6												
APPALACHIAN MOUNTAIN 07																
CUMBERLAND 2	83.4	55.7	69.6	3.8	96	10	45	24+	22	167	8	0	0	0		
CUMBERLAND POLICE BRK	80.7	55.4	68.1		92	11	42	24	25	125	3	0	0	0		
FROSTBURG 2	73.8	52.4	63.1	2.8	87	11	44	25+	87	39	0	0	0	0		
HAGERSTOWN POLICE BRK	81.2	57.5	69.4		92	11	45	24	17	157	2	0	0	0		
SHARPSBURG 5 S	80.1	55.0	67.6		93	11	44	25+	30	115	3	0	0	0		
--DIVISIONAL DATA----->			67.6	2.4												
ALLEGHENY PLATEAU 08																
OAKLAND 1 SE	76.9	50.8	63.9	3.1	87	10	36	24+	75	49	0	0	0	0		
SAVAGE RIVER DAM	76.2	53.1	64.7	3.2	94	10	42	25+	67	65	2	0	0	0		
--DIVISIONAL DATA----->			64.3	3.7												
DELAWARE																
NORTHERN 01																
NEWARK UNIVERSITY FARM	84.4	57.2	70.8	3.1	92	13+	48	13	2	183	3	0	0	0		
WILMINGTON WSO ARPT R	79.5	59.1	69.3	1.6	90	9+	50	24	11	147	2	0	0	0		
WILMINGTON PORTER RSVR	78.1	60.5	69.3	2.5	88	10+	54	29+	11	147	0	0	0	0		
--DIVISIONAL DATA----->			69.8	2.1												
SOUTHERN 02																
DOVER	80.4	61.8	71.1	1.2	87	4	54	30+	0	190	0	0	0	0		
GREENWOOD 2 NE	80.3	59.4	69.9	3.0	89	5	49	13	3	153	0	0	0	0		
LEWES	79.9	64.6	72.3	2.1	89	5	53	12	0	224	0	0	0	0		
MILFORD 2 SE	80.7	60.5	70.6	2.9	89	5	52	13	1	177	0	0	0	0		

MONTHLY STATION AND DIVISION SUMMARY

STATION	PRECIPITATION (IN)									
	TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	ICE PELLETS, SNOW			NO. OF DAYS		
					TOTAL	MAX. DEPTH ON GROUND	DATE	.10 OR MORE	.50 OR MORE	1.00 OR MORE
MARYLAND										
SOUTHERN EASTERN SHORE 01										
ASSATEAGUE	M 2.37		.95	16	.0	0		5	2	0
PRINCESS ANNE	M 2.45		1.36	2	.0	0		3	1	1
SALISBURY	5.32	1.33	3.31	1	.0	0		5	2	1
SALISBURY POLICE BRKS	7.22		4.40	1	.0	0		5	3	2
SALISBURY FAA ARPT	8.74	5.01	8.01	1	M	M		3	1	1
SNOW HILL 4 N	15.66	11.91	14.31	1	.0	0		6	1	1
--DIVISIONAL DATA----->	9.24	5.83			.0					
CENTRAL EASTERN SHORE 02										
ROYAL OAK 2 SSW	5.37	1.38	3.97	1	.0	0		5	2	1
VIENNA	3.95	.43	2.00	1	.0	0		3	2	2
--DIVISIONAL DATA----->	4.66	1.15			.0					
LOWER SOUTHERN 03										
MECHANICSVILLE 5 NE	1.86	-2.52	.72	1	.0	0		5	2	0
OXON HILL	2.34		.78	27	.0	0		4	2	0
SOLOMONS	M 3.64		1.48	16	.0	0		6	2	2
--DIVISIONAL DATA----->	2.10	-1.57			.0					
UPPER SOUTHERN 04										
ANNAPOLIS POLICE BRKS	6.94	2.69	2.71	1	.0	0		5	3	2
BALTIMORE WSO ARPT R	3.17	-.81	1.62	26	.0	0		3	2	1
BELTSVILLE	4.01	-.34	1.38	27	.0	0		5	3	2
DALECARLIA RESERVOIR	3.39	-.91	1.40	1	.0	0		6	2	1
GLENN DALE BELL STN	3.88	-.15			.0	0		3	1	0
LAUREL 3 W	4.03	-.50	1.68	1	.0	0		5	2	2
MD SCI CTR BALTIMORE R	3.14		1.74	26	M	M		3	2	1
UPPER MARLBORO 3 NNW	2.09	-1.91	.91	27	.0	0		3	2	0
--DIVISIONAL DATA----->	3.83	.25			.0					
NORTHERN EASTERN SHORE 05										
CHESTERTOWN	4.22	-.08	2.76	1	.0	0		4	2	2
--DIVISIONAL DATA----->	4.22	.57			.0					
NORTHERN CENTRAL 06										
ABERDEEN PHILLIPS FLD	3.49	-.99	1.54	27	.0	0		3	1	1
CATOCTIN MOUNTAIN PARK	6.28	1.37	1.77	23	.0	0		9	5	3
CLARKSVILLE 3 NNE					.0	0				
CONOWINGO DAM	3.82	-1.10	1.87	27	.0	0		5	3	1
DAMASCUS 3 SSW	3.82		1.51	26	.0	0		6	2	2
EMMITSBURG 2 SE	4.75	.49	2.33	27	.0	0		7	3	1
MILLERS 4 NE	4.61	.47	1.30	27	.0	0		7	3	2
ROCKVILLE 1 NE	3.62	-.47	1.49	26	.0	0		5	3	2
SMITHSBURG 2 NW	5.08		2.10	27	.0	0		4	3	2
--DIVISIONAL DATA----->	4.43	.72			.0					
APPALACHIAN MOUNTAIN 07										
CUMBERLAND 2	3.43	.25	1.44	27	.0	0		5	2	2
CUMBERLAND POLICE BRK	3.91		1.42	23	.0	0		6	3	2
FROSTBURG 2	3.57	-.05	1.51	27	.0	0		6	3	1
HAGERSTOWN POLICE BRK	M 5.94		2.02	28	.0	0		6	5	2
SHARPSBURG 5 S	4.58		1.79	27	.0	0		6	3	2
--DIVISIONAL DATA----->	3.87	.67			.0					
ALLEGHENY PLATEAU 08										
OAKLAND 1 SE	3.96	.40	1.16	27	.0	0		7	3	1
SAVAGE RIVER DAM	2.89	-.59	1.37	27	M	.0		5	2	1
--DIVISIONAL DATA----->	3.43	.11			.0					
DELAWARE										
NORTHERN 01										
NEWARK UNIVERSITY FARM	M 2.36		1.74	27	.0	0		3	1	1
WILMINGTON WSO ARPT R	3.42	-.59	1.58	1	.0	M		3	2	2
WILMINGTON PORTER RSVR	3.63	-.32	1.45	26	.0	0		4	2	2
--DIVISIONAL DATA----->	3.53	-.09			.0					
SOUTHERN 02										
DOVER	5.81	1.25	2.03	1	.0	0		7	4	3
GREENWOOD 2 NE	9.40	5.29	5.00	1	.0	0		6	4	3
LEWES	7.82	4.05	5.10	1	.0	0		6	3	2
MILFORD 2 SE	8.93	4.85	4.05	2	.0	0		6	4	3

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													
--DIVISIONAL DATA----->			71.0	2.3													

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
--DIVISIONAL DATA----->	7.99	4.35			.0					

DAILY PRECIPITATION (INCHES)

STATION	TOTAL	DAY OF MONTH														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MARYLAND																
SOUTHERN EASTERN SHORE 01																
ASSATEAGUE	M 2.37	.55	-								.23					.01
PRINCESS ANNE	M 2.45	-	1.36											*	*	*
SALISBURY	5.32	3.31	.95								.06					.38
SALISBURY POLICE BRKS	7.22	4.40	1.50													.40
SALISBURY FAA ARPT	8.74	8.01									T				.01	.30
SNOW HILL 4 N	15.66	14.31	.31												.05	
CENTRAL EASTERN SHORE 02																
ROYAL OAK 2 SSW	5.37	3.97	.07													.24
VIENNA	3.95	2.00	.39													
LOWER SOUTHERN 03																
MECHANICSVILLE 5 NE	1.86	.72	.10								T				.02	.14
OXON HILL	2.34	.36	.74								T					.29
SOLOMONS	M 3.64	.32	1.04								T	.12			*	.08
UPPER SOUTHERN 04																
ANNAPOLIS POLICE BRKS	6.94	2.71	.60	.10												.40
BALTIMORE WSO ARPT R	3.17	.94			T										.05	.09
BELTSVILLE	4.01	1.33	.58													.06
DALECARLIA RESERVOIR	3.39	1.40														.14
GLENN DALE BELL STN	3.88	*	2.49													
LAUREL 3 W	4.03	1.68														.37
MD SCI CTR BALTIMORE R	3.14	.92													.02	.09
UPPER MARLBORO 3 NNW	2.09	.85	.07													
NORTHERN EASTERN SHORE 05																
CHESTERTOWN	4.22	2.76	.01		T											T
NORTHERN CENTRAL 06																
ABERDEEN PHILLIPS FLD	3.49	*	*	1.07	T											*
CATOCTIN MOUNTAIN PARK	6.28	.81	.03													
CLARKSVILLE 3 NNE	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CONOWINGO DAM	3.82	.72	.23													
DAMASCUS 3 SSW	3.82	.47														.10
EMMITSBURG 2 SE	4.75	.22														
MILLERS 4 NE	4.61	1.26	T													.22
POTOMAC FILTER PLANT	M 2.64	.10														.12
ROCKVILLE 1 NE	3.62	1.16														.16
SMITHSBURG 2 NW	5.08	*	.39													
APPALACHIAN MOUNTAIN 07																
CUMBERLAND 2	3.43		.10													.05
CUMBERLAND POLICE BRK	3.91	.05														.10
FROSTBURG 2	3.57	.03	.11	T												.01
HAGERSTOWN POLICE BRK	M 5.94	.53	-													T
SHARPSBURG 5 S	4.58	.08	.16													T
ALLEGHENY PLATEAU 08																
OAKLAND 1 SE	3.96															.20
SAVAGE RIVER DAM	2.89	.01	.02												.06	T
DELAWARE																
NORTHERN 01																
NEWARK UNIVERSITY FARM	M 2.36	-	-		.15											.06
WILMINGTON WSO ARPT R	3.42	1.58	T		T										.01	.08
WILMINGTON PORTER RSVR	3.63	1.38	.05													.18
SOUTHERN 02																
DOVER	5.81	2.03	1.41	.01												.02
GREENWOOD 2 NE	9.40	5.00	2.01													.14
LEWES	7.82	5.10	.63													.45
MILFORD 2 SE	8.93	2.12	4.05												*	.17

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											.43	.02	.18			
ASSATEAGUE	.95										.18	.17				
PRINCESS ANNE	.74										.25	.05	.07			
SALISBURY	.24	.01									.36	.04				
SALISBURY POLICE BRKS	.52										.27	.01	.06			
SALISBURY FAA ARPT	.08										.20	.15	.20			
SNOW HILL 4 N	.44															
CENTRAL EASTERN SHORE 02																
ROYAL OAK 2 SSW	.52	T							T		.45	.12				
VIENNA	1.00										*	.56				
LOWER SOUTHERN 03																
MECHANICSVILLE 5 NE	.23							.01			.57	.07				
OXON HILL	.07							.06			T	.78	.04			
SOLOMONS	1.48					-					.35	.25	-			
UPPER SOUTHERN 04																
ANNAPOLIS POLICE BRKS	.08										1.70	*	1.35			
BALTIMORE WSO ARPT R	.01							T	T		1.62	.46	T			
BELTSVILLE	.28							.08				1.38	.30			
DALECARLIA RESERVOIR	.03							.12			.45	.88	.36			.01
GLENN DALE BELL STN	.16								.03			.92				.28
LAUREL 3 W											1.52	.16				
MD SCI CTR BALTIMORE R											1.74	.37				
UPPER MARLBORO 3 NNW	.20	.02										.91	.04			
NORTHERN EASTERN SHORE 05																
CHESTERTOWN	.04								T		1.16	.10	.15			
NORTHERN CENTRAL 06																
ABERDEEN PHILLIPS FLD	.11					*	*	.06			.32	1.54	.39			
CATOCTIN MOUNTAIN PARK	.06			.16		.20	.14	1.77			1.17	1.10	.74			
CLARKSVILLE 3 NNE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CONOWINGO DAM	.23							.04			.02	1.87	.71			
DAMASCUS 3 SSW	T					.30	.35			T	1.51	1.00	.09			
EMMITSBURG 2 SE				.10		T	.25	.90	T		.45	2.33	.50			
MILLERS 4 NE	.08						.39	.41		T	.59	1.30	.36			
POTOMAC FILTER PLANT	-					.02	.26					1.58	.56			
ROCKVILLE 1 NE	.01						.02	.13			1.49	.65				
SMITHSBURG 2 NW	.07				.27		.05	1.57				2.10	.63			
APPALACHIAN MOUNTAIN 07																
CUMBERLAND 2	.21				.08		.08	1.00			.07	1.44	.40			
CUMBERLAND POLICE BRK				.25			.02	1.42			.70	1.22	.15			
FROSTBURG 2	.30			.04	.06		.02	.83			.10	1.51	.56			
HAGERSTOWN POLICE BRK	T			.28			.09	.92			.77	1.33	2.02			
SHARPSBURG 5 S	.13				.08		.54	1.33			.04	1.79	.43			
ALLEGHENY PLATEAU 08																
OAKLAND 1 SE	.07		T	.70		.09	.29	.42			.66	1.16	.31			
SAVAGE RIVER DAM	.34			T			.04	.45			.10	1.37	.56			
DELAWARE																
NORTHERN 01																
NEWARK UNIVERSITY FARM	.07										.02	1.74	.32			
WILMINGTON WSO ARPT R	.01									T	1.43	.30	.01			
WILMINGTON PORTER RSVR	.02										1.45	.49	.06			
SOUTHERN 02																
DOVER	1.02							.18			.32	.69	.13			
GREENWOOD 2 NE	1.27	.30						T			T	.62	.06			
LEWES	1.34										.20	.10				
MILFORD 2 SE	1.55	.10										.82	.12			

DAILY TEMPERATURES (°F)

STATION	OB. TIME	MAX/MIN	DAY OF MONTH														
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MARYLAND																	
SOUTHERN EASTERN SHORE 01	07	MAX	83	77	81	83	92	80	81	81	81	84	84	87	81	81	84
ASSATEAGUE		OBS				95	83							76			
		MIN	70	66	67	72	63	64	61	65	65	73	74	55	54	69	72
		OBS											65				
PRINCESS ANNE	17	MAX			83	91	91					87	88	85	81		
		MIN			59	69	60					49	68	69	48		
SALISBURY	17	MAX	77	77	83	90	90	90	80	82	86	86	83	83	81	82	80
		MIN	64	64	63	71	65	63	55	59	60	71	68	55	53	64	71
SALISBURY POLICE BRKS	17	MAX	76	76	86	90	90	84	80	82	85	87	86	79	83	85	82
		OBS										***	***	***			
		MIN	63	64	63	73	64	62	56	58	59	71	73	51	53	64	73
		OBS									***	***	***				
SALISBURY FAA ARPT	MID	MAX	76	79	88	91	83	77	79	81	85	85	84	75	80	81	80
		MIN	69	68	68	62	59	52	48	51	56	70	60	44	43	57	71
SNOW HILL 4 N	17	MAX	78	78	84	90	89	83	80	82	85	85	84	79	82	80	84
		MIN	69	64	61	69	61	58	50	55	54	69	69	47	46	55	72
CENTRAL EASTERN SHORE																	
ROYAL OAK 2 SSW	18	MAX	72	78	86	92	88	81	84	83	90	91	87	78	82	82	82
		MIN	64	65	61	73	65	60	55	59	58	60	69	62	55	68	73
VIENNA	18	MAX	75	77	82	92	92	85	85	85	89	88	86	80	81	78	77
		OBS															
		MIN	67	65	60	73	64	60	54	58	58	66	69	55	51	53	70
		OBS															56
LOWER SOUTHERN																	
MECHANICSVILLE 5 NE	19	MAX	70	73	82	88	82	76	78	79	83	85	81	75	79	81	77
		MIN	63	63	60	71	59	58	55	57	55	62	66	53	54	60	70
OXON HILL	08	MAX	75	66	76	89	92	86	80	82	86	89	91	81	80	85	83
		OBS															
		MIN	60	60	62	63	64	63	59	59	57	58	69	58	53	55	67
		OBS															
SOLOMONS	16	MAX	77	79	89	94	93	84	83	83	89	89	86	83	85	84	85
		OBS														***	
		MIN	65	64	63	75	66	65	62	65	64	69	70	60	53	63	68
		OBS				58								62	***		
UPPER SOUTHERN																	
ANNAPOLIS POLICE BRKS	17	MAX	75	77	82	90	89	80	80	80	88	89	89	79	81	80	80
		OBS															
		MIN	62	71	68	78	72	78	65	72	66	66	78	70	61	74	78
		OBS				79						70	74				
BALTIMORE WSO ARPT	MID	MAX	66	78	87	89	83	78	81	82	88	90	80	78	83	81	77
		MIN	60	60	58	68	60	59	55	55	54	60	60	51	50	58	71
BELTSVILLE	08	MAX	76	66	74	86	88	82	79	81	84	89	90	79	77	82	81
		MIN	60	60	59	62	65	61	56	58	54	59	65	52	50	55	61
DALECARLIA RESERVOIR	17	MAX	75	78	88	91	82	82	85	85	91	91	85	79	82	83	82
		OBS				80	80										
		MIN	59	63	62	69	65	60	57	57	56	62	60	52	52	64	67
GLENN DALE BELL STN	08	MAX	75	64	75	89	91	84	80	83	84	88	89	79	79	86	82
		MIN	59	59	57	60	57	55	54	55	52	57	63	50	48	51	60
LAUREL 3 W	MID	MAX	66	77	88	90	85	81	83	84	91	93	82	79	84	79	77
		MIN	59	61	61	70	64	61	58	60	59	66	65	54	58	63	69
MD SCI CTR BALTIMORE	MID	MAX	67	79	87	90	82	80	83	83	90	91	80	78	86	83	79
		MIN	61	64	64	75	69	63	64	64	62	71	67	61	60	65	72
UPPER MARLBORO 3 NNW	08	MAX	75	65	75	87	90	84	79	82	83	88	89	79	78	85	84
		MIN	60	60	58	61	62	57	55	57	54	57	67	53	50	55	65
		OBS															
NORTHERN EASTERN SHORE																	
CHESTERTOWN	23	MAX	67	79	87	93	87	82	84	86	90	92	84	81	85	82	80
		MIN	56	59	57	67	59	53	52	52	52	59	62	53	51	58	67
		OBS															
NORTHERN CENTRAL																	
ABERDEEN PHILLIPS FLD	16	MAX			83	89	89	81				88	89	89	79	82	
		MIN			60	71	58	60				53	63	73	50	50	
CATOCTIN MOUNTAIN PARK	17	MAX	69	67	84	83	79	76	78	80	87	89	82	75	82	78	78
		MIN	55	57	58	68	60	55	59	58	49	66	65	51	46	61	67
		OBS									61				56		
CLARKSVILLE 3 NNE	17	MAX	74	74	88	88	83	80	82	84	91	92	78	79	84	81	77
		OBS	64														
		MIN	59	57	54	64	56	54	52	51	49	57	63	50	45	54	71
CONOWINGO DAM	07	MAX	82	70	77	87	94	87	88	87	89	99	92	83	83	87	81
		MIN	60	56	57	60	62	60	55	55	56	54	64	60	51	51	62
		OBS		40	40												
DAMASCUS 3 SSW	22	MAX	62	72	85	86	80	76	80	80	87	89	75	75	82	79	74
		MIN	57	59	57	67	56	57	56	56	60	61	53	53	57	61	69

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	81	83	83	83	85	85	84	83	82	79	73	83	82	79	81		82.2
	69	61	62	61	71	70	71	67	64	64	68	70	66	67	64		66.2
PRINCESS ANNE	83	82	83	84	84			87	80	79	76	86			87		M
	45	60	56	53	56			56	55	58	62	65			49		M
SALISBURY	80	82	82	82	83	86	85	81	81	77	71	86	83	77	77		82.1
	71	64	61	60	60	67	63	71	58	59	65	67	68	59	55		63.1
SALISBURY POLICE BRKS	82	81	82	83	86	88	88	88	78	77	76	88	85	77	79		83.0
	72	64	61	60	62	68	62	62	59	59	64	64	68	58	55		62.8
SALISBURY FAA ARPT	79	80	82	80	82	86	84	76	77	76	69	85	79	74	76		80.3
	67	55	54	50	53	57	53	63	52	52	65	69	53	49	46		57.2
SNOW HILL 4 N	80	81	83	81	84	86	80	80	81	78	72	86	84	78	78		81.8
	69	62	56	53	56	59	56	66	57	55	65	67	67	55	50		59.7
CENTRAL EASTERN SHORE 02																	
ROYAL OAK 2 SSW	82	82	84	84	85	86	87	81	77	79	71	85	82	75	78		82.5
	72	63	62	64	67	71	67	71	56	56	63	63	67	54	55		63.3
VIENNA	84	84	85	80	84	85	87	87	81	77	74	85	84	78	79		82.9
	69	64	60	53	60	59	57	67	57	57	63	56	66	56	54		60.7
	54			62				55			***						***
LOWER SOUTHERN MECHANICSVILLE 5 NE 03																	
OXON HILL	81	79	81	79	82	84	84	74	75	73	68	82	80	73	73		78.6
	69	62	59	61	62	66	64	66	51	53	64	63	65	53	53		60.6
	79	85	83	84	82	85	87	89	77	79	76	65	83	78	78		81.7
	70	63	***	***	***	***	***	***	***	***	***	***	***	***	***		***
	61	64	63	66	67	64	52	54	58	60	61	56	58				60.8
SOLOMONS	82	87	87	82	86	90	88	78	82	78	77	83	85	85	79		84.4
	74	65	66	66	69	66	69	69	59	62	64	65	69	60	66		65.4
	63				***							***					***
UPPER SOUTHERN ANNAPOLIS POLICE BRKS 04																	
	83	82	83	81	82	85	84	83	80	79	80	83	80	79	76		82.0
	70	65	64	61	74	67	70	68	61	62	70	69	71	64	70		68.8
					63				77	78	56	***					***
BALTIMORE WSO ARPT	85	83	82	81	83	88	85	76	79	75	67	81	77	73	74		80.3
	70	58	58	61	66	65	68	56	48	51	59	59	58	52	54		58.7
BELTSVILLE	77	85	82	82	81	84	86	84	74	77	75	65	82	76	74		79.9
	70	61	59	62	64	64	68	64	48	53	59	59	60	55	56		59.3
DALECARLIA RESERVOIR	87	84	87	83	86	90	89	79	79	77	72	84	84	78	77		83.2
	67	60	60	66	67	66	70	65	49	51	61	59	58	54	56		60.5
GLENN DALE BELL STN	78	86	83	84	82	85	87	86	75	77	74	64	80	75	74		80.6
	70	58	57	60	63	62	65	65	44	45	52	59	59	50	51		56.6
LAUREL 3 W	86	83	84	82	85	88	84	78	77	79	70	82	80	77	75		81.6
	68	63	62	64	65	65	67	58	51	58	58	57	60	54	59		61.2
MD SCI CTR BALTIMORE	87	83	85	81	84	89	88	75	78	78	68	80	77	75	77		81.4
	71	69	67	70	69	68	71	63	58	62	60	59	65	58	61		65.1
UPPER MARLBORO 3 NNW	80	86	84	83	81	85	88	86	75	79	76	64	83	77	75		80.8
	70	61	58	61	64	65	67	66	48	50	61	60	62	51	52		58.9
											53						
NORTHERN EASTERN SHORE 05																	
CHESTERTOWN	88	87	86	85	87	92	89	79	84	76	66	84	75	79	81		83.2
	66	58	54	57	61	63	64	54	47	49	56	55	55	47	49		56.4
											35						
NORTHERN CENTRAL ABERDEEN PHILLIPS FLD 06																	
CATOCTIN MOUNTAIN PARK	84	84	83	81	84			74	78	78	75	82	82		75		82.3
	70	62	59	62	67			68	50	55	61	60			54		M
	79	78	78	75	81	75	73	72	71	72	64	72	72	69	69		76.2
	64	59	59	62	61	62	66	55	52	49	54	53	64	50	55		58.0
											52						
CLARKSVILLE 3 NNE	86	83	83	81	85	87	84	75	78	76	63	80	77	77	75		80.8
	64	58	56	61	62	62	67	49	43	49	58	57	54	48	52		55.9
CONOWINGO DAM	84	85	90	87	86	88	90	88	78	84	77	78	79	81	82		84.8
	70	66	60	62	60	66	64	69	53	54	56	54	59	54	54		58.8
DAMASCUS 3 SSW	80	80	80	78	82	81	80	70	73	72	63	77	72	71	71		77.1
	66	58	57	64	63	66	68	54	47	52	56	54	54	48	54		58.0

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	OBS															59	
		MAX	75	73	86	86	87	80	82	83	88	89	88	76	83	82	81	
		OBS																
MILLERS 4 NE	18	MIN	58	61	54	65	55	53	49	49	46	55	58	51	43	55	71	
		OBS				54												
		MAX	74	72	85	85	83	78	81	82	89	90	87	76	82	79	75	
ROCKVILLE 1 NE	MID	MIN	56	60	54	69	58	55	53	51	52	60	66	55	52	59	69	
		MAX	65	72	88	87	82	81	83	83	90	89	77	78	85	79	77	
		OBS									65	75						
SMITHSBURG 2 NW	08	MIN	59	61	57	69	62	59	55	55	54	63	63	54	49	64	71	
		OBS									63							
		MAX	82	67	76	92	90	82	84	87	88	94	98	80	83	88	86	
APPALACHIAN MOUNTAIN CUMBERLAND 2 07	18	MIN	54	60	56	58	54	53	52	50	50	60	47	47	47	60		
		OBS						68										
		MAX	75	79	93	90	88	85	87	90	93	96	92	81	90	87	81	
CUMBERLAND POLICE BRK	17	OBS				67	55	53	53	52	52	53	59	45	45	55	66	
		MIN	60	61	61	55							50					
		MAX	71	75	90	89	83	82	84	86	89	91	92	77	86	87	81	
FROSTBURG 2	07	OBS																
		MIN	59	60	59	66	53	53	50	51	50	50	59	48	43	53	65	
		MAX	74	60	71	84	78	77	78	81	83	85	87	68	73	83	77	
HAGERSTOWN POLICE BRK	17	OBS																
		MIN	53	56	57	57	52	52	53	52	52	51	54	45	44	46	57	
		MAX	75	71	87	88	89	80	82	84	89	91	92	78	85	85	82	
SHARPSBURG 5 S	07	MIN	55	55	56	68	56	59	54	55	50	59	61	52	47	60	69	
		OBS			***													
		MAX	79	64	71	90	89	83	81	84	85	90	93	77	79	86	85	
ALLEGHENY PLATEAU OAKLAND 1 SE 08	17	MIN	55	60	56	64	54	53	52	50	50	58	48	47	47	59		
		OBS				56												
		MAX	70	80	84	83	78	80	80	82	84	87	84	72	81	79	70	
SAVAGE RIVER DAM	08	MIN	58	52	55	67	44	49	48	49	42	43	55	37	36	48	62	
		MAX	73	67	70	86	83	80	80	80	83	94	91	72	74	82	79	
		OBS											101					
DELAWARE NORTHERN NEWARK UNIVERSITY FARM 01	17	MIN	55	58	60	60	52	53	50	50	49	50	51	47	43	51	63	
		OBS														43	54	
		MAX	76	84	86	89	87	89	89	85	87	92	89	79	92	90	86	
WILMINGTON WSO ARPT	MID	OBS																
		MIN	51	60	63	64	57	54	53	52	52	58	65	51	48	57	63	
		MAX	66	75	84	90	80	78	81	82	90	89	80	76	82	82	80	
WILMINGTON PORTER RSVR	MID	OBS																
		MIN	59	62	63	66	62	57	55	54	56	63	59	54	52	63	71	
		MAX	65	71	82	87	78	78	81	82	88	88	79	73	81	81	79	
SOUTHERN DOVER 02	16	MIN	58	61	62	71	65	59	57	57	58	66	62	54	57	62	70	
		OBS																
		MAX	74	70	84	87	86	80	78	80	84	86	84	76	82	82	80	
GREENWOOD 2 NE	07	OBS																
		MIN	61	62	62	72	62	60	58	57	58	64	73	57	54	60	73	
		MAX	74	73	74	84	89	83	80	79	81	85	83	81	77	81	81	
LEWES	17	OBS																
		MIN	63	63	62	71	59	58	52	54	55	57	69	51	49	50	72	
		MAX	72	73	84	87	89	79	78	78	82	82	82	76	83	82	79	
MILFORD 2 SE	07	OBS																
		MIN	68	66	66	72	71	67	57	57	57	71	70	53	56	64	72	
		MAX	76	72	73	84	89	83	79	80	81	86	84	81	76	81	82	
		OBS																
		MIN	60	64	63	71	62	61	53	55	56	58	70	54	52	58	71	
		OBS				63										***	***	55

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	83	82	81	81	84	83	78	71	74	73	69	68	74	74	70		79.5
	66	53	54	54	54	63	69	59	42	51	57	56	63	47	52		55.4
MILLERS 4 NE	82	80	80	78	81	77	79	75	74	72	67	75	75	72	72		78.6
	66	57	55	61	62	65	66	60	44	52	57	55	62	49	54		57.8
ROCKVILLE 1 NE	83	82	82	81	84	88	84	72	77	76	65	82	75	74	77		79.9
	68	62	60	66	67	67	69	56	48	54	58	57	59	53	54		59.8
SMITHSBURG 2 NW	78	86	87	87	83	89	82	81	76	80	77	64	80	78	78		82.8
	68	55	56	62	58	64	70	59	45	44	51	57	59	47	48		54.8
APPALACHIAN MOUNTAIN CUMBERLAND 2 07	84	86	86	82	90	85	80	75	78	74	69	79	72	74	80		83.4
	58	55	55	63	66	67	65	45	45	51	55	67	49	49	56		55.7
CUMBERLAND POLICE BRK	79	83	82	80	87	85	78	77	73	73	68	77	69	69	77		80.7
	64	56	53	65	62	65	67	53	42	48	53	65	59	47	53		55.4
FROSTBURG 2	69	73	78	79	74	83	72	74	66	71	65	53	67	63	67		73.8
	63	54	53	53	61	61	63	51	44	44	50	51	52	45	47		52.4
HAGERSTOWN POLICE BRK	82	83	83	85	86	85	77	78	75	75	69	77	77	73	74		81.2
	67	57	54	66	64	69	68	57	45	52	52	63	47	57			57.5
SHARPSBURG 5 S	76	84	84	86	82	87	79	77	72	77	74	62	78	75	75		80.1
	66	56	54	55	66	66	70	58	44	44	50	57	57	50	53		55.0
ALLEGHENY PLATEAU 08 OAKLAND 1 SE	73	75	79	80	82	79	78	66	71	70	62	81	69	71	77		76.9
	63	51	50	61	57	59	63	47	36	45	52	52	55	42	46		50.8
SAVAGE RIVER DAM	73	76	78	84	76	88	75	75	70	73	66	56	69	68	66		76.2
	***	90															
	63	55	53	53	63	63	64	52	42	42	47	53	54	48	48		53.1
DELAWARE NORTHERN 01 NEWARK UNIVERSITY FARM	86	83	81	82	89	86	87	83	80	77	76	82	81	77	82		84.4
	64	62	57	55	65	58	59	64	51	51	53	58	60	54	56		57.2
WILMINGTON WSO ARPT	84	82	81	78	81	85	83	75	78	75	66	80	75	73	73		79.5
	65	60	56	59	64	67	69	56	50	53	58	58	58	52	53		59.1
WILMINGTON PORTER RSVR	82	78	78	79	81	84	82	72	75	72	66	78	78	71	73		78.1
	66	62	61	60	62	62	67	62	54	56	57	57	60	54	55		60.5
SOUTHERN 02 DOVER	82	82	81	79	83	86	86	83	78	75	73	82	80	75	75		80.4
	70	62	60	60	60	70	62	67	86	86	56	58	60	60	64	59	83
GREENWOOD 2 NE	81	81	82	82	82	83	86	85	75	80	73	72	86	79	76		80.3
	71	61	58	57	57	61	62	63	54	54	58	64	69	55	52		59.4
LEWES	81	82	78	78	82	85	84	84	76	75	70	84	82	75	74		79.9
	70	69	62	60	62	69	64	70	65	61	66	66	67	64	56		64.6
MILFORD 2 SE	81	82	83	82	83	82	86	86	77	80	76	74	86	79	77		80.7
	70	63	58	58	57	***	62	61	70	58	56	57	64	65	56	53	***

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	-	84	37	29	58	56	*	*	80	24	29	*	142	*	*
		EVAP	-	4	12	17	31	26	*	*	56	21	24	*	54	*	*
		MAX	74	65	78	90	90	88	-	-	88	90	93	-	83	-	-
		MIN	59	60	62	62	63	62	-	-	58	59	64	-	52	-	-
UPPER MARLBORO	3 NNW	WIND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		EVAP	-	-	-	17	28	21	*	*	61	-	-	35	*	*	*
		MAX	76	67	79	91	92	90	89	88	90	89	95	84	85	85	83
		MIN	64	63	64	65	65	65	63	63	62	62	67	55	55	56	62

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	192	27	47	*	*	86	*	117	*	99	38	53	-	-	-		1382B
	34	13	34	*	*	32	*	30	*	38	13	-	-	-	-		5.27B
	84	88	87	-	-	86	-	89	-	81	74	64	-	-	-		M
	52	65	63	-	-	64	-	65	-	60	55	59	-	-	-		M
UPPER MARLBORO 3 NNW	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		M
	55	12	15	15	14	*	*	57	15	15	10	1	*	*	38		4.91B
	80	89	88	89	85	87	89	89	80	84	75	66	79	85	84		84.4
	70	66	63	63	64	65	66	67	53	53	56	61	61	57	57		61.8

Evaporation: Is measured in hundredths of inches

Wind: Is measured in miles

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

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	ANNAPOLIS POLICE BRKS
ASSATEAGUE	0335	01	WORCESTER	38 4	75 13W	10	07	07		H	NATIONAL RESOURCES MGMT
BALTIMORE WSO ARPT	0465	04	ANNE ARUNDEL	39 10	76 41W	148	MID	MID		C HJ	NATL WEATHER SERVICE
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	CMREC - CLARKSVILLE
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	07		H	TIMOTHY B THOMAS
CUMBERLAND POLICE BRK	2285	07	ALLEGANY	39 38	78 50W	970	17	17		H	MARYLAND STATE POLICE
DALECARLIA RESERVOIR	2325	04	DISTRICT OF	38 56	77 7W	150	17	17		H	U S CORPS OF ENGINEERS
DAMASCUS 3 SSW	2336	06	MONTGOMERY	39 16	77 14W	697	22	22		H	ROBERT J LEFFLER
EMMITSBURG 2 SE	2906	06	FREDERICK	39 41	77 17W	416	17	17		H	LUCILLE K BEALE
FREDERICK POLICE BRKS	3348	06	FREDERICK	39 25	77 26W	380	17	17		H	INACTIVE 07/01/2002
FROSTBURG 2	3415	07	ALLEGANY	39 40	78 56W	2168	07	07		H	KENNETH L CLOSE
GLENN DALE BELL STN	3675	04	PRINCE GEORG	38 58	76 48W	150	08	16		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	07		H	WA SUBURBAN SANITARY COM
MD SCI CTR BALTIMORE	5718	04	BALTIMORE (C	39 17	76 37W	20	MID	MID		C H	ASOS - NWS
MECHANICSVILLE 5 NE	5865	03	ST. MARY'S	38 28	76 42W	100	19	19		H	SANDRA J HASTINGS
MILLERS 4 NE	5934	06	CARROLL	39 43	76 48W	860	18	18		C H	BOBBY MILLER
NATIONAL ARBORETUM DC	6350	04	DISTRICT OF	38 55	76 58W	50	07	07		H	INACTIVE 11/28/2001
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	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											
DOVER	2730	02	KENT	39 16	75 31W	30	16	16		H	DEPT OF TRANSPORTATION
GREENWOOD 2 NE	3595	02	SUSSEX	38 49	75 35W	45	07	07		H	DANIEL M SWARTZENTRUBER
LEWES	5320	02	SUSSEX	38 47	75 8W	15	17	17		H	BOARD OF PUBLIC WORKS
MILFORD 2 SE	5915	02	SUSSEX	38 54	75 26W	35	07	07		H	JACK HALL
NEWARK UNIVERSITY FARM	6410	01	NEW CASTLE	39 40	75 45W	90	17	17	17	C H	UNIV OF DEL AGRIC FARM
WILMINGTON WSO ARPT	9595	01	NEW CASTLE	39 40	75 36W	74	MID	MID		C HJ	NATIONAL WEATHER SERVICE
WILMINGTON PORTER RSVR	9605	01	NEW CASTLE	39 46	75 32W	270	MID	07		H	WILMINGTON WATER DEPT

REFERENCE NOTES

DEFINITIONS

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

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

NORMALS: The average value of the meteorological element over a time period. Effective 1 January 1993, the averaging period is 1961 to 1990. The normals for National Weather Service localities have been adjusted so as to be representative for the current observation site.

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

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

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

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

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

SYMBOLS AND LETTERS USED IN THE STATION INDEX TABLE

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

VAR Observation time varies.

WI Rain gage read weekly or irregularly.

WM Rain gage read weekly and last day of the month.

SYMBOLS AND LETTERS USED IN THE DATA TABLES

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

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

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

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

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

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

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

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

// Rain gage equipped with a windshield.

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

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

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

R Amounts from recording rain gage.

T Trace. An amount too small to measure.

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

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

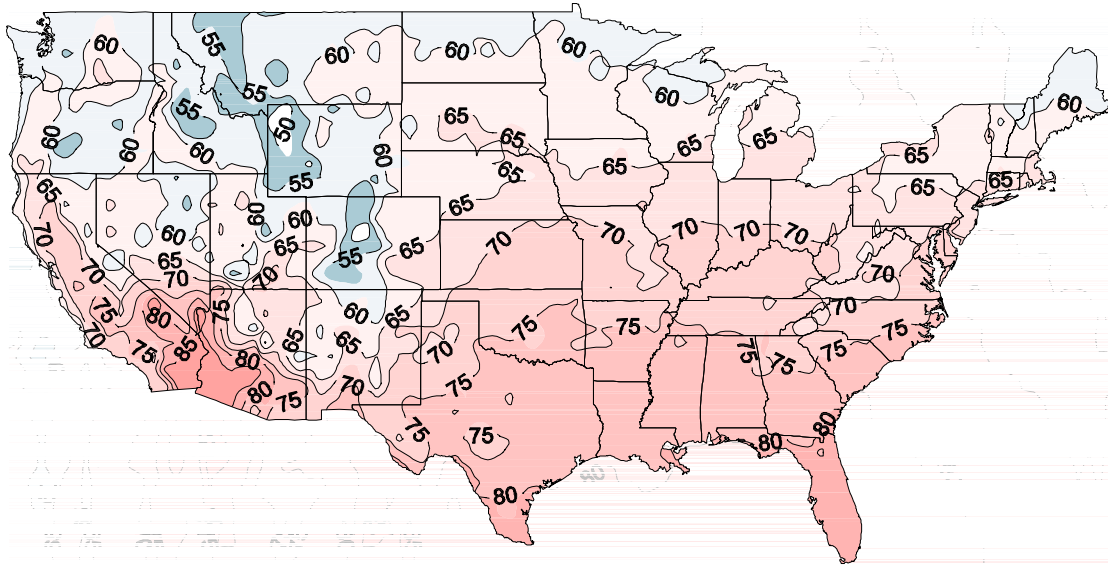
Information concerning the history of changes in locations, exposure, etc. of substations is kept on file at the National Climatic Data Center. Historical information of regular National Weather Service Offices may be obtained from the "Local Climatological Data" annual publication. The contents of this 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:

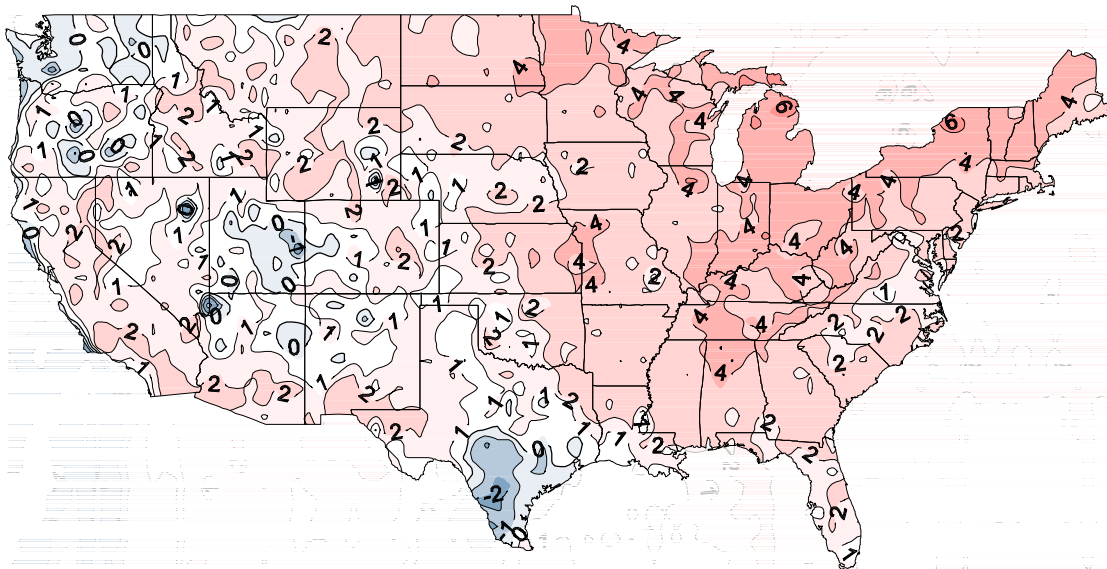
NCDC Subscription Services Center
310 State Route 956
Building 300
Rocket Center, WV 26726

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

Average Temperature (Degrees F)
September 2002

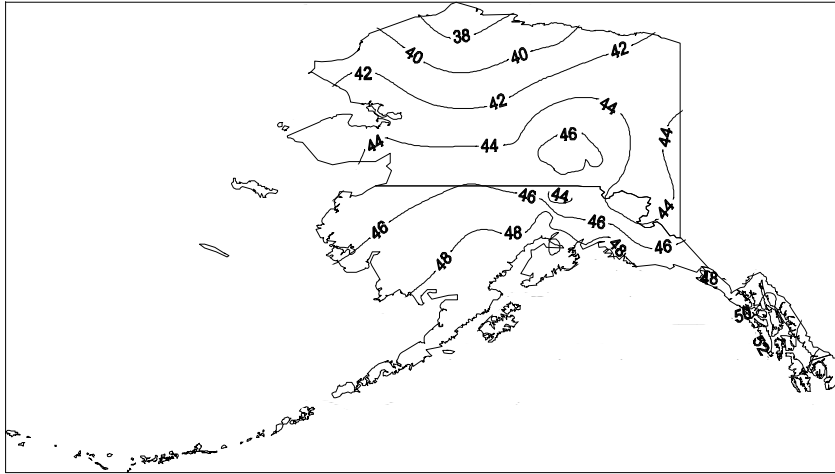


Departure of Average Temperature from Normal (Degrees F)
September 2002

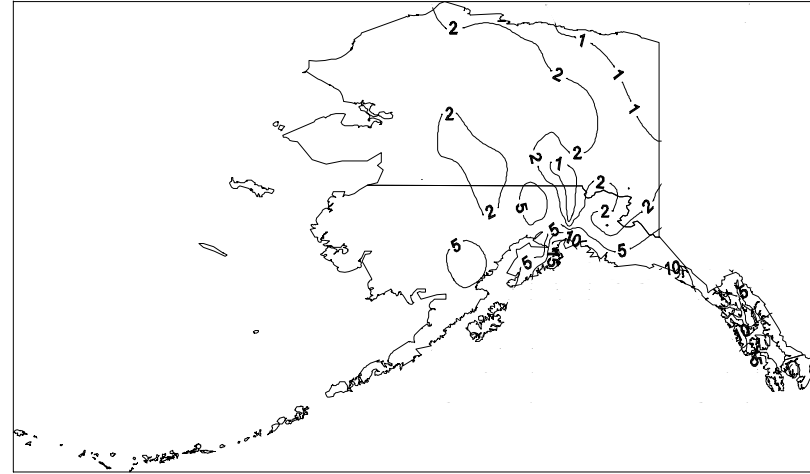


NOTE Contour maps are computer-generated and intended to show general temperature and precipitation patterns. Therefore, contours may not always account for individual datum points.

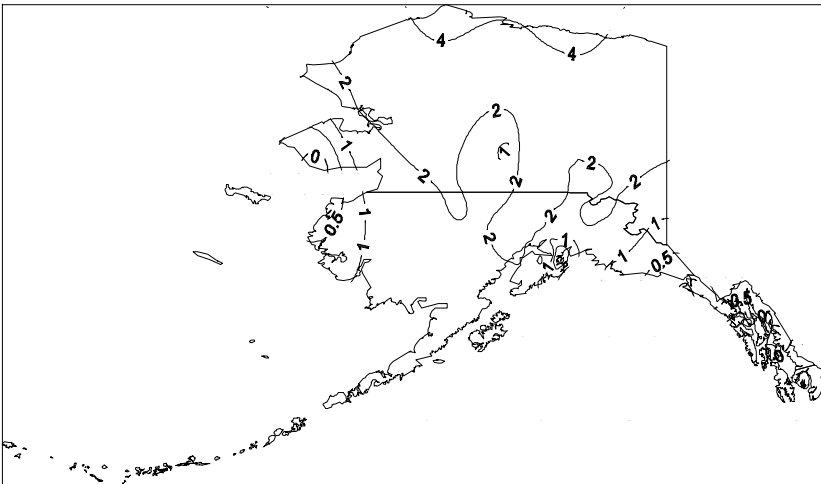
Average Temperature (Degrees F)
September 2002



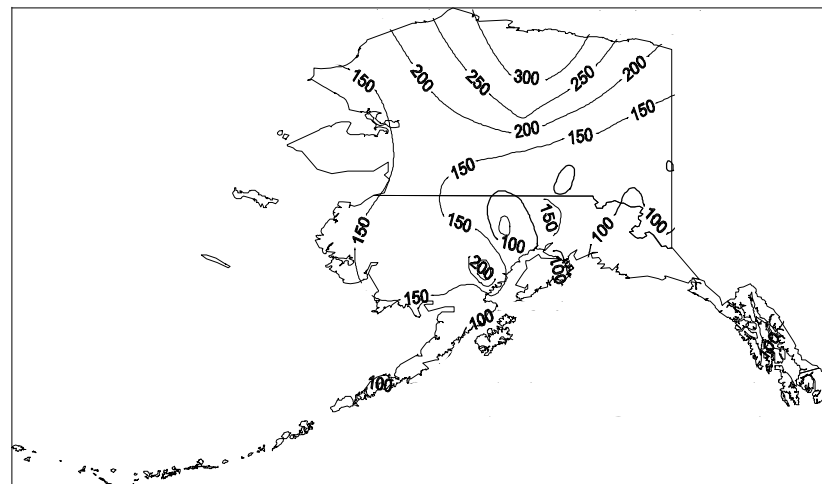
Alaska Precipitation (Inches)
September 2002



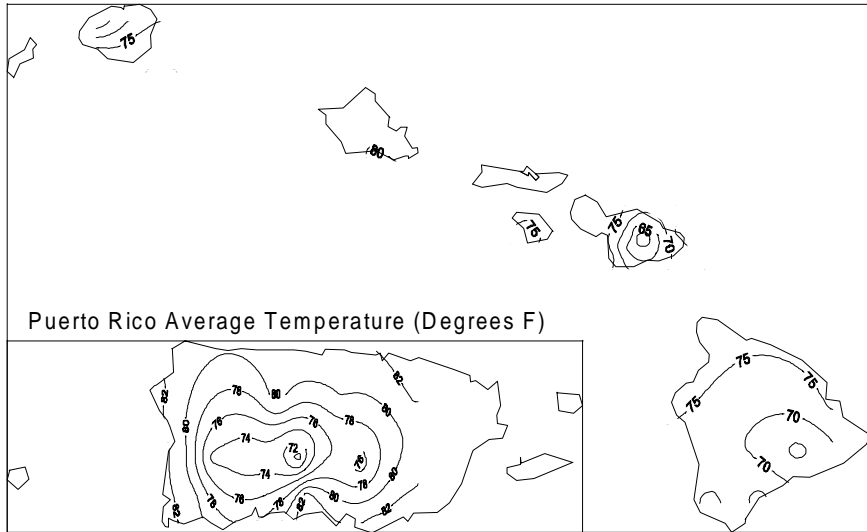
Departure of Average Temperature from Normal (Degrees F)
September 2002



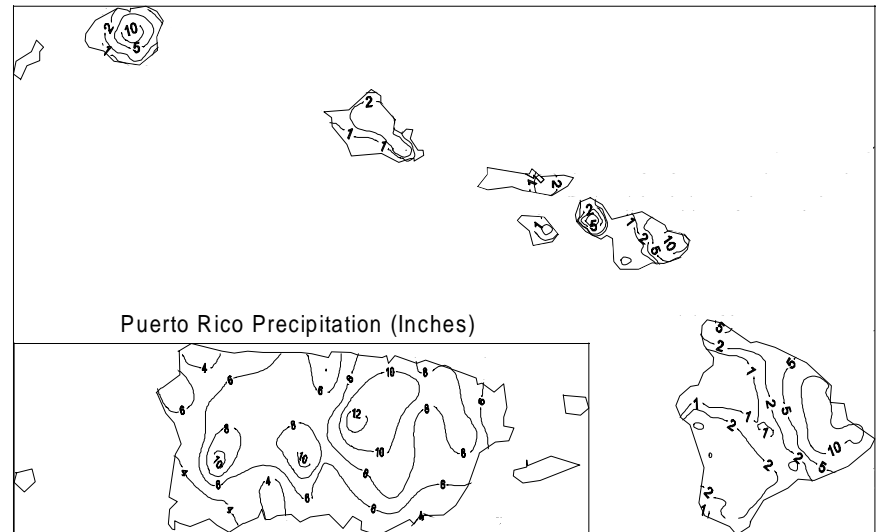
Percent of Normal Precipitation
September 2002



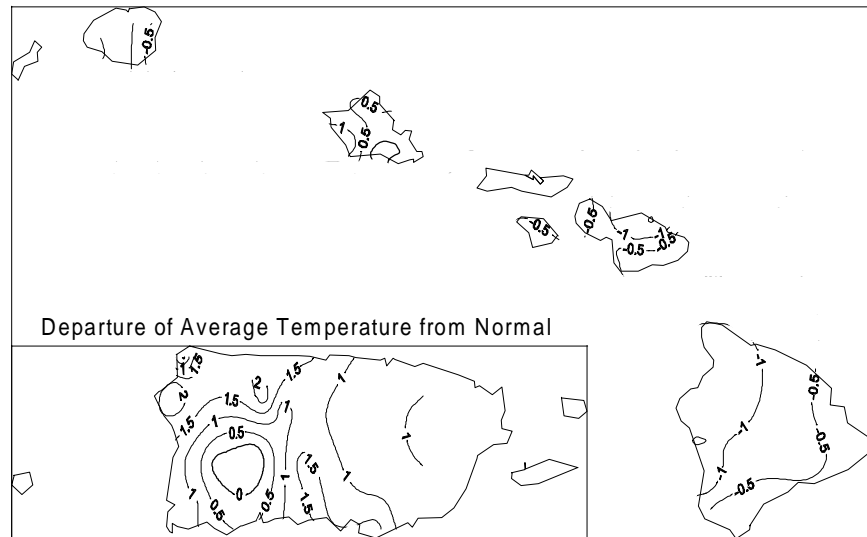
Hawaii Average Temperature (Degrees F)
September 2002



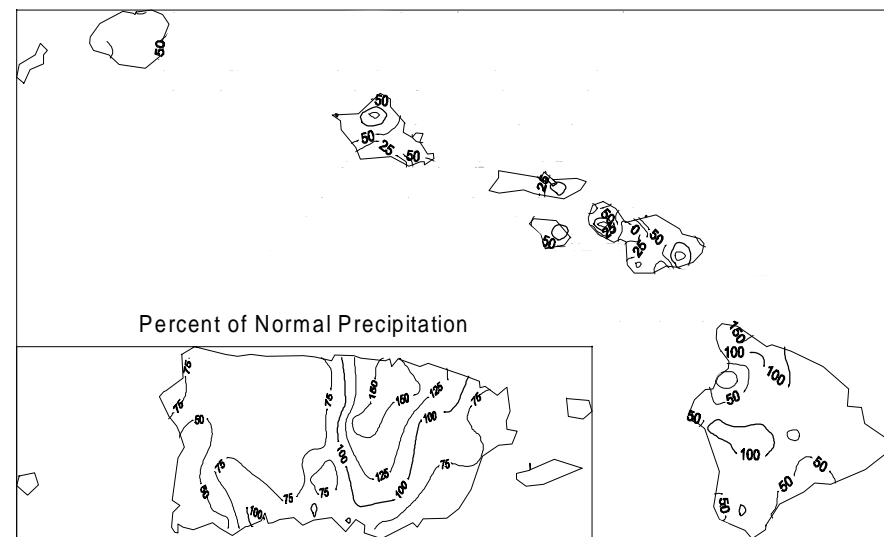
Hawaii Precipitation (Inches)
September 2002



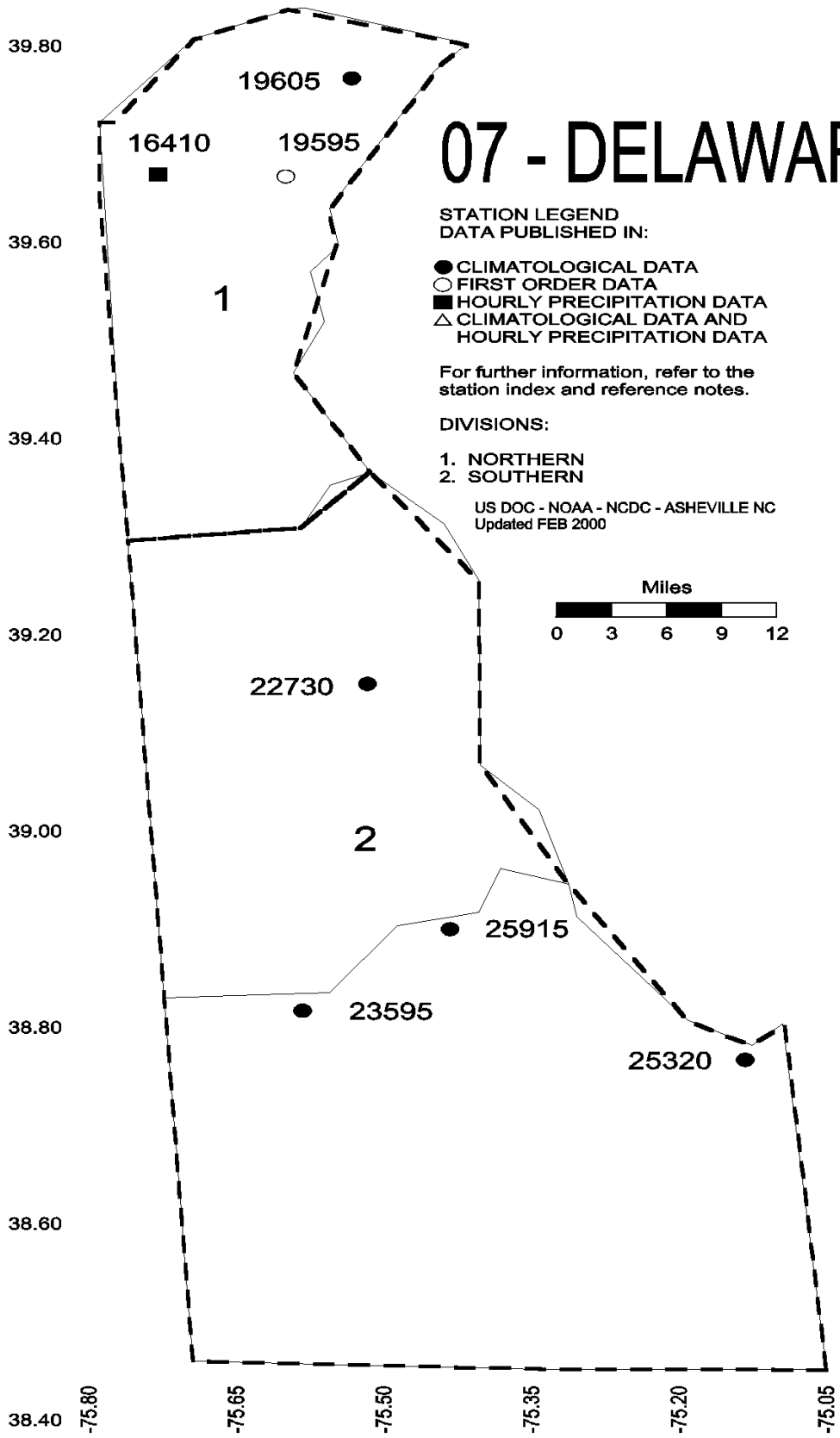
Departure of Average Temperature from Normal (Degrees F)
September 2002

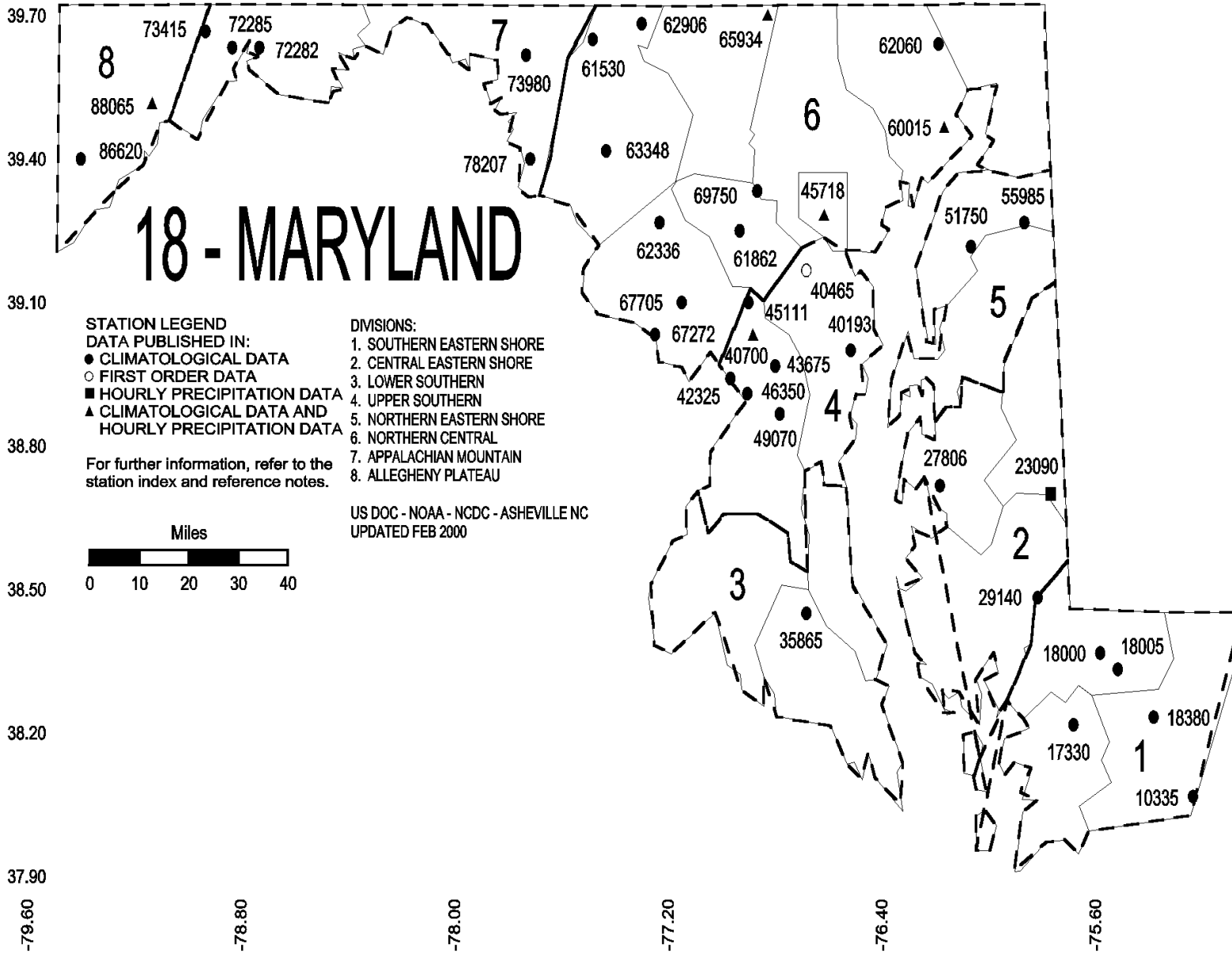


Hawaii Percent of Normal Precipitation
September 2002



07 - DELAWARE





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

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

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