

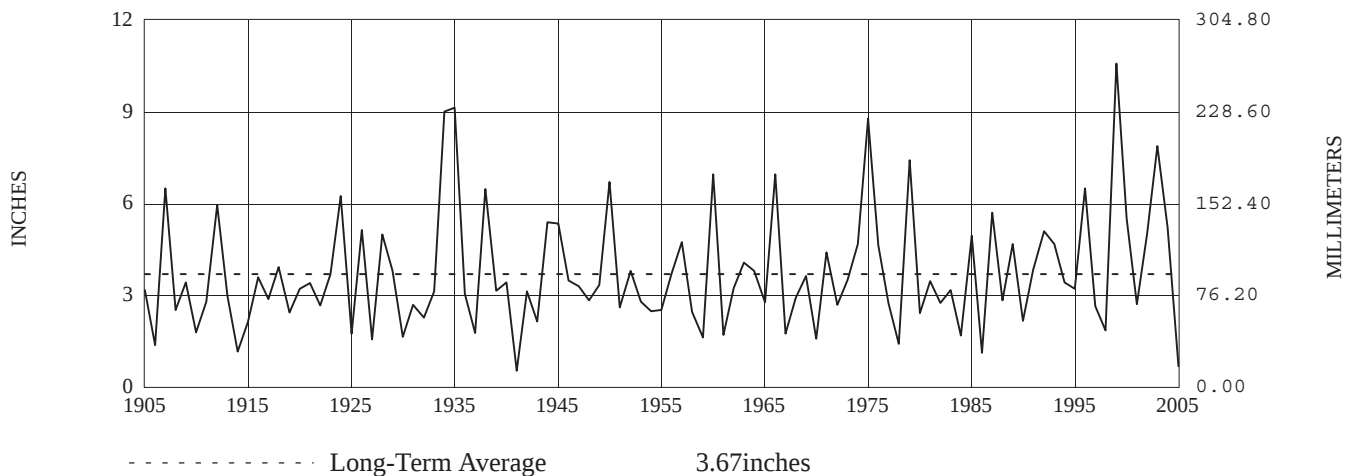
CLIMATOLOGICAL DATA

MARYLAND AND DELAWARE

SEPTEMBER 2005

VOLUME 109 NUMBER 09

ISSN 0145-0549



MARYLAND AND DELAWARE PRECIPITATION SEPTEMBER, 1905-2005

TEMPERATURE AND PRECIPITATION EXTREMES

MARYLAND

HIGHEST TEMPERATURE	98	SEPTEMBER 22	CUMBERLAND 2
LOWEST TEMPERATURE	33	SEPTEMBER 30	OAKLAND 1 SE
GREATEST TOTAL PRECIPITATION	2.79		CHESTERTOWN
LEAST TOTAL PRECIPITATION	.13		2 STATIONS
GREATEST 1 DAY PRECIPITATION	2.50	SEPTEMBER 15	CHESTERTOWN

"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 24+	2 STATIONS
LOWEST TEMPERATURE	39	SEPTEMBER 30	BEAR 2 SW
GREATEST TOTAL PRECIPITATION	3.09		BEAR 2 SW
LEAST TOTAL PRECIPITATION	.13		GREENWOOD 2NE
GREATEST 1 DAY PRECIPITATION	1.68	SEPTEMBER 15	BEAR 2 SW

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		84.1	65.6	74.9	4.6	93	1	55	14+	0	302	2	0	0	0	0
PRINCESS ANNE		M	M	M		91	26+	45	28			5	0	0	0	0
SALISBURY		84.8	63.6	74.2	4.2	91	23	48	30	5	288	4	0	0	0	0
SALISBURY POLICE BRKS		M	M	M		93	24	51	9			4	0	0	0	0
SALISBURY FAA AP		84.3	54.1	69.2	.1	92	23	37	30	8	145	2	0	0	0	0
SNOW HILL 4 N		86.5	59.1	72.8	3.2	95	23	43	30	8	249	7	0	0	0	0
--DIVISIONAL DATA----->				72.8	3.5											
CENTRAL EASTERN SHORE 02																
ROYAL OAK 2 SSW		85.4	62.4	73.9	3.2	92	23+	43	30	8	280	6	0	0	0	0
VIENNA		85.6	60.9	73.3	3.4	93	15	45	30	5	259	4	0	0	0	0
--DIVISIONAL DATA----->				73.6	4.4											
LOWER SOUTHERN 03																
MECHANICSVILLE 5 NE		81.0	58.6	69.8	1.5	89	24	43	30	12	164	0	0	0	0	0
SOLOMONS		85.6M	66.0M	75.8M		92	3	54	30	0	331	5	0	0	0	0
--DIVISIONAL DATA----->				72.8	4.7											
UPPER SOUTHERN 04																
ANNAPOLIS POLICE BRKS		83.7	66.9M	75.3M	7.0	90	18+	51	30	2	323	2	0	0	0	0
BALTIMORE WASH INTL AP R		83.5	60.5	72.0	4.6	93	23	41	30	12	227	2	0	0	0	0
BELTSVILLE		83.8	59.3	71.6	3.2	91	14	41	30	10	215	3	0	0	0	0
DALECARLIA RESERVOIR		85.9	62.7	74.3	5.0	94	24	48	30	1	288	6	0	0	0	0
GLENN DALE BELL STN		84.2	57.8	71.0	4.3	92	24	39	30	11	201	2	0	0	0	0
MD SCI CTR BALTIMORE R		85.4	66.9	76.2		92	23+	52	30	3	345	8	0	0	0	0
NATIONAL ARBORETUM DC		86.0	62.6	74.3	5.6	93	24+	45	30	4	289	6	0	0	0	0
OXON HILL		85.4	61.7	73.6		93	24	45	30	4	265	4	0	0	0	0
UPPER MARLBORO 3 NNW		84.9	58.8	71.9	4.7	92	24	41	30	8	222	5	0	0	0	0
--DIVISIONAL DATA----->				73.4	5.1											
NORTHERN EASTERN SHORE 05																
CHESTERTOWN		87.9	58.8	73.4	4.6	95	13+	40	29	13	272	13	0	0	0	0
--DIVISIONAL DATA----->				73.4	5.6											
NORTHERN CENTRAL 06																
ABERDEEN PHILLIPS FLD		84.0M	61.7M	72.9M	4.0	91	23+	41	30	14	254	2	0	0	0	0
CATOCTIN MOUNTAIN PARK		78.5	59.2	68.9	3.8	86	15+	43	30	19	141	0	0	0	0	0
CONOWINGO DAM		M	M	M												
CYLBURN		M	M	M		89	14	44	30			0	0	0	0	0
DAMASCUS 3 SSW		80.4	58.9	69.7		88	23+	39	30	18	166	0	0	0	0	0
EMMITSBURG 2 SE		M	M	M												
FREDERICK 2 NNE		83.8M	57.8M	70.8M		92	14	42	30	14	192	5	0	0	0	0
MILLERS 4 NE		82.1	57.9	70.0	4.4	90	13	37	30	17	176	1	0	0	0	0
PORT DEPOSIT 2 NE		84.6	58.6	71.6		93	14	43	30	7	215	4	0	0	0	0
ROCKVILLE 1 NE		81.4	61.6	71.5	5.0	88	23+	44	30	14	216	0	0	0	0	0
SMITHSBURG 2NW		81.6	56.3	69.0		90	14	37	30	16	141	1	0	0	0	0
--DIVISIONAL DATA----->				70.6	4.0											
APPALACHIAN MOUNTAIN 07																
CUMBERLAND 2		89.7	57.4	73.6	7.8	98	22+	39	30	8	275	16	0	0	0	0
CUMBERLAND POLICE BRK		81.9	55.2	68.6		90	17+	36	30	14	130	2	0	0	0	0
FROSTBURG 2		77.2	53.4	65.3	5.0	86	14	36	30	41	58	0	0	0	0	0
HAGERSTOWN POLICE BRK		84.1	58.7	71.4		90	16+	38	30	11	210	3	0	0	0	0
SHARPSBURG 5 S		83.6	53.9	68.8		91	16	36	30	21	141	3	0	0	0	0
WILLIAMSPORT		84.3	56.9	70.6		92	16+	41	30	13	188	5	0	0	0	0
--DIVISIONAL DATA----->				69.7	5.6											
ALLEGHENY PLATEAU 08																
OAKLAND 1 SE		77.6	47.1	62.4	1.6	85	15+	33	30	83	12	0	0	0	0	0
SAVAGE RIVER DAM		77.9	53.1	65.5	4.0	85	16	36	30	40	62	0	0	0	0	0
--DIVISIONAL DATA----->				64.0	3.5											
DELAWARE																
NORTHERN 01																
BEAR 2 SW		82.9	58.2	70.6		92	13	39	30	20	193	1	0	0	0	0
NEWARK UNIV FARM		84.7	61.6	73.2	5.5	91	23+	49	28	5	256	4	0	0	0	0
WILMINGTON NEW CASTLE R		83.3	60.3	71.8	4.1	91	23	42	30	15	228	2	0	0	0	0
WILMINGTON PORTER RSVR		80.7	63.0	71.9	5.1	90	13	48	30	9	223	1	0	0	0	0
--DIVISIONAL DATA----->				71.9	4.5											
SOUTHERN 02																

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	.40	-3.30	.33	17	.0	0		1	0	0
PRINCESS ANNE	.38	-3.54	.21	27	.0	0		1	0	0
SALISBURY	1.11	-2.88	.90	18	.0	0		2	1	0
SALISBURY POLICE BRKS	1.98		1.00	18	.0	0		4	2	1
SALISBURY FAA AP	.36	-3.37	.23	17	.0	0		2	0	0
SNOW HILL 4 N	.35	-3.40	.20	27	.0	0		1	0	0
--DIVISIONAL DATA----->	.76	-3.00			.0					
CENTRAL EASTERN SHORE 02										
ROYAL OAK 2 SSW	.34	-3.65	.15	15	.0	0		2	0	0
VIENNA	1.19	-2.33	.71	21	.0	0		3	1	0
--DIVISIONAL DATA----->	.77	-3.05			.0					
LOWER SOUTHERN 03										
MECHANICSVILLE 5 NE	.13	-4.25	.13	27	.0	0		1	0	0
SOLOMONS	.39				.0	0		0	0	0
--DIVISIONAL DATA----->	.26	-3.91			.0					
UPPER SOUTHERN 04										
ANNAPOLIS POLICE BRKS	M .00		.00	30+	.0	0		0	0	0
BALTIMORE WASH INTL AP R	.67	-3.31	.32	15	.0	0		3	0	0
BELTSVILLE	M .19		.19	27	.0	0		1	0	0
DALECARLIA RESERVOIR	.76	-3.54	.60	15	.0	0		2	1	0
GLENN DALE BELL STN	.25	-3.78	.16	27	.0	0		1	0	0
MD SCI CTR BALTIMORE R	.29		.14	26	M	M		2	0	0
NATIONAL ARBORETUM DC	.13	-3.95	.10	27	.0	0		1	0	0
OXON HILL	M .09		.08	18	.0	0		0	0	0
UPPER MARLBORO 3 NNW	.53	-3.47	.44	18	.0	0		1	0	0
--DIVISIONAL DATA----->	.44	-3.74			.0					
NORTHERN EASTERN SHORE 05										
CHESTERTOWN	2.79	-1.51	2.50	15	.0	0		2	1	1
--DIVISIONAL DATA----->	2.79	-1.49			.0					
NORTHERN CENTRAL 06										
ABERDEEN PHILLIPS FLD	1.10	-3.38	.77	15	.0	0		2	1	0
CATOCTIN MOUNTAIN PARK	.29	-4.62	.14	26	.0	0		2	0	0
CONOWINGO DAM					M	M				
CYLBURN	.23		.15	27	.0	0		1	0	0
DAMASCUS 3 SSW	.36		.23	26	.0	0		1	0	0
EMMITSBURG 2 SE					.0	0				
FREDERICK 2 NNE	M .04		.02	25+	.0	0		0	0	0
MILLERS 4 NE	.33	-3.81	.12	17	.0	0		2	0	0
PORT DEPOSIT 2 NE	.38		.21	27	.0	0		2	0	0
ROCKVILLE 1 NE	.42	-3.67	.27	14	.0	0		2	0	0
SMITHSBURG 2NW	.19		.10	30	.0	0		1	0	0
--DIVISIONAL DATA----->	.41	-3.92			.0					
APPALACHIAN MOUNTAIN 07										
CUMBERLAND 2	.35	-2.83	.20	30	.0	0		2	0	0
CUMBERLAND POLICE BRK	M .12		.12	27	.0	0		1	0	0
FROSTBURG 2	.36	-3.26	.15	30	.0	0		2	0	0
HAGERSTOWN POLICE BRK	M .00		.00	30+	.0	0		0	0	0
SHARPSBURG 5 S	.26		.10	16	.0	0		1	0	0
WILLIAMSPORT	M .03		.02	27	.0	0		0	0	0
--DIVISIONAL DATA----->	.32	-3.17			.0					
ALLEGHENY PLATEAU 08										
OAKLAND 1 SE	1.43	-2.13	.40	29	.0	0		4	0	0
SAVAGE RIVER DAM	.31	-3.17	.11	1	.0	0		1	0	0
--DIVISIONAL DATA----->	.87	-2.73			.0					
DELAWARE										
NORTHERN 01										
BEAR 2 SW	3.09		1.68	15	.0	0		3	2	2
NEWARK UNIV FARM	.74	-3.54	.30	27	.0	0		3	0	0
WILMINGTON NEW CASTLE R	.44	-3.57	.24	15	.0	0		2	0	0
WILMINGTON PORTER RSVR	.95	-3.00	.29	15	.0	0		4	0	0
--DIVISIONAL DATA----->	1.31	-3.01			.0					
SOUTHERN 02										

MONTHLY STATION AND DIVISION SUMMARY

SEPTEMBER 2009

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
DOVER	82.9	63.7	73.3	3.4	89	13	45	30	8	265	0	0	0	0
GREENWOOD 2NE	84.3	58.4	71.4	4.5	92	24	43	30	5	202	3	0	0	0
LEWES	82.8	65.3	74.1	3.9	89	23	56	28+	1	281	0	0	0	0
SMYRNA 1 W	M	M	M											
--DIVISIONAL DATA----->			72.9	4.6										

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
DOVER	.26	-4.30	.10	21	.0	0		1	0	0
GREENWOOD 2NE	.13	-3.98	.13	27	.0	0		1	0	0
LEWES	.64	-3.13	.22	21	.0	0		3	0	0
SMYRNA 1 W					M	M				
--DIVISIONAL DATA----->	.34	-3.81			.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	.40															
PRINCESS ANNE	.38															
SALISBURY	1.11														T	
SALISBURY POLICE BRKS	1.98													*	.10	
SALISBURY FAA AP	.36					T									T	
SNOW HILL 4 N	.35															
CENTRAL EASTERN SHORE 02																
ROYAL OAK 2 SSW	.34														.09	.15
VIENNA	1.19															
LOWER SOUTHERN 03																
MECHANICSVILLE 5 NE	.13	T														T
SOLOMONS	.39															
UPPER SOUTHERN 04																
ANNAPOLIS POLICE BRKS	M .00														-	-
BALTIMORE WASH INTL AP R	.67														.23	.32
BELTSVILLE	M .19															-
DALECARLIA RESERVOIR	.76															.60
GLENN DALE BELL STN	.25															.09
LAUREL 3 W	.20															
MD SCI CTR BALTIMORE R	.29														.02	.11
NATIONAL ARBORETUM DC	.13															.02
OXON HILL	M .09															T
UPPER MARLBORO 3 NNW	.53															
NORTHERN EASTERN SHORE 05																
CHESTERTOWN	2.79														.07	2.50
NORTHERN CENTRAL 06																
ABERDEEN PHILLIPS FLD	1.10														.04	.77
CATOCTIN MOUNTAIN PARK	.29															
CONOWINGO DAM	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CYLBURN	.23															.03
DAMASCUS 3 SSW	.36														.09	
EMMITSBURG 2 SE	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FREDERICK 2 NNE	M .04															.02
MILLERS 4 NE	.33															T
PORT DEPOSIT 2 NE	.38															.17
POTOMAC FILTER PLANT	.58														.28	
ROCKVILLE 1 NE	.42														.27	
SMITHSBURG 2NW	.19															
APPALACHIAN MOUNTAIN 07																
CUMBERLAND 2	.35										.02					
CUMBERLAND POLICE BRK	M .12															
FROSTBURG 2	.36	.04														
HAGERSTOWN POLICE BRK	M .00															
SHARPSBURG 5 S	.26	T														
WILLIAMSPORT	M .03															
ALLEGHENY PLATEAU 08																
OAKLAND 1 SE	1.43	.24				.01										.01
SAVAGE RIVER DAM	.31	.11														
DELAWARE																
NORTHERN 01																
BEAR 2 SW	3.09														1.17	1.68
NEWARK UNIV FARM	.74														.12	.26
WILMINGTON NEW CASTLE R	.44														T	.24
WILMINGTON PORTER RSVR	.95														.26	.29
SOUTHERN 02																
DOVER	.26														.02	.03
GREENWOOD 2NE	.13															
LEWES	.64														.18	
SMYRNA 1 W	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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		.33									.07					
PRINCESS ANNE	*	*	*	.17								.21				
SALISBURY			.90			T						.21				
SALISBURY POLICE BRKS			1.00			.18						.20		.50		
SALISBURY FAA AP		.23			T						.13			T		
SNOW HILL 4 N				.08			.07					.20				
CENTRAL EASTERN SHORE 02																
ROYAL OAK 2 SSW												.10		T		
VIENNA			.30			.71						.18				
LOWER SOUTHERN 03																
MECHANICSVILLE 5 NE									T	T		.13			T	
SOLOMONS					.04	.03			*	.24		.08				
UPPER SOUTHERN 04																
ANNAPOLIS POLICE BRKS												-				
BALTIMORE WASH INTL AP R		T							T		.11			.01		
BELTSVILLE												.19				
DALECARLIA RESERVOIR									.02	.01		.13				
GLENN DALE BELL STN												.16				
LAUREL 3 W											.20					
MD SCI CTR BALTIMORE R											.14			.02		
NATIONAL ARBORETUM DC									.01			.10			T	
OXON HILL		T	.08									-			.01	
UPPER MARLBORO 3 NNW	T		.44							T	T	.09			T	
NORTHERN EASTERN SHORE 05																
CHESTERTOWN		.02									.18		.02			
NORTHERN CENTRAL 06																
ABERDEEN PHILLIPS FLD											T	.27		.02		
CATOCTIN MOUNTAIN PARK	.01									.01	.14	.03		.10		
CONOWINGO DAM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CYLBURN		.05										.15				
DAMASCUS 3 SSW									T		.23			.04		
EMMITSBURG 2 SE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FREDERICK 2 NNE										.02						
MILLERS 4 NE		.12									.11	.08		.02		
PORT DEPOSIT 2 NE												.21				
POTOMAC FILTER PLANT									.01		.18	.02		.09		
ROCKVILLE 1 NE	T										.15					
SMITHSBURG 2NW												.09			.10	
APPALACHIAN																
MOUNTAIN 07																
CUMBERLAND 2												.13			.20	
CUMBERLAND POLICE BRK		T										.12			-	
FROSTBURG 2									T			.14		.03	.15	
HAGERSTOWN POLICE BRK																
SHARPSBURG 5 S	.10	.05								T	-	.02			.09	
WILLIAMSPORT		.01										.02			-	
ALLEGHENY PLATEAU 08																
OAKLAND 1 SE				.05					.36			.36		.40		
SAVAGE RIVER DAM												.06		.05	.09	
DELAWARE																
NORTHERN 01																
BEAR 2 SW			.01								.21			.02		
NEWARK UNIV FARM												.30		.06		
WILMINGTON NEW CASTLE R		T									.19			.01		
WILMINGTON PORTER RSVR		.13									.19			.08		
SOUTHERN 02																
DOVER						.10						.09		.02		
GREENWOOD 2NE												.13				
LEWES			.14			.22						.09		.01		
SMYRNA 1 W	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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	93	89	91	82	82	82	80	81	81	86	83	81	83	87	87
		MIN	75	71	71	61	65	67	69	66	63	62	61	56	55	55	75
		OBS											71	69			
PRINCESS ANNE	17	MAX							89	84	88					90	91
		MIN							57	51	53					55	72
SALISBURY	17	MAX	84	89	88	85	84	80	82	85	87	84	82	86	90	88	88
		MIN	69	68	66	62	62	60	58	58	62	63	59	55	58	72	72
SALISBURY POLICE BRKS	17	MAX	88		90				83	85	87		87	87		91	
		MIN	69		66				58	52	51		57	54		58	
SALISBURY FAA AP	MID	MAX	86	88	84	84	82	79	81	85		82	81	86	88	87	88
		OBS															
		MIN	59	59	55	51	52	52	50	52	51	52	48	45	47	66	73
SNOW HILL 4 N	17	MAX	89	90	88	86	84	81	82	86	89	85	81	87	89	90	87
		MIN	65	61	62	55	56	55	55	55	55	57	53	48	49	68	67
		OBS														51	
CENTRAL EASTERN SHORE 02																	
ROYAL OAK 2 SSW	18	MAX	90	91	88	86	86	83	84	85	87	85	83	84	89	86	92
		MIN	68	64	62	60	58	55	52	54	58	61	57	56	59	72	74
VIENNA	18	MAX	88	89	86	82	84	81	83	85	88	86	85	84	89	88	93
		OBS															
		MIN	66	64	64	60	58	56	55	56	58	61	57	53	51	68	70
		OBS												64			
LOWER SOUTHERN 03																	
MECHANICSVILLE 5 NE	07	MAX	86	82	85	81	80	80	77	76	79	82	80	75	81	84	84
		MIN	66	63	60	58	58	57	54	53	54	57	54	55	55	56	68
SOLOMONS	08	MAX	91	90	92	84		85	81	83	82		89	81		85	84
		MIN	70	69	67	65		65	62	64	65		64	62		65	76
UPPER SOUTHERN 04																	
ANNAPOLIS POLICE BRKS	17	MAX	87	84	83	90	80	83	80	84	86	86	81	85	88	86	87
		OBS							***								
		MIN	78	69	62	64	67	56		60	70	66	65	61	62	72	68
BALTIMORE WASH INTL AP	MID	MAX	85	88	82	84	83	81	81	86	85	83	82	88	90	84	88
		MIN	65	65	58	60	61	57	54	52	58	62	56	57	58	69	73
BELTSVILLE	08	MAX	86	84	89	81	82	82	79	81	87	85	83	83	89	91	87
		MIN	66	61	59	62	62	59	53	51	56	61	56	56	56	60	72
DALECARLIA RESERVOIR	08	MAX	90	87	90	85	85	86	83	85	87	88	86	86	88	83	83
		MIN	63	67	67	62	63	64	62	60	57	64	60	61	60	72	74
GLENN DALE BELL STN	08	MAX	87	85	89	82	84	83	80	80	86	86	83	82	87	89	86
		OBS	85	89	82	84	83	80	80	86	86	83	82	87	89	86	90
		MIN	62	59	57	55	57	56	51	49	55	60	54	53	55	67	70
MD SCI CTR BALTIMORE	MID	MAX	86	90	82	85	86	84	84	88	86	86	85	91	92	86	92
		MIN	69	69	69	66	65	66	64	62	67	68	66	66	68	73	74
NATIONAL ARBORETUM DC	07	MAX	87	88	91	85	85	85	82	83	88	87	86	86	89	93	88
		MIN	69	65	65	60	62	61	56	55	61	65	61	60	61	65	74
OXON HILL	08	MAX	89	87	91	83	85	83	80	81	88	87	84	83	89	92	88
		OBS															
		MIN	69	64	63	62	63	61	56	56	57	61	59	59	59	59	72
UPPER MARLBORO 3 NNW	08	MAX	87	86	90	83	83	83	80	81	86	87	85	82	88	89	88
		MIN	65	61	60	57	57	57	53	52	55	60	56	55	56	58	72
NORTHERN EASTERN SHORE 05																	
CHESTERTOWN	07	MAX	91	95	89	89	88	84	88	90	89	90	90	92	95	88	92
		OBS															
		MIN	67	70	70	58	50	56	52	53	56	57	57	56	57	67	69
		OBS															
NORTHERN CENTRAL 06																	
ABERDEEN PHILLIPS FLD	12	MAX	85	88				81	80	85	85			87	91	89	88
		MIN	66	62				57	55	53	59			59	60	69	75
CATOCTIN MOUNTAIN PARK	17	MAX	78	83	76	77	77	76	78	80	79	77	80	85	86	81	86
		OBS															
		MIN	62	62	58	57	57	57	54	58	63	60	55	58	64	66	67
CONOWINGO DAM	07	MAX															
		MIN															
CYLBURN	08	MAX	87	83	87			82	79	80	85	83			87	89	84
		MIN	66	65	61			58	57	53	54	60			57	60	72
DAMASCUS 3 SSW	22	MAX	82	86	79	80	81	78	79	83	81	79	81	85	86	88	85
		MIN	62	59	58	56	57	55	54	53	58	62	59	59	57	66	70
EMMITSBURG 2 SE	17	MAX															
		MIN															
FREDERICK 2 NNE	07	MAX		84				83	82		85	84	83	85	90	92	85
		MIN		61				57	54		51	58	56	57	56	56	67
MILLERS 4 NE	18	MAX	82	85	83	81	82	81	82	84	83	82	82	88	90	86	89
		MIN	63	60	60	57	55	55	53	50	57	58	53	55	57	61	68

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		87 75	85 73	87 69	83 66	88 66	84 72	82 59	84 57	88 71	76 69	83 69	83 71	83 60	81 59	81 60	84.1 65.6	
PRINCESS ANNE				91 60	89 65	86 63	87 49	91 64			91 55	86 61	82 45	81 55			M M	
SALISBURY		89 71	90 72	87 68	87 65	82 69	84 67	91 58	90 70	80 59	85 66	83 67	80 54	79 62	71 48	84.8 63.6		
SALISBURY POLICE BRKS			92 73	89 68	88 64	87 70	87 66		93 57	82 59	87 66	84 66	80 54	81 63			M M	
SALISBURY FAA AP		87	91	86	88	85	83	85	92	74	80	86	79	80	81	85 70	84.3	
SNOW HILL 4 N		69 89 75	64 89 74	57 94 67	55 91 66	60 91 58	51 89 61	47 85 52	64 95 63	55 93 72	52 82 55	57 87 57	46 81 65	45 80 48	53 82 57	37 72 43	54.1 86.5 59.1	
CENTRAL EASTERN SHORE																		
ROYAL OAK 2 SSW	02	92 71	90 71	86 66	87 63	86 73	83 64	86 58	92 72	86 67	82 63	84 70	80 67	79 49	77 65	73 43	85.4 62.4	
VIENNA		90	92	87	89	89	87	85	92	88 80	82 ***	81 81	81 80	80 79	79 75		85.6	
		71	71	65	62	63	64	56	68	68	61 ***	58	63	51	63	45	60.9	
LOWER SOUTHERN MECHANICSVILLE 5 NE																		
	03	85 69	85 69	86 65	86 59	83 60	87 62	79 53	83 57	89 68	71 64	77 63	82 61	76 48	75 48	75 43	81.0 58.6	
SOLOMONS		88 74			91 67	87 71	91 67	85 64	89 69		89 69	79 70	87 65	84 58	78 62	80 54	85.6 66.0	
UPPER SOUTHERN	04																	
ANNAPOLIS POLICE BRKS		88	88	90	88	89	80	80	80	87 73	75	84 ***	84 ***	78 ***	74	75	83.7	
BALTIMORE WASH INTL AP		76 87 73	71 89 69	70 84 63	79 88 60	79 89 69	67 85 60	68 87 53	61 93 69	66 73 67	68 77 66	82 82 66	78 79 51	79 47	75 55	69 41	66.9 83.5 60.5	
BELTSVILLE		90 72	88 68	87 63	83 60	87 63	87 57	84 53	87 57	90 66	71 64	77 66	83 62	77 47	81 51	74 41	83.8 59.3	
DALECARLIA RESERVOIR		93 74	93 70	89 69	87 63	88 62	91 61	86 57	89 61	94 65	72 65	78 62	84 64	80 49	82 56	80 48	85.9 62.7	
GLENN DALE BELL STN		90 89	89 89	85 88	88 87	88 85	87 87	85 87	87 92	92 73	73 77	77 83	83 79	79 79	79 75	75 70	84.2	
		70 91	66 90	61 86	58 89	65 89	56 86	51 90	64 92	66 75	64 79	50 86	45 78	56 80	39 76	57.8 85.4		
MD SCI CTR BALTIMORE		74 91	72 90	70 86	71 89	71 89	66 86	62 86	73 90	68 92	67 75	69 86	64 78	59 80	57 76	52 71	66.9	
NATIONAL ARBORETUM DC		91 73	92 71	82 66	85 63	89 67	89 63	86 57	88 63	93 68	72 64	78 67	83 66	81 50	82 54	77 45	86.0 62.6	
OXON HILL		91	89	88	85	88	89	86	88	93	71	79	84	82	81	77	85.4	
		73	69	67	64	64	63	58	60	68	65	66 ***	64 ***	51 ***	53 ***	45	61.7	
UPPER MARLBORO 3 NNW		91 71	89 68	90 64	84 60	88 62	90 61	85 53	87 56	92 67	72 65	80 66	84 63	79 46	81 48	76 41	84.9 58.8	
NORTHERN EASTERN SHORE																		
CHESTERTOWN		90 67	94 70	90 62	91 60	89 67	86 58	94 54	89 60	85 58	80 64	84 58	78 47	73 49	78 40	*** 44 ***	87.9 58.8	
NORTHERN CENTRAL																		
ABERDEEN PHILLIPS FLD	06	88 74			85 62	85 75	85 59	84 55	91 69		80 71	80 63	77 49	76 62	73 41	84.0 61.7		
CATOCTIN MOUNTAIN PARK		84	82	78	82	78	81	84	83	81 63	68	73	73	75	68	67	78.5	
CONOWINGO DAM		69	66	60	62	63	57	60	62	56	58	63	56	49	54	43	59.2 M M M	
CYLBURN		85 72	85 71	87 63			84 60	83 55	85 65				77 48	77 48	75 44	80.4 58.9		
DAMASCUS 3 SSW		86 69	84 65	79 60	83 60	84 61	82 56	84 58	88 66	72 59	74 62	78 66	74 60	76 47	70 54	66 39	58.9 M M	
EMMITSBURG 2 SE																		
FREDERICK 2 NNE		90 70	90 70	88 62	83 59	87 59	84 57	86 53	89 55	90 63	67 62	76 64	80 63	78 46	80 46	73 42	83.8 57.8	
MILLERS 4 NE		87 70	86 65	82 58	85 58	83 66	83 57	85 52	89 65	81 60	72 61	76 65	74 60	77 42	73 59	69 37	82.1 57.9	

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
PORT DEPOSIT 2 NE	07	MAX	85	86	89	83	84	85	84	86	87	85	85	86	91	93	82
ROCKVILLE 1 NE	MID	MIN	64	62	60	57	57	57	55	54	54	54	57	56	58	62	69
		MAX	84	88	79	78	80	78	78	84	84	80	81	86	87	82	86
		OBS											***				
SMITHSBURG 2NW	08	MIN	66	65	66	61	61	58	56	54	59	62	59	61	57	70	71
		OBS											***				
		MAX	84	81	86	79	81	81	80	81	84	82	82	82	81	90	86
APPALACHIAN MOUNTAIN 07		MIN	60	57	54	53	56	55	52	50	57	56	53	54	54	56	65
CUMBERLAND 2	18	MAX	90	92	89	89	85	87	88	92	92	90	90	96	98	94	98
		MIN	60	57	56	55	55	56	51	51	59	55	53	53	57	59	67
		OBS															
CUMBERLAND POLICE BRK	17	MAX	82	85	84	78	78	80	81	83	84	83	83	86	88	89	89
		OBS															
		MIN	62	56	53	51	51	51	49	48	55	54	51	49	53	53	64
FROSTBURG 2	07	MAX	73	76	79	74	75	77	78	78	78	79	79	80	84	86	83
		MIN	58	58	53	53	53	52	52	49	49	54	52	51	51	56	57
		OBS															
HAGERSTOWN POLICE BRK	17	MAX	84	88	84	82	81	83	85	85	83	83	88	90	89	90	90
		MIN	62	58	61	59	59	56	55	50	56	60	56	54	54	62	68
		OBS															
SHARPSBURG 5 S	07	MAX	85	84	89	82	82	83	81	83	85	84	88	80	88	90	87
		MIN	60	56	53	52	51	51	50	48	48	55	50	50	53	53	64
		OBS															
WILLIAMSPORT	06	MAX	86	85	90	83	83	84	82	82	87	85	85	86	90	92	88
		MIN	64	60	57	57	56	55	53	54	51	58	59	54	54	56	58
		OBS															
ALLEGHENY PLATEAU 08	07	MAX	76	79	75	74	72	73	76	77	80	81	77	85	85	80	85
		OBS															
		MIN	54	49	46	46	45	42	42	42	42	49	44	44	45	50	50
SAVAGE RIVER DAM	08	MAX	76	78	80	77	76	74	76	76	79	81	82	78	83	84	81
		MIN	60	58	53	50	50	51	49	48	48	55	52	50	50	54	55
		OBS															
DELAWARE NORTHERN 01	MID	MAX	85	89	82	84	84	83	83	85	84	85	83	88	92	83	88
		MIN	65	61	58	55	60	54	50	51	57	55	51	54	58	62	72
		OBS															
NEWARK UNIV FARM	19	MAX	88	90	85	86	86	84	83	86	84	86	83	91	90	83	88
		MIN	65	66	64	62	59	61	58	58	59	58	58	64	62	67	72
		OBS															
WILMINGTON NEW CASTLE	MID	MAX	87	89	83	85	84	83	82	86	85	85	82	89	90	81	87
		MIN	65	64	60	56	61	58	53	55	59	57	55	59	61	66	73
		OBS															
WILMINGTON PORTER RSVR	MID	MAX	83	85	79	80	80	79	81	83	81	82	81	86	90	79	85
		MIN	65	68	64	64	67	61	58	58	63	61	58	61	64	67	72
		OBS															
SOUTHERN 02	16	MAX	84	85	84	81	81	79	78	82	84	81	80	85	89	88	86
		MIN	68	69	65	60	60	61	58	59	62	61	60	60	62	71	74
		OBS															
GREENWOOD 2NE	07	MAX	87	86	88	83	84	80	78	80	86	86	83	81	87	91	87
		MIN	67	62	61	58	57	55	52	52	53	56	54	52	54	57	72
		OBS															
LEWES	17	MAX	86	88	88	82	82	77	77	82	82	81	79	84	87	87	86
		MIN	69	68	68	61	65	68	65	58	61	62	60	56	62	74	75
		OBS															
SMYRNA 1 W	07	MAX															
		MIN															
		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	
PORT DEPOSIT 2 NE		89	90	84	88	86	86	85	87	91	71	80	79	77	80	74		84.6
ROCKVILLE 1 NE		72	61	61	62	61	61	57	57	64	57	61	62	52	52	43		58.6
		86	85	82	85	85	86	88	88	71	78	81	76	78	70	68		81.4
SMITHSBURG 2NW		70	69	64	62	69	56	69	68	63	65	68	55	48	53	44		61.6

APPALACHIAN MOUNTAIN 07		89	86	86	81	84	82	84	87	86	65	76	78	78	78	69		81.6
		69	62	57	55	58	54	55	63	62	62	66	61	46	51	37		56.3
CUMBERLAND 2		96	91	87	91	88	90	98	93	88	88	82	85	87	81	75		89.7
		67	64	57	57	59	53	55	65	65	66	63	63	46	60	39		57.4
CUMBERLAND POLICE BRK		90	90	80	84	77	81	89	83	79	81	74	75	80	74	68		81.9
										67								
FROSTBURG 2		65	63	60	54	60	55	49	61	61	62	66	60	47	57	36		55.2
		84	85	76	73	81	71	81	85	79	63	79	69	72	79	60		77.2
HAGERSTOWN POLICE BRK		61	63	56	54	54	53	53	57	57	56	59	54	46	46	36		53.4
		90	87	87	85	84	85	89	89	86	75	78	78	79	78	76		84.1
SHARPSBURG 5 S		69	65	58	57	66	56	55	66	62	63	67	62	44	62	38		58.7
															42			
WILLIAMSPORT		91	88	89	83	86	85	85	88	90	67	77	78	78	80	72		83.6
		67	63	56	55	55	55	52	54	62	61	65	59	41	41	36		53.9
ALLEGHENY PLATEAU 08		92	85	89	85	86	84	87	87	90	68	77	79	79	80	72		84.3
		65	67	61	59	57	59	53	54	63	63	65	65	46	44	41		56.9
OAKLAND 1 SE		83	75	75	82	73	79	84	80	73	82	73	70	79	77	69		77.6
															62			
SAVAGE RIVER DAM		55	54	48	48	54	48	48	48	54	55	54	43	43	39	33		47.1
		85	84	77	76	80	74	80	84	81	67	80	74	73	77	64		77.9
DELAWARE NORTHERN 01		62	61	57	54	54	57	51	51	61	61	61	59	43	43	36		53.1
BEAR 2 SW		88	87	84	86	84	82	84	88	73	77	82	75	77	73	69		82.9
		73	72	61	61	64	57	52	67	63	63	65	50	46	49	39		58.2
NEWARK UNIV FARM		87	87	86	88	85	84	87	91	84	82	81	77	79	81	70		84.7
															82			
WILMINGTON NEW CASTLE		71	73	70	56	69	54	56	57	63	58	63	62	49	62	51		61.6
						51									49			
WILMINGTON PORTER RSVR		88	87	83	87	85	83	86	91	75	78	83	77	77	74	68		83.3
		73	71	62	63	68	59	56	68	64	67	52	48	49	42			60.3
SOUTHERN 02		86	83	80	84	83	79	84	86	72	77	80	80	76	72	66		80.7
		72	71	64	67	68	60	61	68	62	62	66	60	55	56	48		63.0
DOVER		85	85	84	84	86	85	86	88	88	78	83	84	77	77	69		82.9
		74	72	66	65	69	64	57	71	65	64	65	67	54	63	45		63.7
GREENWOOD 2NE		89	86	91	86	87	86	84	87	92	73	81	85	79	80	76		84.3
		72	68	64	60	63	64	51	51	70	57	59	65	51	51	43		58.4
LEWES		83	88	82	86	87	83	82	89	86	78	86	79	78	79	70		82.8
		75	72	69	66	70	66	58	69	69	63	65	66	56	65	57		65.3
SMYRNA 1 W																		M
																		M

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	55	43	*	*	*	175	34	22	17	*	50	28	17	21	47
	EVAP	19	22	*	*	*	96	20	18	20	*	30	20	19	20	12
	MAX	84	85	-	-	-	90	84	87	88	-	86	87	90	90	87
	MIN	63	62	-	-	-	59	58	55	59	-	58	58	58	62	69
	WIND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	EVAP	22	21	*	*	*	81	20	20	19	*	*	55	21	19	15
	MAX	88	92	95	91	89	91	90	91	92	89	92	91	93	93	93
	MIN	66	65	64	61	61	60	59	58	59	61	62	61	61	61	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

SEPTEMBER 1999

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																		
	20	19	*	66	23	*	60	28	60	*	67	53	49	48	79		1081	
	17	20	*	41	18	*	41	19	23	*	14	11	23	18	19		5.60	
	91	91	-	88	88	-	85	86	88	-	74	80	80	81	72		85.3	
	72	71	-	61	60	-	56	58	63	-	61	59	48	49	42		59.2	
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		M	
	19	20	18	18	18	16	20	18	*	*	33	13	20	16	-		5.40B	
	98	96	92	91	92	90	90	89	92	70	79	82	85	84	77		89.2	
	72	71	67	64	64	62	57	58	66	64	64	62	51	51	44		61.5	

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	12	12		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 PK
CHESTERTOWN	1750	05	KENT	39 13	76 3W	40	07	07		H	THOMAS W ELIASON JR
CLARKSVILLE 3 NNE	1862	06	HOWARD	39 15	76 56W	370	17	17		H	INACTIVE 12/02/2004
CONOWINGO DAM	2060	06	HARFORD	39 39	76 11W	40	07	07		H	SUSQUEHANNA ELECTRIC CO
CUMBERLAND 2	2282	07	ALLEGANY	39 39	78 45W	730	18	18		H	TIMOTHY B THOMAS
CUMBERLAND POLICE BRK	2285	07	ALLEGANY	39 38	78 50W	970	17	17		H	MARYLAND STATE POLICE
CYLBURN	2308	06	BALTIMORE (C	39 22	76 38W	400	08	08		H	CYLBURN ARBORETUM
DALECARLIA RESERVOIR	2325	04	PRINCE GEORG	38 56	77 7W	150	08	08		H	USA CORPS OF ENGINEERS
DAMASCUS 3 SSW	2336	06	MONTGOMERY	39 16	77 14W	697	22	22		H	ROBERT J LEFFLER
EMMITSBURG 2 SE	2906	06	FREDERICK	39 41	77 17W	416	17	17		H	LUCILLE K BEALE
FREDERICK 2 NNE	3353	06	FREDERICK	39 26	77 24W	280	07	07		H	DIR PUBLIC WORK WTP
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	US NATL ARBORETUM
HAGERSTOWN POLICE BRK	3980	07	WASHINGTON	39 36	77 44W	560	17	17		H	MARYLAND STATE POLICE
LAUREL 3 W	5111	04	PRINCE GEORG	39 5	76 54W	400		07		H	WA SUBURBAN SANITARY COM
MD SCI CTR BALTIMORE	5718	04	BALTIMORE (C	39 17	76 37W	20	MID	MID		C H	ASOS - NWS
MECHANICSVILLE 5 NE	5865	03	ST. MARY'S	38 28	76 42W	100	07	07		H	SANDRA J HASTINGS
MILLERS 4 NE	5934	06	CARROLL	39 43	76 48W	860	18	18		C H	ROBERT MILLER
NATIONAL ARBORETUM DC	6350	04	DISTRICT OF	38 55	76 58W	50	07	07		H	US NATIONAL ARBORETUM
OAKLAND 1 SE	6620	08	GARRETT	39 25	79 24W	2420	07	07		H	BEA J CROSCO
OXON HILL	6800	04	PRINCE GEORG	38 48	77 0W	120	08	08		H	BRIAN SMITH
PORT DEPOSIT 2 NE	7230	06	CECIL	39 38	76 5W	300	07	07		H	ANTHONY E FESTA
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 AP	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 2NW	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	08	08		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
WILLIAMSPORT	9570	07	WASHINGTON	39 36	77 50W	360	06	06		H	R C WILSON TRTMT PLT
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 2NE	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
NEWARK UNIV FARM	6410	01	NEW CASTLE	39 40	75 45W	90	19	19	17	C H	UNIV OF DE AGR FARM
SMYRNA 1 W	8508	02	KENT	39 18	75 37W	40	07	07		H	MARK A GONZALEZ
WILMINGTON NEW CASTLE	9595	01	NEW CASTLE	39 40	75 36W	79	MID	MID		C HJ	ASOS - FAA
WILMINGTON PORTER RSVR	9605	01	NEW CASTLE	39 46	75 32W	270	MID	MID		H	WILMINGTON WATER DEPT

REFERENCE NOTES

DEFINITIONS

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

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

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

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

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

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

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

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

SYMBOLS AND LETTERS USED IN THE STATION INDEX TABLE

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

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

SYMBOLS AND LETTERS USED IN THE DATA TABLES

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

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

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

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

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

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

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

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

// Rain gage equipped with a windshield.

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

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

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

R Amounts from recording rain gage.

T Trace. An amount too small to measure.

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

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

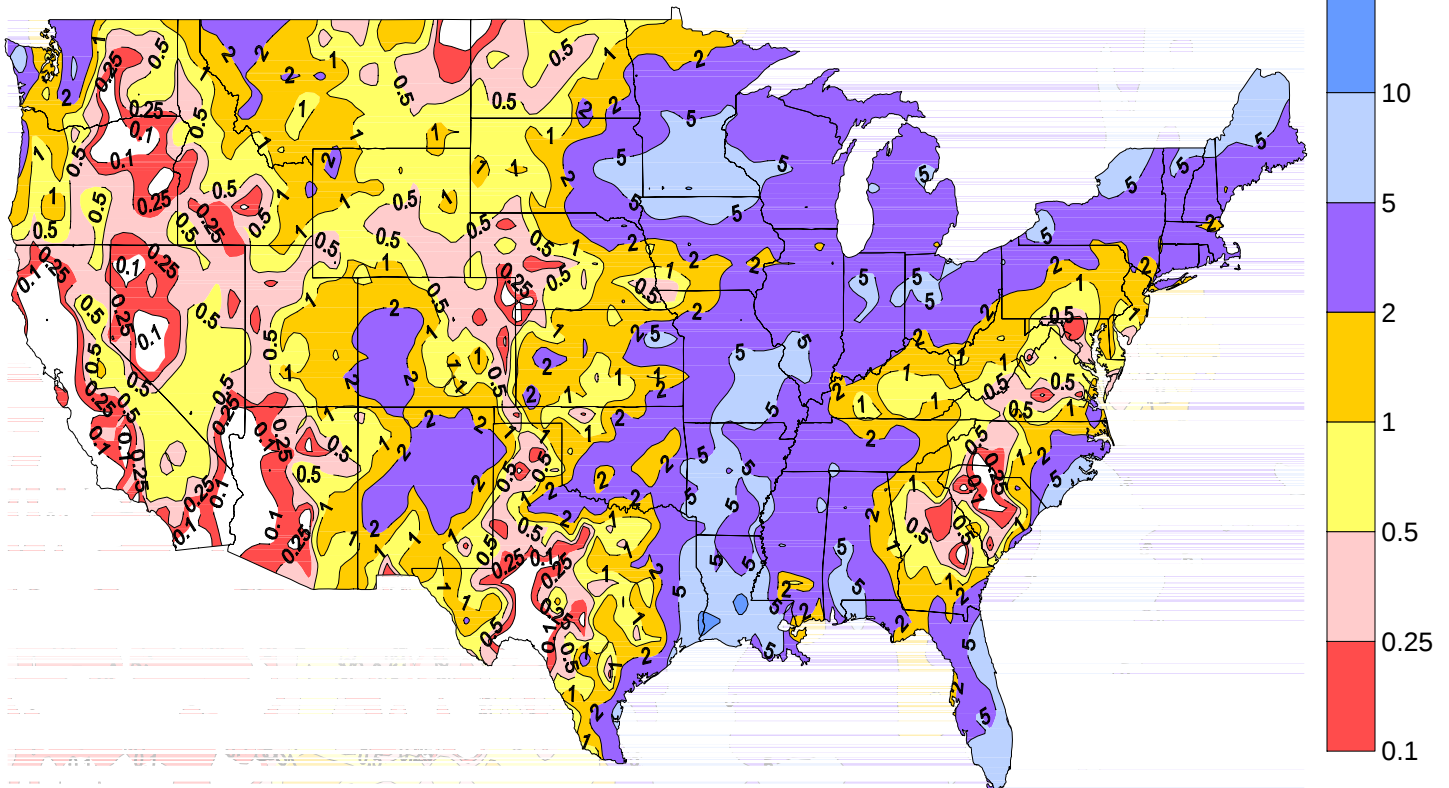
Information concerning the history of changes in locations, exposure, etc. of substations is kept on file at the National Climatic Data Center. Historical information of regular National Weather Service Offices may be obtained from the "Local Climatological Data" annual publication. The contents of this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

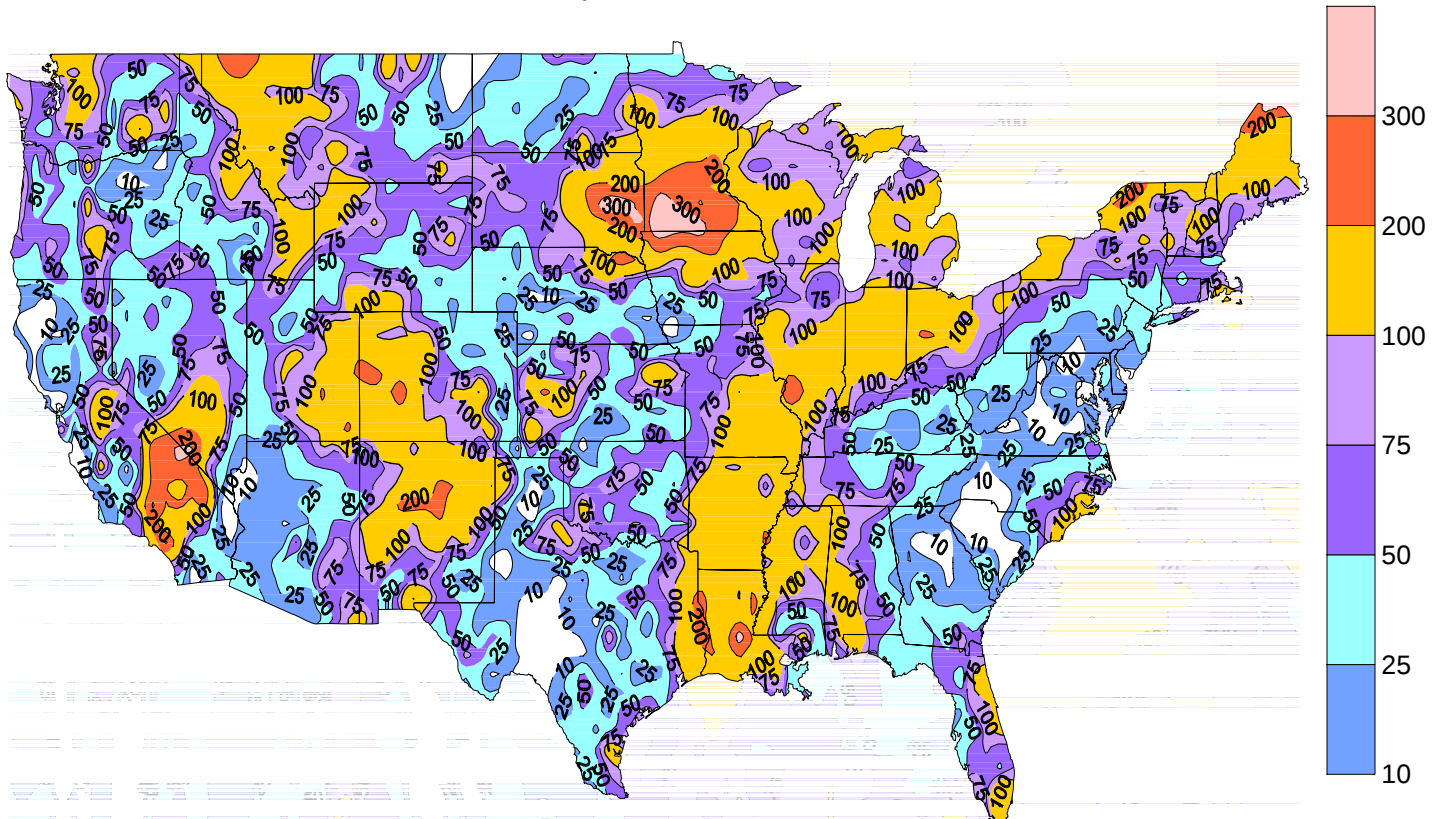
NCDC Subscription Services Center
310 State Route 956
Building 300
Rocket Center, WV 26726

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

Total Precipitation (Inches)
September 2005

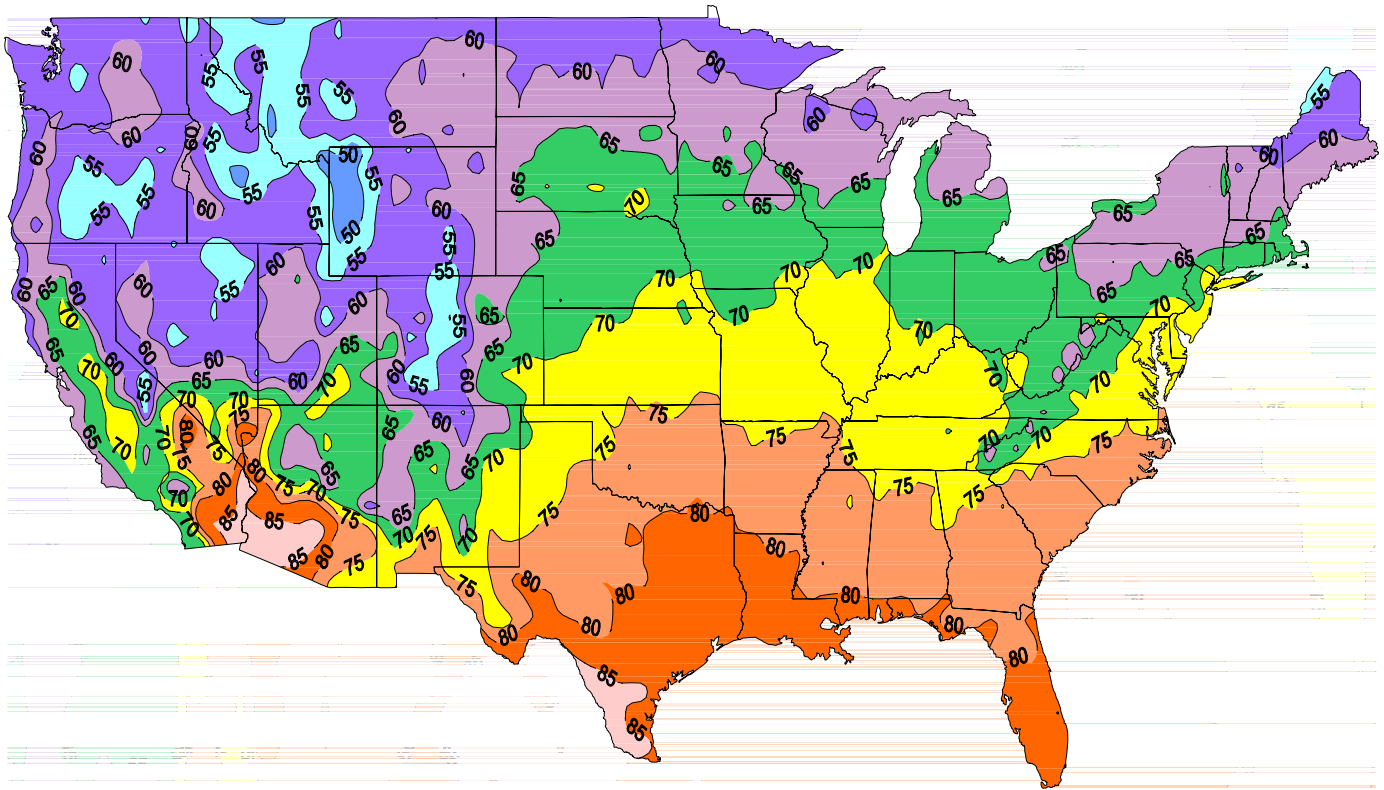


Percent of Normal
September 2005

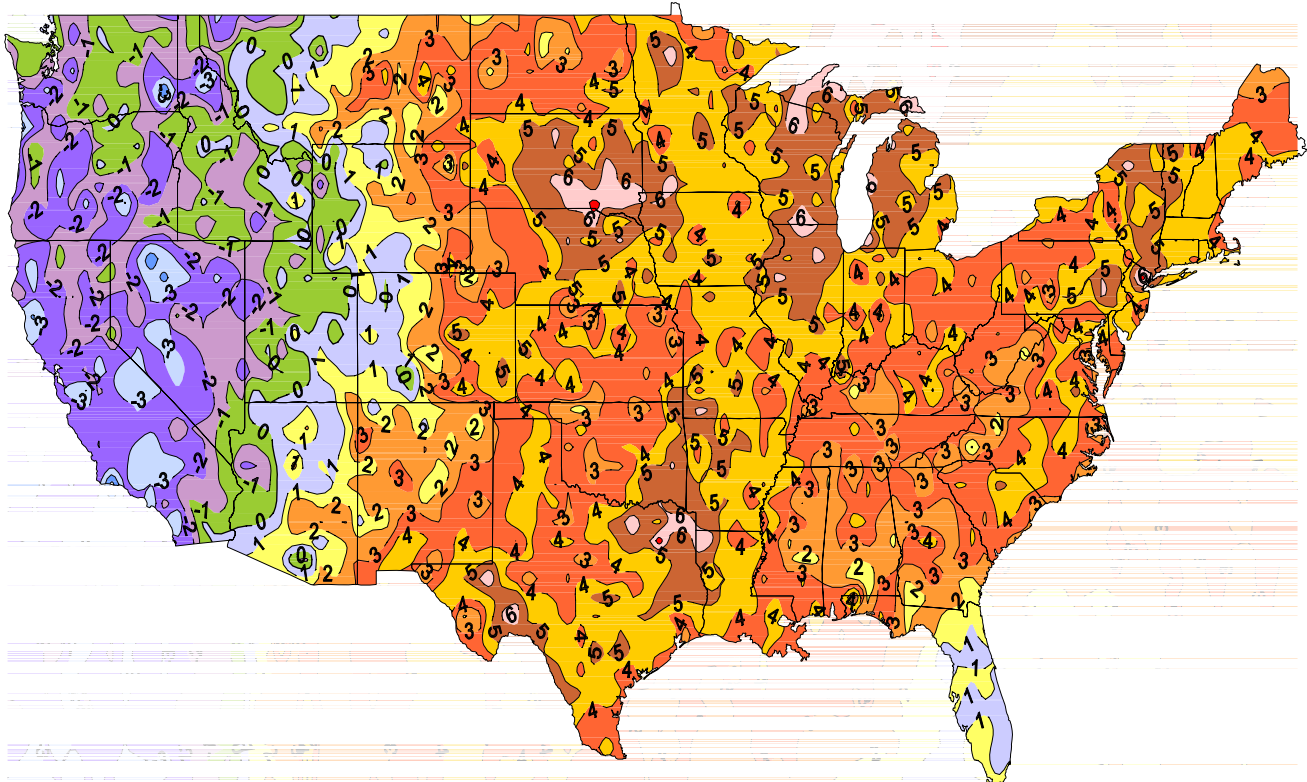


NOTE Contour maps are computer-generated and intended to show general temperature and precipitation patterns. Therefore, contours may not always account for individual datum points.

Average Temperature (Degrees F)
September 2005

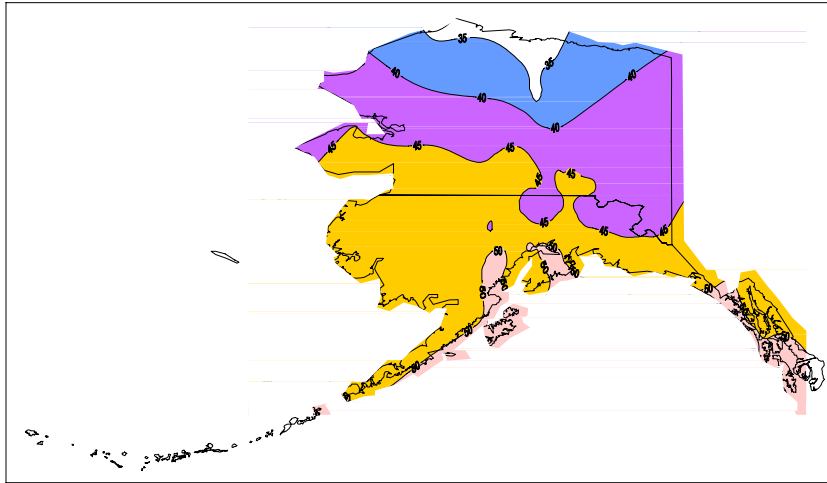


Departure of Average Temperature from Normal (Degrees F)
September 2005

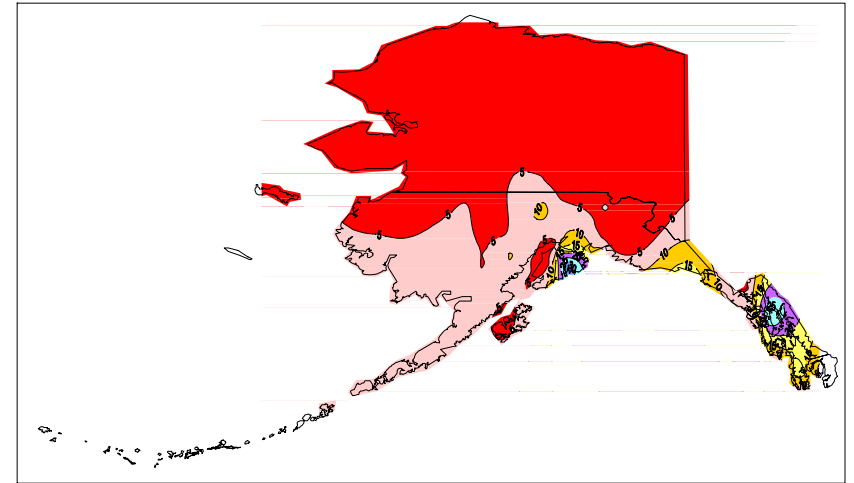


NOTE Contour maps are computer-generated and intended to show general temperature and precipitation patterns. Therefore, contours may not always account for individual datum points.

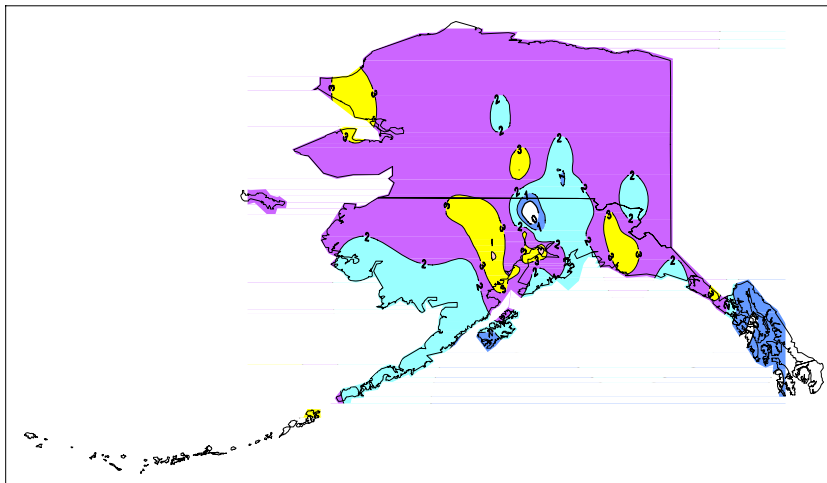
Average Temperature (Degrees F)
September 2005



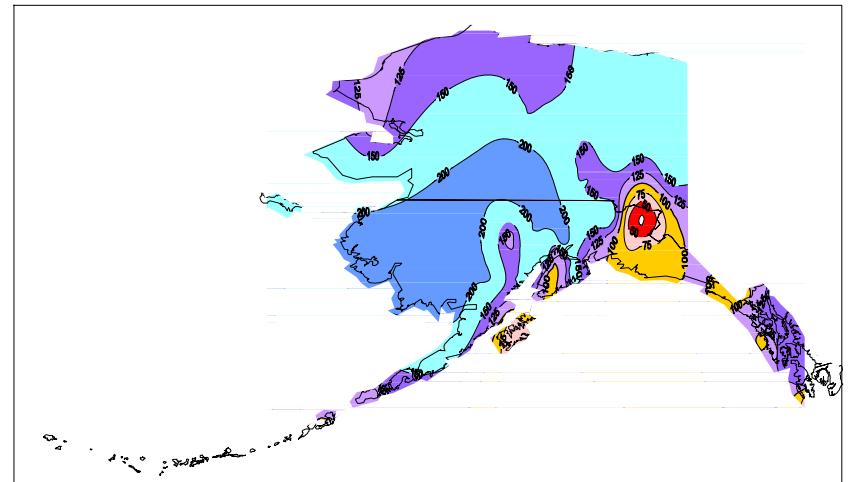
Alaska Precipitation (Inches)
September 2005



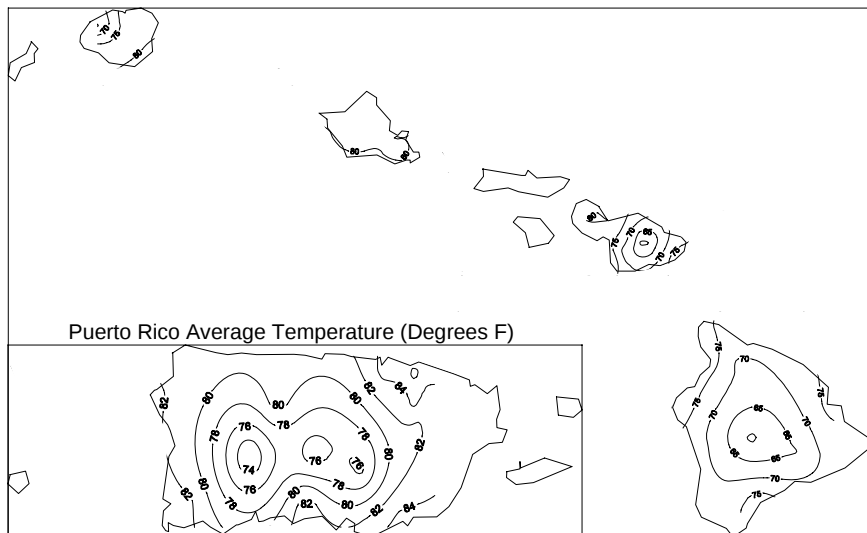
Departure of Average Temperature from Normal (Degrees F)
September 2005



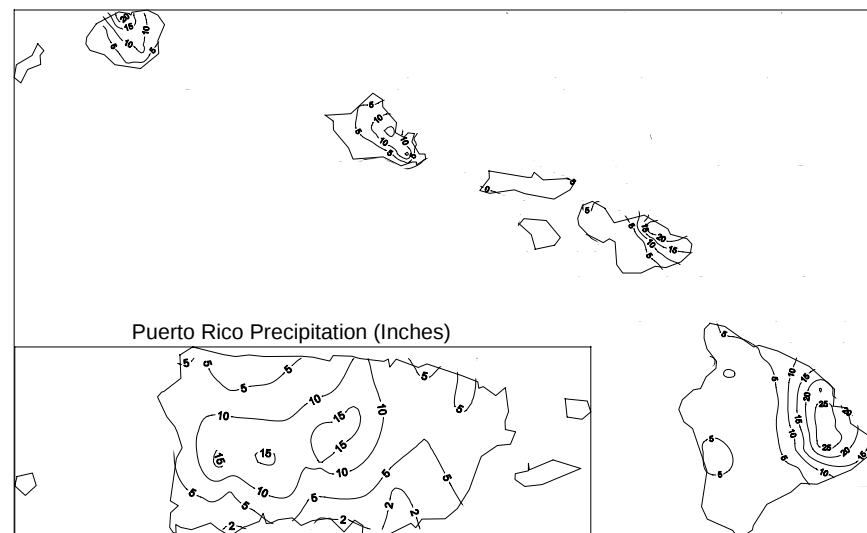
Percent of Normal Precipitation
September 2005



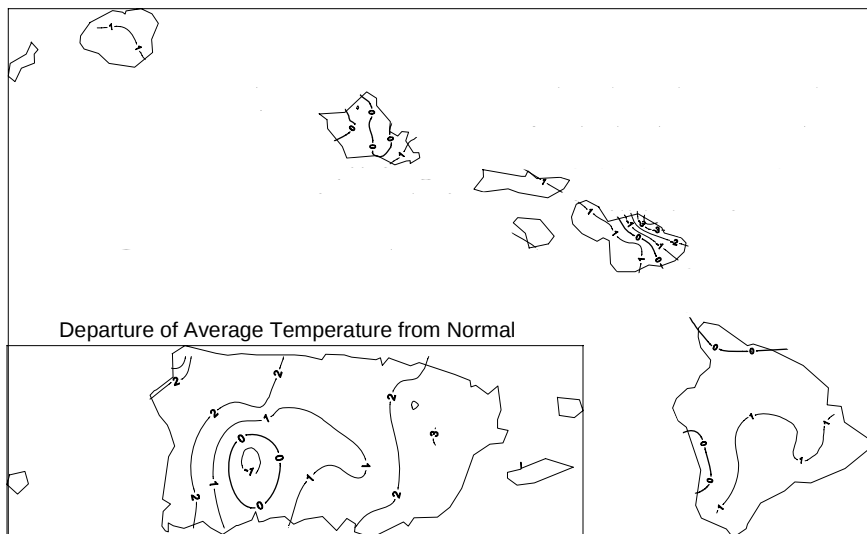
Hawaii Average Temperature (Degrees)
September 2005



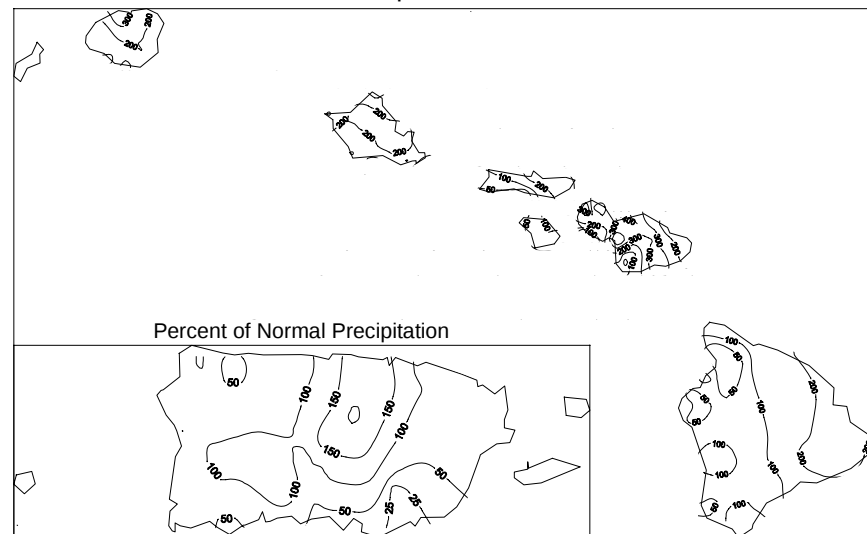
Hawaii Precipitation (Inches)
September 2005

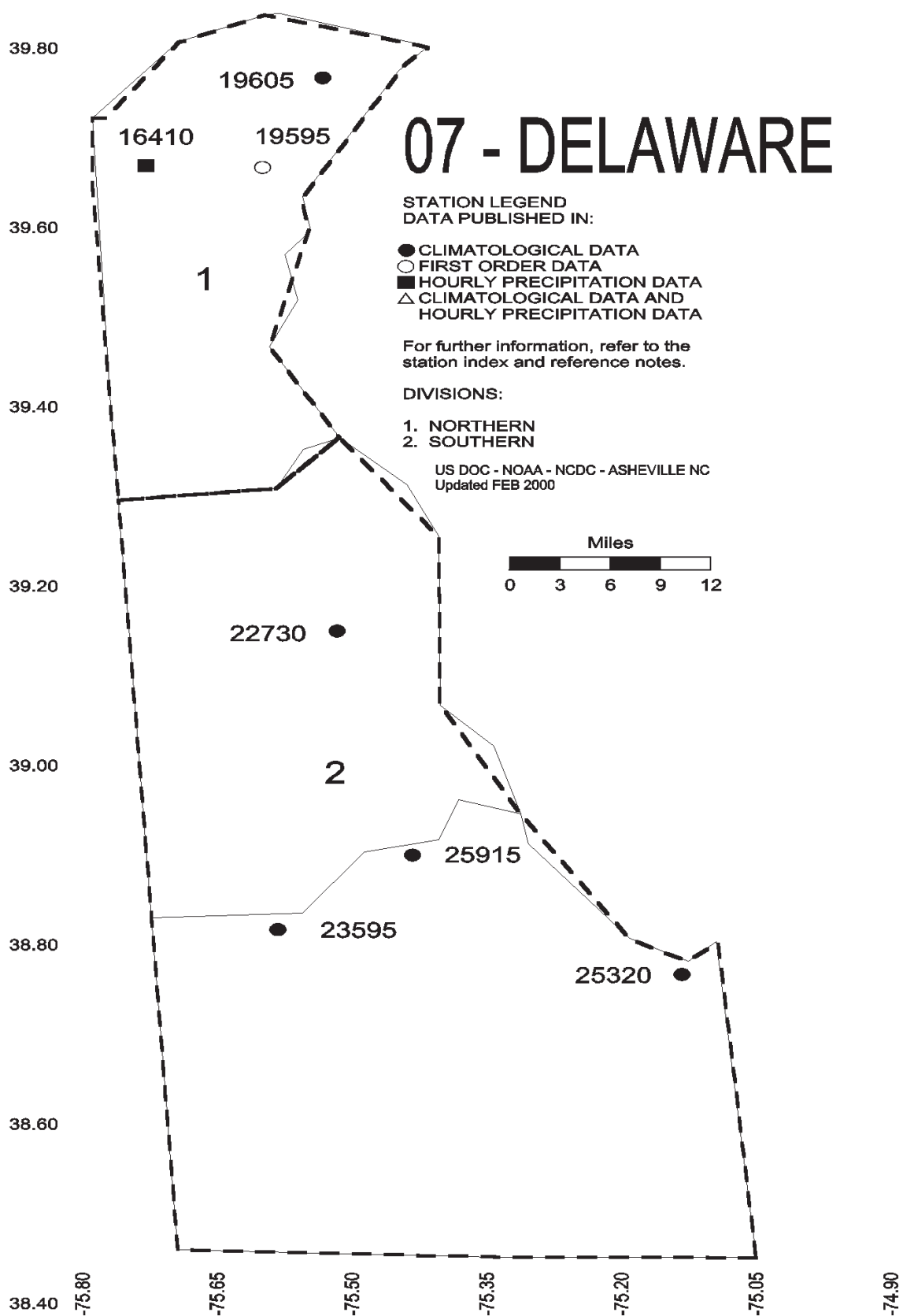


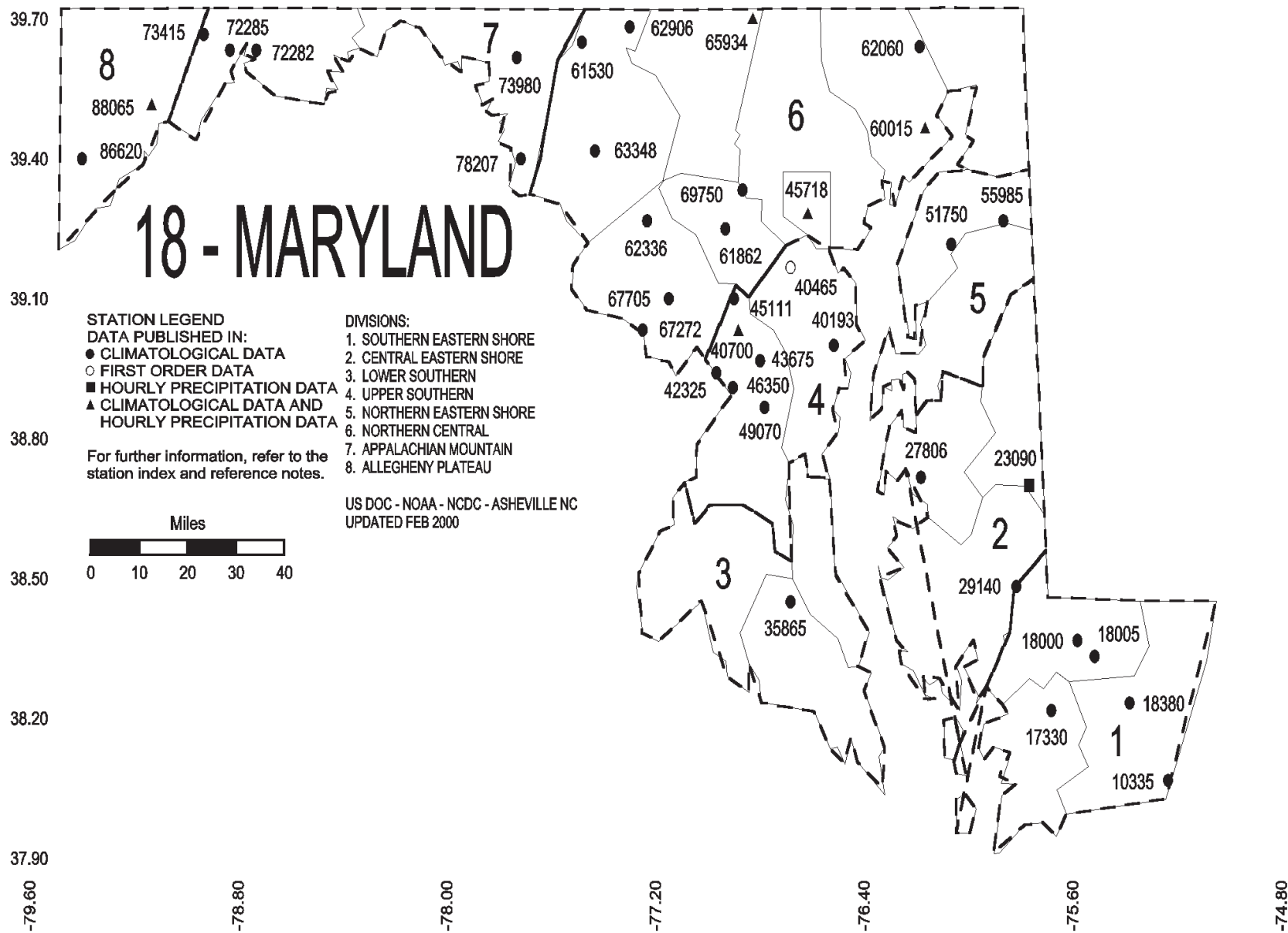
Departure of Average Temperature from Normal (Degrees)
September 2005



Hawaii Percent of Normal Precipitation
September 2005







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