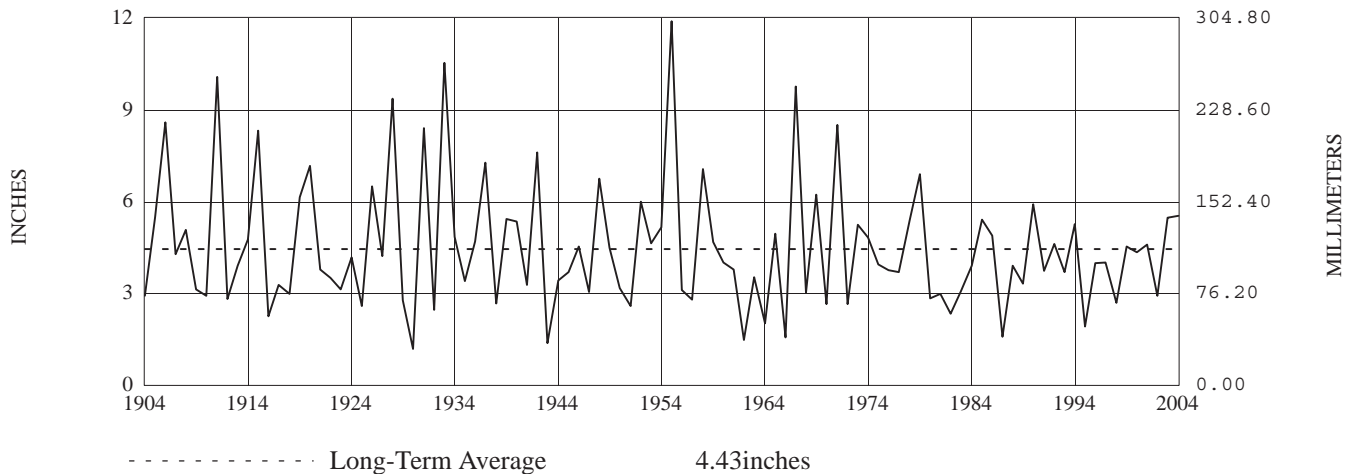


CLIMATOLOGICAL DATA

MARYLAND AND DELAWARE AUGUST 2004

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MARYLAND AND DELAWARE PRECIPITATION AUGUST, 1904-2004

TEMPERATURE AND PRECIPITATION EXTREMES

MARYLAND

HIGHEST TEMPERATURE	95	AUGUST 21+	2 STATIONS
LOWEST TEMPERATURE	43	AUGUST 6	OAKLAND 1 SE
GREATEST TOTAL PRECIPITATION	14.20		PRINCESS ANNE
LEAST TOTAL PRECIPITATION	1.25		SHARPSBURG 5 S
GREATEST 1 DAY PRECIPITATION	3.86	AUGUST 3	SNOW HILL 4 N

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and Information Service

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Climatic Data Center
Asheville, North Carolina

TEMPERATURE AND PRECIPITATION EXTREMES

DELAWARE

HIGHEST TEMPERATURE	93	AUGUST 20	LEWES
LOWEST TEMPERATURE	51	AUGUST 8+	2 STATIONS
GREATEST TOTAL PRECIPITATION	6.90M		LEWES
LEAST TOTAL PRECIPITATION	3.08		WILMINGTON PORTER RSVR
GREATEST 1 DAY PRECIPITATION	1.89	AUGUST 15	LEWES

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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	84.0	67.1	75.6	.2	94	5	54	7	0	335	3	0	0	0		
PRINCESS ANNE	M	M	M		92	20	50	7			4	0	0	0		
SALISBURY	83.6	67.5	75.6	-.4	90	20+	55	7	0	336	3	0	0	0		
SALISBURY POLICE BRKS	86.4	67.3	76.9		95	21+	55	7	0	376	12	0	0	0		
SALISBURY FAA AP	82.5	63.1	72.8	-2.7	90	20+	50	8	3	251	2	0	0	0		
SNOW HILL 4 N	84.1	64.4	74.3	-1.0	91	20+	50	7	2	298	2	0	0	0		
--DIVISIONAL DATA----->			75.0	-.7												
CENTRAL EASTERN SHORE 02																
ROYAL OAK 2 SSW	85.6	67.3	76.5	-.4	93	20	52	7	1	362	5	0	0	0		
VIENNA	85.0	67.0	76.0	-.1	92	5	54	9+	0	346	6	0	0	0		
--DIVISIONAL DATA----->			76.3	.2												
LOWER SOUTHERN 03																
MECHANICSVILLE 5 NE	80.6	64.7	72.7	-2.1	88	21	53	7	4	250	0	0	0	0		
OXON HILL	83.5	66.2	74.9		91	5	55	7	1	314	3	0	0	0		
SOLOMONS	86.2	70.3M	78.3M		93	20	62	6	0	424	10	0	0	0		
--DIVISIONAL DATA----->			75.3	-.1												
UPPER SOUTHERN 04																
ANNAPOLIS POLICE BRKS	85.4	67.8	76.6	1.0	92	24+	58	8+	0	365	7	0	0	0		
BALTIMORE WASH INTL AP R	83.0	65.3	74.2	-.3	91	20	53	7	2	295	3	0	0	0		
BELTSVILLE	83.1	65.8	74.5	-.8	91	21	53	8	3	304	3	0	0	0		
DALECARLIA RESERVOIR	85.9M	63.5M	74.7M	-1.5	95	17+	52	7+	3	311	6	0	0	0		
GLENN DALE BELL STN	84.5	64.6	74.6	.8	93	21+	50	7	4	306	7	0	0	0		
MD SCI CTR BALTIMORE R	85.2	69.6	77.4		94	20	53	8	0	390	8	0	0	0		
NATIONAL ARBORETUM DC	84.7	67.2	76.0	-.1	92	21+	56	7	0	349	4	0	0	0		
UPPER MARLBORO 3 NNW	83.5	65.4	74.5	.4	92	5	53	8+	3	300	2	0	0	0		
--DIVISIONAL DATA----->			75.3	.0												
NORTHERN EASTERN SHORE 05																
CHESTERTOWN	85.7	66.6	76.2	.4	94	28+	55	8	0	353	9	0	0	0		
--DIVISIONAL DATA----->			76.2	1.0												
NORTHERN CENTRAL 06																
ABERDEEN PHILLIPS FLD	84.3M	68.3M	76.3M	.9	91	20	57	23	0	361	1	0	0	0		
CATOCTIN MOUNTAIN PARK	79.3	62.5	70.9	-.6	88	28	50	6	11	200	0	0	0	0		
CLARKSVILLE 3 NNE	M	M	M								1	0	0	0		
CONOWINGO DAM	M	M	M								0	0	0	0		
CYLBURN	M	M	M		92	21	51	7			0	0	0	0		
DAMASCUS 3 SSW	80.7	62.2	71.5		89	20	50	7	8	216	0	0	0	0		
EMMITSBURG 2 SE	82.6	62.0	72.3	-1.0	89	20	48	8	5	241	0	0	0	0		
FREDERICK 2 NNE	84.1M	63.7M	73.9M		91	29+	53	7	3	286	4	0	0	0		
MILLERS 4 NE	81.8	62.9	72.4	-.1	89	28	50	7	6	242	0	0	0	0		
ROCKVILLE 1 NE	M	M	M													
SMITHSBURG 2NW	83.1	60.2	71.7		91	30+	49	7	12	226						
--DIVISIONAL DATA----->			72.7	-1.1												
APPALACHIAN MOUNTAIN 07																
CUMBERLAND 2	85.3	60.4	72.9	.0	92	30+	51	7	4	257	7	0	0	0		
CUMBERLAND POLICE BRK	82.5	59.3	70.9		89	21+	48	6	11	205	0	0	0	0		
FROSTBURG 2	76.5	56.2	66.4	-.8	86	29	47	7+	56	106	0	0	0	0		
HAGERSTOWN POLICE BRK	83.5	62.6	73.1		90	4	51	8+	2	260	1	0	0	0		
SHARPSBURG 5 S	84.8	60.7	72.8		94	29	48	7	8	258	7	0	0	0		
--DIVISIONAL DATA----->			71.2	-.7												
ALLEGHENY PLATEAU 08																
OAKLAND 1 SE	76.9	55.0	66.0	-1.1	84	29	43	6	51	87	0	0	0	0		
SAVAGE RIVER DAM	77.6	57.2	67.4	-.9	87	29	47	6	37	121	0	0	0	0		
--DIVISIONAL DATA----->			66.7	-.2												
DELAWARE																
NORTHERN 01																
BEAR 2 SW	82.4	65.0	73.7		91	20	51	8	3	276	1	0	0	0		
NEWARK UNIV FARM	M	M	M													
WILMINGTON NEW CASTLE R	81.3	64.9	73.1	-1.9	89	20+	53	7	2	261	0	0	0	0		
WILMINGTON PORTER RSVR	80.3	65.3	72.8	-1.0	90	20	54	7	3	254	1	0	0	0		
--DIVISIONAL DATA----->			73.2	-1.3												
SOUTHERN 02																
DOVER	83.4	67.5	75.5	-.7	89	20	55	7	1	332	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	12.90	8.72	2.92	15	.0	0		10	6	4
PRINCESS ANNE	14.20	9.36			.0	0		4	3	2
SALISBURY	12.88	8.16	3.66	30	.0	0		12	8	4
SALISBURY POLICE BRKS	8.35		1.68	30	.0	0		12	6	3
SALISBURY FAA AP	9.16	4.17	2.46	14	.0	0		11	6	5
SNOW HILL 4 N	12.37	6.97	3.86	3	.0	0		12	8	3
--DIVISIONAL DATA----->	11.64	6.77			.0					
CENTRAL EASTERN SHORE 02										
ROYAL OAK 2 SSW	6.94	2.84	2.12	13	.0	0		9	6	2
VIENNA	8.24	3.87	2.00	1	.0	0		11	8	3
--DIVISIONAL DATA----->	7.59	3.19			.0					
LOWER SOUTHERN 03										
MECHANICSVILLE 5 NE	2.88	-1.06	.71	15	.0	0		7	2	0
OXON HILL	5.87		2.36	13	.0	0		9	3	1
SOLOMONS	8.78		3.06	2	.0	0		7	3	2
--DIVISIONAL DATA----->	5.84	1.87			.0					
UPPER SOUTHERN 04										
ANNAPOLIS POLICE BRKS	3.28	-.76	1.11	13	.0	0		7	3	1
BALTIMORE WASH INTL AP R	2.71	-1.03	.64	1	.0	0		5	3	0
BELTSVILLE	3.24	-.45	1.12	13	.0	0		7	2	1
DALECARLIA RESERVOIR	4.35	.37	1.30	5	.0	0		9	4	1
GLENN DALE BELL STN	3.32	-.77	1.04	12	.0	0		5	3	2
MD SCI CTR BALTIMORE R	3.03		.79	11	M	M		7	2	0
NATIONAL ARBORETUM DC	4.58	.68	2.25	13	.0	0		8	2	1
UPPER MARLBORO 3 NNW	3.96	.06	1.23	12	.0	0		8	3	1
--DIVISIONAL DATA----->	3.56	-.61			.0					
NORTHERN EASTERN SHORE 05										
CHESTERTOWN	2.98	-.78	.70	30	.0	0		9	1	0
--DIVISIONAL DATA----->	2.98	-.90			.0					
NORTHERN CENTRAL 06										
ABERDEEN PHILLIPS FLD	5.22	1.15	2.70	13	M	.0	0	2	1	1
CATOCTIN MOUNTAIN PARK	4.73	.81	2.14	1	.0	0		6	4	1
CLARKSVILLE 3 NNE					.0	0				
CONOWINGO DAM					M	M				
CYLBURN	M 2.74				.0	0		3	1	0
DAMASCUS 3 SSW	5.05		1.48	11	.0	0		10	3	2
EMMITSBURG 2 SE	2.99	-.61	1.48	13	.0	0		4	2	2
FREDERICK 2 NNE	M 1.66		.70	13	.0	0		3	1	0
MILLERS 4 NE	3.69	-.02	1.69	1	.0	0		4	3	1
ROCKVILLE 1 NE					M	M				
SMITHSBURG 2NW					M	M				
--DIVISIONAL DATA----->	4.34	.49			.0					
APPALACHIAN MOUNTAIN 07										
CUMBERLAND 2	2.73	-.80	.71	13	.0	0		8	1	0
CUMBERLAND POLICE BRK	M 1.32		.59	29	.0	0		3	2	0
FROSTBURG 2	5.00	1.18	1.86	30	.0	0		8	3	2
HAGERSTOWN POLICE BRK	2.62		2.00	1	.0	0		2	1	1
SHARPSBURG 5 S	1.25		.48	1	.0	0		3	0	0
--DIVISIONAL DATA----->	2.90	-.44			.0					
ALLEGHENY PLATEAU 08										
OAKLAND 1 SE	5.99	1.84	2.24	30	.0	0		11	4	2
SAVAGE RIVER DAM	5.70	2.33	2.37	30	.0	0		9	2	2
--DIVISIONAL DATA----->	5.85	2.02			.0					
DELAWARE										
NORTHERN 01										
BEAR 2 SW	5.94		1.70	1	.0	0		10	4	2
NEWARK UNIV FARM					M	M				
WILMINGTON NEW CASTLE R	5.33	1.82	1.78	1	.0	0		8	3	2
WILMINGTON PORTER RSVR	3.08	-.97	1.27	1	.0	0		7	1	1
--DIVISIONAL DATA----->	4.78	1.15			.0					
SOUTHERN 02										
DOVER	4.30	-.43	1.16	30	.0	0		6	3	1

MONTHLY STATION AND DIVISION SUMMARY

STATION	TEMPERATURE (°F)											NO. OF DAYS			
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	HEATING DEGREE DAYS	COOLING DEGREE DAYS	MAX		MIN		
											90 OR ABOVE	32 OR BELOW	32 OR BELOW	0 OR BELOW	
GREENWOOD 2NE	82.1	64.2	73.2	-.7	90	21	51	7	4	263	1	0	0	0	
LEWES	83.3	68.5	75.9	.0	93	20	55	8	0	347	3	0	0	0	
MILFORD 2 SE	M	M	M												
SMYRNA 1 W	M	M	M												
--DIVISIONAL DATA----->			74.9	-.2											

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
GREENWOOD 2NE	6.38	2.31	1.82	31	.0	0		8	4	4
LEWES	M 6.90		1.89	15	.0	0		11	5	2
MILFORD 2 SE					M	M				
SMYRNA 1 W					M	M				
--DIVISIONAL DATA----->	5.34	.56			.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	12.90		2.37	.93	2.75		.85	.13							.49	2.92
PRINCESS ANNE	14.20	*	1.42	1.85		.98	.23							*	*	*
SALISBURY	12.88	1.59	.35	.55		.52	.11							.11	.84	1.54
SALISBURY POLICE BRKS	8.35	.42	.32	.58		.36	.19							.18	.70	1.42
SALISBURY FAA AP	9.16	.77	.41	1.00		1.08						T		.14	2.46	.31
SNOW HILL 4 N	12.37	.51	.89	3.86		.95	.18							.16	.49	1.50
CENTRAL EASTERN SHORE 02																
ROYAL OAK 2 SSW	6.94	.35	.15	.82		.66								2.12	.65	.36
VIENNA	8.24	2.00	.30	1.36		.56	.15								.65	1.01
LOWER SOUTHERN 03																
MECHANICSVILLE 5 NE	2.88		.18	.39	T	T	.29					.04	.28	.01	.71	
OXON HILL	5.87		.89	.37	.05	.15	.07					.78	2.36	.23	.46	
SOLOMONS	8.78	.03	3.06	.32		.43	.38	*	*	.01				.09	*	1.42
UPPER SOUTHERN 04																
ANNAPOLIS POLICE BRKS	3.28	.55		.43	.11	.57						.19	1.11	.07	.11	
BALTIMORE WASH INTL AP R	2.71	.64			.59	.01	T				.56	.49	.02	.29	T	
BELTSVILLE	3.24		.26	.08	.02	.83						.36	1.12	.11	.36	
DALECARLIA RESERVOIR	4.35	.29				1.30	.10				.14	.80				
GLENN DALE BELL STN	3.32		.01	.04		1.00					.61	1.04			.31	.22
LAUREL 3 W	3.50	1.07	.02		.37						.63	.85	.05	.50		
MD SCI CTR BALTIMORE R	3.03	.41		.07	.41	.03					.79	.32	.01	.17		
NATIONAL ARBORETUM DC	4.58		.02	.14		.48	.02					.67	2.25	.16	.42	
UPPER MARLBORO 3 NNW	3.96		.41	.13		.42	.03					1.23	.66	.19	.30	
NORTHERN EASTERN SHORE 05																
CHESTERTOWN	2.98	.03			.22	.16					.40	.22	.15	.38		
NORTHERN CENTRAL 06																
ABERDEEN PHILLIPS FLD	5.22	*	2.03	T		.07						.02	2.70	*	*	
CATOCTIN MOUNTAIN PARK	4.73	2.14		.01		.30	.25	.01					.74	.01		
CLARKSVILLE 3 NNE	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CONOWINGO DAM	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CYLBURN M	2.74	.52	.03			.23	-				.25	*	.63	.08	.08	
DAMASCUS 3 SSW	5.05	1.23	.04		.48						1.48	.42	.50	.15		
EMMITSBURG 2 SE	2.99		1.02			.02							1.48	.10		
FREDERICK 2 NNE M	1.66	-	.02	*	*	.32	.09	-			*	.14	.70	.02		
MILLERS 4 NE	3.69	1.69	T	.03		.04	T				.03	.01	.64	.02	.02	
POTOMAC FILTER PLANT	2.49	.19	.10		.35							.66	.63	.07	.25	
ROCKVILLE 1 NE M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SMITHSBURG 2NW M	.12	.01		.29	.21						.01	.36	-	.01		
APPALACHIAN MOUNTAIN 07																
CUMBERLAND 2	2.73	.33				.07					.01		.71			
CUMBERLAND POLICE BRK M	1.32	-				.05						-	-			
FROSTBURG 2	5.00	.69				.10					T		1.54	T	T	
HAGERSTOWN POLICE BRK	2.62	2.00	.08			.05							.08			
SHARPSBURG 5 S	1.25	.48				.02						.26	.27		.01	
ALLEGHENY PLATEAU 08																
OAKLAND 1 SE	5.99	.05	.02		.11	.15	T	T			.10	.66	.20			
SAVAGE RIVER DAM	5.70	.43				.08					.11		1.51			
DELAWARE																
NORTHERN 01																
BEAR 2 SW	5.94	1.70		T	.18	.04						.23	1.49	.11	.23	
NEWARK UNIV FARM M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WILMINGTON NEW CASTLE R	5.33	1.78		T	.44	T					.05	1.50	.04	.45		
WILMINGTON PORTER RSVR	3.08	1.27	T		.47						.04	.31	.06	.29	.02	
SOUTHERN 02																
DOVER	4.30	.38	.05	.02		.49						.08	.08	.05	.86	
GREENWOOD 2NE	6.38		1.25	.03	.40	.15						.15	T	.01	1.28	
LEWES M	6.90	.73	.11	.39		.69	.15						.37	.29	1.89	
MILFORD 2 SE M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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	.28	1.83					.09									.26
PRINCESS ANNE	4.89		.07			*	*	.14				*	*	*	3.13	1.49
SALISBURY	2.80							.14							3.66	.67
SALISBURY POLICE BRKS	1.44	T						.19				.07			1.68	.80
SALISBURY FAA AP	1.32					.12									1.39	.16
SNOW HILL 4 N	1.86		T				.95								.60	.42
CENTRAL EASTERN SHORE 02																
ROYAL OAK 2 SSW	.61			.03		.05									.08	1.06
VIENNA	.59						.23	.02							.61	.76
LOWER SOUTHERN 03																
MECHANICSVILLE 5 NE	.63	T	T	.23			.05									.07
OXON HILL	.01			.30			.18									.02
SOLOMONS	.97		.12				.07									1.88
UPPER SOUTHERN 04																
ANNAPOLIS POLICE BRKS						.09									.05	
BALTIMORE WASH INTL AP R		.02	.09			T				T	T				T	
BELTSVILLE							.10									
DALECARLIA RESERVOIR	.12		.65	.09				.22		.61	.03					
GLENN DALE BELL STN							.09									
LAUREL 3 W						.01										
MD SCI CTR BALTIMORE R		.09	.56			.10									.07	
NATIONAL ARBORETUM DC			.12				.28									.02
UPPER MARLBORO 3 NNW			T				.59									
NORTHERN EASTERN SHORE 05																
CHESTERTOWN	.05		.18			.05								.44	.70	
NORTHERN CENTRAL 06																
ABERDEEN PHILLIPS FLD	.17		.11	T		*	.12			T					T	
CATOCTIN MOUNTAIN PARK				.04		.62									.60	.01
CLARKSVILLE 3 NNE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CONOWINGO DAM																
CYLBURN	*	.78	*	*	*	.14	T								T	T
DAMASCUS 3 SSW		.33	.18	.12		.12										
EMMITSBURG 2 SE				.02		.35										
FREDERICK 2 NNE		*	*	.05		.12	.20		-		-					
MILLERS 4 NE		T		T	.74	.46				T					.01	
POTOMAC FILTER PLANT		.08				.13										.03
ROCKVILLE 1 NE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SMITHSBURG 2NW					.19	.23									.03	
APPALACHIAN MOUNTAIN 07																
CUMBERLAND 2	.17			.09	.10	.38	.22								.18	.47
CUMBERLAND POLICE BRK	-			.18		.50									.59	
FROSTBURG 2	.11	T		.08	.16	.24	.18								.04	1.86
HAGERSTOWN POLICE BRK				.07		.34										
SHARPSBURG 5 S		T		.07	.03	.05	.06									T
ALLEGHENY PLATEAU 08																
OAKLAND 1 SE	.24	T		1.00		.89								.20	2.24	.13
SAVAGE RIVER DAM	.43			.17	.21	.14	.21								2.37	.04
DELAWARE																
NORTHERN 01																
BEAR 2 SW	.08		.83	T		.10									.34	.61
NEWARK UNIV FARM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WILMINGTON NEW CASTLE R	.14		.01	T		.20									.54	.18
WILMINGTON PORTER RSVR	.15	.02	T			.22									.15	.08
SOUTHERN 02																
DOVER	.58			.05			.02			T					1.16	.48
GREENWOOD 2NE	1.08	.02	T	.05			.14									1.82
LEWES	1.24	.03					.79								.22	-
MILFORD 2 SE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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 MIN OBS	90 74	88 71	87 73	80 71	94 71	81 66	77 54 62	78 60	84 59 62	88 62	83 69	84 73	87 74	79 69	77 67
PRINCESS ANNE	17	MAX OBS MIN OBS		89 69	89 69	91 65	91 65		90 50 64		85 60	87 66	87 68	88			
SALISBURY	17	MAX OBS MIN OBS	87 74	83 72	77 72	90 70	90 69	73 61	75 55	80 56	84 61	85 66	86 70	85 71	80 73	79 69 77	76 67
SALISBURY POLICE BRKS	17	MAX OBS MIN OBS	91 74	84 72	80 73	92 70	91 68	74 61	74 55	83 56	88 61	89 65	91 72	90 72	90 72	75 68	78 66
SALISBURY FAA AP	MID	MAX MIN	86 70	82 70	79 69	90 67	79 67	73 55	75 51	80 50	85 60	87 68	87 68	84 68	77 67	72 66	75 66
SNOW HILL 4 N	17	MAX MIN OBS	87 74	82 71	79 71	91 68	89 67	74 59	75 50	81 51	86 56	86 60	86 68	85 70	81 72	78 67	78 66
CENTRAL EASTERN SHORE																	
ROYAL OAK 2 SSW	18	MAX MIN	88 76	83 71	84 72	91 69	89 70	75 61	76 52	83 53	87 59	88 66	87 72	87 67	82 73	79 66	78 66
VIENNA	18	MAX OBS MIN OBS	88 72	86 70	82 68	91 67	92 65	74 58	75 58	78 54	87 54	87 67	85 71	86 71	84 71	80 66	78 66
LOWER SOUTHERN																	
MECHANICSVILLE 5 NE	07	MAX MIN	87 74	87 73	81 71	83 70	87 71	75 61	71 53	73 54	79 58	82 58	84 68	83 68	82 69	77 62	68 63
OXON HILL	08	MAX MIN	90 75	85 73	85 73	86 72	91 72	76 61	75 55	77 57	83 59	86 60	87 69	85 67	83 67	81 62	66 62
SOLOMONS	16	MAX OBS MIN	91 76	89 72	82 72	92 73	90 69	76 62	77 ***	80 ***	85	90	90	90	84 ***	83 64	82
UPPER SOUTHERN																	
ANNAPOLIS POLICE BRKS	17	MAX OBS MIN OBS	91 81 79	86 75	85 74	92 73	92 71	75 61	76 58	82 58	87 67	86 61	85 71	84 70	80 70	80 64	80 65
BALTIMORE WASH INTL AP	MID	MAX MIN	82 73	86 73	87 70	90 69	76 69	73 55	74 53	81 54	86 57	86 66	86 69	82 68	80 67	71 64	78 63
BELTSVILLE	08	MAX MIN	89 77	83 72	86 71	87 72	90 70	76 60	72 54	74 53	81 57	86 64	86 69	85 66	82 67	80 64	71 62
DALECARLIA RESERVOIR	17	MAX MIN	84 58	84 56	87 65	87 60	68 58	75 52	93 52	87 61	93 62	93 69	86 68	81 55	80 61	89 67	90 69
GLENN DALE BELL STN	08	MAX MIN OBS	90 75	82 72	87 70	87 67	93 68	74 58	74 50	76 52	83 56	88 63	90 68	88 ***	84 66	78 62	68 62
MD SCI CTR BALTIMORE	MID	MAX MIN OBS	86 75	90 77	90 76	93 72	77 71	74 62	74 61	81 53	86 58	86 64	87 73	85 72	81 71	75 67	82 67
NATIONAL ARBORETUM DC	07	MAX MIN	91 77	83 74	86 73	87 74	92 71	77 62	75 56	77 57	83 58	86 64	88 70	88 68	84 67	80 63	80 63
UPPER MARLBORO 3 NNW	08	MAX MIN	89 75	83 72	86 71	86 70	92 70	74 60	73 53	75 53	82 56	86 62	86 68	86 68	84 67	80 62	70 63
NORTHERN EASTERN SHORE																	
CHESTERTOWN	23	MAX OBS MIN OBS	81 74	90 71	91 72	93 70	76 60 69	79 60	79 59	84 55	89 69	90 69	90 69	87 69	80 *** 70	72 65	82 64
NORTHERN CENTRAL																	
ABERDEEN PHILLIPS FLD	16	MAX MIN		88 75	88 71	88 73	88 69	75 60			84 59	84 64	85 72	85 71	85 72		
CATOCTIN MOUNTAIN PARK	17	MAX MIN	83 67	82 68	82 65	84 62	82 61	72 50	68 52	76 54	80 60	82 64	81 66	76 63	72 60	69 56	74 59
CLARKSVILLE 3 NNE	17	MAX MIN															
CONOWINGO DAM	07	MAX MIN															
CYLBURN	17	MAX MIN	89 70	86 69	87 69	89 69			74 51	81 53	84 58	86 64	86 66			82 62	78 60
DAMASCUS 3 SSW	22	MAX	86	85	86	87	75	71	71	77	82	84	83	79	76	70	77

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	78 67	78 63	86 65	82 70	83 73	86 73	85 68	78 56	82 55	86 64	84 65	84 70	88 68	88 70	90 68	89 73	84.0 67.1	
PRINCESS ANNE		86 60	86 65	89 70	92 73				91 54	86 63	84 62				89 60	86 70	M M	
SALISBURY	79 67	82 65	84 69	87 72	90 75	88 76	83 62	82 59	86 64	83 67	84 66	87 68	88 69	87 67	87 69	85 73	83.6 67.5	
SALISBURY POLICE BRKS	79 67	86 65	89 65	92 73	95 76	95 76	87 61	85 58	88 61	81 64	85 66	90 67	91 69	94 67	86 72	85 73	86.4 67.3	
SALISBURY FAA AP	78 65	83 60	85 68	87 71	90 75	87 66	78 56	82 52	85 56	82 64	82 61	86 62	88 60	87 58	84 68	84 66	82.5 63.1	
SNOW HILL 4 N	80 65	85 60	85 65	88 71	91 73	88 73	82 59	83 54	86 57	84 64	83 62	87 63	89 61	87 60	86 67	85 73	84.1 64.4	
CENTRAL EASTERN SHORE 02																		
ROYAL OAK 2 SSW	83 66	83 63	86 71	89 73	93 75	89 74	80 58	84 59	90 63	86 68	88 67	88 69	91 73	92 70	88 70	87 74	85.6 67.3	
VIENNA	82 65	81 71	83 78	90 78	90 75	90 77	85 59	83 57	84 61	87 67	86 64	86 67	89 69	89 68	90 72	86 70	85.0 67.0	
LOWER SOUTHERN MECHANICSVILLE 5 NE 03	74 65	77 64	79 64	81 68	85 70	88 72	81 58	75 58	79 58	84 58	80 65	81 66	82 66	85 66	85 67	83 67	80.6 64.7	
OXON HILL	76 62	84 65	83 66	86 69	88 69	90 73	80 58	80 61	84 61	87 66	83 68	85 69	86 70	89 69	88 69	84 73	83.5 66.2	
SOLOMONS	80 64	85 67	87 70	92 72	93 75	91 76	80 65	86 64	87 67	85 71	84 73	89 71	90 72	85 71	88 75	88 73	86.2 70.3	
UPPER SOUTHERN ANNAPOLIS POLICE BRKS 04	81 63	86 66	85 67	91 72	91 65	86 77	86 64	84 62	92 64	83 65	86 64	86 72	90 70	88 71	84 73	88 69	85.4 67.8	
BALTIMORE WASH INTL AP	83 65	80 61	83 66	87 70	91 69	80 62	79 57	88 59	86 62	81 71	84 69	86 69	90 70	89 69	85 71	84 64	83.0 65.3	
BELTSVILLE	78 64	82 63	82 65	85 69	88 68	91 73	79 57	80 59	85 61	87 66	82 69	83 69	85 69	90 68	88 69	84 73	83.1 65.8	
DALECARLIA RESERVOIR	88 71	95 72	90 70	85 69	80 55	85 62	88 68	89 70	88 63	88 68	83 56	84 61	86 60	84 60	85 78	85 78	85.9 63.5	
GLENN DALE BELL STN	77 64	85 62	84 64	86 67	90 68	93 75	79 56	82 57	87 60	89 66	84 66	86 66	87 68	92 66	90 68	85 73	84.5 64.6	
MD SCI CTR BALTIMORE	85 71	83 69	85 70	91 72	94 74	82 68	81 64	87 67	88 70	85 73	85 72	90 73	93 73	92 73	87 76	85 73	85.2 69.6	
NATIONAL ARBORETUM DC	78 64	83 65	83 68	86 71	89 72	92 73	80 59	81 61	86 64	88 65	84 69	86 70	86 72	91 72	89 70	86 72	84.7 67.2	
UPPER MARLBORO 3 NNW	79 65	84 62	82 66	84 69	88 69	91 73	79 57	81 59	85 61	87 65	83 66	84 67	85 69	89 68	89 68	85 73	83.5 65.4	
NORTHERN EASTERN SHORE 05																		
CHESTERTOWN	86 66	85 62	86 69	90 72	94 72	84 59	83 56	89 59	89 69	81 69	86 65	91 69	94 70	85 71	88 70	84 70	85.7 66.6	
NORTHERN CENTRAL 06																		
ABERDEEN PHILLIPS FLD	82 69	82 62	82 67	86 72	91 71				82 57	84 62	84 70	82 68	86 71		82 73	82 75	84.3 68.3	
CATOCTIN MOUNTAIN PARK	78 60	76 61	80 62	85 67	86 69	80 65	75 54	80 60	82 64	78 65	80 65	84 67	88 68	85 69	83 67	76 66	79.3 62.5	
CLARKSVILLE 3 NNE																	M	
CONOWINGO DAM																	M	
CYLBURN						92 59	78 54	84 58	87 60	83 67			88 66	89 67	84 69	83 69	M M	
DAMASCUS 3 SSW	80	81	81	85	89	89	75	76	82	84	81	82	84	87	86	82	79	80.7

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	MIN	69	69	67	66	54	53	50	53	56	65	63	66	63	58	59	
		OBS					63											
		MAX	83	86	86	86	86	76	72	80	82	84	83	79	77	77	78	
FREDERICK 2 NNE	07	MIN	70	69	67	66	65	53	50	48	53	60	65	62	63	56	58	
		OBS																
		MAX		88			90	78	72		81	86		85	81	79	74	
MILLERS 4 NE	18	MIN		71			69	55	53		56	60		67	65	60	60	
		MAX	85	87	88	87	86	73	69	79	83	84	83	80	77	74	78	
ROCKVILLE 1 NE	MID	MIN	69	68	66	67	64	54	50	51	57	62	67	65	66	59	61	
		MAX																
SMITHSBURG 2NW	08	MIN																
		MAX	90	88	88	89	88	77	70	72	80	82	86	85	79	76	72	
APPALACHIAN MOUNTAIN CUMBERLAND 2	07	MIN	69	67	65	65	65	50	49	50	55	55	62	63	63	55	54	
		MAX																
CUMBERLAND POLICE BRK	17	MIN	90	89	91	89	88	75	76	83	84	88	88	84	73	73	80	
		OBS					79											
		MAX	67	66	66	66	65	53	51	52	57	61	64	61	54	54	54	
FROSTBURG 2	07	MIN	87	86	88	89	88	77	72	78	82	86	85	72	70	75		
		OBS					77							***	85			
		MAX	69	64	64	65	65	48	54	49	53	53	62	60	58	51	51	
HAGERSTOWN POLICE BRK	17	MIN	78	81	82	82	82	70	70	66	72	76	79	79	60	66	66	
		OBS																
		MAX	63	64	61	61	61	47	47	49	52	54	58	58	56	50	48	
SHARPSBURG 5 S	07	MIN	87	87	89	90	87	77	74	79	82	85	84	81	76	76	80	
		OBS																
		MAX	69	69	66	67	66	53	51	51	55	62	67	64	62	55	58	
ALLEGHENY PLATEAU OAKLAND 1 SE	08	MIN	91	89	89	90	91	78	73	77	83	86	89	85	77	78	71	
		OBS																
		MAX	70	67	64	65	65	59	48	49	50	54	62	61	63	55	54	
SAVAGE RIVER DAM	08	MIN	81	82	82	81	81	69	67	71	76	78	77	77	62	70	72	
		OBS					70											
		MAX	61	61	60	61	60	43	45	46	47	52	61	57	58	52	47	
DELAWARE NORTHERN BEAR 2 SW	01	MIN	76	83	82	86	83	74	67	71	74	77	80	80	64	66	68	
		OBS																
		MAX	65	64	64	64	64	47	49	49	51	53	56	61	59	53	51	
NEWARK UNIV FARM	MID	MIN	83	88	88	89	75	73	72	81	85	87	86	82	78	72	79	
		OBS																
		MAX	73	72	72	71	69	59	52	51	57	63	68	68	70	65	67	
WILMINGTON NEW CASTLE	MID	MIN																
		OBS																
		MAX	80	85	85	89	76	74	72	80	85	85	85	82	78	71	77	
WILMINGTON PORTER RSVR	MID	MIN	70	71	72	70	66	56	53	54	59	66	68	69	68	64	66	
		OBS																
		MAX	80	85	84	86	74	71	69	77	83	84	84	81	75	71	77	
DOVER	02	MIN	71	71	71	71	65	58	54	56	61	65	69	67	69	64	66	
		OBS																
		MAX	87	83	84	87	87	73	73	78	84	86	85	87	83	84	77	
GREENWOOD 2NE	07	MIN	72	70	73	70	71	62	55	56	62	67	71	71	72	66	67	
		OBS																
		MAX	79	80	83	80	89	75	74	74	79	84	86	86	86	78	74	
LEWES	17	MIN	71	69	73	68	67	60	51	52	54	60	60	68	72	67	64	
		OBS																
		MAX	87	83	78	88	88	74	74	80	84	86	88	85	85	76	76	
MILFORD 2 SE	07	MIN	74	72	74	70	69	65	56	55	63	67	71	73	73	69	67	
		OBS																
		MAX																
SMYRNA 1 W	07	MIN																
		MAX																

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	60	60	64	69	67	55	56	59	60	67	66	67	68	68	67	65	62.2
	80	81	82	87	89	65	87	75	81	84	83	82	84	88	88	88	82.6
	57	57	57	68	65	71	58	58	53	70	67	65	66	68	67	69	62.0
FREDERICK 2 NNE	81			85	91	91	78	80		89		84	88	91	89	89	84.1
MILLERS 4 NE	60			67	69	69	56	57		59		68	70	70	70	71	63.7
ROCKVILLE 1 NE	80	80	81	86	88	81	76	82	85	80	81	83	89	87	85	80	81.8
	59	58	64	67	66	68	54	55	61	66	66	69	67	68	68	68	62.9
SMITHSBURG 2NW	80	81	81	83	89	90	77	77	82	87	87	84	88	91	91	86	83.1
APPALACHIAN MOUNTAIN CUMBERLAND 2	60	58	58	59	70	68	53	53	54	58	58	67	67	67	67	62	60.2
CUMBERLAND POLICE BRK	82	83	86	92	91	89	81	85	87	85	86	89	91	92	92	83	85.3
	58	57	57	66	67	67	54	54	59	60	60	65	67	67	68	56	60.4
FROSTBURG 2	79	80	83	84	88	89	75	81	82	83	81	84	88	88	87	87	82.5
	60	56	55	65	64	67	54	52	57	62	58	63	67	65	64	64	59.3
HAGERSTOWN POLICE BRK	71	73	77	78	83	83	68	76	81	81	80	79	82	86	84	79	76.5
	48	54	53	54	63	64	52	51	51	57	57	58	61	64	64	62	56.2
SHARPSBURG 5 S	82	82	81	88	89	88	75	81	85	85	82	86	88	89	89	84	83.5
	61	60	61	68	68	69	54	55	58	66	64	67	62	70	71	71	62.6
ALLEGHENY PLATEAU OAKLAND 1 SE	81	83	84	86	91	92	78	80	86	88	85	85	89	94	92	89	84.8
	56	59	60	61	67	67	53	53	56	57	69	65	67	67	68	72	60.7
SAVAGE RIVER DAM	72	74	78	82	82	79	73	78	80	80	80	82	82	84	80	73	76.9
	54	47	49	62	62	61	54	47	49	54	52	58	62	59	66	59	55.0
DELAWARE NORTHERN BEAR 2 SW	74	76	76	78	83	83	65	83	80	81	80	80	83	87	85	81	77.6
	51	55	53	53	62	62	56	53	52	55	57	57	62	65	65	65	57.2
NEWARK UNIV FARM	83	83	84	86	91	81	78	82	83	80	81	85	89	88	82	80	82.4
	65	59	66	71	71	62	53	54	61	65	64	69	69	68	69	72	65.0
WILMINGTON NEW CASTLE																	M
WILMINGTON PORTER RSVR	83	80	80	85	89	81	76	82	82	79	80	84	88	84	81	81	81.3
	64	60	67	71	72	61	54	56	63	65	65	69	70	69	72	63	64.9
SOUTHERN DOVER	79	79	80	85	90	82	76	80	80	78	81	84	88	85	80	80	80.3
	66	62	66	71	72	63	55	57	65	64	64	67	70	68	70	66	65.3
GREENWOOD 2NE	78	82	84	87	89	88	84	83	84	82	83	85	86	85	83	83	83.4
	65	63	68	70	74	77	58	60	66	69	68	67	70	68	70	73	67.5
LEWES	77	82	82	83	87	90	84	79	81	84	78	83	86	88	89	84	82.1
	65	61	63	71	73	73	57	55	59	61	63	64	66	64	68	71	64.2
MILFORD 2 SE	77	81	85	90	93	90	86	82	80	77	81	85	89	89	84	82	83.3
	66	66	69	73	75	76	66	59	65	70	67	68	69	69	73	74	68.5
SMYRNA 1 W																	M
																	M
																	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		WIND	0	13	15	24	30	65	*	*	130	16	36	25	30	*	*
		EVAP	0	7	10	19	29	19	*	*	59	22	21	22	14	*	*
		MAX	93	86	90	94	96	75	-	-	87	91	90	90	84	-	-
		MIN	73	74	72	72	72	60	-	-	57	64	67	67	67	-	-
UPPER MARLBORO 3 NNW		WIND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		EVAP	-	-	11	16	24	11	*	*	56	20	22	24	15	14	3
		MAX	96	84	93	95	100	77	80	83	89	96	95	95	91	87	73
		MIN	75	75	74	73	74	61	58	59	59	63	67	68	69	67	65

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	52	22	19	23	31	*	*	104	20	28	39	31	*	*	146	61	960
	29	19	17	14	20	*	*	49	21	17	19	18	*	*	68	12	5.25
	82	89	87	90	94	-	-	94	93	92	88	88	-	-	94	89	89.4
	63	66	67	68	69	-	-	58	62	66	68	70	-	-	68	71	67.0
UPPER MARLBORO 3 NNW	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	M
	11	17	18	17	17	*	35	18	19	21	15	15	18	*	43	13	5.27B
	84	92	90	93	95	98	81	92	95	95	91	90	94	98	97	91	90.6
	66	68	68	68	71	73	62	62	65	67	69	69	70	70	70	71	67.6

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	MARYLAND STATE POLICE
ASSATEAGUE	0335	01	WORCESTER	38 4	75 13W	10	07	07		H	NATIONAL RESOURCES MGMT
BALTIMORE WASH INTL AP	0465	04	ANNE ARUNDEL	39 10	76 41W	156	MID	MID		C HJ	ASOS - FAA
BELTSVILLE	0700	04	PRINCE GEORG	39 2	76 56W	145	08	08	08	C H	USDA AGRI RESEARCH CTR W
CATOCTIN MOUNTAIN PARK	1530	06	FREDERICK	39 39	77 29W	1610	17	17		H	CATOCTIN MOUNTAIN PARK
CHESTERTOWN	1750	05	KENT	39 13	76 3W	40	23	23		H	THOMAS W ELIASON JR
CLARKSVILLE 3 NNE	1862	06	HOWARD	39 15	76 56W	370	17	17		H	UNIVERSITY OF MD - CMREC
CONOWINGO DAM	2060	06	HARFORD	39 39	76 11W	40	07	07		H	SUSQUEHANNA ELECTRIC CO
CUMBERLAND 2	2282	07	ALLEGANY	39 39	78 45W	730	18	18		H	TIMOTHY B THOMAS
CUMBERLAND POLICE BRK	2285	07	ALLEGANY	39 38	78 50W	970	17	17		H	MARYLAND STATE POLICE
CYLBURN	2308	06	BALTIMORE (C	39 22	76 38W	400	17	17		H	CYLBURN ARBORETUM
DALECARLIA RESERVOIR	2325	04	PRINCE GEORG	38 56	77 7W	150	17	17		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	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		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 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 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	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 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
MILFORD 2 SE	5915	02	SUSSEX	38 54	75 26W	35	07	07		H	JACK HALL
NEWARK UNIV FARM	6410	01	NEW CASTLE	39 40	75 45W	90	17	17	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."

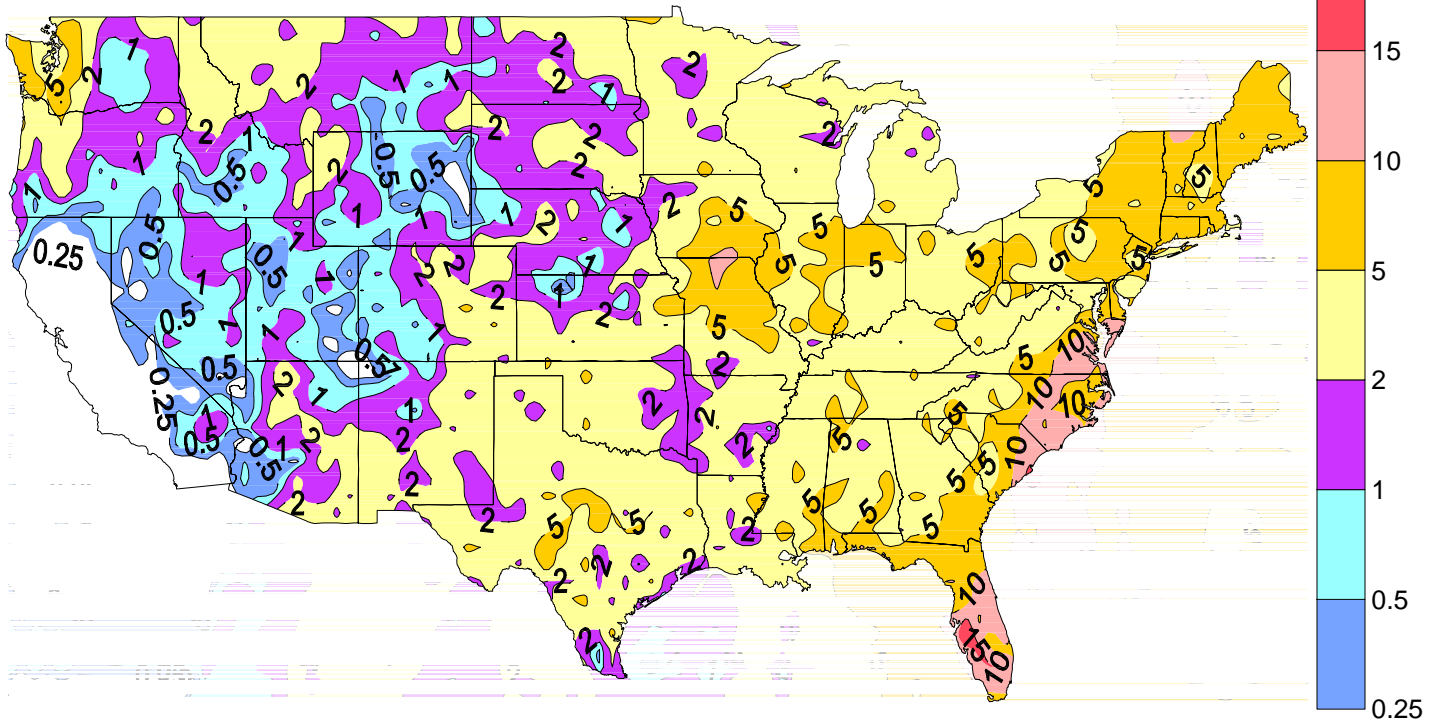
Information concerning the history of changes in locations, exposure, etc. of substations is kept on file at the National Climatic Data Center. Historical information of regular National Weather Service Offices may be obtained from the "Local Climatological Data" annual publication. The contents of this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

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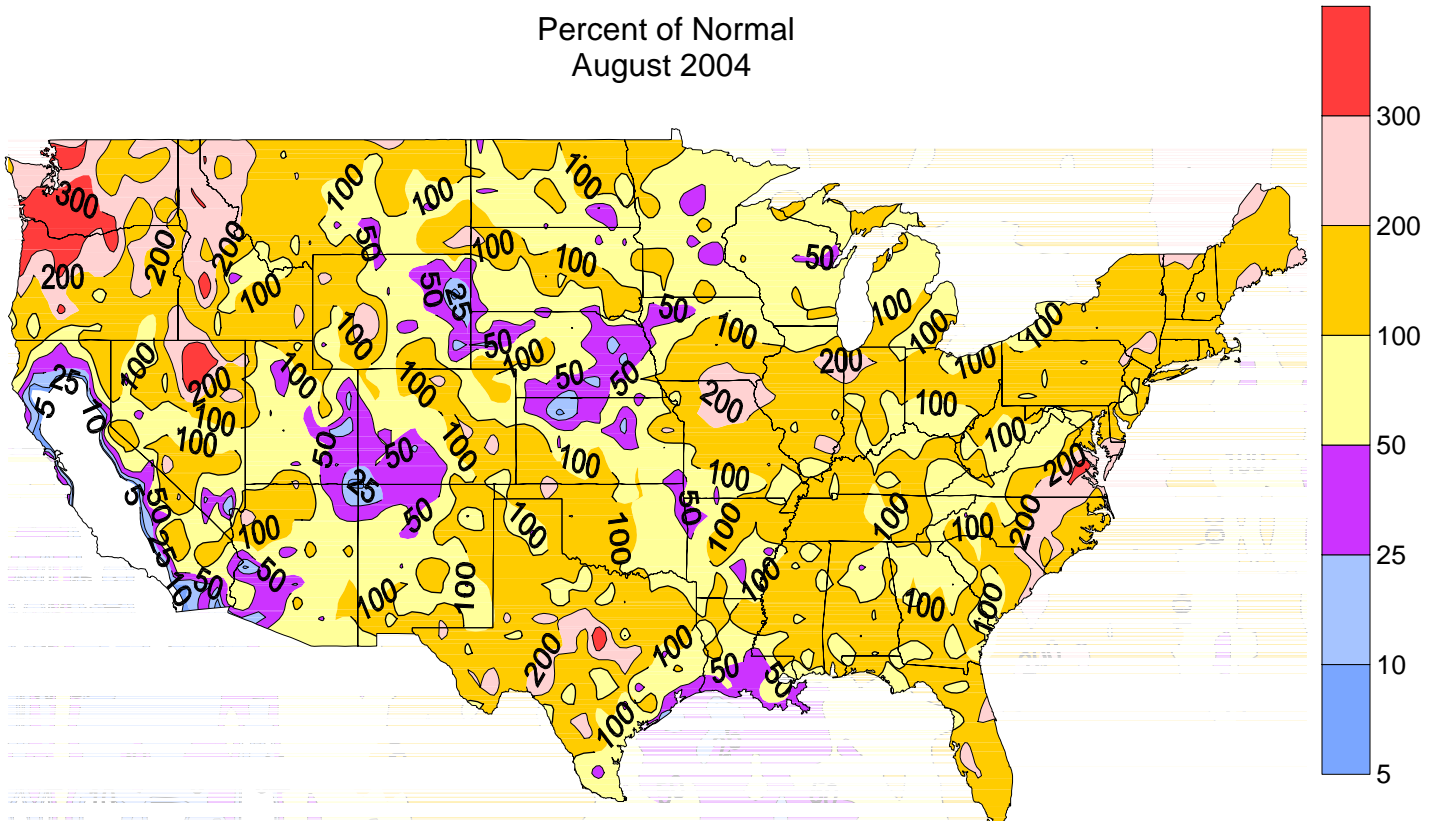
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Total Precipitation (Inches)
August 2004

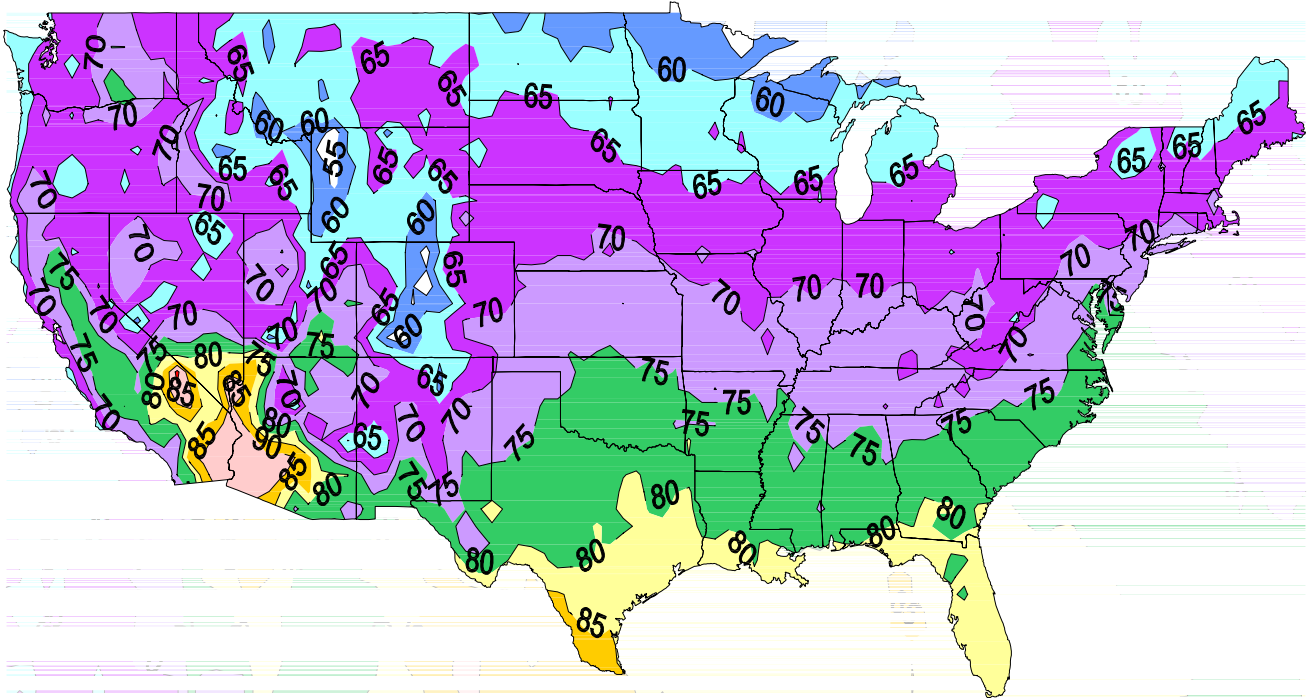


Percent of Normal
August 2004

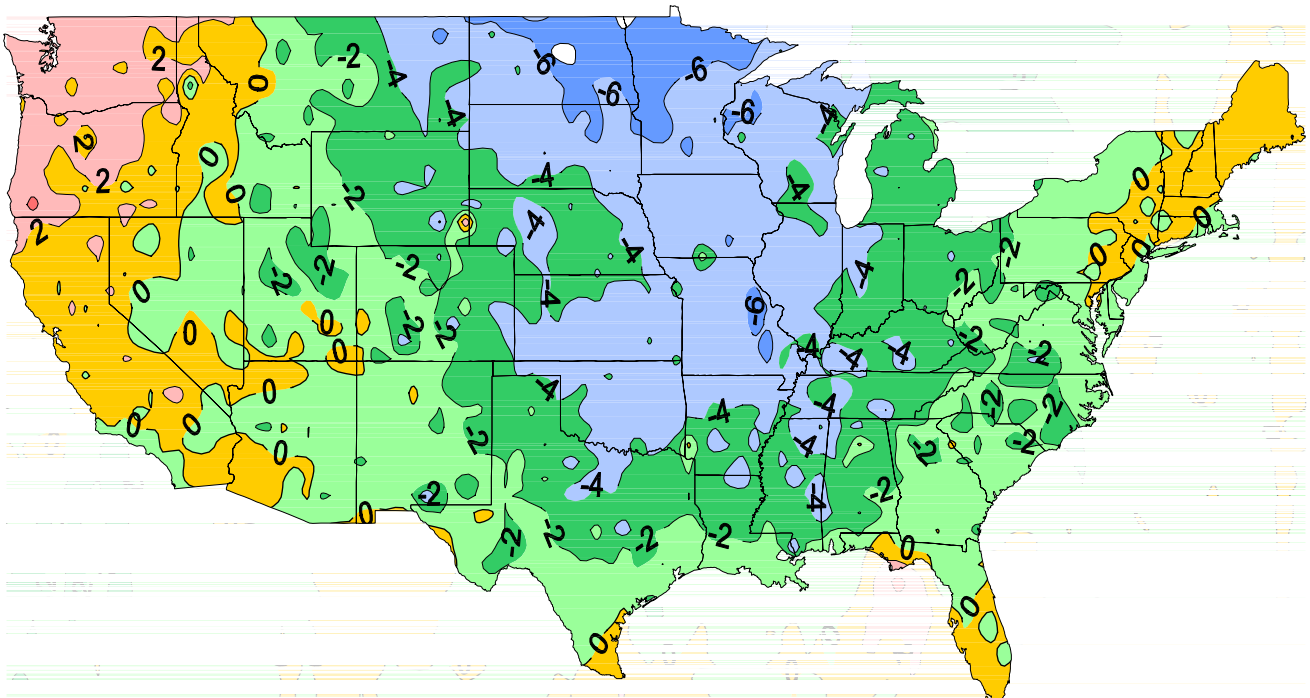


NOTE Contour maps are computer-generated and intended to show general temperature and precipitation patterns. Therefore, contours may not always account for individual datum points.

Average Temperature (Degrees F)
August 2004

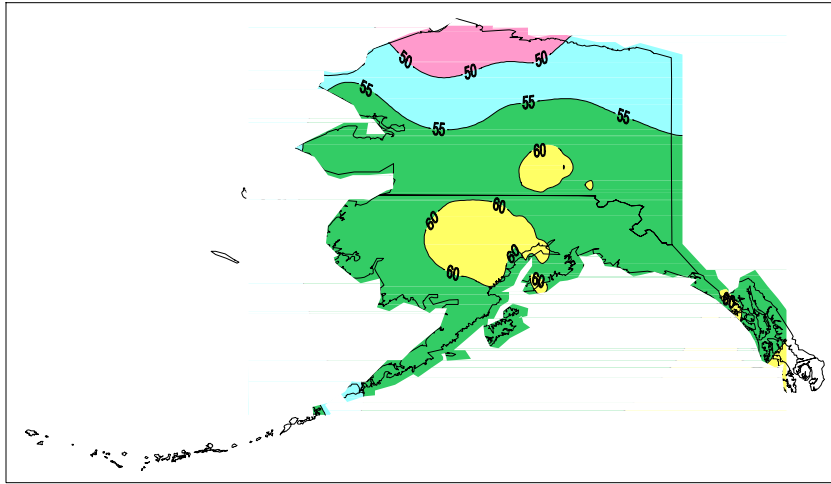


Departure of Average Temperature from Normal (Degrees F)
August 2004

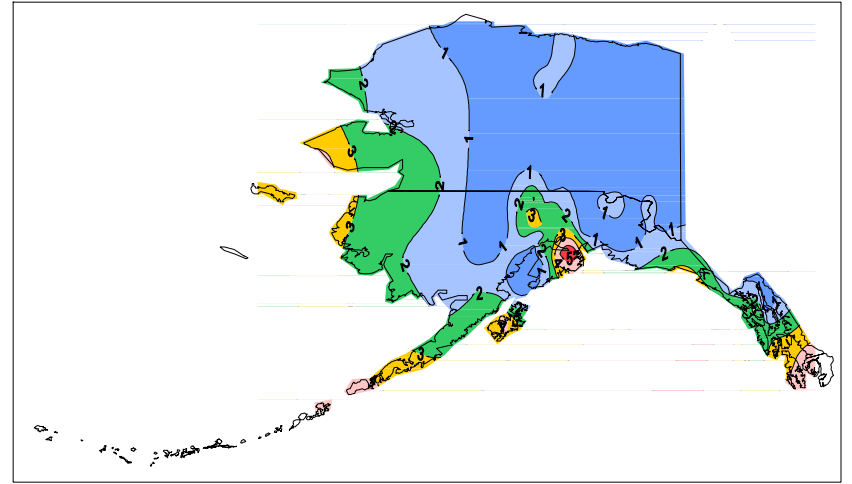


NOTE Contour maps are computer-generated and intended to show general temperature and precipitation patterns. Therefore, contours may not always account for individual datum points.

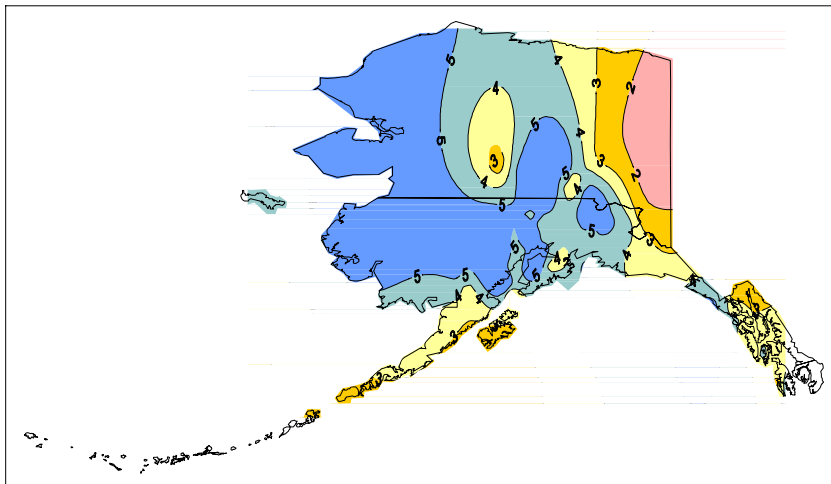
Average Temperature (Degrees F)
August 2004



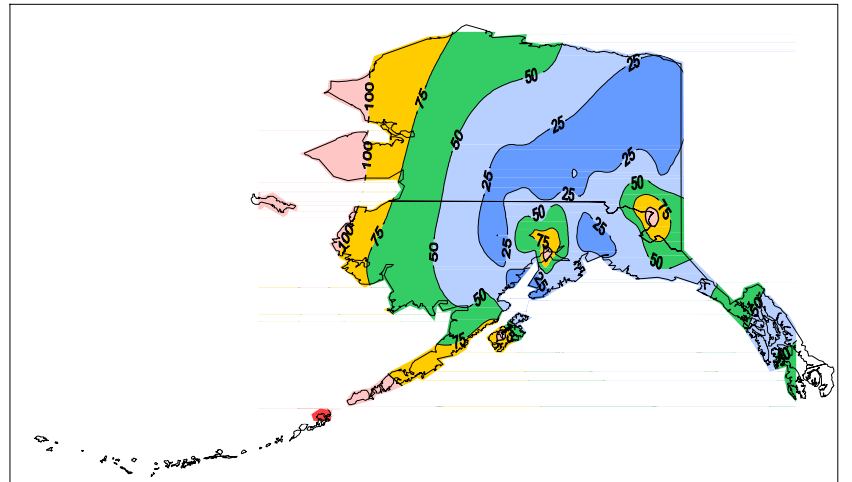
Alaska Precipitation (Inches)
August 2004



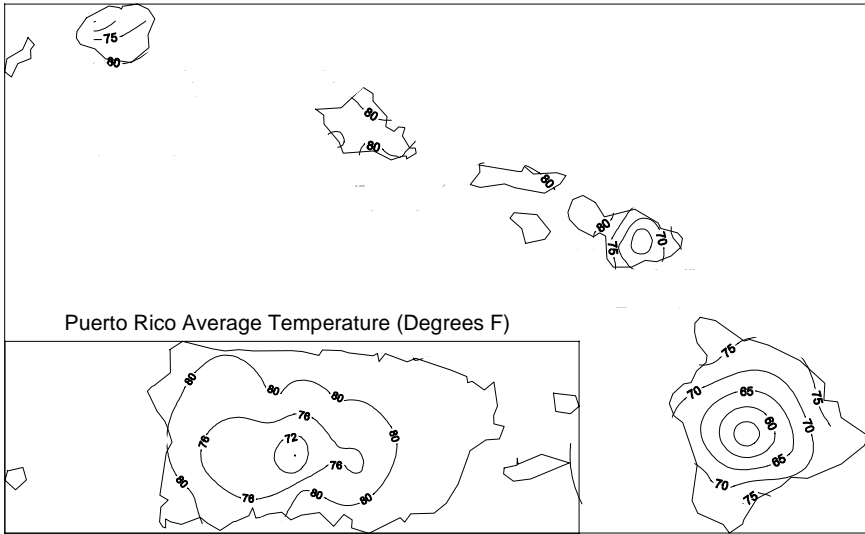
Departure of Average Temperature from Normal (Degrees F)
August 2004



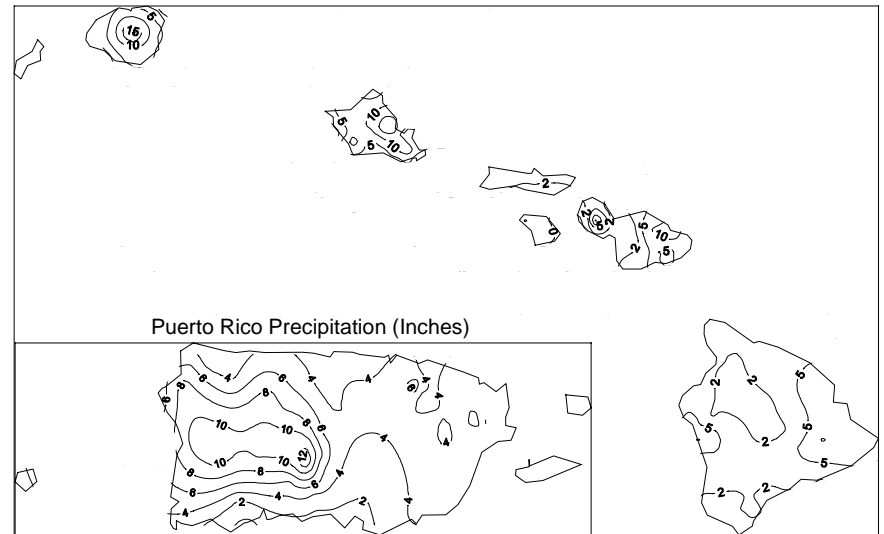
Percent of Normal Precipitation
August 2004



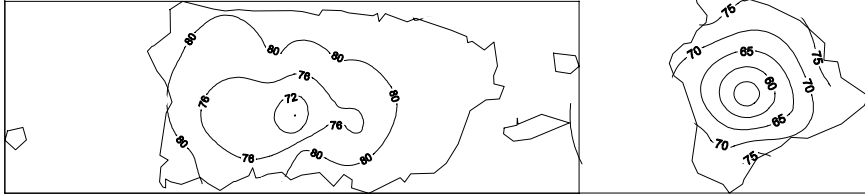
Hawaii Average Temperature (Degrees)
August 2004



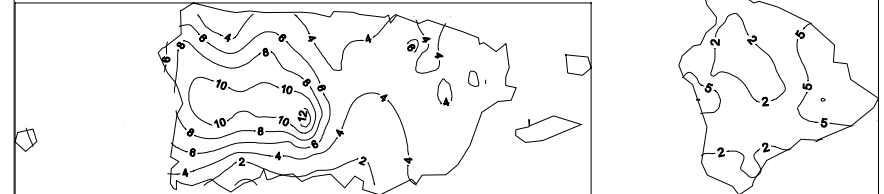
Hawaii Precipitation (Inches)
August 2004



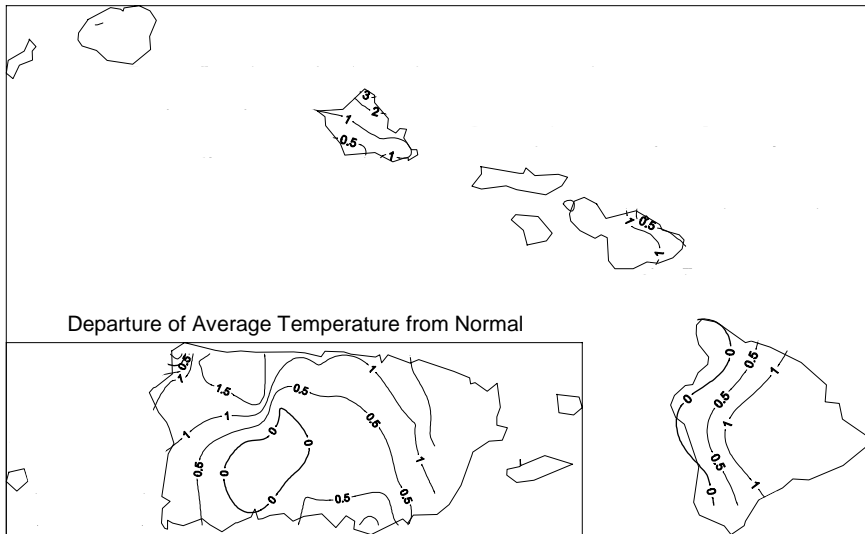
Puerto Rico Average Temperature (Degrees F)



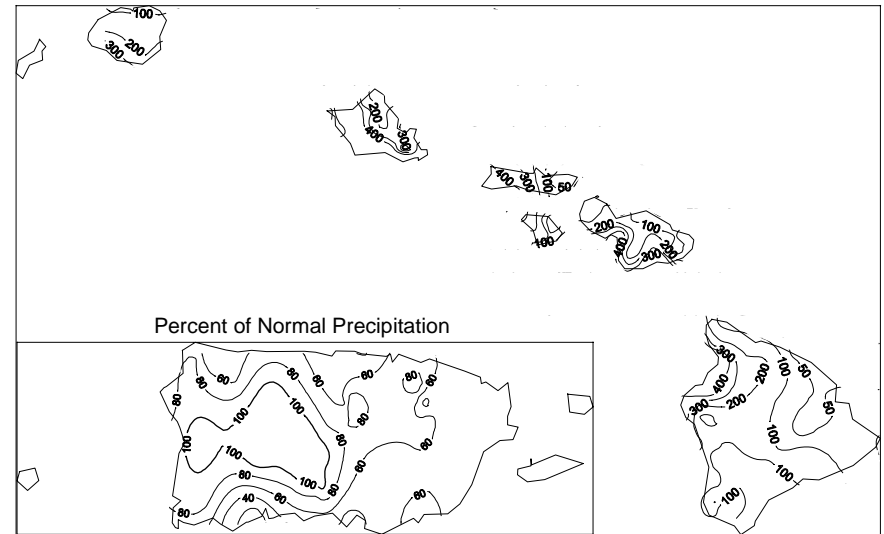
Puerto Rico Precipitation (Inches)



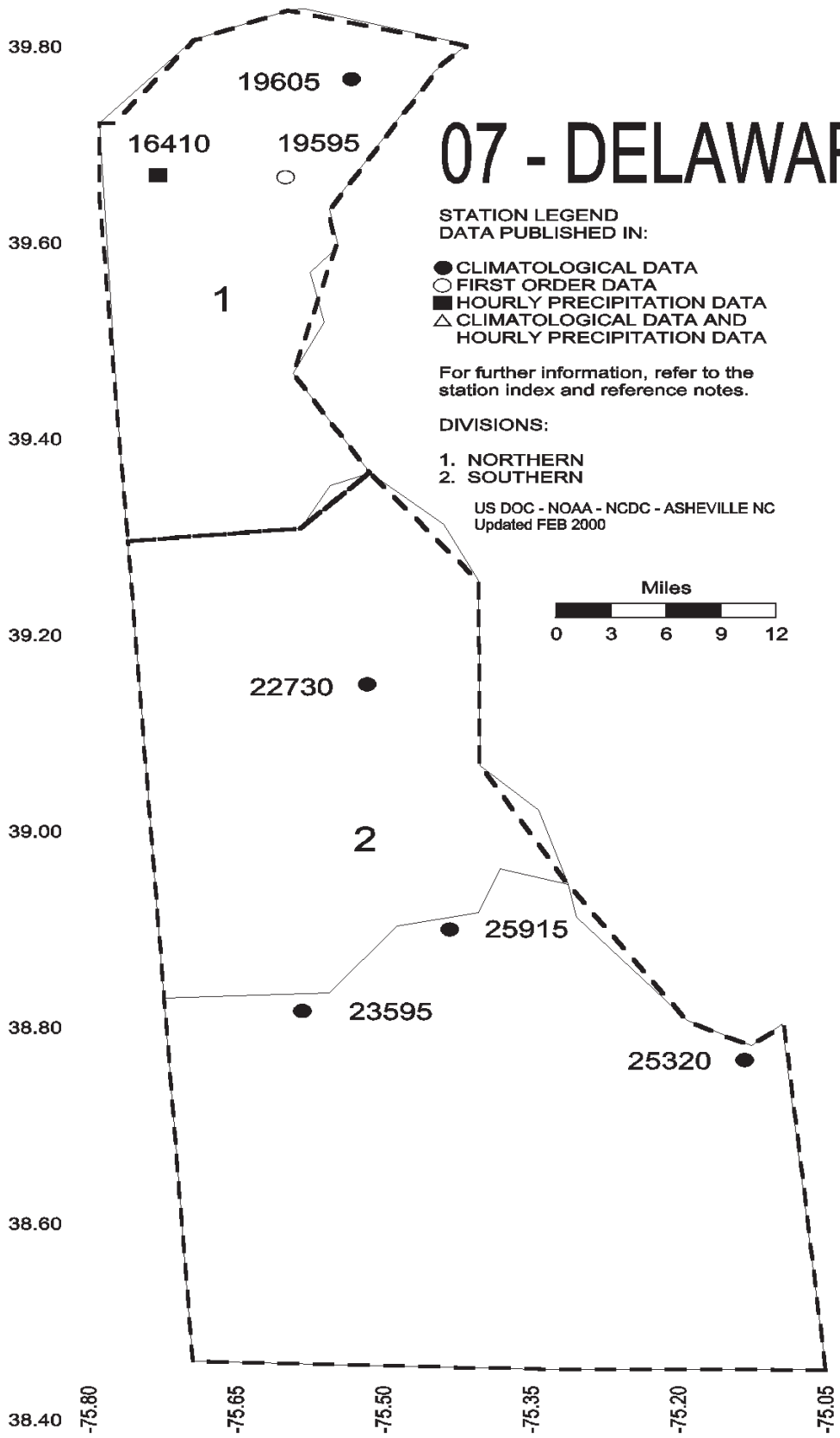
Departure of Average Temperature from Normal (Degrees)
August 2004



Hawaii Percent of Normal Precipitation
August 2004



07 - DELAWARE



STATION LEGEND
DATA PUBLISHED IN:

- CLIMATOLOGICAL DATA
- FIRST ORDER DATA
- HOURLY PRECIPITATION DATA
- △ CLIMATOLOGICAL DATA AND HOURLY PRECIPITATION DATA

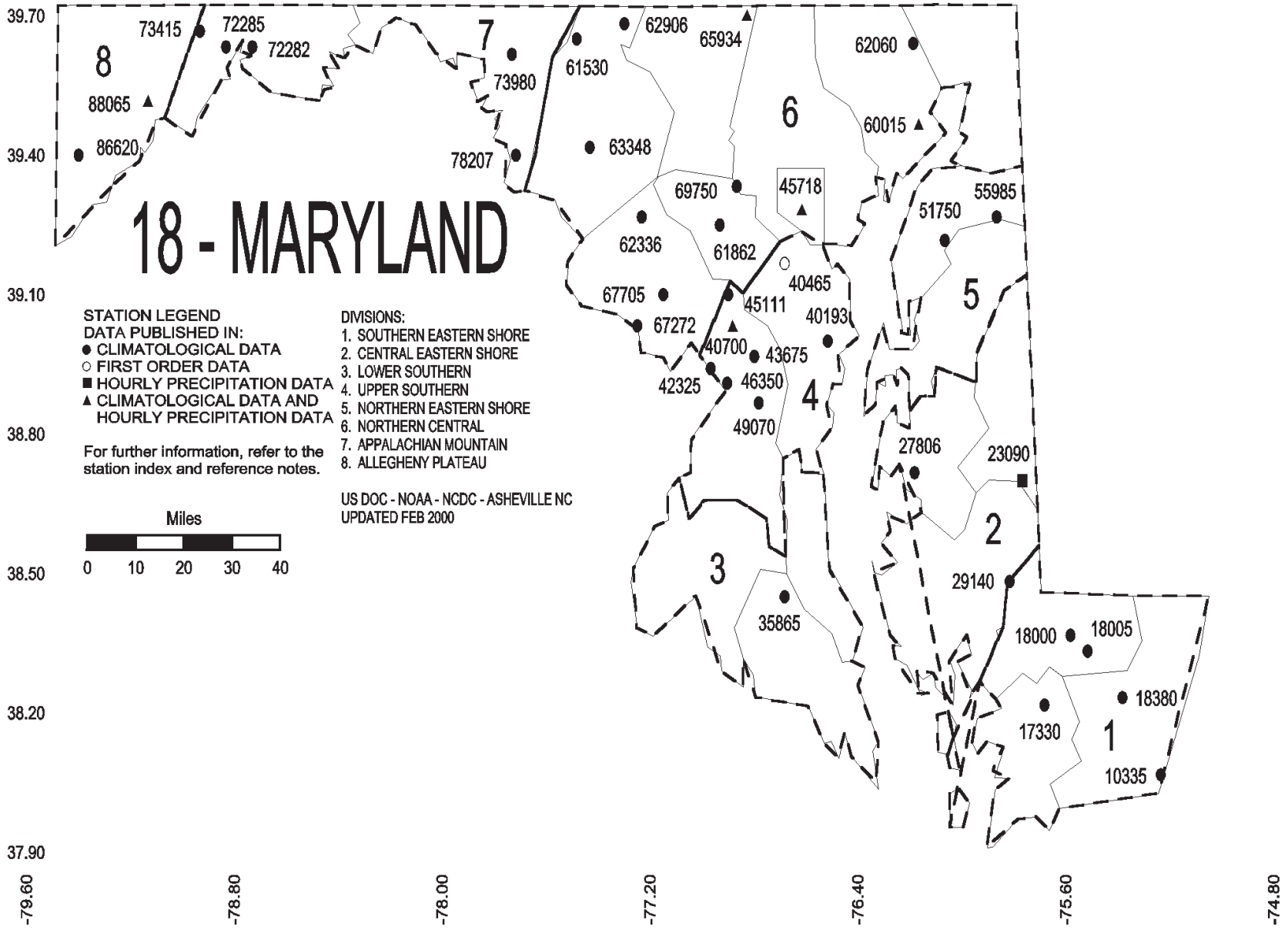
For further information, refer to the station index and reference notes.

DIVISIONS:

1. NORTHERN
2. SOUTHERN

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