

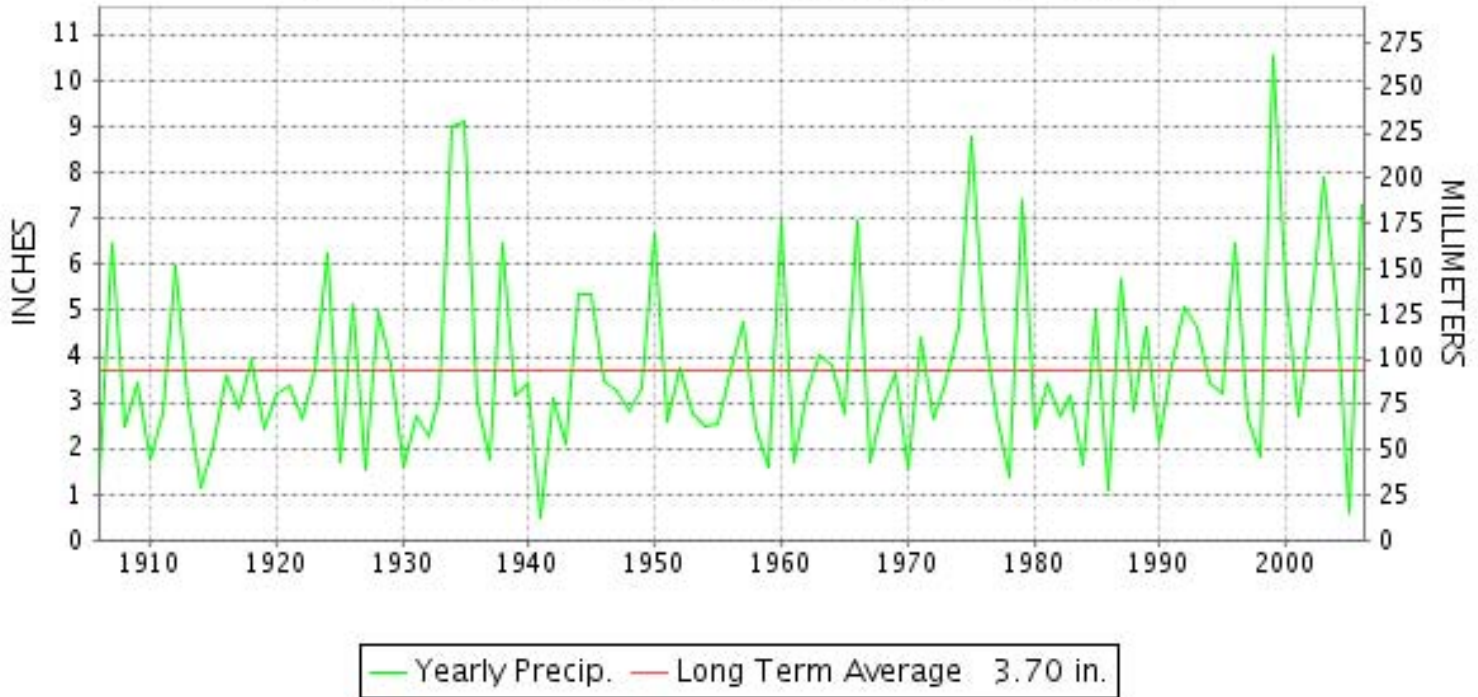


CLIMATOLOGICAL DATA MARYLAND AND DELAWARE



SEPTEMBER 2006
VOLUME 110 NUMBER 09
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SEPTEMBER PRECIPITATION BY YEAR



TEMPERATURE AND PRECIPITATION EXTREMES

MARYLAND

HIGHEST TEMPERATURE	88	SEPTEMBER 25+	2 STATIONS
LOWEST TEMPERATURE	33	SEPTEMBER 29	OAKLAND 1 SE
GREATEST TOTAL PRECIPITATION	13.56		MECHANICSVILLE 5 NE
LEAST TOTAL PRECIPITATION	2.86		OAKLAND 1 SE
GREATEST 1 DAY PRECIPITATION	8.10	SEPTEMBER 2	MECHANICSVILLE 5 NE

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DELAWARE

HIGHEST TEMPERATURE	85	SEPTEMBER 25+	2 STATIONS
LOWEST TEMPERATURE	40	SEPTEMBER 30	BEAR 2 SW
GREATEST TOTAL PRECIPITATION	7.47		WILMINGTON PORTER RSVR
LEAST TOTAL PRECIPITATION	5.78		DOVER
GREATEST 1 DAY PRECIPITATION	3.90	SEPTEMBER 2	GREENWOOD 2NE

MONTHLY STATION AND DIVISION SUMMARY

STATION	TEMPERATURE (°F)											PRECIPITATION (IN)												
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	HEATING DEG. DAYS	COOLING DEG. DAYS	NO. OF DAYS				TOTAL	DEPARTURE FROM NORMAL	GREATEST 24 HOURS	DATE	ICE PELLETS, SNOW			NO. OF DAYS		
											MAX		MIN						TOTAL	MAX DEPTH ON GROUND	DATE	.10 OR MORE	.50 OR MORE	1.00 OR MORE
											>=90	<=32	<=32	<=0										
FREDERICK 2 NNE	74.2	55.1	64.7		85	19	44	22+	61	57	0	0	0	0	6.44		1.71	2	.0	0		8	4	3
MILLERS 4 NE	71.6	53.6	62.6	-3.0	81	18+	39	30	95	32	0	0	0	0	5.39	1.25	1.52	2	.0	0		9	4	2
PORT DEPOSIT 2 NE	M	M	M																M	M				
ROCKVILLE 1 NE	72.8	58.1	65.5	-1.0	84	18	44	30	56	75	0	0	0	0	5.61	1.52	1.37	1	.0	0		9	3	2
SMITHSBURG 2NW	72.9	52.6	62.8		82	20+	39	22+	91	30	0	0	0	0	5.36		1.81	2	.0	0		9	3	2
--DIVISIONAL DATA-----> APPALACHIAN MOUNTAIN 07			64.1	-2.5											6.41	2.08			.0					
CUMBERLAND 2	75.8	54.3	65.1	-7	87	18	42	30+	58	68	0	0	0	0	2.96	-22	1.96	2	.0	0		6	1	1
CUMBERLAND POLICE BRK	M	M	M																M	M				
FROSTBURG 2	66.5	50.6	58.6	-1.7	80	19	37	30	188	4	0	0	0	0	4.32	.70	2.45	2	.0	0		10	1	1
HAGERSTOWN POLICE BRK	M	M	M																M	M				
SHARPSBURG 5 S	73.9	53.8	63.9		84	19	40	22	70	41	0	0	0	0	6.70		2.66	2	.0	0		8	4	2
WILLIAMSPORT	74.9	55.2	65.1		87	20	44	22	58	68	0	0	0	0	5.94		2.92	2	.0	0		7	3	1
--DIVISIONAL DATA-----> ALLEGHENY PLATEAU 08			63.2	-9											4.98	1.49			.0					
OAKLAND 1 SE	67.9	46.6	57.3	-3.5	79	19+	33	29	224	1	0	0	0	0	2.86	-70	.40	30	.0	0		11	0	0
SAVAGE RIVER DAM	68.1	51.9	60.0	-1.5	80	19	40	30	148	6	0	0	0	0	3.18	-30	1.66	2	.0	0		7	1	1
--DIVISIONAL DATA-----> DELAWARE NORTHERN 01			58.7	-1.8											3.02	-58			.0					
BEAR 2 SW	74.3	55.0	64.7		84	18	40	30	67	65	0	0	0	0	6.95		1.57	5	.0	0		6	6	3
NEWARK UNIV FARM	75.0	55.7	65.4	-2.3	84	18	43	30	52	71	0	0	0	0	7.35	3.07	2.16	2	.0	0		6	5	3
WILMINGTON NEW CASTLE R	74.0	57.0	65.5	-2.2	82	9	43	30	53	76	0	0	0	0	6.18	2.17	1.89	5	.0	0		7	5	3
WILMINGTON PORTER RSVR	73.0	58.4	65.7	-1.1	82	18+	46	30	49	78	0	0	0	0	7.47	3.52	2.82	5	.0	0		8	5	3
--DIVISIONAL DATA-----> SOUTHERN 02			65.3	-2.1											6.99	2.67			.0					
DOVER	77.3	59.4	68.4	-1.5	82	9	46	30	21	132	0	0	0	0	5.78	1.22	2.82	2	.0	0		6	2	2
GREENWOOD 2NE	75.5	56.4	66.0	-9	85	19	42	30	51	87	0	0	0	0	6.85	2.74	3.90	2	.0	0		9	2	2
LEWES	76.5	61.1	68.8	-1.4	85	25+	46	30	17	138	0	0	0	0	6.62	2.85	2.11	2	.0	0		8	5	2
--DIVISIONAL DATA----->			67.7	-6											6.42	2.27			.0					

MARYLAND AND DELAWARE
SEPTEMBER 2006

DAILY PRECIPITATION (INCHES)

STATION	TOTAL	DAY OF MONTH																														
		01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
MARYLAND																																
SOUTHERN EASTERN SHORE 01																																
ASSATEAGUE	7.69	5.76	.02		.60								.06	.41	.01	.40			.12					.12	.10					.09		
PRINCESS ANNE	8.81	6.31	*	*	.54									1.00	.16	.30				.12		*	*	.22						.16		
SALISBURY	8.29	3.40	2.95	T	.36	.02								.75	.30	.24									.15				.12	T		
SALISBURY FAA AP	9.27	6.80	.08		.59	T							.15	.83	.01	.14			.38			T	.09	.03				.04	.13			
SNOW HILL 4 N	10.36	5.10	2.47		.48									.83	.08	.09				.01	.02			1.10				.18				
CENTRAL EASTERN SHORE 02																																
ROYAL OAK 2 SSW	8.51	2.15	1.90		1.42						.03			.76	.71	.25			T				T	.23				1.06				
VIENNA	M10.80	5.50	-		3.23	.02								1.38	.15	.02			.02				.03					.42	.03			
LOWER SOUTHERN 03																																
MECHANICSVILLE 5 NE	13.56	.38	8.10	.02	T	1.66	.34					T		.60	.88	.34	.07				T			.02				1.15				
SOLOMONS	M9.81	1.19	*	3.80	*	.44	1.82		-					.32	.66	*	.08				T		-	.29				1.21				
UPPER SOUTHERN 04																																
BALTIMORE WASH INTL AP R	7.56	2.16	1.47		T	1.78	T			T	.03		T	.91	.10	.01			T			T	.03				1.03		.04			
BELTSVILLE	6.18	.09	2.45	.16		.73	.96				.04	.04		.48	.22													1.01				
DALECARLIA RESERVOIR	7.37	.20	2.80	.31		.92	.80	.01			.08			.58	.23	.07	.05	.02										1.30				
GLENN DALE BELL STN	8.55	.12	4.78	.06	.40		.81					.04		.53	.55	.05												1.21				
LAUREL 3 W	6.66	1.60	1.28		.02	1.93								.81	.04									.06			.90		.02			
MD SCI CTR BALTIMORE R	5.89	1.44	.82		.01	2.04				.01	.05			.45	.16	.01							.04			.83		.03				
NATIONAL ARBORETUM DC	6.79	.10	2.85	.10	T	1.07	.80				T	.02	T	.50	.29	.01	.07				T				T			.98				
OXON HILL	7.53	.17	2.73	.21		.47	1.06					T		.53	.41	.12	.16				T				T			1.67				
UPPER MARLBORO 3 NNW	10.08	.23	5.00	.06		.25	1.36			.12				.50	.57	.14	.01					.03			T			1.81				
NORTHERN EASTERN SHORE 05																																
CHESTERTOWN	6.43		1.61		T	1.62								1.29	.17	.03				T				T				1.11	.60	T		
NORTHERN CENTRAL 06																																
ABERDEEN PHILLIPS FLD	8.24	.11	*	*	*	4.21	.12				.09			.83	1.04			.04	T						.78			1.02				
CATOCTIN MOUNTAIN PARK	5.61	.21	2.50	.02		.62	.04				.98		.07	.59									.01	.13				.41	.03			
CONOWINGO DAM	7.97		1.00	1.00		.05	1.35				.09			.50	1.50	.38	.01								.18	1.00		.91				
CYLBURN	M5.43		2.12	*	*	.98	.01				.30	.05	.01	.69	.45	-	-				T		-	-	-	-		.82				
DAMASCUS 3 SSW	6.62	1.20	1.07		.02	1.62	.04			.80		.02	.80	T	.11					T			.03	.25			.57		.09			
FREDERICK 2 NNE	6.44		1.71	.14		.43	.95	.06			1.22	.24	.02	1.17	.07	.04									.01	.03		.35				
MILLERS 4 NE	5.39	.13	1.52	.03		.76	T		.14		.39		.05	1.08	.24	.05			T					.03			.20	.77				
PORT DEPOSIT 2 NE	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
POTOMAC FILTER PLANT	5.24	2.00	.54		.05	1.46		.01			.36		.02		.05								.02	.04			.64		.05			
ROCKVILLE 1 NE	5.61	1.37	.30		.04	1.32	.01				.34		.20	.94	.14	.01								.40			.47		.07			
SMITHSBURG 2NW	5.36		1.81	.49		.29	.12	.10			.70	.30	.05	1.00										.04	.06			.40				

MARYLAND AND DELAWARE
 SEPTEMBER 2006

DAILY PRECIPITATION (INCHES)

STATION	TOTAL	DAY OF MONTH																														
		01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
APPALACHIAN MOUNTAIN 07																																
CUMBERLAND 2	2.96		1.96	.19		.12	.02	.13				.01	.10	.07						.05	.01			.06	.01	.01				.22		
CUMBERLAND POLICE BRK	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
FROSTBURG 2	4.32	T	2.45	.15		.13	.22	.16		.01		.08	.06	.15	.25		.10	T		.06	.01			.22	.01	.08				.17	.01	
HAGERSTOWN POLICE BRK	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
SHARPSBURG 5 S	6.70	T	2.66	.35		.57	.62	.26		*	*	.13	.08	.02	1.26	.01	.06	T					.06	.02	.03				.42	.15		
WILLIAMSPORT	5.94		2.92	.48		.22	.23					.70	.42		.78	.04							.04	.04	.01				.06			
ALLEGHENY PLATEAU 08																																
OAKLAND 1 SE	2.86	.10			.30	.24					.02		.10	.20	.01				.09				.20	.35	.37				.38	.10	.40	
SAVAGE RIVER DAM	3.18	.08	1.66	.09	T	.22	.26	.08				.04	T	.12	.13		T						.15		.08				.24	.03		
DELAWARE NORTHERN 01																																
BEAR 2 SW	6.95	.93	1.47	.01	T	1.57				T			T	1.36	.07	.02				.03		T	T	.68				.73	.06	.02		
NEWARK UNIV FARM	7.35	.04	2.16			2.14								.72	1.12					.05				.39				.66	.05	.02		
WILMINGTON NEW CASTLE R	6.18	.64	1.10			1.89	T		T	T	T		T	1.24	.19	T				.03				.32				.71	.03	.03		
WILMINGTON PORTER RSVR	7.47	.61	1.09			2.82					.35			1.09	.47							T		.23				.74	.07			
SOUTHERN 02																																
DOVER	5.78	.33	2.82	T		1.37	.03							.33	.32	.07											.06			.45		
GREENWOOD 2NE	6.85	.13	3.90			.25	1.12							.22	.48	.07		.02								.18			.30			
LEWES	6.62	1.60	2.11			.77	.08							.43	.57	.27				.02					.06				.13			

MARYLAND AND DELAWARE
SEPTEMBER 2006

DAILY TEMPERATURES (°F)

STATION	OB. TIME	MAX/MIN	DAY OF MONTH																															AVERAGE
			01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
MD SCI CTR BALTIMORE M	MID	MAX	67	71	78	81	70	77	82	83	85	82	70	71	70	69	72	77	84	84	80	70	70	72	81	85	76	77	77	79	67	67	75.8	
		MIN	61	61	62	67	63	64	64	67	68	67	62	62	62	64	67	65	66	66	57	52	55	66	67	61	57	61	57	55	52	62.0		
NATIONAL ARBORETUM DC	07	MAX	74	65	69	77	79	65	78	83	82	86	83	68	71	68	68	75	73	82	86	79	68	70	71	81	83	76	77	78	66	75.3		
		MIN	63	60	59	63	64	62	60	63	64	61	64	61	59	61	59	61	59	61	65	58	48	49	52	68	60	51	53	56	55	46	58.8	
OXON HILL	08	MAX	76	66	69	78	78	66	79	83	83	85	82	69	71	69	69	75	72	83	84	79	69	71	70	81	83	76	74	76	67	75.4		
		OBS																									***	***						
		MIN	63	61	59	63	63	63	60	62	63	62	64	61	60	60	61	63	61	62	62	60	49	49	51	66	59	53	53	58	55	46	59.1	
		OBS																								***	***							
UPPER MARLBORO 3 NNW	08	MAX	75	67	69	78	80	65	77	81	82	85	81	70	71	68	69	74	73	83	84	80	69	71	71	80	83	77	78	77	79	66	75.4	
		MIN	62	60	57	61	63	61	58	59	61	60	62	59	55	59	58	61	59	59	61	55	45	45	47	67	55	49	50	53	53	42	56.5	
NORTHERN EASTERN SHORE 05																																		
CHESTERTOWN	23	MAX	69	78	77	80	72	77	82	85	83	80	71	71	69	71	78	72	82	84	79	74	68	72	82	82	74	76	75	79	67	67	75.9	
		OBS																																
		MIN	60	59	59	60	62	60	60	64	64	64	62	60	56	64	64	64	61	60	67	59	51	47	55	65	58	58	52	57	50	46	58.9	
NORTHERN CENTRAL 06																																		
ABERDEEN PHILLIPS FLD	16	MAX	73				65	75	80	82	83		70	70	70	69	72			84	84	77	70	71	80		74	75	76	80	79	67	75.0	
		MIN	66				63	60	57	59		64	60	59	62	64			60	66	57	48	48				53	53	53	60	53	44	57.6	
CATOCTIN MOUNTAIN PARK	17	MAX	67	61	66	75	63	72	77	78	80	78	73	61	60	70	70	69	79	81	73	69	64	64	73	73	70	74	71	71	69	56	70.2	
		MIN	55	52	53	54	58	58	56	61	60	59	55	53	53	55	59	60	59	61	63	53	43	48	57	64	54	53	52	52	46	45	55.0	
CONOWINGO DAM	07	MAX	78	70	72	75	83	66	77	83	84	83	84	72	74	65	70	70	78	84	84	85	72	73	74	80	82	77	75	77	80	73	76.7	
		OBS	92	82																														
		MIN	60	60	60	52	58	59	59	54	54	54	55	50	50	60	55	58	54	54	58	51	40	40	46	58	47	41	51	54	46	46	52.8	
		OBS																																
CYLBURN	08	MAX	72	63	67	74	77	63	72	78	80	81	78	67	67	66	67	67	70	78	83	75	67	65	68	78	79	70	72	74	75	61	71.8	
		MIN	57	57	57	63	63	60	57	58	60	60	59	57	57	58	60	61	59	60	60	57	47	47	62	63	57	55	52	53	50	44	57.0	
DAMASCUS 3 SSW	22	MAX	64	63	73	76	65	72	79	81	78	78	65	63	65	71	74	77	77	81	74	64	65	65	77	77	72	70	72	75	65	60	71.3	
		OBS										66																						
		MIN	56	55	55	58	60	58	56	59	58	58	56	56	56	57	58	57	57	59	58	52	42	48	58	59	50	48	54	53	48	43	54.7	
FREDERICK 2 NNE	07	MAX	74	64	66	76	80	68	77	83	84	84	83	65	68	65	70	75	72	82	85	79	62	69	69	80	78	74	75	77	76	65	74.2	
		MIN	61	56	57	57	61	60	55	55	57	58	58	59	59	58	55	56	58	58	58	53	44	44	47	62	57	52	53	50	50	45	55.1	
MILLERS 4 NE	18	MAX	67	66	71	77	72	74	77	77	81	79	74	65	62	64	66	71	79	81	77	73	64	67	77	77	70	71	73	74	63	60	71.6	
		MIN	56	53	54	57	58	57	52	56	55	57	56	54	50	57	58	60	56	56	60	53	41	43	57	66	53	47	49	52	47	39	53.6	
PORT DEPOSIT 2 NE	07	MAX																																M
		MIN																																M
ROCKVILLE 1 NE M	MID	MAX	65	66	78	77	66	79	79	83	82	80	65	67	67	66	73	70	80	84	76	64	66	70	80	80	72	72	75	76	62	64	72.8	
		MIN	57	57	60	66	62	60	58	61	62	61	59	61	64	58	59	62	60	60	63	53	48	48	63	62	59	54	55	55	51	44	58.1	
		OBS																																
SMITHSBURG 2NW	08	MAX	74	63	63	73	77	69	74	80	81	82	81	68	68	63	73	75	73	78	82	82	64	67	68	79	76	72	72	73	74	63	72.9	
		OBS		74																														
		MIN	61	55	53	55	53	58	53	52	57	54	56	58	58	56	54	54	57	57	56	51	39	39	50	63	51	49	46	46	46	40	52.6	
APPALACHIAN MOUNTAIN 07																																		

MARYLAND AND DELAWARE
SEPTEMBER 2006

DAILY TEMPERATURES (°F)

STATION	OB. TIME	MAX/MIN	DAY OF MONTH																															AVERAGE
			01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
CUMBERLAND 2	07	MAX	68	70	75	82	75	81	82	82	86	83	78	66	67	78	78	74	77	87	85	76	70	70	81	80	75	76	77	72	63	60	75.8	
		OBS MIN	57	57	55	55	57	56	57	57	57	59	61	60	60	56	56	61	58	58	57	55	44	48	48	62	47	48	50	49	42	42	54.3	
CUMBERLAND POLICE BRK	17	MAX MIN																														M M		
FROSTBURG 2	07	MAX	64	55	59	64	75	63	70	74	73	76	76	57	55	59	68	66	68	77	80	69	56	64	63	76	69	65	67	69	65	54	66.5	
		MIN	55	51	52	50	50	56	51	51	54	53	53	54	53	55	56	57	52	52	52	48	41	41	45	59	54	46	47	47	45	37	50.6	
HAGERSTOWN POLICE BRK	17	MAX MIN																														M M		
SHARPSBURG 5 S	07	MAX	73	63	66	75	78	70	76	80	81	82	81	64	68	66	74	77	73	81	84	78	66	67	71	81	78	74	75	76	75	63	73.9	
		OBS MIN	63	56	55	57	56	59	54	54	55	55	59	60	59	58	57	57	59	57	57	51	41	40	47	63	51	46	46	54	47	41	53.8	
		OBS									***	***	***																			***		
WILLIAMSPORT	06	MAX	73	63	66	74	79	72	76	81	83	84	84	63	66	68	75	79	74	81	84	87	67	70	77	80	76	76	75	75	74	65	74.9	
		MIN	63	56	55	59	55	61	56	56	60	59	57	60	58	58	55	56	61	59	59	55	45	44	46	67	55	49	47	50	50	45	55.2	
ALLEGHENY PLATEAU 08																																		
OAKLAND 1 SE	07	MAX	78	59	61	61	71	64	72	76	78	76	79	67	67	63	67	69	67	77	79	69	51	63	65	78	67	64	66	69	62	52	67.9	
		OBS MIN	59	61	61	71	64	72	76	78	76	79	67	67	63	67	69	67	77	79	69	51	63	66	78	67	64	66	69	62	52	56	46.6	
		OBS																																
SAVAGE RIVER DAM	08	MAX	66	59	62	66	73	65	73	74	75	77	77	61	60	62	70	70	70	79	80	71	56	63	64	77	70	66	68	69	63	56	68.1	
		MIN	59	53	54	50	51	58	53	53	53	52	55	56	57	57	57	58	57	53	52	53	43	43	43	58	57	45	45	46	46	40	51.9	
DELAWARE																																		
NORTHERN 01																																		
BEAR 2 SW M	MID	MAX	67	71	75	79	67	77	81	81	83	79	70	70	70	69	74	76	81	84	76	69	69	72	79	79	74	75	74	77	65	65	74.3	
		MIN	59	60	58	60	61	59	55	56	59	59	53	48	52	64	65	63	58	57	57	53	43	43	62	62	52	46	49	52	45	40	55.0	
NEWARK UNIV FARM	17	MAX	72	72	74	78	76	75	82	78	81	79	73	72	70	72	73	78	82	84	77	70	70	71	79	78	75	73	72	75	74	66	75.0	
		OBS MIN	53	51	50	60	60	55	58	57	63	58	56	53	50	63	64	64	62	63	61	56	46	45	60	61	58	46	57	55	44	43	55.7	
WILMINGTON NEW CASTLE M	MID	MAX	67	72	74	79	68	76	80	80	82	80	69	70	69	69	75	78	81	81	75	70	69	71	79	79	73	74	73	76	66	65	74.0	
		MIN	60	62	59	62	61	60	57	59	63	62	53	51	56	65	65	63	60	59	59	53	47	47	63	63	55	49	50	57	47	43	57.0	
WILMINGTON PORTER RSVRM	MID	MAX	66	71	74	76	68	76	78	80	82	78	68	67	68	74	74	78	82	76	68	68	71	77	79	74	72	75	76	63	64	73.0		
		MIN OBS	58	59	59	62	61	60	60	61	62	63	55	53	55	64	65	64	63	62	63	55	48	50	62	65	61	51	56	57	51	46	58.4	
SOUTHERN 02																																		
DOVER	16	MAX	72	74	73	80	80	77	81	80	82	80	77	70	72	72	79	79	80	81	81	80	69	74	81	81	81	77	77	80	80	69	77.3	
		MIN	64	62	61	64	63	62	60	63	65	63	60	54	55	64	66	64	64	64	65	55	50	47	65	69	60	52	52	57	47	46	59.4	
GREENWOOD 2NE	07	MAX	73	69	68	74	81	67	78	81	82	84	78	70	69	72	72	77	75	82	85	80	70	69	73	80	84	74	76	76	79	67	75.5	
		MIN	65	64	57	59	63	61	57	57	59	60	60	50	50	53	65	65	59	59	60	59	49	45	45	66	58	50	49	49	56	42	56.4	

DAILY TEMPERATURES (°F)

STATION	OB. TIME	MAX/MIN	DAY OF MONTH																															AVERAGE
			01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
LEWES	17	MAX MIN OBS	70 65	73 69	73 60	80 64	75 67	76 64	79 62	80 63	82 62	78 65	72 65	69 60	73 53	71 65	76 68	76 67	80 64	83 62	85 68	76 62	70 52	73 49	80 60	85 73	85 62	75 53	76 53	78 53	75 56	72 46	76.5 61.1	

EVAPORATION AND WIND

STATION		DAY OF MONTH																															TOTAL OR AVERAGE
		01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
MARYLAND UPPER SOUTHERN 04 BELTSVILLE	WIND	76	*	*	*	*	240	22	18	*	*	77	26	26	27	19	70	*	58	21	23	59	*	*	*	138	48	*	42	57	-	1083	
	EVAP	15	-	-	-	-	-	11	16	*	*	48	11	10	4	-	7	*	18	19	8	19	*	*	*	47	18	*	30	23	-	3.96	
	MAX	73	-	-	-	-	79	78	85	-	-	86	77	72	64	66	70	-	86	87	75	70	-	-	-	79	76	-	77	78	-	M	
	MIN	60	-	-	-	-	57	59	62	-	-	61	58	58	59	58	58	-	58	62	54	45	-	-	-	45	49	-	49	52	-	M	
UPPER MARLBORO 3 NNW	WIND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	M	
	EVAP	14	-	2	13	15	0	9	15	*	30	17	7	12	-	8	5	*	18	14	12	20	12	*	*	37	17	12	16	31	-	3.73	
	MAX	80	64	71	86	87	67	84	91	92	94	92	73	82	71	71	75	75	91	93	82	79	80	78	82	83	84	84	81	83	72	80.9	
	MIN	62	60	62	63	66	62	62	62	64	64	64	61	59	59	61	61	62	62	64	58	49	49	49	51	62	58	52	53	55	56	51	59.1

Evaporation: Is measured in hundredths of inches.

Wind: Is measured in miles.

Max and Min: The maximum and minimum temperatures (Fahreheit) 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											
ABERDEEN PHILLIPS FLD	0015	06	HARFORD	39 28	76 10W	57	16	16		C H	US ARMY ABERDEEN TEST CT
ASSATEAGUE	0335	01	WORCESTER	38 4	75 13W	10	MID	MID		H	ASSATEAGUE IS NATL SEA
BALTIMORE WASH INTL AP R	0465	04	ANNE ARUNDEL	39 10	76 41W	156	MID	MID		C HJ	ASOS - FAA
BELTSVILLE	0700	04	PRINCE GEORG	39 2	76 56W	145	08	08	08	C H	USDA AGRI RESEARCH CTR W
CATOCTIN MOUNTAIN PARK	1530	06	FREDERICK	39 39	77 29W	1610	17	17		H	CATOCTIN MOUNTAIN PK
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	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	07	07		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	INACTIVE 10/01/2005
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 R	5718	04	BALTIMORE (C	39 17	76 37W	20	MID	MID		C H	ASOS - NWS
MECHANICSVILLE 5 NE	5865	03	ST. MARY'S	38 28	76 42W	100	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	GARRETT CO MEM HOSPITAL
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 EAST 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 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	17	17	17	C H	UNIV OF DE AGR FARM
WILMINGTON NEW CASTLE R	9595	01	NEW CASTLE	39 40	75 36W	79	MID	MID		C HJ	ASOS - FAA
WILMINGTON PORTER RSVR	9605	01	NEW CASTLE	39 46	75 32W	270	MID	MID		H	WILMINGTON WATER DEPT

REFERENCE NOTES

DEFINITIONS

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

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

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

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

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

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

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

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

SYMBOLS AND LETTERS USED IN THE STATION INDEX TABLE

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

SS Observation time near sunset.
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."

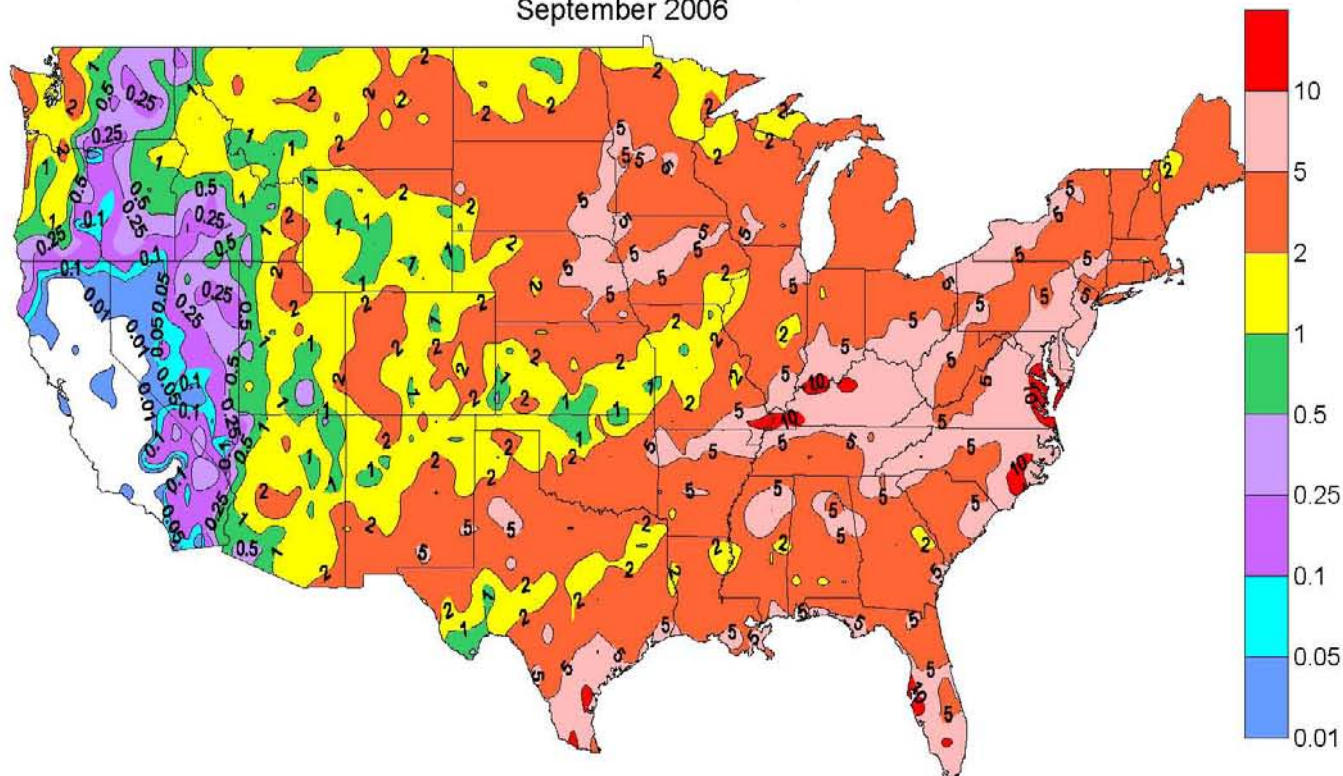
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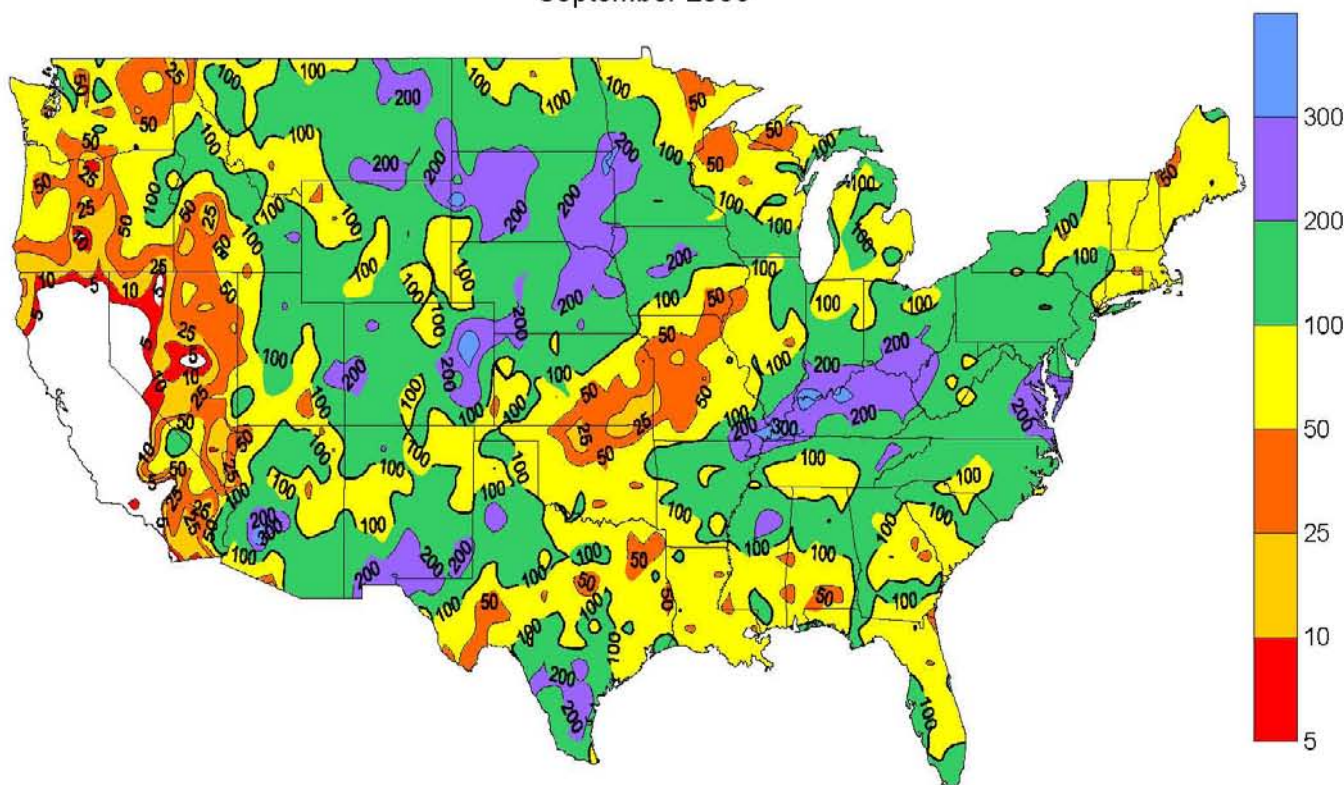
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Total Precipitation (Inches)
September 2006



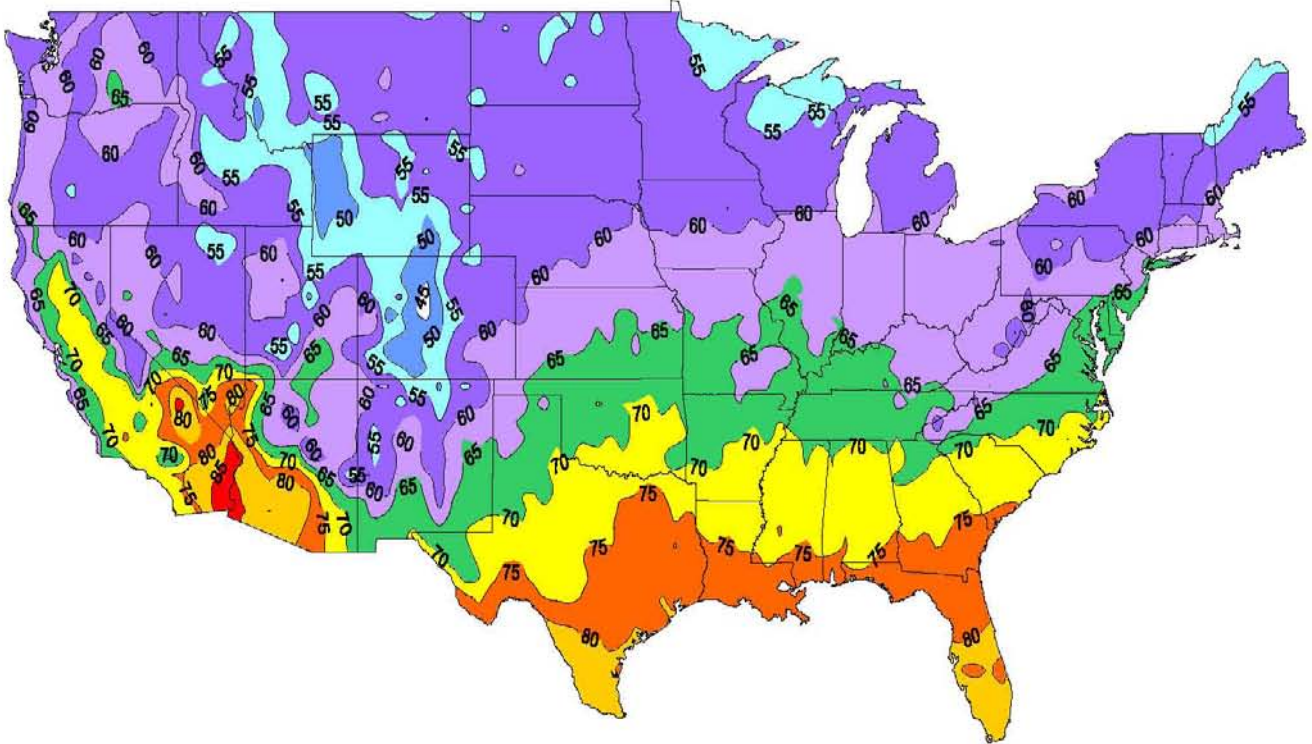
Percent of Normal
September 2006



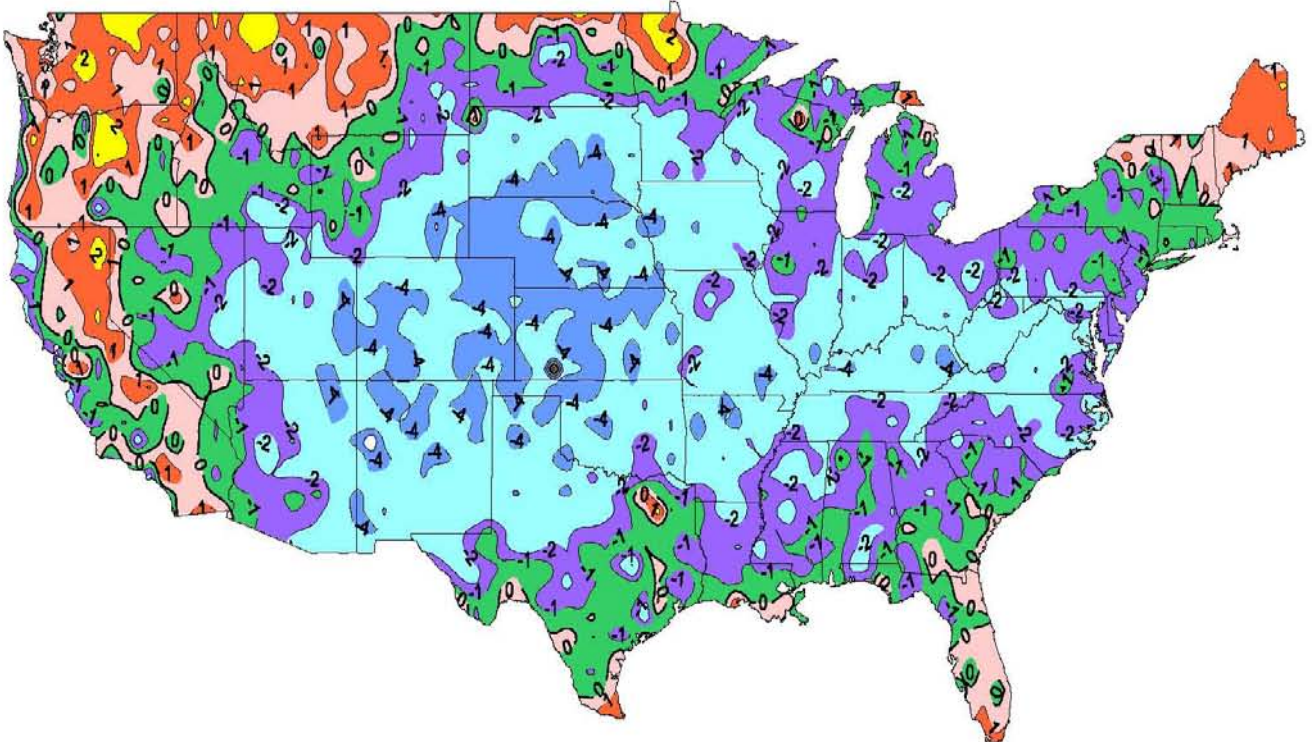
NOTE Contour maps are computer-generated and intended to show general temperature and precipitation patterns. Therefore, contours may not always account for individual datum points.

National Climatic Data Center, NOAA

Average Temperature (Degrees F)
September 2006

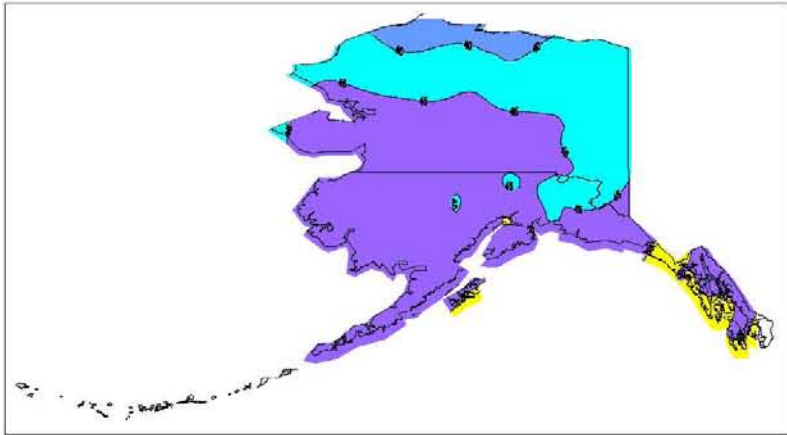


Departure of Average Temperature from Normal (Degrees F)
September 2006

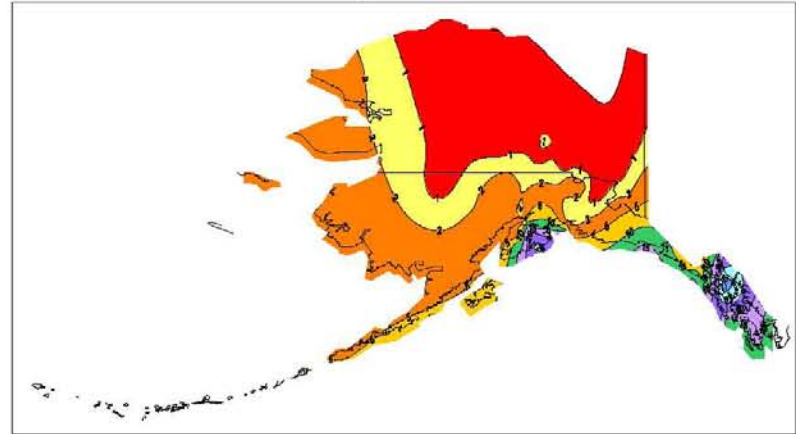


NOTE Contour maps are computer-generated and intended to show general temperature and precipitation patterns. Therefore, contours may not always account for individual datum points.

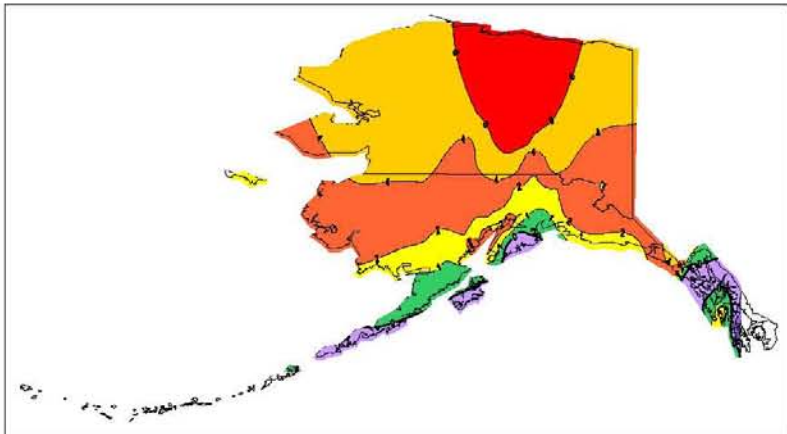
Average Temperature (Degrees F)
September 2006



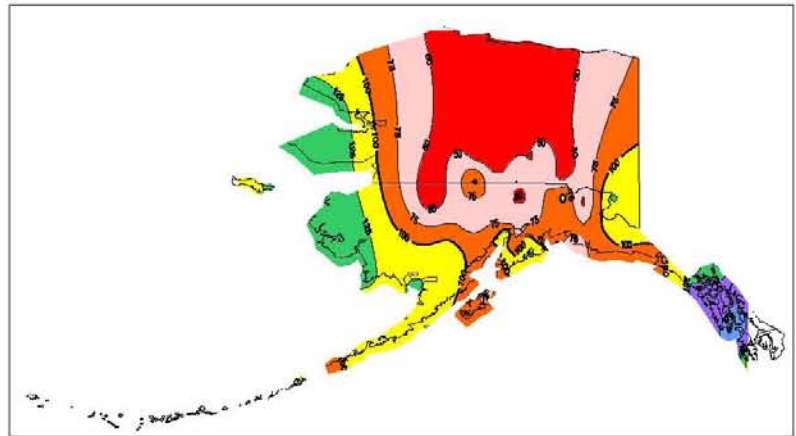
Alaska Precipitation (Inches)
September 2006



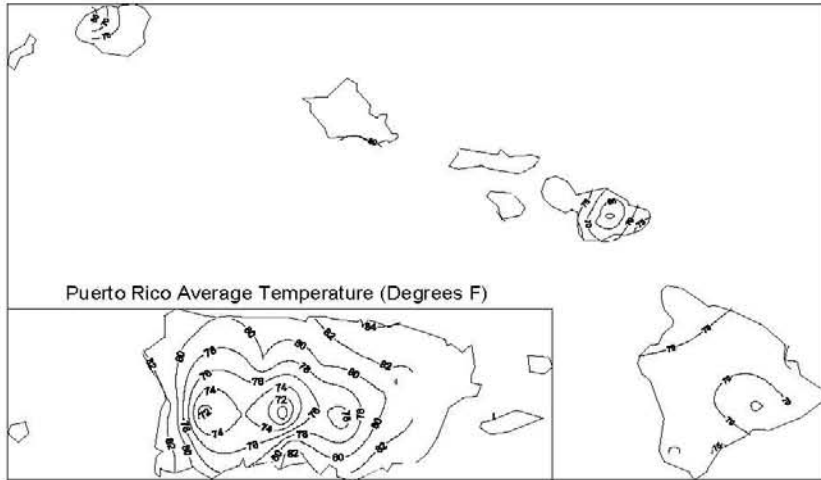
Departure of Average Temperature from Normal (Degrees F)
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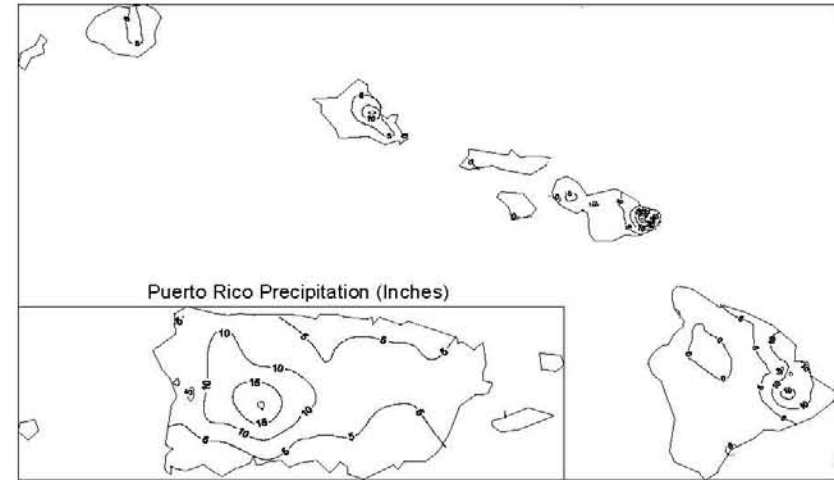
Percent of Normal Precipitation
September 2006



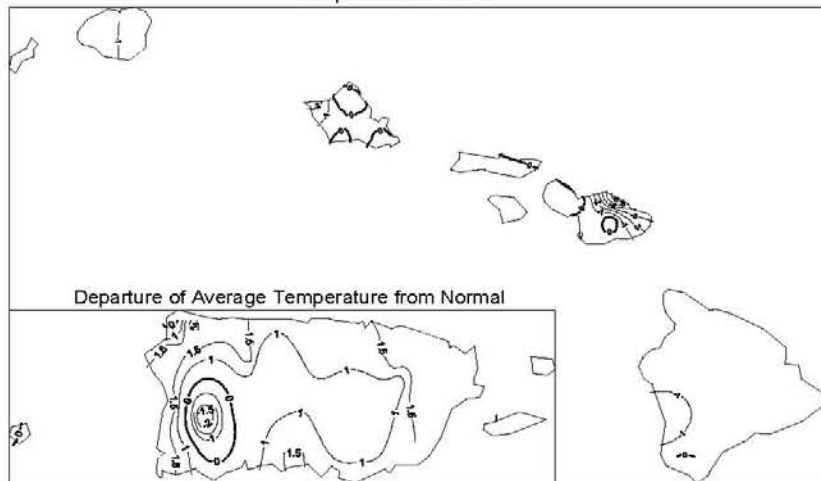
Hawaii Average Temperature (Degrees)
September 2006



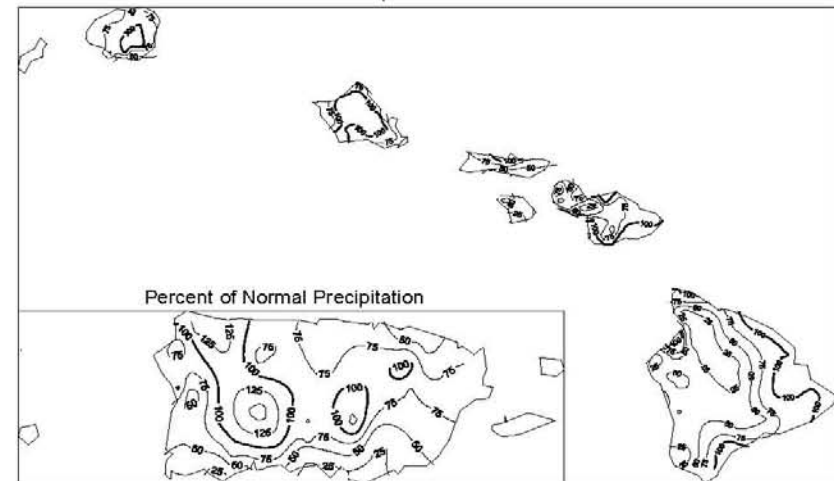
Hawaii Precipitation (Inches)
September 2006



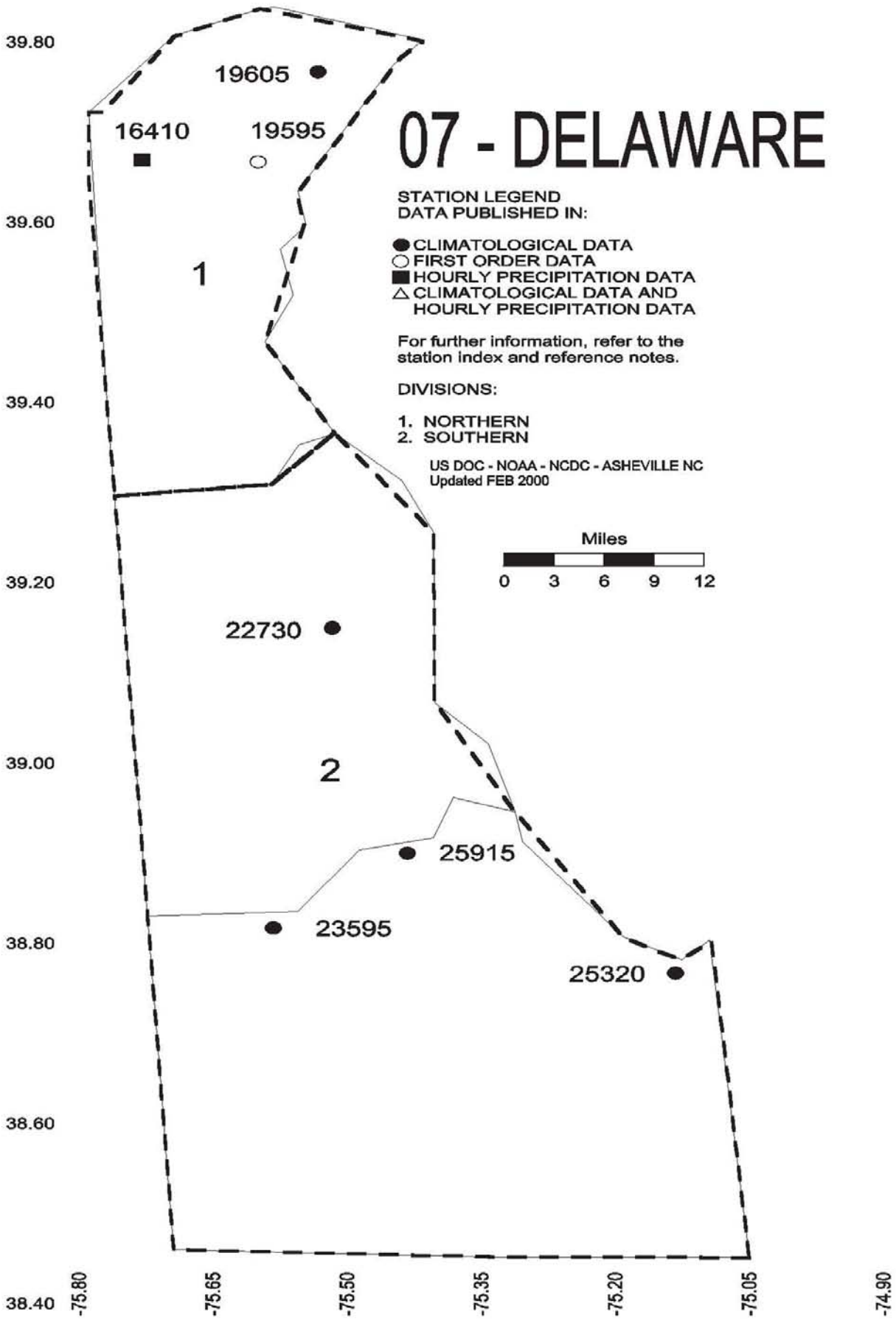
Departure of Average Temperature from Normal (Degrees)
September 2006

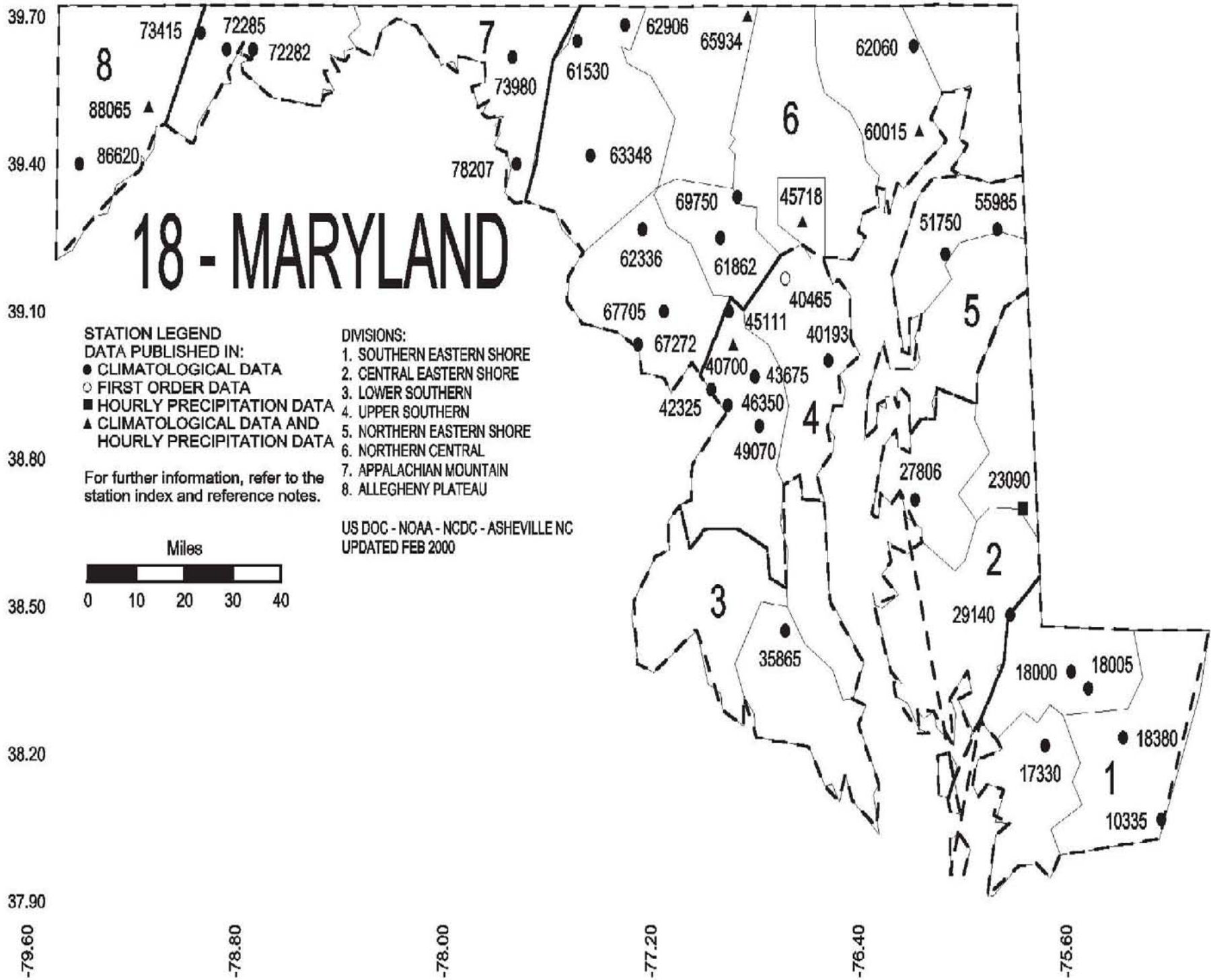


Hawaii Percent of Normal Precipitation
September 2006



07 - DELAWARE





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