

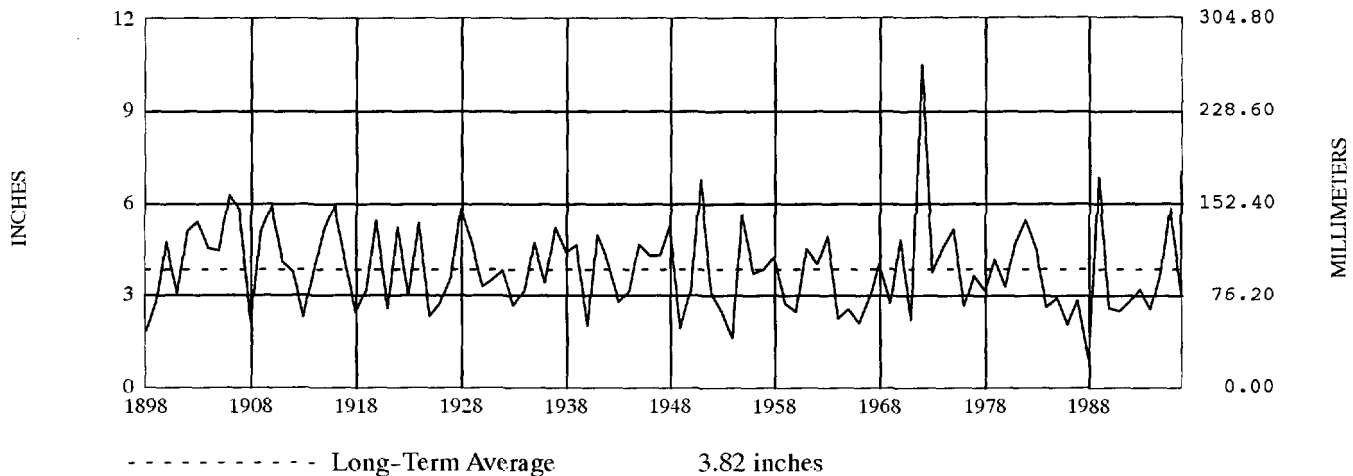
CLIMATOLOGICAL DATA

MARYLAND AND DELAWARE

JUNE 1997

VOLUME 101 NUMBER 06

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MARYLAND AND DELAWARE PRECIPITATION JUNE, 1898-1997

TEMPERATURE AND PRECIPITATION EXTREMES

MARYLAND

HIGHEST TEMPERATURE 104 JUNE 25
LOWEST TEMPERATURE 35 JUNE 3
GREATEST TOTAL PRECIPITATION 7.35
LEAST TOTAL PRECIPITATION .68
GREATEST 1 DAY PRECIPITATION 2.26 JUNE 13

BALTIMORE CITY R
EMMITSBURG 2 SE
OAKLAND 1 SE
CONOWINGO DAM
OAKLAND 1 SE

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TEMPERATURE AND PRECIPITATION EXTREMES

DELAWARE

HIGHEST TEMPERATURE	102	JUNE 21	LEWES
LOWEST TEMPERATURE	43	JUNE 9+	2 STATIONS
GREATEST TOTAL PRECIPITATION	3.49		2 STATIONS
LEAST TOTAL PRECIPITATION	1.73		LEWES
GREATEST 1 DAY PRECIPITATION	1.85	JUNE 13	WILMINGTON PORTER RSVR

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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 ISLAND	76.5	59.9	68.2		96	26	47	9	64	168	2	0	0	0		
PRINCESS ANNE	82.6	58.7	70.7	-1.4	97	26	42	5	43	222	10	0	0	0		
SALISBURY	82.2	60.3	71.3	-1.5	96	25	41	5	49	243	8	0	0	0		
SALISBURY FAA ARPT	81.8	57.7	69.8	-2.1	98	26+	42	5	71	223	8	0	0	0		
SNOW HILL 4 N	81.6	58.4	70.0	-1.9	97	26	41	9+	66	224	8	0	0	0		
--DIVISIONAL DATA----->			70.0	-2.2												
CENTRAL EASTERN SHORE 02																
ROYAL OAK 2 SSW	81.4	61.1	71.3	-2.2	96	26+	43	9	46	241	6	0	0	0		
VIENNA	82.8	60.1	71.5	-2.1	99	25	44	5	40	243	7	0	0	0		
--DIVISIONAL DATA----->			71.4	-1.9												
LOWER SOUTHERN 03																
LA PLATA 1 W	80.3	60.4	70.4	-1.2	93	26+	46	8+	43	211	5	0	0	0		
MECHANICSVILLE 5 NE	79.9	58.6	69.3	-2.6	94	26+	42	5	55	189	6	0	0	0		
OWINGS FERRY LANDING	80.7	58.1	69.4	-2.9	95	25	44	8+	51	191	6	0	0	0		
--DIVISIONAL DATA----->			69.7	-2.8												
UPPER SOUTHERN 04																
ANNAPOLIS POLICE BRKS	83.4	62.2	72.8	-.7	98	26+	43	5	26	262	7	0	0	0		
BALTIMORE WSO ARPT R	82.0	58.1	70.1	-2.4	99	25	44	5	53	211	7	0	0	0		
BELTSVILLE	81.7	59.6	70.7	-.3	95	26	45	5	48	224	7	0	0	0		
DALECARLIA RESERVOIR	84.2	59.0	71.6	-1.5	98	26+	46	8+	33	237	9	0	0	0		
GLENN DALE BELL STN	84.9	57.6	71.3	.0	98	26+	42	5	36	230	12	0	0	0		
LAUREL 3 W	83.3	61.2	72.3	.0	101	26	47	8	34	259	8	0	0	0		
NATIONAL ARBORETUM DC	80.1	60.5	70.3	-2.4	96	26	46	8	59	222	6	0	0	0		
UPPER MARLBORO 3 NNW	80.6	57.6	69.1	-2.0	96	26	45	9+	61	192	6	0	0	0		
--DIVISIONAL DATA----->			71.0	-1.3												
NORTHERN EASTERN SHORE 05																
CHESTERTOWN	83.1	59.0	71.1	-1.4	97	25	44	9+	52	240	8	0	0	0		
MILLINGTON 1 SE M		M	M													
--DIVISIONAL DATA----->			71.1	-1.1												
NORTHERN CENTRAL 06																
ABERDEEN PHILLIPS FIEL	81.5	59.8M	70.7M	-1.3	96	26+	46	9	41	221	6	0	0	0		
BALTIMORE CITY R	86.4	68.2	77.3	1.3	104	25	54	3	10	387	13	0	0	0		
CATOCTIN MOUNTAIN PARK	77.9	58.6	68.3		90	24	44	3	58	162	1	0	0	0		
CLARKSVILLE 3 NNE	82.5	54.7	68.6		97	26+	40	5	51	167	7	0	0	0		
CONOWINGO DAM	84.5	62.9	73.7	2.9	100	25	48	3	24	291	11	0	0	0		
DAMASCUS 2 SSW	79.6	56.0	67.8		94	25	43	9+	66	161	6	0	0	0		
EMMITSBURG 2 SE	81.4	53.7	67.6	-2.2	97	25	35	3	69	151	5	0	0	0		
FREDERICK POLICE BRKS	84.1	61.5	72.8		98	26+	44	5	33	278	8	0	0	0		
MILLERS 4 NE	79.8	58.0	68.9		93	25	45	8+	49	173	4	0	0	0		
ROCKVILLE 1 NE	81.2	60.8	71.0	.6	96	25	48	6+	42	229	5	0	0	0		
WESTMINSTER POL BRKS	82.1	58.7	70.4	.0	99	24	44	3	49	218	7	0	0	0		
WOODSTOCK	83.3	57.9	70.6	-.3	97	25	43	5	41	215	7	0	0	0		
--DIVISIONAL DATA----->			70.6	-.4												
APPALACHIAN MOUNTAIN 07																
CUMBERLAND 2	82.4	57.1	69.8	-1.2	96	25	44	4	44	193	7	0	0	0		
FROSTBURG 2	73.1	54.0	63.6		87	25	43	4	107	70	0	0	0	0		
HANCOCK	80.7	55.7	68.2	-.3	96	26	41	5	59	163	5	0	0	0		
--DIVISIONAL DATA----->			67.2	-2.0												
ALLEGHENY PLATEAU 08																
OAKLAND 1 SE	74.3	52.5	63.4	-.4	85	25+	38	5	101	62	0	0	0	0		
SAVAGE RIVER DAM	74.7	53.2	64.0	-1.3	87	25	42	6+	95	71	0	0	0	0		
--DIVISIONAL DATA----->			63.7	-.5												
DELAWARE																
NORTHERN 01																
NEWARK UNIVERSITY FARM	82.4	57.4	69.9	-1.8	95	25	43	6	43	195	5	0	0	0		
WILMINGTON WSO ARPT R	80.2	59.0	69.6	-1.9	95	25	45	8	56	204	4	0	0	0		
WILMINGTON PORTER RSVR	80.4	61.3	70.9	.1	94	25	49	8+	49	231	5	0	0	0		
--DIVISIONAL DATA----->			70.1	-1.4												
SOUTHERN 02																
DOVER	79.5	60.4	70.0	-2.8	93	26+	45	5	57	214	6	0	0	0		
GEORGETOWN 5 SW M		M	M													
GREENWOOD 2 NE	80.5	58.8	69.7		94	26+	43	9+	63	208	6	0	0	0		

MONTHLY STATION AND DIVISION SUMMARY

STATION	PRECIPITATION (IN)									
	TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	SLEET, 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 ISLAND	1.40		.41	17	.0	0		4	0	0
PRINCESS ANNE	2.64	-.54	1.34	27	.0	0		5	2	1
SALISBURY	2.77	-.88	1.23	27	.0	0		4	2	1
SALISBURY FAA ARPT	1.97	-1.66	.93	26	.0	0		6	1	0
SNOW HILL 4 N	2.49	-.94	1.22	27	.0	0		5	1	1
--DIVISIONAL DATA----->	2.25	-1.14			.0					
CENTRAL EASTERN SHORE 02										
ROYAL OAK 2 SSW	3.64	.03	1.42	26	.0	0		8	3	1
VIENNA	3.20	-.60	1.43	27	.0	0		5	2	2
--DIVISIONAL DATA----->	3.42	-.23			.0					
LOWER SOUTHERN 03										
LA PLATA 1 W	M 2.87		1.17	19	.0	0		6	2	1
MECHANICSVILLE 5 NE	3.21	-.85	.74	26	.0	0		5	4	0
OWINGS FERRY LANDING	4.21	.40	1.70	26	.0	0		10	2	1
--DIVISIONAL DATA----->	3.71	-.01			.0					
UPPER SOUTHERN 04										
ANNAPOLIS POLICE BRKS	3.56	.21	1.16	19	.0	0		6	4	1
BALTIMORE WSO ARPT R	3.74	.07	1.13	2	.0	0		5	4	1
BELTSVILLE	4.06	.56	.96	3+	.0	0		5	5	0
DALECARLIA RESERVOIR	3.61	.00	1.13	2	.0	0		6	3	2
GLENN DALE BELL STN	2.66	-1.20	1.21	2	.0	0		4	3	1
LAUREL 3 W	3.42	-.29	1.01	2	.0	0		6	2	2
NATIONAL ARBORETUM DC	4.03	.23	1.10	3	.0	0		6	4	2
UPPER MARLBORO 3 NNW	4.18	.32	1.16	27	.0	0		5	4	2
--DIVISIONAL DATA----->	3.66	-.04			.0					
NORTHERN EASTERN SHORE 05										
CHESTERTOWN	2.97	-1.38	.97	2	.0	0		6	2	0
MILLINGTON 1 SE					M	M				
--DIVISIONAL DATA----->	2.97	-1.02			.0					
NORTHERN CENTRAL 06										
ABERDEEN PHILLIPS FIEL	3.17	-1.25	1.46	13	.0	0		2	1	1
BALTIMORE CITY R					M	M				
CATOCTIN MOUNTAIN PARK	2.84		1.41	2	.0	0		6	1	1
CLARKSVILLE 3 NNE	2.28		.97	2	.0	0		5	2	0
CONOWINGO DAM	.68	-3.62	.35	2	.0	0		2	0	0
DAMASCUS 2 SSW	1.85		.94	2	.0	0		5	1	0
EMMITSBURG 2 SE	2.20	-1.81	1.15	2	.0	0		5	1	1
FREDERICK POLICE BRKS	M 1.66		.70	2	.0	0		5	1	0
MILLERS 4 NE	1.41		.98	2	.0	0		2	1	0
ROCKVILLE 1 NE	3.70	-.06	.78	14	.0	0		8	4	0
WESTMINSTER POL BRKS	1.79	-2.12	1.30	2	.0	0		4	1	1
WOODSTOCK	2.26	-1.61	1.59	2	.0	0		5	1	1
--DIVISIONAL DATA----->	2.22	-1.76			.0					
APPALACHIAN MOUNTAIN 07										
CUMBERLAND 2	2.95	-.39	.77	2	.0	0		8	2	0
FROSTBURG 2	3.38		1.29	2	.0	0		6	3	1
HANCOCK	M 4.38		1.62	19	.0	0		7	2	2
--DIVISIONAL DATA----->	3.17	-.28			.0					
ALLEGHENY PLATEAU 08										
OAKLAND 1 SE	7.35	2.97	2.26	13	.0	0		9	3	3
SAVAGE RIVER DAM	3.76	.41	1.66	2	.0	0		6	2	1
--DIVISIONAL DATA----->	5.56	1.48			.0					
DELAWARE										
NORTHERN 01										
NEWARK UNIVERSITY FARM	3.31	-.54	1.24	2	.0	0		3	3	2
WILMINGTON WSO ARPT R	1.75	-1.80	.98	2	M	M		5	1	0
WILMINGTON PORTER RSVR	3.49	-.57	1.85	13	.0	0		4	2	2
--DIVISIONAL DATA----->	2.85	-.91			.0					
SOUTHERN 02										
DOVER	3.49	-.36	1.32	3	.0	0		5	3	2
GEORGETOWN 5 SW					M	M				
GREENWOOD 2 NE	3.17		1.62	27	.0	0		5	2	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
LEWES --DIVISIONAL DATA----->	86.1	64.4	75.3 71.7	3.7 -1.4	102	21	48	9	31	345	16	0	0	0	0

MONTHLY STATION AND DIVISION SUMMARY

STATION	PRECIPITATION (IN)									
	TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	SLEET, SNOW			NO. OF DAYS		
					TOTAL	MAX. DEPTH ON GROUND	DATE	.10 OR MORE	.50 OR MORE	1.00 OR MORE
LEWES --DIVISIONAL DATA----->	1.73 2.80	-1.65 -1.69	.75	19	.0 .0	0		4	1	0

MARYLAND AND DELAWARE
JUNE 1997

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 ISLAND		1.40	.05	.03	.16										.05	.02	
PRINCESS ANNE		2.64	.03	.31	.30	.03										.53	
SALISBURY		2.77	.01	.11	.79	.04									.07	.48	
SALISBURY FAA ARPT		1.97	.23	.14	.11	T		T					T	.31	.05		
SNOW HILL 4 N		2.49	.05	.45	.19	.09									.03	.28	
CENTRAL EASTERN SHORE 02																	
ROYAL OAK 2 SSW		3.64	T	.52	.15	.10									.08	.20	
VIENNA		3.20		T	.43										.10	.14	
LOWER SOUTHERN 03																	
LA PLATA 1 W		M 2.87	.02	-	.21										.70	.02	
MECHANICSVILLE 5 NE		3.21	.02	.23	.70	.03		T	T						.66	.08	.01
OWINGS FERRY LANDING		4.21	.31	.12	.76	.22									.29	.14	
UPPER SOUTHERN 04																	
ANNAPOLIS POLICE BRKS		3.56	.06	.65	.62									.01	.34	.05	
BALTIMORE WSO ARPT R		3.74	.64	1.13	.89								T	.02	T		
BELTSVILLE		4.06		.96	.96	.03											.66
DALECARLIA RESERVOIR		3.61	.04	1.13	.73	.02							.01	1.00			.26
GLENN DALE BELL STN		2.66		1.21											.55	.05	
LAUREL 3 W		3.42	.18	1.01	1.00	.04									.03	.43	
NATIONAL ARBORETUM DC		4.03		.70	1.10	.03									.12	.73	1.04
UPPER MARLBORO 3 NNW		4.18		1.07	.71	.07										.28	.07
NORTHERN EASTERN SHORE 05																	
CHESTERTOWN		2.97	.21	.97	.80								T	.38			
MILLINGTON 1 SE		M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NORTHERN CENTRAL 06																	
ABERDEEN PHILLIPS FIEL		3.17	*	1.24	.34										1.46	*	*
BALTIMORE CITY R		M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CATOCTIN MOUNTAIN PARK		2.84	.39	1.41	.32	.05								.08	.28		
CLARKSVILLE 3 NNE		2.28		.97	.50								T	.14	.35		
CONOWINGO DAM		.68	.05	.35	.16										.08		
DAMASCUS 2 SSW		1.85	T	.94	.15										.15	T	
EMMITSBURG 2 SE		2.20	.10	1.15	.35										.25	.20	
FREDERICK POLICE BRKS		M 1.66	.32	.70	.10											-	
MILLERS 4 NE		1.41	T	.98	.27	.05		T					.02	.06	T		
POTOMAC FILTER PLANT		3.72	.13	.88	.23	.03									.23	.23	
ROCKVILLE 1 NE		3.70	.46	.57	.27								T	.19	.78		
WESTMINSTER POL BRKS		1.79	T	1.30	.20										.10		
WOODSTOCK		2.26		1.59	.28	T									.11		
APPALACHIAN MOUNTAIN 07																	
CUMBERLAND 2		2.95	.01	.77	.12	.55								.06	.20	.43	
FROSTBURG 2		3.38	T	1.29	.50	.69		.01						.08	T	.33	
HANCOCK		M 4.38		1.42	.30	.20								.12		-	
ALLEGHENY PLATEAU 08																	
OAKLAND 1 SE		7.35	.03	.43	.31	.27							.03	2.26			
SAVAGE RIVER DAM		3.76	T	1.66	.31			.07					.01	.55	.37		
DELAWARE																	
NORTHERN 01																	
NEWARK UNIVERSITY FARM		3.31		1.24	.72										1.22		
WILMINGTON WSO ARPT R		1.75	.06	.98	.13										.32		
WILMINGTON PORTER RSVR		3.49	.04	1.05	.25										1.85		
SOUTHERN 02																	
DOVER		3.49	T	.17	1.32	T									.02	.02	
GEORGETOWN 5 SW		M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GREENWOOD 2 NE		3.17	T	.08	.33			T							.11	.28	
LEWES		1.73		.06	.41	.03									T	.13	

MARYLAND AND DELAWARE
JUNE 1997

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 ISLAND		.41	.08	.07							.16	.37				
PRINCESS ANNE			.10									1.34				
SALISBURY				.04								1.23				
SALISBURY FAA ARPT		.03	.01								.93	.16				
SNOW HILL 4 N			.06	.12								1.22				
CENTRAL EASTERN SHORE 02																
ROYAL OAK 2 SSW				.69			.05	.18			1.42	.25				
VIENNA			1.10									1.43				
LOWER SOUTHERN 03																
LA PLATA 1 W				1.17			.10				.47	.18				
MECHANICSVILLE 5 NE			T	.72							.74	.02				
OWINGS FERRY LANDING		T	T	.36				.11			1.70	.20				
UPPER SOUTHERN 04																
ANNAPOLIS POLICE BRKS			.01	1.16							.50	.16				
BALTIMORE WSO ARPT R		T	.40	.02							.64					
BELTSVILLE				.93				T				.52				
DALECARLIA RESERVOIR				.21								.21				
GLENN DALE BELL STN				.69								.16				
LAUREL 3 W			.43								.30					
NATIONAL ARBORETUM DC		T	.05				T	T			.26					
UPPER MARLBORO 3 NNW				.82								1.16				
NORTHERN EASTERN SHORE 05																
CHESTERTOWN			.33				T				.28					
MILLINGTON 1 SE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NORTHERN CENTRAL 06																
ABERDEEN PHILLIPS FIEL	.04			.04								.05				
BALTIMORE CITY R	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CATOCTIN MOUNTAIN PARK				.04			.16				.11					
CLARKSVILLE 3 NNE		T	T	.09			.03					.20				
CONOWINGO DAM			.04													
DAMASCUS 2 SSW		T	.38								.23					
EMMITSBURG 2 SE			.05				.05				.05					
FREDERICK POLICE BRKS			.03	.05			.19					.27				
MILLERS 4 NE		T	.01	.01		T		T			.01	T				
POTOMAC FILTER PLANT			1.70								.29					
ROCKVILLE 1 NE			.59				.20				.64					
WESTMINSTER POL BRKS							.11					.08				
WOODSTOCK		T	.02	.11							.15					
APPALACHIAN MOUNTAIN 07																
CUMBERLAND 2		.13	.43								.01	.24				
FROSTBURG 2		.11	T	.03				T				.34				
HANCOCK		.32	.09	1.62								.31				
ALLEGHENY PLATEAU 08																
OAKLAND 1 SE		.27	T	1.10			.34				1.86	.45			T	
SAVAGE RIVER DAM		.31	.02	.07				T			.03	.36				
DELAWARE																
NORTHERN 01																
NEWARK UNIVERSITY FARM				.08			.05									
WILMINGTON WSO ARPT R		T	.12				.14				T					
WILMINGTON PORTER RSVR			.30													
SOUTHERN 02																
DOVER				.24				.50				1.22				
GEORGETOWN 5 SW	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GREENWOOD 2 NE				.75								1.62				
LEWES				.75								.35				

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 ISLAND	07	MAX	68	60	56	62	67	62	59	65	67	88	89	73	75	82	70
		MIN	58	56	53	53	52	53	53	49	47	53	62	60	63	60	58
PRINCESS ANNE	17	MAX	76	70	62	66	73	71	65	70	76	86	83	86	84	80	74
		OBS															
		MIN	59	59	54	51	42	47	48	48	52	49	56	64	65	60	59
		OBS															
SALISBURY	17	MAX	74	69	59	65	72	69	61	71	78	87	86	85	83	79	75
		MIN	62	59	53	51	41	49	52	44	46	56	59	65	70	67	59
SALISBURY FAA ARPT	MID	MAX	74	63	56	64	72	65	58	70	79	87	86	87	83	81	74
		MIN	62	56	52	46	42	47	46	44	44	52	57	62	68	61	51
SNOW HILL 4 N	17	MAX	70	66	58	63	72	68	58	69	77	89	88	87	84	81	73
		MIN	61	58	53	50	42	45	52	41	41	51	56	62	67	64	58
CENTRAL EASTERN SHORE 02																	
ROYAL OAK 2 SSW	18	MAX	79	70	59	67	71	71	64	72	75	85	84	82	82	76	77
		MIN	63	57	52	49	44	52	53	44	43	53	58	65	71	68	58
VIENNA	18	MAX	70	70	60	67	75	75	60	71	80	88	88	84	82	79	78
		OBS				***											
		MIN	59	58	51	50	44	50	53	45	45	55	50	56	61	67	59
		OBS				***											
LOWER SOUTHERN 03																	
LA PLATA 1 W	18	MAX	75	71	60	67	70	67	63	70	78	85	84	82	82	75	75
		MIN	64	60	53	50	46	48	54	46	48	53	56	60	60	62	60
MECHANICSVILLE 5 NE	19	MAX	73	69	58	66	70	67	61	71	77	86	84	83	83	73	75
		MIN	63	58	52	50	42	44	54	43	45	52	56	60	67	66	58
OWINGS FERRY LANDING	17	MAX	76	65	60	67	70	70	63	72	78	86	85	82	81	79	76
		OBS															
		MIN	59	58	51	48	44	46	53	44	45	52	54	60	66	65	55
		OBS															
UPPER SOUTHERN 04																	
ANNAPOLIS POLICE BRKS	17	MAX	79	82	65	80	70	71	66	73	80	88	88	82	80	78	89
		OBS			76												
		MIN	63	58	51	53	43	51	55	50	50	58	62	68	72	70	50
		OBS		37													
BALTIMORE WSO ARPT	MID	MAX	77	65	57	69	72	67	62	73	80	87	85	82	83	79	78
		MIN	60	57	51	47	44	46	49	46	45	54	56	64	67	61	56
BELTSVILLE	08	MAX	79	75	63	55	70	73	68	62	75	82	88	87	83	85	80
		MIN	63	61	52	50	45	47	54	47	48	52	54	64	67	65	56
DALECARLIA RESERVOIR	17	MAX	79	74	65	71	74	73	66	74	81	87	86	84	85	85	79
		OBS												103			
		MIN	52	52	50	51	46	47	53	46	49	52	58	63	65	69	55
		OBS															
GLENN DALE BELL STN	16	MAX	82	74	62	68	75	75	73	74	82	90	90	90	86	86	80
		MIN	54	60	50	50	42	44	52	44	44	50	54	60	70	65	55
		OBS								60							
LAUREL 3 W	MID	MAX	74	73	57	72	75	69	63	75	81	87	88	83	83	80	82
		MIN	62	56	49	50	50	50	53	47	51	61	63	66	67	60	58
NATIONAL ARBORETUM DC	07	MAX	78	72	60	53	68	72	64	59	73	78	86	85	84	81	73
		MIN	61	60	52	52	47	48	50	46	49	48	56	67	69	69	57
UPPER MARLBORO 3 NNW	08	MAX	78	75	62	54	68	72	67	62	73	79	87	86	82	82	74
		MIN	59	61	52	50	45	45	48	45	45	47	53	58	63	68	58
NORTHERN EASTERN SHORE 05																	
CHESTERTOWN	23	MAX	81	64	58	69	74	70	63	74	82	88	88	86	83	81	80
		MIN	58	53	47	50	44	48	49	44	44	55	61	64	68	65	57
MILLINGTON 1 SE	18	MAX															
		MIN															
NORTHERN CENTRAL 06																	
ABERDEEN PHILLIPS FIEL	16	MAX	73	63	60	68	71	71	67	72	79	87	87	83	81	80	78
		OBS	***							***						***	***
		MIN		60	50	53	47	51			46	52	61	66	70		
BALTIMORE CITY	MID	MAX	84	70	62	75	78	75	66	79	87	94	93	87	85	84	79
		MIN	70	60	54	58	58	60	58	56	58	68	71	72	71	70	64
CATOCTIN MOUNTAIN PARK	17	MAX	71	67	56	69	71	67	60	71	75	83	80	78	78	75	76
		MIN	59	55	44	46	48	49	49	46	46	59	62	59	64	63	54
CLARKSVILLE 3 NNE	17	MAX	74	74	59	70	73	71	64	74	81	87	87	83	84	80	77
		MIN	60	57	46	47	40	42	50	43	43	48	50	59	61	58	53
CONOWINGO DAM	MID	MAX	82	76	60	70	74	70	63	80	84	90	88	86	86	86	80
		MIN	66	55	48	56	50	58	52	54	60	64	67	65	68	67	64
DAMASCUS 2 SSW	22	MAX	73	68	52	69	69	65	59	71	78	84	83	81	81	79	76
		MIN	62	51	47	46	43	44	50	46	43	48	52	61	61	62	55
		OBS				55											
EMMITSBURG 2 SE	17	MAX	76	73	59	70	72	71	65	72	78	84	84	84	80	78	76
		MIN	52	43	35	50	43	45	43	40	44	45	54	54	64	64	55
FREDERICK POLICE BRKS	17	MAX	78	74	65	74	69	71	68	74	79	89	88	86	88	81	82

MARYLAND AND DELAWARE
JUNE 1997

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 ISLAND	71	75	77	86	85	79	82	86	95	89	96	82	83	84	83		76.5
PRINCESS ANNE	58	60	66	66	64	65	66	68	67	71	67	64	59	59	68		59.9
	80	86	90	90	90	93	93	93	94	96	97	96	87	86	86		82.6
	46	53	68	70	60	66	65	65	63	75	78	67	58	57	57		58.7
													***	***	***		
SALISBURY	79	85	89	88	91	94	95	93	95	96	95	93	88	87	85		82.2
	50	56	69	71	61	65	75	65	65	67	78	69	62	61	63		60.3
SALISBURY FAA ARPT	79	87	91	86	90	94	94	93	95	98	98	89	87	87	87		81.8
	46	50	68	66	61	65	74	68	65	73	69	64	58	57	58		57.7
SNOW HILL 4 N	76	84	90	89	89	92	94	92	94	96	97	96	86	86	84		81.6
	45	50	67	70	59	67	72	69	63	72	76	69	58	56	57		58.4
CENTRAL EASTERN SHORE 02																	
ROYAL OAK 2 SSW	79	82	88	88	89	92	92	90	93	96	96	86	88	85	85		81.4
	52	62	72	69	64	72	76	64	66	76	72	67	60	64	66		61.1
VIENNA	82	88	87	85	89	90	94	93	95	99	98	94	89	87	87		82.8
	50	57	69	70	64	69	76	70	67	74	77	68	62	64	62		60.1

LOWER SOUTHERN 03																	
LA PLATA 1 W	80	82	87	87	88	91	90	88	92	93	93	83	85	85	81		80.3
	57	62	70	70	63	70	74	66	65	71	71	67	61	60	65		60.4
MECHANICSVILLE 5 NE	77	83	86	82	87	90	91	90	92	94	94	84	85	84	81		79.9
	52	52	68	68	61	68	72	64	64	70	71	65	58	57	59		58.6
OWINGS FERRY LANDING	78	81	87	87	88	91	92	90	91	95	94	85	84	85	82		80.7
	53	58	67	66	60	69	71	63	62	63	70	64	59	59	60		58.1
									***	***							
UPPER SOUTHERN 04																	
ANNAPOLIS POLICE BRKS	76	82	86	86	90	90	94	92	94	98	98	86	86	87	85		83.4
	60	64	70	70	54	70	74	68	68	78	74	68	64	64	65		62.2
BALTIMORE WSO ARPT	79	84	86	86	90	93	95	94	96	99	96	88	88	87	84		82.0
	53	58	70	64	60	65	70	60	61	69	71	62	58	60	59		58.1
BELTSVILLE	78	81	85	87	85	90	92	94	91	94	95	93	87	88	86		81.7
	55	61	68	67	61	68	71	62	62	69	74	64	59	60	62		59.6
DALECARLIA RESERVOIR	81	85	88	88	92	94	93	92	96	98	98	94	90	89	86		84.2
	56	60	69	66	61	72	71	63	64	66	70	64	60	61	60		59.0
										85							
GLENN DALE BELL STN	82	85	90	84	92	93	95	95	95	98	98	88	88	90	88		84.9
	52	58	70	66	60	64	70	60	60	68	74	62	55	58	58		57.6

LAUREL 3 W	83	86	87	85	91	93	94	91	95	99	101	88	90	88	87		83.3
	57	59	66	67	67	75	74	68	65	68	68	65	63	67	64		61.2
NATIONAL ARBORETUM DC	77	79	84	86	84	89	92	93	90	94	96	93	87	87	85		80.1
	55	60	64	68	64	67	74	64	66	70	77	66	60	63	65		60.5
UPPER MARLBORO 3 NNW	77	79	85	87	84	89	92	94	90	94	96	94	85	86	85		80.6
	54	55	60	67	61	61	69	64	63	63	71	64	60	60	60		57.6
NORTHERN EASTERN SHORE 05																	
CHESTERTOWN	83	84	90	85	90	94	95	92	95	97	95	88	89	88	87		83.1
	51	56	64	66	62	69	74	64	64	73	71	65	60	62	61		59.0
MILLINGTON 1 SE																	M
																	M
NORTHERN CENTRAL 06																	
ABERDEEN PHILLIPS FIEL	79	79	85	85	88	92	95	90	92	96	96	89	87	87	85		81.5
						***	***						***	***			
	56	60	65	66	60			62	61	66	75	69			60		59.8
BALTIMORE CITY	79	84	85	88	94	97	100	97	101	104	98	92	93	92	91		86.4
	63	65	70	79	71	74	77	76	75	79	74	74	74	75	71		68.2
CATOCTIN MOUNTAIN PARK	77	78	81	80	86	89	86	85	90	89	87	82	84	84	82		77.9
	55	59	61	65	64	68	70	63	66	70	69	61	61	62	61		58.6
CLARKSVILLE 3 NNE	80	82	87	85	91	94	93	90	94	97	97	86	88	87	85		82.5
	50	57	65	62	55	62	66	56	56	65	71	59	53	54	54		54.7
CONOWINGO DAM	82	80	82	86	92	94	98	94	96	100	97	90	91	90	89		84.5
	56	63	66	69	65	70	74	62	66	70	76	67	65	60	64		62.9
DAMASCUS 2 SSW	78	82	84	83	87	90	90	92	94	91	85	86	86	86	83		79.6
	51	60	66	62	57	67	70	55	57	65	70	60	54	56	60		56.0
EMMITSBURG 2 SE	79	82	87	82	89	90	89	88	92	97	96	96	86	86	81		81.4
	54	62	56	55	56	58	60	56	57	65	76	61	54	55	55		53.7
FREDERICK POLICE BRKS	81	85	87	87	92	94	95	94	95	98	98	87	88	90	87		84.1

MARYLAND AND DELAWARE
JUNE 1997

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
MILLERS 4 NE	18	MIN	64	49	48	49	44	49	54	51	50	63	64	68	68	68	61		
		MAX	78	73	57	68	71	70	62	72	78	84	84	81	79	77	76		
		MIN	61	57	45	49	45	49	51	45	46	56	61	65	63	64	54		
ROCKVILLE 1 NE	MID	MAX	73	65	58	71	73	68	60	71	82	84	84	84	84	79	80		
		MIN	63	58	49	51	48	48	52	50	50	57	60	66	67	63	58		
		MAX	74	75	58	67	74	69	64	72	77	83	86	83	81	81	78		
WESTMINSTER POL BRKS	17	MIN	56	56	44	47	45	49	49	47	47	60	63	62	64	64	56		
		MAX	79	75	57	71	74	73	68	74	82	88	86	83	84	82	79		
		MIN	62	56	47	48	43	45	52	46	45	52	55	63	65	62	57		
APPALACHIAN MOUNTAIN	07																		
CUMBERLAND 2		17	MAX	74	67	61	74	75	72	65	73	80	87	85	82	80	80	80	
			MIN	63	51	47	44	46	48	52	47	48	52	58	62	63	54	55	
FROSTBURG 2	07	MAX	67	63	60	47	66	67	62	59	65	72	78	75	73	74	72		
		MIN	55	59	47	43	44	44	46	47	47	47	49	53	51	60	51		
		MAX	77	72	64	56	68	72	70	64	73	79	79	81	81	82	81		
HANCOCK	08	OBS	72	64	56	68	***	***	76	78	***	83	81	81	***	***	80		
		MIN	57	62	51	45	41	42	48	47	46	50	57	62	62	61	51		
		OBS	62	51	45	41	***	***	42	60	***	57	62	62	***	***	68		
		MAX	70	63	59	65	67	66	59	64	70	77	76	76	74	69	73		
ALLEGHENY PLATEAU	08	MIN	60	58	44	42	38	44	46	45	43	41	47	58	59	58	44		
OAKLAND 1 SE		MAX	73	65	62	54	67	68	63	60	66	73	80	78	76	75	74		
SAVAGE RIVER DAM	08	OBS				62													
		MIN	51	61	49	45	42	42	46	48	44	47	47	55	60	60	48		
		OBS																	
		MAX																	
DELAWARE																			
NORTHERN	01																		
NEWARK UNIVERSITY FARM		17	MAX	75	64	69	71	73	71	74	77	81	86	87	85	83	80	81	
	MID	MIN	55	58	47	47	45	43	45	46	44	54	61	60	65	59	56		
WILMINGTON WSO ARPT		MAX	79	62	59	67	72	66	62	73	80	86	87	83	79	79	76		
		MIN	62	53	48	50	46	52	47	45	46	53	61	66	68	61	58		
WILMINGTON PORTER RSVR	MID	MAX	79	63	58	66	73	68	62	71	80	86	87	84	80	80	77		
		MIN	62	53	49	51	49	50	50	49	51	57	65	68	67	63	59		
SOUTHERN	02																		
DOVER		17	MAX	73	72	58	63	69	68	60	67	77	84	84	83	79	79	75	
		MIN	62	57	49	51	45	49	52	46	46	56	63	66	69	67	59		
	08	OBS																	
GEORGETOWN 5 SW		MAX																	
	18	MIN																	
GREENWOOD 2 NE		MAX	72	65	56	64	73	71	60	69	78	86	85	84	81	78	72		
	17	MIN	62	56	50	47	44	43	52	43	43	53	57	65	69	62	58		
LEWES		MAX	70	65	59	67	76	72	61	68	83	92	97	93	88	86	78		
		MIN	62	59	53	55	50	53	55	53	48	59	66	69	70	66	63		

MARYLAND AND DELAWARE
JUNE 1997

DAILY TEMPERATURES (°F)

STATION	DAY OF MONTH																AVERAGE
	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
MILLERS 4 NE	58	64	66	68	65	71	73	65	64	73	77	66	61	62	63		61.5
	76	78	81	82	88	90	88	87	91	93	91	82	87	86	84		79.8
	54	60	64	65	58	66	71	62	58	69	71	60	55	59	57		58.0
ROCKVILLE 1 NE	80	83	86	84	91	94	88	89	94	96	91	85	88	87	85		81.2
	58	63	68	66	63	71	74	68	64	71	68	65	60	62	64		60.8
WESTMINSTER POL BRKS	89	80	80	84	90	95	93	94	99	95	95	84	87	88	87		82.1
	55	58	63	63	62	64	65	64	64	72	74	64	61	64	59		58.7
WOODSTOCK	80	82	87	86	91	94	93	92	95	97	95	87	89	89	86		83.3
	54	59	67	65	59	65	71	60	60	68	73	64	57	57	59		57.9
APPALACHIAN MOUNTAIN 07																	
CUMBERLAND 2	83	86	89	85	91	94	90	91	95	96	92	87	87	88	84		82.4
	58	68	63	61	63	66	59	60	63	68	59	55	58	60	62		57.1
FROSTBURG 2	72	76	77	78	76	83	85	79	82	87	85	78	78	78	78		73.1
	50	55	63	59	59	59	62	64	60	60	63	59	53	53	57		54.0
HANCOCK	80	83	86	86	88	90	92	87	88	95	96	93	87	85	86		80.7
	83	86	86	88	90	92	87	88	***	***	93	***	85	86	89		
	57	53	65	63	58	64	65	56	59	61	68	59	53	53	55		55.7
	53	65	63	58	64	65	56	59	***	***	57	***	53	55	63		
ALLEGHENY PLATEAU 08																	
OAKLAND 1 SE	80	78	81	77	82	83	80	81	85	85	82	77	78	77	76		74.3
	51	64	64	57	54	57	63	51	54	59	65	58	46	49	55		52.5
SAVAGE RIVER DAM	73	78	78	82	77	83	84	80	83	87	86	79	80	79	79		74.7
	49	50	63	61	58	59	59	55	60	59	59	58	50	53	57		53.2
			50														
DELAWARE																	
NORTHERN 01																	
NEWARK UNIVERSITY FARM	77	79	83	86	88	91	93	89	93	95	91	86	88	88	87		82.4
	49	54	64	61	65	63	68	61	61	71	75	66	59	60	59		57.4
WILMINGTON WSO ARPT	75	77	83	83	87	92	93	89	89	95	92	86	86	86	83		80.2
	50	58	64	66	62	69	68	64	61	73	70	65	59	61	64		59.0
WILMINGTON PORTER RSVR	75	78	84	82	88	91	91	88	91	94	91	85	87	87	85		80.4
	52	57	65	67	65	71	75	66	67	76	73	68	65	65	64		61.3
SOUTHERN 02																	
DOVER	72	78	82	86	88	89	90	90	90	93	93	91	83	85	84		79.5
	49	55	65	68	62	69	73	65	63	73	76	68	63	65	61		60.4
				48													
GEORGETOWN 5 SW																	M
																	M
GREENWOOD 2 NE	79	83	87	86	88	91	92	90	92	94	94	89	85	86	85		80.5
	47	53	66	68	67	66	74	64	61	72	75	69	59	60	58		58.8
LEWES	81	88	99	99	95	102	101	100	99	101	99	91	91	92	91		86.1
	52	57	69	72	67	72	77	73	69	77	82	74	71	70	69		64.4

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	32	59	95	67	52	22	55	*	83	*	*	90	54	*	89
	EVAP	15	7	9	2	19	22	18	*	27	*	*	64	16	*	27
	MAX	84	75	63	54	75	80	72	-	76	-	-	88	83	-	86
	MIN	59	61	52	50	50	52	53	-	50	-	-	54	65	-	59

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

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	44	77	24	49	46	*	*	140	40	42	48	55	*	*	28		1291
	24	28	13	30	23	*	*	74	31	31	32	28	*	*	88		6.28
	85	81	88	88	89	-	-	95	90	94	95	95	-	-	92		83.1
	58	60	68	67	65	-	-	63	64	68	73	64	-	-	61		59.8

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											
ABERDEEN PHILLIPS FIEL	0015	06	HARFORD	39 28	76 10W	57	16	16		C H	PHILLIPS ARMY AIRFIELD
ANNAPOLIS POLICE BRKS	0193	04	ANNE ARUNDEL	38 59	76 30W	25	17	17		H	ANNAPOLIS POLICE BRKS
ASSATEAGUE ISLAND	0335	01	WORCESTER	38 4	75 13W	10	07	07		H	NATIONAL PARK SERVICE
BALTIMORE WSO ARPT	0465	04	ANNE ARUNDEL	39 11	76 40W	148	MID	MID		C HJ	NATL WEATHER SERVICE
BALTIMORE CITY #	0470	06	BALTIMORE (C	39 17	76 37W	14	MID	MID		C H	NATIONAL WEATHER SERVICE
BELTSVILLE	0700	04	PRINCE GEORG	39 2	76 53W	145	08	08	08	C H	AGRI RESEARCH CTR EAST
BENSON POLICE BARRACKS	0732	06	HARFORD	39 30	76 23W	365	17	17		H	INACTIVE 03/01/95
CATOCTIN MOUNTAIN PARK	1530	06	FREDERICK	39 39	77 29W	1610	17	17		H	CATOCTIN MOUNTAIN PARK
CHESTERTOWN	1750	05	KENT	39 13	76 4W	40	23	23		H	THOMAS W ELIASON JR
CLARKSVILLE 3 NNE	1862	06	HOWARD	39 15	76 56W	370	17	17		H	CMREC - CLARKSVILLE
COLLEGE PARK	1995	04	PRINCE GEORG	38 59	76 57W	90	09	09		C H	INACTIVE 04/01/96
CONOWINGO DAM	2060	06	HARFORD	39 39	76 10W	40	MID	MID		H	SUSQUEHANNA ELECTRIC CO
CUMBERLAND 2	2282	07	ALLEGANY	39 38	78 45W	730	17	07		H	TIMOTHY B THOMAS
DALECARLIA RESERVOIR	2325	04	DISTRICT OF	38 56	77 7W	150	17	17		H	U S CORPS OF ENGINEERS
DAMASCUS 2 SW	2335	06	MONTGOMERY	39 16	77 14W	722	19	19		H	INACTIVE 01/01/92
DAMASCUS 2 SSW	2336	06	MONTGOMERY	39 16	77 14W	670	22	22		H	ROBERT J LEFFLER
EMMITSBURG 2 SE	2906	06	FREDERICK	39 41	77 18W	416	17	17		H	LUCILLE K BEALE
FREDERICK POLICE BRKS	3348	06	FREDERICK	39 25	77 26W	380	17	17		H	MARYLAND STATE POLICE
FROSTBURG 2	3415	07	ALLEGANY	39 40	78 56W	2168	07	07		H	KENNETH L CLOSE
GLENN DALE BELL STN	3675	04	PRINCE GEORG	38 58	76 48W	150	16	16		H	USDA PLANT INTRODUCT STN
HAGERSTOWN	3975	07	WASHINGTON	39 39	77 44W	660	08	08		H	INACTIVE 11/01/93
HANCOCK	4030	07	WASHINGTON	39 42	78 11W	384	08	08		H	NATIONAL WEATHER SERVICE
LA PLATA 1 W	5080	03	CHARLES	38 32	77 0W	140	18	18		H	BONNIE L RAFFER
LAUREL 3 W	5111	04	PRINCE GEORG	39 6	76 54W	400	MID	MID		H	WA SUBURBAN SANITARY COM
MECHANICSVILLE 5 NE	5865	03	ST. MARY'S	38 27	76 41W	100	19	19		H	SANDRA J HASTINGS
MILLERS 4 NE	5934	06	CARROLL	39 43	76 48W	860	18	18		C H	BOBBY MILLER
MILLINGTON 1 SE	5985	05	KENT	39 16	75 52W	30	18	18		H	HOWARD L HARVEY
NATIONAL ARBORETUM DC	6350	04	DISTRICT OF	38 54	76 59W	50	07	07		H	US NATIONAL ARBORETUM
OAKLAND 1 SE	6620	08	GARRETT	39 24	79 24W	2419	17	17		H	BEA J CROSCO
OWINGS FERRY LANDING	6770	03	CALVERT	38 41	76 40W	160	17	17		H	JAMES C RASMUSSEN
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 6W	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 ARPT #	8005	01	WICOMICO	38 20	75 31W	50	MID	MID		H	FAA
SAVAGE RIVER DAM	8065	08	GARRETT	39 31	79 8W	1495	08	08	08	C H	US CORPS OF ENGINEERS
SNOW HILL 4 N	8380	01	WORCESTER	38 14	75 23W	30	17	17		H	CURTIS E SHOCKLEY
TOWSON	8877	06	BALTIMORE	39 23	76 34W	390	18	18		H	INACTIVE 08/01/96
UNIONVILLE	9030	06	FREDERICK	39 27	77 11W	430	17	17		C H	INACTIVE 12/01/96
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 50W	10	18	18		H	DELMARVA POWER & LIGHT
WESTMINSTER POL BRKS	9440	06	CARROLL	39 33	76 58W	765	17	17		H	MARYLAND STATE POLICE
WOODSTOCK	9750	06	BALTIMORE	39 20	76 52W	460	18	18		H	JOHN A HILTZ
DELAWARE											
DOVER	2730	02	KENT	39 9	75 31W	30	17	17		H	STATE HIGHWAY DEPT
GEORGETOWN 5 SW	3570	02	SUSSEX	38 38	75 27W	45	08	08	08	C H	UNIV OF DEL SUBSTATION
GREENWOOD 2 NE	3595	02	SUSSEX	38 50	75 35W	45	18	18		H	DANIEL M SWARTZENTRUBER
LEWES	5320	02	SUSSEX	38 46	75 8W	15	17	17		H	BOARD OF PUBLIC WORKS
NEWARK UNIVERSITY FARM	6410	01	NEW CASTLE	39 40	75 44W	90	17	17	17	C H	UNIV OF DEL AGRIC FARM
WILMINGTON WSO ARPT	9595	01	NEW CASTLE	39 40	75 36W	74	MID	MID		C HJ	NATIONAL WEATHER SERVICE
WILMINGTON PORTER RSVR	9605	01	NEW CASTLE	39 46	75 32W	270	MID	MID		H	PUBLIC WORKS

REFERENCE NOTES

DEFINITIONS

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

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

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

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

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

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."

A change in operating systems at the National Climatic Data Center necessitates the temporary suspension of the graphics products that have appeared on the cover and inside "Climatological Data." We will resume the publication of similar, but not identical, graphics as soon as resources permit. We regret any inconvenience this change may cause our subscribers.

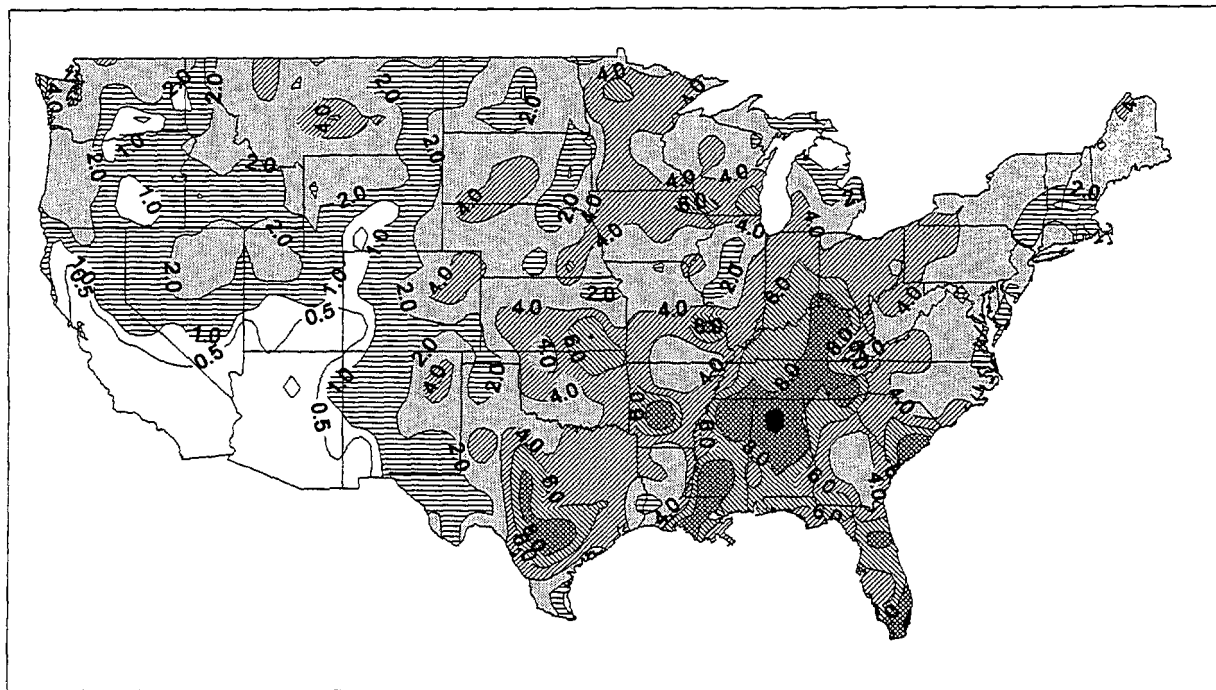
Information concerning the history of changes in locations, exposure, etc. of substations is kept on file at the National Climatic Data Center. Historical information of regular National Weather Service Offices may be obtained from the "Local Climatological Data" annual publication. The contents of this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

NATIONAL CLIMATIC DATA CENTER
ROOM 120
151 PATTON AVENUE
ASHEVILLE, NC 28801-5001

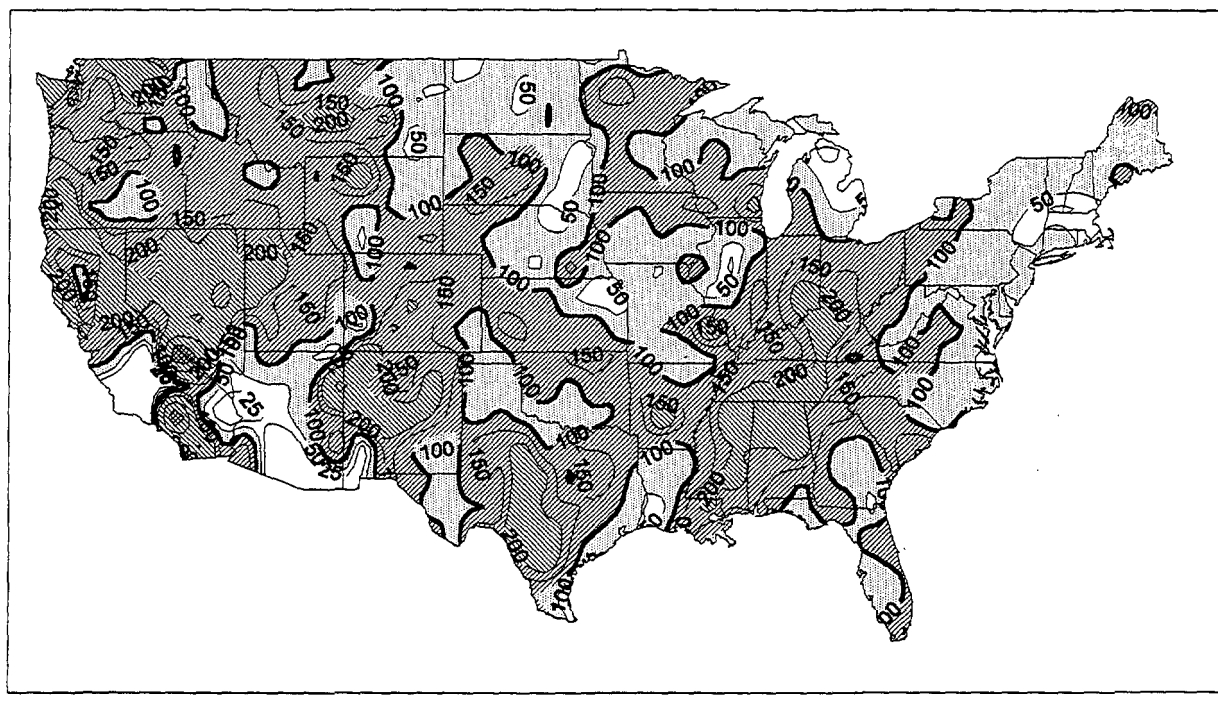
Total Precipitation (Inches)

June 1997



Percent of Normal Precipitation

June 1997

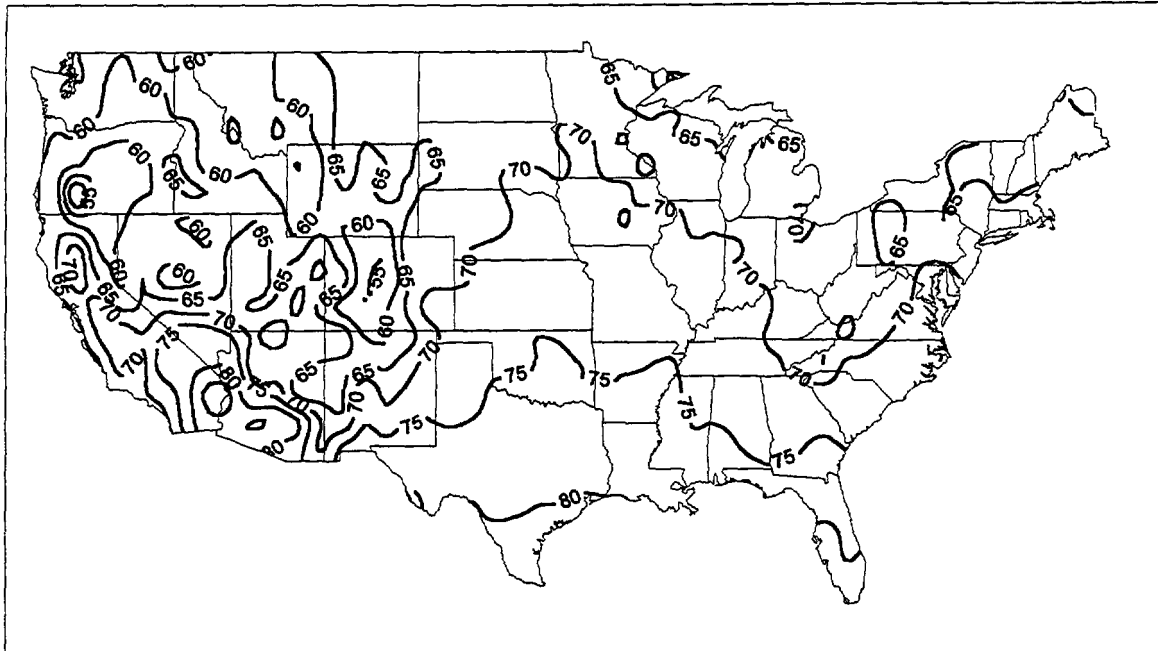


NOTE Contour maps are computer-generated and intended to show general temperature and precipitation patterns. Therefore, contours may not always account for individual datum points.

National Climatic Data Center, NOAA

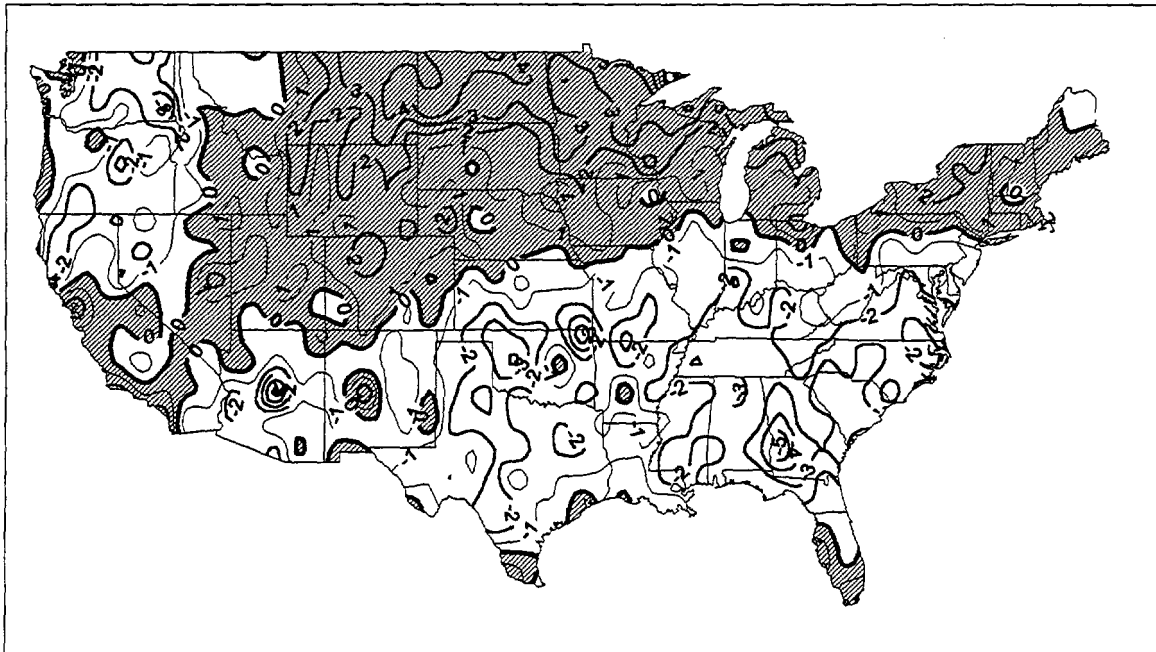
Average Temperature (Degrees F)

June 1997



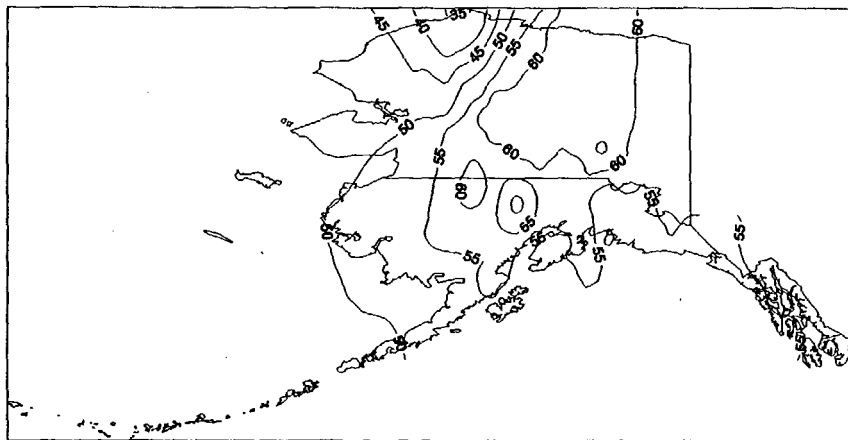
Departure of Average Temperature from Normal (Degrees F)

June 1997



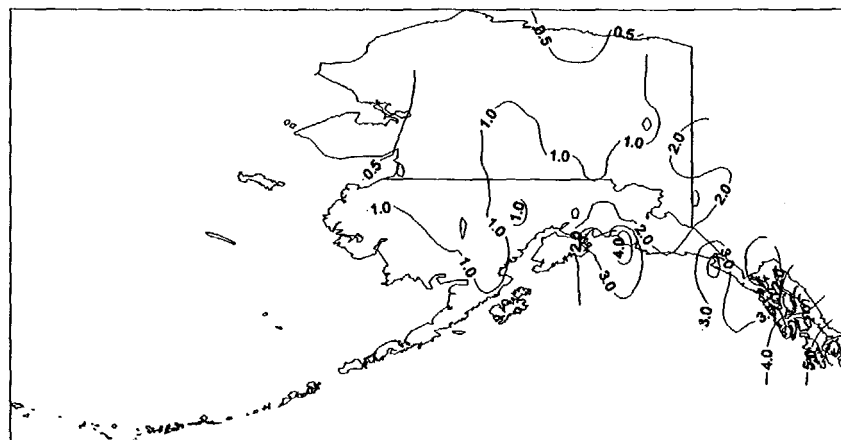
Average Temperature (Degrees F)

June 1997



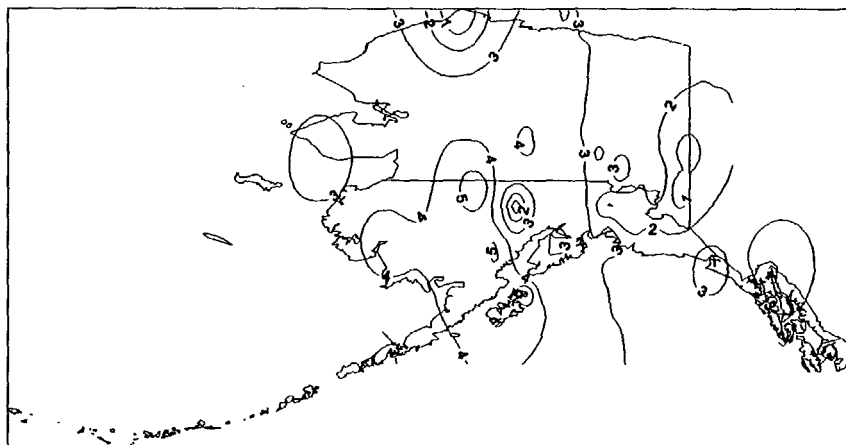
Alaska Precipitation (Inches)

June 1997



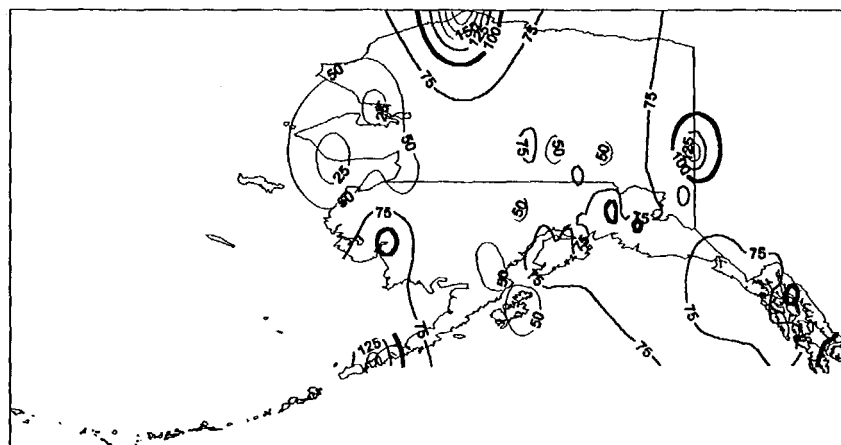
Departure of Average Temperature from Normal (Degrees F)

June 1997



Percent of Normal Precipitation

June 1997

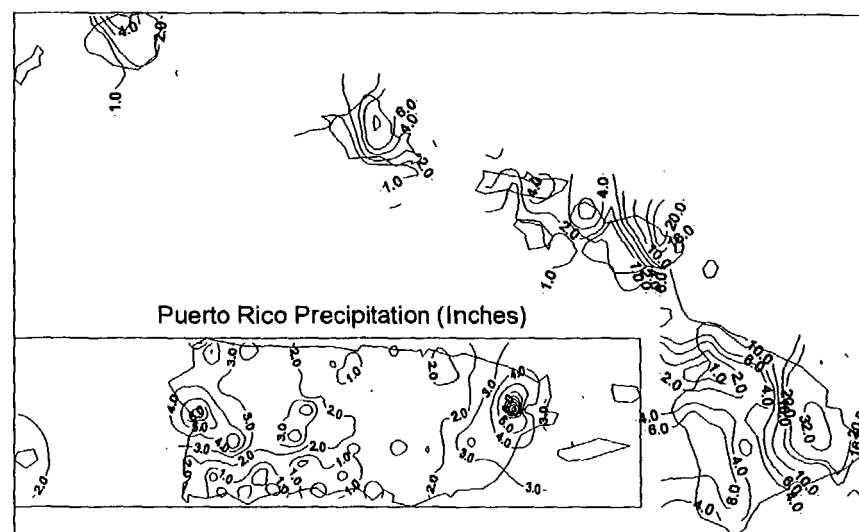
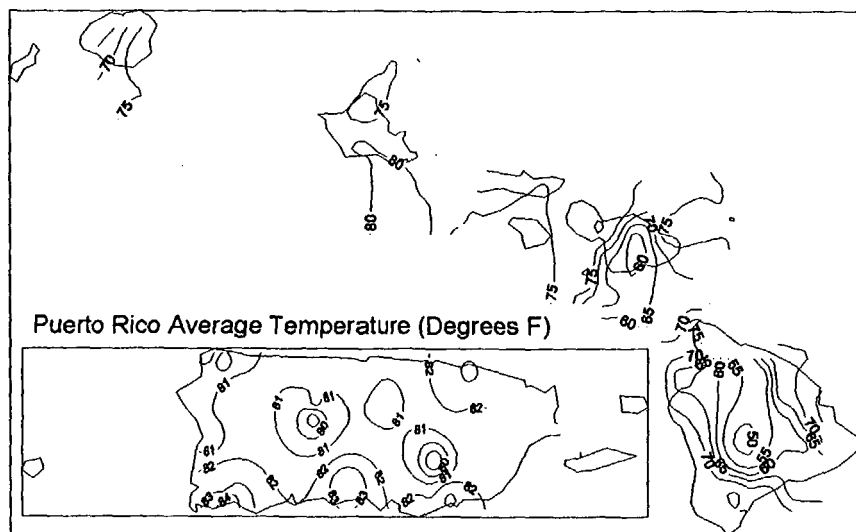


Hawaii Average Temperature (Degrees F)

June 1997

Hawaii Precipitation (Inches)

June 1997

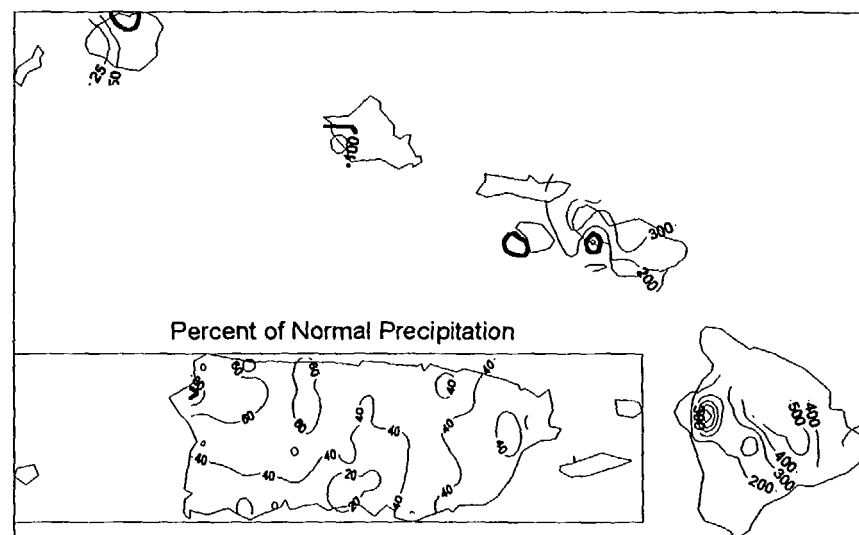
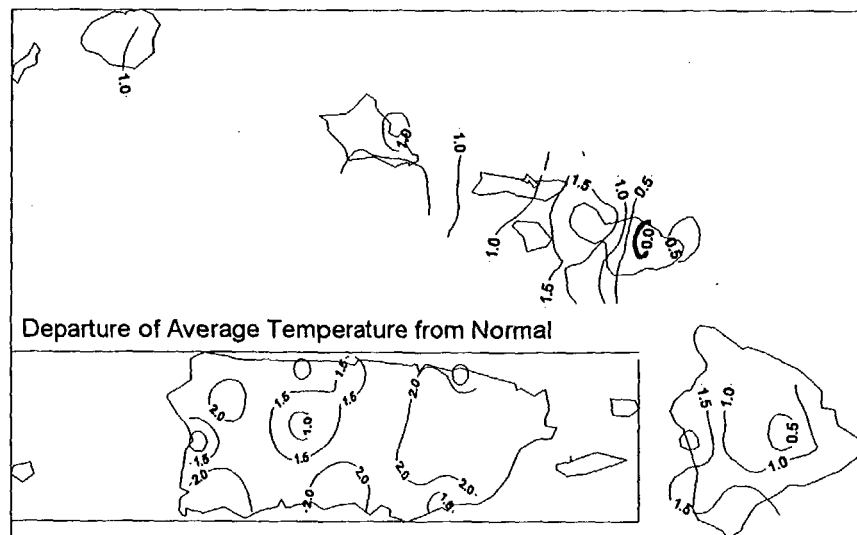


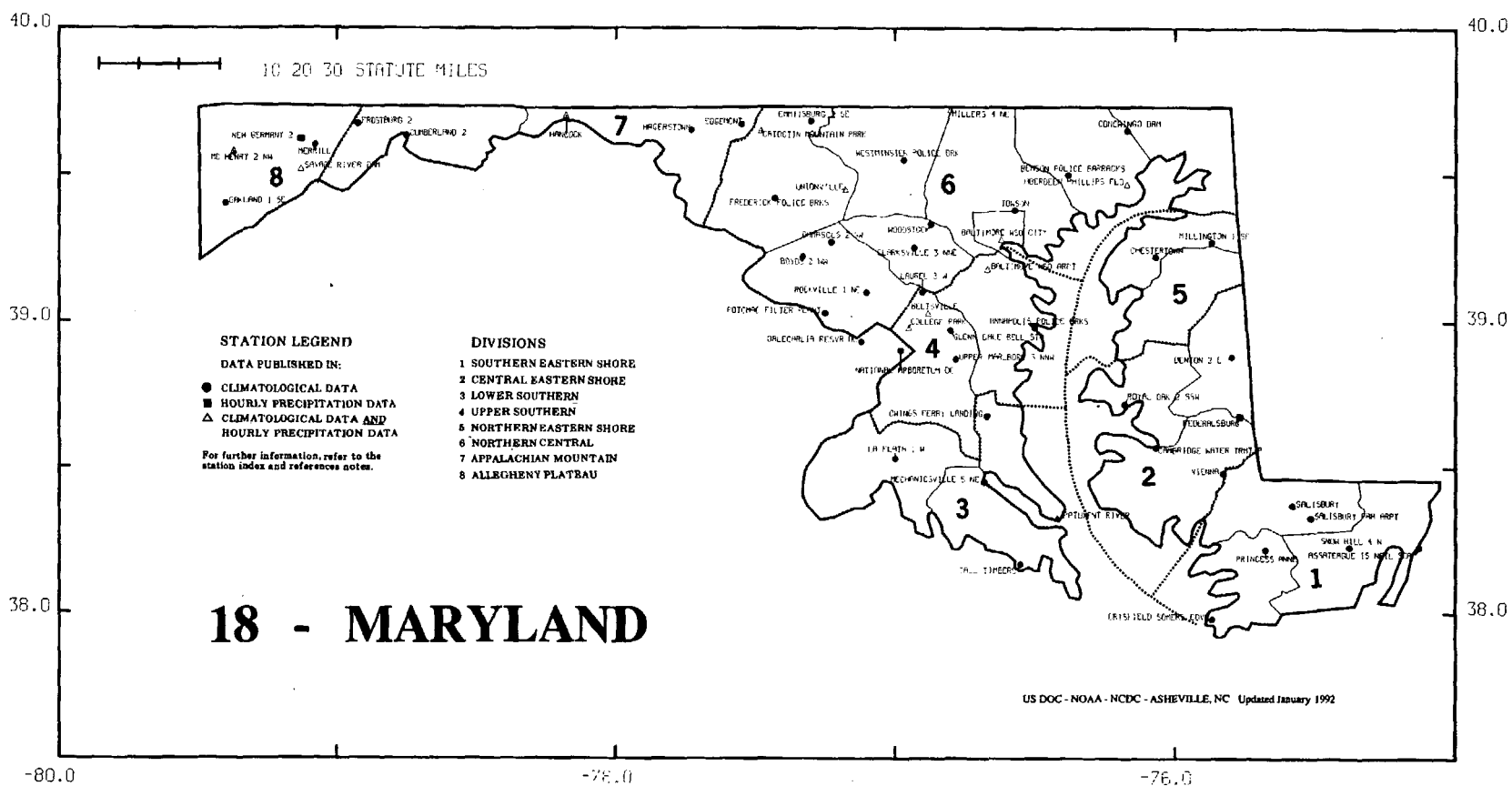
Departure of Average Temperature from Normal (Degrees F)

June 1997

Hawaii Percent of Normal Precipitation

June 1997





40.0

40.0

10 20 30 STATUTE MILES

07 - DELAWARE**STATION LEGEND**

DATA PUBLISHED IN:

- CLIMATOLOGICAL 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

39.0

39.0

US DOC - NOAA - NCEP - ASHEVILLE, NC
Updated January 1992

38.0
-76.0

-75.5

-75.0

38.0

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