CLIMATOLOGICAL DATA

MARYLAND AND DELAWARE

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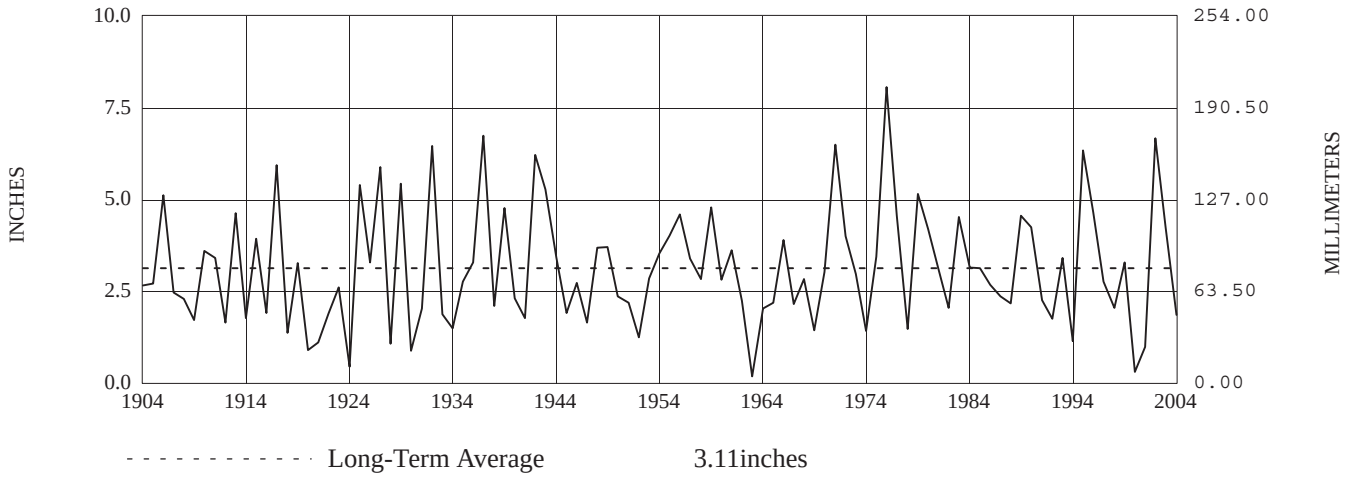

MARYLAND AND DELAWARE PRECIPITATION OCTOBER, 1904-2004

TEMPERATURE AND PRECIPITATION EXTREMES

MARYLAND			
HIGHEST TEMPERATURE	83	OCTOBER 31	DALECARLIA RESERVOIR
LOWEST TEMPERATURE	27	OCTOBER 12	OAKLAND 1 SE
GREATEST TOTAL PRECIPITATION	3.88		OAKLAND 1 SE
LEAST TOTAL PRECIPITATION	.82		2 STATIONS
GREATEST 1 DAY PRECIPITATION	1.54	OCTOBER 30	OAKLAND 1 SE

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TEMPERATURE AND PRECIPITATION EXTREMES

DELAWARE

HIGHEST TEMPERATURE	78	OCTOBER 9+	3 STATIONS
LOWEST TEMPERATURE	32	OCTOBER 19+	2 STATIONS
GREATEST TOTAL PRECIPITATION	2.96		WILMINGTON PORTER RSVR
LEAST TOTAL PRECIPITATION	1.53		DOVER
GREATEST 1 DAY PRECIPITATION	1.12	OCTOBER 20	GREENWOOD 2NE

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MONTHLY STATION AND DIVISION SUMMARY

STATION	TEMPERATURE (°F)													
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	HEATING DEGREE DAYS	COOLING DEGREE DAYS	NO. OF DAYS MAX 90 OR ABOVE	NO. OF DAYS MAX 32 OR BELOW	NO. OF DAYS MIN 32 OR BELOW	NO. OF DAYS MIN 0 OR BELOW
MARYLAND														
SOUTHERN EASTERN SHORE 01														
ASSATEAGUE	68.8	51.6	60.2	.6	79	3	37	18	165	24	0	0	0	0
PRINCESS ANNE	M	M	M		80	8	30	18			0	0	1	0
SALISBURY	66.9	50.4	58.7	-.4	78	8+	37	18	202	13	0	0	0	0
SALISBURY POLICE BRKS	67.4	50.2	58.8		78	31	36	18	197	15	0	0	0	0
SALISBURY FAA AP	65.9	44.2	55.1	-2.5	78	31	29	18	300	0	0	0	2	0
SNOW HILL 4 N	68.5	46.9	57.7	-.7	80	31	32	18	229	10	0	0	1	0
--DIVISIONAL DATA------->			58.1	-.6										
CENTRAL EASTERN SHORE 02														
ROYAL OAK 2 SSW	67.2	50.1	58.7	-1.1	77	8+	38	18	200	10	0	0	0	0
VIENNA	68.3	48.9	58.6	-.2	80	8	35	18	210	19	0	0	0	0
--DIVISIONAL DATA------->			58.7	-.1										
LOWER SOUTHERN 03														
MECHANICSVILLE 5 NE	63.8	45.6	54.7	-2.0	74	4+	34	19+	315	3	0	0	0	0
SOLOMONS	69.0M	52.3M	60.7M		80	3	43	18	142	19	0	0	0	0
--DIVISIONAL DATA------->			57.7	-.2										
UPPER SOUTHERN 04														
ANNAPOLIS POLICE BRKS	66.5	53.8	60.2	3.6	80	8	40	18	176	36	0	0	0	0
BALTIMORE WASH INTL AP R	64.5	46.3	55.4	.0	77	8	33	18	291	2	0	0	0	0
BELTSVILLE	65.4	45.7	55.6	-.5	77	9+	34	18	284	0	0	0	0	0
DALECARLIA RESERVOIR	68.0	48.4	58.2	.9	83	31	33	12	214	13	0	0	0	0
GLENN DALE BELL STN	65.5	43.5	54.5	-.6	79	9	31	18	316	0	0	0	2	0
MD SCI CTR BALTIMORE R	66.0	52.5	59.3		79	7	44	18+	191	18	0	0	0	0
NATIONAL ARBORETUM DC	66.8	47.5	57.2	.6	78	8+	37	19+	238	3	0	0	0	0
OXON HILL	66.1	47.6	56.9		76	9+	38	18	246	2	0	0	0	0
UPPER MARLBORO 3 NNW	65.7	45.5	55.6	.3	78	9+	33	18	285	3	0	0	0	0
--DIVISIONAL DATA------->			57.0	.2										
NORTHERN EASTERN SHORE 05														
CHESTERTOWN	67.4	46.3	56.9	-.3	82	8	34	18	251	4	0	0	0	0
--DIVISIONAL DATA------->			56.9	-.4										
NORTHERN CENTRAL 06														
ABERDEEN PHILLIPS FLD	M	M	M		76	8	36	18			0	0	0	0
CATOCTIN MOUNTAIN PARK	62.0	45.0	53.5	-1.0	76	8	37	23	352	3	0	0	0	0
CLARKSVILLE 3 NNE	M	M	M											
CONOWINGO DAM	M	M	M											
CYLBURN	M	M	M		76	31	35	18			0	0	0	0
DAMASCUS 3 SSW	61.7	45.7	53.7		73	8+	35	23+	344	3	0	0	0	0
EMMITSBURG 2 SE	64.0	44.1	54.1	-.8	75	8+	31	18	332	2	0	0	2	0
FREDERICK 2 NNE	64.8	44.5	54.7		78	9	35	18	314	0	0	0	0	0
MILLERS 4 NE	63.1	45.1	54.1	-.9	77	8+	32	18	331	2	0	0	1	0
ROCKVILLE 1 NE	65.9	46.9	56.4	1.3	79	8	35	18	261	5	0	0	0	0
SMITHSBURG 2NW	63.3	41.8	52.6		76	9	32	18+	381	0				
--DIVISIONAL DATA------->			54.2	-1.5										
APPALACHIAN MOUNTAIN 07														
CUMBERLAND 2	65.6	43.9	54.8	.9	80	8	32	18+	316	5	0	0	2	0
CUMBERLAND POLICE BRK	63.3	41.8	52.6		76	30	29	18	378	0	0	0	3	0
FROSTBURG 2	58.8	41.1	50.0	.7	73	31+	33	18+	458	0	0	0	0	0
HAGERSTOWN POLICE BRK	64.4	45.8	55.1		75	9+	33	18	303	6	0	0	0	0
SHARPSBURG 5 S	65.0	42.0	53.5		78	9	31	19+	349	0	0	0	2	0
--DIVISIONAL DATA------->			53.2	-.6										
ALLEGHENY PLATEAU 08														
OAKLAND 1 SE	62.7	40.5	51.6	1.6	76	8	27	12+	405	0	0	0	6	0
SAVAGE RIVER DAM	60.5	41.3	50.9	.9	73	31	31	11	428	0	0	0	6	0
--DIVISIONAL DATA------->			51.3	1.8										
DELAWARE														
NORTHERN 01														
BEAR 2 SW	63.9	45.3	54.6		78	8	32	18	317	0	0	0	1	0
NEWARK UNIV FARM	65.5	45.4	55.5	-.6	77	31+	33	18	290	2	0	0	0	0
WILMINGTON NEW CASTLE R	63.3	45.9	54.6	-1.2	76	31+	34	18	314	1	0	0	0	0
WILMINGTON PORTER RSVR	61.5	47.9	54.7	-.9	74	31+	38	18+	312	1	0	0	0	0
--DIVISIONAL DATA------->			54.9	-1.3										
SOUTHERN 02														
DOVER	65.0	49.0	57.0	-1.8	78	8	35	18	244	5	0	0	0	0

MONTHLY STATION AND DIVISION SUMMARY

STATION	PRECIPITATION (IN)									
					ICE PELLETS, SNOW			NO. OF DAYS		
	TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	TOTAL	MAX. DEPTH ON GROUND	DATE	.10 OR MORE	.50 OR MORE	1.00 OR MORE
MARYLAND										
SOUTHERN EASTERN SHORE 01										
ASSATEAGUE	2.15	-1.15	1.19	20	.0	0		5	1	1
PRINCESS ANNE	2.74	-.57			.0	0		3	0	0
SALISBURY	1.30	-2.13	.90	2	.0	0		3	1	0
SALISBURY POLICE BRKS	.82		.42	2	.0	0		3	0	0
SALISBURY FAA AP	1.74	-1.90	1.12	2	.0	0		3	1	1
SNOW HILL 4 N	1.14	-2.28	.57	20	.0	0		2	1	0
--DIVISIONAL DATA------->	1.65	-1.53			.0					
CENTRAL EASTERN SHORE 02										
ROYAL OAK 2 SSW	1.14	-2.32	.31	20	.0	0		6	0	0
VIENNA	2.49	-.65	.90	3	.0	0		6	2	0
--DIVISIONAL DATA------->	1.82	-1.25			.0					
LOWER SOUTHERN 03										
MECHANICSVILLE 5 NE	1.64	-2.28	.90	17	.0	0		3	1	0
SOLOMONS	M .82				.0	0		2	0	0
--DIVISIONAL DATA------->	1.64	-1.60			.0					
UPPER SOUTHERN 04										
ANNAPOLIS POLICE BRKS	M 2.20		.85	14	.0	0		6	2	0
BALTIMORE WASH INTL AP R	1.44	-1.72	.53	14	.0	0		6	1	0
BELTSVILLE	1.38	-2.18	.31	21	.0	0		5	0	0
DALECARLIA RESERVOIR	1.57	-1.91	.40	21	.0	0		3	0	0
GLENN DALE BELL STN	1.36	-2.25	.45	2	.0	0		4	0	0
MD SCI CTR BALTIMORE R	.82		.21	14	M	M		2	0	0
NATIONAL ARBORETUM DC	1.32	-2.11	.37	2	.0	0		3	0	0
OXON HILL	1.25		.30	2	.0	0		4	0	0
UPPER MARLBORO 3 NNW	1.64	-2.02	.57	20	.0	0		5	1	0
--DIVISIONAL DATA------->	1.35	-1.96			.0					
NORTHERN EASTERN SHORE 05										
CHESTERTOWN	1.57	-1.80	.45	19	.0	0		5	0	0
--DIVISIONAL DATA------->	1.57	-1.57			.0					
NORTHERN CENTRAL 06										
ABERDEEN PHILLIPS FLD	2.18	-1.21	.82	14	.0	0		4	1	0
CATOCTIN MOUNTAIN PARK	1.69	-2.20	.31	15	.0	0		8	0	0
CLARKSVILLE 3 NNE					M	M				
CONOWINGO DAM					M	M				
CYLBURN	1.63				.0	0		3	0	0
DAMASCUS 3 SSW	1.44		.55	21	.0	0		5	1	0
EMMITSBURG 2 SE	2.96	-.52	.60	17	.0	0		11	2	0
FREDERICK 2 NNE	1.91		.63	21	.0	0		5	1	0
MILLERS 4 NE	1.55	-1.89	.53	14	.0	0		5	1	0
ROCKVILLE 1 NE	.90	-2.46	.31	20	.0	0		5	0	0
SMITHSBURG 2NW					M	M				
--DIVISIONAL DATA------->	1.75	-1.59			.0					
APPALACHIAN MOUNTAIN 07										
CUMBERLAND 2	1.89	-.80	.42	30	.0	0		6	0	0
CUMBERLAND POLICE BRK	1.43		.40	24	.0	0		5	0	0
FROSTBURG 2	2.62	-.59	.66	30	.0	0		8	1	0
HAGERSTOWN POLICE BRK	2.48		.50	20	.0	0		9	1	0
SHARPSBURG 5 S	1.91		.61	21	T	T		6	1	0
--DIVISIONAL DATA------->	2.07	-1.10			.0					
ALLEGHENY PLATEAU 08										
OAKLAND 1 SE	3.88	.76	1.54	30	.0	0		9	1	1
SAVAGE RIVER DAM	1.64	-1.17	.48	30	.0	0		5	0	0
--DIVISIONAL DATA------->	2.76	-.41			.0					
DELAWARE										
NORTHERN 01										
BEAR 2 SW	2.31		.80	19	.0	0		7	2	0
NEWARK UNIV FARM	2.74	-.64	.64	19	.0	0		7	2	0
WILMINGTON NEW CASTLE R	2.43	-.65	.76	14	.0	0		6	2	0
WILMINGTON PORTER RSVR	2.96	-.34	1.00	19	.0	0		6	2	1
--DIVISIONAL DATA------->	2.61	-.52			.0					
SOUTHERN 02										
DOVER	1.53	-1.73	.38	19	.0	0		6	0	0

MONTHLY STATION AND DIVISION SUMMARY

STATION	TEMPERATURE (°F)										NO. OF DAYS			
											MAX		MIN	
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	HEATING DEGREE DAYS	COOLING DEGREE DAYS	90 OR ABOVE	32 OR BELOW	32 OR BELOW	0 OR BELOW
GREENWOOD 2NE	65.9	45.0	55.5	-.5	78	9	32	19+	288	0	0	0	2	0
LEWES	M	M	M											
SMYRNA 1 W	M	M	M											
--DIVISIONAL DATA------->			56.3	-1.4										

MONTHLY STATION AND DIVISION SUMMARY

STATION	PRECIPITATION (IN)									
					ICE PELLETS, SNOW			NO. OF DAYS		
	TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	TOTAL	MAX. DEPTH ON GROUND	DATE	.10 OR MORE	.50 OR MORE	1.00 OR MORE
GREENWOOD 2NE	2.44	-.71	1.12	20	.0	0		5	2	1
LEWES					M	M				
SMYRNA 1 W					M	M				
--DIVISIONAL DATA------->	1.99	-1.24			.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	2.15	.14		.23											.05	.03
PRINCESS ANNE	2.74		*	*	1.92										.10	.18
SALISBURY	1.30		.90													.15
SALISBURY POLICE BRKS	.82		.42											T	T	.13
SALISBURY FAA AP	1.74		1.12		T	.01								.01	.02	.19
SNOW HILL 4 N	1.14		.09	.01	T									T	.09	.13
CENTRAL EASTERN SHORE 02																
ROYAL OAK 2 SSW	1.14		.04											.06	.13	.11
VIENNA	2.49		.80	.90										.05		.12
LOWER SOUTHERN 03																
MECHANICSVILLE 5 NE	1.64	T	.01	T		T									.08	T
SOLOMONS	M .82		*	.15						-				T	.10	.07
UPPER SOUTHERN 04																
ANNAPOLIS POLICE BRKS	M 2.20	.01	.50								-				.85	.06
BALTIMORE WASH INTL AP R	1.44		.26											.02	.53	.11
BELTSVILLE	1.38		.28	.06											.10	.04
DALECARLIA RESERVOIR	1.57		.34		.27									.05	.05	.08
GLENN DALE BELL STN	1.36		.45												.06	
LAUREL 3 W	1.54		.12											.01	.20	.40
MD SCI CTR BALTIMORE R	.82		.04											.09	.21	.05
NATIONAL ARBORETUM DC	1.32		.37	.06											.05	.02
OXON HILL	1.25		.30	.04											.04	.01
UPPER MARLBORO 3 NNW	1.64			.21											.14	
NORTHERN EASTERN SHORE 05																
CHESTERTOWN	1.57		.20												.27	.44
NORTHERN CENTRAL 06																
ABERDEEN PHILLIPS FLD	2.18		*	*	.01										.82	.01
CATOCTIN MOUNTAIN PARK	1.69														.14	.31
CLARKSVILLE 3 NNE	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CONOWINGO DAM	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CYLBURN	1.63	*	.05	.02											*	*
DAMASCUS 3 SSW	1.44		T											.03	.13	.06
EMMITSBURG 2 SE	2.96														.15	.36
FREDERICK 2 NNE	1.91														.15	.32
MILLERS 4 NE	1.55		T	.05										T	.53	.03
POTOMAC FILTER PLANT	1.52		.25											.03	.10	.10
ROCKVILLE 1 NE	.90		T											.01	.03	.11
SMITHSBURG 2NW	M		.02											.26	.22	.18
APPALACHIAN MOUNTAIN 07																
CUMBERLAND 2	1.89			.02							.02				.15	
CUMBERLAND POLICE BRK	1.43		.05											.01		.18
FROSTBURG 2	2.62			.07							.05				.11	.02
HAGERSTOWN POLICE BRK	2.48		T	.12											.34	T
SHARPSBURG 5 S	1.91			.02											.27	.18
ALLEGHENY PLATEAU 08																
OAKLAND 1 SE	3.88		.06								.05			T	.15	.08
SAVAGE RIVER DAM	1.64			.04							T				.07	T
DELAWARE																
NORTHERN 01																
BEAR 2 SW	2.31		.10												.20	.25
NEWARK UNIV FARM	2.74	.24	.07												.16	.42
WILMINGTON NEW CASTLE R	2.43		.03											T	.76	.21
WILMINGTON PORTER RSVR	2.96		.04												.88	.23
SOUTHERN 02																
DOVER	1.53		.31												.05	.04
GREENWOOD 2NE	2.44	.14		.19											.12	T
LEWES	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	.12				1.19	.28		.05	.06							
PRINCESS ANNE	*	*	.13		.41											
SALISBURY	.02	.02		.06	.15	T								T		T
SALISBURY POLICE BRKS				.05	T	T				.22				T	T	
SALISBURY FAA AP	.05			.26	.06	.01			T					.01		
SNOW HILL 4 N	.06	.09		.09	.57									T	.01	
CENTRAL EASTERN SHORE 02																
ROYAL OAK 2 SSW	.14			.16	.31	.04	.02		.13					T		
VIENNA	.15	.05		.11	.26		.04	.01								
LOWER SOUTHERN 03																
MECHANICSVILLE 5 NE	.04	.90		.01	.20	.26	.01		.04	.02					.07	T
SOLOMONS	*	.08		.05	.08	.08	.04	*	.05					.10		.02
UPPER SOUTHERN 04																
ANNAPOLIS POLICE BRKS	.19			.20	.13	.14	.06		.06							
BALTIMORE WASH INTL AP R	.04		.03	.13	.13	.10	.01		.04					.03	.01	
BELTSVILLE	.06	.14		.03	.20	.31	.03		.04	.05					.04	
DALECARLIA RESERVOIR	.08			.02	.05	.40	.02		.09					.09	.03	
GLENN DALE BELL STN		.17	.06	.11	.37	.05			.08						.01	
LAUREL 3 W	.10			.15	.20	.23			.12						.01	
MD SCI CTR BALTIMORE R	.05		.08	.12	.08	.05			.04					.01		
NATIONAL ARBORETUM DC	.05	.03		.01	.23	.28	.03	.02	.05	.03					.08	.01
OXON HILL	.08	.04		.02	.28	.26	.01		.04	.02	T		T		.10	.01
UPPER MARLBORO 3 NNW	.08			.21	.57	.27	.02		.07	.01					.06	
NORTHERN EASTERN SHORE 05																
CHESTERTOWN	.14			.45		.07	T		T					T		
NORTHERN CENTRAL 06																
ABERDEEN PHILLIPS FLD	*	*	.53	.37	.14	.24	.04	*	*	.02						
CATOCTIN MOUNTAIN PARK	.26			.26	.21	.17	.14		.11	.02				.02	.05	
CLARKSVILLE 3 NNE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CONOWINGO DAM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CYLBURN	.52	.43		.28	.04	.21			.05	.01			*	*	.02	
DAMASCUS 3 SSW	.35			.10	.05	.55	T		.12	T				T	.05	
EMMITSBURG 2 SE	.02	.60	.10	.28	.16	.26		.16	.50	.05				.15	.15	.02
FREDERICK 2 NNE	.07	.15		.06	.27	.63	.09	.02	.07	.04					.04	
MILLERS 4 NE	.19			.24	.03	.25	.06		.04	.01				T	.12	
POTOMAC FILTER PLANT	.12			.20	.25	.21	.03		.10					.10	.03	
ROCKVILLE 1 NE	.03		.04	.10	.31	.17	T		.10						T	
SMITHSBURG 2NW	.13		.20	.07	.20	.02		.08	.06					.07		
APPALACHIAN MOUNTAIN 07																
CUMBERLAND 2	.08	.14		.18	.05	.33	.06	.01	.38	.05					.42	
CUMBERLAND POLICE BRK	.20	.05		.20	.30				.40					.01	.03	
FROSTBURG 2	.16	.36		.24	.07	.26	.13	.07	.33	.05					.66	.04
HAGERSTOWN POLICE BRK	.30	.12	.48	.22	.50	.20	T		.18					T	.02	
SHARPSBURG 5 S	.06	.15		.06	.35	.61	.03		.15	.03					T	
ALLEGHENY PLATEAU 08																
OAKLAND 1 SE	.43	.04	T	.45	.12	.14	T	T	.42	.03	.02	.12	T	.23	1.54	
SAVAGE RIVER DAM	.06	.25		.16	.05	.22	.04	T	.27						.48	
DELAWARE																
NORTHERN 01																
BEAR 2 SW	.20		T	.80	T	.15	.02								.59	
NEWARK UNIV FARM	.61			.64		.15									.45	
WILMINGTON NEW CASTLE R	.23		.15	.69	.03	.06	T								.27	
WILMINGTON PORTER RSVR	.23		.03	1.00	.01	.14	T							T	.40	
SOUTHERN 02																
DOVER	.08	.11		.38	.10	.25	.05								.16	
GREENWOOD 2NE	.72	.06		.02	1.12	.04	.03								T	
LEWES	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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	76	77	79	70	77	67	68	76	78	78	77	66	67	69	65
		MIN	63	60	67	57	53	53	40	43	47	59	54	47	44	45	57
PRINCESS ANNE	17	MAX	79			76	74		75	80			77	64	62		66
		MIN	50			62	50		35	42			43	35	34		50
SALISBURY	17	MAX	78	74	74	73	69	66	75	78	75	73	71	62	62	65	66
		MIN	54	60	62	56	55	42	44	49	50	58	48	43	42	56	55
SALISBURY POLICE BRKS	17	MAX	77	75	74	76	74	67	76	77	77	73	67	62	62	65	67
		MIN	54	60	61	55	55	42	42	49	50	58	48	41	42	56	55
SALISBURY FAA AP	MID	MAX	76	74	67	72	64	66	74	77	75	72	62	61	62	64	67
		MIN	48	56	54	51	39	37	37	42	45	52	39	37	33	49	50
SNOW HILL 4 N	17	MAX	77	78	71	75	71	68	77	78	78	76	73	64	67	65	67
		MIN	51	55	63	52	51	37	38	44	46	52	47	34	35	52	53
CENTRAL EASTERN SHORE 02																	
ROYAL OAK 2 SSW	18	MAX	77	75	72	74	71	67	74	77	73	71	67	64	65	67	65
		MIN	51	64	59	54	54	39	46	51	55	57	52	40	43	54	54
		OBS															
VIENNA	18	MAX	78	78	74	76	73	69	78	80	76	77	69	63	63	65	66
		OBS											79				
		MIN	53	68	58	54	63	39	43	46	49	56	46	38	39	55	54
		OBS	64									47					
LOWER SOUTHERN 03																	
MECHANICSVILLE 5 NE	07	MAX	72	72	74	74	71	61	63	70	72	69	69	60	63	59	68
		MIN	52	52	58	54	50	37	37	40	45	56	46	39	39	39	49
SOLOMONS	16	MAX	75		80	77	77	69	75	74		76	76	70	71	70	67
		MIN	58		61	59	54	47	52	55		59	51	44	48	55	61
UPPER SOUTHERN 04																	
ANNAPOLIS POLICE BRKS	17	MAX	71	71	70	72	74	70	72	80	79	73	73	68	71	70	66
		OBS					65					***					
		MIN	64	69	60	68	59	47	49	55	68	64	58	50	46	59	57
		OBS						64	68	66		***			59		
BALTIMORE WASH INTL AP	MID	MAX	75	71	70	74	63	66	76	77	71	71	64	66	62	67	64
		MIN	50	62	53	53	42	38	42	47	51	51	44	38	38	51	47
BELTSVILLE	08	MAX	74	76	73	72	75	62	67	77	77	72	70	63	67	62	69
		MIN	50	52	56	54	49	39	41	45	49	51	47	37	38	43	52
DALECARLIA RESERVOIR	17	MAX	78	76	72	78	76	73	77	75	78	71	65	68	64	71	70
		OBS					63										
		MIN	53	61	54	52	52	44	40	50	47	56	48	33	47	49	57
		OBS	62										64				
GLENN DALE BELL STN	08	MAX	74	77	71	71	76	64	68	78	79	72	72	64	68	62	68
		MIN	48	50	54	52	46	35	36	42	45	53	44	34	35	43	51
MD SCI CTR BALTIMORE	MID	MAX	77	73	71	77	64	69	79	78	73	72	64	66	65	67	66
		MIN	57	65	57	60	52	49	52	56	58	54	50	44	49	53	52
NATIONAL ARBORETUM DC	07	MAX	76	78	73	71	76	64	68	78	77	72	73	65	68	65	71
		MIN	52	52	58	55	53	41	41	46	50	50	49	42	42	45	52
OXON HILL	08	MAX	76	76	74	71	76	64	67	76	76	72	71	64	69	64	70
		MIN	52	54	56	55	52	41	43	45	49	57	50	42	42	44	52
UPPER MARLBORO 3 NNW	08	MAX	75	76	74	71	75	64	68	78	78	72	71	64	68	64	70
		MIN	50	52	57	54	49	38	40	44	47	54	46	38	39	41	52
NORTHERN EASTERN SHORE 05																	
CHESTERTOWN	23	MAX	80	74	72	78	68	70	80	82	72	74	67	69	63	67	63
		MIN	48	58	52	50	46	38	43	47	53	53	44	38	38	49	50
NORTHERN CENTRAL 06																	
ABERDEEN PHILLIPS FLD	16	MAX	75			73	73	66	74	76				64	64	63	66
		MIN	49			51	51	39	42	48				40	39	51	57
CATOCTIN MOUNTAIN PARK	17	MAX	73	73	68	70	71	64	74	76	70	70	59	63	60	63	58
		MIN	55	59	45	44	41	41	41	43	52	50	40	38	38	45	48
		OBS							50	54					48		
CLARKSVILLE 3 NNE	17	MAX															
		MIN															
CONOWINGO DAM	07	MAX															
		MIN															
CYLBURN	17	MAX			70	74	70					68			60		
		MIN			52	51	47					56			41		
DAMASCUS 3 SSW	22	MAX	71	72	66	72	62	63	73	73	68	67	60	63	56	63	61
		MIN	48	64	49	49	44	37	44	48	53	53	42	35	43	48	46
EMMITSBURG 2 SE	17	MAX	73	72	73	73	66	65	75	75	74	69	62	61	63	64	64
		MIN	44	60	48	41	39	34	37	40	46	55	43	42	32	49	54
FREDERICK 2 NNE	07	MAX	74	76	74	71	76	62	66	77	78	71	68	64	69	61	68
		MIN	49	49	52	49	47	38	37	40	44	53	43	37	37	42	50
MILLERS 4 NE	18	MAX	75	71	69	73	66	66	77	77	73	66	61	63	63	62	62
		MIN	45	60	47	44	44	34	42	47	53	55	43	38	39	47	53
ROCKVILLE 1 NE	MID	MAX	77	74	73	76	62	67	76	79	74	70	64	70	61	69	65
		MIN	49	63	52	53	43	36	51	45	55	51	44	39	40	48	47

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	68	68	63	71	72	63	63	61	63	57	64	65	65	66	66	67	68.8
	54	50	37	38	62	58	55	51	50	48	47	50	47	50	55	59	51.6
PRINCESS ANNE			69	71	70		62			63	64	66					M
			30	54	50		49			40	40	39					M
SALISBURY	64	62	68	70	61	59	59	59	56	60	62	64	64	61	68	77	66.9
	47	40	37	58	58	55	53	45	46	45	47	45	44	47	56	64	50.4
SALISBURY POLICE BRKS	66	62	69	70	61	58	58	59	59	60	62	64	63	61	69	78	67.4
	48	39	36	59	58	54	55	48	45	45	45	46	44	47	57	63	50.2
SALISBURY FAA AP	64	62	67	69	59	57	59	60	55	61	62	64	64	60	69	78	65.9
	37	32	29	59	56	53	49	41	44	42	40	37	37	40	57	47	44.2
SNOW HILL 4 N	67	63	68	71	70	59	58	61	56	64	63	64	65	61	69	80	68.5
	45	35	32	56	58	56	53	44	42	41	44	41	38	41	56	61	46.9
CENTRAL EASTERN SHORE 02																	
ROYAL OAK 2 SSW	64	63	67	67	69	57	60	60	55	59	66	66	68	60	68	75	67.2
	53	41	38	58	54	52	50	42	40	47	46	44	43	52	58	63	50.1
		49															
VIENNA	65	65	69	68	63	59	61	60	57	60	64	65	66	65	67	78	68.3
									***								
	46	38	35	58	55	52	48	46	46	39	46	44	42	47	55	59	48.9
								57	***								
LOWER SOUTHERN 03																	
MECHANICSVILLE 5 NE	62	62	60	62	66	55	55	56	57	50	57	63	62	61	60	73	63.8
	44	39	34	34	54	53	51	39	38	45	44	44	44	47	52	60	45.6
SOLOMONS		66	66	70	62	59	61		62	60	66	64	64	63		75	69.0
		45	43	59	55	53	51		46	49	48	49	49	54		56	52.3
UPPER SOUTHERN 04																	
ANNAPOLIS POLICE BRKS	61	60	61	62	57	55	56	60	53	58	66	62	61	68	67	76	66.5
											56						
	50	50	40	55	52	51	50	49	45	49	46	48	48	47	53	62	53.8
BALTIMORE WASH INTL AP	61	62	61	56	53	54	56	58	51	56	64	65	61	58	70	76	64.5
	44	39	33	53	51	50	42	39	40	47	43	44	46	51	56	51	46.3
BELTSVILLE	65	65	63	65	57	54	54	55	59	51	58	65	65	65	59	72	65.4
	44	37	34	35	52	51	50	40	40	46	41	41	47	49	55	53	45.7
DALECARLIA RESERVOIR	64	65	66	61	58	54	58	59	54	60	68	65	65	63	73	83	68.0
							72										
	41	38	36	55	51	51	49	38	41	44	45	47	49	53	58	61	48.4
													61				
GLENN DALE BELL STN	65	63	65	65	57	52	53	54	59	51	56	65	64	65	59	73	65.5
	42	35	31	32	52	51	48	35	37	44	38	39	43	47	52	56	43.5
MD SCI CTR BALTIMORE	64	63	62	57	55	56	58	61	53	59	64	64	63	60	69	78	66.0
	46	44	44	54	53	52	51	46	48	52	52	53	53	53	57	60	52.5
NATIONAL ARBORETUM DC	70	64	65	67	60	54	56	57	60	53	58	68	65	65	59	74	66.8
	47	44	37	37	53	52	50	40	42	46	43	44	48	50	54	59	47.5
OXON HILL	65	63	65	66	63	55	55	57	58	52	58	68	63	63	59	74	66.1
	46	40	38	39	53	52	50	40	41	46	42	44	47	51	54	59	47.6
UPPER MARLBORO 3 NNW	64	63	64	66	59	53	54	55	58	51	56	67	62	65	59	74	65.7
	45	41	33	35	52	51	49	36	37	44	40	41	45	48	53	59	45.5
NORTHERN EASTERN SHORE 05																	
CHESTERTOWN	64	64	68	57	56	56	61	62	55	63	65	68	67	61	67	77	67.4
	47	42	34	50	42	50	46	38	39	45	47	42	46	45	55	59	46.3
NORTHERN CENTRAL 06																	
ABERDEEN PHILLIPS FLD			62	62	55	55	56			58	60	63	62	61			M
			36	53	51	50	47			49	52	50	49	51			M
CATOCTIN MOUNTAIN PARK	53	56	57	55	47	49	50	55	50	53	62	62	61	57	69	73	62.0
	42	39	38	45	45	46	44	37	40	44	45	45	44	48	52	60	45.0
CLARKSVILLE 3 NNE																	M
																	M
CONOWINGO DAM																	M
																	M
CYLBURN	60	59	59	57	54			57	53	55	61	62			65	76	M
	46	39	35	51	50			38	41	47	47	44			55	59	M
DAMASCUS 3 SSW	57	58	59	54	52	51	52	54	48	54	61	63	62	57	68	72	61.7
	44	38	35	51	49	48	47	35	43	45	40	41	44	49	53	51	45.7
EMMITSBURG 2 SE	57	58	60	59	52	52	53	55	57	56	64	63	62	65	68	74	64.0
	48	38	31	48	49	49	38	34	38	48	38	42	43	51	50	58	44.1
FREDERICK 2 NNE	64	60	61	63	53	53	54	54	57	52	58	65	65	65	59	71	64.8
	49	42	35	36	50	50	48	36	36	43	42	41	46	47	53	57	44.5
MILLERS 4 NE	58	58	61	54	50	52	53	58	48	55	62	64	64	56	67	73	63.1
	45	35	32	49	48	48	46	33	37	46	46	41	42	45	54	59	45.1
ROCKVILLE 1 NE	61	63	64	59	54	54	55	60	51	58	67	65	66	59	72	77	65.9
	46	40	35	52	50	49	43	37	39	50	42	46	47	52	56	55	46.9

DAILY TEMPERATURES (°F)

STATION	OB. TIME	MAX/MIN	DAY OF MONTH 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
		OBS															
SMITHSBURG 2NW	08	MAX	71	74	74	68	74	60	65	75	76	74	65	62	67	60	63
		MIN	45	46	46	46	39	34	35	40	43	50	35	32	33	41	49
		OBS															
APPALACHIAN MOUNTAIN 07																	
CUMBERLAND 2	18	MAX	76	73	70	76	71	68	76	80	76	71	68	75	72	57	60
		OBS					63										
		MIN	45	46	44	40	35	35	39	44	47	38	36	36	42	49	49
		OBS															
CUMBERLAND POLICE BRK	17	MAX	71	73	73	72	73	61	70	73	73	61	66	71	65	56	59
		OBS													56		
		MIN	43	55	44	42	37	32	32	38	38	42	38	34	39	39	49
		OBS															
FROSTBURG 2	07	MAX	65	70	67	67	69	56	63	72	73	71	56	60	67	54	57
		MIN	44	45	41	41	38	33	33	41	45	44	39	36	36	44	46
HAGERSTOWN POLICE BRK	17	MAX	74	73	73	74	73	65	73	75	75	69	62	65	68	62	63
		MIN	47	62	49	46	44	35	35	44	52	53	38	36	39	49	56
SHARPSBURG 5 S	07	MAX	69	76	77	70	76	62	67	76	78	73	68	64	68	58	68
		MIN	46	46	50	46	39	34	34	39	43	50	37	33	33	40	50
ALLEGHENY PLATEAU 08																	
OAKLAND 1 SE	17	MAX	70	70	63	67	67	66	73	76	74	62	64	70	68	56	54
		MIN	41	55	44	41	32	27	30	33	41	42	32	27	36	47	45
SAVAGE RIVER DAM	08	MAX	68	68	68	69	69	56	63	70	72	70	58	64	70	56	59
		OBS											70				
		MIN	43	42	47	44	37	32	32	32	38	45	31	35	35	42	48
		OBS											40				
DELAWARE																	
NORTHERN 01																	
BEAR 2 SW	MID	MAX	76	69	70	74	60	65	76	78	70	70	61	64	61	62	66
		MIN	45	57	52	46	41	34	40	45	50	53	45	36	36	51	52
NEWARK UNIV FARM	17	MAX	77	74	73	73	74	66	75	77	71	72	65	65	62	62	64
		OBS					62										
		MIN	46	54	56	50	40	36	47	48	50	51	42	39	38	50	53
		OBS	62													38	38
WILMINGTON NEW CASTLE	MID	MAX	74	68	68	72	62	65	76	75	69	70	62	64	60	61	65
		MIN	48	60	51	48	43	37	43	48	51	52	41	38	39	52	49
WILMINGTON PORTER RSVR	MID	MAX	72	66	66	71	61	63	73	74	68	68	58	61	60	58	64
		MIN	52	58	53	52	48	43	47	52	55	52	47	38	42	51	50
SOUTHERN 02																	
DOVER	16	MAX	75	74	70	72	71	64	72	78	75	72	69	60	62	61	65
		MIN	52	60	56	52	51	41	45	49	52	59	46	40	40	50	54
GREENWOOD 2NE	07	MAX	74	77	72	68	75	65	68	77	78	75	73	64	64	62	62
		MIN	49	49	57	50	51	40	40	41	46	49	46	38	37	37	52
LEWES	17	MAX															
		MIN															
SMYRNA 1 W	07	MAX															
		MIN															

DAILY TEMPERATURES (°F)

STATION	DAY OF MONTH																AVERAGE
	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
			55														
SMITHSBURG 2NW	64	55	58	61	53	51	54	53	57	50	56	64	64	63	58	73	63.3
	44	32	32	33	48	49	48	36	41	44	41	44	45	41	52	53	41.8
														49			
APPALACHIAN MOUNTAIN 07																	
CUMBERLAND 2	57	60	60	54	52	54	52	55	52	62	65	65	63	61	77	76	65.6
	42	32	32	48	48	49	45	45	45	43	43	47	47	53	57	60	43.9
																43	
CUMBERLAND POLICE BRK	59	56	57	57	53	53	53	51	52	61	62	60	60	61	76	74	63.3
	40	39	29	42	48	44	45	37	43	43	40	47	44	46	54	53	41.8
				29				22					54				
FROSTBURG 2	55	45	51	52	49	47	49	45	47	47	57	62	57	57	63	73	58.8
	42	36	33	34	45	45	45	41	40	41	38	37	46	45	48	53	41.1
HAGERSTOWN POLICE BRK	56	59	60	60	52	52	53	57	48	56	64	64	63	64	70	74	64.4
	46	39	33	48	48	49	46	36	42	47	47	46	46	47	55	61	45.8
SHARPSBURG 5 S	66	61	62	63	56	53	54	54	59	50	57	65	63	65	62	74	65.0
	44	35	31	31	50	50	49	37	37	45	42	43	43	43	51	50	42.0
ALLEGHENY PLATEAU 08																	
OAKLAND 1 SE	52	49	59	59	53	58	55	48	60	65	67	66	54	59	72	67	62.7
	36	36	28	46	45	45	46	42	42	36	36	46	48	42	56	54	40.5
SAVAGE RIVER DAM	56	56	53	54	54	54	54	48	49	51	62	63	55	55	58	73	60.5
	47	40	32	32	44	43	48	44	44	42	39	39	48	50	51	55	41.3
					32	32											
DELAWARE																	
NORTHERN 01																	
BEAR 2 SW	62	60	63	54	54	54	57	59	53	58	60	63	62	58	65	76	63.9
	46	37	32	52	52	50	47	40	41	48	44	38	44	40	56	53	45.3
NEWARK UNIV FARM	64	63	65	57	54	56	59	58	60	59	62	62	62	60	63	77	65.5
	39	38	33	48	50	47	46	40	42	43	46	40	44	44	52	56	45.4
WILMINGTON NEW CASTLE	62	60	61	54	53	54	57	58	53	59	60	63	61	58	63	76	63.3
	44	38	34	51	50	49	44	41	42	47	45	41	44	43	55	55	45.9
WILMINGTON PORTER RSVR	64	56	59	53	51	52	55	55	52	57	58	61	57	58	62	74	61.5
	44	42	38	50	48	47	46	41	42	48	49	48	45	44	55	57	47.9
SOUTHERN 02																	
DOVER	62	63	64	63	56	56	57	53	53	60	61	63	62	60	66	75	65.0
	47	40	35	54	53	51	49	49	46	48	47	46	47	46	55	59	49.0
GREENWOOD 2NE	67	63	61	67	68	56	56	59	60	53	61	62	66	62	59	69	65.9
	44	38	32	32	56	52	50	40	43	46	44	44	42	44	48	58	45.0
LEWES																	M
																	M
SMYRNA 1 W																	M
																	M

EVAPORATION AND WIND

STATION		DAY OF MONTH														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MARYLAND																
UPPER SOUTHERN 04																
BELTSVILLE	WIND	-	*	*	82	38	43	14	12	*	*	116	48	42	24	32
	EVAP	-	*	*	33	16	17	12	10	*	*	38	14	12	5	9
	MAX	75	-	-	79	78	69	70	76	-	-	78	66	68	57	71
	MIN	53	-	-	53	52	43	43	46	-	-	47	41	42	43	52
UPPER MARLBORO 3 NNW	WIND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	EVAP	-	-	-	-	16	14	11	10	*	*	35	10	11	2	8
	MAX	80	81	73	80	81	73	75	79	81	73	77	70	72	61	75
	MIN	59	59	62	61	54	46	46	49	53	58	48	44	44	47	55

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	*	*	*	176	60	48	*	*	*	83	*	38	17	*	*	74	978B
	*	*	*	34	2	1	2	*	*	10	*	10	4	*	*	12	2.49B
	-	-	-	63	58	53	53	-	-	62	-	65	62	-	-	67	M
	-	-	-	37	52	51	49	-	-	39	-	42	47	-	-	47	M
UPPER MARLBORO 3 NNW	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	M
	*	*	25	*	8	9	0	*	*	14	1	*	9	14	0	-	2.35B
	63	63	66	67	59	56	57	61	64	52	58	67	63	69	59	71	68.6
	47	40	39	39	55	53	52	42	42	46	46	46	49	49	53	57	49.7

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

SNOWFALL AND SNOW ON GROUND (INCHES)

STATION		DAY OF MONTH														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MARYLAND																
MARYLAND																
APPALACHIAN																
MOUNTAIN 07																
SHARPSBURG 5 S	SNOWFALL															
	SN ON GND															

Snowfall: Includes snow and ice. Values for NWS stations (J index note)are Mid - Mid (LST).
Snow on ground: Includes snow, sleet, ice and hail. Values for NWS stations(J index note) are observed at 12 UTC (GMT).
Water Equivalent: Given for NWS stations (J index note) only, when snow depth is 2 inches or more, and is measured at 18 UTC(GMT).

SNOWFALL AND SNOW ON GROUND (INCHES)

STATION	DAY OF MONTH															
	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
MARYLAND																
MARYLAND APPALACHIAN MOUNTAIN 07																
SHARPSBURG 5 S		T														

Snowfall: Includes snow and ice. Values for NWS stations (J index note)are Mid - Mid (LST).
Snow on ground: Includes snow, sleet, ice and hail. Values for NWS stations(J index note) are observed at 12 UTC (GMT).
Water Equivalent: Given for NWS stations (J index note) only, when snow depth is 2 inches or more, and is measured at 18 UTC(GMT).

STATION INDEX

STATION	INDEX NO.	DIVISION	COUNTY	LATITUDE	LONGITUDE	ELEVATION (IN FEET)	OBSERVATION TIME AND TABLES LOCAL STD TIME TEMP	PRECIP	EVAP	SPECIAL SEE (NOTES)	OBSERVER
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 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 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	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 24	79 24W	2420	17	17		H	BEA J CROSCO
OXON HILL	6800	04	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
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 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.
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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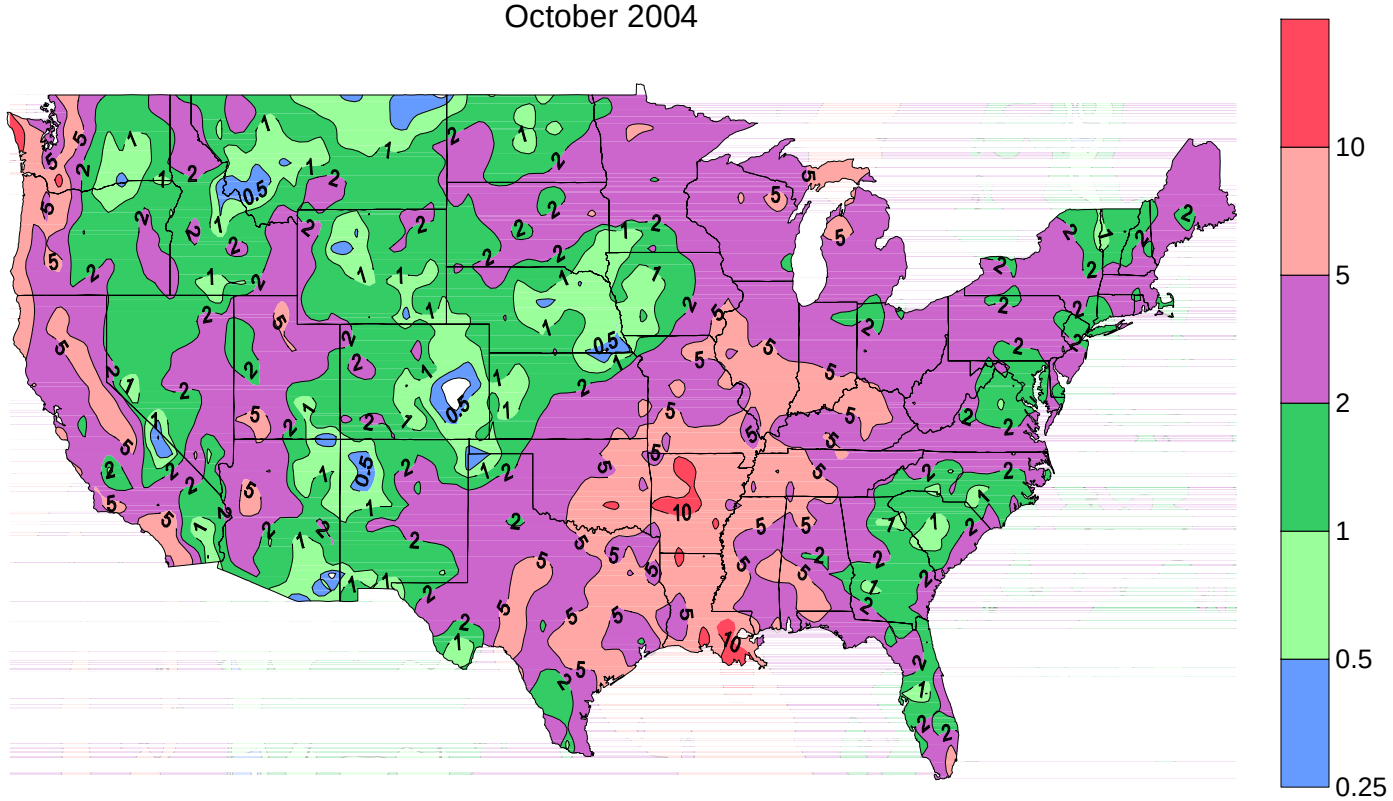
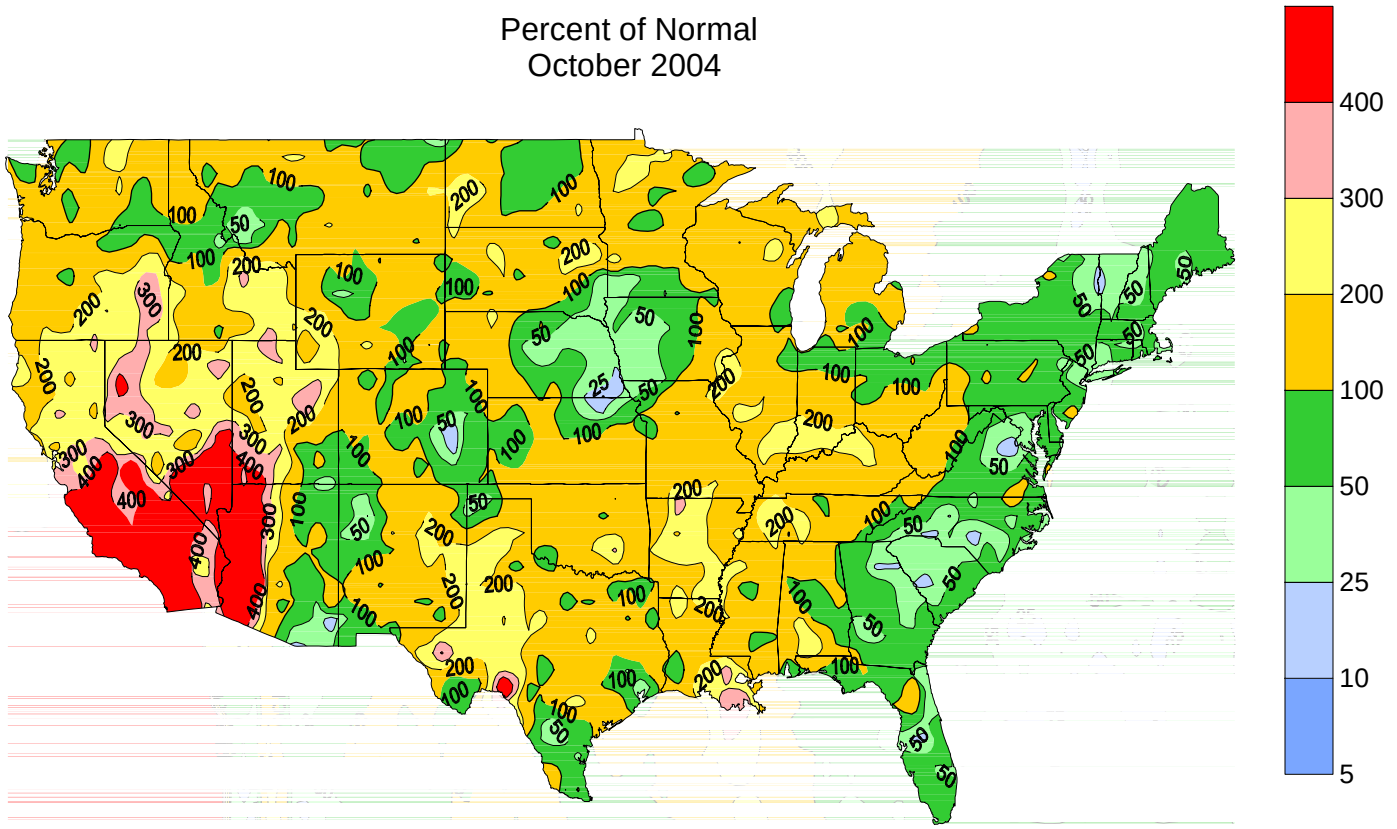
Total Precipitation (Inches)
October 2004



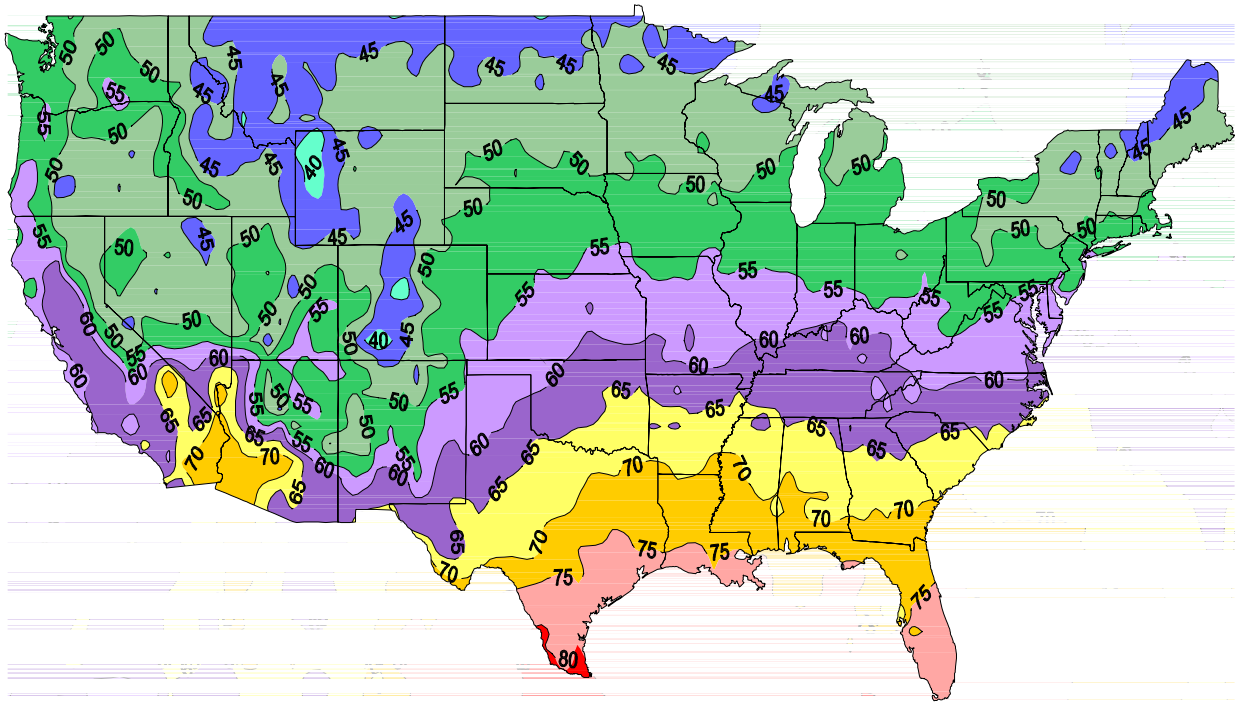
Percent of Normal
October 2004



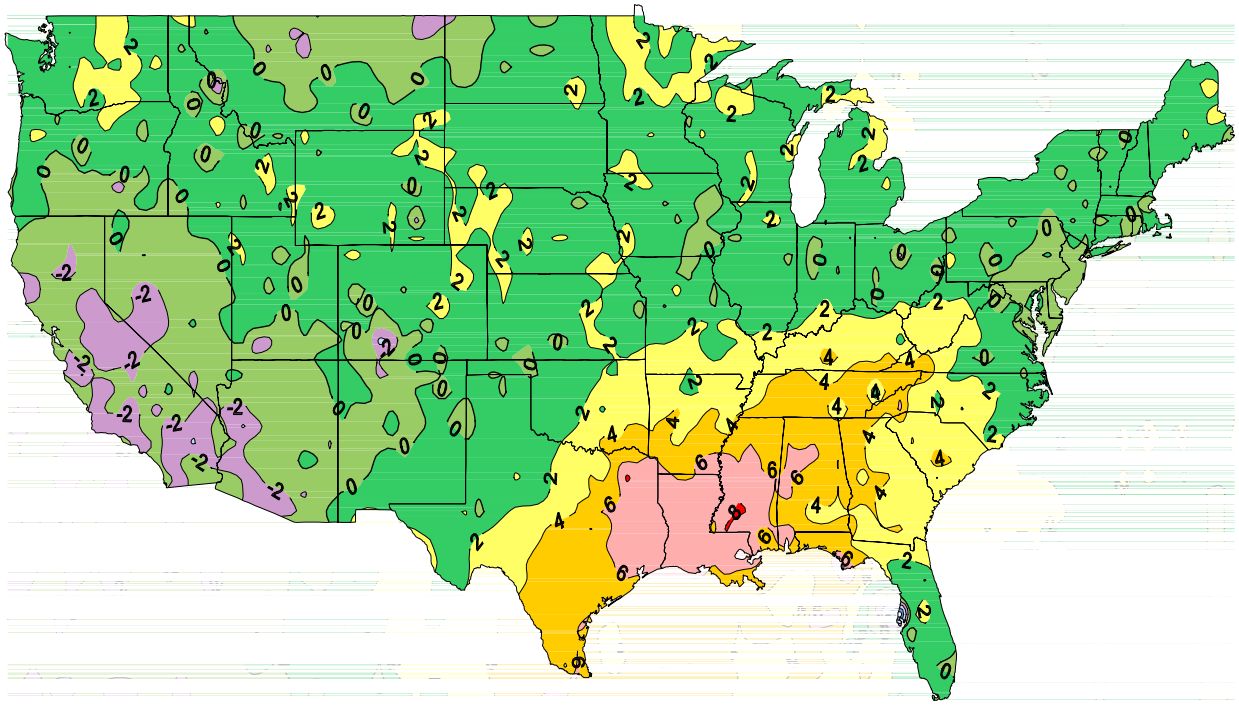
NOTE Contour maps are computer-generated and intended to show general temperature and precipitation patterns. Therefore, contours may not always account for individual datum points.

National Climatic Data Center, NOAA

Average Temperature (Degrees F)
October 2004



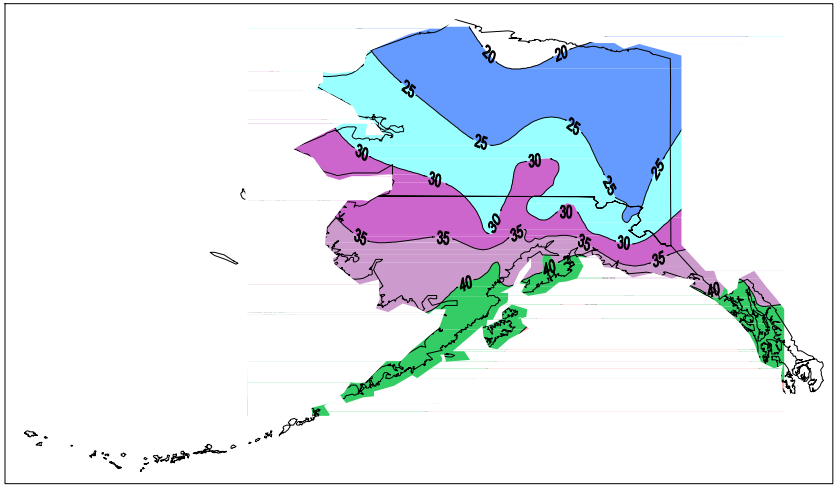
Departure of Average Temperature from Normal (Degrees F)
October 2004



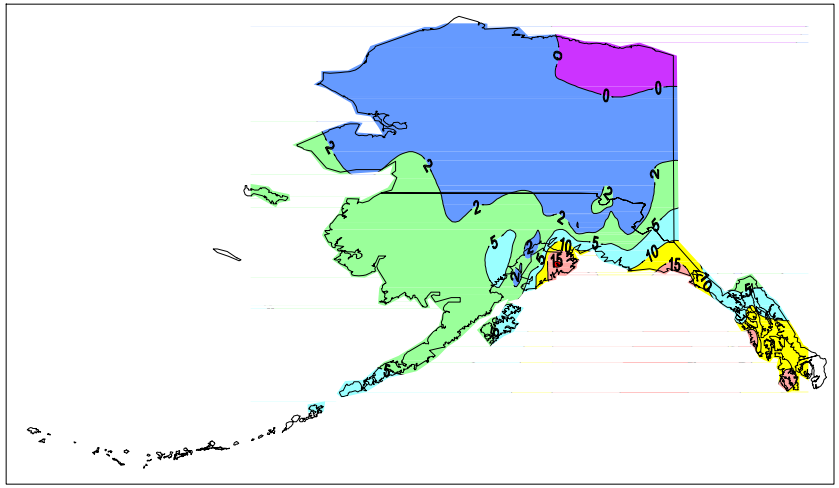
NOTE Contour maps are computer-generated and intended to show general temperature and precipitation patterns. Therefore, contours may not always account for individual datum points.

National Climatic Data Center, NOAA

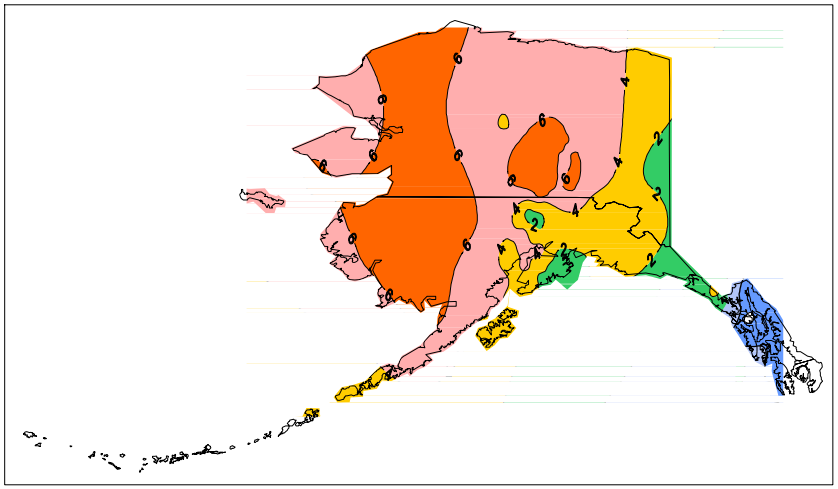
Average Temperature (Degrees F)
October 2004



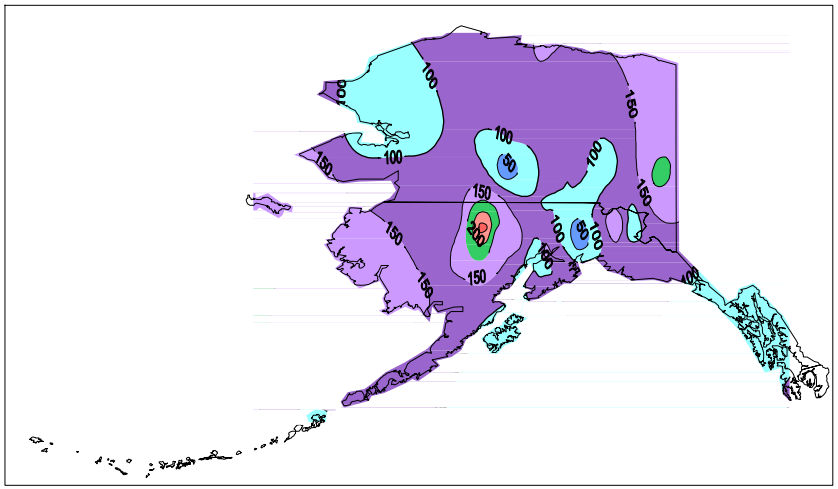
Alaska Precipitation (Inches)
October 2004



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

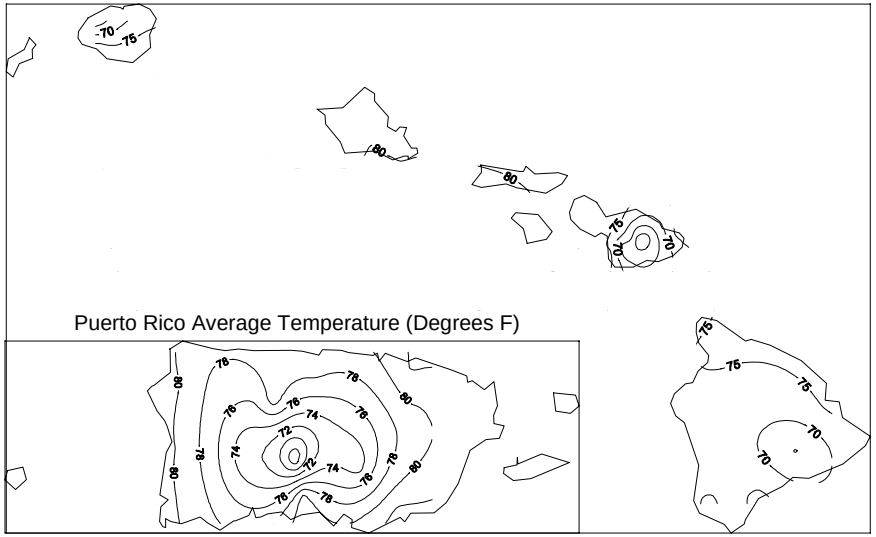


Percent of Normal Precipitation
October 2004

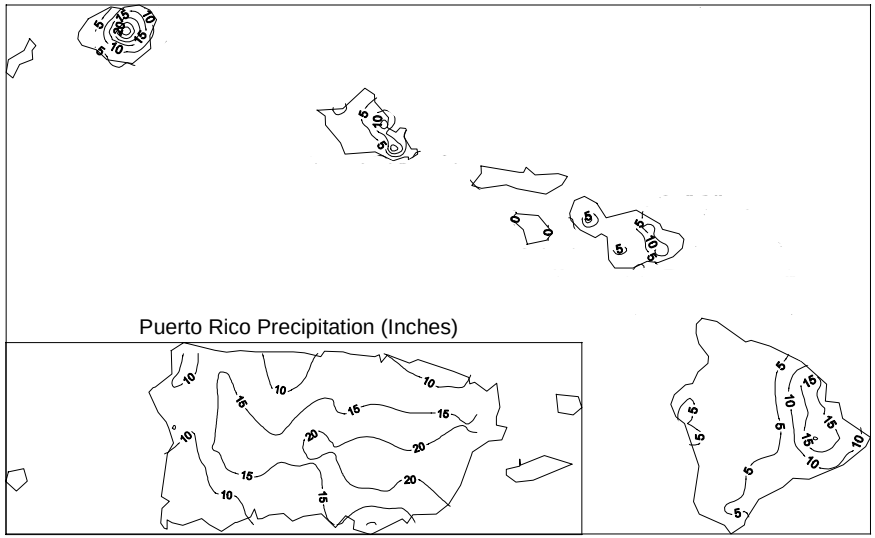


National Climatic Data Center, NOAA

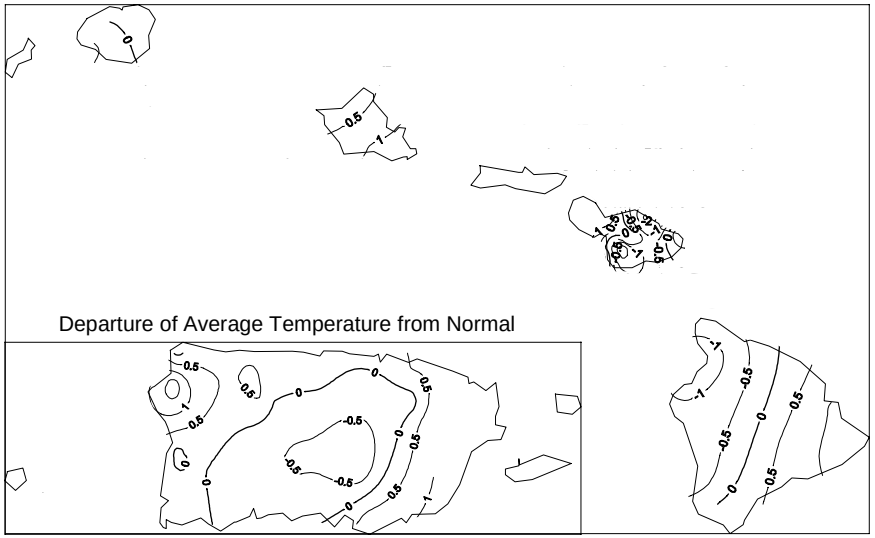
Hawaii Average Temperature (Degrees)
October 2004



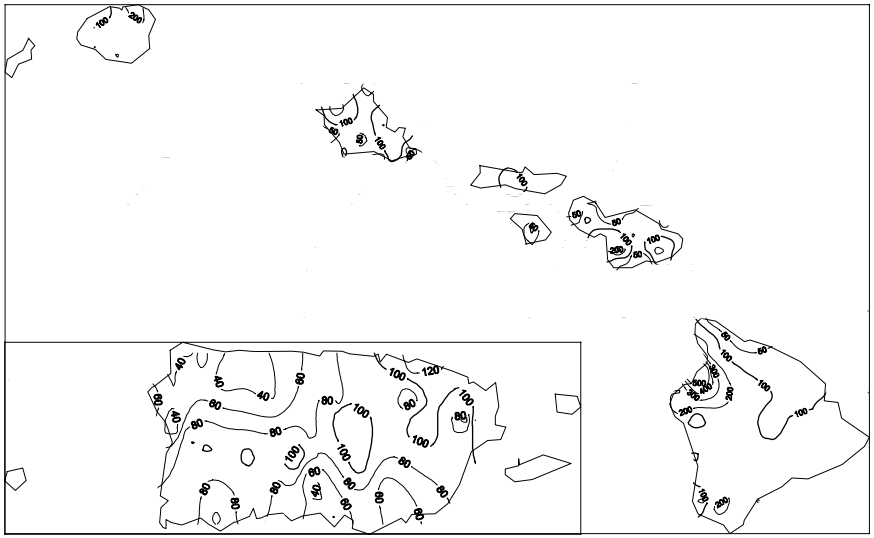
Hawaii Precipitation (Inches)
October 2004



Departure of Average Temperature form Normal (Degrees)
October 2004

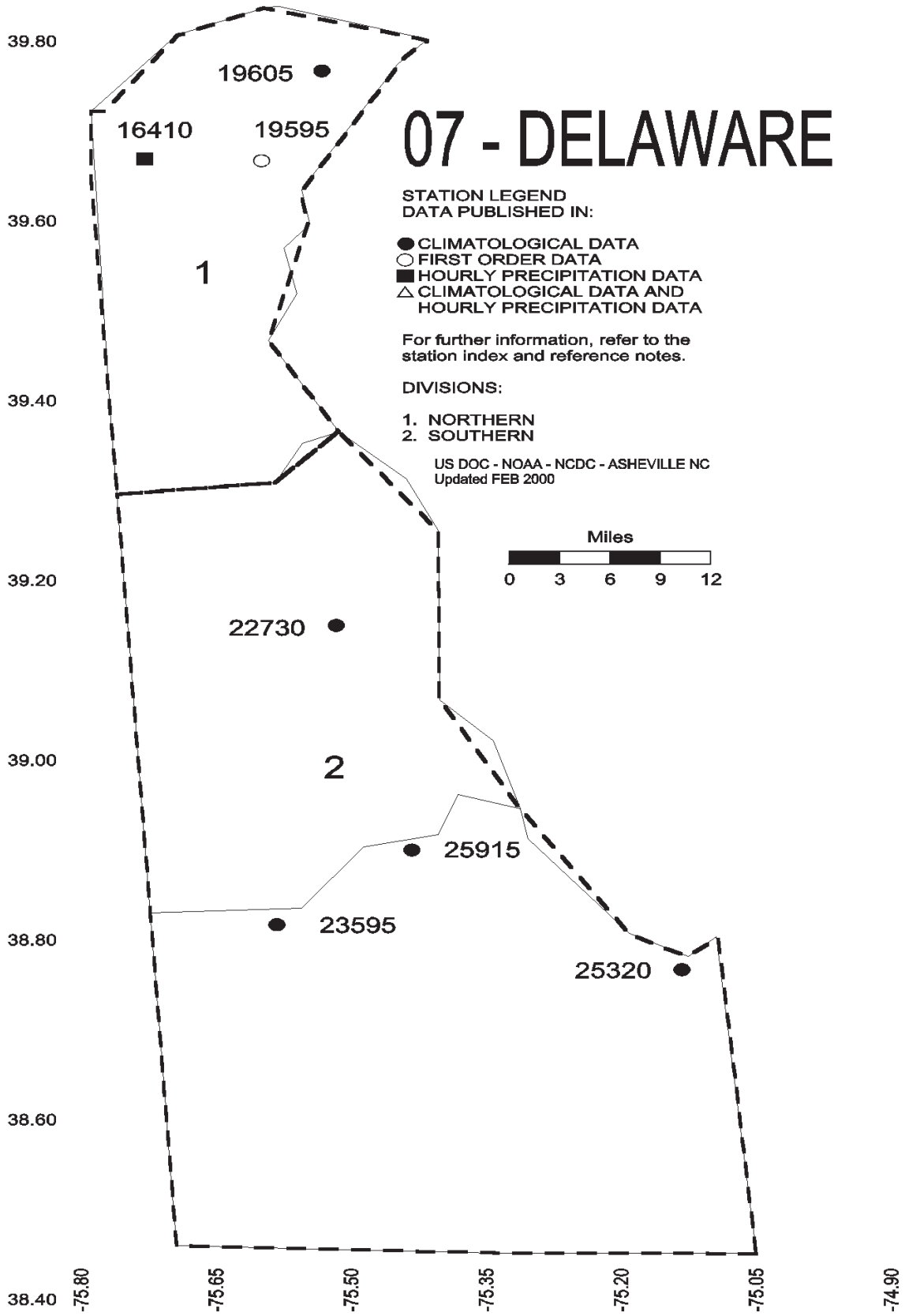


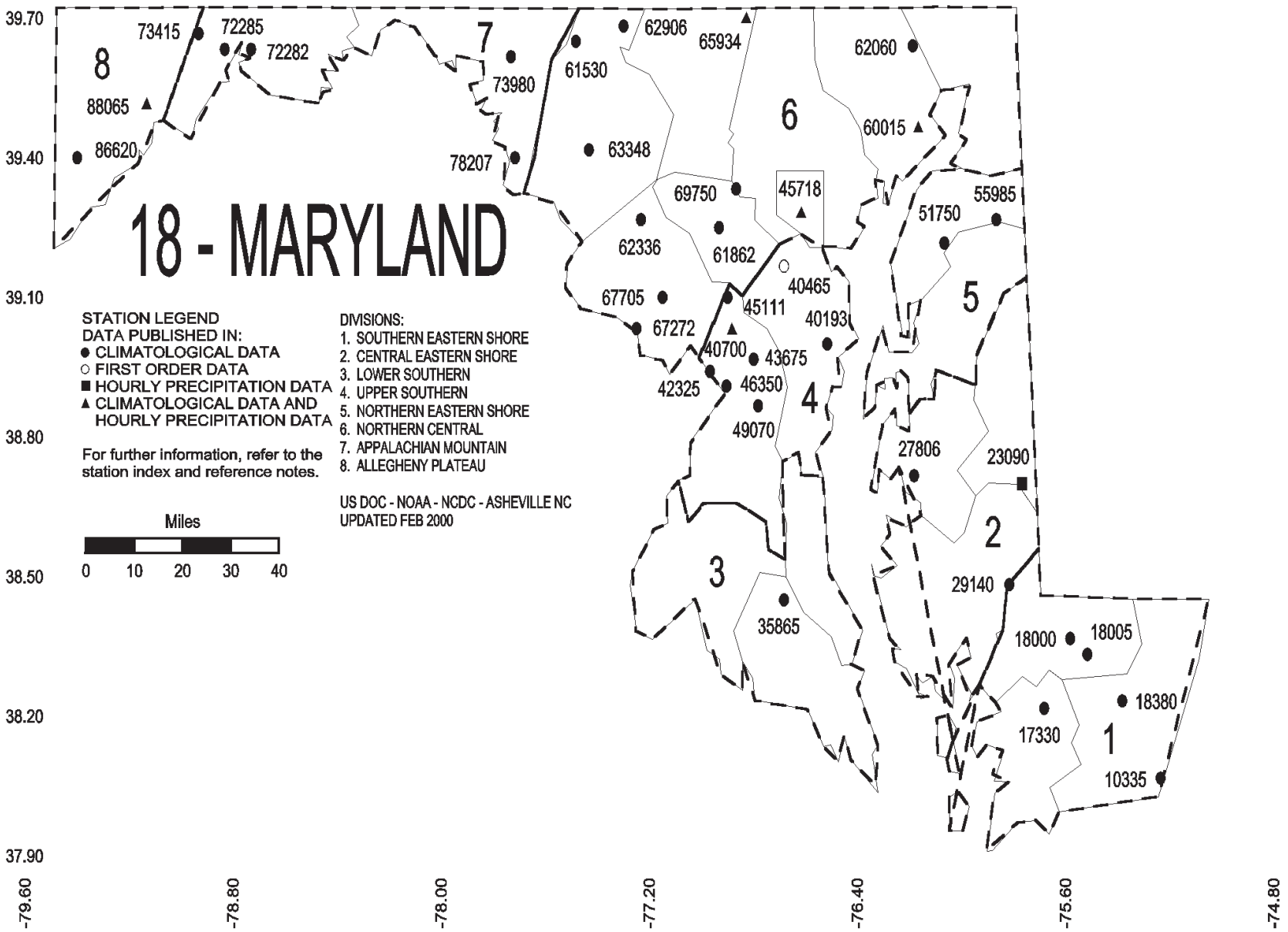
Hawaii Percent of Normal Precipitation
October 2004



National Climatic Data Center, NOAA

Percent of Normal Precipitation


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
US DOC - NOAA - NCDC - ASHEVILLE NC
Updated FEB 2000
Miles
0 3 6 9 12
19605
16410
19595
1
22730
2
25915
23595
25320
39.80
39.60
39.40
39.20
39.00
38.80
38.60
38.40
-75.80
-75.65
-75.50
-75.35
-75.20
-75.05
-74.90


18 - MARYLAND
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. SOUTHERN EASTERN SHORE
2. CENTRAL EASTERN SHORE
3. LOWER SOUTHERN
4. UPPER SOUTHERN
5. NORTHERN EASTERN SHORE
6. NORTHERN CENTRAL
7. APPALACHIAN MOUNTAIN
8. ALLEGHENY PLATEAU
US DOC - NOAA - NCDC - ASHEVILLE NC
UPDATED FEB 2000
Miles
0 10 20 30 40
39.70
39.40
39.10
38.80
38.50
38.20
37.90
-79.60
-78.80
-78.00
-77.20
-76.40
-75.60
-74.80
1
2
3
4
5
6
7
8
73415
72285
72282
73980
61530
62906
65934
62060
88065
86620
78207
63348
60015
69750
45718
55985
51750
62336
61862
40465
67705
45111
40193
67272
40700
43675
42325
46350
49070
27806
23090
29140
35865
18000
18005
18380
17330
10335

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