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MARYLAND AND DELAWARE

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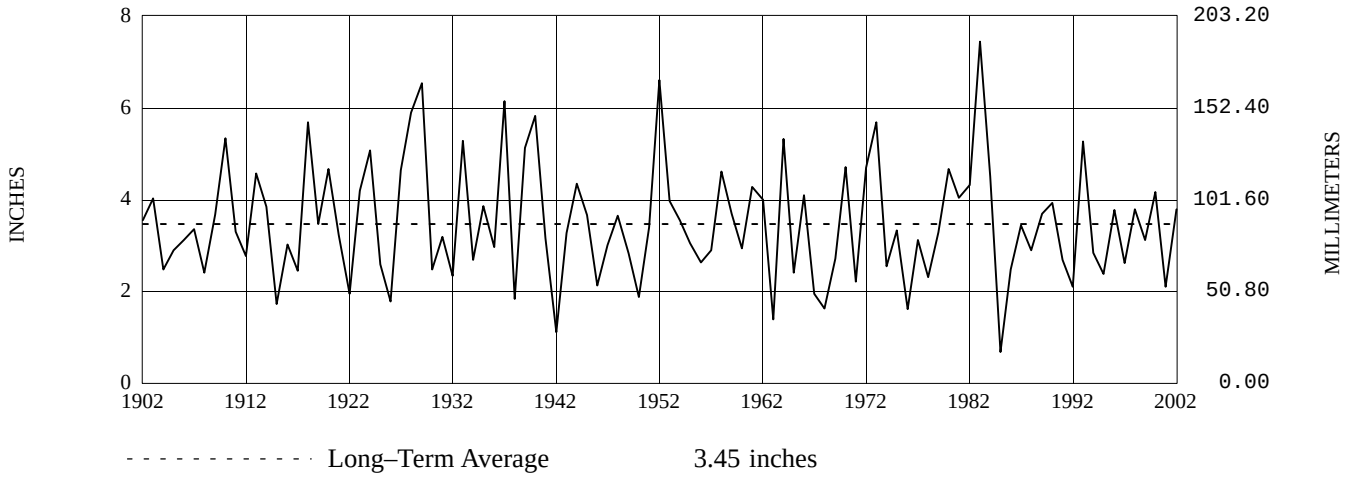

MARYLAND AND DELAWARE PRECIPITATION APRIL, 1902–2002

TEMPERATURE AND PRECIPITATION EXTREMES

MARYLAND			
HIGHEST TEMPERATURE	98	APRIL 17	ANNAPOLIS POLICE BRKS
LOWEST TEMPERATURE	16	APRIL 7	OAKLAND 1 SE
GREATEST TOTAL PRECIPITATION	6.93		OAKLAND 1 SE
LEAST TOTAL PRECIPITATION	2.44		ROYAL OAK 2 SSW
GREATEST 1 DAY PRECIPITATION	1.94	APRIL 29	2 STATIONS
GREATEST TOTAL SNOWFALL	1.5		OAKLAND 1 SE

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Thomas R Karl

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TEMPERATURE AND PRECIPITATION EXTREMES

DELAWARE

HIGHEST TEMPERATURE	95	APRIL 18	MILFORD 2 SE
LOWEST TEMPERATURE	22	APRIL 6	GREENWOOD 2 NE
GREATEST TOTAL PRECIPITATION	4.75		GREENWOOD 2 NE
LEAST TOTAL PRECIPITATION	2.26		WILMINGTON WSO ARPT R
GREATEST 1 DAY PRECIPITATION	1.88	APRIL 28	DOVER

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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
MARYLAND														
SOUTHERN EASTERN SHORE 01														
ASSATEAGUE	66.8	47.9	57.4	4.9	88	17	34	24	256	33	0	0	0	0
PRINCESS ANNE	72.8	44.4M	58.6M	4.2	92	18+	25	8	260	78	3	0	3	0
SALISBURY	71.3	49.7	60.5	4.6	92	18+	31	7	211	88	2	0	1	0
SALISBURY POLICE BRKS	72.8	49.8	61.3		96	17	29	7	207	105	3	0	1	0
SALISBURY FAA ARPT	68.7	43.7	56.2	1.9	92	17	26	7+	321	63	1	0	9	0
SNOW HILL 4 N	71.3	45.9	58.6	3.1	94	17	24	7	253	69	2	0	4	0
--DIVISIONAL DATA-------->			58.8	4.6										
CENTRAL EASTERN SHORE 02														
ROYAL OAK 2 SSW	70.4	48.9	59.7	3.6	91	18+	30	7	223	69	2	0	1	0
VIENNA	72.7	46.9	59.8	4.2	94	17	27	7	227	79	2	0	3	0
--DIVISIONAL DATA-------->			59.8	5.0										
LOWER SOUTHERN 03														
MECHANICSVILLE 5 NE	71.2	47.5	59.4	4.1	94	17	25	7	239	77	3	0	3	0
OXON HILL	M	M	M											
--DIVISIONAL DATA-------->			59.4	4.5										
UPPER SOUTHERN 04														
ANNAPOLIS POLICE BRKS	72.1	46.3	59.2	5.6	98	17	29	6	240	73	4	0	2	0
BALTIMORE WSO ARPT R	68.1	45.2	56.7	3.5	93	17	26	7	302	59	2	0	2	0
BELTSVILLE	67.9	45.5	56.7	3.4	93	18	25	7	299	57	3	0	3	0
DALECARLIA RESERVOIR	72.5	46.9	59.7	4.1	95	17	23	6	231	81	4	0	2	0
GLENN DALE BELL STN	69.9	45.0	57.5	5.5	95	18	22	7	282	63	3	0	5	0
LAUREL 3 W	70.3	46.2	58.3	3.4	95	17	27	6	272	76	4	0	3	0
MD SCI CTR BALTIMORE R	68.6	49.8	59.2		95	17	34	6	245	78	2	0	0	0
UPPER MARLBORO 3 NNW	69.0	45.9	57.5	4.1	95	18	24	7	288	67	3	0	3	0
--DIVISIONAL DATA-------->			58.1	4.2										
NORTHERN EASTERN SHORE 05														
CHESTERTOWN	69.7	44.4	57.1	3.0	97	17	25	7	297	65	3	0	3	0
--DIVISIONAL DATA-------->			57.1	3.7										
NORTHERN CENTRAL 06														
ABERDEEN PHILLIPS FLD	70.0M	46.9M	58.5M	3.9	94	18+	32	5	271	72	3	0	1	0
CATOCTIN MOUNTAIN PARK	66.1	42.9	54.5	2.6	90	17+	24	7+	371	63	2	0	5	0
CLARKSVILLE 3 NNE	69.1	42.5	55.8	3.4	95	17	20	7	321	52	3	0	7	0
CONOWINGO DAM	68.9	44.5	56.7	4.3	95	18	26	7	304	57	1	0	4	0
DAMASCUS 3 SSW	66.7	44.5	55.6		91	17	24	7	330	53	1	0	4	0
EMMITSBURG 2 SE	68.1	42.6	55.4	2.6	91	17	20	7	325	45	2	0	6	0
FREDERICK POLICE BRKS	69.7	47.5	58.6	3.0	93	18	26	5	258	75	4	0	4	0
MILLERS 4 NE	66.3	44.0	55.2	3.4	90	17	24	7	340	52	1	0	5	0
ROCKVILLE 1 NE	68.9	46.2	57.6	4.3	91	17	27	7	281	67	2	0	3	0
SMITHSBURG 2 NW	67.6	40.5	54.1		95	18	17	7	370	47	4	0	7	0
--DIVISIONAL DATA-------->			56.2	3.6										
APPALACHIAN MOUNTAIN 07														
CUMBERLAND 2	70.6	42.0	56.3	3.4	92	17	22	7+	304	49	3	0	7	0
CUMBERLAND POLICE BRK	68.6	42.3	55.5		88	19+	19	7	325	45	0	0	6	0
FROSTBURG 2	61.3	39.5	50.4	4.5	85	18	19	7	459	28	0	0	7	0
HAGERSTOWN POLICE BRK	69.2	45.4	57.3		92	18+	24	7	276	54	2	0	4	0
SHARPSBURG 5 S	68.5	41.8	55.2		94	18	23	7	339	48	3	0	7	0
--DIVISIONAL DATA-------->			54.9	3.4										
ALLEGHENY PLATEAU 08														
OAKLAND 1 SE	64.2	38.7	51.5	4.0	83	16	16	7	406	8	0	0	8	0
SAVAGE RIVER DAM	62.0	40.1	51.1	3.7	85	17	22	7	432	19	0	0	7	0
--DIVISIONAL DATA-------->			51.3	4.5										
DELAWARE														
NORTHERN 01														
NEWARK UNIVERSITY FARM	69.6	44.5	57.1	4.0	94	17	24	7	295	64	3	0	4	0
WILMINGTON WSO ARPT R	66.4	44.9	55.7	3.3	92	17	26	7	324	51	1	0	3	0
WILMINGTON PORTER RSVR	65.6	46.4	56.0	4.5	91	17	28	7	321	58	1	0	3	0
--DIVISIONAL DATA-------->			56.3	4.1										
SOUTHERN 02														
DOVER	68.1	48.1	58.1	3.5	90	18+	29	7	276	76	2	0	1	0
GREENWOOD 2 NE	68.2	46.3	57.3	5.1	93	18	22	6	291	68	1	0	3	0
LEWES	69.6	49.9	59.8	5.2	90	18	32	7	233	85	1	0	1	0
MILFORD 2 SE	68.2	47.0	57.6	4.5	95	18	28	7	290	73	1	0	2	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	5.84	2.59	1.52	28	.0	0		8	5	2
PRINCESS ANNE	5.65	2.42			.0	0		5	1	1
SALISBURY	5.40	2.06	1.60	1	.0	0		9	4	2
SALISBURY POLICE BRKS	5.54		1.60	28	.0	0		11	5	2
SALISBURY FAA ARPT	4.39	.98	1.23	28	M	M		11	4	1
SNOW HILL 4 N	4.96	1.72	1.48	28	.0	0		8	5	1
--DIVISIONAL DATA------->	5.30	2.13			.0					
CENTRAL EASTERN SHORE 02										
ROYAL OAK 2 SSW	2.44	-1.06	1.15	28	.0	0		8	1	1
VIENNA	5.51	2.18	1.80	1	.0	0		3	1	1
--DIVISIONAL DATA------->	3.98	.63			.0					
LOWER SOUTHERN 03										
MECHANICSVILLE 5 NE	2.95	-.54	1.02	28	.0	0		6	3	1
OXON HILL					M	M				
--DIVISIONAL DATA------->	2.95	-.24			.0					
UPPER SOUTHERN 04										
ANNAPOLIS POLICE BRKS	4.39	1.05	1.62	28	.0	0		6	3	1
BALTIMORE WSO ARPT R	4.08	1.08	1.43	28	T	T		7	2	2
BELTSVILLE	3.40	.07	1.13	28	.0	0		5	4	1
DALECARLIA RESERVOIR	4.50	.96	1.94	28	.0	0		9	3	1
GLENN DALE BELL STN	4.23	.82	1.94	29	.0	0		5	2	1
LAUREL 3 W	3.51	-.10	1.72	28	.0	0		5	3	1
MD SCI CTR BALTIMORE R	3.10		1.33	28	M	M		8	2	1
UPPER MARLBORO 3 NNW	3.98	.70	1.37	29	.0	0		6	3	1
--DIVISIONAL DATA------->	3.90	.58			.0					
NORTHERN EASTERN SHORE 05										
CHESTERTOWN	3.09	-.25	1.54	28	.0	0		6	2	1
--DIVISIONAL DATA------->	3.09	-.19			.0					
NORTHERN CENTRAL 06										
ABERDEEN PHILLIPS FLD	2.49	-.87			.0	0		3	0	0
CATOCTIN MOUNTAIN PARK	2.73	-1.23	1.12	28	.0	0		6	1	1
CLARKSVILLE 3 NNE	3.22	-.29	1.18	28	.0	0		6	2	2
CONOWINGO DAM	2.64	-1.01	1.17	28	.0	0		7	1	1
DAMASCUS 3 SSW	2.55		1.28	28	T	T		6	1	1
EMMITSBURG 2 SE	2.58	-1.22	1.10	28	.0	0		7	1	1
FREDERICK POLICE BRKS	3.06	-.26	1.34	28	.0	0		7	2	1
MILLERS 4 NE	2.57	-.88	1.13	28	.1	T		8	1	1
ROCKVILLE 1 NE	3.06	-.13	1.62	28	M .0	0		4	3	1
SMITHSBURG 2 NW	M 2.73		.60	28	.0	0		7	2	0
--DIVISIONAL DATA------->	2.77	-.76			.0					
APPALACHIAN MOUNTAIN 07										
CUMBERLAND 2	4.26	1.10	1.00	28	.0	0		7	4	1
CUMBERLAND POLICE BRK	M 3.39		1.40	28	.0	0		8	1	1
FROSTBURG 2	4.68	.71	1.15	28	T	T		7	4	1
HAGERSTOWN POLICE BRK	M 2.34		1.08	22	M .0	0		5	2	1
SHARPSBURG 5 S	3.56		.60	22	.0	0		7	1	0
--DIVISIONAL DATA------->	4.17	.73			.0					
ALLEGHENY PLATEAU 08										
OAKLAND 1 SE	6.93	2.86	1.93	28	1.5	T		12	6	2
SAVAGE RIVER DAM	5.23	1.85	1.30	28	M .0	0		9	4	2
--DIVISIONAL DATA------->	6.08	2.01			1.5					
DELAWARE										
NORTHERN 01										
NEWARK UNIVERSITY FARM	3.10	-.43	1.26	28	.0	0		9	1	1
WILMINGTON WSO ARPT R	2.26	-1.13	.97	28	T	M		7	1	0
WILMINGTON PORTER RSVR	3.07	-.94	1.39	28	.0	0		9	1	1
--DIVISIONAL DATA------->	2.81	-.76			.0					
SOUTHERN 02										
DOVER	4.45	.98	1.88	28	.0	0		10	3	1
GREENWOOD 2 NE	4.75	1.30	1.45	28	.0	0		9	5	1
LEWES	3.76	.22	1.36	28	M .0	0		6	2	2
MILFORD 2 SE	4.66	1.16	1.69	28	M .0	0		8	4	1

MARYLAND AND DELAWARE
APRIL 2002

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
--DIVISIONAL DATA------->			58.2	4.8										

MARYLAND AND DELAWARE
APRIL 2002

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
--DIVISIONAL DATA------->	4.41	.93			.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	5.84	1.35	.05		.34						.07			.29		
PRINCESS ANNE	5.65	1.44			.30						.17		.12	*	*	.42
SALISBURY	5.40	1.60		.17	.01		.01				.67		.09			.11
SALISBURY POLICE BRKS	5.54	1.15		T	.28						.50		.10			.16
SALISBURY FAA ARPT	4.39	.11		.29	T		.01			T	.54		.59			.13
SNOW HILL 4 N	4.96	.73		.55	.03						.16		.05			.61
CENTRAL EASTERN SHORE 02																
ROYAL OAK 2 SSW	2.44	.18		T						T	.30		.15			.03
VIENNA	5.51	1.80									*	*	.62		.15	*
LOWER SOUTHERN 03																
MECHANICSVILLE 5 NE	2.95	T		.01						.02	.19		T		T	.02
OXON HILL	M	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
UPPER SOUTHERN 04																
ANNAPOLIS POLICE BRKS	4.39			.23					*	*	*	*	*	*	*	.72
BALTIMORE WSO ARPT R	4.08	T		T		T				.46	T		T	T		.05
BELTSVILLE	3.40	.28									.56					.03
DALECARLIA RESERVOIR	4.50	.17								.19	.75				.03	
GLENN DALE BELL STN	4.23	.31									.46					.01
LAUREL 3 W	3.51									.60						
MD SCI CTR BALTIMORE R	3.10			.02						.24	.01					.05
UPPER MARLBORO 3 NNW	3.98	.34									.57					.02
NORTHERN EASTERN SHORE 05																
CHESTERTOWN	3.09	.12		T		T				.50	.21		.08	T	T	.02
NORTHERN CENTRAL 06																
ABERDEEN PHILLIPS FLD	2.49	.27		T	.01					T	.16		.04			
CATOCTIN MOUNTAIN PARK	2.73			.05						.13	.09			.25	.37	.31
CLARKSVILLE 3 NNE	3.22									.23					.08	.05
CONOWINGO DAM	2.64	.38			.08						.15				.05	.02
DAMASCUS 3 SSW	2.55			.02		T	T			.29	.03		.03	T	T	.28
EMMITSBURG 2 SE	2.58	.05		.04						.10	.02			.18	.30	.30
FREDERICK POLICE BRKS	3.06	.12		T						.18	.05			.03	.25	.38
MILLERS 4 NE	2.57	.08		.13		T	T			.13	.08		T	.02	.28	.24
POTOMAC FILTER PLANT	4.14									.51				.10		.10
ROCKVILLE 1 NE	3.06			T						.51			T	.02	T	T
SMITHSBURG 2 NW	M 2.73	–			.03						.33				.45	.52
APPALACHIAN MOUNTAIN 07																
CUMBERLAND 2	4.26	.73			.01						.22				.36	.68
CUMBERLAND POLICE BRK	M 3.39	–								.40	.10			.17	.41	
FROSTBURG 2	4.68	.86	T		.01		T	T			.21			.07	.20	.64
HAGERSTOWN POLICE BRK	M 2.34									–	.60			.15	.22	
SHARPSBURG 5 S	3.56	.42			.04						.40			.05	.31	.41
ALLEGHENY PLATEAU 08																
OAKLAND 1 SE	6.93	.72		.06			.05			.16	.23			.07	.30	1.03
SAVAGE RIVER DAM	5.23	.95					T				.16			.07	.22	.56
DELAWARE																
NORTHERN 01																
NEWARK UNIVERSITY FARM	3.10	.45								T	.14		.13	T		.11
WILMINGTON WSO ARPT R	2.26	.03		T			T			.08	.01		.17	T	T	T
WILMINGTON PORTER RSVR	3.07	.14		T						.07	.05		.25	.04		
SOUTHERN 02																
DOVER	4.45	.51		.16			T				.77		.10	.14	T	.02
GREENWOOD 2 NE	4.75	.64			.15						.57		.01	.67	T	.04
LEWES	3.76	1.06		.04	.02		T				.23		.30			.05
MILFORD 2 SE	4.66	.65			.58		T				.57			.19	T	.04

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	.50				.04		.80				.55		1.52	.33		
PRINCESS ANNE					*	*	.83			.39		*	*	1.98		
SALISBURY			.28			.10	.77			.25			1.34			
SALISBURY POLICE BRKS			.20	.01		.13	.58			.22	T		1.60	.61		
SALISBURY FAA ARPT	T		.10			.13	.81			.33		.12	1.23			
SNOW HILL 4 N			.01	.01		.10	.90			.33			1.48			
CENTRAL EASTERN SHORE 02																
ROYAL OAK 2 SSW			T	.10		.12	.21			.20			1.15			
VIENNA	*	*	*	.20		.15				*	.87		*	1.72		
LOWER SOUTHERN 03																
MECHANICSVILLE 5 NE			.01	.34		.50	.59			.25			1.02	T		
OXON HILL	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	
UPPER SOUTHERN 04																
ANNAPOLIS POLICE BRKS				.95		.07		.50		.20			1.62	.10		
BALTIMORE WSO ARPT R	.04		1.23	.02	T	.19	.36			.17		.13	1.43		T	
BELTSVILLE							.66			.02	.07		1.13	.65		
DALECARLIA RESERVOIR				.40		.20	.55			.12			1.94	.15		
GLENN DALE BELL STN				.45			.90			.07	.09			1.94		
LAUREL 3 W			.33			.09	.59			.16		.02	1.72			
MD SCI CTR BALTIMORE R	.03		.52	.10		.27	.20			.17		.16	1.33			
UPPER MARLBORO 3 NNW			.01	.88	.15	.02	.48			.07	.07			1.37		
NORTHERN EASTERN SHORE 05																
CHESTERTOWN	.06		.01	T		.03	.33			.18		.01	1.54		T	
NORTHERN CENTRAL 06																
ABERDEEN PHILLIPS FLD	.24			T	T	*	.24			.12		*	*	1.41		
CATOCTIN MOUNTAIN PARK				.05		.08	.20		.08				1.12			
CLARKSVILLE 3 NNE			1.02	.10		.06	.33			.10		.06	1.18	.01		
CONOWINGO DAM	.06			.03	.10		.24				.14		1.17	.22		
DAMASCUS 3 SSW			T	.06	T	.10	.33			.11		.02	1.28	T	T	
EMMITSBURG 2 SE	.02	.02			T	.03	.30			.12			1.10			
FREDERICK POLICE BRKS						.02	.52			.12			1.34	.05		
MILLERS 4 NE	.02			T	T	.10	.18			.13			1.13	.03	.02	
POTOMAC FILTER PLANT				.10	.34	.15	.63			.16		.08	1.91	.06		
ROCKVILLE 1 NE	T				.02	.08	.61			.09		.11	1.62	T	T	
SMITHSBURG 2 NW					.12	.02	.27				.05		.60	.34		
APPALACHIAN MOUNTAIN 07																
CUMBERLAND 2	.02					.05	.70			.02	.05		1.00	.42		
CUMBERLAND POLICE BRK						.45	–			.01			1.40	.21	.24	
FROSTBURG 2	.05					.08	.91	.03		.02			1.15	.44	.01	
HAGERSTOWN POLICE BRK			T	.03	.06	.03	1.08			.07			–	.10		
SHARPSBURG 5 S					.03	.19	.60			.05	.02	*	.56	.48	T	
ALLEGHENY PLATEAU 08																
OAKLAND 1 SE		.05	T		.74	.50	.63	.10		.19			1.93	.17	T	
SAVAGE RIVER DAM	.04				.28	.12	1.16	.03		T			1.30	.34	T	
DELAWARE																
NORTHERN 01																
NEWARK UNIVERSITY FARM	.06				.30	.05	.23			.18			1.26	.19		
WILMINGTON WSO ARPT R	.02			.19		.07	.19			.29		.14	.97		.10	
WILMINGTON PORTER RSVR	.10			.15		.12	.19			.36		.04	1.39		.17	
SOUTHERN 02																
DOVER	.13					.02	.25			.16	.02		1.88	.29		
GREENWOOD 2 NE	.21			T			.25			T	.20		1.45	.56		
LEWES	.07					.03	.21			.39			1.36			
MILFORD 2 SE	T	.05					.24	.01			.22		1.69	.42		

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	64	61	70	72	51	50	49	61	65	63	58	65	68	69	71
		OBS				54											
		MIN	41	35	45	37	35	35	35	46	53	55	37	52	54	54	57
		OBS										43	47				
PRINCESS ANNE	17	MAX	65	68	80	55	54	52	54	70	79	77	67	74	78	82	81
		OBS	75					***	***						***	***	
		MIN	43	30	30	35	35			25	52	52	33	45			57
SALISBURY	17	MAX	64	68	80	57	52	48	52	68	76	75	65	70	76	80	82
		OBS	74														
		MIN	47	37	57	38	38	35	31	38	58	54	41	49	59	61	65
SALISBURY POLICE BRKS	17	MAX	61	68	82	73	52	47	54	70	80	78	64	70	78	84	82
		OBS															
		MIN	46	35	61	37	37	34	29	39	59	54	40	48	59	59	66
SALISBURY FAA ARPT	MID	MAX	62	67	81	53	50	48	52	67	78	65	61	68	75	80	81
		MIN	32	30	43	33	29	26	26	28	58	37	33	49	53	60	64
SNOW HILL 4 N	17	MAX	64	64	80	59	54	50	51	66	80	74	64	74	77	82	82
		MIN	46	31	51	37	34	29	24	34	49	55	33	48	55	54	63
CENTRAL EASTERN SHORE 02																	
ROYAL OAK 2 SSW	18	MAX	61	65	80	53	52	48	52	67	76	70	68	67	74	80	84
		MIN	46	36	52	39	36	36	30	44	58	52	38	47	54	61	64
VIENNA	18	MAX	71	68	80	70	52	49	52	66	78	74	63	70	79	82	82
		OBS			71		77	***			67	64	76				***
		MIN	45	36	60	39	35	28	27	33	54	51	37	47	59	62	60
		OBS						***		21	43	39					***
LOWER SOUTHERN 03																	
MECHANICSVILLE 5 NE	19	MAX	64	72	84	54	51	47	55	73	76	65	68	66	78	84	86
		MIN	44	32	52	33	36	32	25	40	55	51	36	48	53	61	64
OXON HILL	08	MAX															
		MIN															
UPPER SOUTHERN 04																	
ANNAPOLIS POLICE BRKS	17	MAX	64	71	72	61	59	51	53	71	78	70	67	65	78	81	90
		OBS								***	***	***	***	***	***	***	
		MIN	41	43	46	40	36	29	30	37	55	48	37	45	53	58	62
		OBS								***	***	***	***	***	***	***	
BALTIMORE WSO ARPT	MID	MAX	58	66	75	52	49	47	50	69	76	67	65	59	74	78	83
		MIN	36	34	40	34	35	31	26	38	59	45	38	47	55	57	60
BELTSVILLE	08	MAX	54	58	71	75	51	49	45	53	70	74	67	66	64	73	80
		MIN	45	34	48	32	36	33	25	29	45	49	38	44	48	57	59
DALECARLIA RESERVOIR	17	MAX	60	65	78	53	53	50	55	73	76	67	69	67	77	82	84
		MIN	42	41	49	35	35	23	24	39	61	48	39	47	60	60	56
		OBS								26							
GLENN DALE BELL STN	16	MAX	54	72	72	52	53	50	47	69	72	75	68	68	75	76	82
		OBS				78				54					64		
		MIN	43	30	48	29	32	33	22	37	48	48	35	46	50	59	60
LAUREL 3 W	MID	MAX	59	72	75	53	51	47	54	72	75	68	67	64	74	82	85
		MIN	43	38	43	33	29	27	29	38	58	47	44	46	55	59	61
		OBS		49							38						
MD SCI CTR BALTIMORE	MID	MAX	59	65	76	52	49	47	50	67	76	67	65	58	74	78	85
		MIN	47	45	43	38	36	34	35	43	58	50	48	47	57	61	65
UPPER MARLBORO 3 NNW	08	MAX	54	60	70	79	53	50	47	52	71	76	68	67	64	75	82
		MIN	45	32	49	35	34	33	24	29	45	50	37	42	48	58	62
		OBS			35												
NORTHERN EASTERN SHORE 05																	
CHESTERTOWN	23	MAX	60	70	80	55	50	49	57	70	78	66	65	59	77	83	85
		MIN	40	34	40	34	31	32	25	36	50	48	37	43	53	57	62
NORTHERN CENTRAL 06																	
ABERDEEN PHILLIPS FLD	16	MAX	59	66	76	53	53			64	73	72	65	64			83
		MIN	44	37	49	35	32			41	59	50	37	46			60
CATOCTIN MOUNTAIN PARK	17	MAX	64	67	65	48	46	42	51	70	67	64	65	62	65	74	80
		MIN	40	38	40	27	26	24	24	39	37	38	42	41	54	53	57
CLARKSVILLE 3 NNE	17	MAX	57	71	74	53	51	47	54	70	74	67	66	64	73	81	82
		MIN	34	32	39	33	28	30	20	36	54	40	32	46	55	55	60
CONOWINGO DAM	07	MAX	55	61	66	74	62	52	52	53	66	77	68	64	64	75	77
		MIN	45	34	42	38	30	30	26	29	44	52	38	38	46	59	58
DAMASCUS 3 SSW	22	MAX	55	70	69	50	48	44	52	69	69	63	65	60	72	79	82
		OBS															
		MIN	41	38	39	28	28	28	24	39	59	44	42	44	57	56	58
EMMITSBURG 2 SE	17	MAX	55	69	69	51	51	46	52	69	69	64	66	66	71	77	82
		MIN	43	33	47	28	24	28	20	38	56	40	31	39	55	50	60
		OBS								19	20	53					
FREDERICK POLICE BRKS	17	MAX	56	70	70	53	58	48	50	69	71	64	67	62	71	79	81
		OBS															
		MIN	44	43	49	29	26	31	27	42	60	46	40	46	57	58	61

DAILY TEMPERATURES (ºF)

STATION	DAY OF MONTH																AVERAGE
	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
MARYLAND																	
SOUTHERN EASTERN SHORE 01																	
ASSATEAGUE	78	88	84	79	86	82	68	59	59	63	64	62	61	68	65		66.8
						61							70				
	56	57	66	60	58	50	51	39	34	50	45	46	57	49	47		47.9
			58						44								
PRINCESS ANNE	90	92	92	89	84	82	70	66	65	64	65	67	80	79	64		72.8
					***	***	83					***	***	66			
	63	60	65	62			40	40	33	40	36			58	42		44.4
SALISBURY	89	92	92	85	83	81	65	66	64	63	62	67	75	77	65		71.3
				96													
	66	65	68	66	65	50	48	43	34	44	41	42	54	54	44		49.7
SALISBURY POLICE BRKS	92	96	93	88	84	81	69	66	64	62	63	65	74	76	67		72.8
							81										
	66	67	68	66	65	51	48	42	39	43	40	42	53	58	43		49.8
SALISBURY FAA ARPT	87	92	87	83	82	61	65	56	63	62	62	65	75	68	64		68.7
	60	64	64	62	60	50	48	32	30	35	32	33	55	46	39		43.7
SNOW HILL 4 N	86	94	92	86	84	80	65	64	62	63	63	65	75	75	65		71.3
	64	62	65	64	62	51	49	39	31	39	34	35	53	50	37		45.9
CENTRAL EASTERN SHORE 02																	
ROYAL OAK 2 SSW	89	91	91	84	82	78	65	64	62	62	63	69	75	74	66		70.4
	63	61	64	61	63	49	47	43	40	46	40	41	54	55	47		48.9
VIENNA	88	94	91	88	84	82	69	67	66	65	66	68	77	75	64		72.7
	***	***	***							***			***				
	61	59	64	64	63	50	45	37	36	38	32	41	50	52	43		46.9
	***	***	***				61			***	43		***				
LOWER SOUTHERN 03																	
MECHANICSVILLE 5 NE	91	94	90	82	82	73	67	67	64	62	62	65	76	71	68		71.2
	62	63	66	62	64	49	47	40	36	47	39	36	54	54	43		47.5
OXON HILL																	M
																	M
UPPER SOUTHERN 04																	
ANNAPOLIS POLICE BRKS	92	98	92	82	84	79	64	58	62	66	70	68	72	72	74		72.1
	60	66	63	61	58	50	47	34	44	39	36	42	44	43	42		46.3
BALTIMORE WSO ARPT	90	93	89	86	80	60	67	57	62	62	64	62	73	62	69		68.1
	62	60	63	57	60	45	44	38	38	40	36	37	51	47	42		45.2
BELTSVILLE	83	90	93	90	87	80	58	67	56	64	62	64	64	73	56		67.9
	60	56	65	60	64	54	44	39	37	45	36	38	48	54	44		45.5
DALECARLIA RESERVOIR	91	95	94	90	86	82	69	65	66	65	67	67	76	76	76		72.5
	62	62	64	63	61	49	44	38	36	48	38	38	53	51	41		46.9
														40			
GLENN DALE BELL STN	87	93	95	91	87	68	68	58	65	63	66	65	72	73	61		69.9
														57			
	59	59	66	59	61	52	44	37	31	47	34	36	52	52	42		45.0
LAUREL 3 W	92	95	91	90	82	64	68	57	64	65	65	68	75	65	70		70.3
	64	67	65	62	62	44	44	34	37	45	44	40	44	42	43		46.2
							35					49					
MD SCI CTR BALTIMORE	91	95	89	86	82	61	68	58	61	62	65	62	74	66	70		68.6
	65	65	68	65	61	44	44	41	45	50	45	46	52	49	46		49.8
UPPER MARLBORO 3 NNW	85	92	95	91	85	80	58	68	58	62	63	65	65	75	59		69.0
	61	61	65	61	63	56	46	39	36	44	37	37	48	55	44		45.9
NORTHERN EASTERN SHORE 05																	
CHESTERTOWN	92	97	93	86	79	58	59	56	66	62	68	67	73	64	68		69.7
	62	60	63	59	58	44	43	38	34	41	37	38	48	45	39		44.4
NORTHERN CENTRAL 06																	
ABERDEEN PHILLIPS FLD	90	94	94	84	84		66	63	60	60	63			58	65		70.0
	62	59	66	60			45	40	33	47	36			52	41		46.9
CATOCTIN MOUNTAIN PARK	90	90	85	87	75	63	59	53	61	62	63	62	70	67	65		66.1
	67	67	75	75	45	38	37	30	33	34	39	38	47	37	44		42.9
CLARKSVILLE 3 NNE	90	95	93	89	81	57	66	57	64	62	64	64	75	64	68		69.1
	58	56	61	57	55	43	42	36	31	39	32	33	50	46	43		42.5
CONOWINGO DAM	86	88	95	89	86	80	58	66	60	68	60	67	67	70	60		68.9
	62	60	60	60	60	56	42	40	34	38	37	39	43	56	38		44.5
DAMASCUS 3 SSW	88	91	88	88	76	60	64	54	62	60	65	62	72	63	62		66.7
						68											
	61	63	62	61	60	41	41	34	34	44	37	41	49	41	40		44.5
EMMITSBURG 2 SE	88	91	90	88	79	66	66	56	61	62	65	64	71	74	66		68.1
	55	54	59	56	64	43	41	36	29	42	38	34	50	47	39		42.6
FREDERICK POLICE BRKS	89	92	93	90	90	73	65	55	63	63	65	67	70	74	74		69.7
						90											
	61	60	71	63	68	46	46	38	37	48	43	40	51	50	45		47.5

MARYLAND AND DELAWARE
APRIL 2002

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								27							
MILLERS 4 NE	18	MAX	54	65	68	50	45	44	51	66	70	63	66	63	71	77	79
		MIN	43	35	42	31	26	28	24	39	55	43	37	40	53	53	59
ROCKVILLE 1 NE	MID	MAX	57	74	73	52	48	45	53	72	73	67	66	64	73	82	83
		OBS															
		MIN	40	34	40	31	33	32	27	39	51	46	37	47	57	57	62
SMITHSBURG 2 NW	08	MAX	55	55	72	65	50	50	44	55	72	70	65	69	68	68	80
		OBS						38									
		MIN	40	34	45	23	22	22	17	26	42	40	34	36	48	50	52
		OBS															
APPALACHIAN MOUNTAIN 07																	
CUMBERLAND 2	18	MAX	56	76	72	50	49	45	60	76	72	69	71	76	70	72	82
		MIN	40	42	28	32	29	22	22	41	58	37	37	41	51	51	56
		OBS									43						
CUMBERLAND POLICE BRK	17	MAX	53	73	72	46	47	42	57	72	73	72	69	69	68	69	80
		OBS							***								
		MIN	37	37	37	27	28	28	19	38	58	42	33	38	53	49	57
		OBS							***		38						
FROSTBURG 2	07	MAX	50	50	70	47	42	43	37	54	69	64	64	66	69	61	69
		MIN	35	33	39	23	26	22	19	31	40	37	36	36	48	47	48
		OBS								20					37		
HAGERSTOWN POLICE BRK	17	MAX	64	70	67	51	51	48	53	68	70	63	67	68	68	76	82
		OBS					65										
		MIN	43	37	45	29	35	32	24	41	59	43	38	46	57	57	59
		OBS		55						24							
SHARPSBURG 5 S	07	MAX	54	58	73	68	53	50	45	55	73	69	66	70	65	70	80
		OBS															
		MIN	37	34	45	27	25	25	23	33	44	44	34	34	48	51	52
		OBS								20							
ALLEGHENY PLATEAU 08																	
OAKLAND 1 SE	17	MAX	48	73	72	38	40	37	59	72	70	63	66	71	65	69	73
		MIN	33	31	33	22	27	22	16	35	54	36	39	42	56	41	54
SAVAGE RIVER DAM	08	MAX	51	51	73	50	43	43	39	54	71	65	65	67	69	62	68
		MIN	38	35	35	27	30	27	22	31	38	41	33	34	51	46	48
		OBS								22					39		
DELAWARE																	
NORTHERN 01																	
NEWARK UNIVERSITY FARM	17	MAX	60	63	77	53	55	50	51	68	76	72	68	62	75	80	83
		MIN	43	35	48	38	32	28	24	34	50	50	38	35	52	59	60
		OBS													39		
WILMINGTON WSO ARPT	MID	MAX	59	61	76	51	46	47	48	66	76	66	65	55	72	75	81
		MIN	39	37	39	34	30	32	26	39	53	48	40	43	53	59	62
WILMINGTON PORTER RSVR	MID	MAX	57	61	75	51	43	44	48	64	75	63	64	57	72	77	80
		MIN	43	40	42	35	31	32	28	38	55	50	43	43	56	60	61
SOUTHERN 02																	
DOVER	16	MAX	60	60	78	52	50	47	47	64	76	76	64	60	73	76	80
		OBS				76											
		MIN	46	36	48	36	34	34	29	38	59	52	40	45	54	61	65
		OBS			58												
GREENWOOD 2 NE	07	MAX	56	61	68	80	52	52	47	53	69	77	65	65	68	75	81
		MIN	47	33	51	35	32	22	26	33	53	54	35	42	50	60	60
		OBS			34		22				38						
LEWES	17	MAX	62	63	82	53	51	50	47	66	79	76	61	65	76	82	83
		MIN	47	38	52	40	38	33	32	40	57	53	41	47	54	62	65
MILFORD 2 SE	07	MAX	56	61	67	79	53	49	48	51	69	78	66	61	68	76	81
		OBS				***											
		MIN	47	33	52	33	36	31	28	33	54	54	36	45	50	60	63
		OBS			33						43						

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	86	90	88	87	78	63	61	54	61	60	63	63	72	68	64		66.3
	62	63	66	61	63	41	40	34	31	44	38	37	48	45	39		44.0
ROCKVILLE 1 NE	90	91	88	89	79	61	67	56	65	63	66	63	74	63	70		68.9
															***		
	62	62	69	64	60	44	43	41	36	46	42	39	52	47	45		46.2
SMITHSBURG 2 NW	81	92	95	90	90	86	54	60	56	65	62	66	66	74	52		67.6
															74		
	57	50	56	58	61	53	41	32	28	43	37	33	48	50	36		40.5
										32							
APPALACHIAN MOUNTAIN 07																	
CUMBERLAND 2	91	92	88	90	89	71	61	54	69	65	65	64	79	72	71		70.6
	56	58	60	60	55	41	36	30	32	44	36	38	46	41	41		42.0
CUMBERLAND POLICE BRK	88	88	85	88	86	65	60	60	65	66	63	61	78	75	68		68.6
	54	56	60	57	65	43	40	36	28	44	40	32	48	44	40		42.3
										28							
FROSTBURG 2	76	84	85	83	84	69	49	55	47	63	55	59	57	75	43		61.3
	55	60	59	59	59	49	37	30	28	41	37	33	43	39	37		39.5
										28			33				
HAGERSTOWN POLICE BRK	88	92	92	89	79	76	62	60	62	62	66	66	74	71	70		69.2
	59	59	60	59	63	41	41	35	31	47	49	37	50	47	39		45.4
					43												
SHARPSBURG 5 S	84	91	94	89	90	78	57	65	65	65	63	67	67	78	52		68.5
												***					
	58	57	57	59	60	56	43	31	30	44	35	32	47	52	36		41.8
										30		***	32				
ALLEGHENY PLATEAU 08																	
OAKLAND 1 SE	83	82	79	82	80	64	55	43	63	63	55	57	73	69	63		64.2
	48	48	57	52	54	44	39	31	23	41	37	28	47	36	36		38.7
SAVAGE RIVER DAM	75	85	84	82	84	67	54	56	45	64	55	58	58	75	46		62.0
	48	53	55	56	58	54	40	36	29	41	39	32	44	43	39		40.1
										29			33				
DELAWARE																	
NORTHERN 01																	
NEWARK UNIVERSITY FARM	90	94	91	88	81	66	67	61	63	61	58	64	72	69	69		69.6
	63	60	65	58	62	42	43	39	32	39	35	36	49	49	38		44.5
			57			52								36			
WILMINGTON WSO ARPT	89	92	87	85	78	57	63	56	59	59	63	61	70	64	64		66.4
	63	60	65	59	55	45	43	40	34	42	36	41	49	45	37		44.9
WILMINGTON PORTER RSVR	87	91	88	87	74	57	61	55	60	57	60	62	69	66	63		65.6
	63	64	71	61	57	44	43	40	40	41	41	41	47	46	37		46.4
SOUTHERN 02																	
DOVER	88	90	90	88	82	76	59	62	59	62	60	61	70	70	62		68.1
	66	65	70	64	67	51	46	40	36	45	39	41	49	48	39		48.1
GREENWOOD 2 NE	82	89	93	88	84	78	61	67	56	64	59	62	61	75	59		68.2
	65	62	64	63	62	59	46	41	35	39	37	39	49	56	39		46.3
LEWES	88	89	90	86	86	73	60	61	60	57	62	63	75	76	65		69.6
	65	66	72	65	68	52	49	42	39	48	41	46	52	52	42		49.9
MILFORD 2 SE	83	89	95	88	85	82	58	66	57	63	59	62	62	75	60		68.2
				***			82										
	65	65	64	64	64	54	48	41	34	35	37	39	48	58	38		47.0

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	37	*	205	128	*	*	*	346	120	125	62	80	*	*	181
	EVAP	4	*	39	24	*	*	*	58	18	12	19	21	*	*	38
	MAX	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
	MIN	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
UPPER MARLBORO 3 NNW	WIND	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
	EVAP	–	*	*	45	14	*	*	44	22	14	20	21	*	*	41
	MAX	56	69	72	80	66	62	55	66	75	73	79	77	69	77	83
	MIN	47	40	41	39	39	38	36	38	40	53	46	46	48	57	62

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	45	27	24	29	*	*	144	102	73	*	104	*	*	171	87		2090
	19	22	22	17	*	*	37	57	20	*	25	*	*	35	16		5.03
	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–		M
	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–		M
UPPER MARLBORO 3 NNW	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–		M
	20	22	–	28	*	*	33	18	18	20	11	*	*	46	–		4.85B
	89	96	94	92	85	79	60	72	70	76	64	71	74	76	71		74.3
	63	64	64	63	64	60	49	42	42	44	43	43	45	55	47		48.6

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																
UPPER SOUTHERN 04																
BALTIMORE WSO ARPT R	SNOWFALL															
	SN ON GND															
	WTR EQUIV															
NORTHERN CENTRAL 06																
DAMASCUS 3 SSW	SNOWFALL					T	T									
	SN ON GND															
MILLERS 4 NE	SNOWFALL					T	.1									
	SN ON GND															
APPALACHIAN																
MOUNTAIN 07																
FROSTBURG 2	SNOWFALL				T		T	T								
	SN ON GND						T									
HAGERSTOWN POLICE BRK	SNOWFALL									–						
	SN ON GND									T						
ALLEGHENY PLATEAU 08																
OAKLAND 1 SE	SNOWFALL			T			1.5									
	SN ON GND			T			–	–	–							
DELAWARE																
NORTHERN 01																
WILMINGTON WSO ARPT R	SNOWFALL						T									
	SN ON GND	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
	WTR EQUIV															

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).

MARYLAND AND DELAWARE
APRIL 2002

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																
UPPER SOUTHERN 04																
BALTIMORE WSO ARPT R													T			
NORTHERN CENTRAL 06																
DAMASCUS 3 SSW																
MILLERS 4 NE																
APPALACHIAN																
MOUNTAIN 07																
FROSTBURG 2																
HAGERSTOWN POLICE BRK																
ALLEGHENY PLATEAU 08																
OAKLAND 1 SE																
DELAWARE																
NORTHERN 01																
WILMINGTON WSO ARPT R	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	

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	ANNAPOLIS POLICE BRKS
ASSATEAGUE	0335	01	WORCESTER	38 4	75 13W	10	07	07		H	NATIONAL RESOURCES MGMT
BALTIMORE WSO ARPT R	0465	04	ANNE ARUNDEL	39 10	76 41W	148	MID	MID		C HJ	NATL WEATHER SERVICE
BELTSVILLE	0700	04	PRINCE GEORG	39 2	76 56W	145	08	08	08	C H	AGRI RESEARCH CTR EAST
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	CMREC – CLARKSVILLE
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	07		H	TIMOTHY B THOMAS
CUMBERLAND POLICE BRK	2285	07	ALLEGANY	39 38	78 50W	970	17	17		H	MARYLAND STATE POLICE
DALECARLIA RESERVOIR	2325	04	DISTRICT OF	38 56	77 7W	150	17	17		H	U S 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 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 POLICE BRK	3980	07	WASHINGTON	39 37	77 44W	560	17	17		H	MARYLAND STATE POLICE
LAUREL 3 W	5111	04	PRINCE GEORG	39 6	76 54W	400	MID	MID		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	19	19		H	SANDRA J HASTINGS
MILLERS 4 NE	5934	06	CARROLL	39 43	76 48W	860	18	18		C H	BOBBY MILLER
NATIONAL ARBORETUM DC	6350	04	DISTRICT OF	38 55	76 58W	50	07	07		H	INACTIVE 11/28/2001
OAKLAND 1 SE	6620	08	GARRETT	39 24	79 24W	2420	17	17		H	BEA J CROSCO
OXON HILL	6800	03	PRINCE GEORG	38 48	77 0W	120	08	08		H	BRIAN SMITH
POTOMAC FILTER PLANT	7272	06	MONTGOMERY	39 2	77 15W	270		08		H	POTOMAC WATER FILT PLANT
PRINCESS ANNE	7330	01	SOMERSET	38 13	75 41W	20	17	17		H	UNIV OF MD EASTERN SHORE
ROCKVILLE 1 NE	7705	06	MONTGOMERY	39 6	77 9W	440	MID	17		H	WASHINGTON GAS & ELEC CO
ROYAL OAK 2 SSW	7806	02	TALBOT	38 43	76 11W	10	18	18		H	JOHN L SWAINE JR
SALISBURY	8000	01	WICOMICO	38 22	75 35W	10	17	17		H	CITY OF SALISBURY
SALISBURY POLICE BRKS	8003	01	WICOMICO	38 25	75 34W	40	17	17		H	MD STATE POLICE BARRACKS
SALISBURY FAA ARPT #	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 2 NW	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
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											
DOVER	2730	02	KENT	39 16	75 31W	30	16	16		H	DEPT OF TRANSPORTATION
GREENWOOD 2 NE	3595	02	SUSSEX	38 49	75 35W	45	07	07		H	DANIEL M SWARTZENTRUBER
LEWES	5320	02	SUSSEX	38 47	75 8W	15	17	17		H	BOARD OF PUBLIC WORKS
MILFORD 2 SE	5915	02	SUSSEX	38 54	75 26W	35	07	07		H	JACK HALL
NEWARK UNIVERSITY FARM	6410	01	NEW CASTLE	39 40	75 45W	90	17	17	17	C H	UNIV OF DEL AGRIC FARM
WILMINGTON WSO ARPT R	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	07		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 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.

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

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

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

SYMBOLS AND LETTERS USED IN THE STATION INDEX TABLE

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

SYMBOLS AND LETTERS USED IN THE DATA TABLES

(DAILY DATA ARE FOR THE 24 HOURS IMMEDIATELY PRECEDING OBSERVATION TIME.)
BLANK Entries in the "Monthly Summarized Data" table indicate no record.
BLANK Entries in the "Daily Precipitation" and "Snowfall and Snow on the Ground" tables indicate zero.
BLANK Entries in the "Daily Temperature" table indicate a missing record where an edited value could not be determined. (See *** below)
– No record. Data not recorded, determined unreliable by quality control check, or not received in time for publication.
+ Precipitation or temperature extremes occurred on one or more previous dates during the month.
*** Missing original temperature which has been estimated during edit.
* Rain gage not read. Precipitation is included in the amount following the asterisks. Time distribution not known. A * preceding the monthly total indicates precipitation amount is being carried forward to next months total, and may include amounts from the previous month(s).
// Rain gage equipped with a windshield.
A Amount of precipitation is the total of observer's entries for the current month. It may include precipitation that occurred during the previous month. Refer to earlier bulletin to determine date of last reading. (Hawaii stations)
B Adjusted monthly value (estimated), (1–7 missing values for wind and evaporation).
M Insufficient or partial data. M is appended to average and/or total values computed with 1–9 daily values missing. M appears alone if 10 or more daily values are missing, (8 or more for wind and evaporation).
R Amounts from recording rain gage.
T Trace. An amount too small to measure.
V Includes total for previous month(s). (See * above)

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

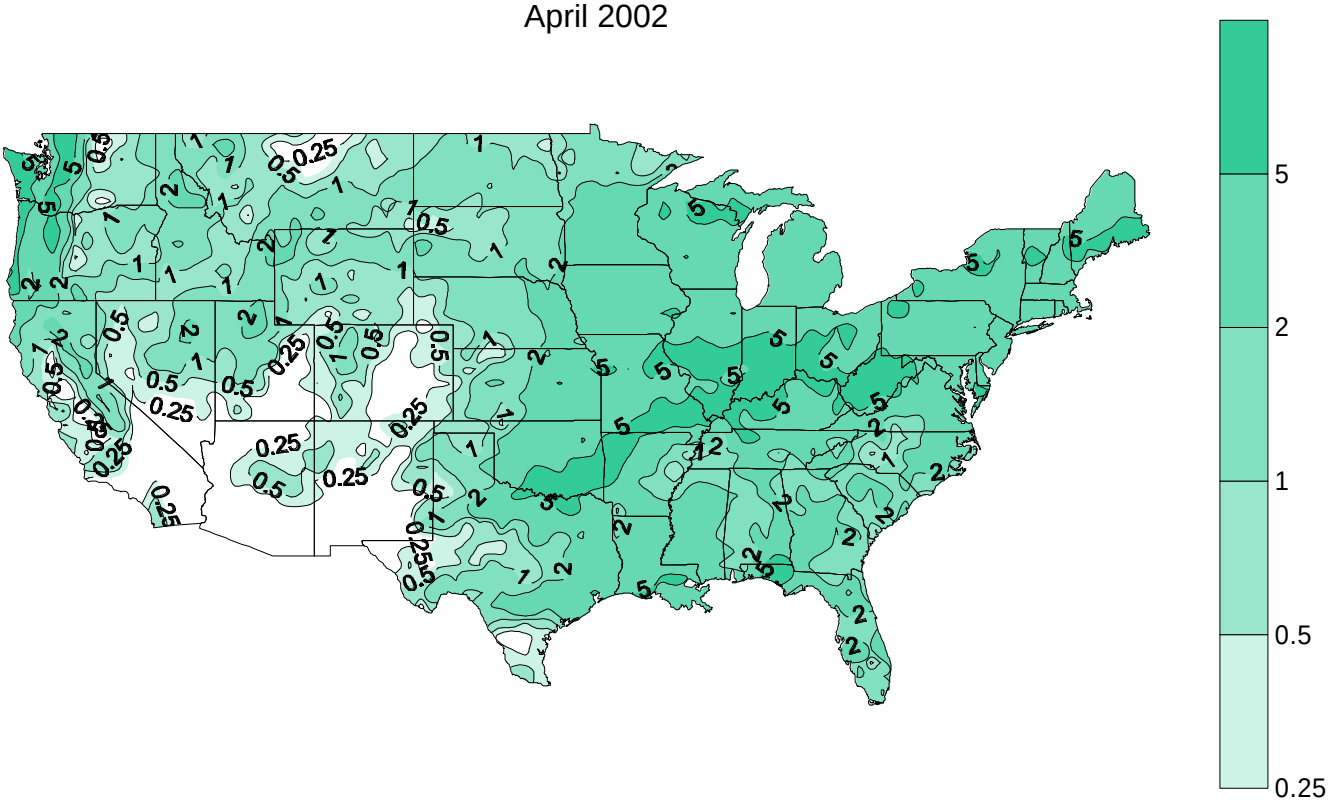
Information concerning the history of changes in locations, exposure, etc. of substations is kept on file at the National Climatic Data Center. Historical information of regular National Weather Service Offices may be obtained from the "Local Climatological Data" annual publication. The contents of this publication may be reprinted or otherwise used freely, with proper credit to the National Climatic Data Center. The data are also available in digital form on magnetic tape and diskette.

SUBSCRIPTION, PRICE, AND ORDERING INFORMATION AVAILABLE FROM:

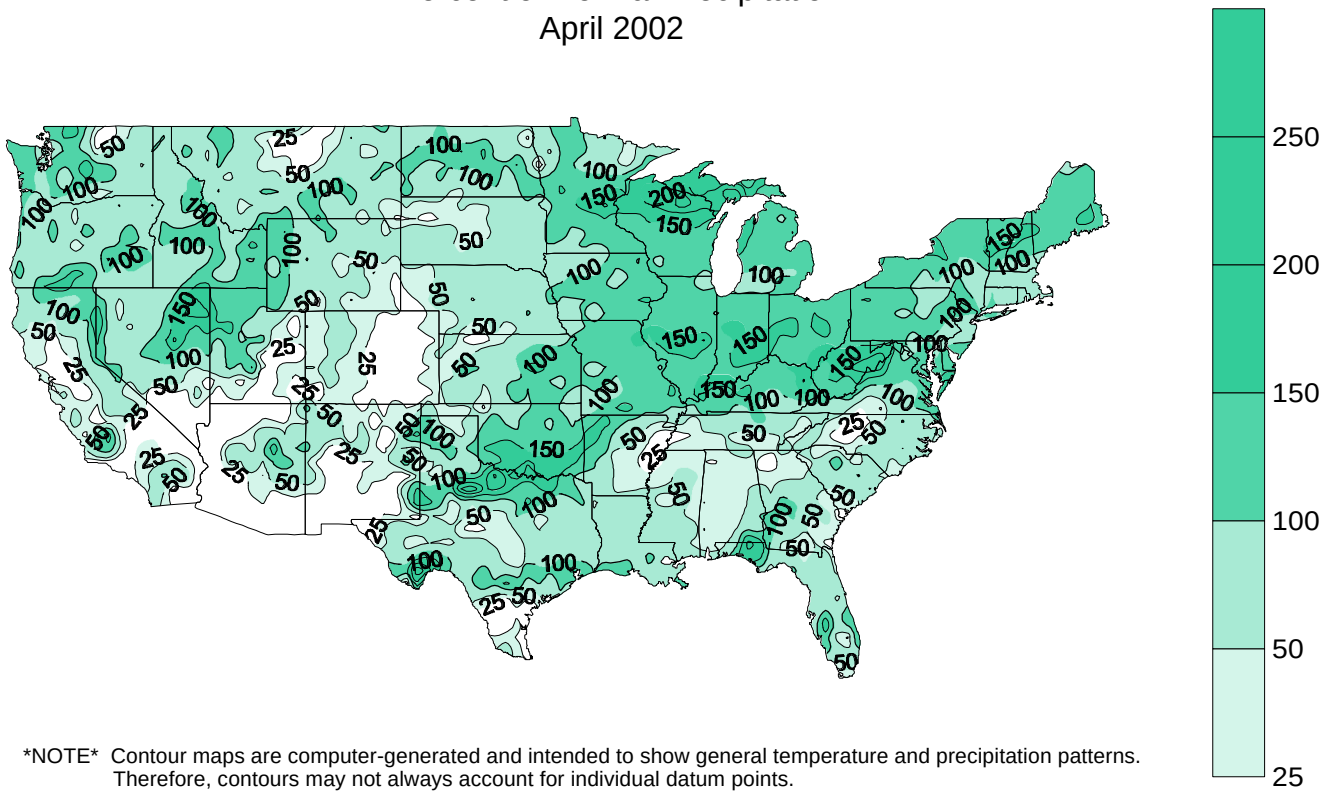
NCDC Subscription Services Center
310 State Route 956
Building 300
Rocket Center, WV 26726

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

Total Precipitation (Inches)
April 2002



Percent of Normal Precipitation
April 2002

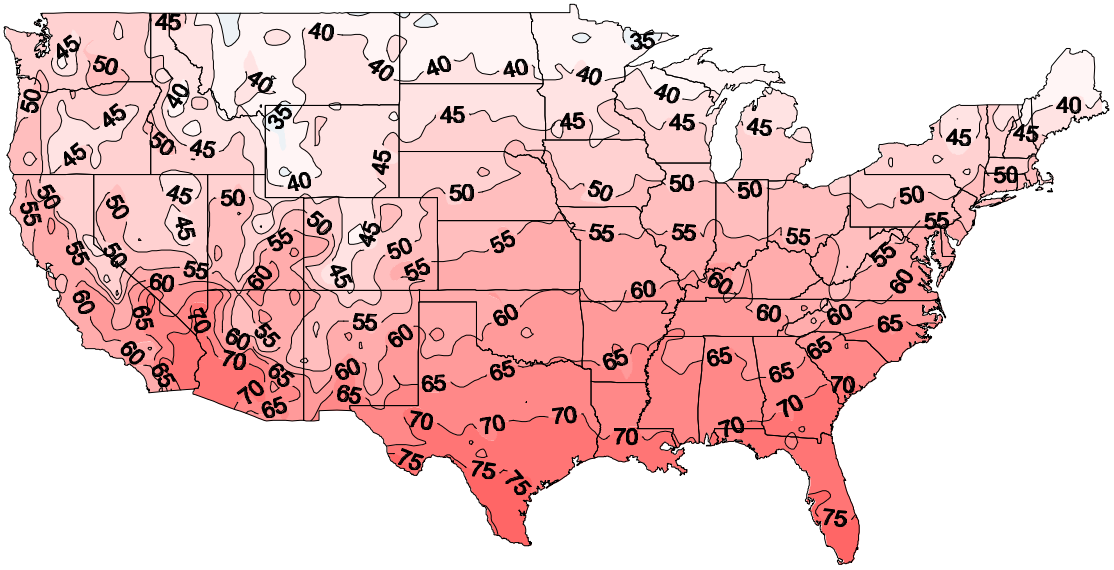


NOTE Contour maps are computer-generated and intended to show general temperature and precipitation patterns. Therefore, contours may not always account for individual datum points.

National Climatic Data Center, NOAA

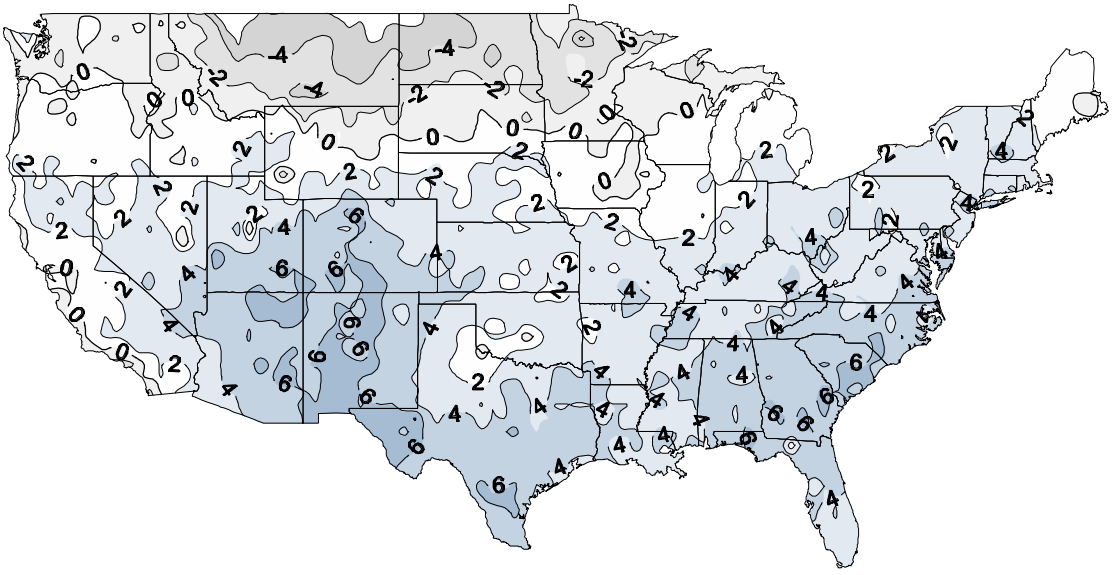
Average Temperature (Degrees F)

April 2002



Departure of Average Temperature from Normal (Degrees F)

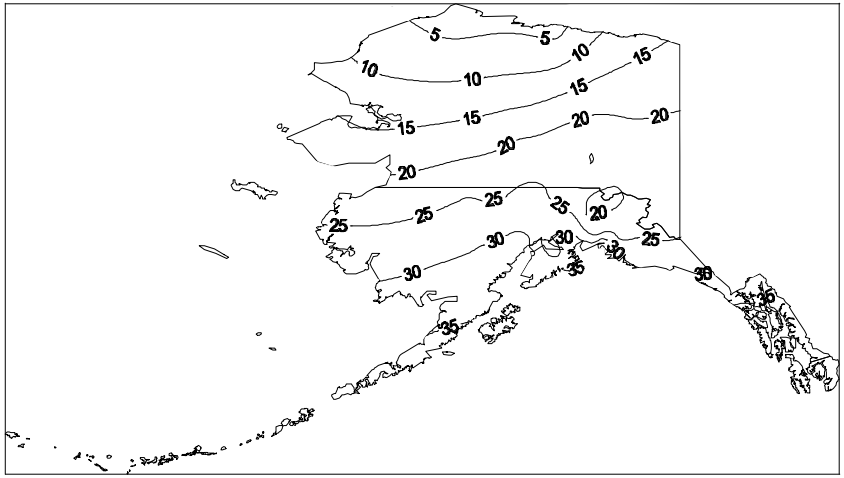
April 2002



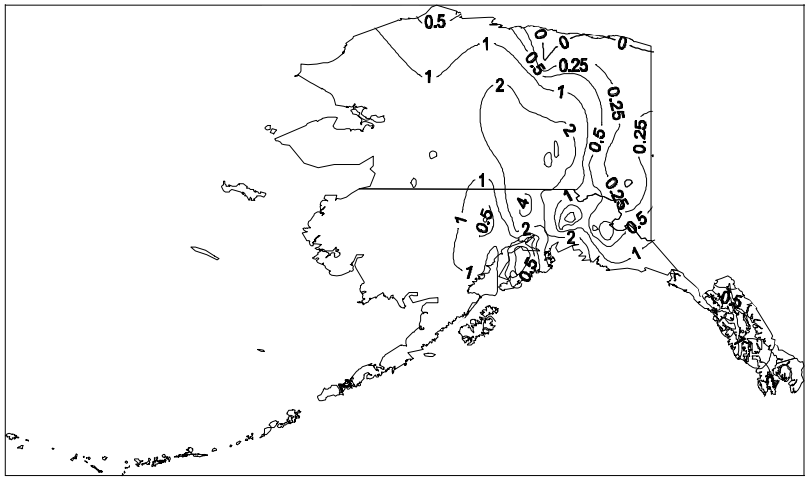
NOTE Contour maps are computer-generated and intended to show general temperature and precipitation patterns. Therefore, contours may not always account for individual datum points.

National Climatic Data Center, NOAA

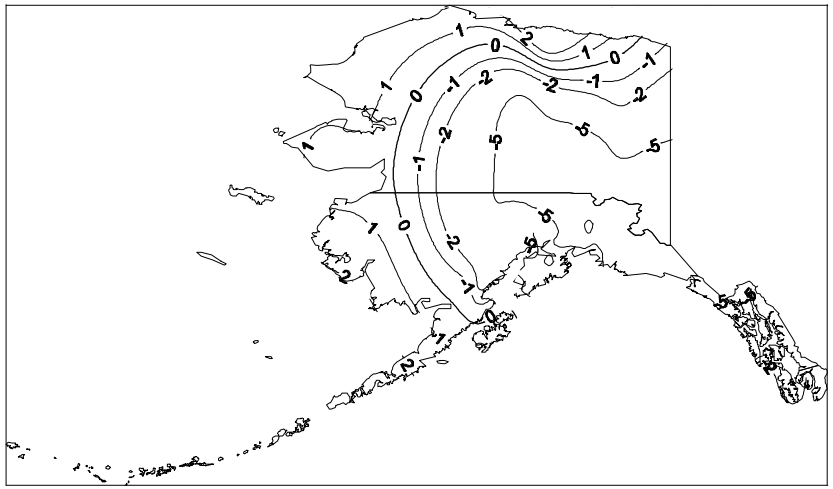
Average Temperature (Degrees F)
April 2002



Alaska Precipitation (Inches)
April 2002



Departure of Average Temperature from Normal (Degrees F)
April 2002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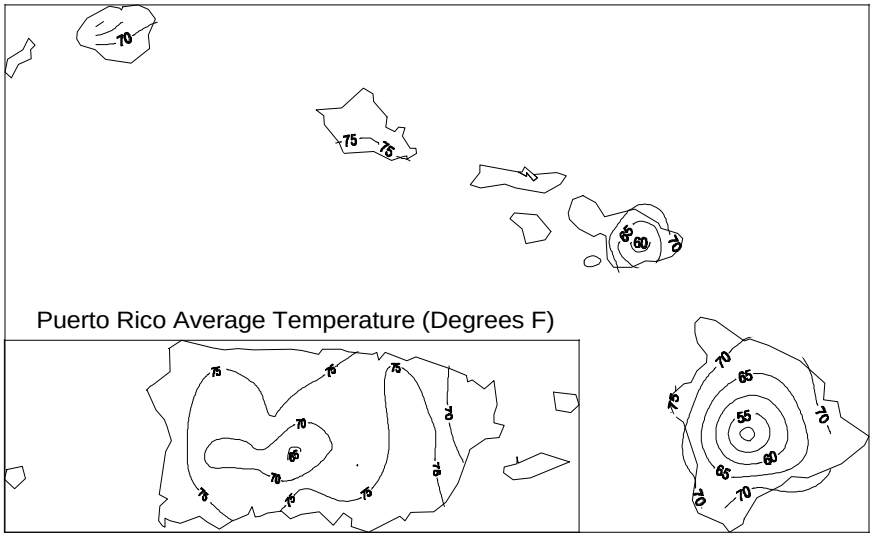
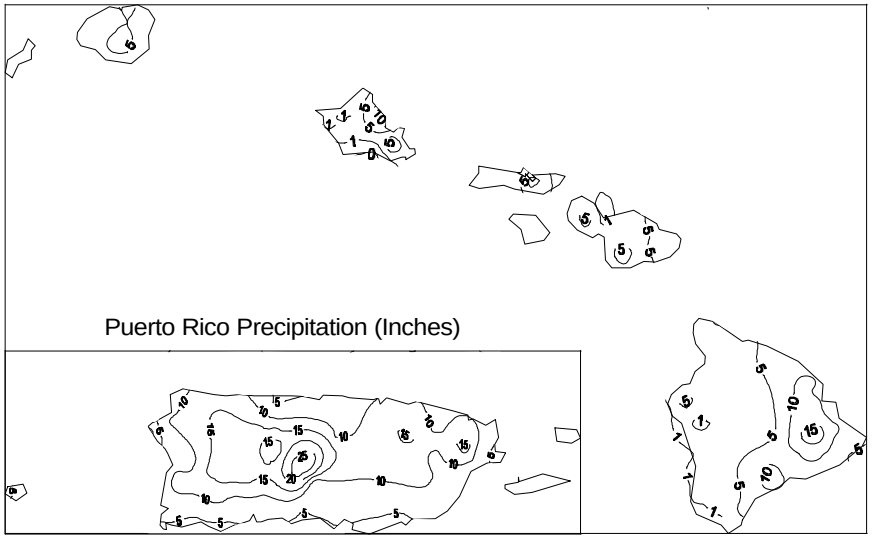
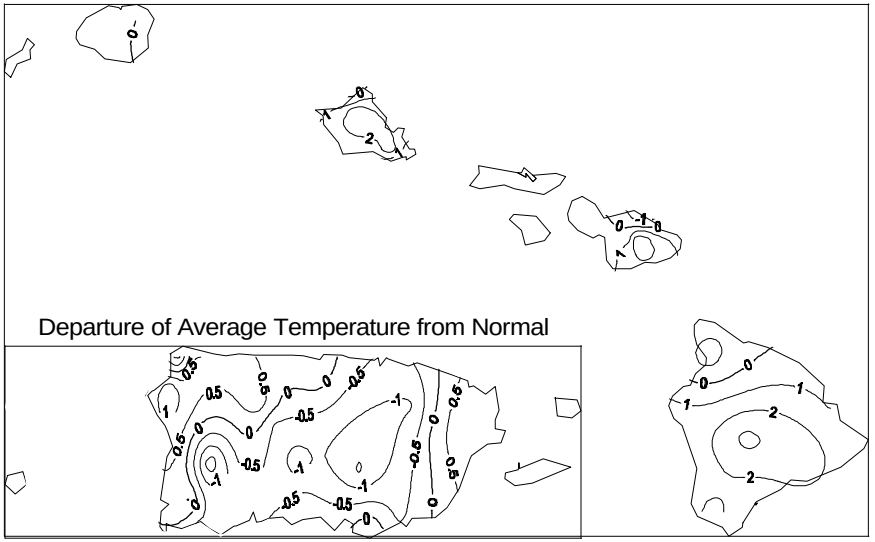
Hawaii Average Temperature (Degrees F)
April 2002



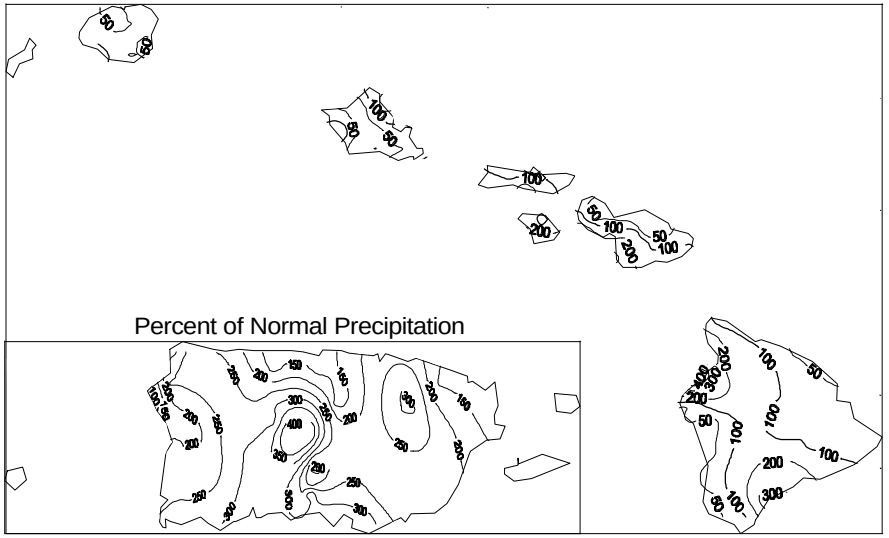
Hawaii Precipitation (Inches)
April 2002



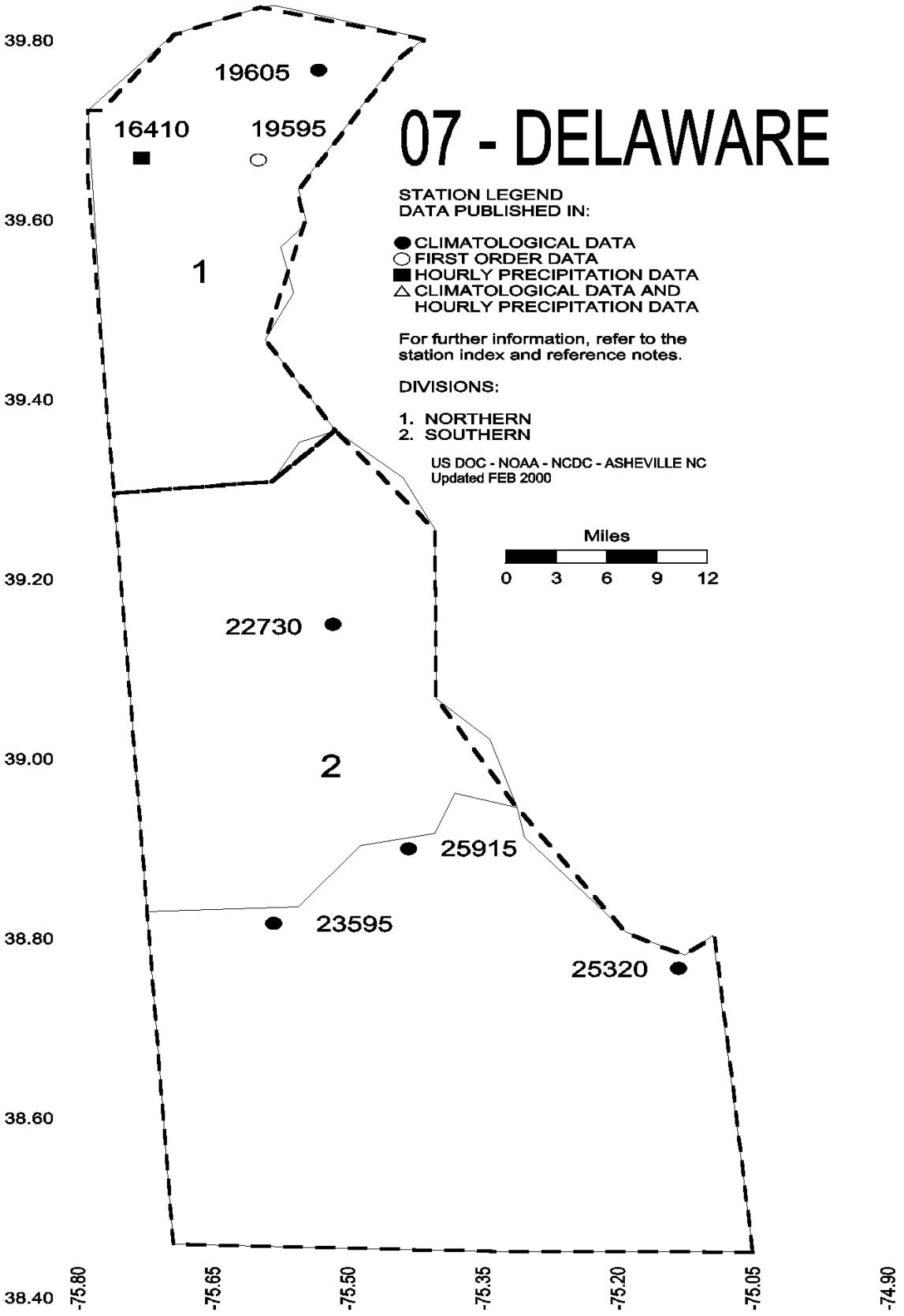
Departure of Average Temperature from Normal (Degrees F)
April 2002



Hawaii Percent of Normal Precipitation
April 2002



National Climatic Data Center, NOAA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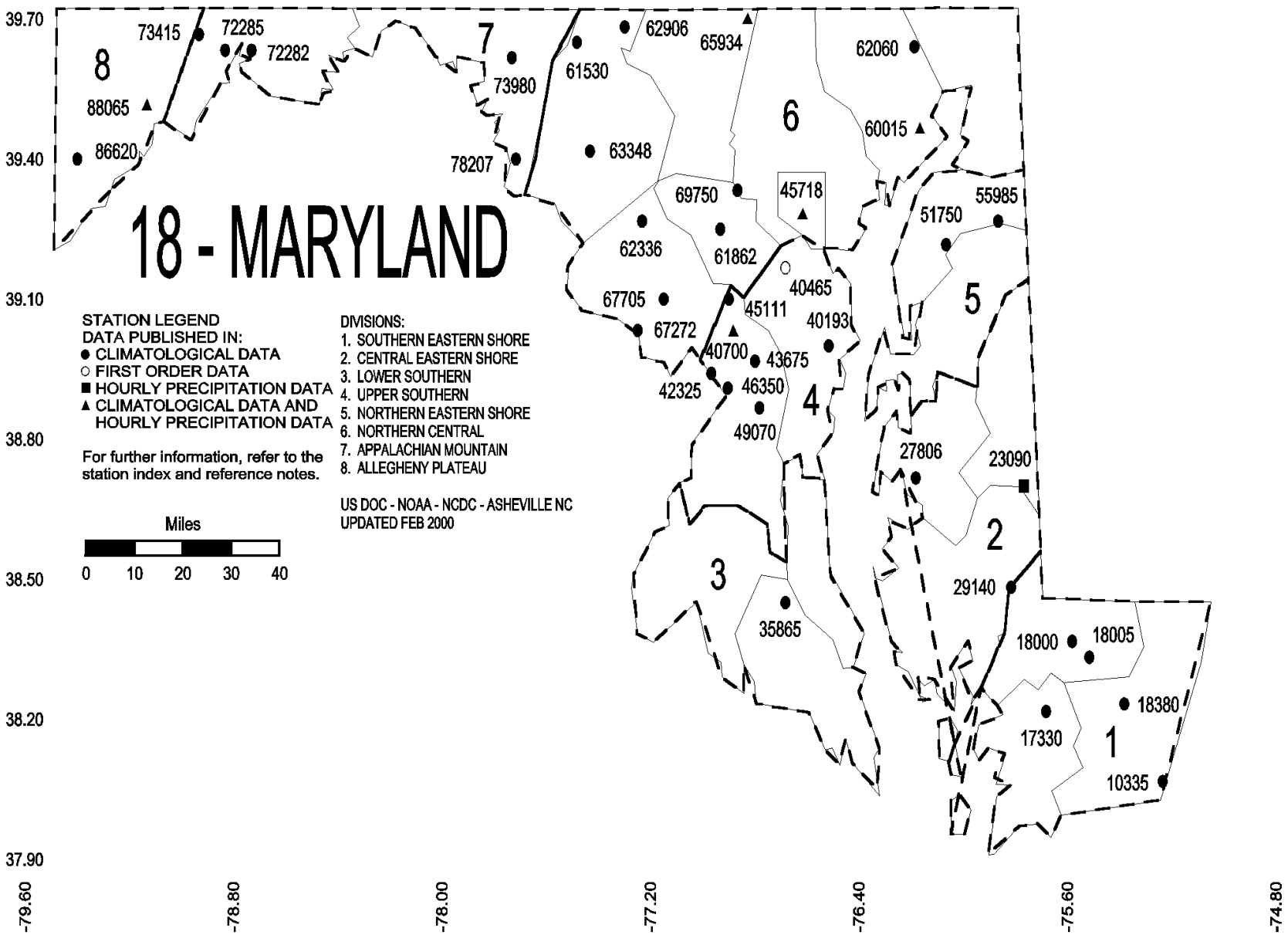
39.20
39.00
38.80
38.60
38.40
-75.80
-75.65
-75.50
-75.35
-75.20
-75.05
-74.90
19605
16410
19595
1
22730
2
25915
23595
25320
07 - DELAWARE
STATION LEGEND
DATA PUBLISHED IN:
CLIMATOLOGICAL DATA
FIRST ORDER DATA
HOURLY PRECIPITATION DATA
CLIMATOLOGICAL DATA AND
HOURLY PRECIPITATION DATA
For further information, 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


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.
Miles
0 10 20 30 40
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
73415
72285
72282
88065
86620
73980
78207
61530
62906
65934
62060
60015
63348
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
39.70
39.40
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