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MARYLAND AND DELAWARE

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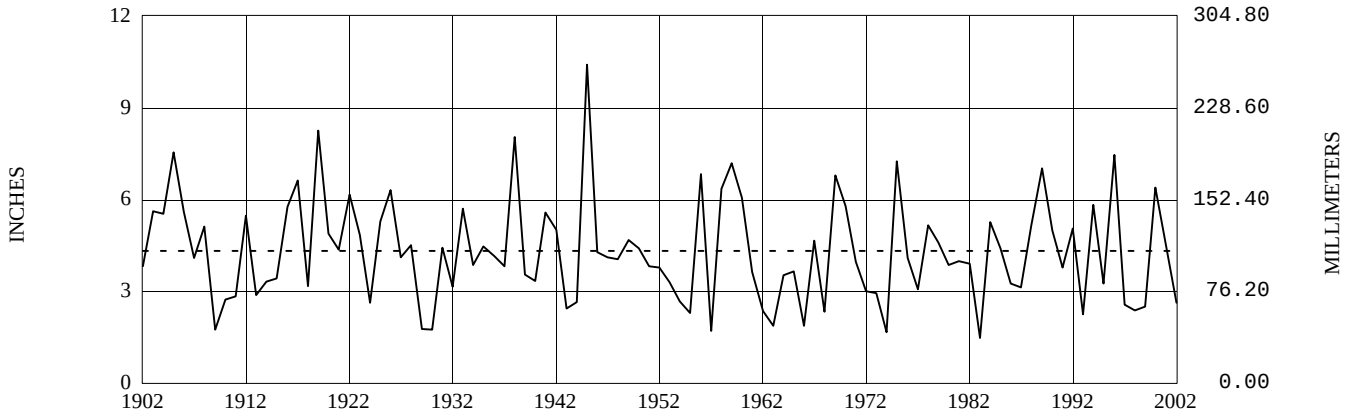

- - - - - - - - - - - Long–Term Average 4.30 inches

MARYLAND AND DELAWARE PRECIPITATION JULY, 1902–2002

TEMPERATURE AND PRECIPITATION EXTREMES

MARYLAND			
HIGHEST TEMPERATURE	104	JULY 4	CHESTERTOWN
LOWEST TEMPERATURE	42	JULY 12	SALISBURY FAA ARPT
GREATEST TOTAL PRECIPITATION	5.79		OAKLAND 1 SE
LEAST TOTAL PRECIPITATION	.87		SALISBURY
GREATEST 1 DAY PRECIPITATION	2.37	JULY 24	SNOW HILL 4 N

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TEMPERATURE AND PRECIPITATION EXTREMES

DELAWARE

HIGHEST TEMPERATURE	100	JULY 5	2 STATIONS	
LOWEST TEMPERATURE	50	JULY 12	GREENWOOD 2 NE	
GREATEST TOTAL PRECIPITATION	3.55		MILFORD 2 SE	
LEAST TOTAL PRECIPITATION	1.40		WILMINGTON WSO ARPT	R
GREATEST 1 DAY PRECIPITATION	2.19	JULY 28	MILFORD 2 SE	

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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	87.2	69.6	78.4	2.8	100	29	52	12	0	424	10	0	0	0
PRINCESS ANNE	M	M	M		99	9	49	12			9	0	0	0
SALISBURY	91.1	69.9	80.5	3.0	99	4	55	12	0	488	22	0	0	0
SALISBURY POLICE BRKS	92.9	70.4	81.7		101	4+	55	13+	0	526	23	0	0	0
SALISBURY FAA ARPT	89.5	62.3	75.9	-1.4	99	4	42	12	4	349	18	0	0	0
SNOW HILL 4 N	90.7	65.9	78.3	1.3	98	4	47	12	0	422	22	0	0	0
--DIVISIONAL DATA------->			79.0	2.4										
CENTRAL EASTERN SHORE 02														
ROYAL OAK 2 SSW	90.5	69.9	80.2	1.6	99	4	54	12	0	480	21	0	0	0
VIENNA	92.4	69.7	81.1	3.0	101	4	54	12	0	503	21	0	0	0
--DIVISIONAL DATA------->			80.7	3.3										
LOWER SOUTHERN 03														
MECHANICSVILLE 5 NE	88.0	67.4	77.7	1.1	97	4	49	12	0	399	16	0	0	0
OXON HILL	90.2	69.5	79.9		100	5	55	12	0	467	20	0	0	0
--DIVISIONAL DATA------->			78.8	2.2										
UPPER SOUTHERN 04														
ANNAPOLIS POLICE BRKS	91.4	69.9	80.7	3.2	100	29	56	12	0	490	21	0	0	0
BALTIMORE WSO ARPT R	89.3	67.9	78.6	2.1	100	4	53	12	0	430	19	0	0	0
BELTSVILLE	88.0	68.0	78.0	1.1	98	5	54	12	0	410	16	0	0	0
DALECARLIA RESERVOIR	92.6	70.2	81.4	3.8	101	4	61	8	0	515	23	0	0	0
GLENN DALE BELL STN	91.1	65.9	78.5	3.3	100	5	50	12	0	427	19	0	0	0
LAUREL 3 W	89.5	69.5	79.5	1.7	100	4+	58	12	0	453	18	0	0	0
MD SCI CTR BALTIMORE R	90.3	72.7	81.5		101	4	61	26	0	521	20	0	0	0
UPPER MARLBORO 3 NNW	89.6	67.6	78.6	2.7	101	5	51	12	0	431	18	0	0	0
--DIVISIONAL DATA------->			79.6	3.0										
NORTHERN EASTERN SHORE 05														
CHESTERTOWN	92.2	65.9	79.1	1.7	104	4	52	12	0	442	22	0	0	0
--DIVISIONAL DATA------->			79.1	2.6										
NORTHERN CENTRAL 06														
ABERDEEN PHILLIPS FLD	90.8	68.6	79.7	2.7	99	5+	53	12	0	464	20	0	0	0
CATOCTIN MOUNTAIN PARK	83.9	65.4	74.7	1.6	92	4	55	12+	1	308	6	0	0	0
CLARKSVILLE 3 NNE	88.8	64.7	76.8	1.7	101	4	49	12	1	373	18	0	0	0
CONOWINGO DAM	92.5	67.0	79.8	3.6	102	5+	54	12	0	462	21	0	0	0
DAMASCUS 3 SSW	85.0	65.7	75.4		94	4	52	12	3	330	10	0	0	0
EMMITSBURG 2 SE	88.9	64.0	76.5	1.5	96	5+	47	12	1	363	18	0	0	0
FREDERICK POLICE BRKS	M	M	M											
MILLERS 4 NE	87.2	65.0	76.1	2.2	96	4	50	12+	0	352	14	0	0	0
ROCKVILLE 1 NE	88.0	68.2	78.1	2.8	98	4+	53	12	0	413	15	0	0	0
SMITHSBURG 2 NW	91.5	64.7	78.1		102	5	49	12	0	412	21	0	0	0
--DIVISIONAL DATA------->			77.2	2.0										
APPALACHIAN MOUNTAIN 07														
CUMBERLAND 2	88.9	64.6	76.8	2.3	99	4	50	12+	0	372	19	0	0	0
CUMBERLAND POLICE BRK	87.4	63.6	75.5		95	5+	47	12	0	334	16	0	0	0
FROSTBURG 2	80.4	60.9	70.7	2.2	88	23+	49	12	10	191	0	0	0	0
HAGERSTOWN POLICE BRK	88.7	66.1	77.4		96	4+	50	12	0	391	17	0	0	0
SHARPSBURG 5 S	87.5	63.2	75.4		97	5	47	12	2	330	15	0	0	0
--DIVISIONAL DATA------->			75.2	2.0										
ALLEGHENY PLATEAU 08														
OAKLAND 1 SE	80.7	61.5	71.1	2.7	87	22+	44	12	9	206	0	0	0	0
SAVAGE RIVER DAM	86.5	62.3	74.4	4.7	99	4	46	12	4	303	14	0	0	0
--DIVISIONAL DATA------->			72.8	4.8										
DELAWARE														
NORTHERN 01														
NEWARK UNIVERSITY FARM	92.8	65.1	79.0	2.6	99	30+	53	11	0	440	24	0	0	0
WILMINGTON WSO ARPT R	87.5	67.5	77.5	.9	97	29	56	12	0	397	13	0	0	0
WILMINGTON PORTER RSVR	86.2	68.5	77.4	2.2	95	4	59	12	0	390	12	0	0	0
--DIVISIONAL DATA------->			78.0	2.1										
SOUTHERN 02														
DOVER	88.5	69.2	78.9	1.1	96	4	55	12	0	437	18	0	0	0
GREENWOOD 2 NE	88.8	66.0	77.4	1.7	100	5	50	12	0	392	17	0	0	0
LEWES	88.7	70.0	79.4	2.1	98	4	57	12+	0	455	16	0	0	0
MILFORD 2 SE	89.6	67.5	78.6	1.9	100	5	51	12	0	427	18	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	M 2.68		1.44	10	.0	0		6	1	1
PRINCESS ANNE	1.42	-2.85			.0	0		1	0	0
SALISBURY	.87	-3.67	.33	24	.0	0		4	0	0
SALISBURY POLICE BRKS	1.30		.82	24	.0	0		3	1	0
SALISBURY FAA ARPT	1.90	-2.64	.72	23	M	M		5	1	0
SNOW HILL 4 N	2.90	-1.58	2.37	24	.0	0		4	1	1
--DIVISIONAL DATA------->	1.68	-2.37			.0					
CENTRAL EASTERN SHORE 02										
ROYAL OAK 2 SSW	1.61	-2.61	.72	25	.0	0		3	1	0
VIENNA	1.33	-2.53	.35	4	.0	0		6	0	0
--DIVISIONAL DATA------->	1.47	-2.47			.0					
LOWER SOUTHERN 03										
MECHANICSVILLE 5 NE	1.74	-2.74	.60	26	.0	0		4	1	0
OXON HILL	1.93		.79	15	.0	0		4	2	0
--DIVISIONAL DATA------->	1.84	-2.12			.0					
UPPER SOUTHERN 04										
ANNAPOLIS POLICE BRKS	M 2.51		.94	24	.0	0		4	3	0
BALTIMORE WSO ARPT R	2.26	-1.59	.77	14	.0	0		4	2	0
BELTSVILLE	2.14	-1.95	.79	14	.0	0		5	1	0
DALECARLIA RESERVOIR	2.81	-1.45	1.91	14	.0	0		2	2	1
GLENN DALE BELL STN	2.55	-1.63	1.45	14	.0	0		3	2	1
LAUREL 3 W	4.49	.47	1.51	9	.0	0		6	4	2
MD SCI CTR BALTIMORE R	3.29		1.04	9	M	M		4	3	2
UPPER MARLBORO 3 NNW	1.51	-2.60	1.00	15	.0	0		2	1	1
--DIVISIONAL DATA------->	2.72	-1.29			.0					
NORTHERN EASTERN SHORE 05										
CHESTERTOWN	2.87	-1.07	1.21	9	.0	0		5	2	1
--DIVISIONAL DATA------->	2.87	-.93			.0					
NORTHERN CENTRAL 06										
ABERDEEN PHILLIPS FLD	2.10	-2.11	.71	10	.0	0		5	2	0
CATOCTIN MOUNTAIN PARK	3.12	-.70	1.14	26	.0	0		5	3	1
CLARKSVILLE 3 NNE	1.82	-2.21	.83	26	.0	0		4	1	0
CONOWINGO DAM	2.52	-1.68	1.30	10	.0	0		6	2	1
DAMASCUS 3 SSW	3.03		1.28	26	.0	0		4	3	1
EMMITSBURG 2 SE	2.34	-1.30	1.20	26	.0	0		4	2	1
FREDERICK POLICE BRKS					M	M				
MILLERS 4 NE	2.25	-1.32	.90	26	.0	0		5	1	0
ROCKVILLE 1 NE	3.60	-.31	1.32	23	.0	0		5	3	2
SMITHSBURG 2 NW	2.47		1.30	24	.0	0		5	2	1
--DIVISIONAL DATA------->	2.58	-1.22			.0					
APPALACHIAN MOUNTAIN 07										
CUMBERLAND 2	2.50	-.92	.69	14	.0	0		5	2	0
CUMBERLAND POLICE BRK	2.06		.57	26	.0	0		6	2	0
FROSTBURG 2	3.08	-.83	.83	26	.0	0		5	4	0
HAGERSTOWN POLICE BRK	2.70		.75	26	.0	0		4	4	0
SHARPSBURG 5 S	4.54		1.26	24	.0	0		8	4	1
--DIVISIONAL DATA------->	2.98	-.56			.0					
ALLEGHENY PLATEAU 08										
OAKLAND 1 SE	5.79	.56	1.25	10	.0	0		8	5	3
SAVAGE RIVER DAM	5.74	1.55	2.18	10	.0	0		9	4	2
--DIVISIONAL DATA------->	5.77	.91			.0					
DELAWARE										
NORTHERN 01										
NEWARK UNIVERSITY FARM	M 1.49		.70	10	.0	0		3	1	0
WILMINGTON WSO ARPT R	1.40	-2.88	.96	9	.0	M		3	1	0
WILMINGTON PORTER RSVR	2.21	-2.18	.91	9	.0	0		5	2	0
--DIVISIONAL DATA------->	1.81	-2.41			.0					
SOUTHERN 02										
DOVER	2.82	-1.34	1.60	24	.0	0		5	1	1
GREENWOOD 2 NE	3.06	-1.78	1.50	24	.0	0		5	2	2
LEWES	3.26	-.93	1.79	19	.0	0		5	2	1
MILFORD 2 SE	3.55	-.14	2.19	28	.0	0		7	1	1

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------->			78.6	2.2										

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------->	3.17	-.72			.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	M 2.68										1.44				.10	
PRINCESS ANNE	1.42										*	.47		*	*	.13
SALISBURY	.87														.15	T
SALISBURY POLICE BRKS	1.30										T				.22	
SALISBURY FAA ARPT	1.90				T					.02	T				.19	
SNOW HILL 4 N	2.90										.02				.12	
CENTRAL EASTERN SHORE 02																
ROYAL OAK 2 SSW	1.61										.02				.47	
VIENNA	1.33				.35						.06				.17	.01
LOWER SOUTHERN 03																
MECHANICSVILLE 5 NE	1.74										.09				.48	.02
OXON HILL	1.93										.13	T			.61	.79
UPPER SOUTHERN 04																
ANNAPOLIS POLICE BRKS	M 2.51		–								.05				.89	
BALTIMORE WSO ARPT R	2.26									.69	.01			.01	.77	
BELTSVILLE	2.14										.11				.79	.38
DALECARLIA RESERVOIR	2.81														1.91	.01
GLENN DALE BELL STN	2.55										.09				1.45	.00
LAUREL 3 W	4.49									1.51	.01				1.13	
MD SCI CTR BALTIMORE R	3.29									1.04	.03			.01	.31	
UPPER MARLBORO 3 NNW	1.51										.06					1.00
NORTHERN EASTERN SHORE 05																
CHESTERTOWN	2.87									1.21					.25	
NORTHERN CENTRAL 06																
ABERDEEN PHILLIPS FLD	2.10										.71					.11
CATOCTIN MOUNTAIN PARK	3.12										.40				.70	
CLARKSVILLE 3 NNE	1.82									.30	.02				.49	
CONOWINGO DAM	2.52										1.30				.11	.20
DAMASCUS 3 SSW	3.03									.70				T	.85	
EMMITSBURG 2 SE	2.34										.15				.55	
FREDERICK POLICE BRKS	M	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
MILLERS 4 NE	2.25										.24			T	.47	
POTOMAC FILTER PLANT	3.04									.48					1.44	
ROCKVILLE 1 NE	3.60									.33					1.20	
SMITHSBURG 2 NW	2.47										.14				.57	.03
APPALACHIAN MOUNTAIN 07																
CUMBERLAND 2	2.50										.20	.03			.69	.02
CUMBERLAND POLICE BRK	2.06										.20				.10	
FROSTBURG 2	3.08			T		.05					.55				.65	.02
HAGERSTOWN POLICE BRK	2.70														.72	
SHARPSBURG 5 S	4.54										.79				.77	.18
ALLEGHENY PLATEAU 08																
OAKLAND 1 SE	5.79					.82					1.25			.04	1.15	
SAVAGE RIVER DAM	5.74			.11		T					2.18	.02		.03	.88	.03
DELAWARE																
NORTHERN 01																
NEWARK UNIVERSITY FARM	M 1.49										.70			.22		
WILMINGTON WSO ARPT R	1.40									.96	.02			T	.20	
WILMINGTON PORTER RSVR	2.21									.91	.05				.23	
SOUTHERN 02																
DOVER	2.82										.22				.08	
GREENWOOD 2 NE	3.06										.18	T			.14	.10
LEWES	3.26										.04				.14	
MILFORD 2 SE	3.55										.04				.12	.17

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				.01				.37	.43	.18	.15		–			
PRINCESS ANNE			.42		*	*	*	*	.12	*	.28					
SALISBURY				.02					.33	.19	.15	.03				
SALISBURY POLICE BRKS				.06					.82		.19	.01				
SALISBURY FAA ARPT			T	.02		.06		.72	.07	.47	.13	.22	T			
SNOW HILL 4 N									2.37	.27	.12					
CENTRAL EASTERN SHORE 02																
ROYAL OAK 2 SSW			T						.31	.72	.09					
VIENNA									.25	.16	.23	.10				
LOWER SOUTHERN 03																
MECHANICSVILLE 5 NE									.29	.02	.60	.07		.17		
OXON HILL					T	T			T		T	.36	.04	T		
UPPER SOUTHERN 04																
ANNAPOLIS POLICE BRKS					–		–		.94	.10	.50	.02	.01			
BALTIMORE WSO ARPT R			T					.49	.03		.25	.01				
BELTSVILLE									.29	.04		.45	.08			
DALECARLIA RESERVOIR										.80	.02	.07				
GLENN DALE BELL STN									.45	.02		.54				
LAUREL 3 W						.90		.53	.13		.24	.04				
MD SCI CTR BALTIMORE R								.76	.08		1.00	.01	.05			
UPPER MARLBORO 3 NNW										.03		.42				
NORTHERN EASTERN SHORE 05																
CHESTERTOWN								.98	T		.32		.11			
NORTHERN CENTRAL 06																
ABERDEEN PHILLIPS FLD									.52	.02	.49	.01	.24			
CATOCTIN MOUNTAIN PARK					.07			.62	.14	.03	1.14	.02				
CLARKSVILLE 3 NNE						.03		.11	.03		.83	.01				
CONOWINGO DAM									.51		.01	.24		.15		
DAMASCUS 3 SSW			T	T				.12	T		1.28	.07	.01			
EMMITSBURG 2 SE			.02		.05			T	.05		1.20	.32				
FREDERICK POLICE BRKS	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
MILLERS 4 NE			T	T	.01	T		.06	.07	T	.90	.15	.30	.05		
POTOMAC FILTER PLANT						.06		.28	.08	.18	.44	.08				
ROCKVILLE 1 NE			T	T				1.32	.17		.54	.03	.01			
SMITHSBURG 2 NW					.05			.11	1.30		.09	.18				
APPALACHIAN MOUNTAIN 07																
CUMBERLAND 2				.36	.02				.03	.01	.68	.45	.01			
CUMBERLAND POLICE BRK				.23						.50	.57	.46				
FROSTBURG 2				.15	.03				.06		.83	.70	.04			
HAGERSTOWN POLICE BRK				T				T	.63		.75	.60				
SHARPSBURG 5 S					.13				1.26	T	.56	.42	.43			
ALLEGHENY PLATEAU 08																
OAKLAND 1 SE			.22	.16	.03				.12	T	.91	1.09				
SAVAGE RIVER DAM				.66	.11				.27	T	.19	1.10	.16			
DELAWARE																
NORTHERN 01																
NEWARK UNIVERSITY FARM									.44	.06		.07	–			
WILMINGTON WSO ARPT R			T	.01				.11	.01	T	.03	T	.06			
WILMINGTON PORTER RSVR			.03	.10				.11	.02		.03	.66	.07			
SOUTHERN 02																
DOVER									1.60	.41	.04		.32	.15		
GREENWOOD 2 NE									1.50				1.14			
LEWES			T	1.79	.02	.01			.35	.05	.02	.72	.12			
MILFORD 2 SE				T	T				.30	.47	.10		2.19	.16		

TOTAL SNOWFALL AND NUMBER OF DAYS WITH ONE INCH OR MORE ON GROUND

STATION	JUL		AUG		SEP		OCT		NOV		DEC		JAN		FEB		MAR		APR		MAY		JUN		TOTAL		TOTAL PRECIPITATION
	SNOWFALL	1 IN ON GD	SNOWFALL	1 IN ON GD	SNOWFALL	1 IN ON GD	SNOWFALL	1 IN ON GD	SNOWFALL	1 IN ON GD	SNOWFALL	1 IN ON GD	SNOWFALL	1 IN ON GD	SNOWFALL	1 IN ON GD	SNOWFALL	1 IN ON GD	SNOWFALL	1 IN ON GD	SNOWFALL	1 IN ON GD	SNOWFALL	1 IN ON GD	SNOWFALL	1 IN ON GD	
MARYLAND																											
SOUTHERN EASTERN SHORE 01																											
ASSATEAGUE													3.4	–	.7	0									4.1	M	34.94
SALISBURY POLICE BRKS	–	–	–	–	–	–	–	–	–	–	–	–	3.0	3	M .0	–									M 3.0	M 3	M
SALISBURY FAA ARPT	–	–	–	–	–	–	–	–	–	–	–	–	5.1	–	–	–	–	–	–	–	–	–	–	–	M 5.1	M	34.70
SNOW HILL 4 N													5.0	3	1.0	0									6.0	3	32.33
CENTRAL EASTERN SHORE 02																											
ROYAL OAK 2 SSW													4.5	2	.5	–									5.0	M 2	31.32
VIENNA													6.0	–											6.0	M	31.95
LOWER SOUTHERN 03																											
MECHANICSVILLE 5 NE													M 7.5	5	M .0	0									7.5	5	34.43
UPPER SOUTHERN 04																											
BALTIMORE WSO ARPT R													2.3	2	T	0	T	0	T	0			T	0	2.3	2	30.30
BELTSVILLE													2.0	2	M .1	0									2.1	2	30.44
DALECARLIA RESERVOIR													2.3	–											2.3	M	40.52
LAUREL 3 W													2.5	–											2.5	M	31.53
UPPER MARLBORO 3 NNW													2.5	2	.3	0									2.8	2	29.88
NORTHERN EASTERN SHORE 05																											
CHESTERTOWN													3.5	3	M .0	0					–	–		–	M 3.5	M 3	28.50
NORTHERN CENTRAL 06																											
ABERDEEN PHILLIPS FLD													M 4.0	–	M .0	–							M .0	–	4.0	M	28.99
CATOCTIN MOUNTAIN PARK													6.6	–											6.6	M	30.50
CONOWINGO DAM					M .0	–					M .0	–	4.6	–	M .0	–	M .0	–							4.6	M	25.16
DAMASCUS 3 SSW													M 6.5	7	.9	0	T	0	T	0					7.4	7	35.14
EMMITSBURG 2 SE													10.0	5	M .0	0	1.0	0							11.0	5	27.59
FREDERICK POLICE BRKS													3.4	–											3.4	M	26.93
MILLERS 4 NE									T	0	T	0	6.9	7	1.2	0	T	0	.1	0					8.2	7	27.77
POTOMAC FILTER PLANT													M 3.5	–											3.5	M	32.87
ROCKVILLE 1 NE													M .1	2	.2	0			M .0	0					.3	2	29.82
SMITHSBURG 2 NW	–	–	–	–	–	–	–	–	–	–			4.5	–											M 4.5	M	M
APPALACHIAN MOUNTAIN 07																											
CUMBERLAND 2													7.0	–											7.0	M	29.75
CUMBERLAND POLICE BRK							M .0	–			T	0	M 8.1	–	T	0									8.1	M	25.81
FROSTBURG 2							T	0	T	0	4.2	5	9.9	12	6.4	7	2.4	2	T	0	T	0			22.9	26	35.73
HAGERSTOWN POLICE BRK													M .0	7	T	0	M .0	0	M .0	0						7	12.07
SHARPSBURG 5 S							M .0	–			T	0	4.9	4	T	0	T	0							4.9	M 4	27.08
ALLEGHENY PLATEAU 08																											
OAKLAND 1 SE							.6	0	T	0	13.1	–	18.5	–	17.8	–	5.0	–	1.5	–	T	0			56.5	M	45.67
DELAWARE																											
NORTHERN 01																											
NEWARK UNIVERSITY FARM	–	–		–							–	–	5.3	–											M 5.3	M	M 28.79
WILMINGTON WSO ARPT R		–		–		–		–		–		–	2.4	–	T	–	T	–	T	–		–		–	2.4	M	29.07
WILMINGTON PORTER RSVR													M 6.0	–											6.0	M	34.00
SOUTHERN 02																											
DOVER													2.5	–	T	0									2.5	M	34.91
GREENWOOD 2 NE			–	–		–							2.7	1	T	0	T	0							M 2.7	M 1	30.24
LEWES													1.5	–			M .0	0	M .0	0					1.5	M	38.39
MILFORD 2 SE				–			M .0	–					1.0	0	T	0			M .0	–					1.0	M	38.89

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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	85	85	94	92	88	91	89	88	91	88	85	81	84	77	85
		OBS						83					76				
		MIN	62	70	71	71	78	66	61	60	72	71	65	52	64	70	69
		OBS					70						53				
PRINCESS ANNE	17	MAX	91	95							99		80	84			87
		MIN	59	65							54		65	49			55
SALISBURY	17	MAX	90	95	96	99	96	92	89	92	94	93	84	86	85	82	88
		MIN	65	66	75	74	80	64	57	62	76	72	66	55	56	71	67
		OBS		49					40						67		
SALISBURY POLICE BRKS	17	MAX	93	98	101	101	98	98	89	96	97	96	84	88	89	78	92
		OBS											***				***
		MIN	66	72	77	77	79	64	60	62	75	75	68	55	55	71	68
		OBS									62	61	***				***
SALISBURY FAA ARPT	MID	MAX	89	94	96	99	95	86	90	94	95	87	79	84	84	76	89
		MIN	54	61	66	66	71	56	48	50	73	70	46	42	50	68	64
SNOW HILL 4 N	17	MAX	91	94	97	98	95	90	90	95	95	94	80	84	85	79	90
		MIN	58	67	69	71	71	58	53	54	70	73	66	47	54	70	63
CENTRAL EASTERN SHORE 02																	
ROYAL OAK 2 SSW	18	MAX	90	93	97	99	98	88	87	90	94	92	84	84	85	82	87
		MIN	69	71	76	75	78	63	58	60	77	73	63	54	66	70	63
VIENNA	18	MAX	91	96	98	101	100	90	89	94	95	93	85	86	86	88	92
		MIN	60	70	75	76	78	61	59	56	75	73	63	54	63	70	66
		OBS															
LOWER SOUTHERN 03																	
MECHANICSVILLE 5 NE	19	MAX	87	92	95	97	93	85	85	90	93	87	76	83	81	75	85
		MIN	65	65	72	74	75	60	57	56	73	72	66	49	60	67	63
OXON HILL	08	MAX	90	92	96	99	100	93	88	84	92	98	86	82	87	83	76
		MIN	68	69	72	79	81	66	61	61	73	72	63	55	61	66	65
UPPER SOUTHERN 04																	
ANNAPOLIS POLICE BRKS	17	MAX	90	96	99	99	96	88	88	92	96	88	82	85	84	82	91
		OBS		***													
		MIN	72	69	71	79	81	68	64	66	72	68	65	56	62	67	59
		OBS		***									51		74		
BALTIMORE WSO ARPT	MID	MAX	92	97	99	100	93	87	82	94	97	86	80	83	81	75	90
		MIN	69	68	75	75	73	61	60	59	71	70	57	53	62	66	62
BELTSVILLE	08	MAX	88	90	95	97	98	90	85	82	91	94	84	78	85	82	75
		OBS															
		MIN	66	68	74	74	80	60	58	58	68	71	62	54	63	65	63
DALECARLIA RESERVOIR	17	MAX	92	98	99	101	98	92	86	94	98	97	86	87	84	79	91
		MIN	71	70	75	76	78	64	63	61	74	71	62	64	67	63	66
GLENN DALE BELL STN	16	MAX	89	91	97	99	100	93	87	84	93	98	85	82	88	83	89
		OBS															74
		MIN	64	65	72	72	74	56	55	55	67	70	59	50	59	63	60
LAUREL 3 W	MID	MAX	92	98	100	100	94	89	84	92	95	85	80	85	82	76	89
		MIN	69	72	78	78	78	63	66	65	69	70	61	58	63	64	65
MD SCI CTR BALTIMORE	MID	MAX	91	96	100	101	90	87	82	94	99	86	80	85	83	77	92
		MIN	71	84	81	83	73	68	69	68	72	70	64	64	68	68	68
UPPER MARLBORO 3 NNW	08	MAX	89	91	95	99	101	93	87	85	92	97	86	80	85	82	75
		MIN	66	67	73	76	76	61	57	56	65	72	63	51	62	66	63
NORTHERN EASTERN SHORE 05																	
CHESTERTOWN	23	MAX	94	98	103	104	95	90	86	93	98	89	83	87	88	77	92
		MIN	65	67	75	74	71	60	59	59	68	68	58	52	60	64	62
NORTHERN CENTRAL 06																	
ABERDEEN PHILLIPS FLD	16	MAX	90	94	99	99	99	88	85	89	96	96	86	82	83	80	88
		OBS				***	88	***	***						***	***	
		MIN	67	70	75	76	79	62	61	60	77	71	62	53	61	66	62
		OBS				***		***	***						***	***	
CATOCTIN MOUNTAIN PARK	17	MAX	85	90	91	92	88	81	78	86	87	89	77	78	75	70	83
		OBS															
		MIN	67	71	74	73	70	57	61	57	66	67	55	55	61	59	62
		OBS								66							
CLARKSVILLE 3 NNE	17	MAX	91	96	99	101	93	87	82	90	94	86	80	84	81	74	88
		MIN	62	66	71	71	74	57	54	55	66	68	55	49	56	64	59
		OBS					65										
CONOWINGO DAM	07	MAX	92	93	100	102	102	92	88	86	94	100	90	83	89	81	84
		OBS												***			
		MIN	66	69	70	72	74	64	60	60	70	70	60	54	55	58	62
		OBS									60			***			
DAMASCUS 3 SSW	22	MAX	88	91	93	94	87	84	80	88	90	80	76	81	74	70	86
		MIN	67	72	73	70	73	59	56	60	70	66	57	52	60	61	60
EMMITSBURG 2 SE	17	MAX	88	93	95	96	96	86	83	90	94	91	82	81	80	76	88
		MIN	63	67	76	69	71	54	51	54	66	69	52	47	53	63	59
FREDERICK POLICE BRKS	17	MAX															

DAILY TEMPERATURES (°F)

STATION	DAY OF MONTH																AVERAGE
	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
MARYLAND																	
SOUTHERN EASTERN SHORE 01																	
ASSATEAGUE	86	90	88	88	86	84	86	88	90	78	76	85	90	100	96	90	87.2
	95								80								
	65	70	76	75	74	73	66	75	72	69	68	71	73	77	80	72	69.6
PRINCESS ANNE	94	95	86	95					94		82				98	96	M
	71	60	68	74					61		59				65	72	M
SALISBURY	93	96	96	94	94	90	94	92	92	79	77	85	94	98	95	94	91.1
	73	65	76	78	75	70	69	78	73	69	63	67	74	79	77	76	69.9
			66														
SALISBURY POLICE BRKS	93	97	96	98	93	92	97	96	94	77	77	89	97	96	96	95	92.9
	66	65	77	77	74	69	68	79	73	70	63	68	77	80	79	74	70.4
SALISBURY FAA ARPT	94	96	94	94	91	88	95	92	81	78	73	83	94	97	94	93	89.5
	58	55	69	73	66	61	58	72	71	62	58	66	68	73	70	67	62.3
SNOW HILL 4 N	94	95	96	95	93	86	93	94	86	79	77	86	94	97	96	94	90.7
	71	59	69	75	73	63	62	75	71	69	60	65	70	71	76	70	65.9
CENTRAL EASTERN SHORE 02																	
ROYAL OAK 2 SSW	93	94	93	93	92	91	94	93	90	81	78	85	94	96	93	94	90.5
	74	61	74	74	74	72	71	78	72	69	62	68	72	79	79	73	69.9
VIENNA	95	97	97	96	94	89	96	91	89	83	78	86	96	98	99	96	92.4
	69	63	74	76	75	72	68	77	72	71	61	68	73	86	84	72	69.7
				88	84							58	56				
LOWER SOUTHERN 03																	
MECHANICSVILLE 5 NE	91	94	92	90	88	89	94	95	82	82	75	82	93	95	91	91	88.0
	67	61	70	73	71	69	68	75	71	70	66	68	71	71	73	71	67.4
OXON HILL	91	93	95	93	93	92	92	97	98	84	80	72	84	96	96	93	90.2
	70	66	73	73	74	71	70	73	71	70	68	66	72	74	74	76	69.5
UPPER SOUTHERN 04																	
ANNAPOLIS POLICE BRKS	94	99	96	94	90	96	95	98	91	80	78	85	92	100	96	94	91.4
					***		***		82								
	73	71	73	74	72	76	70	70	70	66	62	60	74	80	78	78	69.9
					***		***						83				
BALTIMORE WSO ARPT	92	93	91	91	92	88	96	97	82	79	71	84	95	95	92	94	89.3
	68	62	75	74	70	72	71	73	69	68	60	68	73	76	73	73	67.9
BELTSVILLE	88	91	92	91	89	90	88	95	96	82	79	70	83	93	95	91	88.0
							22										
	69	64	73	72	71	70	69	74	69	70	67	64	70	74	73	75	68.0
DALECARLIA RESERVOIR	94	96	95	93	93	93	97	97	95	84	80	86	98	97	96	94	92.6
	74	65	73	78	73	71	72	77	69	68	69	67	73	73	75	73	70.2
GLENN DALE BELL STN	90	92	97	94	93	92	89	96	97	82	81	83	94	95	97	93	91.1
												72	84				
	67	61	70	71	69	70	67	75	68	69	66	64	70	73	72	70	65.9
LAUREL 3 W	92	94	93	92	91	87	96	95	82	79	72	85	95	95	92	94	89.5
	70	70	77	74	70	71	70	71	68	67	60	67	73	76	76	74	69.5
MD SCI CTR BALTIMORE	92	96	94	93	91	91	95	100	83	82	74	85	96	97	93	95	90.3
	74	74	80	78	74	75	73	74	70	69	61	69	75	80	80	78	72.7
UPPER MARLBORO 3 NNW	90	92	95	94	93	91	88	96	96	83	81	71	85	96	97	93	89.6
	70	63	71	72	72	70	69	74	70	69	65	64	70	75	76	73	67.6
NORTHERN EASTERN SHORE 05																	
CHESTERTOWN	95	97	94	96	96	93	96	97	81	81	75	90	96	99	96	98	92.2
	69	61	73	72	68	68	66	69	66	64	57	64	70	73	73	69	65.9
NORTHERN CENTRAL 06																	
ABERDEEN PHILLIPS FLD	91	94	94	92	90	90	94	94	94	80	80	85	94	97	97	94	90.8
					***	***											
	70	62	75	73	70	71	68	77	69	69	64	68	73	73	74	69	68.6
			62		***	***											
CATOCTIN MOUNTAIN PARK	87	89	83	86	84	86	90	90	77	75	72	80	87	88	86	90	83.9
	95																
	65	66	73	69	66	67	67	69	62	63	56	62	69	75	74	69	65.4
CLARKSVILLE 3 NNE	92	92	91	90	92	87	95	96	84	81	69	84	93	94	92	95	88.8
	64	60	69	71	67	67	65	71	67	68	59	66	70	75	71	68	64.7
CONOWINGO DAM	94	94	99	98	98	95	95	91	97	88	86	76	86	97	100	98	92.5
	64	66	74	72	74	72	68	71	70	68	66	63	68	74	74	70	67.0
			65														
DAMASCUS 3 SSW	88	90	88	87	86	87	93	92	79	77	66	80	90	91	88	91	85.0
	64	62	70	70	66	70	69	70	64	66	58	66	69	74	74	69	65.7
EMMITSBURG 2 SE	90	93	92	90	89	92	94	95	83	83	83	82	92	93	92	93	88.9
	66	58	75	69	65	66	65	65	64	69	59	66	66	78	74	66	64.0
FREDERICK POLICE BRKS																	M

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
		MIN															
MILLERS 4 NE	18	MAX	88	94	95	96	94	83	78	89	92	88	80	80	79	76	87
		MIN	63	67	73	72	75	55	56	55	69	68	50	50	56	62	60
ROCKVILLE 1 NE	MID	MAX	91	95	98	98	88	85	81	90	94	83	78	84	85	76	88
		OBS														85	
		MIN	68	72	72	72	70	60	58	59	72	71	60	53	63	63	65
		OBS	78												52	52	
SMITHSBURG 2 NW	08	MAX	92	96	100	100	102	92	90	88	94	96	86	84	87	79	80
		OBS															
		MIN	65	68	72	69	70	55	54	58	62	68	56	49	59	63	60
APPALACHIAN MOUNTAIN 07																	
CUMBERLAND 2	18	MAX	91	96	97	99	95	87	86	96	94	85	80	84	81	72	90
		MIN	66	70	69	70	59	56	56	59	70	68	50	50	60	62	63
		OBS										58					
CUMBERLAND POLICE BRK	17	MAX	89	93	94	95	95	84	82	94	92	92	77	82	79	79	87
		MIN	63	68	68	67	67	55	53	55	66	65	55	47	57	56	60
FROSTBURG 2	07	MAX	82	83	87	86	88	79	79	79	88	85	77	72	79	70	66
		OBS															
		MIN	58	62	69	68	64	54	53	55	64	59	51	49	50	58	59
		OBS									56						
HAGERSTOWN POLICE BRK	17	MAX	89	93	96	96	95	89	85	92	95	83	79	82	80	77	90
		MIN	66	68	72	69	76	58	55	56	71	69	57	50	60	63	62
		OBS						75			58						
SHARPSBURG 5 S	07	MAX	87	90	95	96	97	89	85	83	91	95	84	78	83	75	78
		OBS															
		MIN	60	64	67	68	70	54	54	53	67	67	52	47	50	64	61
		OBS									56						
ALLEGHENY PLATEAU 08																	
OAKLAND 1 SE	17	MAX	82	87	86	87	84	76	78	86	84	77	74	75	74	71	80
		MIN	59	67	67	61	65	55	46	51	64	65	54	44	58	62	61
SAVAGE RIVER DAM	08	MAX	88	93	91	99	91	84	84	84	95	94	78	78	82	70	79
		OBS			100												66
		MIN	60	64	70	66	66	54	52	52	65	66	55	46	59	58	63
		OBS									57				47		
DELAWARE																	
NORTHERN 01																	
NEWARK UNIVERSITY FARM	17	MAX	93	95	96	97	98	94	83	92	97	95	92	84	82	82	91
		OBS														91	
		MIN	63	67	69	74	72	61	58	59	68	64	53	58	58	61	60
		OBS													68		
WILMINGTON WSO ARPT	MID	MAX	88	94	96	96	87	85	83	89	94	85	79	81	78	76	87
		MIN	67	72	76	75	68	60	60	60	71	66	58	56	63	67	63
WILMINGTON PORTER RSVR	MID	MAX	88	93	94	95	84	82	82	89	93	83	77	82	81	75	87
		OBS										93					
		MIN	67	71	76	77	70	62	63	61	71	68	60	59	63	66	66
		OBS								91							
SOUTHERN 02																	
DOVER	16	MAX	89	93	95	96	95	85	84	90	93	92	84	82	83	78	86
		MIN	66	70	76	76	79	64	59	62	74	72	63	55	60	62	65
GREENWOOD 2 NE	07	MAX	87	91	96	97	100	92	86	87	93	96	84	79	85	87	76
		MIN	62	67	70	72	76	59	53	57	71	72	62	50	58	60	64
		OBS									59						
LEWES	17	MAX	88	94	94	98	97	86	86	88	95	92	81	81	80	77	85
		OBS											96				
		MIN	66	71	71	71	81	69	57	63	75	74	63	57	63	70	67
		OBS							65		63	65					
MILFORD 2 SE	07	MAX	89	92	97	99	100	91	86	86	94	96	86	80	85	85	78
		MIN	62	66	71	74	77	64	56	59	72	72	66	51	52	69	64
		OBS									62						

DAILY TEMPERATURES (°F)

STATION	DAY OF MONTH																AVERAGE
	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
																	M
MILLERS 4 NE	88	93	90	90	88	87	92	93	84	80	75	80	90	92	90	92	87.2
	68	60	72	70	67	68	68	71	65	65	60	65	70	75	74	67	65.0
ROCKVILLE 1 NE	91	92	90	88	88	88	96	95	83	77	70	82	94	94	94	91	88.0
	72	66	76	74	71	70	72	69	68	69	63	67	73	77	74	75	68.2
SMITHSBURG 2 NW	93	95	96	92	92	94	95	98	98	86	84	74	89	96	95	93	91.5
	82																
	64	60	72	70	67	66	70	72	62	65	60	62	70	75	76	67	64.7
APPALACHIAN MOUNTAIN 07																	
CUMBERLAND 2	92	94	92	87	92	92	95	94	83	74	70	86	93	93	92	94	88.9
	61	62	69	68	64	66	68	70	67	65	64	67	70	75	69	70	64.6
CUMBERLAND POLICE BRK	89	91	91	88	88	91	91	93	84	72	69	84	90	91	91	92	87.4
	70	58	72	67	67	60	63	67	68	64	67	66	69	73	72	67	63.6
FROSTBURG 2	81	82	87	79	87	82	86	88	87	73	65	66	78	84	85	81	80.4
				87													
	59	60	60	65	65	59	61	65	64	63	62	62	65	72	69	65	60.9
HAGERSTOWN POLICE BRK	91	92	92	89	86	89	93	94	90	81	78	84	92	93	92	93	88.7
	69	61	71	69	67	70	71	71	65	69	62	66	71	73	73	69	66.1
SHARPSBURG 5 S	88	92	92	90	88	89	91	94	94	80	76	69	87	93	93	91	87.5
																***	
	62	58	69	69	68	67	68	70	66	66	64	63	67	70	69	66	63.2
			59													***	
ALLEGHENY PLATEAU 08																	
OAKLAND 1 SE	82	84	83	79	81	83	87	84	75	72	78	78	84	84	83	83	80.7
	59	59	67	64	66	60	59	65	62	64	62	64	70	73	69	64	61.5
SAVAGE RIVER DAM	88	92	94	90	89	89	95	90	95	80	68	72	81	91	93	85	86.5
										70							
	61	61	62	66	67	61	62	64	63	65	65	65	67	71	70	66	62.3
DELAWARE																	
NORTHERN 01																	
NEWARK UNIVERSITY FARM	96	97	96	98	96	99	98	97	82	83	83	91	95	97	99	98	92.8
											92						
	59	58	72	72	70	66	69	67	66	62	60	69	71	71	73	68	65.1
			58								68						
WILMINGTON WSO ARPT	88	92	92	91	89	84	90	95	78	81	74	82	92	97	95	94	87.5
	68	61	74	71	69	72	69	71	68	66	65	67	72	77	74	68	67.5
WILMINGTON PORTER RSVR	87	92	90	91	86	86	90	94	75	78	72	82	89	94	90	92	86.2
	73	68	74	72	70	71	69	72	68	66	64	65	65	77	76	73	68.5
														65			
SOUTHERN 02																	
DOVER	88	93	93	92	93	87	93	93	91	72	78	78	91	93	93	90	88.5
	72	65	74	76	72	70	69	76	71	66	65	66	70	78	77	74	69.2
GREENWOOD 2 NE	89	91	95	93	96	90	89	94	91	79	75	73	83	94	95	91	88.8
	68	60	72	74	72	69	65	67	69	65	61	63	70	72	74	71	66.0
	59		62														
LEWES	89	93	93	94	84	82	92	95	91	79	74	84	91	97	97	93	88.7
										91							
	74	65	78	73	73	71	69	76	70	66	66	67	72	79	78	74	70.0
MILFORD 2 SE	90	92	96	93	94	90	88	96	96	79	78	76	84	93	96	92	89.6
	65	61	74	74	73	68	65	76	72	68	63	65	70	74	76	72	67.5
			61					66									

MONTHLY AND SEASONAL HEATING DEGREE DAYS

STATION	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	TOTAL	SEASONAL NORM
MARYLAND														
SOUTHERN EASTERN SHORE 01														
ASSATEAGUE	1	0	22	157	317	563B	705	614	526	256	108	8	B 3277	4266
PRINCESS ANNE										260B			M	4198
SALISBURY	2	0	37	194	320	538	690	558	449	211	89	1	3089	3936
SALISBURY POLICE BRKS							701	573	445	207	86	2	M 2014	
SALISBURY FAA ARPT	11	0	95	333	470	685	803	720	584	321	173	16	4211	4254
SNOW HILL 4 N	2	0	49	244	361	580	723	615	493	253	124	6	3450	4008
CENTRAL EASTERN SHORE 02														
ROYAL OAK 2 SSW	0	0	49	193	341	577	715	593	488	223	94	1	3274	3967
VIENNA	0B	0B	27B		321B	582B	718	596	475	227	92	1	M 3039	4073
LOWER SOUTHERN 03														
MECHANICSVILLE 5 NE	4	0	80	269	382	623	752	629	514	239	133	3	3628	4299
OXON HILL												1	M	
UPPER SOUTHERN 04														
ANNAPOLIS POLICE BRKS	0	0	21	259	335	610B	697	643	474	240	107	0B	B 3386	4695
BALTIMORE WSO ARPT R	2	0	76	289	424	706	795	715	612	302	154	3	4078	4720
BELTSVILLE	3	0	65	286	434	686	821	697	616	299	144	3	4054	4707
DALECARLIA RESERVOIR	0	0	48	231	342	618	735	593	500	231	88	0	3386	4382
GLENN DALE BELL STN	5	0	89	324	471	731	853	716	642	282	160	2	4275	4970
LAUREL 3 W	0	0	52	238	344	634	755	686	592	272	117	0	3690	4505
MD SCI CTR BALTIMORE R	0	0	41	190	298	604	711	622	554	245	95	1B	B 3361	
UPPER MARLBORO 3 NNW	4	0	76	286	438	681	790	698	613	288	137	4	4015	4785
NORTHERN EASTERN SHORE 05														
CHESTERTOWN	2	0	66	241	400	682	806	697	602	297		3	M 3796	4559
NORTHERN CENTRAL 06														
ABERDEEN PHILLIPS FLD		0B		240B				653B		271B	115B		M 1279	4459
CATOCTIN MOUNTAIN PARK	12	0	87	278	415	799	832	755	657	371	172	10	4388	5370
CLARKSVILLE 3 NNE	4							730	642	321	154	4	M 1855	4997
CONOWINGO DAM	0B	0B	58B	242B	486B	636B	839	717	621B	304	151	5	B 4059	5044
DAMASCUS 3 SSW	9	0	89B	307B	438	741	830	725	652B	330	168	7	B 4296	
EMMITSBURG 2 SE	4	0	80B	305	454	756	825	733B	630	325	166	5	B 4283	5032
FREDERICK POLICE BRKS	0	0	56	238	368	678	741	627	558	258	117	0	3641	4430
MILLERS 4 NE	7	0	83	280	421	730	832	708	637	340	163	7	4208	5162
ROCKVILLE 1 NE	1	0	71	267	398	700	762	682	605	281	136	0	3903	4990
SMITHSBURG 2 NW						772	889	773	704	370	201	1	M 3710	
APPALACHIAN MOUNTAIN 07														
CUMBERLAND 2	3	0	81	305	437	784	772	749	640	304	175	2	4252	5191
CUMBERLAND POLICE BRK	6	0	104	352B	478	806	845	728	668	325	188	7	B 4507	
FROSTBURG 2	49	3	177	439	563	897	991	901	851	459	313	40	5683	6775
HAGERSTOWN POLICE BRK		0	69	283	385	690	781	669	581	276	158	0	M 3892	
SHARPSBURG 5 S	7	0	99	319B	488	763	864	746	677	339	219	5	B 4526	
ALLEGHENY PLATEAU 08														
OAKLAND 1 SE	51	9	192	464	561	849	977	879	757	406	278	38	5461	6368
SAVAGE RIVER DAM	32	0	159	422B	578	856	943	878	831	432	280	33	B 5444	6375
DELAWARE														
NORTHERN 01														
NEWARK UNIVERSITY FARM		0	44	257	386		792	666	589	295	121	0	M 3150	4746
WILMINGTON WSO ARPT R	1	0	73	271	418	691	836	712	633	324	159	7	4125	4888
WILMINGTON PORTER RSVR	2	0	74	268	399	699	841	706	648	321	154	10	4122	5110
SOUTHERN 02														
DOVER	0	0	59	214	375	621	751	623	527	276	117	3	3566	4212
GREENWOOD 2 NE	3		62	269	392	636	767	696	599	291	155	12	M 3882	4816
LEWES	0	0	31	190	329B	541	676	563	490	233	101	4	B 3158	4098
MILFORD 2 SE	3B	0	59	286B	410B	667B	769	669		290	147	9	M 3309	4622

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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	75	38	31	*	100	87	*	86	47	59	66	43	*	*	81
	EVAP	49	29	26	*	74	49	*	56	30	30	23	30	*	*	47
	MAX	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
	MIN	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
UPPER MARLBORO 3 NNW	WIND	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
	EVAP	42	28	25	*	49	*	*	90	28	30	22	27	*	*	56
	MAX	96	98	101	102	104	97	92	87	92	98	89	88	92	84	80
	MIN	68	69	70	76	76	63	62	61	63	68	60	58	59	65	68

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	46	57	*	60	*	*	127	83	82	35	55	28	*	53	64	–	1450B
	23	36	*	45	*	*	72	32	35	11	17	–	*	31	32	–	8.30B
	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	M
	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	M
UPPER MARLBORO 3 NNW	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	M
	27	33	30	18	*	*	69	35	29	13	20	*	*	40	27	31	7.69
	96	95	99	96	98	97	93	96	97	87	89	77	89	99	99	96	93.6
	69	68	69	74	73	72	69	71	72	70	66	66	70	75	75	73	68.3

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 LOCAL STD TIME TEMP	PRECIP	EVAP	SPECIAL SEE (NOTES)	OBSERVER
MARYLAND											
MARYLAND											
ABERDEEN PHILLIPS FLD	0015	06	HARFORD	39 28	76 10W	57	16	16		C H	US ARMY ABERDEEN TEST CT
ANNAPOLIS POLICE BRKS	0193	04	ANNE ARUNDEL	39 0	76 30W	25	17	17		H	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	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	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 36	77 44W	560	17	17		H	MARYLAND STATE POLICE
LAUREL 3 W	5111	04	PRINCE GEORG	39 5	76 54W	400	MID	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	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.

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Rocket Center, WV 26726

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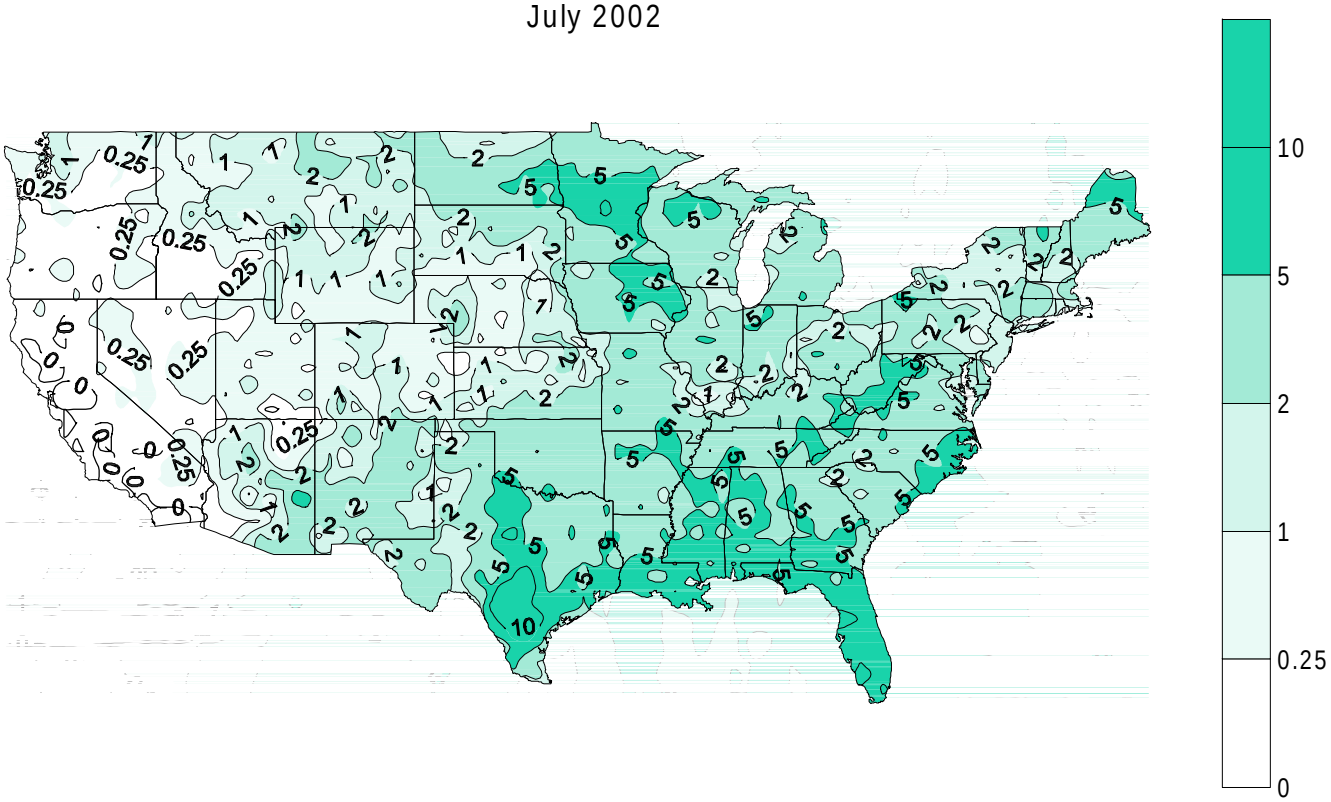
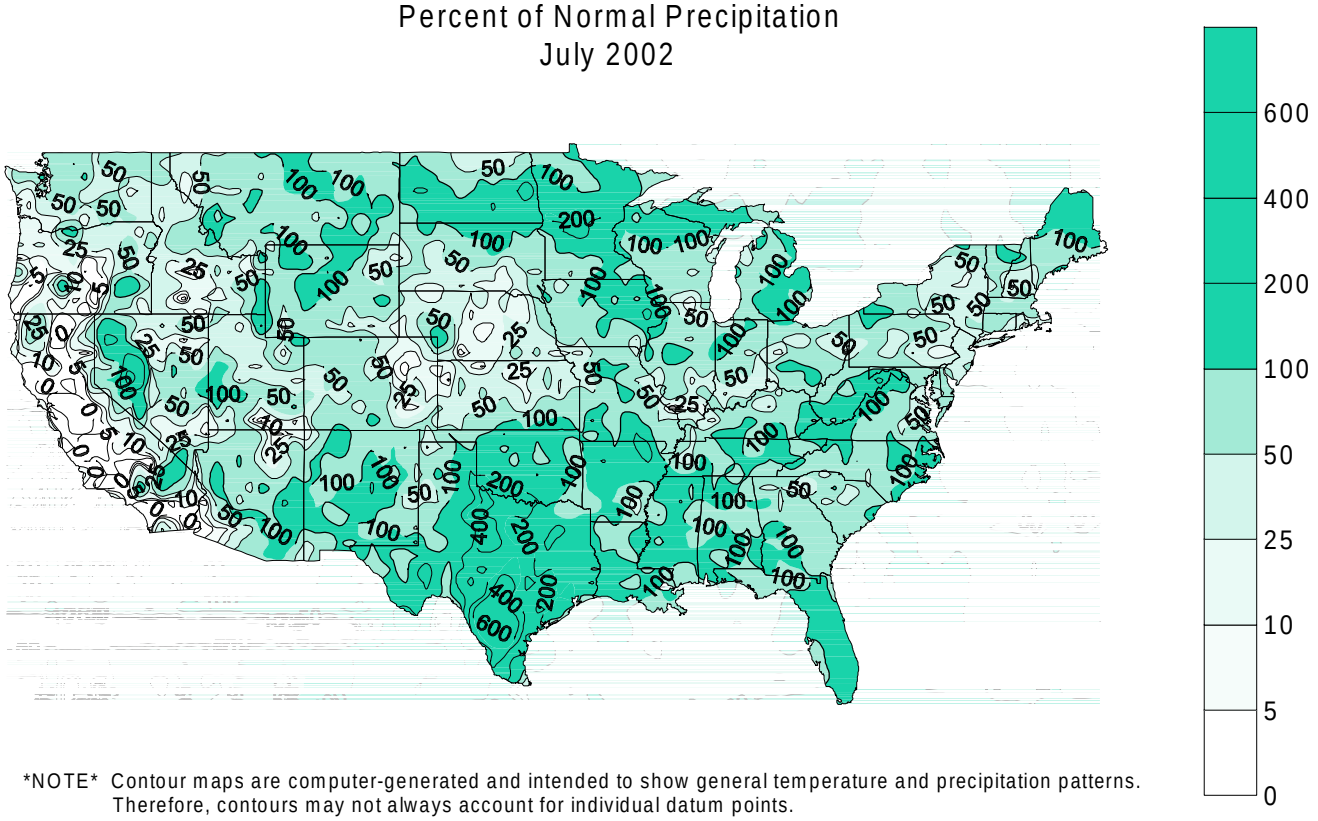
Fax number: (304) 726–4409

Total Precipitation (Inches)
July 2002



Percent of Normal Precipitation
July 2002

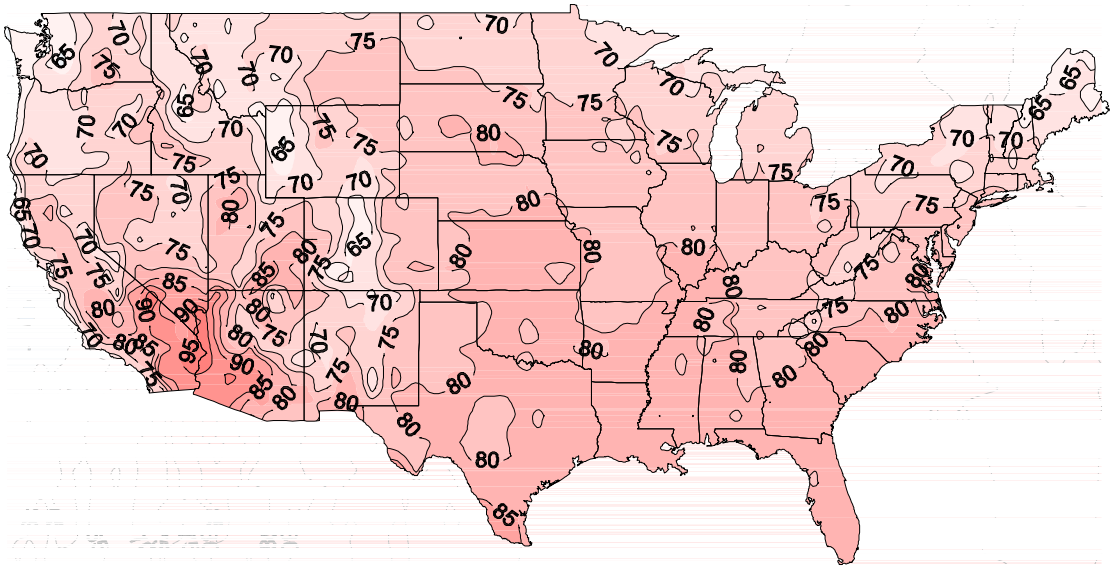


NOTE Contour maps are computer-generated and intended to show general temperature and precipitation patterns. Therefore, contours may not always account for individual datum points.

National Climatic Data Center, NOAA

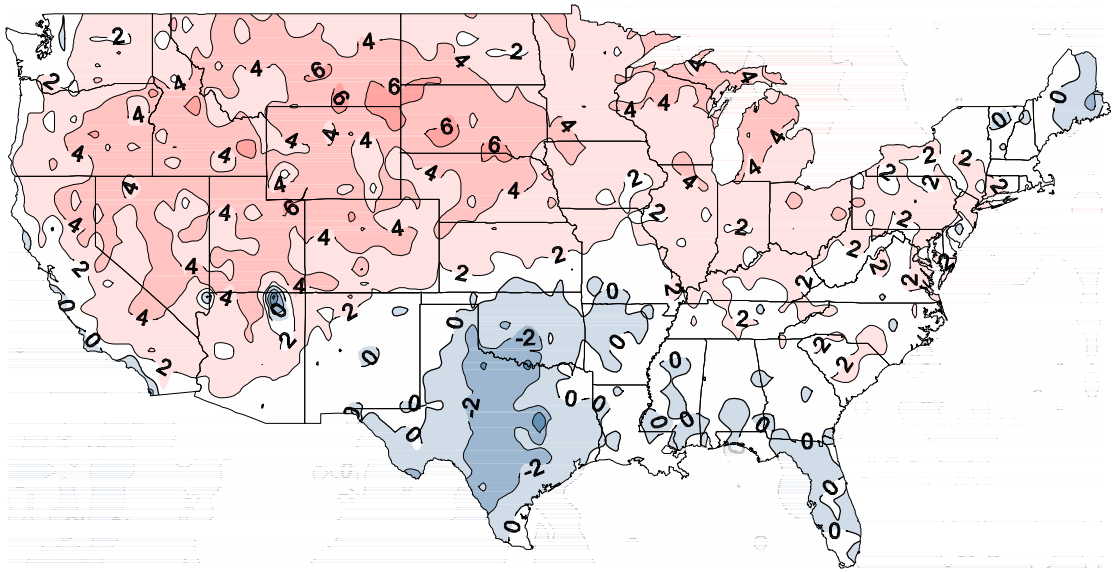
Average Temperature (Degrees F)

July 2002



Departure of Average Temperature from Normal (Degrees F)

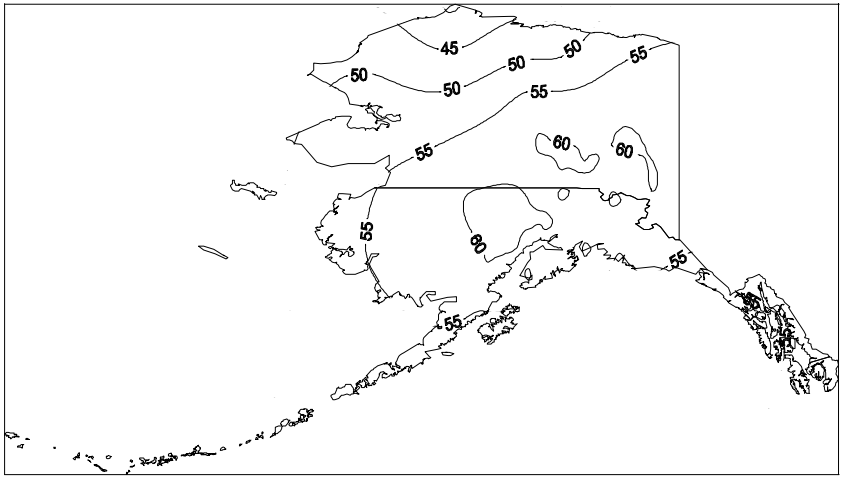
July 2002



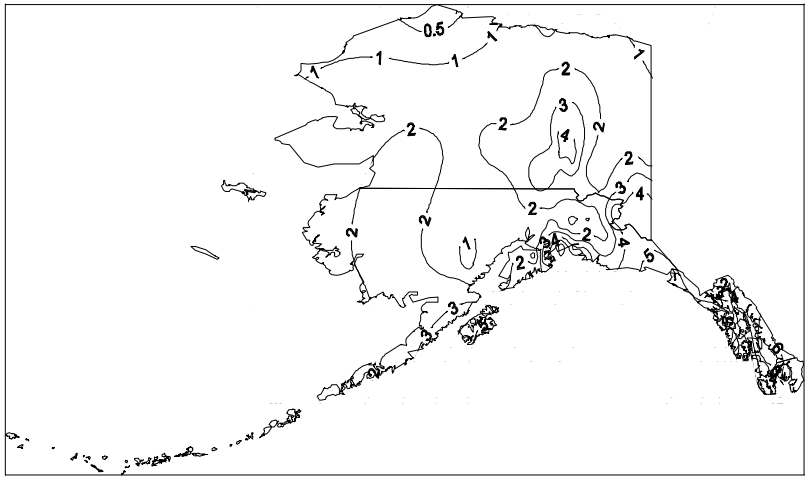
NOTE Contour maps are computer-generated and intended to show general temperature and precipitation patterns. Therefore, contours may not always account for individual datum points.

National Climatic Data Center, NOAA

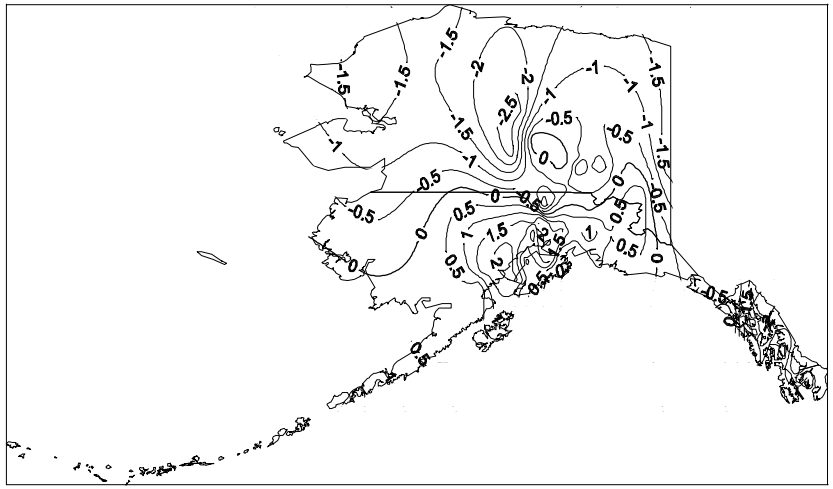
Average Temperature (Degrees F)
July 2002



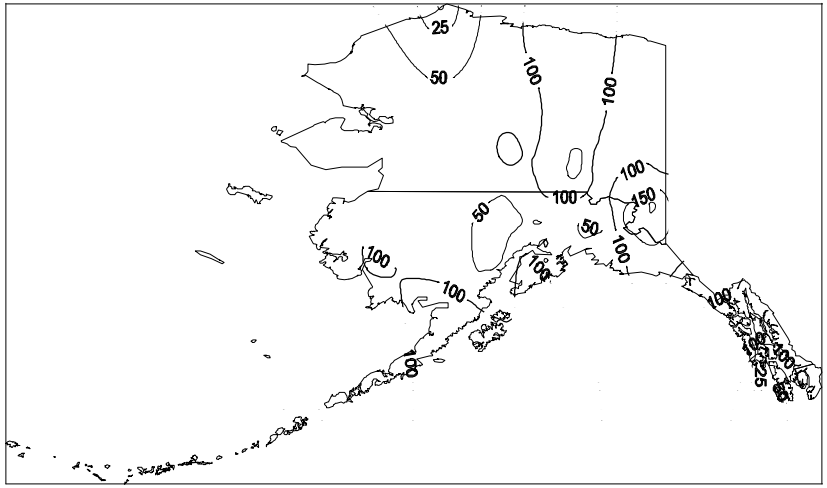
Alaska Precipitation (Inches)
July 2002



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

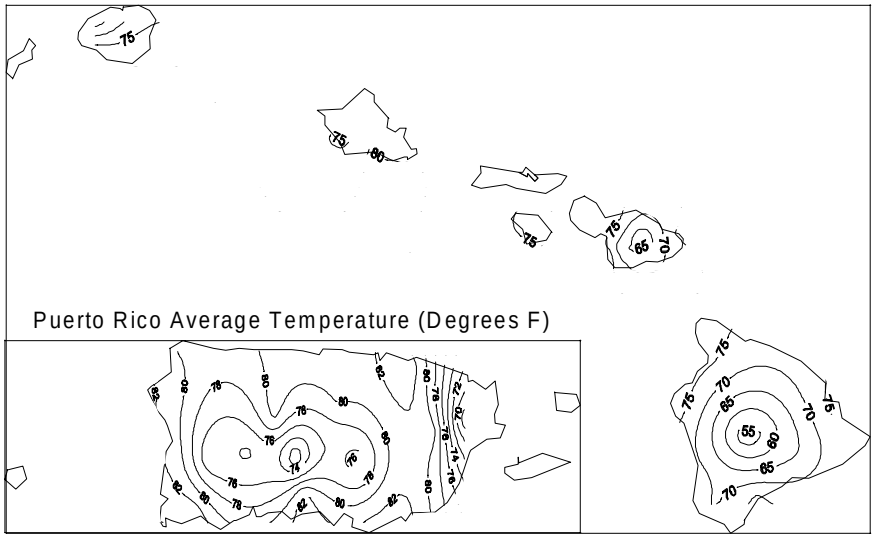


Percent of Normal Precipitation
July 2002

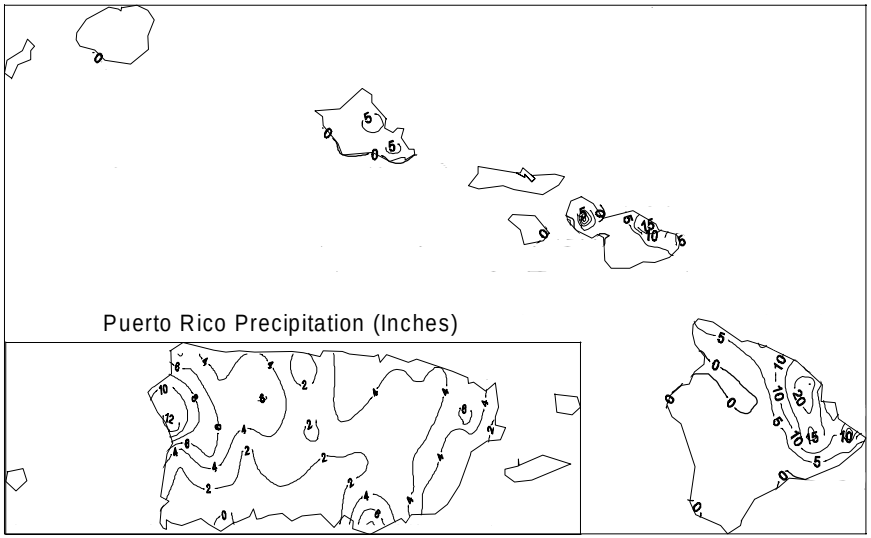


National Climatic Data Center, NOAA

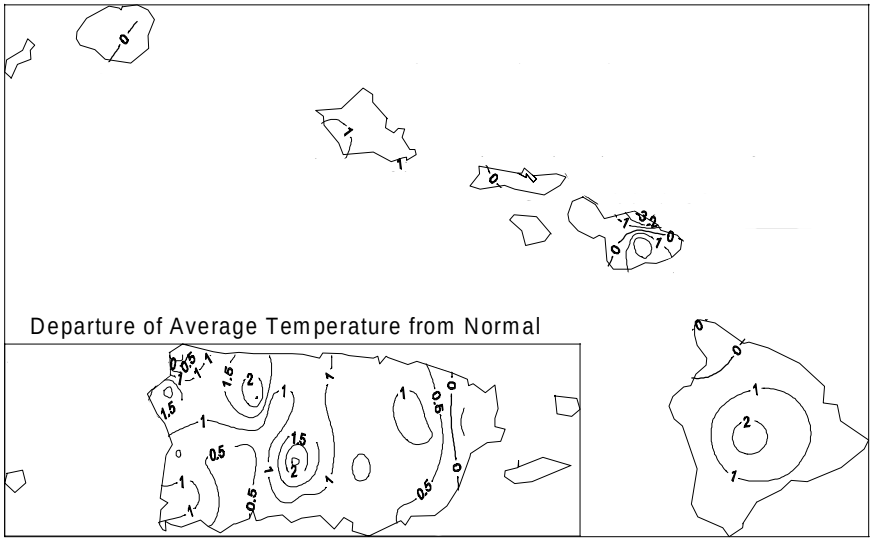
Hawaii Average Temperature (Degrees F)
July 2002



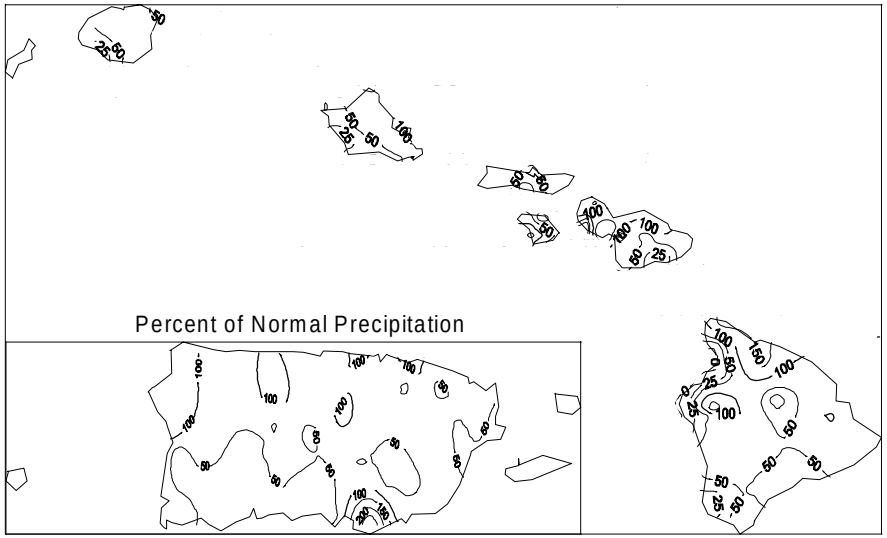
Hawaii Precipitation (Inches)
July 2002



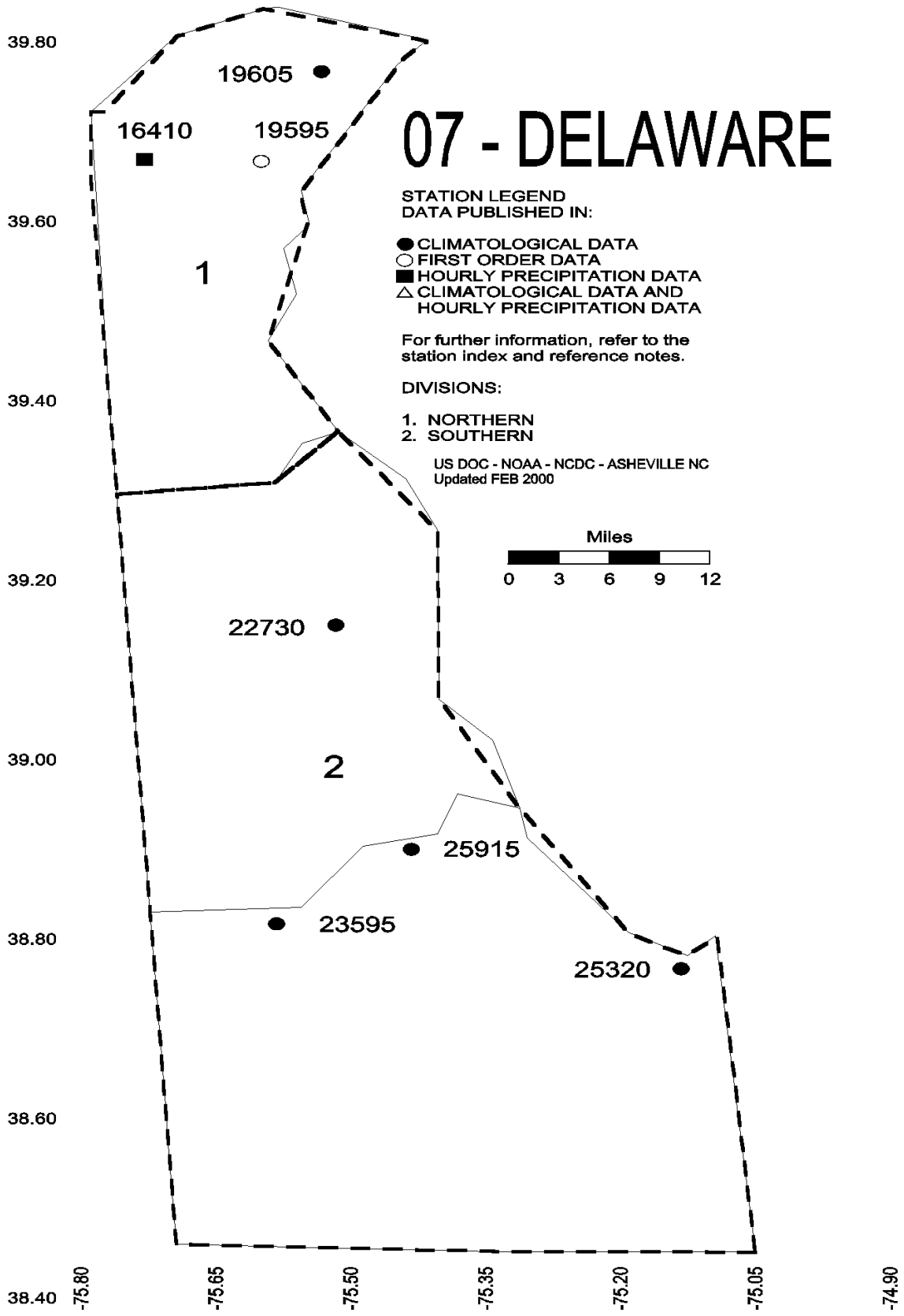
Departure of Average Temperature from Normal (Degrees F)
July 2002



Hawaii Percent of Normal Precipitation
July 2002



National Climatic Data Center, NOAA


07 - DELAWARE
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HOURLY PRECIPITATION DATA
CLIMATOLOGICAL DATA AND HOURLY PRECIPITATION DATA
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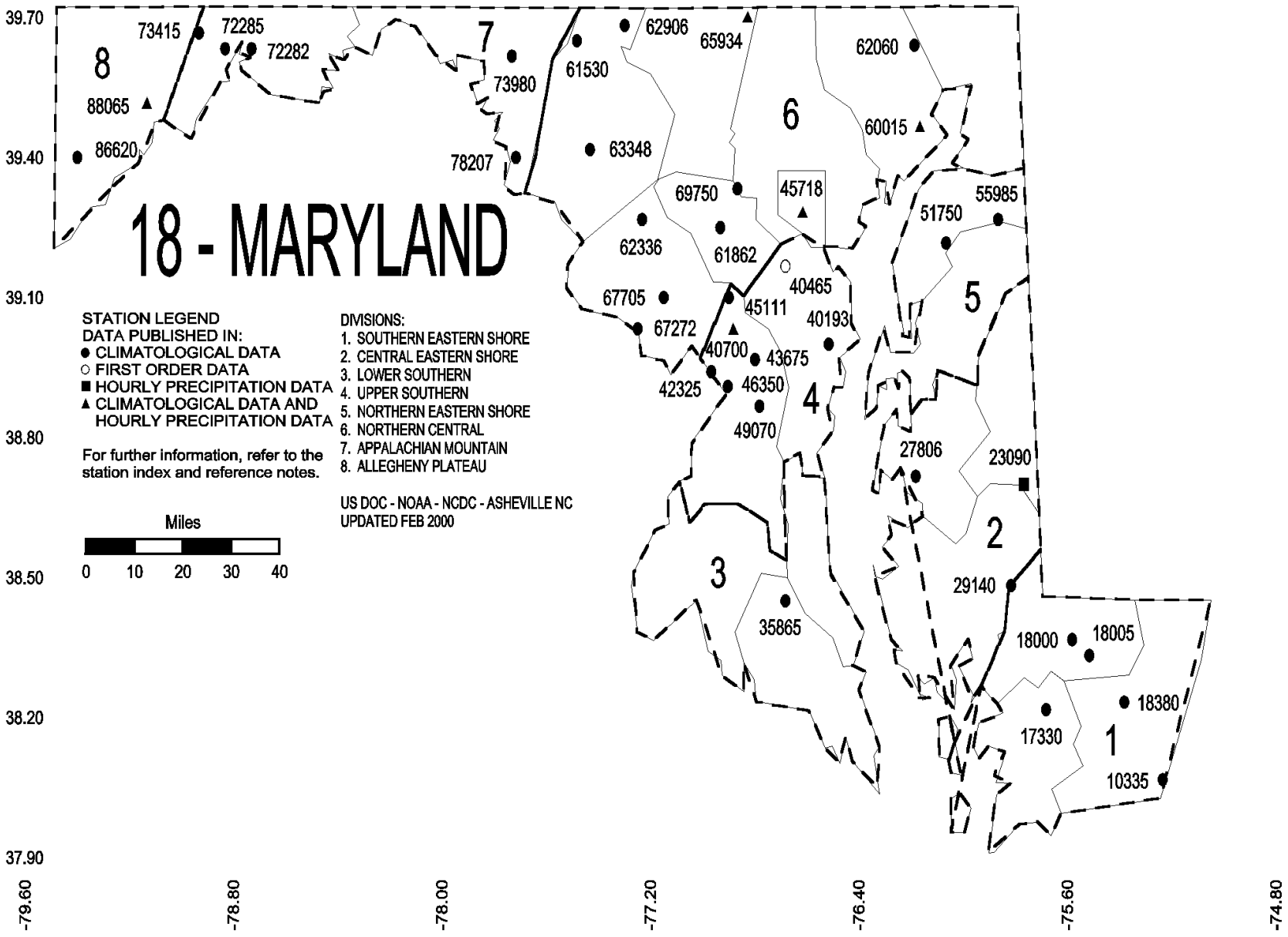
DIVISIONS:
1. NORTHERN
2. SOUTHERN
US DOC - NOAA - NCDC - ASHEVILLE NC
Updated FEB 2000
Miles
0 3 6 9 12
19605
16410
19595
1
22730
2
25915
23595
25320
39.80
39.60
39.40
39.20
39.00
38.80
38.60
38.40
-75.80
-75.65
-75.50
-75.35
-75.20
-75.05
-74.90


18 - MARYLAND
STATION LEGEND
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○ FIRST ORDER DATA
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For further information, refer to the station index and reference notes.
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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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