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MARYLAND AND DELAWARE

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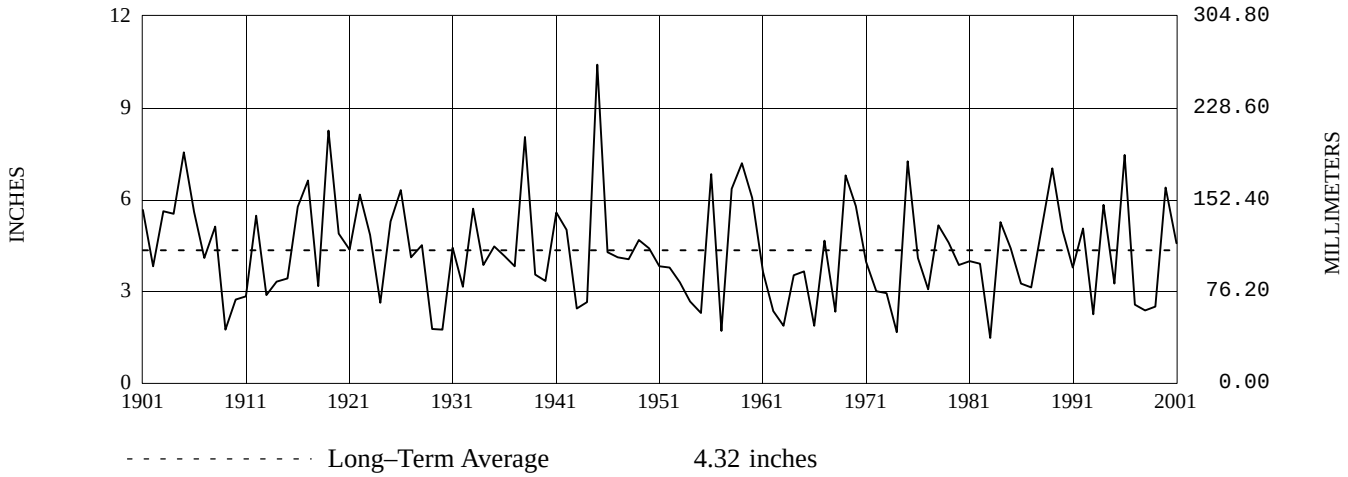

MARYLAND AND DELAWARE PRECIPITATION JULY, 1901–2001

TEMPERATURE AND PRECIPITATION EXTREMES

MARYLAND			
HIGHEST TEMPERATURE	96	JULY 25+	3 STATIONS
LOWEST TEMPERATURE	42	JULY 2	OAKLAND 1 SE
GREATEST TOTAL PRECIPITATION	9.25		OAKLAND 1 SE
LEAST TOTAL PRECIPITATION	1.15		2 STATIONS
GREATEST 1 DAY PRECIPITATION	3.12	JULY 26	OAKLAND 1 SE

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TEMPERATURE AND PRECIPITATION EXTREMES

DELAWARE

HIGHEST TEMPERATURE	93	JULY 25+	3 STATIONS	
LOWEST TEMPERATURE	50	JULY 3	GREENWOOD 2 NE	
GREATEST TOTAL PRECIPITATION	7.44		LEWES	
LEAST TOTAL PRECIPITATION	2.35		WILMINGTON WSO ARPT	R
GREATEST 1 DAY PRECIPITATION	2.27	JULY 27	LEWES	

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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	83.1	65.2	74.2		94	10	49	3	1	294	7	0	0	0
PRINCESS ANNE	M	M	M		96	2	47	3			7	0	0	0
SALISBURY	83.0	61.6	72.3	-4.6	90	17+	46	7	2	234	3	0	0	0
SALISBURY FAA ARPT	82.4	59.0	70.7	-6.0	93	17	45	3	11	196	2	0	0	0
SNOW HILL 4 N	84.4	61.9	73.2	-2.6	92	17	48	3	2	265	4	0	0	0
--DIVISIONAL DATA------->			72.6	-4.0										
CENTRAL EASTERN SHORE 02														
ROYAL OAK 2 SSW	84.3	66.0	75.2	-2.3	91	17	52	3	0	323	4	0	0	0
VIENNA	86.9	64.3M	75.6M	-2.2	94	10	53	20+	0	334	14	0	0	0
--DIVISIONAL DATA------->			75.4	-2.0										
LOWER SOUTHERN 03														
MECHANICSVILLE 5 NE	81.2	63.0	72.1	-4.1	88	25+	51	3	4	232	0	0	0	0
--DIVISIONAL DATA------->			72.1	-4.5										
UPPER SOUTHERN 04														
ANNAPOLIS POLICE BRKS	85.8	65.5	75.7	-1.9	92	25+	56	6	0	336	9	0	0	0
BALTIMORE WSO ARPT R	83.3	62.2	72.8	-4.2	92	25+	50	3	2	249	7	0	0	0
BELTSVILLE	83.1	62.4	72.8	-2.8	92	1	52	3	3	249	5	0	0	0
DALECARLIA RESERVOIR	85.8	64.2	75.0	-2.2	95	24	54	3	0	320	8	0	0	0
GLENN DALE BELL STN	83.9	60.5	72.2	-3.3	93	25	49	3	5	239	5	0	0	0
LAUREL 3 W	84.1	71.0	77.6	.6	93	25+	60	29	0	397	6	0	0	0
MD SCI CTR BALTIMORE R	84.7	68.4	76.6		94	24+	60	2	0	366	9	0	0	0
NATIONAL ARBORETUM DC	87.4	64.3	75.9	-1.1	96	25+	55	21+	0	345	9	0	0	0
UPPER MARLBORO 3 NNW	83.2	61.6	72.4	-2.9	93	1	51	3	4	239	5	0	0	0
--DIVISIONAL DATA------->			74.6	-2.0										
NORTHERN EASTERN SHORE 05														
CHESTERTOWN	84.3	63.7	74.0	-2.8	92	25+	55	3	2	286	8	0	0	0
--DIVISIONAL DATA------->			74.0	-2.5										
NORTHERN CENTRAL 06														
ABERDEEN PHILLIPS FIEL	84.7M	M	M		92	11+	51	3			5	0	0	0
CATOCTIN MOUNTAIN PARK	79.7	60.4	70.1		91	24	48	2	12	177	2	0	0	0
CLARKSVILLE 3 NNE	83.5	59.8	71.7		92	25+	48	3	4	218	5	0	0	0
CONOWINGO DAM	87.2	61.4M	74.3M	-.8	96	11	54	9+	0	288	11	0	0	0
DAMASCUS 3 SSW	80.6	60.1	70.4		90	24	52	7+	9	181	1	0	0	0
EMMITSBURG 2 SE	84.8	57.6	71.2	-2.9	95	25	45	3	4	201	9	0	0	0
FREDERICK POLICE BRKS	84.5	63.1	73.8		93	25	51	22	0	281	6	0	0	0
MILLERS 4 NE	82.3	60.2	71.3		92	25	47	3	7	207	2	0	0	0
ROCKVILLE 1 NE	82.2	64.3	73.3	-1.4	91	24	53	3	1	267	3	0	0	0
--DIVISIONAL DATA------->			72.0	-3.2										
APPALACHIAN MOUNTAIN 07														
CUMBERLAND 2	83.9	57.7	70.8	-4.3	94	25+	49	5+	3	192	6	0	0	0
CUMBERLAND POLICE BRK	81.9	57.5	69.7		93	25	47	6+	6	161	3	0	0	0
FROSTBURG 2	76.6	55.1	65.9		90	1	44	2	49	85	1	0	0	0
HAGERSTOWN POLICE BRK	M	M	M		93	25	51	14			4	0	0	0
SHARPSBURG 5 S	83.2	56.7	70.0		93	26+	48	3+	7	169	5	0	0	0
--DIVISIONAL DATA------->			69.1	-4.1										
ALLEGHENY PLATEAU 08														
OAKLAND 1 SE	76.5	54.9	65.7	-2.0	86	25	42	2	51	84	0	0	0	0
SAVAGE RIVER DAM	77.0	55.7	66.4	-3.0	86	26+	47	3+	32	82	0	0	0	0
--DIVISIONAL DATA------->			66.1	-1.9										
DELAWARE														
NORTHERN 01														
NEWARK UNIVERSITY FARM	M	M	M											
WILMINGTON WSO ARPT R	82.0	63.3	72.7	-3.7	91	25	52	3	1	247	2	0	0	0
WILMINGTON PORTER RSVR	82.0	63.9	73.0	-2.2	93	25	54	3	2	255	4	0	0	0
--DIVISIONAL DATA------->			72.9	-3.0										
SOUTHERN 02														
DOVER	82.9	64.4	73.7	-3.5	90	26+	53	3	0	277	2	0	0	0
GREENWOOD 2 NE	82.6	62.0	72.3		93	1	50	3	3	237	2	0	0	0
LEWES	83.7	66.1	74.9	-1.0	93	10+	54	3	0	313	8	0	0	0
MILFORD 2 SE	83.1	63.1M	73.1M	-3.5	92	1	51	3	3	272	4	0	0	0
--DIVISIONAL DATA------->			73.5	-2.9										

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	4.07				.0	0		5	2	0
PRINCESS ANNE	4.92	.92			.0	0		3	2	0
SALISBURY	5.08	1.06	1.47	27	.0	0		7	4	2
SALISBURY FAA ARPT	5.03	.70	1.53	29	M	M		9	4	2
SNOW HILL 4 N	5.11	1.01	1.18	30	.0	0		8	5	1
--DIVISIONAL DATA------->	4.84	.79			.0					
CENTRAL EASTERN SHORE 02										
ROYAL OAK 2 SSW	4.70	.74	.85	29	.0	0		12	5	0
VIENNA	5.45	1.47			.0	0		5	2	0
--DIVISIONAL DATA------->	5.08	1.14			.0					
LOWER SOUTHERN 03										
MECHANICSVILLE 5 NE	7.73	3.51	2.90	27	.0	0		11	4	2
--DIVISIONAL DATA------->	7.73	3.77			.0					
UPPER SOUTHERN 04										
ANNAPOLIS POLICE BRKS	7.72	4.14	2.00	5	.0	0		12	6	2
BALTIMORE WSO ARPT R	3.85	.16	1.43	18	.0	0		6	3	1
BELTSVILLE	7.17	3.08	1.91	5	.0	0		9	5	3
DALECARLIA RESERVOIR	5.73	1.84	1.90	5	.0	0		11	4	1
GLENN DALE BELL STN	5.43	1.27	1.80	5	.0	0		7	4	2
LAUREL 3 W	3.47	-.51	.80	4	.0	0		9	2	0
MD SCI CTR BALTIMORE R	2.24		.43	29	M	M		6	0	0
NATIONAL ARBORETUM DC	5.64	1.26	1.40	5	.0	0		12	3	1
UPPER MARLBORO 3 NNW	6.01	1.99	1.90	27	.0	0		9	4	2
--DIVISIONAL DATA------->	5.25	1.24			.0					
NORTHERN EASTERN SHORE 05										
CHESTERTOWN	6.22	2.52	1.85	26	.0	0		7	3	3
--DIVISIONAL DATA------->	6.22	2.42			.0					
NORTHERN CENTRAL 06										
ABERDEEN PHILLIPS FIEL	M 2.04				.0	0		1	1	0
CATOCTIN MOUNTAIN PARK	1.15		.22	29	.0	0		5	0	0
CLARKSVILLE 3 NNE	1.86		.60	29	.0	0		6	1	0
CONOWINGO DAM	M .80		.34	5	.0	0		2	0	0
DAMASCUS 3 SSW	2.41		.98	29	.0	0		5	1	0
EMMITSBURG 2 SE	1.15	-2.09	.28	10	.0	0		6	0	0
FREDERICK POLICE BRKS	2.30		.90	2	.0	0		6	1	0
MILLERS 4 NE	1.48		.64	10	.0	0		4	1	0
ROCKVILLE 1 NE	4.00	.29	.80	18	.0	0		8	5	0
--DIVISIONAL DATA------->	2.05	-1.75			.0					
APPALACHIAN MOUNTAIN 07										
CUMBERLAND 2	4.29	.92	1.52	27	.0	0		9	3	1
CUMBERLAND POLICE BRK	3.25		.75	26	.0	0		8	2	0
FROSTBURG 2	4.22		.80	30	.0	0		10	4	0
HAGERSTOWN POLICE BRK			1.50	29	.0	0		2	2	1
SHARPSBURG 5 S	1.77		.58	18	.0	0		5	1	0
--DIVISIONAL DATA------->	3.38	-.16			.0					
ALLEGHENY PLATEAU 08										
OAKLAND 1 SE	9.25	4.13	3.12	26	.0	0		11	8	2
SAVAGE RIVER DAM	4.40	.19	.80	8	.0	0		11	4	0
--DIVISIONAL DATA------->	6.83	1.97			.0					
DELAWARE										
NORTHERN 01										
NEWARK UNIVERSITY FARM					M	M				
WILMINGTON WSO ARPT R	2.35	-1.88	.60	18	.0	M		7	2	0
WILMINGTON PORTER RSVR	M 1.57		.58	10+	.0	0		4	2	0
--DIVISIONAL DATA------->	2.35	-1.87			.0					
SOUTHERN 02										
DOVER	4.99	.84	1.80	27	.0	0		10	4	1
GREENWOOD 2 NE	7.16		2.21	27	.0	0		7	4	3
LEWES	7.44	3.46	2.27	27	.0	0		7	4	3
MILFORD 2 SE	6.46	2.86	2.07	18	.0	0		6	5	2
--DIVISIONAL DATA------->	6.51	2.62			.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	4.07		.41			.04	.53					.01				
PRINCESS ANNE	4.92	*	.69									.52				
SALISBURY	5.08		.38						T			.34				
SALISBURY FAA ARPT	5.03	.76	T		.11	.11			T	T	.23	.05				
SNOW HILL 4 N	5.11		.75			.48	.15		T			.10				
CENTRAL EASTERN SHORE 02																
ROYAL OAK 2 SSW	4.70		.22			.19	.70		.11	.20		.10				
VIENNA	5.45			.10		*	.73		.04	.05		.37				
LOWER SOUTHERN 03																
MECHANICSVILLE 5 NE	7.73	.33	.50		T	T	.29		.43	.31		.55				
UPPER SOUTHERN 04																
ANNAPOLIS POLICE BRKS	7.72	.56	.50		.22	2.00	.34		.13	.38		.30				
BALTIMORE WSO ARPT R	3.85	T			.88	.05			.37		.10					
BELTSVILLE	7.17		.71		1.05	1.91	1.74		.25	.40						
DALECARLIA RESERVOIR	5.73	.15	.24		.29	1.90			.66	.35		.25				
GLENN DALE BELL STN	5.43					1.80	.60			1.33						
LAUREL 3 W	3.47	.10			.80	.46			.28	.41						
MD SCI CTR BALTIMORE R	2.24	.33			.31	.07			.36		.23					
NATIONAL ARBORETUM DC	5.64	.43	.26	T		1.40	.44		.38	.88	T	.16	T			
UPPER MARLBORO 3 NNW	6.01	.09	.56			.90	.27		.32	.34		.47				
NORTHERN EASTERN SHORE 05																
CHESTERTOWN	6.22	1.40			1.46	.37			.29		.08					
NORTHERN CENTRAL 06																
ABERDEEN PHILLIPS FIEL	M 2.04	*	.04		*	1.06	.04	*	*	.09		.01				–
CATOCTIN MOUNTAIN PARK	1.15	.07	.09		.08	.14	.06		.12		T	.05				
CLARKSVILLE 3 NNE	1.86	.08			.32	.12			.36	.01	.14					
CONOWINGO DAM	M .80		.02		.01	.34			.11	.04		.08		–	–	–
DAMASCUS 3 SSW	2.41	.07			.33	.06			.25	.30	T					
EMMITSBURG 2 SE	1.15		T		.12	.10			.18		.28	.05				
FREDERICK POLICE BRKS	2.30	T	.90		.48											
MILLERS 4 NE	1.48	.22	.06		.15	.01	T		.24		.64	.03				
POTOMAC FILTER PLANT	M 4.30	–	.38	.07	*	1.35	.56		.64	.13	.09					
ROCKVILLE 1 NE	4.00	.50			.51	.45			.64		T					
APPALACHIAN MOUNTAIN 07																
CUMBERLAND 2	4.29		.29		.27	.15	.37		.60	.01		.30				
CUMBERLAND POLICE BRK	3.25	.33			.28	.47	.38		.05			.24				
FROSTBURG 2	4.22		.60		.30	.21	.59		.73			.44				
HAGERSTOWN POLICE BRK	M	–		–	–	–		–	–	–	–	–				–
SHARPSBURG 5 S	1.77	T	.09		.09	.06	.20		.33	.01						
ALLEGHENY PLATEAU 08																
OAKLAND 1 SE	9.25	.10	.74		.56	.66	.30		.64			1.20				
SAVAGE RIVER DAM	4.40		.64		.38	.27	.55		.80			.12				
DELAWARE																
NORTHERN 01																
NEWARK UNIVERSITY FARM	M	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
WILMINGTON WSO ARPT R	2.35	.03			.33	.18	T	T	.07	.59	.32					
WILMINGTON PORTER RSVR	M 1.57	.17			.01	.58			.07	.02	.58					
SOUTHERN 02																
DOVER	4.99		.70		.36	.51	.61			.10		.13				
GREENWOOD 2 NE	7.16		.47				1.09			.13		.07	.06			
LEWES	7.44					.58	.22		.02							
MILFORD 2 SE	6.46		.56			.15	.65		.06	.01		.07				

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				.13	.01							.52	*	*	2.27	.15
PRINCESS ANNE			.35	.70	*	*	*	*	*	*	*	.95	*	*	1.71	
SALISBURY			.19	.02				.57			.05	1.47		.91	1.15	
SALISBURY FAA ARPT			.33	.01				.37			1.00			1.53	.53	
SNOW HILL 4 N			.76	.04				T				.73		.92	1.18	
CENTRAL EASTERN SHORE 02																
ROYAL OAK 2 SSW			.29	.26							.57	.62		.85	.59	
VIENNA			.38	.05							*	2.14		.84	.75	
LOWER SOUTHERN 03																
MECHANICSVILLE 5 NE			.48	.05							.12	2.90		1.40	.37	
UPPER SOUTHERN 04																
ANNAPOLIS POLICE BRKS				1.83							.04	.54		.14	.74	
BALTIMORE WSO ARPT R		.02	1.43								.18			.76	.06	
BELTSVILLE			.04	.08								.12		.30	.57	
DALECARLIA RESERVOIR			.76								.01	.17		.76	.19	
GLENN DALE BELL STN			.20	.13								.45			.92	
LAUREL 3 W			.35								.17			.75	.15	
MD SCI CTR BALTIMORE R		.07	.35								.08			.43	.01	
NATIONAL ARBORETUM DC			.20	.13	T							.34		.24	.78	T
UPPER MARLBORO 3 NNW				.11								1.90			1.05	
NORTHERN EASTERN SHORE 05																
CHESTERTOWN			.41								1.85			.28	.08	
NORTHERN CENTRAL 06																
ABERDEEN PHILLIPS FIEL						–	–				.54	.02	*	*	.24	
CATOCTIN MOUNTAIN PARK			.04								.10			.22	.18	
CLARKSVILLE 3 NNE			.19	.01							.01			.60	.02	
CONOWINGO DAM			.06					–			*	.08		–	.06	
DAMASCUS 3 SSW			.38							T	T			.98	.04	T
EMMITSBURG 2 SE			.03								.12			.07	.20	
FREDERICK POLICE BRKS			.45	.02							.17			.18	.10	
MILLERS 4 NE			.02								.01	T		.04	.03	.03
POTOMAC FILTER PLANT			.03	.10								.09			.77	.09
ROCKVILLE 1 NE			.80	.15							.11			.78	.06	
APPALACHIAN MOUNTAIN 07																
CUMBERLAND 2			.07	.01								1.52		.10	.58	.02
CUMBERLAND POLICE BRK											.75			.60	.15	
FROSTBURG 2			.11								.01	.29		.12	.80	.02
HAGERSTOWN POLICE BRK			–								T	.03		1.50	.50	
SHARPSBURG 5 S			.58	.07							.03	.01		.16	.14	T
ALLEGHENY PLATEAU 08																
OAKLAND 1 SE		T	.79							.05	3.12			.92	.02	.15
SAVAGE RIVER DAM			.37	.14							.04	.51		.16	.42	
DELAWARE																
NORTHERN 01																
NEWARK UNIVERSITY FARM	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
WILMINGTON WSO ARPT R	T	T	.60								.10			.13	T	
WILMINGTON PORTER RSVR			–								.02			.12		
SOUTHERN 02																
DOVER			.28									1.80		.10	.40	
GREENWOOD 2 NE			2.11	.19								2.21		.06	.77	
LEWES			1.33								2.08	2.27		.49	.45	
MILFORD 2 SE			2.07	.53								1.74	*	*	.61	.01

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											M .0	–			2.3	0	.6	0							2.9	M	35.31
PRINCESS ANNE											M .0	0			M 6.0	–									6.0	M	34.10
SALISBURY			M .0	0											M .0	1	M .0	–								M 1	42.07
SALISBURY FAA ARPT											.2	2	T	0	.3	1	1.0	0			–	–	–	–	M 1.5	M 3	42.70
SNOW HILL 4 N									T	0	5.7	–	T	0	5.3	2	2.0	0							13.0	M 2	39.53
CENTRAL EASTERN SHORE 02																											
ROYAL OAK 2 SSW											2.3	0	1.6	0	4.5	2	2.0	–							10.4	M 2	45.48
VIENNA											1.0	–		–	4.0	–									5.0	M	45.76
LOWER SOUTHERN 03																											
MECHANICSVILLE 5 NE											M .3	1	M .8	–	3.5	3	T	0							4.6	M 4	51.11
UPPER SOUTHERN 04																											
ANNAPOLIS POLICE BRKS											2.0	1	.8	0	M .0	2							M .0	–	2.8	M 3	55.91
BALTIMORE WSO ARPT R									T	0	1.3	2	3.7	5	3.7	2	T	0	T	0					8.7	9	38.52
BELTSVILLE											3.0	3	M 4.0	4	4.0	2									11.0	9	39.83
DALECARLIA RESERVOIR	–	–		–							1.6	10	1.0	1	2.0	1									M 4.6	M 12	37.44
LAUREL 3 W											2.3	–	3.0	–	3.0	–					M .0	0			8.3	M	42.29
NATIONAL ARBORETUM DC											1.5	–	2.1	–	2.4	–									6.0	M	40.61
UPPER MARLBORO 3 NNW											M 1.5	–	3.0	–	2.8	3	.5	0							7.8	M 3	43.09
NORTHERN EASTERN SHORE 05																											
CHESTERTOWN											2.0	4	3.2	–	6.5	–	3.0	–	T	0					14.7	M 4	45.02
NORTHERN CENTRAL 06																											
ABERDEEN PHILLIPS FIEL			M .0	0							1.0	0	M 1.0	–	5.0	–	M .0	–	M .0	–			M .0	–	7.0	M	36.64
CATOCTIN MOUNTAIN PARK									1.0	–	5.0	–	M 6.7	–	8.3	–	5.8	8							26.8	M 8	40.41
CONOWINGO DAM					–	–		–			M .0	–	M 7.1	–	M 8.0	–									M 15.1	M	41.82
DAMASCUS 3 SSW							T	0	T	0	5.1	11	10.6	15	M 8.3	4	1.2	0	.1	0					25.3	30	44.00
EMMITSBURG 2 SE											6.5	–	12.0	–	7.0	4	2.0	0							27.5	M 4	38.83
FREDERICK POLICE BRKS											4.5	4	M 2.5	5	6.0	2									13.0	11	44.56
MILLERS 4 NE							T	0	T	0	5.0	13	12.8	25	8.7	6	2.1	2	.8	0			M .0	0	29.4	46	38.04
POTOMAC FILTER PLANT											M .0	0	1.1	–	M .0	–									1.1	M	42.09
ROCKVILLE 1 NE											4.4	5	4.1	6	2.5	–	T	0							11.0	M 11	38.86
APPALACHIAN MOUNTAIN 07																											
CUMBERLAND 2											M 5.0	17	6.5	–	5.0	–	5.0	–							21.5	M 17	36.84
CUMBERLAND POLICE BRK			M .0	–							M .0	0	M 7.5	–	5.0	2	2.0	3							14.5	M 5	37.73
FROSTBURG 2							T	0	2.5	4	8.9	23	12.7	31	5.8	10	16.0	13	.4	0					46.3	81	40.78
HAGERSTOWN POLICE BRK											4.5	4	M .0	8	M .0	1	M .0	1							4.5	14	18.34
SHARPSBURG 5 S			M .0	–					T	0	6.5	13	8.0	13	M 6.5	2	1.3	1	T	0					22.3	M 29	40.48
ALLEGHENY PLATEAU 08																											
OAKLAND 1 SE							T	0	14.5	–	29.5	–	28.1	–	11.1	–	M17.3	–	5.3	–					105.8	M	40.83
SAVAGE RIVER DAM			–	–	M .0	–			M .0	1	M .0	–	M13.0	31	M .0	–	M .0	9							M 13.0	M 41	36.18
DELAWARE																											
NORTHERN 01																											
NEWARK UNIVERSITY FARM									–	–			2.1	–	M .0	–	.9	0					–	–	M 3.0	M	M 36.94
WILMINGTON WSO ARPT R	–	–	–	–	–	–	–	–	–	–	2.1	–	4.8	7	5.0	–	.7	–	T	–		–		–	M 12.6	M 7	42.43
WILMINGTON PORTER RSVR											M 3.1	–	5.0	–	7.5	4	.2	0							15.8	M 4	46.98
SOUTHERN 02																											
DOVER											4.8	–	1.5	–	5.5	3	T	0							11.8	M 3	50.12

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	
GREENWOOD 2 NE											5.0	9	.8	2	6.0	3	2.7	1							14.5	15	46.17
LEWES											4.4	–	–	–	8.0	–									M 12.4	M	45.22
MILFORD 2 SE							M .0	–			5.5	6	M 1.0	–	M 7.0	–	1.0	–							14.5	M 6	45.25

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	90	84	78	82	85	81	81	80	83	94	91	84	83	83	85
		OBS															
		MIN	76	62	49	56	72	66	57	70	67	68	70	69	63	58	61
		OBS				72											
PRINCESS ANNE	17	MAX		96	79						90	92					
		MIN		55	47						50	60					
SALISBURY	17	MAX	90	85	75	83	85	85	85	79	87	90	88	84	81	80	83
		MIN	70	58	51	68	68	61	46	65	63	52	65	62	48	52	53
		OBS									36						39
SALISBURY FAA ARPT	MID	MAX	88	73	78	85	86	78	82	79	87	92	87	81	83	82	84
		MIN	68	47	45	71	65	53	49	64	62	60	56	55	51	49	55
SNOW HILL 4 N	17	MAX	91	86	77	87	87	84	81	80	88	91	90	86	85	83	85
		MIN	78	59	48	70	69	63	52	65	67	63	68	55	53	51	56
CENTRAL EASTERN SHORE 02																	
ROYAL OAK 2 SSW	18	MAX	89	85	78	85	87	79	82	81	88	90	87	83	82	83	84
		MIN	77	61	52	74	70	64	57	68	70	68	71	65	60	60	61
VIENNA	18	MAX	93	87	91	88	90	87	83	82	90	94	93	86	83	83	84
		OBS					***										
		MIN	77	67	53	71		60	57	66	70	68	69	61	62	59	56
		OBS			71												
LOWER SOUTHERN 03																	
MECHANICSVILLE 5 NE	19	MAX	85	73	74	83	85	78	81	80	86	88	85	78	79	79	82
		MIN	73	55	51	66	67	59	52	65	70	65	68	58	58	56	64
UPPER SOUTHERN 04																	
ANNAPOLIS POLICE BRKS	17	MAX	90	85	82	89	88	87	89	89	90	92	90	88	84	82	90
		MIN	69	60	58	69	62	56	64	62	62	68	70	66	66	66	60
		OBS				54						55					
BALTIMORE WSO ARPT	MID	MAX	90	74	79	87	84	79	83	82	90	92	86	82	81	84	85
		MIN	70	51	50	67	65	56	54	66	68	68	64	58	56	58	58
BELTSVILLE	08	MAX	92	88	73	78	88	84	78	82	85	88	90	84	80	80	81
		MIN	70	56	52	63	64	55	54	65	67	65	66	59	57	60	58
DALECARLIA RESERVOIR	17	MAX	92	76	79	89	87	80	85	87	90	93	91	83	83	84	85
		MIN	71	56	54	68	65	56	57	66	69	67	68	61	58	57	60
GLENN DALE BELL STN	08	MAX	92	87	74	79	87	83	79	84	84	89	91	84	81	82	84
		MIN	68	53	49	60	62	54	52	61	66	64	66	55	55	53	57
LAUREL 3 W	MID	MAX	93	75	78	87	83	78	82	84	89	91	85	82	83	84	85
		MIN	70	64	69	70	67	67	68	74	78	73	72	71	70	72	74
MD SCI CTR BALTIMORE	MID	MAX	91	74	79	87	86	80	84	83	90	94	86	83	83	84	87
		MIN	72	60	61	70	68	63	64	67	73	72	72	66	67	67	69
NATIONAL ARBORETUM DC	07	MAX	96	92	82	81	88	86	88	86	85	92	96	88	85	87	86
		MIN	72	58	55	62	63	57	56	66	67	67	70	65	59	62	60
UPPER MARLBORO 3 NNW	08	MAX	93	88	75	77	86	85	78	82	83	88	90	85	82	81	82
		MIN	72	56	51	56	64	57	54	58	65	66	67	58	57	57	59
NORTHERN EASTERN SHORE 05																	
CHESTERTOWN	23	MAX	90	75	79	86	85	79	83	81	90	92	86	83	83	84	87
		MIN	67	56	55	69	66	59	57	63	71	69	69	61	59	62	60
NORTHERN CENTRAL 06																	
ABERDEEN PHILLIPS FIEL	16	MAX		72	77		84	80			89	92	92	86	83	82	
		MIN		57	51		65	59			70	69	70	62	59		
CATOCTIN MOUNTAIN PARK	17	MAX	82	72	75	79	77	73	80	81	86	86	78	76	76	77	80
		MIN	69	48	53	63	61	50	57	69	61	67	62	57	56	56	59
CLARKSVILLE 3 NNE	17	MAX	87	75	78	86	82	79	82	84	91	89	83	81	82	83	85
		MIN	68	52	48	64	63	54	51	66	66	63	65	56	54	53	56
CONOWINGO DAM	MID	MAX	95	76	76	89	84	84	84	86	86	94	96	87	83	85	90
		OBS		93		74									***	***	***
		MIN	70	60	60	63	65	60	54	56	54	64	65	60			
		OBS				51											
DAMASCUS 3 SSW	22	MAX	85	71	75	82	82	75	80	83	87	87	78	77	80	81	83
		MIN	60	53	52	66	63	53	52	64	65	64	56	54	53	56	59
EMMITSBURG 2 SE	17	MAX	90	85	78	85	83	82	82	83	90	90	82	80	80	83	84
		MIN	70	49	45	65	61	50	46	66	62	60	65	51	50	54	52
FREDERICK POLICE BRKS	17	MAX	89	83	77	84	82	84	81	84	89	90	87	83	91	82	83
		MIN	72	55	54	67	66	58	55	66	67	68	69	62	52	61	60
MILLERS 4 NE	18	MAX	86	71	75	85	80	78	80	82	88	87	79	78	77	80	83
		MIN	68	52	47	64	63	55	51	63	68	66	63	55	53	56	55
ROCKVILLE 1 NE	MID	MAX	86	73	78	85	80	76	84	85	86	89	82	78	80	81	82
		MIN	69	56	53	69	66	61	55	66	70	70	70	63	61	60	63
APPALACHIAN MOUNTAIN 07																	
CUMBERLAND 2	17	MAX	88	75	86	83	82	79	87	90	90	92	80	79	80	81	85
		MIN	51	49	51	61	49	50	52	61	62	63	55	53	53	54	55
CUMBERLAND POLICE BRK	17	MAX	89	85	84	85	80	75	84	86	87	88	77	77	77	78	81
		MIN	66	51	47	62	62	47	48	63	59	60	62	54	50	51	51

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	90	92	90	78	78	79	81	86	85	90	85	76	78	70	77	77	83.1
			76														
	67	69	70	69	65	62	56	67	72	75	70	66	58	61	66	64	65.2
PRINCESS ANNE	93	94	92	79												91	M
	55	60	63	70												57	M
SALISBURY	86	90	88	74	78	83	84	85	86	87	87	78	76	74	77	79	83.0
	58	67	69	64	60	55	55	67	72	76	73	69	56	63	63	60	61.6
	44							52									
SALISBURY FAA ARPT	88	93	78	73	77	83	84	88	88	88	89	79	77	66	77	80	82.4
	55	63	70	60	52	48	46	69	72	72	79	68	51	59	60	55	59.0
SNOW HILL 4 N	89	92	89	75	76	82	84	88	89	89	89	82	78	75	78	80	84.4
	58	65	71	68	58	51	49	65	72	76	76	62	53	58	64	56	61.9
CENTRAL EASTERN SHORE 02																	
ROYAL OAK 2 SSW	87	91	89	80	82	83	85	89	90	90	88	79	79	77	80	81	84.3
	66	74	72	68	61	55	63	72	77	79	74	65	59	60	64	60	66.0
VIENNA	91	93	90	79	86	90	90	90	90	92	82	82	81	79	83	83	86.9
																***	
	63	71	70	68	53	56	58	75	76	76	64	67	56	55	61		64.3
												78					
LOWER SOUTHERN 03																	
MECHANICSVILLE 5 NE	86	88	81	78	78	81	82	87	88	88	87	76	77	67	77	79	81.2
	62	67	70	69	59	52	56	64	72	76	73	64	56	61	65	60	63.0
UPPER SOUTHERN 04																	
ANNAPOLIS POLICE BRKS	90	86	80	84	82	80	82	86	90	92	90	84	79	78	81	82	85.8
	70	70	67	68	66	62	64	72	76	77	68	64	58	62	64	66	65.5
										56							
BALTIMORE WSO ARPT	90	92	75	80	80	82	83	88	92	92	87	78	78	69	79	80	83.3
	64	65	69	65	60	55	57	64	72	76	67	61	58	60	65	62	62.2
BELTSVILLE	83	86	90	78	79	80	83	85	89	91	91	87	78	78	67	79	83.1
	60	64	70	68	59	54	55	63	71	76	76	64	57	62	61	62	62.4
DALECARLIA RESERVOIR	89	86	89	82	83	85	87	92	95	94	91	81	81	78	80	84	85.8
	61	66	71	69	62	58	65	69	74	76	75	64	60	61	64	63	64.2
GLENN DALE BELL STN	85	89	92	79	79	81	84	87	89	93	92	89	81	79	65	77	83.9
	59	64	68	66	57	52	54	60	70	76	75	62	57	61	60	60	60.5
LAUREL 3 W	88	90	80	82	82	84	87	91	93	93	87	81	80	71	79	81	84.1
	75	78	70	70	71	70	71	75	81	83	67	67	69	60	65	71	71.0
MD SCI CTR BALTIMORE	91	94	78	81	83	84	84	90	94	92	90	80	80	72	81	82	84.7
	71	74	72	70	66	66	68	71	75	76	71	66	67	62	66	69	68.4
NATIONAL ARBORETUM DC	88	92	96	82	82	85	88	89	94	96	95	89	85	83	67	80	87.4
	65	64	72	69	63	55	59	68	73	77	77	66	59	62	62	64	64.3
UPPER MARLBORO 3 NNW	84	88	91	77	79	80	82	85	89	91	91	87	77	78	66	78	83.2
	62	66	69	68	59	53	56	59	69	75	75	64	58	59	60	61	61.6
NORTHERN EASTERN SHORE 05																	
CHESTERTOWN	90	92	79	80	82	86	86	91	91	92	89	79	80	66	81	85	84.3
	68	68	69	66	60	56	60	67	74	76	66	61	59	60	63	59	63.7
NORTHERN CENTRAL 06																	
ABERDEEN PHILLIPS FIEL	87	90	89	81	82			88	89	91	91	78			80	81	84.7
	64	64	64	65	62			65	74	77	75	62			65	60	M
CATOCTIN MOUNTAIN PARK	83	85	83	79	77	81	83	87	91	90	84	77	75	71	70	78	79.7
	65	67	67	63	58	52	60	65	70	69	64	54	59	54	58	60	60.4
CLARKSVILLE 3 NNE	86	90	77	81	84	85	86	92	92	92	85	82	79	68	80	82	83.5
	58	61	68	63	57	52	52	60	66	75	64	58	56	59	64	61	59.8
CONOWINGO DAM	90	92	94	82	86	86	90	95	94	94	89	83	83	80	85	85	87.2
								***			***	96			70		
	58	62	60	66	60	58	60		62	68		64	61	60	66	60	61.4
DAMASCUS 3 SSW	85	87	75	78	78	80	82	86	90	89	87	77	77	64	77	80	80.6
	60	66	66	64	58	54	54	66	70	72	67	58	57	58	61	62	60.1
EMMITSBURG 2 SE	87	91	90	83	83	83	85	91	94	95	92	79	80	79	78	82	84.8
	55	59	68	62	55	48	50	51	66	73	68	55	52	61	63	54	57.6
FREDERICK POLICE BRKS	86	90	89	80	81	82	84	89	90	93	92	78	80	78	76	81	84.5
	67	67	68	66	62	57	51	65	72	74	69	63	60	60	62	62	63.1
MILLERS 4 NE	84	88	86	82	82	83	84	89	90	92	88	78	79	75	80	81	82.3
	61	63	68	62	58	53	55	65	69	72	67	56	54	60	62	61	60.2
ROCKVILLE 1 NE	87	89	80	80	81	82	85	90	91	90	84	79	80	67	78	81	82.2
	65	67	69	67	61	57	58	69	74	76	67	63	60	60	64	64	64.3
APPALACHIAN MOUNTAIN 07																	
CUMBERLAND 2	86	89	82	82	85	85	89	93	94	94	85	80	78	71	73	79	83.9
	58	63	66	61	56	56	62	63	64	70	56	56	56	60	61	62	57.7
CUMBERLAND POLICE BRK	84	85	85	80	80	80	86	90	92	93	83	77	78	69	71	73	81.9
	51	60	60	65	59	55	55	61	63	68	67	52	53	59	59	61	57.5

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
FROSTBURG 2	07	MAX	90	83	67	79	75	76	69	80	80	82	81	71	71	70	71
		OBS															
		MIN	64	44	45	52	61	46	48	50	57	57	60	51	50	50	50
		OBS	52														
HAGERSTOWN POLICE BRK	17	MAX												81	79	82	
		MIN												57	53	51	
SHARPSBURG 5 S	07	MAX	91	85	72	79	85	84	80	83	86	89	89	82	80	80	82
		MIN	67	48	48	51	60	49	49	50	61	60	62	52	50	50	52
ALLEGHENY PLATEAU 08																	
OAKLAND 1 SE	17	MAX	81	75	79	78	76	74	79	81	82	81	80	70	70	72	75
		MIN	66	42	45	61	62	45	44	64	57	59	59	50	47	46	46
SAVAGE RIVER DAM	08	MAX	83	80	69	79	75	76	76	79	82	83	84	74	73	74	74
		MIN	66	47	47	50	61	48	48	50	54	60	63	54	50	50	51
DELAWARE																	
NORTHERN 01																	
NEWARK UNIVERSITY FARM	17	MAX															
		MIN															
WILMINGTON WSO ARPT	MID	MAX	88	73	77	84	83	76	81	77	89	89	84	80	79	81	84
		MIN	69	55	52	70	65	59	55	66	68	68	64	60	57	58	58
WILMINGTON PORTER RSVR	MID	MAX	89	71	78	84	83	74	81	78	87	90	81	80	80	79	83
		MIN	68	55	54	68	64	60	59	66	69	68	68	61	60	61	62
SOUTHERN 02																	
DOVER	17	MAX	88	85	78	78	84	83	80	80	86	89	87	82	80	78	82
		MIN	75	55	53	70	68	62	59	66	67	62	68	62	61	60	62
GREENWOOD 2 NE	07	MAX	93	88	73	78	85	86	78	81	79	89	89	85	78	82	82
		MIN	76	57	50	54	69	62	56	56	67	65	69	59	58	57	59
LEWES	17	MAX	93	87	79	86	88	88	84	82	86	93	91	83	80	79	82
		MIN	78	61	54	69	70	65	60	66	70	71	73	64	64	60	62
MILFORD 2 SE	07	MAX	92	88	73	78	85	85	78	81	79	89	90	85	80	81	85
		OBS															
		MIN	76	59	51	53	69	63	56	65	67	66	70	57	58	57	58

DAILY TEMPERATURES (ºF)

STATION	DAY OF MONTH																AVERAGE
	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
FROSTBURG 2	75	79	78	74	76	78	78	82	85	85	88	71	74	74	68	66	76.6
															58		
	51	59	60	64	57	53	55	57	62	62	69	54	53	53	56	58	55.1
HAGERSTOWN POLICE BRK	87	90	89	82	82	82	85	90	92	93	88	80	79	77	75	82	M
	54	64	68	65	62	57	57	66	69	71	67	58	58	60	64	61	M
SHARPSBURG 5 S	84	86	90	79	82	83	82	85	91	93	93	81	81	80	65	77	83.2
	54	59	61	63	59	53	54	56	63	69	71	57	56	57	60	58	56.7
ALLEGHENY PLATEAU 08																	
OAKLAND 1 SE	79	79	75	73	75	75	81	83	85	86	74	71	72	66	70	76	76.5
	46	56	64	64	59	49	56	57	56	60	65	54	55	56	57	56	54.9
SAVAGE RIVER DAM	78	79	80	74	75	77	77	81	84	86	86	72	72	67	69	69	77.0
	55	56	60	65	55	54	55	58	60	61	67	56	55	57	57	57	55.7
DELAWARE																	
NORTHERN 01																	
NEWARK UNIVERSITY FARM																	M
																	M
WILMINGTON WSO ARPT	88	89	77	79	81	85	81	86	90	91	82	80	78	68	81	82	82.0
	63	70	70	66	60	58	62	66	73	77	65	60	60	65	64	58	63.3
WILMINGTON PORTER RSVR	88	90	77	78	79	85	85	89	91	93	81	77	80	70	78	83	82.0
	65	69	69	66	61	61	61	66	72	76	67	62	60	59	64	60	63.9
SOUTHERN 02																	
DOVER	88	88	88	76	80	80	82	82	89	90	90	84	77	77	78	80	82.9
	63	70	67	67	63	60	59	64	72	75	76	65	60	57	64	65	64.4
GREENWOOD 2 NE	84	88	90	76	76	78	83	86	89	88	89	85	77	78	71	77	82.6
	59	66	68	69	61	55	56	58	69	74	77	64	57	59	59	58	62.0
LEWES	88	92	90	74	74	82	81	84	90	92	91	73	77	75	74	78	83.7
	68	70	68	68	65	59	57	70	74	78	71	66	59	60	65	63	66.1
MILFORD 2 SE	85	89	91	78	77	79	85	83	87	89	90	85	80	80	70	79	83.1
												***	***	***	***		
	58	67	67	69	64	56	56	64	68	74	77					58	63.1

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	0	0B	12	136	496	888	851	676B	660	358	85	6	B 4168	
PRINCESS ANNE													M	4255
SALISBURY	0B	0	59	245	622	1030	947B	715	726	344	119	8	B 4815	4027
SALISBURY FAA ARPT	0	1	60	228	599	966	870	688	687	328	132	13	4572	4380
SNOW HILL 4 N	0	6	53	215	579	972	887	655	684	292	99	8	4450	4254
CENTRAL EASTERN SHORE 02														
ROYAL OAK 2 SSW	0	1	50	187	551	992	935	674	662	266	57	6	4381	4225
VIENNA	0B	0	43	195B	496B	1006B	882	630	636B	281B	99B	4	B 4272	4140
LOWER SOUTHERN 03														
MECHANICSVILLE 5 NE	0	2	80	250	598	1049	952	698	705	279	94	9	4716	4463
UPPER SOUTHERN 04														
ANNAPOLIS POLICE BRKS	0	0	38B	200	595B	1008	943	730	657	221	33	7B	B 4432	4382
BALTIMORE WSO ARPT R	0	1	97	254	616	1079	984	736	715	309	99	12	4902	4707
BELTSVILLE	0	1	85	255	605	1067	1009	748	726	338	87	12	4933	4999
DALECARLIA RESERVOIR		0	54B	184	558	1039	967	658	684	233	58	7	M 4442	4470
GLENN DALE BELL STN	1	4	104	313	670	1099	1059	792	746B	336	115	15	B 5254	4639
LAUREL 3 W	0	0	69	180	575	1087	957	731B	724	277	76B		M 4676	4659
MD SCI CTR BALTIMORE R	0	0	51	163	508	1002	911B	690	662	279	96	3	B 4365	
NATIONAL ARBORETUM DC	0	0	59	195	586	1048B	989	717	700	284	58	5	B 4641	4577
UPPER MARLBORO 3 NNW	0	2	97	238	609	1088B	995B	736	719	339	102	14	B 4939	4887
NORTHERN EASTERN SHORE 05														
CHESTERTOWN	0	4	91	244	622	1100	1005	737	694	301	82	6	4886	4641
NORTHERN CENTRAL 06														
ABERDEEN PHILLIPS FIEL		1B	64B	217B				659B	729B		99B	8B	M 1777	4616
CATOCTIN MOUNTAIN PARK	4	10	105	204	712	1238	1096	855	866	318	150	22	5580	
CLARKSVILLE 3 NNE	0B		112	278	672	1145						18	M 2225	
CONOWINGO DAM	0B	0B		203	611B	1078B	1038B	821	795B	352	61B	14B	M 4973	5247
DAMASCUS 3 SSW	5	5	121	287	667	1153	1034	770	785	333	136	19	5315	
EMMITSBURG 2 SE	0	6	132	295	687	1183	1083	764	789	334	131	14	5418	5299
FREDERICK POLICE BRKS	0	1	67	195	634	1125	1008	701	718	288	66	5	4808	
MILLERS 4 NE	1	8	127	279	663	1163	1069	810	822	341	123	14	5420	
ROCKVILLE 1 NE	0	0B	87	231	613	1112	989	731	721	284	91	10	B 4869	5093
APPALACHIAN MOUNTAIN 07														
CUMBERLAND 2	0	3	104	240	735	1204	1017	742	798	281	128	15	5267	5036
CUMBERLAND POLICE BRK	2	7B	134	281	761	1211	1038	759	826	316	166	25	B 5526	
FROSTBURG 2	34	35	196	366	858	1361	1213	920	1013	439	267	76	6778	
HAGERSTOWN POLICE BRK	3	3	101	248	668	1170B	1039	728	760	279B	106	10	B 5115	
SHARPSBURG 5 S	6	15B	133	308B	715	1193	1098	773	842B	378	152	26B	B 5639	
ALLEGHENY PLATEAU 08														
OAKLAND 1 SE	31	37	178	398	855	1337	1174	840	990	399	261	74	6574	6553
SAVAGE RIVER DAM	28		182	353	808	1275	1184B	876	945	431	252	70	M 6404	6362
DELAWARE														
NORTHERN 01														
NEWARK UNIVERSITY FARM	0	0	91	238		1040	1023	818	818	380B	86B		M 4494	4825
WILMINGTON WSO ARPT R	0	2	99	274	619	1074	1029	801	776	361	110	10	5155	4937
WILMINGTON PORTER RSVR	0	1	100	262B	628	1106	1038	808	796	357	114	9	B 5219	5110
SOUTHERN 02														
DOVER	0	0	64	202	582B	1030	959	703	720	310	79	9	B 4658	4337
GREENWOOD 2 NE	0	2	84	253	597	1044	1000	736	741	373	118	13	4961	
LEWES	0	0	29	178	523	946	920	650	675	281	79	4	4285	4341
MILFORD 2 SE	0B	2	69	215B	599B	1012	1006B	716B	734	364	125B	0B	B 4842	4448

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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	50	60	45	48	31	33	48	*	84	36	38	66	47	50	47
	EVAP	43	33	24	26	–	57	27	*	39	28	24	34	23	25	23
	MAX	102	93	93	88	95	–	–	–	–	–	–	–	–	–	–
	MIN	78	63	62	65	73	–	–	–	–	–	–	–	–	–	–
UPPER MARLBORO 3 NNW	WIND	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
	EVAP	–	26	29	*	31	19	*	*	71	26	29	30	20	*	*
	MAX	100	95	89	86	94	93	92	92	91	100	98	93	92	95	93
	MIN	74	60	57	58	67	63	61	62	66	70	70	61	62	61	61

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	34	22	24	31	32	34	*	48	33	38	54	54	35	*	103	25	1250
	26	18	22	7	18	22	*	45	23	20	29	14	22	*	24	11	7.30B
	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	M
	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	M
UPPER MARLBORO 3 NNW	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	M
	71	20	33	5	17	*	*	75	22	27	34	20	*	*	60	5	6.92B
	94	98	97	81	90	92	95	96	98	97	98	90	92	89	67	86	92.4
	64	65	68	69	65	61	61	63	68	73	72	67	65	64	63	65	64.7

Evaporation: Is measured in hundreths of inches
Wind: Is measured in miles
Max and Min: The maximum and minimum temperatures (Fahrenheit) of the water in the evaporation pan

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 FIEL	0015	06	HARFORD	39 28	76 10W	57	16	16		C H	PHILLIPS ARMY AIRFIELD
ANNAPOLIS POLICE BRKS	0193	04	ANNE ARUNDEL	39 0	76 31W	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 53W	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 10W	40	MID	MID		H	SUSQUEHANNA ELECTRIC CO
CUMBERLAND 2	2282	07	ALLEGANY	39 38	78 45W	730	17	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 18W	416	17	17		H	LUCILLE K BEALE
FREDERICK POLICE BRKS	3348	06	FREDERICK	39 25	77 26W	380	17	17		H	MARYLAND STATE POLICE
FROSTBURG 2	3415	07	ALLEGANY	39 40	78 56W	2168	07	07		H	KENNETH L CLOSE
GLENN DALE BELL STN	3675	04	PRINCE GEORG	38 58	76 48W	150	08	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 27	76 41W	100	19	19		H	SANDRA J HASTINGS
MILLERS 4 NE	5934	06	CARROLL	39 43	76 48W	860	18	18		C H	BOBBY MILLER
NATIONAL ARBORETUM DC	6350	04	DISTRICT OF	38 54	76 59W	50	07	07		H	US NATIONAL ARBORETUM
OAKLAND 1 SE	6620	08	GARRETT	39 24	79 24W	2420	17	17		H	BEA J CROSCO
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 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
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 9	75 31W	30	17	17		H	STATE HIGHWAY DEPT
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	MID		H	WILMINGTON WATER DEPT

REFERENCE NOTES

DEFINITIONS

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

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

NORMALS: The average value of the meteorological element over a time period. Effective 1 January 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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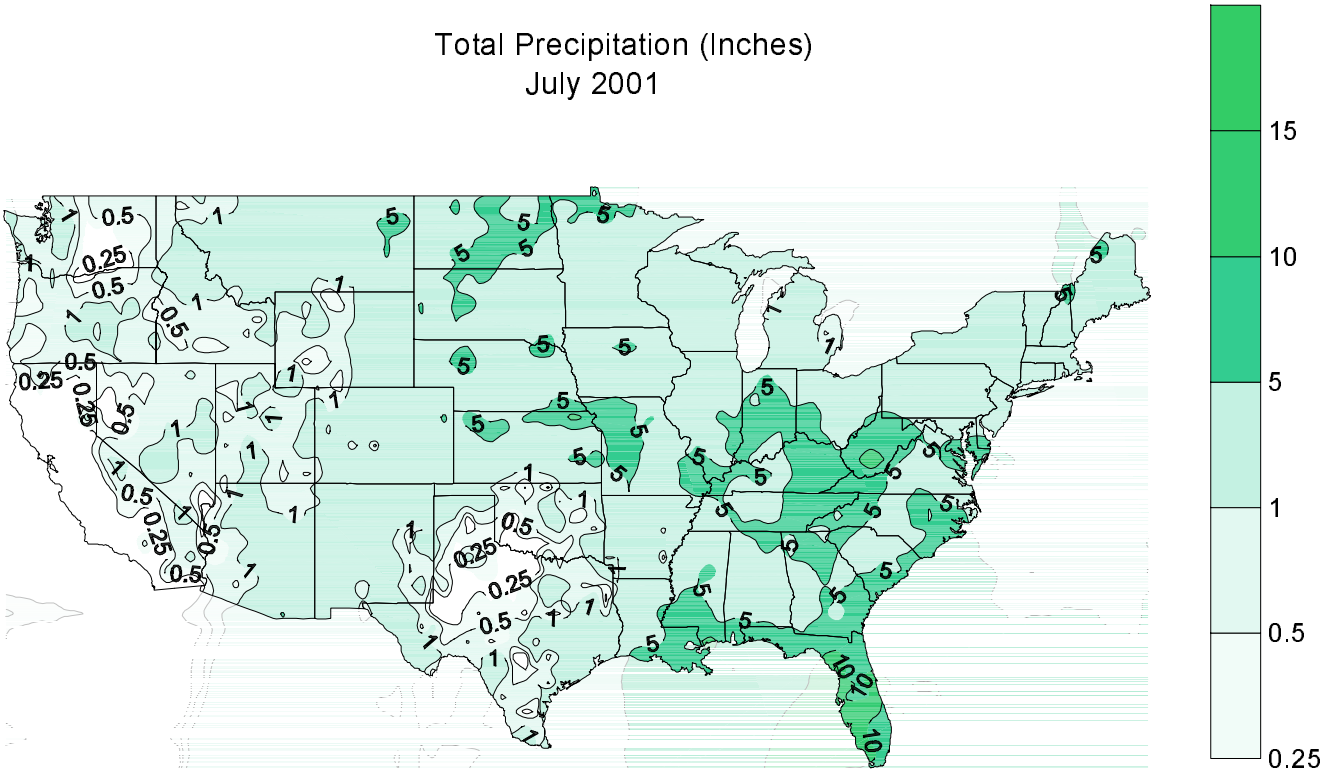
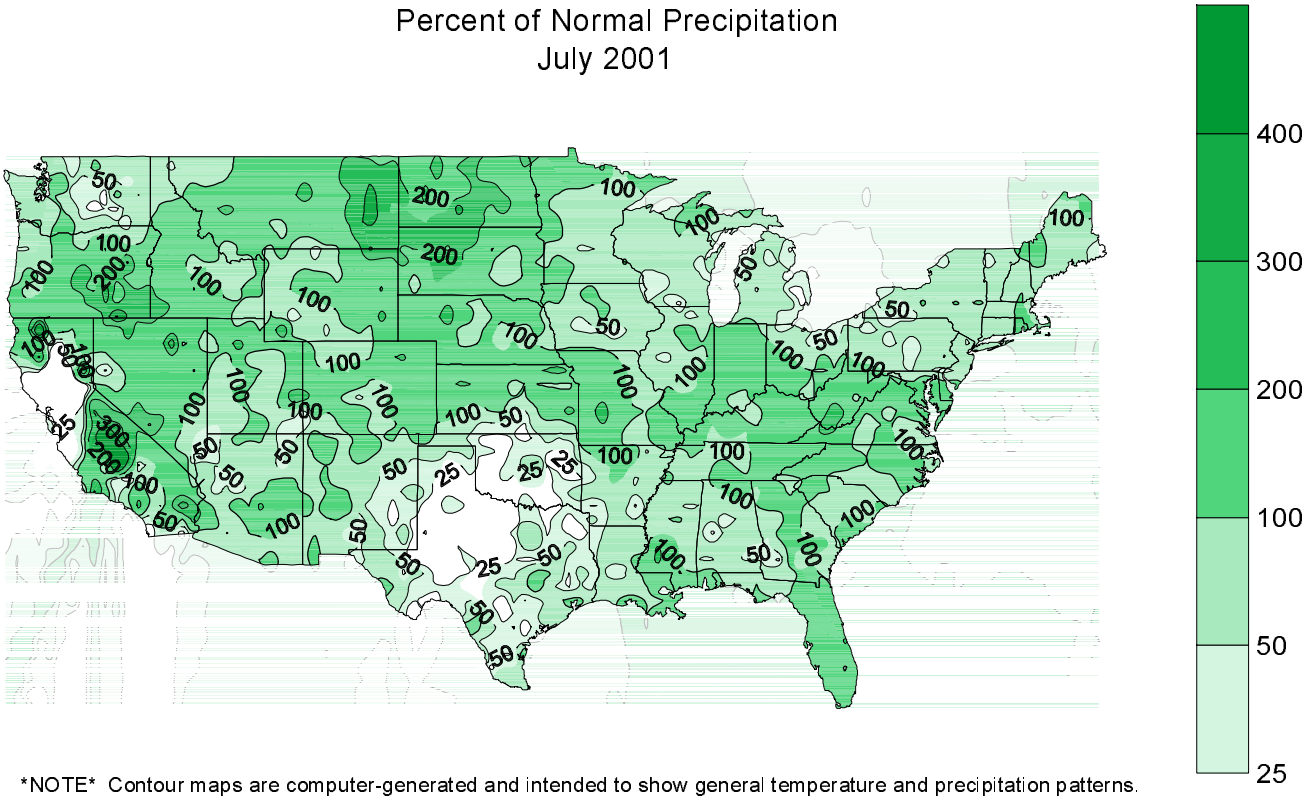
Fax number: (304) 726–4409

Total Precipitation (Inches)
July 2001



Percent of Normal Precipitation
July 2001

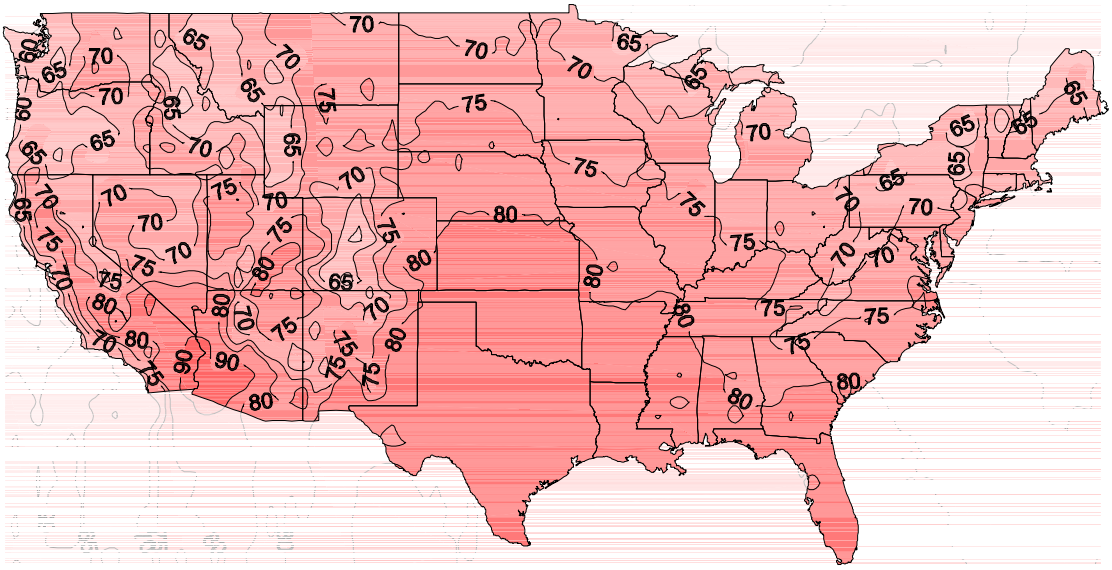


NOTE Contour maps are computer-generated and intended to show general temperature and precipitation patterns. Therefore, contours may not always account for individual datum points.

National Climatic Data Center, NOAA

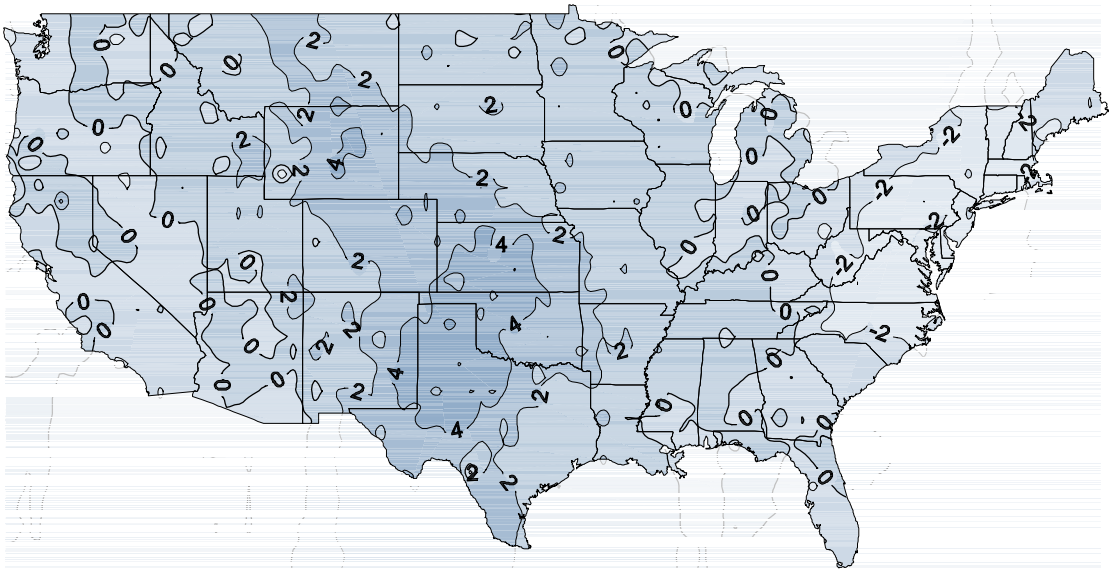
Average Temperature (Degrees F)

July 2001



Departure of Average Temperature from Normal (Degrees F)

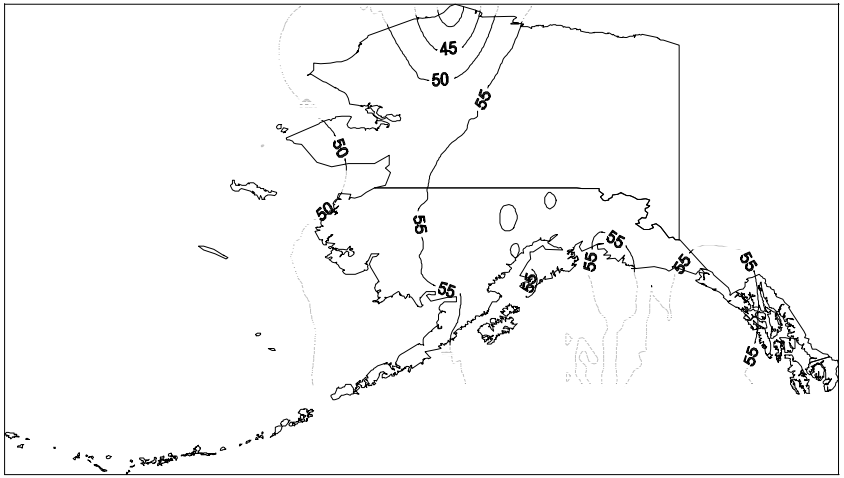
July 2001



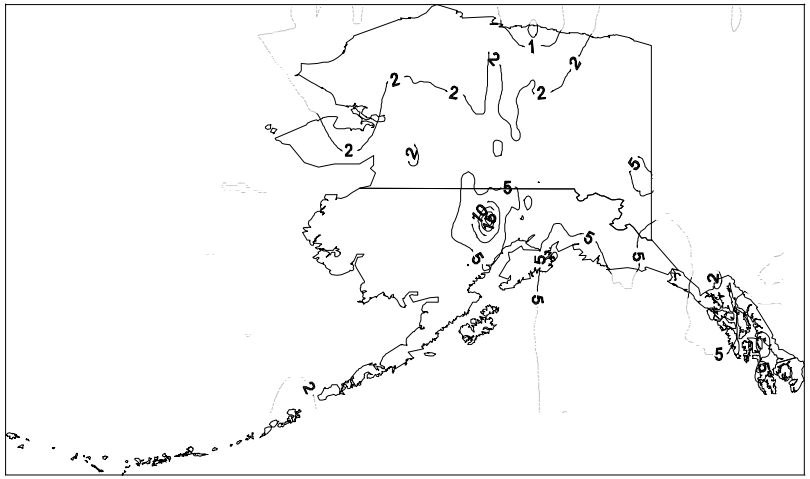
NOTE Contour maps are computer-generated and intended to show general temperature and precipitation patterns. Therefore, contours may not always account for individual datum points.

National Climatic Data Center, NOAA

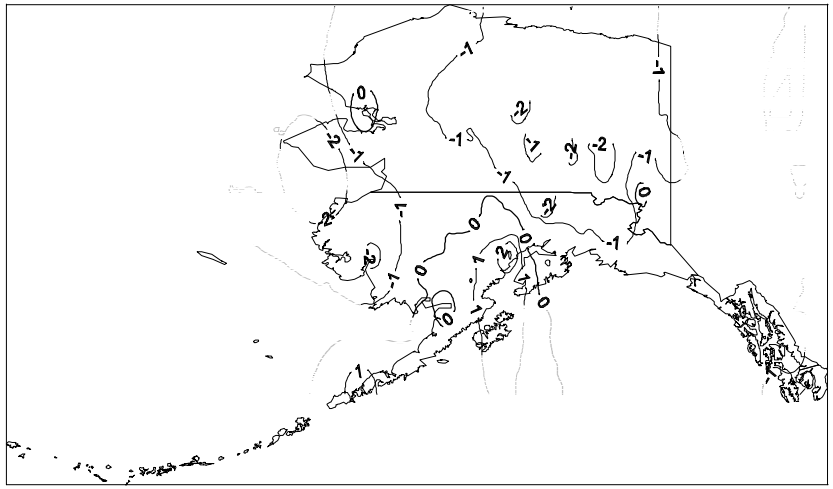
Average Temperature (Degrees F)
July 2001



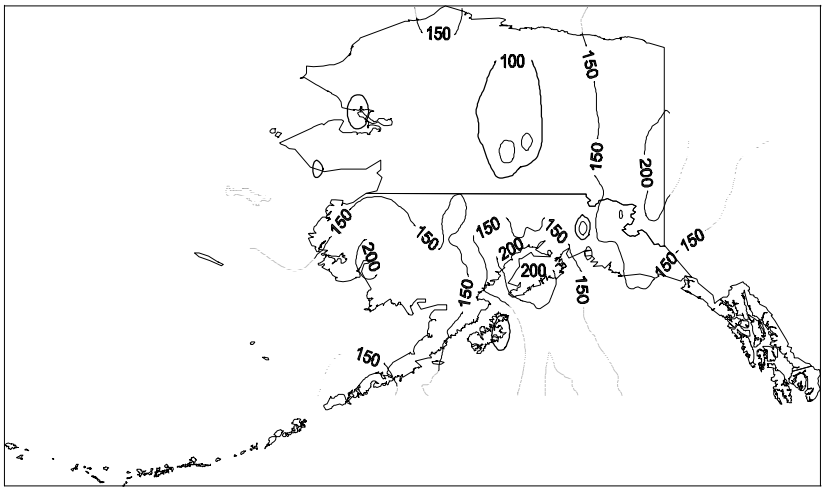
Alaska Precipitation (Inches)
July 2001



Departure of Average Temperature from Normal (Degrees F)
July 2001

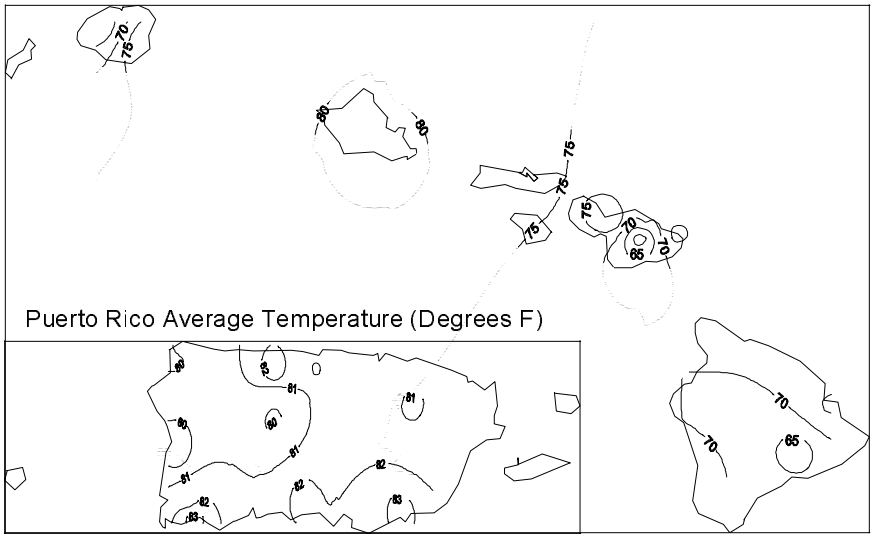


Percent of Normal Precipitation
July 2001

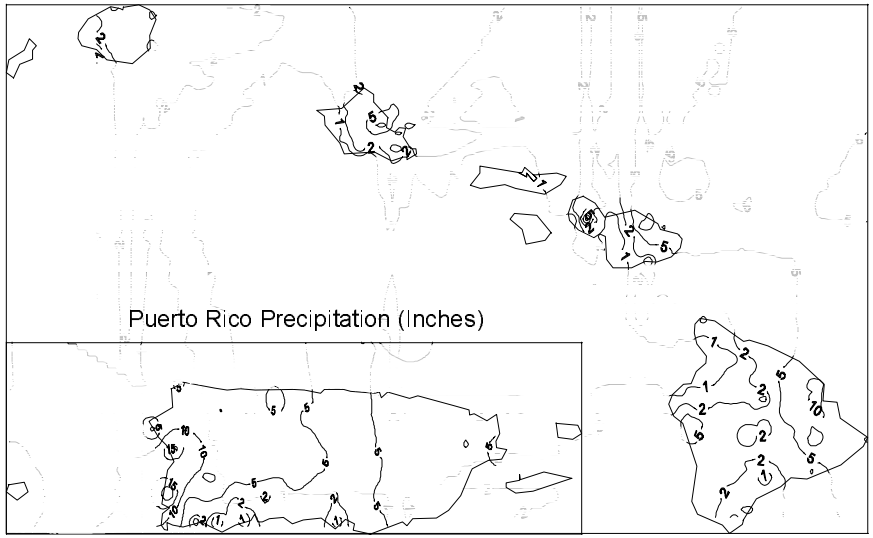


National Climatic Data Center, NOAA

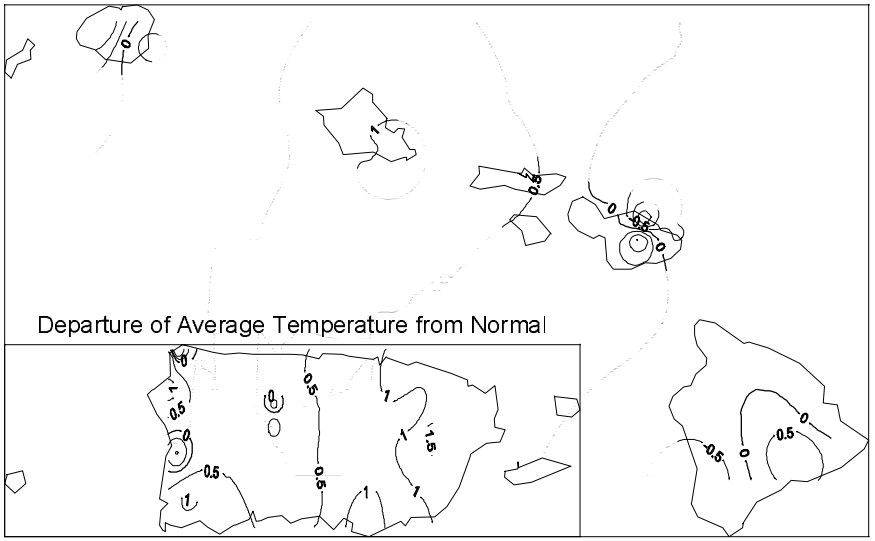
Hawaii Average Temperature (Degrees F)
July 2001



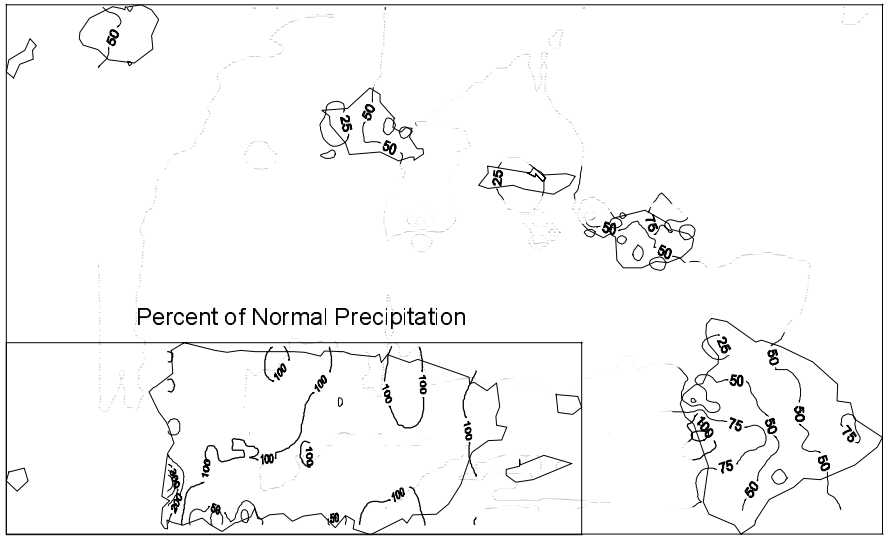
Hawaii Precipitation (Inches)
July 2001



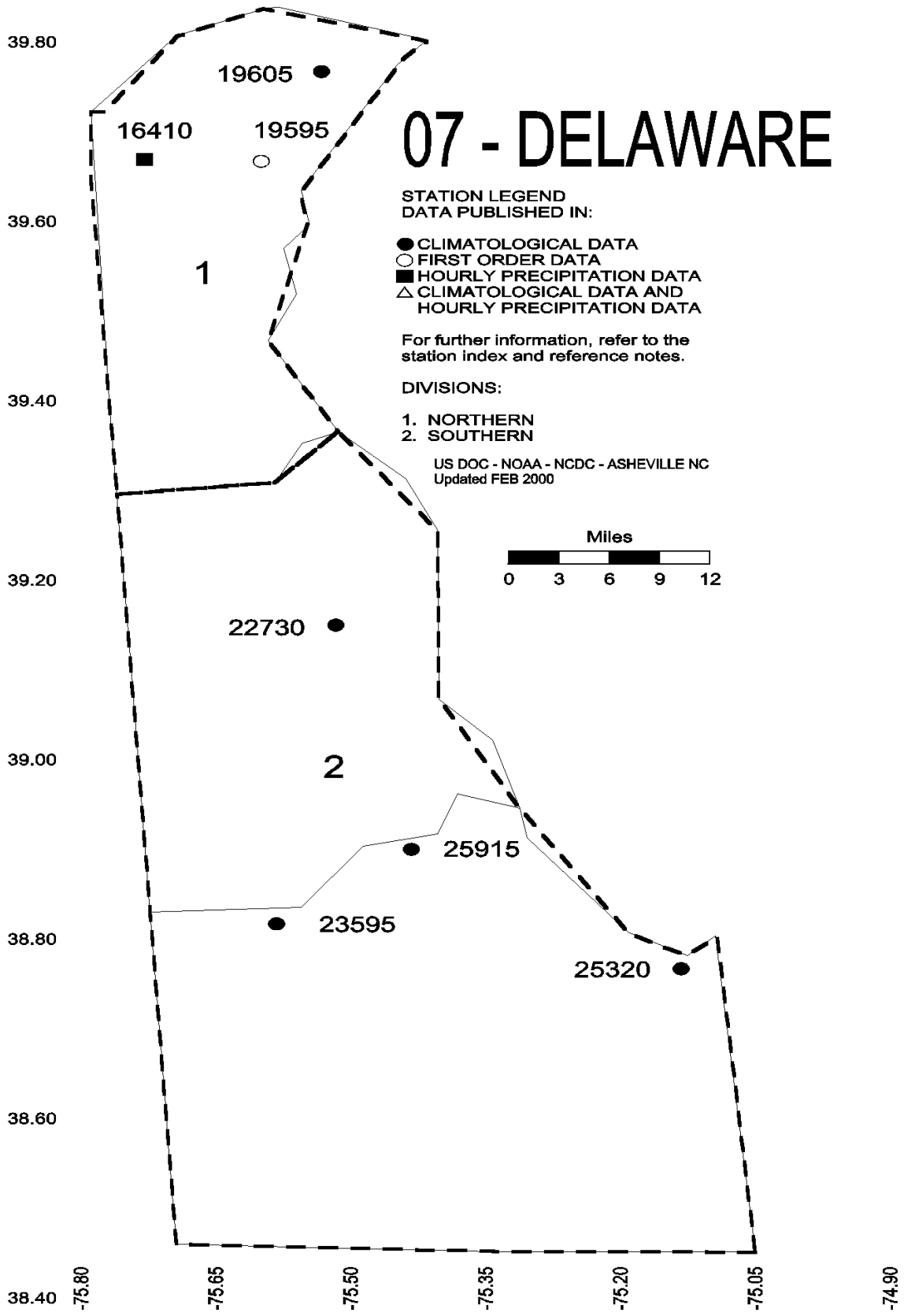
Departure of Average Temperature from Normal (Degrees F)
July 2001



Hawaii Percent of Normal Precipitation
July 2001



National Climatic Data Center, NOAA


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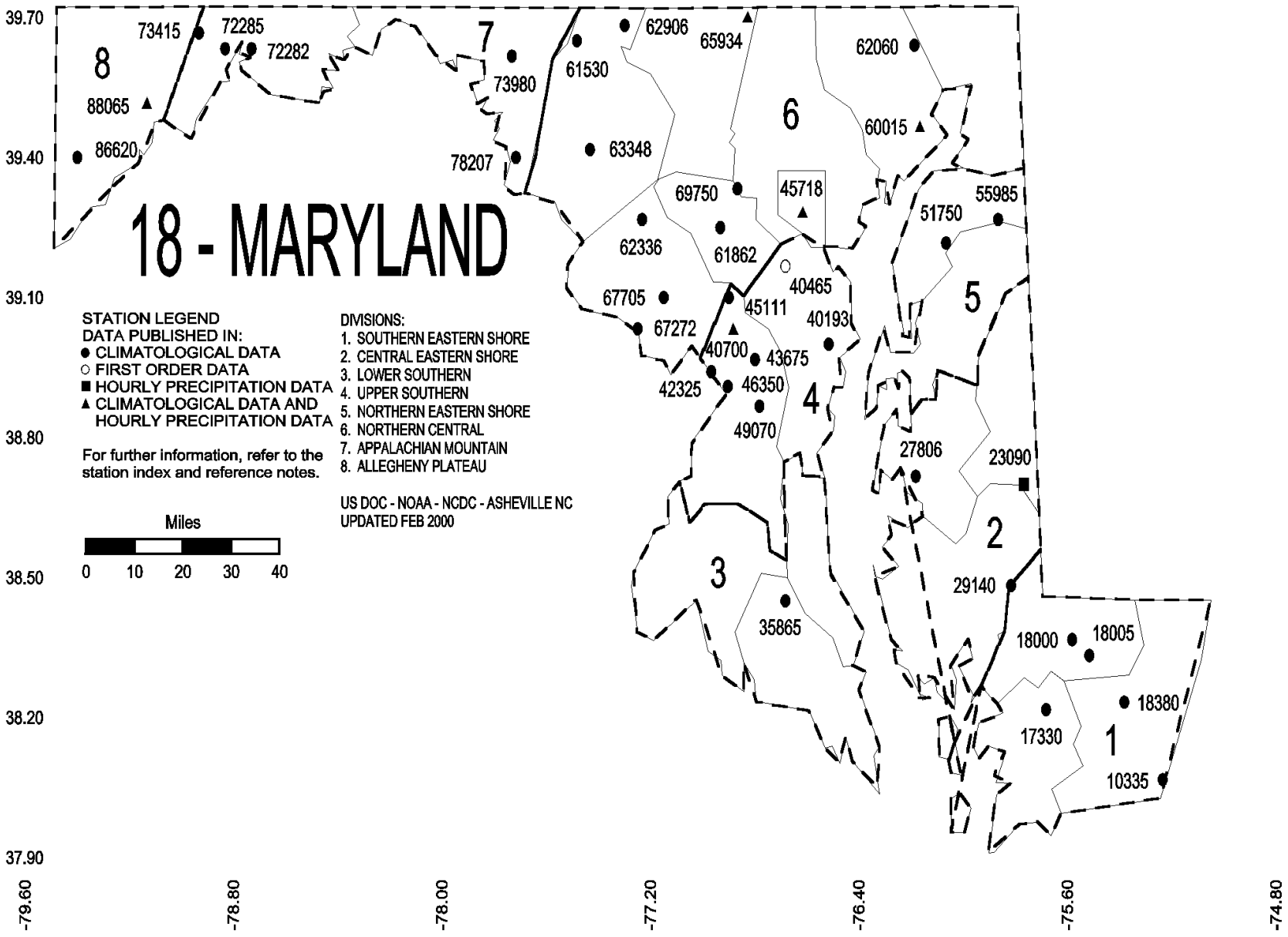
DIVISIONS:
1. NORTHERN
2. SOUTHERN
US DOC - NOAA - NCDC - ASHEVILLE NC
Updated FEB 2000
Miles
0 3 6 9 12
19605
16410
19595
1
22730
2
25915
23595
25320
39.80
39.60
39.40
39.20
39.00
38.80
38.60
38.40
-75.80
-75.65
-75.50
-75.35
-75.20
-75.05
-74.90


18 - MARYLAND
STATION LEGEND
DATA PUBLISHED IN:
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○ FIRST ORDER DATA
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▲ CLIMATOLOGICAL DATA AND HOURLY PRECIPITATION DATA
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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