

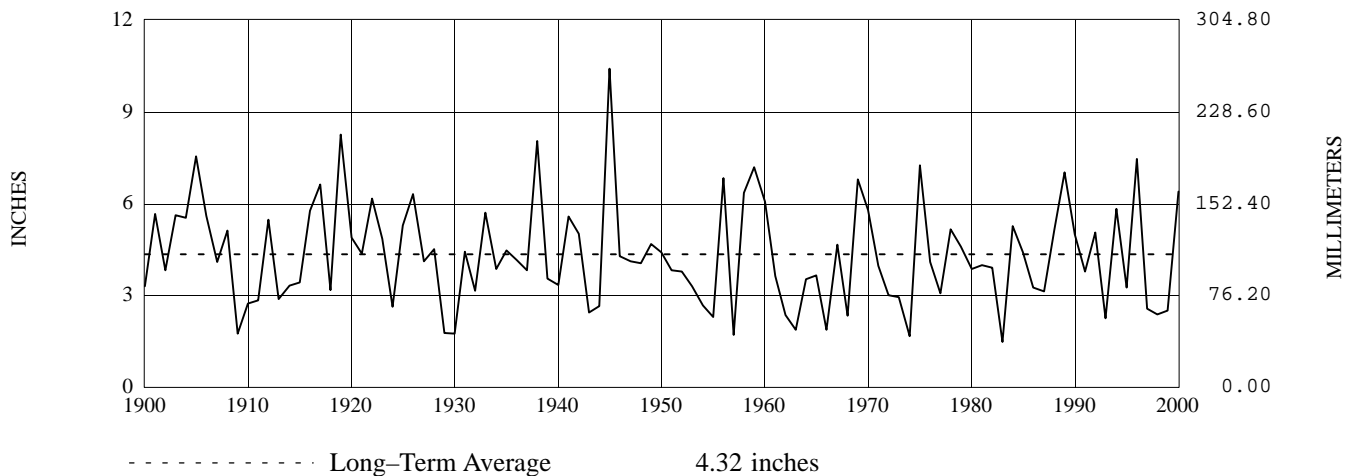
CLIMATOLOGICAL DATA

MARYLAND AND DELAWARE

JULY 2000

VOLUME 104 NUMBER 07

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MARYLAND AND DELAWARE PRECIPITATION JULY, 1900-2000

TEMPERATURE AND PRECIPITATION EXTREMES

MARYLAND

HIGHEST TEMPERATURE	94	JULY 31+	4 STATIONS
LOWEST TEMPERATURE	43	JULY 8	OAKLAND 1 SE
GREATEST TOTAL PRECIPITATION	9.44		MECHANICSVILLE 5 NE
LEAST TOTAL PRECIPITATION	2.49		HAGERSTOWN POLICE BRK
GREATEST 1 DAY PRECIPITATION	4.05	JULY 15	ROYAL OAK 2 SSW

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TEMPERATURE AND PRECIPITATION EXTREMES

DELAWARE

HIGHEST TEMPERATURE	92	JULY 11+	3 STATIONS
LOWEST TEMPERATURE	51	JULY 8	GREENWOOD 2 NE
GREATEST TOTAL PRECIPITATION	9.42		LEWES
LEAST TOTAL PRECIPITATION	3.95		NEWARK UNIVERSITY FARM
GREATEST 1 DAY PRECIPITATION	4.14	JULY 15	LEWES

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MONTHLY STATION AND DIVISION SUMMARY

STATION	TEMPERATURE (°F)														
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	HEATING DEGREE DAYS	COOLING DEGREE DAYS	NO. OF DAYS				
											MAX		MIN		
											90 OR ABOVE	32 OR BELOW	32 OR BELOW	0 OR BELOW	
MARYLAND															
SOUTHERN EASTERN SHORE 01															
ASSATEAGUE	81.7	65.0	73.4		93	10	59	8	0	264	2	0	0	0	
PRINCESS ANNE	M	M	M		92	11+	55	13+			2	0	0	0	
SALISBURY	83.0	65.9M	74.5M		90	10	57	25	0	295	1	0	0	0	
SALISBURY FAA ARPT	82.8	63.9	73.4	-2.4	91	10	55	8	0	270	1	0	0	0	
SNOW HILL 4 N	83.4	64.1	73.8	-2.0	92	10	52	8	0	280	1	0	0	0	
--DIVISIONAL DATA----->			73.8	-2.8											
CENTRAL EASTERN SHORE 02															
ROYAL OAK 2 SSW	83.6	64.7	74.2	-3.3	92	10	54	8	0	294	1	0	0	0	
VIENNA	85.4	65.9M	75.7M	-2.1	94	10	56	8	0	341	5	0	0	0	
--DIVISIONAL DATA----->			75.0	-2.4											
LOWER SOUTHERN MECHANICSVILLE 5 NE 03															
MECHANICSVILLE 5 NE	80.6	64.0	72.3	-3.9	89	10	53	8	0	235	0	0	0	0	
--DIVISIONAL DATA----->			72.3	-4.3											
UPPER SOUTHERN ANNAPOLIS POLICE BRKS 04															
ANNAPOLIS POLICE BRKS	85.4	63.9	74.7	-2.9	94	10	52	8	0	305	4	0	0	0	
BALTIMORE WSO ARPT	R	81.8	63.6	72.7	-4.3	91	10	53	8	0	245	1	0	0	0
BELTSVILLE	81.9	63.9	72.9	-2.7	92	11	51	8	0	254	3	0	0	0	
DALECARLIA RESERVOIR	M	M	M												
GLENN DALE BELL STN	82.5	61.2	71.9	-3.6	92	10+	48	8	1	221	3	0	0	0	
LAUREL 3 W	83.1	64.2	73.7	-3.3	91	10	55	8	0	277	3	0	0	0	
MD SCI CTR BALTIMORE	R	83.5	68.9	76.2		93	10	63	20+	0	354	4	0	0	0
NATIONAL ARBORETUM DC	86.0	63.6	74.8	-2.2	94	31+	55	8	0	312	8	0	0	0	
UPPER MARLBORO 3 NNW	81.5	62.8	72.2	-3.1	91	11	52	8	0	229	1	0	0	0	
--DIVISIONAL DATA----->			73.6	-3.0											
NORTHERN EASTERN SHORE 05															
CHESTERTOWN	83.1	62.4	72.8	-4.0	91	18+	54	8	0	246	3	0	0	0	
MILLINGTON 1 SE	M	M	M		89	10	52	8			0	0	0	0	
--DIVISIONAL DATA----->			72.8	-3.7											
NORTHERN CENTRAL ABERDEEN PHILLIPS FIEL 06															
CATOCTIN MOUNTAIN PARK	77.5	60.4	69.0		91	11+	57	13			2	0	0	0	
CLARKSVILLE 3 NNE	82.1	60.2M	71.2M		88	16	52	8	4	133	0	0	0	0	
CONOWINGO DAM	84.7	63.9M	74.3M		90	10	49	8	0	194	1	0	0	0	
DAMASCUS 3 SSW	78.7	60.9	69.8		94	10	60	22+	0	299	6	0	0	0	
EMMITTSBURG 2 SE	80.8	60.7	70.8	-3.3	87	10	50	8	5	160	0	0	0	0	
FREDERICK POLICE BRKS	83.7	63.2	73.5		87	10	50	8	0	186	0	0	0	0	
MILLERS 4 NE	80.0	61.0	70.5		90	1	56	8	0	267	1	0	0	0	
ROCKVILLE 1 NE	80.9	64.5	72.7	-2.0	87	10	51	8	1	178	0	0	0	0	
--DIVISIONAL DATA----->			71.5	-3.7	89	18	55	8	0	245	0	0	0	0	
APPALACHIAN MOUNTAIN 07															
CUMBERLAND 2	83.3	60.6	72.0	-3.1	90	9	51	7	0	222	1	0	0	0	
CUMBERLAND POLICE BRK	81.1	59.4	70.3		90	9	48	9+	2	173	1	0	0	0	
FROSTBURG 2	74.8	56.2	65.5		83	10	46	8	34	58	0	0	0	0	
HAGERSTOWN POLICE BRK	81.3	60.1	70.7		87	19+	50	8	3	187	0	0	0	0	
SHARPSBURG 5 S	80.9	59.1	70.0		88	31	46	8	6	167	0	0	0	0	
--DIVISIONAL DATA----->			69.7	-3.5											
ALLEGHENY PLATEAU OAKLAND 1 SE 08															
OAKLAND 1 SE	75.7	56.2	66.0	-1.7	82	9	43	8	31	68	0	0	0	0	
SAVAGE RIVER DAM	75.3	57.5	66.4	-3.0	82	19+	48	8	28	77	0	0	0	0	
--DIVISIONAL DATA----->			66.2	-1.8											
DELAWARE															
NORTHERN NEWARK UNIVERSITY FARM 01															
NEWARK UNIVERSITY FARM	83.7	63.4	73.6	-2.4	92	10	54	8	0	272	5	0	0	0	
WILMINGTON WSO ARPT	R	81.0	64.8	72.9	-3.5	91	10	53	8	0	253	1	0	0	0
WILMINGTON PORTER RSVR	80.7	65.1	72.9	-2.3	90	10	57	8	0	254	1	0	0	0	
--DIVISIONAL DATA----->			73.1	-2.8											
SOUTHERN DOVER 02															
DOVER	80.5	65.1	72.8	-4.4	88	11+	55	8	0	250	0	0	0	0	
GREENWOOD 2 NE	82.1	63.7	72.9		92	11	51	8	0	254	1	0	0	0	
LEWES	82.5	67.8	75.2	-.7	92	10	62	9	0	325	3	0	0	0	
MILFORD 2 SE	82.1	64.4M	73.3M	-3.3	90	11	54	8	0	264	1	0	0	0	
--DIVISIONAL DATA----->			73.6	-2.8											

MONTHLY STATION AND DIVISION SUMMARY

STATION	PRECIPITATION (IN)									
	TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	SLEET, SNOW			NO. OF DAYS		
					TOTAL	MAX. DEPTH ON GROUND	DATE	.10 OR MORE	.50 OR MORE	1.00 OR MORE
MARYLAND										
SOUTHERN EASTERN SHORE 01										
ASSATEAGUE	5.92		2.36	20	.0	0		8	4	2
PRINCESS ANNE	5.95	1.95			.0	0		3	3	0
SALISBURY	5.83	1.81	1.75	15	.0	0		8	3	3
SALISBURY FAA ARPT	6.15	1.82	1.61	26	.0	0		10	3	3
SNOW HILL 4 N	5.44	1.34	1.55	20	.0	0		7	5	1
--DIVISIONAL DATA----->	5.86	1.81			.0					
CENTRAL EASTERN SHORE 02										
ROYAL OAK 2 SSW	9.25	5.29	4.05	15	.0	0		9	4	3
VIENNA M	6.85		3.10	15	.0	0		5	2	2
--DIVISIONAL DATA----->	9.25	5.31			.0					
LOWER SOUTHERN 03										
MECHANICSVILLE 5 NE	9.44	5.22	2.68	20	.0	0		8	6	4
--DIVISIONAL DATA----->	9.44	5.48			.0					
UPPER SOUTHERN 04										
ANNAPOLIS POLICE BRKS	8.79	5.21	2.81	26+	.0	0		14	4	2
BALTIMORE WSO ARPT R	5.64	1.95	1.74	26	.0	0		11	5	1
BELTSVILLE	6.14	2.05	1.25	17	.0	0		10	5	3
DALECARLIA RESERVOIR					M	M				
GLENN DALE BELL STN	6.02	1.86	1.66	17	.0	0		10	4	2
LAUREL 3 W	5.13	1.15	.94	26	.0	0		13	4	0
MD SCI CTR BALTIMORE R	7.56		2.37	26	M	M		10	6	1
NATIONAL ARBORETUM DC	4.76	.38	1.07	15	.0	0		10	3	1
UPPER MARLBORO 3 NNW	7.41	3.39	2.39	4	.0	0		8	4	3
--DIVISIONAL DATA----->	6.43	2.42			.0					
NORTHERN EASTERN SHORE 05										
CHESTERTOWN	7.70	4.00	1.53	15	.0	0		13	5	3
MILLINGTON 1 SE	5.87	2.08			.0	0		5	3	1
--DIVISIONAL DATA----->	6.79	2.99			.0					
NORTHERN CENTRAL 06										
ABERDEN PHILLIPS FIEL	5.01	1.05			.0	0		3	1	1
CATOCTIN MOUNTAIN PARK	5.36		1.00	20	.0	0		9	5	1
CLARKSVILLE 3 NNE	3.89		.83	14	.0	0		10	3	0
CONOWINGO DAM	8.19	3.95	3.35	15	.0	0		8	4	3
DAMASCUS 3 SSW	4.66		1.52	15	.0	0		8	2	1
EMMTSBURG 2 SE	6.63	3.39	1.68	15	.0	0		11	5	2
FREDERICK POLICE BRKS	4.31		1.27	15	.0	0		11	3	1
MILLERS 4 NE	4.58		1.74	15	.0	0		9	3	1
ROCKVILLE 1 NE	5.38	1.67	1.03	31	.0	0		9	5	1
--DIVISIONAL DATA----->	5.33	1.53			.0					
APPALACHIAN MOUNTAIN 07										
CUMBERLAND 2	3.26	-.11	.80	24	.0	0		10	2	0
CUMBERLAND POLICE BRK	4.37		1.00	31	.0	0		10	3	1
FROSTBURG 2	2.67		.55	11	.0	0		8	1	0
HAGERSTOWN POLICE BRK	2.49		1.20	19	.0	0		9	1	1
SHARPSBURG 5 S	7.71		3.07	15	.0	0		11	3	3
--DIVISIONAL DATA----->	4.10	.56			.0					
ALLEGHENY PLATEAU 08										
OAKLAND 1 SE	5.52	.40	1.24	19	.0	0		12	4	2
SAVAGE RIVER DAM	4.02	-.19	1.00	20	.0	0		7	3	1
--DIVISIONAL DATA----->	4.77	-.09			.0					
DELAWARE										
NORTHERN 01										
NEWARK UNIVERSITY FARM	3.95	-.57	1.25	15	.0	0		6	2	2
WILMINGTON WSO ARPT R	4.64	.41	2.05	26	M	M		7	3	1
WILMINGTON PORTER RSVR	6.15	1.76	2.15	26	.0	0		9	3	3
--DIVISIONAL DATA----->	4.91	.69			.0					
SOUTHERN 02										
DOVER	5.18	1.03	1.10	26	.0	0		9	3	1
GREENWOOD 2 NE	6.42		2.57	15	.0	0		8	4	3
LEWES	9.42	5.44	4.14	15	.0	0		8	3	3
MILFORD 2 SE	6.79	3.19	3.16	15	.0	0		4	4	2
--DIVISIONAL DATA----->	6.95	3.06			.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				.02	.27						.24					1.00
ASSATEAGUE	5.92				.72							.84			*	*
PRINCESS ANNE	5.95				.43							.34			.20	1.75
SALISBURY	5.83				.48										.32	1.19
SALISBURY FAA ARPT	6.15			.02	.47							.27		T	.02	.88
SNOW HILL 4 N	5.44												.71			
CENTRAL EASTERN SHORE 02																
ROYAL OAK 2 SSW	9.25				.20								.39		T	4.05
VIENNA	M 6.85				-								.03			3.10
LOWER SOUTHERN MECHANICSVILLE 5 NE 03																
UPPER SOUTHERN 04	9.44				.96	.08		T			.22	T		T	T	1.70
ANNAPOLIS POLICE BRKS	8.79		.10		.43						.81			.11		2.81
BALTIMORE WSO ARPT R	5.64			.54	.04			.01			.07	T		.15	.75	.26
BELTSVILLE	6.14				.33							.22			T	1.15
DALECARLIA RESERVOIR M		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GLENN DALE BELL STN	6.02				.22										.01	1.59
LAUREL 3 W	5.13			.06				.01	.01		.69			.13	.12	.85
MD SCI CTR BALTIMORE R	7.56			.73	.05						.15			.07	.99	.87
NATIONAL ARBORETUM DC	4.76				.37			T				.14	T			1.07
UPPER MARLBORO 3 NNW	7.41				2.39							.07			T	1.41
NORTHERN EASTERN SHORE 05																
CHESTERTOWN	7.70			T	.38						.47			T	.49	1.53
MILLINGTON 1 SE	5.87						.17				.12	T				1.67
NORTHERN CENTRAL 06																
ABERDEEN PHILLIPS FIEL	5.01	*	*	*	*	.02	*	.01	*	*	.11	T	*	.01	.07	*
CATOCTIN MOUNTAIN PARK	5.36			.16	.03			.08	.01		.53	.09		.39	.05	.70
CLARKSVILLE 3 NNE	3.89			.21	.06			.02			.29			.13	.83	.19
CONOWINGO DAM	8.19				.10						.09				.08	3.35
DAMASCUS 3 SSW	4.66			.08	.04						.29	.01		.09	T	1.52
EMMITSBURG 2 SE	6.63			T	T			.04			.37	.06		.86	.10	1.68
FREDERICK POLICE BRKS	4.31				.17						.50					1.27
MILLERS 4 NE	4.58			.06	.14						.13	T		.31	.13	1.74
POTOMAC FILTER PLANT	4.35			.18					.07		.15				.07	.60
ROCKVILLE 1 NE	5.38			.79	.02			T			.20	T		.01	.95	.02
APPALACHIAN MOUNTAIN 07																
CUMBERLAND 2	3.26				.42							.32				.05
CUMBERLAND POLICE BRK	4.37			.16	.26							.73				.16
FROSTBURG 2	2.67				.38	.01		T				.55	T			.12
HAGERSTOWN POLICE BRK	2.49				.10						.15			.15		.18
SHARPSBURG 5 S	7.71				.13	.02		T				.39			.16	3.07
ALLEGHENY PLATEAU 08																
OAKLAND 1 SE	5.52	.01		.19	.12	.05					.60	1.19				.30
SAVAGE RIVER DAM	4.02				.37							.77				.08
DELAWARE																
NORTHERN 01																
NEWARK UNIVERSITY FARM	3.95				.05						.03			T	.03	1.25
WILMINGTON WSO ARPT R	4.64			.04	.05			.01			T				.81	.35
WILMINGTON PORTER RSVR	6.15			1.00	.10			.05							.45	.30
SOUTHERN 02																
DOVER	5.18				.47						T	.03				.94
GREENWOOD 2 NE	6.42				.27							.52				2.57
LEWES	9.42				.15							.44	T		.07	4.14
MILFORD 2 SE	6.79				.72	.03						.05				3.16

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	.02			.37	2.36				.84	.08	.05	.17		.50		
PRINCESS ANNE	*	1.74		*	.91				.07	.55	*	.28		*	*	.84
SALISBURY	.03	T		.05	1.25				.02	.20	1.35	.03		.11	.07	
SALISBURY FAA ARPT	.06			.38	1.12				.23	.26	1.61	T		.15	T	.06
SNOW HILL 4 N	T			.04	1.55				.07	.58	.76			.31		.05
CENTRAL EASTERN SHORE 02																
ROYAL OAK 2 SSW	.42			.16	1.58				.03	.07	1.37			.75	.21	.02
VIENNA				.30	2.50				.07	.07	.38			.40		
LOWER SOUTHERN MECHANICSVILLE 5 NE 03																
MECHANICSVILLE 5 NE	.68	T		.10	2.68				.05	T	1.52	T		.03	.01	1.41
UPPER SOUTHERN ANNAPOLIS POLICE BRKS 04				.20	.55		.10		.16		2.81	.20	.11	.30		
BALTIMORE WSO ARPT R	.10			.66	.02	.10	T		.15	T	1.74	.05	.55		.38	.17
BELTSVILLE		1.25		.11	.58				.04	.22	.77	.38		1.03		.06
DALECARLIA RESERVOIR	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GLENN DALE BELL STN		1.66		.12	.54		.17			.26	.40	.90			.01	
LAUREL 3 W	.15		.05	.37	.19	.18	.10		.25		.94	.10	.78		.08	.07
MD SCI CTR BALTIMORE R	.07		.07	.52	.02	.14			.16		2.37	.09	.83		.42	.01
NATIONAL ARBORETUM DC	.20	.40	T	T	.52	T	.05	T	T	.25	.43	.40	T	.91	T	.02
UPPER MARLBORO 3 NNW	.02	.09			.50					.30	.39	1.30		.46		.48
NORTHERN EASTERN SHORE 05																
CHESTERTOWN	.06			.60	.28	.46	.15		.13		1.20	.04	.18	.02	.63	1.08
MILLINGTON 1 SE	.77			T	.84		*	*	*	*	*	*	*	*	*	2.30
NORTHERN CENTRAL ABERDEEN PHILLIPS FIEL 06		1.97	*	.04	.27	*	*	*	.15	.01	1.77	.12	*	*	*	.46
CATOCTIN MOUNTAIN PARK	.04		.70	.70	1.00				.25	.08	.09	.07		.37	.01	.01
CLARKSVILLE 3 NNE	.08		.06	.50	.05	.13	.08	.01	.30		.50	.02	.43			
CONOWINGO DAM	.35	.20			.60				.01	.06	.35	1.50		1.50		
DAMASCUS 3 SSW	.04		.01	.34	.08	.03	.04		.24		.17		.87		.40	.41
EMMITSBURG 2 SE	.84	.01	.03	1.14	.03		T		.24		.20	.13		.60	T	.30
FREDERICK POLICE BRKS	.25	.10	.07	.70	.12				.28	.15	.25	.05		.40		
MILLERS 4 NE	.08	T	T	.70	.08		T		.13	.02	.65	.04		.36	.01	T
POTOMAC FILTER PLANT	.02			.36	.15	.20	.39		.28		.23	.03	1.45	.02		.15
ROCKVILLE 1 NE	.08		.23	.54	.04		.04		.30		.32	.02	.75		.04	1.03
APPALACHIAN MOUNTAIN 07																
CUMBERLAND 2	.10	.13		.12	.28				.80	.15				.38	.01	.50
CUMBERLAND POLICE BRK	.14			.35	.10				.98	.06			.38	.05		1.00
FROSTBURG 2	.07			.15	.36		.04		.46	.27		T		.15	.04	.07
HAGERSTOWN POLICE BRK	.12	T		1.20				.20	.20					.19		
SHARPSBURG 5 S	.27	.47		.13	1.05		.04		.28	.18	.02	.04		1.40	T	.06
ALLEGHENY PLATEAU 08																
OAKLAND 1 SE	.31	.24		1.24	.16		.05		.10	.05			T	.27		.64
SAVAGE RIVER DAM		.05		.41	1.00				.04	.15				.79	.07	.29
DELAWARE																
NORTHERN NEWARK UNIVERSITY FARM 01				.37			.05		.04	.08	1.09	.44		.03		.37
WILMINGTON WSO ARPT R	.01			.58	.02	.35	T		.11		2.05	.03	.02	T	.03	.18
WILMINGTON PORTER RSVR				.46	.04				.14	.02	2.15	1.10			.04	.30
SOUTHERN DOVER 02																
DOVER	.15	.24		T	.92		.45		T	.02	1.10	.48		.03		.35
GREENWOOD 2 NE	.22	.01		.02	1.10				.08	.06	1.24		.01		.10	.22
LEWES	T			.05	1.63				.03	.16	1.96	.42		.09	.09	.19
MILFORD 2 SE	.06				.80					.07	.06	1.64	*	*	*	.20

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	I IN ON GD	SNOWFALL	I IN ON GD	SNOWFALL	I IN ON GD	SNOWFALL	I IN ON GD	SNOWFALL	I IN ON GD	SNOWFALL	I IN ON GD	SNOWFALL	I IN ON GD	SNOWFALL	I IN ON GD	SNOWFALL	I IN ON GD	SNOWFALL	I IN ON GD	SNOWFALL	I IN ON GD	SNOWFALL	I IN ON GD	SNOWFALL	I IN ON GD		
MARYLAND																												
SOUTHERN EASTERN SHORE 01																												
PRINCESS ANNE																												
SALISBURY FAA ARPT												T	0	14.0	-	-												
SNOW HILL 4 N												.1	0	9.4	13	1.5	-											
CENTRAL EASTERN SHORE 02														8.3	12	5.5	4											
ROYAL OAK 2 SSW														18.3	11	1.5	9											
LOWER SOUTHERN MECHANICSVILLE 5 NE 03																												
UPPER SOUTHERN ANNAPOLIS POLICE BRKS 04																												
BALTIMORE WSO ARPT R																												
BELTSVILLE																												
DALECARLIA RESERVOIR																												
LAUREL 3 W																												
NATIONAL ARBORETUM DC																												
UPPER MARLBORO 3 NNW																												
NORTHERN EASTERN SHORE 05																												
CHESTERTOWN																												
NORTHERN CENTRAL ABERDEEN PHILLIPS FIEL																												
CATOCTIN MOUNTAIN PARK																												
CLARKSVILLE 3 NNE																												
CONOWINGO DAM																												
DAMASCUS 3 SSW																												
EMMITSBURG 2 SE																												
FREDERICK POLICE BRKS																												
MILLERS 4 NE																												
POTOMAC FILTER PLANT																												
ROCKVILLE 1 NE																												
APPALACHIAN MOUNTAIN 07																												
CUMBERLAND 2																												
CUMBERLAND POLICE BRK																												
FROSTBURG 2																												
HAGERSTOWN POLICE BRK																												
SHARPSBURG 5 S																												
ALLEGHENY PLATEAU 08																												
OAKLAND 1 SE																												
SAVAGE RIVER DAM																												
DELAWARE																												
NORTHERN 01																												
NEWARK UNIVERSITY FARM																												
WILMINGTON PORTER RSVR																												
SOUTHERN 02																												
DOVER																												
GREENWOOD 2 NE																												
LEWES																												
MILFORD 2 SE																												

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

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	83	83	90	83	77	80	83	81	73	71	82	84	80	81	85	86	81.7
	63	65	70	65	64	63	63	60	63	63	70	69	70	71	73	74	65.0
PRINCESS ANNE																	
SALISBURY	79	85	88	87	78	82	82	83	80	73	78	80	84	84	87	88	83.0
	65	66	69	67	64	64	70	65	68	57	66	70	69	68	73	73	65.9
SALISBURY FAA ARPT	80	87	88	79	79	83	85	82	73	71	81	82	86	85	89	88	82.8
	61	64	66	64	64	62	64	62	62	62	69	67	67	68	72	73	63.9
SNOW HILL 4 N	82	86	88	87	77	83	82	82	77	71	82	83	84	82	86	87	83.4
	61	63	65	68	63	68	67	68	65	61	66	71	63	67	68	72	64.1
CENTRAL EASTERN SHORE 02																	
ROYAL OAK 2 SSW	82	85	88	85	78	84	84	79	79	76	77	78	86	86	87	88	83.6
	61	61	65	66	61	63	67	60	66	65	67	69	65	66	71	71	64.7
VIENNA	81	86	91	90	84	84	85	86	83	73	78	80	87	87	89	89	85.4

LOWER SOUTHERN MECHANICSVILLE 5 NE 03																	
		65	66	63	60	64	63	63	66	68	66	69	67	66	72	72	65.9
UPPER SOUTHERN ANNAPOLIS POLICE BRKS 04																	
	80	82	87	78	77	82	80	80	73	72	72	78	83	82	84	85	80.6
	62	61	61	65	60	62	65	61	66	64	67	67	65	64	69	69	64.0
BALTIMORE WSO ARPT	83	85	88	86	84	84	91	84	83	82	74	80	86	85	86	82	85.4
	62	66	60	61	58	60	61	62	65	68	65	65	64	66	65	73	63.9
BELTSVILLE	79	83	89	78	79	82	82	79	72	77	70	78	83	82	84	86	81.8
	62	61	67	62	61	61	62	60	64	61	66	67	65	63	73	71	63.6
DALECARLIA RESERVOIR	78	78	84	91	72	79	83	82	79	68	77	71	78	83	83	87	81.9
	62	61	64	69	61	63	62	61	66	63	65	66	63	64	66	69	63.9
GLENN DALE BELL STN	79	84	91	73	79	85	84	79	68	76	68	77	84	84	86	87	82.5
	61	59	63	61	59	58	61	59	62	59	64	66	63	64	66	67	61.2
LAUREL 3 W	80	83	90	77	80	84	83	80	72	77	71	78	84	87	87	87	83.1
	62	63	68	61	59	63	62	62	63	61	64	65	65	63	71	70	64.2
MD SCI CTR BALTIMORE	81	85	90	79	80	85	84	80	74	78	71	80	83	83	84	86	83.5
	67	68	74	63	63	67	68	69	68	67	66	68	68	69	74	74	68.9
NATIONAL ARBORETUM DC	82	83	89	85	75	89	89	85	83	71	80	73	81	89	88	94	86.0
					94												
UPPER MARLBORO 3 NNW	65	63	64	68	61	58	60	62	63	61	62	61	65	62	68	70	63.6
	79	80	84	89	73	79	83	82	79	68	76	70	77	82	82	84	81.5
	62	61	64	69	60	60	62	60	62	61	63	66	64	63	64	68	62.8
NORTHERN EASTERN SHORE 05																	
CHESTERTOWN	82	85	91	75	81	85	85	80	67	76	73	78	85	86	85	89	83.1
	59	59	65	59	57	60	61	60	63	62	62	65	65	64	70	68	62.4
MILLINGTON 1 SE	79	80	87	86	77	81											
	60	62	67	64	60	61											
NORTHERN CENTRAL ABERDEEN PHILLIPS FIEL 06																	
		81	87	87	78	83			70	75	75	77	82			86	
		64	66	62	60	60			68	64	66	68	68			71	
CATOCTIN MOUNTAIN PARK	88	86	81	77	76	70	72	72	68	73	70	73	79	74	82	83	77.5
	60	59	66	56	58	60	58	56	59	58	59	62	63	60	60	68	60.4
CLARKSVILLE 3 NNE	83	84	87	71	79	82	83	81	68	78	69	79	84	82	85	86	82.1
															70	***	***
CONOWINGO DAM	60	60	62	61	60	56	59	58	62	60	64	65	61	64			60.2
	83	86	91	76	82	86	85	85	72	82	70	80	86	85	85	88	84.7
	***				***	82	86	85	85	72	82	70	80	85			
DAMASCUS 3 SSW		64	64	64		60	60	61	61	63	64	66	64	69	72	74	63.9
	78	80	84	72	75	80	79	74	68	75	69	74	82	80	82	83	78.7
EMMITSBURG 2 SE	61	58	64	58	58	56	59	58	61	60	61	54	62	64	69	69	60.9
FREDERICK POLICE BRKS	80	80	85	84	74	79	79	77	76	78	78	78	82	80	85	85	80.8
	61	58	63	61	60	55	58	55	64	62	61	61	59	65	69	69	60.7
MILLERS 4 NE	83	83	87	87	78	80	82	82	82	82	82	80	83	83	86	86	83.7
	63	60	68	61	60	60	60	60	60	60	60	66	63	63	63	63	63.2
ROCKVILLE 1 NE	78	79	84	83	76	78	79	78	75	77	75	74	81	79	83	85	80.0
	59	62	65	59	58	57	56	55	63	59	61	64	59	62	70	71	61.0
APPALACHIAN MOUNTAIN CUMBERLAND 2 07																	
	76	82	89	76	78	82	81	78	70	76	69	78	82	84	87	88	80.9
	62	61	67	61	61	62	64	63	63	62	64	67	64	64	72	70	64.5
CUMBERLAND POLICE BRK	78	84	89	86	80	82	82	77	74	78	75	87	86	75	88	87	83.3
	59	60	62	62	56	57	54	56	60	60	62	64	64	65	67	68	60.6
	78	82	85	81	77	80	79	75	75	74	74	84	82	73	89	82	81.1

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	MIN	52	53	60	67	64	55	55	48	48	76	65	58	60	61	61
		MAX	73	76	80	76	80	79	78	72	77	83	79	73	77	76	81
		MIN	51	53	53	61	61	55	55	46	50	54	61	56	56	59	57
HAGERSTOWN POLICE BRK	17	MAX	81	82	84	85	84	84	78	77	85	86	87	79	80	84	80
		MIN	58	59	57	70	68	58	58	50	56	60	68	62	63	63	64
		OBS						69	44								
SHARPSBURG 5 S	07	MAX	80	82	86	87	85	83	83	78	78	87	87	82	83	73	87
		MIN	54	55	57	63	65	55	56	46	48	57	69	59	59	61	63
ALLEGHENY PLATEAU 08 OAKLAND 1 SE	17	MAX	72	78	77	78	78	78	77	76	82	81	74	75	80	79	77
		MIN	49	48	53	64	64	50	57	43	48	68	65	56	62	59	56
SAVAGE RIVER DAM	08	MAX	74	76	79	80	80	78	81	76	77	82	77	77	74	76	79
		MIN	52	52	53	57	64	54	57	48	49	54	65	59	60	62	59
DELAWARE																	
NORTHERN 01 NEWARK UNIVERSITY FARM	17	MAX	84	87	90	91	87	85	79	78	88	92	90	84	85	81	75
		MIN	62	59	58	69	70	61	62	54	58	72	70	62	58	64	61
WILMINGTON WSO ARPT	MID	MAX	84	85	87	84	85	81	79	79	85	91	83	82	83	79	74
		MIN	60	59	68	71	68	63	61	53	60	74	67	64	61	67	64
WILMINGTON PORTER RSVR	MID	MAX	83	86	88	85	84	80	77	79	86	90	82	82	84	75	73
		MIN	64	63	68	70	71	64	61	57	61	73	70	64	62	68	64
SOUTHERN 02 DOVER	17	MAX	80	84	86	86	84	83	81	79	86	88	88	81	81	76	73
		MIN	61	62	63	68	73	66	65	55	59	73	67	63	64	64	61
GREENWOOD 2 NE	07	MAX	81	85	87	88	86	86	85	80	80	86	92	78	83	85	81
		MIN	61	59	62	71	71	63	63	51	55	67	69	60	60	62	63
LEWES	17	MAX	83	86	89	86	82	83	78	79	85	92	91	80	82	82	76
		MIN	64	65	70	70	80	68	65	65	62	75	70	65	63	67	65
MILFORD 2 SE	07	MAX	81	85	85	88	86	85	84	81	79	85	90	79	84	84	80
		OBS															
		MIN	61	61	67	69	72	64	64	54	59	70	70	60	60	61	64

DAILY TEMPERATURES (°F)

STATION	DAY OF MONTH																AVERAGE
	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
FROSTBURG 2	60	58	58	61	61	54	54	52	60	60	59	64	62	64	68	62	59.4
	73	75	76	79	62	72	74	73	70	59	72	69	79	77	68	80	74.8
	57	58	60	60	58	54	53	51	53	55	56	58	58	58	61	64	56.2
HAGERSTOWN POLICE BRK	80	82	87	87	70	80	80	78	68	76	78	80	82	84	86	85	81.3
	57	59	62	57	58	55	57	63	60	62	60	56	56	60	61	65	60.1
SHARPSBURG 5 S					39		40								47	40	
	77	82	82	87	66	78	81	82	78	68	79	72	81	85	80	88	80.9
	61	58	59	63	61	54	55	55	57	62	61	64	60	62	65	69	59.1
ALLEGHENY PLATEAU 08																	
OAKLAND 1 SE	72	73	79	78	70	72	72	71	68	68	68	79	80	73	81	81	75.7
SAVAGE RIVER DAM	55	56	60	61	57	53	54	48	58	53	58	53	55	56	61	61	56.2
	73	76	75	82	63	73	74	74	70	62	70	69	81	77	70	79	75.3
	59	60	62	63	59	53	54	51	53	57	56	58	62	62	63	67	57.5
DELAWARE																	
NORTHERN 01																	
NEWARK UNIVERSITY FARM	80	83	90	87	81	84	84	83	76	77	75	79	84	83	86	87	83.7
WILMINGTON WSO ARPT	62	62	65	60	56	59	61	59	65	63	64	68	68	68	72	72	63.4
	79	82	87	71	79	81	82	79	73	76	71	77	81	80	85	86	81.0
WILMINGTON PORTER RSVR	63	69	68	60	60	60	62	60	66	65	65	68	68	69	72	73	64.8
	80	82	88	75	78	83	81	79	72	73	69	77	81	80	85	86	80.7
	63	65	68	59	59	60	63	62	66	64	64	67	67	67	70	73	65.1
SOUTHERN 02																	
DOVER	78	82	86	86	76	76	80	79	76	71	72	74	79	79	82	82	80.5
GREENWOOD 2 NE	62	62	68	65	61	63	66	62	66	66	65	69	68	70	71	70	65.1
	81	79	84	88	74	79	82	83	80	72	73	76	76	84	84	88	82.1
LEWES	62	63	63	69	62	61	66	60	60	62	64	69	69	68	70	70	63.7
	79	80	90	89	77	84	84	83	78	72	77	80	79	81	84	88	82.5
MILFORD 2 SE	64	67	70	67	64	64	70	64	70	63	68	71	69	70	72	74	67.8
	77	82	85	88	76	79	82	83	82	74	74	76	78	83	83	86	82.1
													***	***	***		
	64	64	67	69	64	63	63	61	67	63	64	71				68	64.4

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	0	6	158	324	663	891	688B	507	332	89	20B	B 3678	
PRINCESS ANNE													M	4255
SALISBURY	0	0	14	216	309	663	866	631	414	258	47B	6B	B 3424	4027
SALISBURY FAA ARPT	0	0	28	272	389	713	929	696	471	335	87	6	3926	4380
SNOW HILL 4 N	0	0	16	238	348	675	889	647	472	292	73	2	3652	4254
CENTRAL EASTERN SHORE 02														
ROYAL OAK 2 SSW	0	0	16	226	315	693	885	677	438	278	59	3	3590	4225
VIENNA	0B	1B	19B		291B	640B	892	719B	407B	275	59B	4	M 3307	4140
LOWER SOUTHERN 03														
MECHANICSVILLE 5 NE	0	0	34	303	372	747	924	678	452	289	80	7	3886	4463
UPPER SOUTHERN 04														
ANNAPOLIS POLICE BRKS	0B	0	19	229	325	713	940	695	426	324	55	2	B 3728	4382
BALTIMORE WSO ARPT	0	0	37	336	445	794	999	774	508	362	102	8	4365	4707
BELTSVILLE	0	0	33	320	399	761B	991	749	502	356	96	9	B 4216	4999
DALECARLIA RESERVOIR	0B	0	29B	250	332	740	886	641	429	261	58	4	B 3630	4470
GLENN DALE BELL STN	0	0	47	358	445	854	1000	811	537B	382B	107B	10	B 4551	4639
LAUREL 3 W	0	0	20	226	361	724	959	700	438	303	67	5B	B 3803	4659
MD SCI CTR BALTIMORE	0	0	16	221	357	703	910	686	414	277	45	3	3632	
NATIONAL ARBORETUM DC	0	0	31	299	384	776	961	717	456	316	73	6	4019	4577
UPPER MARLBORO 3 NNW	0	0	42	338	394	791	967	748	500	339	91	10	4220	4887
NORTHERN EASTERN SHORE 05														
CHESTERTOWN	0	2	29	292	407	785	1002	773	506	358	98	15	4267	4641
MILLINGTON 1 SE		0B	16B	245B	395B	762		753B	494B	317B	97B	7B	M 3086	4864
NORTHERN CENTRAL 06														
ABERDEEN PHILLIPS FIEL		1B			428B			725B	436B		93B	4B	M 1687	4616
CATOCTIN MOUNTAIN PARK	0	2	69	344	457	866	1090	818	561	417	119B	25	B 4768	
CLARKSVILLE 3 NNE	1	1	50	367	457	843	1012	785	549	392	111	15	4583	
CONOWINGO DAM			16B	268B	383B					348B	102B	1B	M 1118	5247
DAMASCUS 3 SSW	2	4	62	359	448	834	1046	777	534	392	116	19	4593	
EMMITSBURG 2 SE	0	1	58	369	467	692	1056	808	551	370	111	11	4494	5299
FREDERICK POLICE BRKS	0B	0	29	307	379	806	979	716	502B	306	79	2	B 4105	
MILLERS 4 NE	0	2	54	354	458	844	1054	817	549	391	110	18	4651	
ROCKVILLE 1 NE	0	2	41	309B	414	788	977	711	483	348	81	7B	B 4161	5093
APPALACHIAN MOUNTAIN 07														
CUMBERLAND 2	0	1	53	335	491	891	1060	737	535	339	74	9	4525	5036
CUMBERLAND POLICE BRK	0	6	72B	370	530	903B	1087	767	567	345	91	22	B 4760	
FROSTBURG 2	7	17	130	470	578	1019	1212	902	707	537	190	52	5821	
HAGERSTOWN POLICE BRK	0	1	52	322	421	836	1009	751	482	331	82B	7	B 4294	
SHARPSBURG 5 S	4	4B	73	413B	479	903	1108	801	584	404	128	27	B 4928	
ALLEGHENY PLATEAU 08														
OAKLAND 1 SE	6	22	163	454	606	992	1181	879	690	506	166	42	5707	6553
SAVAGE RIVER DAM	6	14	127	491	579	979	1154	886	689	496	175	40	5636	6362
DELAWARE														
NORTHERN 01														
NEWARK UNIVERSITY FARM	0	0	24	322	431	764	977B	752	488	351	81	8	B 4198	4825
WILMINGTON WSO ARPT	0	1	36	340	462	807	1032	816	544	390	117	15	4560	4937
WILMINGTON PORTER RSVR	0	2	35	325	458	816	1053	826	545	396	113	23	4592	5110
SOUTHERN 02														
DOVER	0	0	22	232	365	736	956	708	496	362	103	12	3992	4337
GREENWOOD 2 NE	0	1	27	301	386	769	983	745	507	374	112	12	4217	
LEWES	0	0	6	181	310	664	872	638	433	307	86	10	3507	4341
MILFORD 2 SE								755	499B	380	108	11	M 1753	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	44	32	35	*	78	*	*	*	*	240	63	37	41	22	48
		EVAP	26	28	25	*	43	*	*	*	*	128	28	14	29	8	36
		MAX	84	88	87	-	91	-	-	-	-	88	90	79	82	72	88
		MIN	62	62	65	-	65	-	-	-	-	54	68	62	62	62	62
UPPER MARLBORO 3 NNW		WIND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		EVAP	*	*	73	*	44	22	28	*	*	75	19	10	24	11	*
		MAX	94	99	98	101	96	93	97	91	92	94	93	84	96	79	95
		MIN	62	64	65	67	71	69	68	60	61	65	73	66	64	65	66

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	*	63	27	54	66	*	*	*	148	46	55	65	19	37	33	25	1278
BELTSVILLE	*	52	16	31	10	*	*	*	72	2	11	0	6	27	12	17	6.21
	-	81	84	90	70	-	-	-	85	68	75	69	78	85	87	90	82.3
	-	62	62	66	58	-	-	-	60	59	59	62	64	64	67	70	62.6
UPPER MARLBORO 3 NNW	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	M
	*	48	15	24	9	16	*	*	56	1	11	3	7	*	*	52	5.48
	90	89	93	97	77	90	96	91	87	72	82	74	85	92	93	92	90.4
	66	66	66	70	62	62	68	65	66	63	63	67	69	69	69	73	66.1

Evaporation: Is measured in hundredths of inches

Wind: Is measured in miles

Max and Min: The maximum and minimum temperatures (Fahrenheit) of the water in the evaporation pan

STATION INDEX

STATION	INDEX NO.	DIVISION	COUNTY	LATITUDE	LONGITUDE	ELEVATION (IN FEET)	OBSERVATION TIME AND TABLES				OBSERVER
							LOCAL STD TIME				
							TEMP	PRECIP	EVAP	SPECIAL SEE (NOTES)	
MARYLAND											
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	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 4W	40	23	23		H	THOMAS W ELIASON JR
CLARKSVILLE 3 NNE	1862	06	HOWARD	39 15	76 56W	370	17	17		H	CMREC - CLARKSVILLE
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	16	16		H	USDA PLANT INTRODUCT STN
HAGERSTOWN POLICE BRK	3980	07	WASHINGTON	39 37	77 44W	560	17	17		H	MARYLAND STATE POLICE
LAUREL 3 W	5111	04	PRINCE GEORG	39 6	76 54W	400	MID	MID		H	WA SUBURBAN SANITARY COM
MD SCI CTR BALTIMORE	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
MILLINGTON 1 SE	5985	05	KENT	39 16	75 52W	30	18	18		H	HOWARD L HARVEY
NATIONAL ARBORETUM DC	6350	04	DISTRICT OF	38 54	76 59W	50	07	07		H	US NATIONAL ARBORETUM
OAKLAND 1 SE	6620	08	GARRETT	39 24	79 24W	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	50	MID	MID		H	FAA
SAVAGE RIVER DAM	8065	08	GARRETT	39 31	79 8W	1495	08	08	08	C H	US CORPS OF ENGINEERS
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 46	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 44W	90	17	17	17	C H	UNIV OF DEL AGRIC FARM
WILMINGTON WSO ARPT	9595	01	NEW CASTLE	39 40	75 36W	74	MID	MID		C HJ	NATIONAL WEATHER SERVICE
WILMINGTON PORTER RSVR	9605	01	NEW CASTLE	39 46	75 32W	270	MID	MID		H	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."

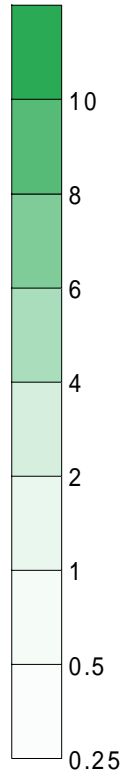
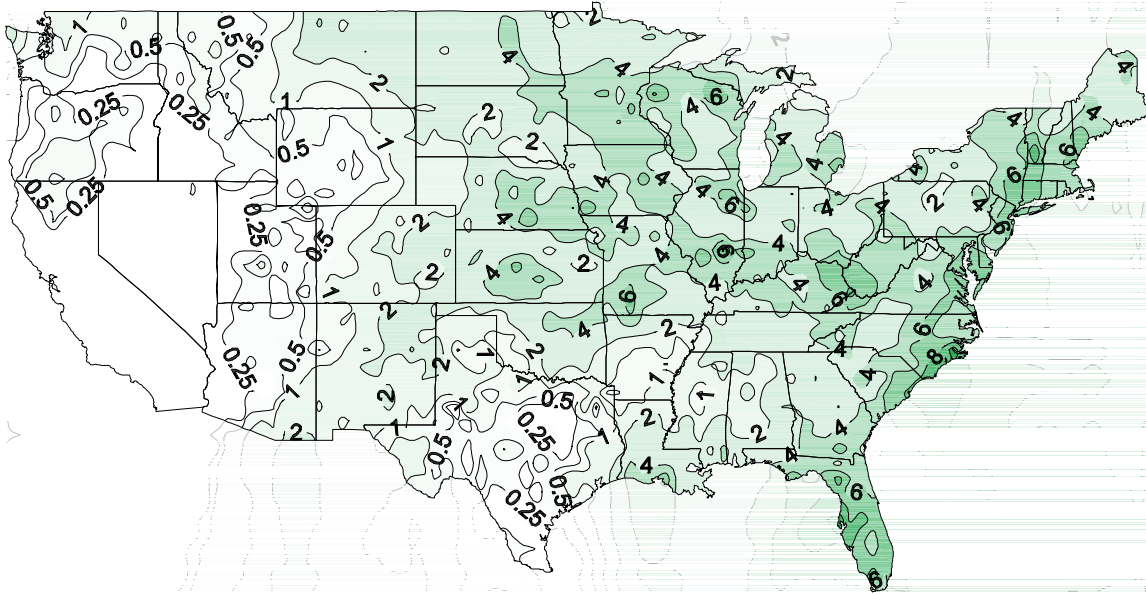
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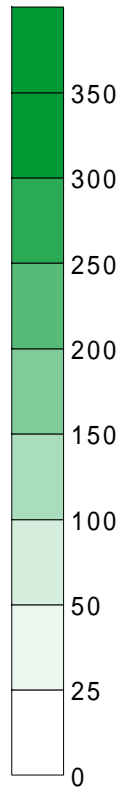
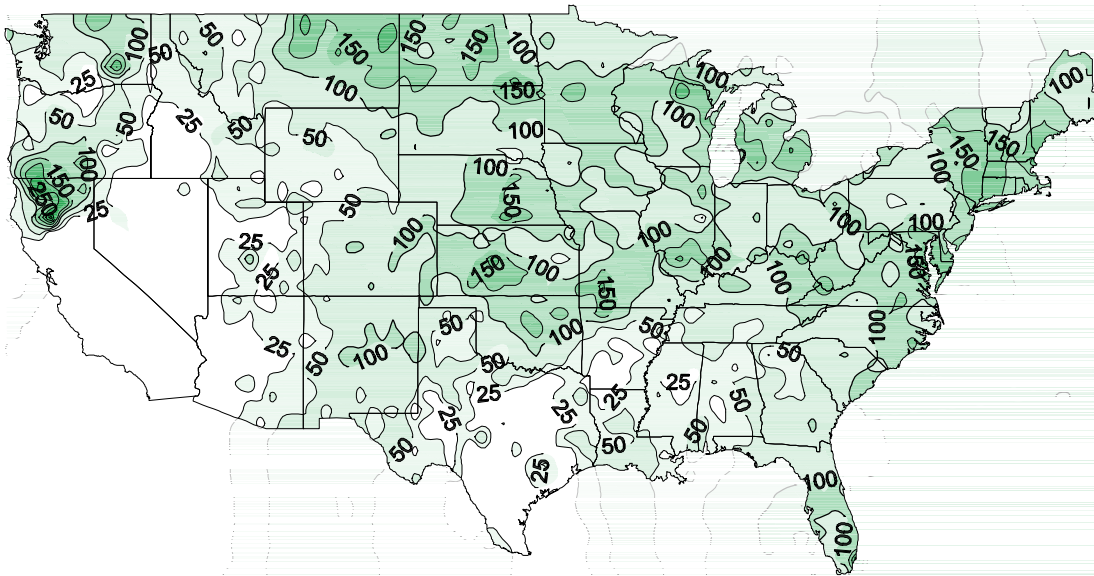
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Total Precipitation (Inches) July 2000

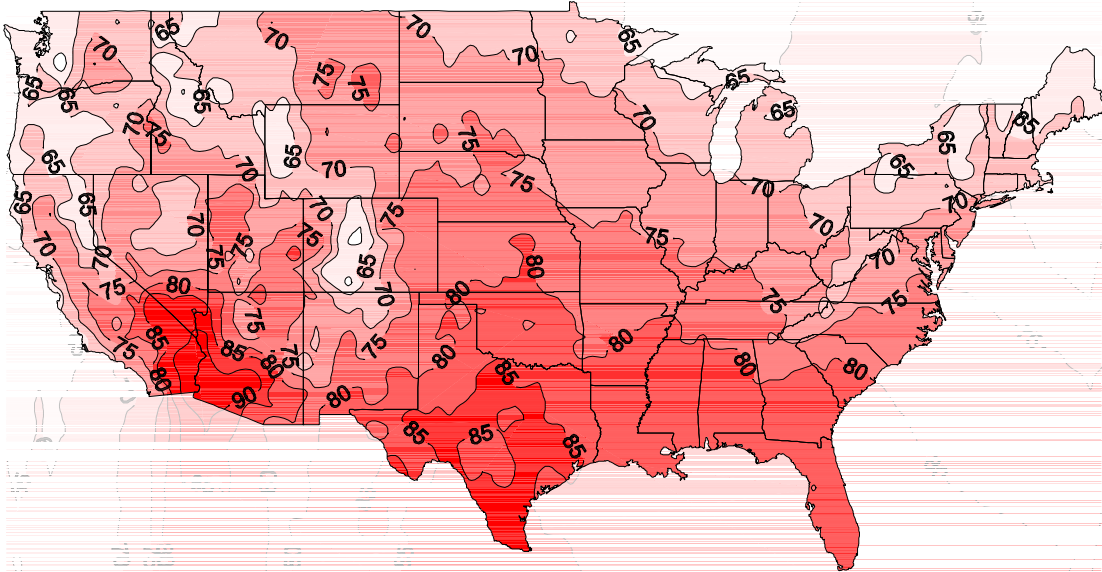


Percent of Normal Precipitation July 2000

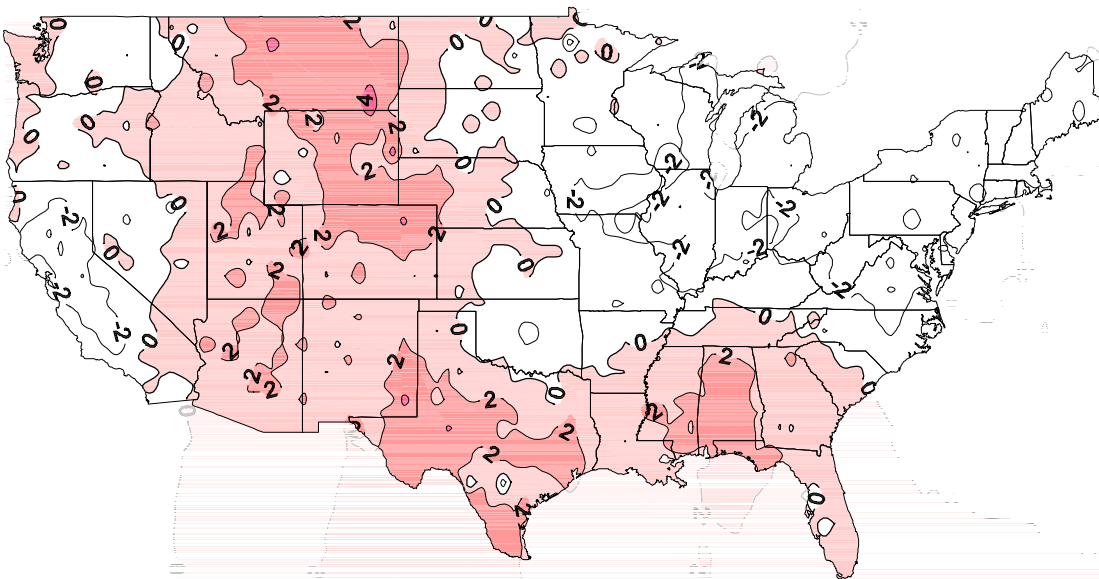


NOTE Contour maps are computer-generated and intended to show general temperature and precipitation patterns. Therefore, contours may not always account for individual datum points.

Average Temperature (Degrees F)
July 2000

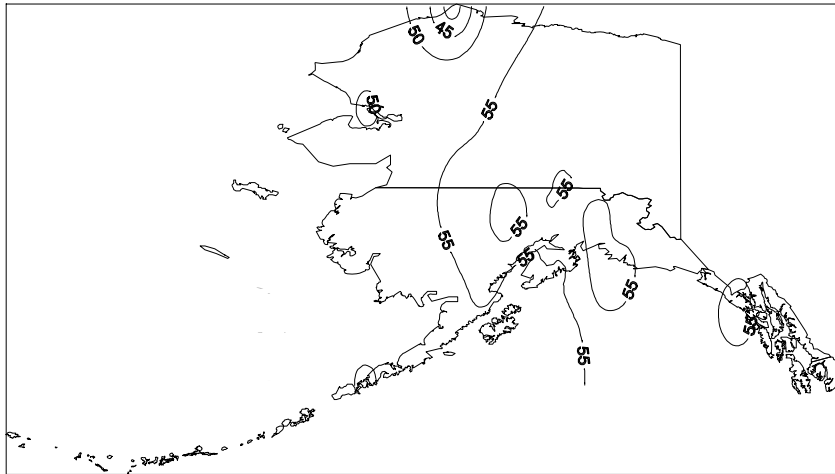


Departure of Average Temperature from Normal (Degrees F)
July 2000

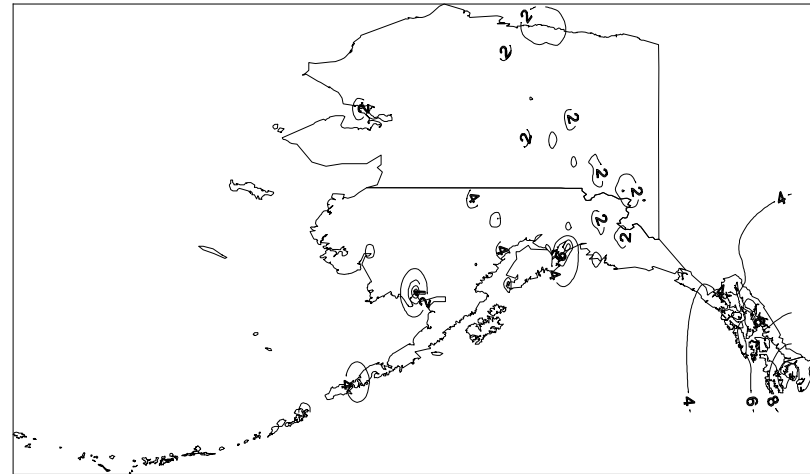


NOTE Contour maps are computer-generated and intended to show general temperature and precipitation patterns. Therefore, contours may not always account for individual datum points.

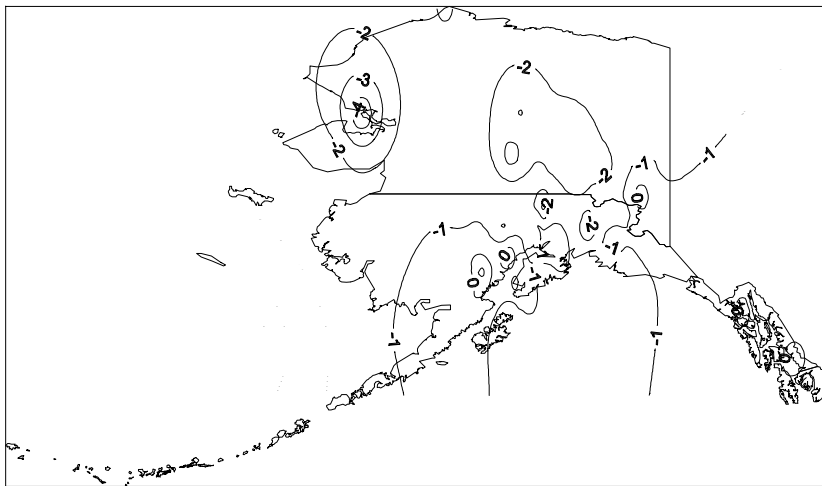
Average Temperature (Degrees F)
July 2000



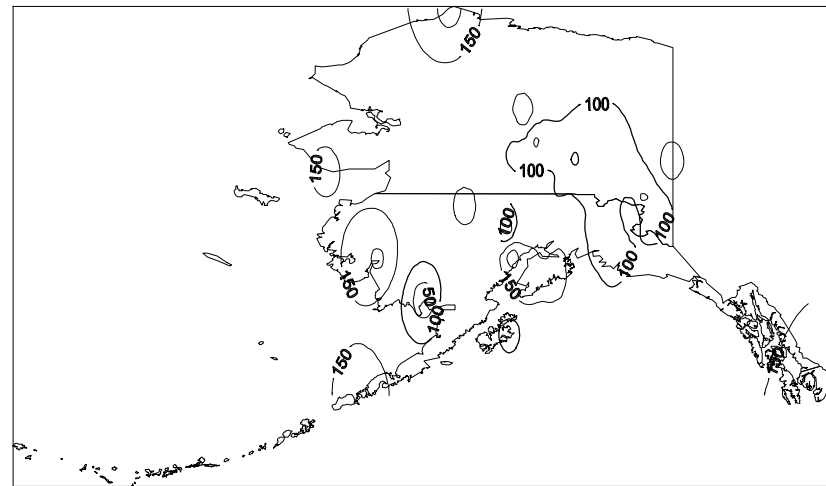
Alaska Precipitation (Inches)
July 2000

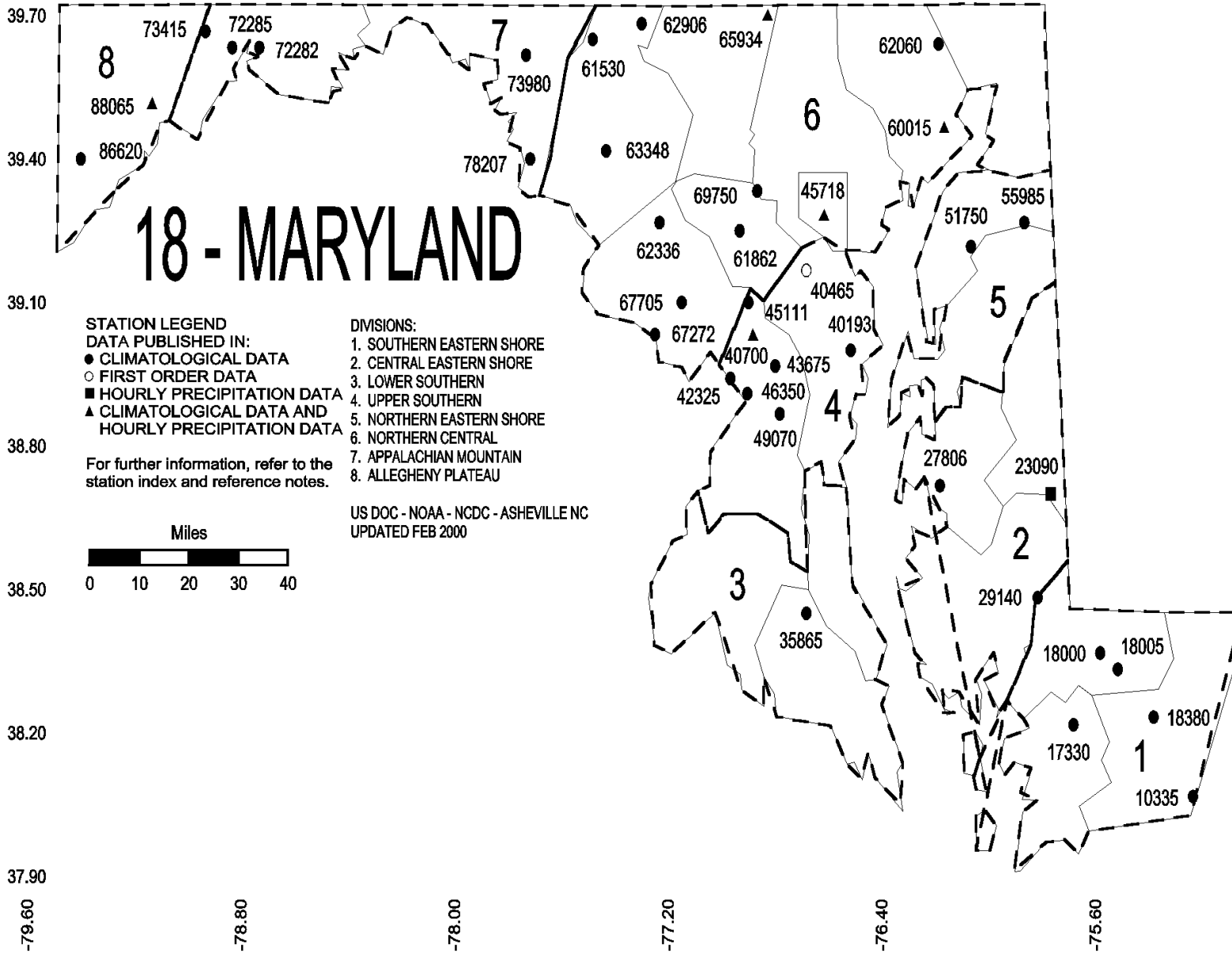


Departure of Average Temperature from Normal (Degrees F)
July 2000



Percent of Normal Precipitation
July 2000





These and other publications are available from the National Climatic Data Center

Hourly Precipitation Data

This publication contains hourly precipitation amounts obtained from recording rain gages located at National Weather Service, Federal Aviation Administration, and cooperative observer stations. Published data are displayed in inches and tenths or inches and hundredths at local standard time. **HPD** includes maximum precipitation for nine (9) time periods from 15 minutes to 24 hours, for selected stations.

Climatological Data

Monthly editions contain station daily maximum and minimum temperatures and precipitation. Some stations provide daily snowfall, snow depth, evaporation, and soil temperature data. Each edition also contains monthly summaries for heating and cooling degree days (65 degree F base). The July issue contains a recap of monthly heating degree days and snow data for the preceding July through June.

The Annual issue contains monthly and annual averages of temperature, precipitation, temperature extremes, freeze data, soil temperatures, evaporation, and a recap of monthly cooling degree days.

Storm Data

Monthly issues contain a chronological listing, by states, of occurrences of storms and unusual weather phenomena. Reports contain information on storm paths, deaths, injuries, and property damage. An "Outstanding storms of the month" section highlights severe weather events with photographs, illustrations, and narratives. The December issue includes annual tornado, lightning, flash flood, and tropical cyclone summaries.

Monthly Climatic Data for the World

This publication contains monthly means for temperature, pressure, precipitation, vapor pressure, and sunshine for approximately 2,000 surface data collection stations worldwide and monthly mean upper air temperatures, dew point depressions, and wind velocities for approximately 500 observing sites.

Local Climatological Data

LCD summarizes temperature, relative humidity, precipitation, cloudiness, wind speed and direction observations for several hundred cities in the U.S. and its territories. Each monthly publication also contains the 3 hourly weather observations for that month and an hourly summary of precipitation. Annual **LCD** publications contain a summary of the past calendar year as well as historical averages and extremes.

For Information Call:

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