

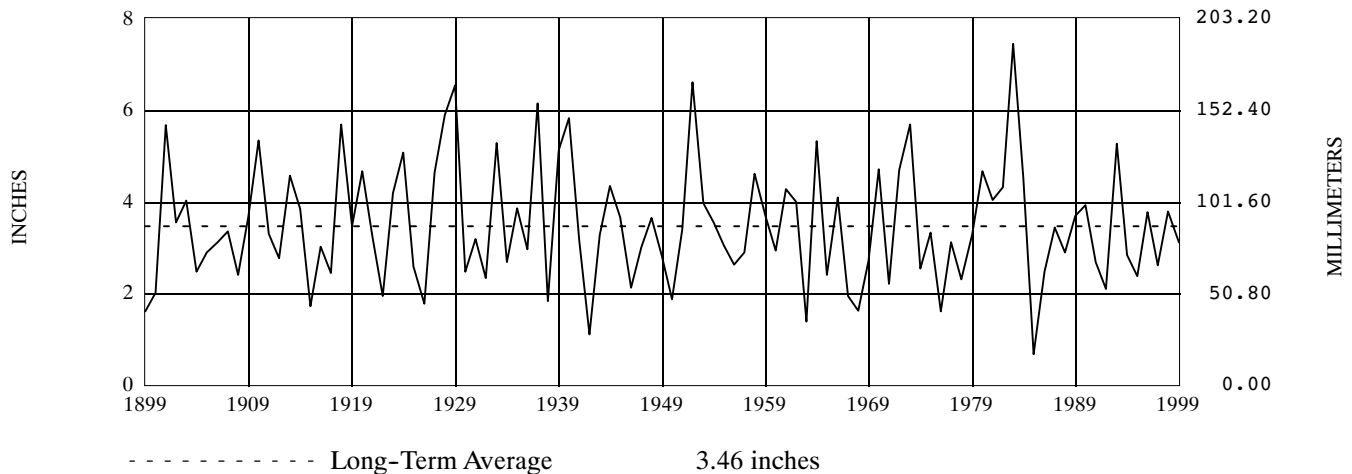
CLIMATOLOGICAL DATA

MARYLAND AND DELAWARE

APRIL 1999

VOLUME 103 NUMBER 04

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MARYLAND AND DELAWARE PRECIPITATION APRIL, 1899-1999

TEMPERATURE AND PRECIPITATION EXTREMES

MARYLAND

HIGHEST TEMPERATURE	88	APRIL 9+	2 STATIONS
LOWEST TEMPERATURE	25	APRIL 25	OAKLAND 1 SE
GREATEST TOTAL PRECIPITATION	5.59		FROSTBURG 2
LEAST TOTAL PRECIPITATION	2.07		PRINCESS ANNE
GREATEST 1 DAY PRECIPITATION	1.29	APRIL 10	SAVAGE RIVER DAM

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TEMPERATURE AND PRECIPITATION EXTREMES

DELAWARE

HIGHEST TEMPERATURE	83	APRIL 8	2 STATIONS
LOWEST TEMPERATURE	31	APRIL 6	GREENWOOD 2 NE
GREATEST TOTAL PRECIPITATION	3.54		NEWARK UNIVERSITY FARM
LEAST TOTAL PRECIPITATION	2.37		DOVER
GREATEST 1 DAY PRECIPITATION	1.12	APRIL 10	NEWARK UNIVERSITY FARM

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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 ISLAND	63.3	45.1	54.2		80	23	34	6	316	0	0	0	0	0
PRINCESS ANNE M		M	M		86	23	28	6			0	0	3	0
SALISBURY	69.4	45.4	57.4	2.3	83	4	34	6	231	9	0	0	0	0
SALISBURY FAA ARPT	66.6	41.4	54.0	.3	83	22+	31	6	324	1	0	0	1	0
SNOW HILL 4 N	69.7	42.0	55.9	2.0	85	23	28	6	282	14	0	0	2	0
--DIVISIONAL DATA----->			55.4	1.2										
CENTRAL EASTERN SHORE 02														
ROYAL OAK 2 SSW	66.7	44.5	55.6	.7	81	8+	37	29+	278	3	0	0	0	0
VIENNA	69.3	44.1M	56.7M	1.3	83	8+	32	19	247	3	0	0	1	0
--DIVISIONAL DATA----->			56.2	1.4										
LOWER SOUTHERN 03														
MECHANICSVILLE 5 NE	68.1	43.3	55.7	1.3	87	8	30	6	281	9	0	0	1	0
--DIVISIONAL DATA----->			55.7	.8										
UPPER SOUTHERN 04														
ANNAPOLIS POLICE BRKS	68.9	45.7	57.3	2.5	86	8	32	16	235	7	0	0	1	0
BALTIMORE WSO ARPT R	64.3	42.0	53.2	-2	83	8	32	6	349	0	0	0	1	0
BELTSVILLE	66.2	42.0	54.1	1.9	85	9	33	25+	324	3	0	0	0	0
DALECARLIA RESERVOIR	70.9	45.4M	58.2M	3.2	87	8	35	6	227	25	0	0	0	0
GLENN DALE BELL STN	66.4	39.0	52.7	-.9	85	8	29	25	361	0	0	0	5	0
LAUREL 3 W	66.7	44.2	55.5	1.5	85	8	32	13	281	0	0	0	1	0
NATIONAL ARBORETUM DC	68.3	43.6	56.0	2.0	88	9	35	21	281	14	0	0	0	0
UPPER MARLBORO 3 NNW	66.3	41.4	53.9	.9	85	9	33	6	331	3	0	0	0	0
--DIVISIONAL DATA----->			55.1	1.2										
NORTHERN EASTERN SHORE 05														
CHESTERTOWN	66.2	42.5	54.4	1.0	85	8	36	25+	312	0	0	0	0	0
MILLINGTON 1 SE	67.0	41.6	54.3	1.9	83	8	33	25+	316	1	0	0	0	0
--DIVISIONAL DATA----->			54.4	1.0										
NORTHERN CENTRAL 06														
ABERDEEN PHILLIPS FIEL	66.9	44.4M	55.7M	1.9	83	9+	31	6	264	5	0	0	1	0
BALTIMORE CITY R	68.4	47.5	58.0	1.4	88	8	35	23	219	14	0	0	0	0
CATOCTIN MOUNTAIN PARK	63.7	41.6	52.7		82	8	32	24+	364	3	0	0	2	0
CLARKSVILLE 3 NNE	65.4	38.9	52.2		84	8	30	25+	380	0	0	0	6	0
CONOWINGO DAM M		M	M		74	22	34	6			0	0	0	0
DAMASCUS 2 SSW	62.2	42.1	52.2		84	8	35	21	383	3	0	0	0	0
EMMITSBURG 2 SE	66.3	39.2	52.8	1.3	83	8	26	24	365	5	0	0	6	0
FREDERICK POLICE BRKS	67.2	44.0	55.6		85	8	35	6	278	3	0	0	0	0
MILLERS 4 NE	64.6	40.9	52.8		80	8	33	21	362	0	0	0	0	0
ROCKVILLE 1 NE	64.8	44.5	54.7	2.3	85	8	38	26+	305	2	0	0	0	0
WESTMINSTER POL BRKS M		M	M											
WOODSTOCK	67.8	40.0	53.9	1.3	85	8	28	14	325	0	0	0	6	0
--DIVISIONAL DATA----->			54.1	1.5										
APPALACHIAN MOUNTAIN 07														
CUMBERLAND 2	68.6	40.4	54.5	.9	85	22+	29	29	310	3	0	0	1	0
CUMBERLAND POLICE BRK	67.0	41.5	54.3		83	24+	30	25	318	2	0	0	2	0
FROSTBURG 2	59.8	37.3	48.6		80	23	29	25+	486	0	0	0	5	0
HAGERSTOWN POLICE BRK	68.5	41.5M	55.0M		85	8	33	26+	298	0	0	0	0	0
SHARPSBURG 5 S	65.3	38.0	51.7		85	9	28	25	392	0	0	0	8	0
--DIVISIONAL DATA----->			52.8	1.3										
ALLEGHENY PLATEAU 08														
OAKLAND 1 SE	63.2	36.7	50.0	3.3	78	22+	25	25	445	0	0	0	8	0
SAVAGE RIVER DAM	60.3	37.8	49.1	1.4	79	23	30	25	472	0	0	0	3	0
--DIVISIONAL DATA----->			49.6	2.8										
DELAWARE														
NORTHERN 01														
NEWARK UNIVERSITY FARM	67.0	41.4	54.2	1.6	82	8	32	6	316	0	0	0	1	0
WILMINGTON WSO ARPT R	62.9	42.4	52.7	.5	81	8	35	25	362	0	0	0	0	0
WILMINGTON PORTER RSVR	62.4	43.5	53.0	1.5	80	8	38	25+	355	0	0	0	0	0
--DIVISIONAL DATA----->			53.3	1.1										
SOUTHERN 02														
DOVER	65.2	43.5	54.4	.3	83	8	34	6	312	2	0	0	0	0
GREENWOOD 2 NE	65.1	40.4	52.8		82	9	31	6	362	0	0	0	1	0
LEWES	66.2	45.2	55.7	2.4	83	8	35	6	273	2	0	0	0	0

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 ISLAND	3.88		1.18	4	.0	0		6	3	1
PRINCESS ANNE	2.07	-1.20			.0	0		5	0	0
SALISBURY	3.62	.32	1.00	10	.0	0		9	3	1
SALISBURY FAA ARPT	3.48	.28	.84	23	T	T		6	3	0
SNOW HILL 4 N	3.16	-.05	1.17	5	.0	0		7	2	1
--DIVISIONAL DATA----->	3.24	.07			.0					
CENTRAL EASTERN SHORE 02										
ROYAL OAK 2 SSW	2.73	-.69	.50	5	.0	0		7	1	0
VIENNA	2.62	-.77	1.10	10	.0	0		6	1	1
--DIVISIONAL DATA----->	2.68	-.67			.0					
LOWER SOUTHERN 03										
MECHANICSVILLE 5 NE	3.17	-.24	.99	9	.0	0		8	2	0
--DIVISIONAL DATA----->	3.17	-.02			.0					
UPPER SOUTHERN 04										
ANNAPOLIS POLICE BRKS	2.51	-.89	.72	5	.0	0		9	1	0
BALTIMORE WSO ARPT R	2.27	-.82	.54	9	.0	0		6	2	0
BELTSVILLE	2.29	-1.01	.56	5	.0	0		7	1	0
DALECARLIA RESERVOIR	2.76	-.74	.40	11	.0	0		9	0	0
GLENN DALE BELL STN	2.35	-1.08	.73	11	.0	0		6	2	0
LAUREL 3 W	2.66	-.75	.59	9	.0	0		8	3	0
NATIONAL ARBORETUM DC	2.38	-.89	.65	5	.0	0		8	1	0
UPPER MARLBORO 3 NNW	2.25	-1.13	.53	5	.0	0		7	1	0
--DIVISIONAL DATA----->	2.43	-.89			.0					
NORTHERN EASTERN SHORE 05										
CHESTERTOWN	2.43	-.81	.54	11	.0	0		7	2	0
MILLINGTON 1 SE	2.82	-.51	.73	10	.0	0		7	1	0
--DIVISIONAL DATA----->	2.63	-.65			.0					
NORTHERN CENTRAL 06										
ABERDEEN PHILLIPS FIEL	2.36	-1.20			.0	0		4	0	0
BALTIMORE CITY R					M	M				
CATOCTIN MOUNTAIN PARK	3.54		.69	11	.0	0		11	2	0
CLARKSVILLE 3 NNE	2.20		.48	1	.0	0		6	0	0
CONOWINGO DAM M	3.39		.90	12	.0	0		6	3	0
DAMASCUS 2 SSW	2.34		.83	1	.0	0		5	2	0
EMMITSBURG 2 SE	3.55	-.22	1.15	5	.0	0		10	3	1
FREDERICK POLICE BRKS	3.24		1.13	11	.0	0		9	2	1
MILLERS 4 NE	3.11		.68	22	.0	0		8	2	0
ROCKVILLE 1 NE	2.44	-.75	.62	11	.0	0		7	2	0
WESTMINSTER POL BRKS					M	M				
WOODSTOCK	3.25	-.25	.80	11	.0	0		8	3	0
--DIVISIONAL DATA----->	2.89	-.64			.0					
APPALACHIAN MOUNTAIN 07										
CUMBERLAND 2	4.19	1.00	1.02	10	.0	0		10	2	1
CUMBERLAND POLICE BRK	4.87		1.15	9	.0	0		11	3	2
FROSTBURG 2	5.59		1.24	10	T	T		11	3	1
HAGERSTOWN POLICE BRK M	.66		.66	1	.0	0		1	1	0
SHARPSBURG 5 S	2.36		.67	12	.0	0		7	1	0
--DIVISIONAL DATA----->	4.25	.81			.0					
ALLEGHENY PLATEAU 08										
OAKLAND 1 SE	5.52	1.18	1.06	9	T	T		12	3	1
SAVAGE RIVER DAM	5.19	1.78	1.29	10	.0	0		9	3	1
--DIVISIONAL DATA----->	5.36	1.29			.0					
DELAWARE										
NORTHERN 01										
NEWARK UNIVERSITY FARM	3.54	.05	1.12	10	.0	0		9	2	1
WILMINGTON WSO ARPT R	3.36	-.03	1.06	9	M	M		9	2	1
WILMINGTON PORTER RSVR	3.42	-.59	.80	9	.0	0		10	2	0
--DIVISIONAL DATA----->	3.44	-.13			.0					
SOUTHERN 02										
DOVER	2.37	-1.13	.54	10	.0	0		9	1	0
GREENWOOD 2 NE	2.73		.55	12	.0	0		7	1	0
LEWES	2.55	-1.01	.51	9	.0	0		11	1	0

MONTHLY STATION AND DIVISION SUMMARY

APRIL 1997

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
--DIVISIONAL DATA----->			54.3	.9										

MONTHLY STATION AND DIVISION SUMMARY

APRIL 1999

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	
--DIVISIONAL DATA----->	2.55	-.93			.0						

DAILY PRECIPITATION (INCHES)

STATION		TOTAL	DAY OF MONTH														
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MARYLAND																	
SOUTHERN EASTERN SHORE 01																	
ASSATEAGUE ISLAND		3.88	.17	.01		1.18	.01				.93		.20	.01		.85	
PRINCESS ANNE		2.07	.12	.10	*	*	.39				*	*	*	.59			
SALISBURY		3.62	.11	.27			.42					1.00	.17	.11		T	
SALISBURY FAA ARPT		3.48	.27			.49	.01				.65	.01	.75	.01		.32	
SNOW HILL 4 N		3.16	.13			.01	1.17				T	.39	.11	.07		T	
CENTRAL EASTERN SHORE 02																	
ROYAL OAK 2 SSW		2.73	.47			T	.50					.31	.44			.13	
VIENNA		2.62	.24			.45						1.10				.03	
LOWER SOUTHERN 03																	
MECHANICSVILLE 5 NE		3.17	.36	.05		.34	.12				.99	.23	.13	.02		.07	
UPPER SOUTHERN 04																	
ANNAPOLIS POLICE BRKS		2.51	.26				.72					.33	.37	.13	.01	.08	
BALTIMORE WSO ARPT	R	2.27	.41	T		.53	.02				.54	T	.37			.15	
BELTSVILLE		2.29	.05	.24			.56				T	.36	.08	.43			
DALECARLIA RESERVOIR		2.76	.35			.28	.37					.38	.40	.03		.04	
GLENN DALE BELL STN		2.35		.30		.56							.73			.17	
LAUREL 3 W		2.66	.50			.29	.17				.59		.54			.16	
NATIONAL ARBORETUM DC		2.38	.04	.21			.65				T	.35	.11	.31			
UPPER MARLBORO 3 NNW		2.25		.26			.53					.28		.41		.15	
NORTHERN EASTERN SHORE 05																	
CHESTERTOWN		2.43	.38			.31	T				.50		.54	T		.29	
MILLINGTON 1 SE		2.82	.34				.36					.73	.39			.33	
NORTHERN CENTRAL 06																	
ABERDEEN PHILLIPS FIEL		2.36	.34	T	*	*	.26				T	*	*	1.04		T	
BALTIMORE CITY	R	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
CATOCTIN MOUNTAIN PARK		3.54	.56			.10	.26				.40	.43	.69	.05		.15	
CLARKSVILLE 3 NNE		2.20	.48			.30	.07				.47	.39				.15	
CONOWINGO DAM		M 3.39	.56		*	.10	.11			*	.12	.76	.37	.90	-	*	
DAMASCUS 2 SSW		2.34	.83			.24		T			.21		.61			.09	
EMMITSBURG 2 SE		3.55				T	1.15				.50	.40	.50	.15		.15	
FREDERICK POLICE BRKS		3.24	.66			.03	.43						1.13	.20		.10	
MILLERS 4 NE		3.11	.44	.03		.01	.22				.23	.49	.51	.02		.09	
POTOMAC FILTER PLANT		2.59	.44	.01		.18	.22				.50	.02	.48	.01		.12	
ROCKVILLE 1 NE		2.44	.50			.37	.05				.32		.62			.12	
WESTMINSTER POL BRKS		M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
WOODSTOCK		3.25	.65	.04		.04	.56				T	.37	.80	.02		.06	
APPALACHIAN MOUNTAIN 07																	
CUMBERLAND 2		4.19	.07	.18		.01	.15		.01		.47	1.02	.23	.95			
CUMBERLAND POLICE BRK		4.87	.15			.33	.15				1.15	.55	1.14	.15		.25	
FROSTBURG 2		5.59	.05	.22	T	.03	.42	T	.01		.40	1.24	.41	.92	.02		
HAGERSTOWN POLICE BRK	M	.66	.66			-							-	-		-	
SHARPSBURG 5 S		2.36	.33	.25			.21	.02	T		.03	.40		.67			
ALLEGHENY PLATEAU 08																	
OAKLAND 1 SE		5.52	.05	.03		.02	.02	T			1.06	.30	.89	.21		.37	
SAVAGE RIVER DAM		5.19	.03	.08	.01		.36	.02	.02		.41	1.29	.27	.71	T		
DELAWARE																	
NORTHERN 01																	
NEWARK UNIVERSITY FARM		3.54	.26	.16		.02	.15				.04	1.12	.69	.20		.05	
WILMINGTON WSO ARPT	R	3.36	.31	T		.18	T	T			1.06	.11	.65	.16		.11	
WILMINGTON PORTER RSVR		3.42	.25			.29					.80	.19	.62	.17		.17	
SOUTHERN 02																	
DOVER		2.37	.30	.25			.24					.54	.25	.35			
GREENWOOD 2 NE		2.73		.30			.48					.41		.55			
LEWES		2.55	.16	.12			.27				.51		.42	.45		T	

MARYLAND AND DELAWARE
APRIL 1999

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 ISLAND	.04				.03	.04		.41								
PRINCESS ANNE	.36						.10		.41							
SALISBURY	.32				.05	.09	.01	.57	.50							
SALISBURY FAA ARPT	.01		T		.03	.09	T	.84								
SNOW HILL 4 N	.54				.04	T	.09	.13	.48							
CENTRAL EASTERN SHORE 02																
ROYAL OAK 2 SSW	.08	T	T	T	.05	.15	.07	.47	.06							
VIENNA	.09				.03	.10		.18	.40							
LOWER SOUTHERN																
MECHANICSVILLE 5 NE	.05				.01	.14	.01	.58	.07							
UPPER SOUTHERN 04																
ANNAPOLIS POLICE BRKS	.11				.05	.10	.15	.20								
BALTIMORE WSO ARPT R	.01	T		T	.01	.13	.03	.07								
BELTSVILLE	.21	T					.15		.21							
DALECARLIA RESERVOIR	.14	.14				.16	.05	.28	.07	.07						
GLENN DALE BELL STN					.05		.15	.39								
LAUREL 3 W		.03			.02	.17	.04	.15								
NATIONAL ARBORETUM DC	.17				.03		.21		.30							
UPPER MARLBORO 3 NNW					.04		.23		.35							
NORTHERN EASTERN SHORE 05																
CHESTERTOWN	.02	T		T	.05	.12	.07	.15								
MILLINGTON 1 SE	.23				.05	.05		.34								
NORTHERN CENTRAL 06																
ABERDEEN PHILLIPS FIEL	.11			T	.05	.07	.21	.28								
BALTIMORE CITY R	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CATOCTIN MOUNTAIN PARK	.05	.01		.01	.25	.10	.10	.29	.07					.02		
CLARKSVILLE 3 NNE	.09				.03	.11	.05	.06								
CONOWINGO DAM	.17	.07	*	*	.05	.04		.14								
DAMASCUS 2 SSW	.09	T	T	T		.14	.04	.09								
EMMITSBURG 2 SE	.20	T	T		.10	.15		.25								
FREDERICK POLICE BRKS	.03				.15	.13	.20	.18								
MILLERS 4 NE	.02	T	T	T	.15	.05	.68	.17								
POTOMAC FILTER PLANT	.02				.02	.17	.05	.35								
ROCKVILLE 1 NE	T	T		.03	.01	.18	.02	.22								
WESTMINSTER POL BRKS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WOODSTOCK	.15			T	.04	.11	.21	.18	.02							
APPALACHIAN MOUNTAIN 07																
CUMBERLAND 2	.45				.17		.18	.30								
CUMBERLAND POLICE BRK			.02	.01	.25	.23		.44	.05							
FROSTBURG 2	.47	T	.07	.10	.32	T	.19	.72								
HAGERSTOWN POLICE BRK					-	-	-									
SHARPSBURG 5 S	.06		T	T	.05		.20	.14								
ALLEGHENY PLATEAU 08																
OAKLAND 1 SE	.20	T	.40	.32	.26	.41		.85	.13							
SAVAGE RIVER DAM	.44	.02	.07	.08	.14		.28	.96								
DELAWARE																
NORTHERN 01																
NEWARK UNIVERSITY FARM	.13	.06		T	.03	.02	.41	.19	.01							
WILMINGTON WSO ARPT R	.08		T	T	.04	.02	.39	.25						T		
WILMINGTON PORTER RSVR	.18			T	.03	T	.30	.42								
SOUTHERN 02																
DOVER	.12		T				.19	.10	.03							
GREENWOOD 2 NE	.31				.06	.01	.20	.41								
LEWES			.12	T	.03	.11	.10	.15	.11	T						

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 ISLAND	07	MAX	55	63	58	79	51	55	77	70	64	60	50	58	61	67	62
		MIN	47	44	45	46	40	34	46	46	46	42	42	45	43	46	47
PRINCESS ANNE	17	MAX	69	69						82				82	59	69	68
		OBS						82									
		MIN	55	51				28		42				39	39	41	32
SALISBURY	17	MAX	69	69	69	83	82	66	75	82	82	82	61	56	60	69	69
		MIN	56	57	44	53	44	34	55	46	56	44	41	43	41	44	45
SALISBURY FAA ARPT	MID	MAX	70	68	69	83	56	71	74	83	79	62	49	56	60	68	63
		OBS															
		MIN	56	45	45	47	34	31	49	43	45	41	38	43	38	44	40
SNOW HILL 4 N	17	MAX	68	68	65	83	80	62	77	83	83	76	61	57	61	69	68
		MIN	53	56	45	51	44	28	54	44	55	45	35	41	36	38	37
CENTRAL EASTERN SHORE 02																	
ROYAL OAK 2 SSW	18	MAX	65	69	67	81	74	61	71	81	76	61	58	56	61	68	62
		MIN	53	55	45	54	45	37	49	46	54	44	39	44	44	46	40
VIENNA	18	MAX	64	68	68	83	66	65	75	83	78	77	63	56	62	70	68
		OBS															
		MIN	53	52	55	44	43	34	54	45	56	43	41	40	38	40	45
LOWER SOUTHERN MECHANICSVILLE 5 NE 03																	
	19	MAX	67	70	66	86	65	66	76	87	78	63	50	56	64	71	67
		MIN	55	55	47	54	44	30	50	41	52	46	37	40	40	43	39
UPPER SOUTHERN ANNAPOLIS POLICE BRKS 04																	
	17	MAX	70	74	69	82	77	60	76	86	84	63	58	59	62	70	70
		MIN	58	51	46	46	51	48	52	52	50	50	48	44	44	42	44
		OBS	51	36	46	51	48	38	52	50	50	48	44	44	42	44	34
BALTIMORE WSO ARPT	MID	MAX	59	69	65	77	58	60	72	83	63	61	50	56	62	68	62
		MIN	52	50	46	48	38	32	46	42	46	40	38	43	39	42	45
BELTSVILLE	08	MAX	71	61	71	72	79	60	66	74	85	66	61	55	56	62	69
		MIN	50	54	48	52	44	33	43	40	49	44	38	39	40	41	43
DALECARLIA RESERVOIR	17	MAX	69	73	74	81	68	66	75	87	86	65	66	55	63	70	79
		MIN	50	60	49	57	44	35	47	44	55	44	38	41	52	44	42
		OBS														59	
GLENN DALE BELL STN	16	MAX	66	71	72	81	60	66	74	85	68	63	48	56	63	70	61
		MIN	52	50	47	46	33	30	45	40	46	36	36	39	40	39	37
LAUREL 3 W	MID	MAX	60	72	72	77	63	65	73	85	74	63	52	57	62	70	62
		MIN	51	54	46	52	44	39	41	45	47	43	44	42	32	42	46
NATIONAL ARBORETUM DC	07	MAX	72	63	74	74	84	60	68	76	88	71	64	50	58	64	72
		MIN	54	54	48	49	56	38	38	44	55	45	40	40	40	42	42
UPPER MARLBORO 3 NNW	08	MAX	73	61	72	70	83	58	66	73	85	67	63	49	56	63	70
		MIN	43	55	47	47	44	33	41	42	49	44	38	40	41	44	40
NORTHERN EASTERN SHORE 05																	
CHESTERTOWN	23	MAX	60	69	70	78	60	67	74	85	62	61	46	59	64	70	65
		MIN	50	48	44	47	42	37	47	45	45	43	39	43	41	44	43
MILLINGTON 1 SE	18	MAX	67	70	67	75	73	64	73	83	80	59	58	57	61	68	67
		OBS															
		MIN	48	54	45	52	43	33	46	41	52	42	37	43	40	43	37
NORTHERN CENTRAL ABERDEEN PHILLIPS FIEL 06																	
	16	MAX	70	70	70	79	57	62	73	83	83	60	58	57	61	70	70
		OBS			***	***						***	***				
		MIN	50	54			43	31	48	44	54			42	41	41	47
BALTIMORE CITY	MID	MAX	59	70	65	79	60	62	77	88	68	64	52	60	64	73	66
		MIN	55	52	48	49	46	43	55	56	47	45	43	46	43	47	47
CATOCTIN MOUNTAIN PARK	17	MAX	63	65	68	74	60	58	70	82	79	57	57	51	59	65	62
		MIN	49	56	47	54	38	37	49	53	45	35	35	39	32	36	44
CLARKSVILLE 3 NNE	17	MAX	68	71	74	75	62	64	73	84	65	61	47	56	62	68	61
		MIN	46	53	47	47	36	30	44	37	43	37	34	39	38	41	36
CONOWINGO DAM	MID	MAX	70	56		72		65	65			61	61	61		65	
		OBS					72										
		MIN		50		48	44	34	35			50	40	40		42	
DAMASCUS 2 SSW	22	MAX	58	69	64	71	59	52	72	84	72	59	45	52	58	66	60
		OBS															
		MIN	44	49	48	48	41	38	44	52	46	39	42	40	36	39	47
EMMITSBURG 2 SE	17	MAX	68	70	71	76	68	63	72	83	82	58	59	55	61	68	68
		OBS															
		MIN	47	52	51	61	41	31	42	39	49	40	33	40	39	32	39
		OBS															23
FREDERICK POLICE BRKS	17	MAX	68	69	71	73	73	63	74	85	82	59	60	54	61	69	69
		MIN	49	54	51	56	41	35	50	46	50	41	39	43	39	42	45
MILLERS 4 NE	18	MAX	64	67	69	74	63	61	70	80	79	56	55	56	60	67	66
		MIN	49	51	45	51	39	36	46	45	47	38	36	42	35	39	42
ROCKVILLE 1 NE	MID	MAX	64	70	71	76	60	67	73	85	65	60	53	54	62	68	62
		MIN	51	54	49	48	44	39	49	48	47	43	44	44	38	42	47
WESTMINSTER POL BRKS	17	MAX															

DAILY TEMPERATURES (°F)

STATION		DAY OF MONTH																AVERAGE
		16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
MARYLAND																		
SOUTHERN EASTERN SHORE	01																	
ASSATEAGUE ISLAND		62	65	65	64	68	61	72	80	60	57	76	60	59	61	58	63.3	
PRINCESS ANNE		49	42	47	43	46	43	51	49	40	44	48	48	48	48	47	45.1	
				64	66	62	83	86			75	75	63	67	66		M	
				37	46	34	48				38	49	37	32	52		M	
SALISBURY		68	68	62	63	64	59	82	81	59	62	75	72	63	66	65	69.4	
		46	45	44	39	47	38	49	51	42	40	42	50	41	40	44	45.4	
SALISBURY FAA ARPT		69	64	62	64	65	61	83	67	60	63	75	67	62	65	60	66.6	
								84										
		49	41	39	33	38	33	49	51	37	37	40	40	37	37	42	41.4	
SNOW HILL 4 N		68	67	64	66	67	64	84	85	62	61	75	75	62	66	63	69.7	
		47	38	37	34	42	32	50	55	42	33	40	43	35	34	37	42.0	
CENTRAL EASTERN SHORE	02																	
ROYAL OAK 2 SSW		67	63	61	62	61	55	78	74	62	62	73	73	66	69	65	66.7	
		47	45	41	37	43	37	48	53	43	37	43	47	41	37	42	44.5	
VIENNA		70	72	63	64	65	60	76	80	62	64	78	75	68	69	67	69.3	

		47	50	43	32	46	33	48	52	41	38	46		41	40	40	44.1	
LOWER SOUTHERN MECHANICSVILLE 5 NE	03																	
		71	67	62	63	61	58	85	80	61	63	77	70	64	66	64	68.1	
		47	44	37	34	47	34	44	57	41	33	37	50	44	35	43	43.3	
UPPER SOUTHERN ANNAPOLIS POLICE BRKS	04																	
		68	62	66	60	60	59	73	70	64	62	80	80	66	70	68	68.9	
		32	40	40	38	38	38	50	62	44	40	40	40	50	48	44	45.7	
		32	40	38	60	60	50	70	62	64	60	40	50	48	44	48		
BALTIMORE WSO ARPT		65	62	60	59	57	57	82	61	61	63	75	65	64	67	66	64.3	
		41	34	41	36	40	33	47	51	37	37	35	49	46	39	46	42.0	
BELTSVILLE		62	67	59	59	69	56	56	81	63	62	65	77	68	64	69	66.2	
		46	36	42	35	35	34	44	51	38	33	35	47	45	38	42	42.0	
DALECARLIA RESERVOIR		70	68	61	61	61	59	83	83	78	64	80	78	69	68	68	70.9	
		44	37	41	36	48	36		68	38	39	38	47	48	40	56	45.4	
											54							
GLENN DALE BELL STN		68	62	59	60	58	58	84	65	61	64	78	69	67	68	66	66.4	
		37	32	38	32	36	32	46	50	35	29	33	40	40	35	38	39.0	
LAUREL 3 W		67	62	61	60	58	56	82	67	63	65	78	70	68	70	68	66.7	
		45	45	42	40	44	40	47	51	37	39	44	48	49	44	44	44.2	
NATIONAL ARBORETUM DC		62	71	64	62	62	60	58	83	68	64	67	81	72	68	70	68.3	
		44	39	44	38	44	35	40	50	40	36	38	49	46	39	42	43.6	
UPPER MARLBORO 3 NNW		59	69	63	61	60	58	56	83	68	62	64	78	68	65	67	66.3	
		45	43	44	35	42	34	35	49	38	36	36	38	42	37	39	41.4	
NORTHERN EASTERN SHORE	05																	
CHESTERTOWN		67	64	63	63	58	61	80	66	61	65	77	67	66	70	68	66.2	
		46	37	42	38	44	36	46	48	38	36	41	44	41	39	40	42.5	
MILLINGTON 1 SE		64	64	63	61	59	59	77	76	58	61	75	73	63	68	67	67.0	
									58									
		46	39	41	35	35	33	44	48	38	33	37	44	40	38	41	41.6	
NORTHERN CENTRAL ABERDEEN PHILLIPS FIEL	06																	
		57	62	62	59	59	57	75	77	60	63	77	76	64	67	68	66.9	
										***	***							
		48			37	47	35	48	50			39	47	44	42	44	44.4	
BALTIMORE CITY		66	67	65	65	59	62	82	66	66	70	84	73	71	75	73	68.4	
		49	46	47	47	51	48	51	35	46	47	51	59	36	36	53	47.5	
CATOCTIN MOUNTAIN PARK		60	58	54	54	51	51	78	75	58	60	75	74	64	65	65	63.7	
		42	41	38	39	38	38	41	48	32	33	45	41	43	42	39	41.6	
CLARKSVILLE 3 NNE		65	61	58	59	56	56	82	59	62	65	76	69	66	69	68	65.4	
		37	31	40	32	36	31	46	51	36	30	32	41	42	36	38	38.9	
CONOWINGO DAM			57			59	60	74	61	68						70	M	
											45	43		79				
			40			39	40	44	51	40	38	40		42		50	M	
DAMASCUS 2 SSW		66	58	57	55	52	79	59	60	60	65	62	66	65	65		62.2	
										76								
		42	39	39	38	41	35	44	49	36	38	43	45	42	40	40	42.1	
EMMITSBURG 2 SE		62	62	57	57	55	56	75	75	59	62	75	75	64	66	66	66.3	
										76								
		44	42	42	34	39	33	30	53	26	30	36	34	33	31	34	39.2	
FREDERICK POLICE BRKS		64	64	57	57	57	55	78	79	61	63	77	77	65	65	66	67.2	
		44	42	42	40	44	36	46	53	39	38	39	46	45	42	43	44.0	
MILLERS 4 NE		61	60	57	56	54	54	78	76	57	60	73	71	62	66	66	64.6	
		44	38	38	34	39	33	44	50	35	34	39	41	41	38	38	40.9	
ROCKVILLE 1 NE		66	61	57	57	55	54	81	62	61	64	75	67	62	66	67	64.8	
		45	43	43	38	44	39	47	53	39	38	38	49	48	41	44	44.5	
WESTMINSTER POL BRKS																	M	

DAILY TEMPERATURES (°F)

STATION	OB. TIME	MAX/MIN	DAY OF MONTH														
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
WOODSTOCK	18	MIN MAX MIN	63 49	70 54	70 47	76 48	70 41	67 30	75 46	85 40	79 50	61 40	57 36	57 40	63 31	70 28	67 43
APPALACHIAN MOUNTAIN 07	17	MAX MIN	70 50	72 48	83 50	74 41	68 39	72 39	75 42	85 42	81 41	65 42	63 46	54 36	62 38	69 41	67 42
CUMBERLAND 2	17	MAX MIN OBS	75 49 29	70 53	79 45	76 51	68 40	70 36	70 51	80 40	61 47	60 39	49 40	57 39	65 36	66 42	66 39
CUMBERLAND POLICE BRK	07	MAX MIN	74 36	57 47	65 47	77 51	69 37	45 35	68 36	67 44	77 48	53 37	60 36	46 37	47 31	55 31	62 34
FROSTBURG 2	17	MAX MIN OBS	72 50 32	71 52	72 52	72 53	70 53	66 44	74 35	85 40	83 41	70 39	58 39	55 41	63 32	70 31	68 31
HAGERSTOWN POLICE BRK	07	MAX MIN	75 32	63 52	72 53	74 53	73 44	66 35	74 43	85 40	83 41	70 39	58 39	55 41	63 32	70 31	68 31
SHARPSBURG 5 S	17	MAX OBS MIN	69 46 70	68 53	78 38	78 43	63 38	74 38	74 46	76 35	74 41	61 35	67 39	47 33	52 30	60 28	60 30
ALLEGHENY PLATEAU 08	08	MAX OBS MIN	70 35 46	62 46	67 42	77 45	77 39	41 39	69 41	65 39	77 40	56 40	59 40	50 41	46 36	55 32	63 36
SAVAGE RIVER DAM	17	MAX MIN	71 45	70 54	67 46	78 50	69 40	64 32	73 44	82 43	81 43	60 40	58 40	58 42	62 38	69 38	69 43
DELAWARE NORTHERN 01	MID	MAX MIN	56 48	69 48	60 46	79 49	57 40	61 38	72 45	81 43	62 44	60 41	47 41	58 42	62 39	68 41	64 44
NEWARK UNIVERSITY FARM	MID	MAX MIN	55 48	68 46	63 45	76 48	56 39	61 38	70 49	80 50	67 43	58 40	48 42	57 41	61 40	67 43	66 47
WILMINGTON WSO ARPT	17	MAX MIN	68 51	68 51	69 42	75 50	70 42	56 34	68 50	83 49	80 51	60 41	60 39	52 41	56 39	63 42	66 42
WILMINGTON PORTER RSVR	07	MAX MIN	70 47	64 55	67 43	70 46	78 43	57 31	65 33	71 43	82 43	67 43	60 35	49 39	56 40	60 41	67 40
SOUTHERN DOVER 02	17	MAX MIN OBS	68 55 47	59 47	60 44	76 52	71 43	60 35	73 51	83 49	81 49	57 44	58 39	56 43	61 42	68 45	68 47

DAILY TEMPERATURES (°F)

STATION		DAY OF MONTH																AVERAGE
		16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
WOODSTOCK		62	64	61	60	57	58	83	78	61	65	77	75	67	69	68	M	
		45	30	37	33	42	30	43	50	35	34	32	44	43	38	40	67.8	
APPALACHIAN																	40.0	
MOUNTAIN 07																		
CUMBERLAND 2		60	58	52	57	56	53	85	82	70	67	77	74	68	68	71	68.6	
		44	43	43	41	35	37	46	34	34	35	36	44	34	29	41	40.4	
CUMBERLAND POLICE BRK		58	58	48	55	55	50	83	83	83	63	74	73	68	65	67	67.0	
		42	45	42	41	40	33	45	50	33	30	32	40	48	36	40	41.5	
FROSTBURG 2		51	55	47	45	49	48	49	80	65	59	63	70	66	64	62	59.8	
		39	38	36	35	36	33	38	42	29	29	30	35	39	37	37	37.3	
HAGERSTOWN POLICE BRK		63	62	55	58	57	58	79	80	79	61	78	74	65	67	71	68.5	

		40	41	42	37	37	39	33		33	36	33	46	45	41	42	41.5	
SHARPSBURG 5 S		56	66	59	57	60	56	54	82	60	62	64	77	68	66	68	65.3	
		39	37	37	35	39	32	35	44	29	28	29	33	38	39	40	38.0	
ALLEGHENY PLATEAU 08																		
OAKLAND 1 SE		51	50	44	46	48	49	78	77	65	63	69	68	67	58	62	63.2	
		41	38	34	33	39	30	38	51	28	25	26	32	45	33	36	36.7	
SAVAGE RIVER DAM		46	53	48	47	50	50	47	79	66	62	63	71	67	63	63	60.3	
		63																
		36	42	38	38	39	33	35	43	33	30	31	34	39	36	37	37.8	
DELAWARE																		
NORTHERN 01																		
NEWARK UNIVERSITY FARM		54	60	61	59	59	60	77	77	59	63	68	76	67	70	70	67.0	
		47	43	40	35	41	35	43	49	38	36	40	43	40	40	35	41.4	
WILMINGTON WSO ARPT		56	59	61	58	54	58	74	55	59	62	75	64	62	69	66	62.9	
		45	40	42	38	42	38	47	47	39	35	42	45	42	41	41	42.4	
WILMINGTON PORTER RSVR		52	58	58	57	52	59	75	55	59	61	74	64	63	67	64	62.4	
		44	43	42	40	44	42	46	46	39	38	45	46	45	43	43	43.5	
SOUTHERN 02																		
DOVER		62	63	60	60	55	59	75	75	58	60	71	73	64	64	64	65.2	
		47	40	44	40	42	39	46	50	41	39	43	46	41	40	42	43.5	
GREENWOOD 2 NE		62	67	63	61	60	61	59	81	67	58	61	75	66	62	67	65.1	
		43	37	39	35	42	35	42	49	40	35	35	45	38	36	38	40.4	
LEWES		61	67	64	62	63	61	73	81	57	60	75	75	60	64	63	66.2	
		47	42	43	39	44	41	49	50	44	44	45	51	43	41	48	45.2	

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 UPPER MARLBORO 3 NNW	WIND	-	11	52	41	61	38	102	53	65	107	52	73	108	122	100
	EVAP	-	-	15	2	25	16	22	21	21	21	17	1	16	27	29
	MAX	-	56	70	70	71	65	64	72	78	65	68	48	55	62	68
	MIN	-	49	50	53	46	38	46	45	46	43	43	40	37	38	39
	WIND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	EVAP	-	11	*	*	9	-	17	19	27	17	*	19	14	25	42
	MAX	71	62	78	76	80	73	66	75	82	73	76	51	60	69	74
	MIN	39	51	50	50	49	40	40	48	48	45	45	44	37	38	40

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

APRIL 1999

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	26	*	*	237	42	62	36	43	64	66	26	63	40	57	25		1833B	
	4	*	*	48	9	12	1	14	8	19	18	24	20	20	16		4.78B	
	51	-	-	64	58	60	50	78	61	68	72	74	75	69	70		65.3	
	42	-	-	37	45	37	38	47	40	38	40	40	45	41	42		42.4	
UPPER MARLBORO 3 NNW	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		M	
	-	-	-	8	16	-	40	*	*	46	27	21	18	23	-		5.20B	
	54	72	68	64	64	67	55	87	72	75	79	81	80	79	80		71.4	
	43	41	41	39	40	40	40	49	43	41	41	43	47	44	44		43.3	

Evaporation: Is measured in hundreths of inches

Wind: Is measured in miles

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

SNOWFALL AND SNOW ON GROUND (INCHES)

STATION		DAY OF MONTH														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MARYLAND																
MARYLAND																
SOUTHERN EASTERN																
SHORE	01															
SALISBURY FAA ARPT																
										T						
SNOWFALL																
SN ON GND																
APPALACHIAN																
MOUNTAIN	07															
FROSTBURG 2																
SNOWFALL																
SN ON GND																
ALLEGHENY PLATEAU	08															
OAKLAND 1 SE													T			
SNOWFALL																
SN ON GND		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Snowfall: Includes snow and ice. Values for NWS stations (J index note) are Mid - Mid (LST).

Snow on ground: Includes snow, sleet, ice and hail. Values for NWS stations (J index note) are observed at 12 UTC (GMT).

Water Equivalent: Given for NWS stations (J index note) only, when snow depth is 2 inches or more, and is measured at 18 UTC (GMT).

SNOWFALL AND SNOW ON GROUND (INCHES)

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

STATION INDEX

STATION	INDEX NO.	DIVISION	COUNTY	LATITUDE	LONGITUDE	ELEVATION (IN FEET)	OBSERVATION TIME AND TABLES				OBSERVER
							LOCAL STD TIME				
							TEMP	PRECIP	EVAP	SPECIAL SEE (NOTES)	
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 ISLAND	0335	01	WORCESTER	38 4	75 13W	10	07	07		H	NATIONAL PARK SERVICE
BALTIMORE WSO ARPT	0465	04	ANNE ARUNDEL	39 10	76 41W	148	MID	MID		C HJ	NATL WEATHER SERVICE
BALTIMORE CITY	0470	06	BALTIMORE (C	39 17	76 37W	14	MID	MID		C H	NATIONAL 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 2 SSW	2336	06	MONTGOMERY	39 16	77 14W	670	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
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	2419	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 25	75 34W	20	17	17		H	UNIV OF MD EASTERN SHORE
ROCKVILLE 1 NE	7705	06	MONTGOMERY	39 6	77 6W	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 50W	10	18	18		H	DELMARVA POWER & LIGHT
WESTMINSTER POL BRKS	9440	06	CARROLL	39 33	76 58W	765	17	17		H	MARYLAND STATE POLICE
WOODSTOCK	9750	06	BALTIMORE	39 20	76 52W	460	18	18		H	JOHN A HILTZ
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
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.
W1 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.

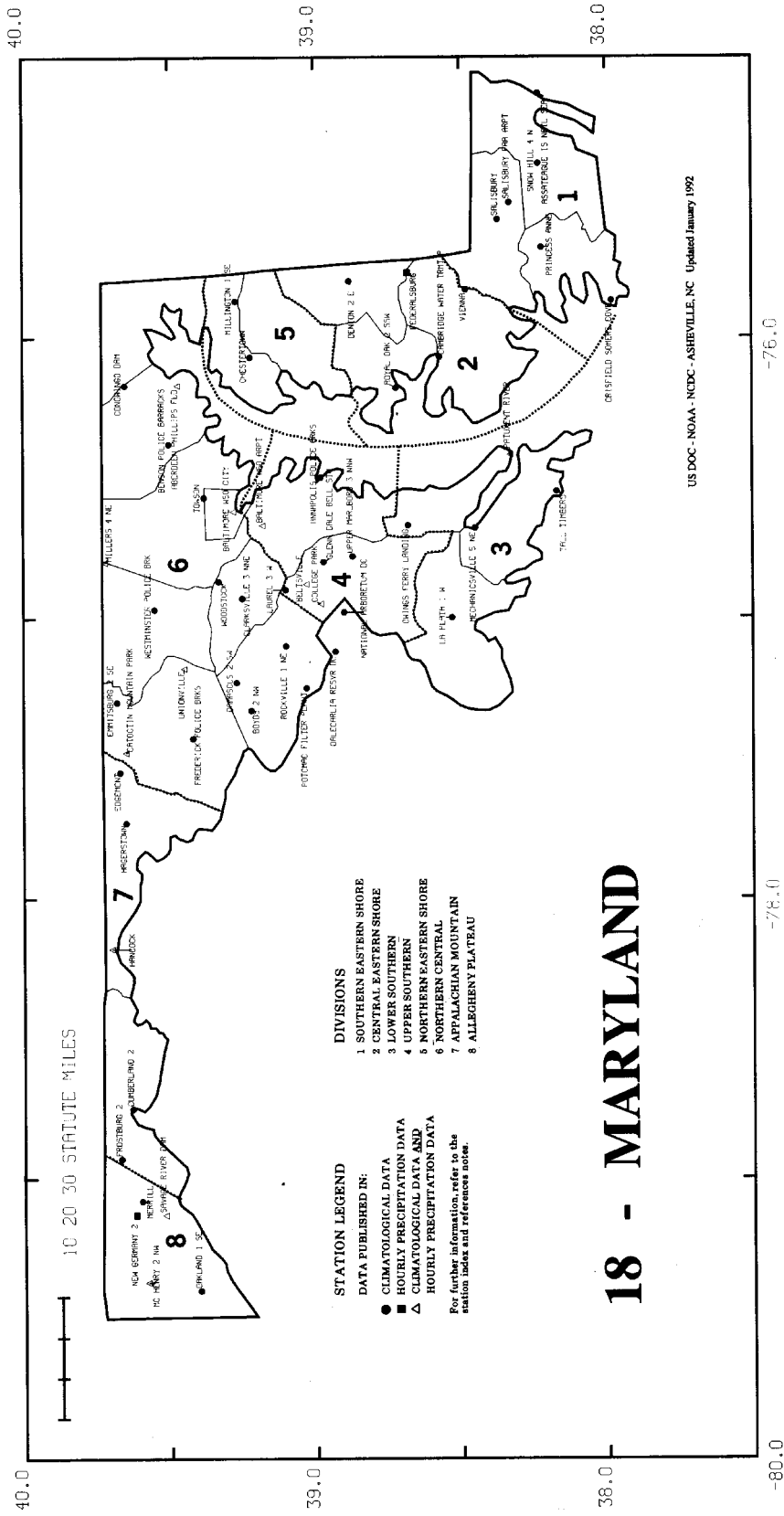
V Includes total for previous month(s). (See * above)

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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151 PATTON AVENUE
ASHEVILLE, NC 28801-5001



40.0

40.0

10 20 30 STATUTE MILES

07 - DELAWARE**1****STATION LEGEND**

DATA PUBLISHED IN:

- CLIMATOLOGICAL DATA
- HOURLY PRECIPITATION DATA
- △ CLIMATOLOGICAL DATA AND
HOURLY PRECIPITATION DATA

For further information, refer to the
station index and references notes.**DIVISIONS**

- 1 NORTHERN
- 2 SOUTHERN

DOVER

2

MILFORD 4 SE

GREENWOOD 2 NE

LEWES

GEORGETOWN 5 SH
△US DOC - NOAA - NCDC - ASHEVILLE, NC
Updated January 1992

39.0

39.0

38.0
-76.0

-75.5

-75.0

38.0

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