

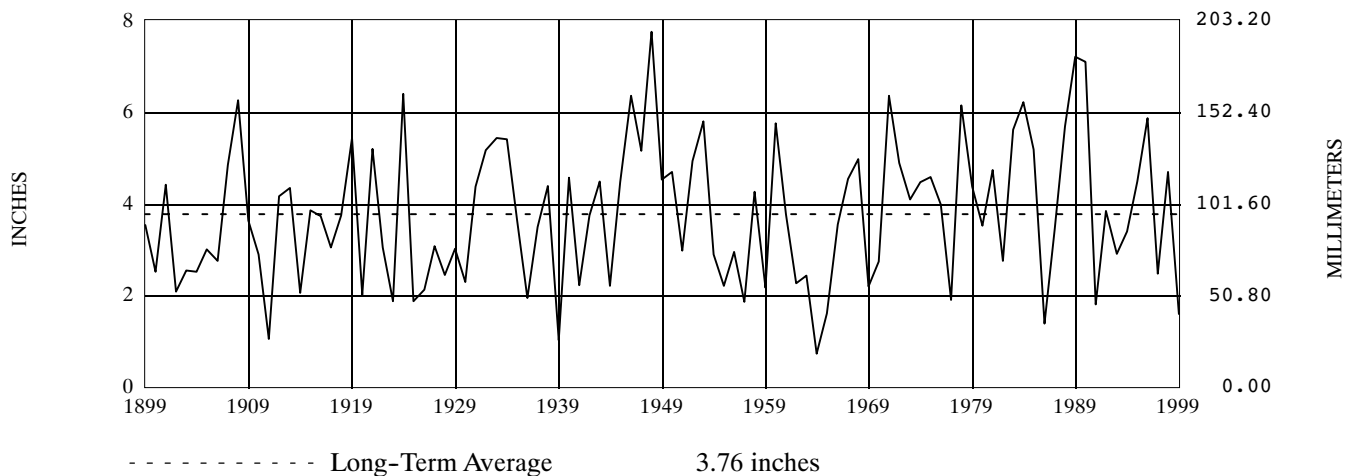
CLIMATOLOGICAL DATA

MARYLAND AND DELAWARE

MAY 1999

VOLUME 103 NUMBER 05

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MARYLAND AND DELAWARE PRECIPITATION MAY, 1899-1999

TEMPERATURE AND PRECIPITATION EXTREMES

MARYLAND

HIGHEST TEMPERATURE	99	MAY 31	BALTIMORE CITY	R
LOWEST TEMPERATURE	31	MAY 3+	2 STATIONS	
GREATEST TOTAL PRECIPITATION	4.42		SAVAGE RIVER DAM	
LEAST TOTAL PRECIPITATION	.56		ROYAL OAK 2 SSW	
GREATEST 1 DAY PRECIPITATION	2.36	MAY 8	SAVAGE RIVER DAM	

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TEMPERATURE AND PRECIPITATION EXTREMES

DELAWARE

HIGHEST TEMPERATURE	92	MAY 31	NEWARK UNIVERSITY FARM
LOWEST TEMPERATURE	39	MAY 2+	2 STATIONS
GREATEST TOTAL PRECIPITATION	3.71		WILMINGTON PORTER RSVR
LEAST TOTAL PRECIPITATION	.71		GREENWOOD 2 NE
GREATEST 1 DAY PRECIPITATION	2.76	MAY 24	WILMINGTON PORTER RSVR

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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	71.0	54.5	62.8		90	30	47	1	116	54	1	0	0	0
PRINCESS ANNE	M	M	M		89	10	42	21			0	0	0	0
SALISBURY	76.5	55.1	65.8	1.1	91	30	42	1	66	101	2	0	0	0
SALISBURY FAA ARPT	75.8	51.9	63.9	.7	93	30	40	1	92	66	3	0	0	0
SNOW HILL 4 N	76.1	52.5	64.3	.8	93	31+	40	1	91	80	3	0	0	0
--DIVISIONAL DATA----->			64.2	.5										
CENTRAL EASTERN SHORE 02														
ROYAL OAK 2 SSW	77.1	53.1	65.1	.2	91	31	40	1	67	78	2	0	0	0
VIENNA	78.5	54.5	66.5	1.3	94	30	41	15	65	119	3	0	0	0
--DIVISIONAL DATA----->			65.8	1.1										
LOWER SOUTHERN MECHANICSVILLE 5 NE 03														
MECHANICSVILLE 5 NE	75.7	52.0	63.9	.0	90	30	38	1	86	58	1	0	0	0
--DIVISIONAL DATA----->			63.9	-.5										
UPPER SOUTHERN ANNAPOLIS POLICE BRKS 04														
ANNAPOLIS POLICE BRKS	77.5	54.8M	66.2M	1.6	90	31+	38	1	47	88	2	0	0	0
BALTIMORE WSO ARPT R	76.5	51.8	64.2	.8	91	30	42	16	71	54	1	0	0	0
BELTSVILLE	76.6	51.7	64.2	2.2	91	31	40	3+	83	66	1	0	0	0
DALECARLIA RESERVOIR	79.3	56.5	67.9	3.1	98	29	40	1	41	139	3	0	0	0
GLENN DALE BELL STN	77.4	48.7	63.1	-.1	93	30	34	1	94	42	3	0	0	0
LAUREL 3 W	78.4	55.4	66.9	3.1	94	30	42	1	45	111	3	0	0	0
NATIONAL ARBORETUM DC	79.0	53.7	66.4	2.4	94	31	42	2+	53	99	3	0	0	0
UPPER MARLBORO 3 NNW	M	M	M											
--DIVISIONAL DATA----->			65.6	1.9										
NORTHERN EASTERN SHORE 05														
CHESTERTOWN	77.6	52.5	65.1	1.5	93	30	40	1	64	73	3	0	0	0
MILLINGTON 1 SE	76.0	50.0M	63.0M	.4	90	31+	39	1	94	56	2	0	0	0
--DIVISIONAL DATA----->			64.1	.6										
NORTHERN CENTRAL ABERDEEN PHILLIPS FIEL 06														
ABERDEEN PHILLIPS FIEL	M	M	M		84	28+	43	21			0	0	0	0
BALTIMORE CITY R	81.0	60.8	70.9	4.1	99	31+	52	16+	9	199	4	0	0	0
CATOCTIN MOUNTAIN PARK	73.7	51.6	62.7		88	30	39	1	105	39	0	0	0	0
CLARKSVILLE 3 NNE	76.7	48.5	62.6		92	30	35	2+	109	41	1	0	0	0
CONOWINGO DAM	76.2M	51.9M	64.1M	2.1	95	30	40	1	82	55	2	0	0	0
DAMASCUS 3 SSW	73.9	51.3	62.6		88	30	39	1	105	36	0	0	0	0
EMMITSBURG 2 SE	75.3	45.9	60.6	-.8	90	30	31	1	152	22	1	0	2	0
FREDERICK POLICE BRKS	76.7	53.9	65.3		90	31+	41	1	55	72	2	0	0	0
MILLERS 4 NE	74.7	50.8	62.8		88	30	39	1	105	41	0	0	0	0
ROCKVILLE 1 NE	75.9	52.5	64.2	2.2	91	30	42	1	82	65	2	0	0	0
WOODSTOCK	77.8	50.0	63.9	1.2	92	30	38	1	79	55	3	0	0	0
--DIVISIONAL DATA----->			64.0	1.4										
APPALACHIAN MOUNTAIN 07														
CUMBERLAND 2	78.1	48.9	63.5	.4	90	30	41	20+	83	46	1	0	0	0
CUMBERLAND POLICE BRK	75.9	47.6	61.8		87	31+	38	3+	112	20	0	0	0	0
FROSTBURG 2	70.2	46.3	58.3		85	31	37	2+	208	11	0	0	0	0
HAGERSTOWN POLICE BRK	76.8	50.8	63.8		89	31+	42	3+	68	38	0	0	0	0
SHARPSBURG 5 S	75.7	47.1M	61.4M		90	31	35	2+	135	29	1	0	0	0
--DIVISIONAL DATA----->			61.8	.6										
ALLEGHENY PLATEAU 08														
OAKLAND 1 SE	71.0	43.8	57.4	1.1	83	31	31	3	230	2	0	0	2	0
SAVAGE RIVER DAM	70.6	45.8	58.2	.6	83	31+	37	3+	210	7	0	0	0	0
--DIVISIONAL DATA----->			57.8	1.2										
DELAWARE														
NORTHERN 01														
NEWARK UNIVERSITY FARM	76.7	49.5	63.1	.0	92	31	39	2	96	43	2	0	0	0
WILMINGTON WSO ARPT R	73.8	52.0	62.9	.4	90	30	40	1	95	40	1	0	0	0
WILMINGTON PORTER RSVR	72.8	54.0	63.4	1.5	90	31+	44	1	95	50	2	0	0	0
--DIVISIONAL DATA----->			63.1	.5										
SOUTHERN 02														
DOVER	73.7	52.3	63.0	-1.2	90	31+	41	3	111	58	2	0	0	0
GREENWOOD 2 NE	74.1	51.2	62.7		91	31	39	1	114	46	1	0	0	0
LEWES	73.4	56.0	64.7	1.8	90	31	46	1	90	87	1	0	0	0
--DIVISIONAL DATA----->			63.5	.2										

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	1.29		.48	19	.0	0		4	0	0
PRINCESS ANNE	1.24	-2.11	.33	20	.0	0		2	0	0
SALISBURY	1.23	-2.27	.57	19	.0	0		5	1	0
SALISBURY FAA ARPT	1.34	-2.30	.85	19	.0	0		2	1	0
SNOW HILL 4 N	1.31	-2.21	.44	19	.0	0		4	0	0
--DIVISIONAL DATA----->	1.28	-2.18			.0					
CENTRAL EASTERN SHORE 02										
ROYAL OAK 2 SSW	.56	-3.67	.41	23	.0	0		1	0	0
VIENNA	1.04	-2.47	.92	24	.0	0		1	1	0
--DIVISIONAL DATA----->	.80	-3.15			.0					
LOWER SOUTHERN 03										
MECHANICSVILLE 5 NE	.63	-3.49	.56	23	.0	0		1	1	0
--DIVISIONAL DATA----->	.63	-3.45			.0					
UPPER SOUTHERN 04										
ANNAPOLIS POLICE BRKS	1.51	-2.55	1.10	24	.0	0		3	1	1
BALTIMORE WSO ARPT R	1.73	-1.99	.86	24	.0	0		3	1	0
BELTSVILLE	1.75	-2.57	.78	25	.0	0		3	2	0
DALECARLIA RESERVOIR	1.56	-2.63	.67	24	.0	0		3	2	0
GLENN DALE BELL STN	.80	-3.66	.43	23	.0	0		2	0	0
LAUREL 3 W	1.53	-3.00	.71	24	.0	0		3	2	0
NATIONAL ARBORETUM DC	1.04	-3.13	.56	23	.0	0		3	1	0
UPPER MARLBORO 3 NNW	1.40	-2.69	.69	25	.0	0		3	1	0
--DIVISIONAL DATA----->	1.42	-2.80			.0					
NORTHERN EASTERN SHORE 05										
CHESTERTOWN	1.12	-2.91	.73	24	.0	0		2	1	0
MILLINGTON 1 SE	1.20	-2.82	.67	24	.0	0		2	1	0
--DIVISIONAL DATA----->	1.16	-2.85			.0					
NORTHERN CENTRAL 06										
ABERDEEN PHILLIPS FIEL	M 1.49				.0	0		1	0	0
BALTIMORE CITY R					M	M				
CATOCTIN MOUNTAIN PARK	2.29		1.32	8	.0	0		3	2	1
CLARKSVILLE 3 NNE	1.39		.80	24	.0	0		3	1	0
CONOWINGO DAM	M 2.15		.60	12	.0	0		7	2	0
DAMASCUS 3 SSW	2.58		1.31	24	.0	0		4	2	1
EMMITSBURG 2 SE	1.70	-2.65	.75	8	.0	0		3	2	0
FREDERICK POLICE BRKS	1.27		.55	8	.0	0		3	1	0
MILLERS 4 NE	2.65		1.06	24	.0	0		4	3	1
ROCKVILLE 1 NE	1.66	-2.52	.55	24	.0	0		4	1	0
WOODSTOCK	1.25	-3.22	.62	24	.0	0		3	1	0
--DIVISIONAL DATA----->	1.85	-2.52			.0					
APPALACHIAN MOUNTAIN 07										
CUMBERLAND 2	2.55	-1.11	1.27	8	.0	0		4	2	1
CUMBERLAND POLICE BRK	3.13		2.13	8	.0	0		5	1	1
FROSTBURG 2	3.16		.94	8	.0	0		5	3	0
HAGERSTOWN POLICE BRK	M .86		.54	8	.0	0		3	1	0
SHARPSBURG 5 S	1.84		.59	9	.0	0		5	2	0
--DIVISIONAL DATA----->	2.67	-1.26			.0					
ALLEGHENY PLATEAU 08										
OAKLAND 1 SE	1.74	-2.97	.64	23	.0	0		5	1	0
SAVAGE RIVER DAM	4.42	.49	2.36	8	M .0	0		6	2	1
--DIVISIONAL DATA----->	3.08	-1.29			.0					
DELAWARE										
NORTHERN 01										
NEWARK UNIVERSITY FARM	3.21	-.94	1.91	24	.0	0		5	2	1
WILMINGTON WSO ARPT R	3.56	-.28	2.23	24	M	M		4	2	1
WILMINGTON PORTER RSVR	3.71	-.62	2.76	24	.0	0		5	1	1
--DIVISIONAL DATA----->	3.49	-.56			.0					
SOUTHERN 02										
DOVER	.90	-3.09	.40	19	.0	0		5	0	0
GREENWOOD 2 NE	.71		.41	23	.0	0		3	0	0
LEWES	1.37	-2.39	1.08	19	.0	0		1	1	1
--DIVISIONAL DATA----->	.99	-2.89			.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	1.29		.21	.30			.08									
PRINCESS ANNE	1.24	*	*	.10			.19									
SALISBURY	1.23		.02	.03	.10		.10	T								
SALISBURY FAA ARPT	1.34		.04	.26			.04	T								
SNOW HILL 4 N	1.31		.04	.08	.06		.10	.02								
CENTRAL EASTERN SHORE 02																
ROYAL OAK 2 SSW	.56			.06	.04											
VIENNA	1.04			.04	.03		.02									
LOWER SOUTHERN 03																
MECHANICSVILLE 5 NE	.63			T	.03		T	T	T							
UPPER SOUTHERN 04																
ANNAPOLIS POLICE BRKS	1.51				.11		.02		.03	.02						
BALTIMORE WSO ARPT	1.73			.04	T		T	.03	.02						T	
BELTSVILLE	1.75							T	.16	.06						
DALECARLIA RESERVOIR	1.56								.29							
GLENN DALE BELL STN	.80			.04												
LAUREL 3 W	1.53			T			T	.02	.12							
NATIONAL ARBORETUM DC	1.04				.01		.01	T	.13	.01						
UPPER MARLBORO 3 NNW	1.40				.04					.32						
NORTHERN EASTERN SHORE 05																
CHESTERTOWN	1.12			.09				T	T							
MILLINGTON 1 SE	1.20			*	*	*	*	*	.09							
NORTHERN CENTRAL 06																
ABERDEEN PHILLIPS FIEL	M 1.49	*	*	.02	.01		T	.01	-	-				.02	-	-
BALTIMORE CITY	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CATOCTIN MOUNTAIN PARK	2.29			.02				.04	1.32					.04		
CLARKSVILLE 3 NNE	1.39			.03				.03	.09							
CONOWINGO DAM	M 2.15				.10	-		.02	.12				.60	.15		-
DAMASCUS 3 SSW	2.58			.03	T	T	T		.84							
EMMITSBURG 2 SE	1.70			.05				.05	.75					.05		
FREDERICK POLICE BRKS	1.27							T	.55							
MILLERS 4 NE	2.65			.05	.03		T	.02	.50	T				.61	T	
POTOMAC FILTER PLANT	1.95			T				.02	.78							
ROCKVILLE 1 NE	1.66			T		T	T	.09	.49	T						
WOODSTOCK	1.25			.02	.02			T	.12							
APPALACHIAN MOUNTAIN 07																
CUMBERLAND 2	2.55				.02			.02	1.27	.01					.62	.01
CUMBERLAND POLICE BRK	3.13								2.13					.23		
FROSTBURG 2	3.16				.04		T	.02	.94	.02					.76	.02
HAGERSTOWN POLICE BRK	M .86			T	T				.54					.22		
SHARPSBURG 5 S	1.84				.02		T	T	.43	.59				.01		
ALLEGHENY PLATEAU 08																
OAKLAND 1 SE	1.74					T			.08					.04	.10	
SAVAGE RIVER DAM	4.42						.02	T	2.36	.02				.42	.36	.02
DELAWARE																
NORTHERN 01																
NEWARK UNIVERSITY FARM	3.21				T		T	T	.10					.62		
WILMINGTON WSO ARPT	3.56			.09	.01		T		T				.53	.02		
WILMINGTON PORTER RSVR	3.71			.04				.02					.22	.13		
SOUTHERN 02																
DOVER	.90			.10	T											
GREENWOOD 2 NE	.71			.01	.12			.02								
LEWES	1.37			.05	.06			.01								

MARYLAND AND DELAWARE
MAY 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	.01	.01	.02	.48				.05	.13							
PRINCESS ANNE			*	.31	.33		*	*	.31							
SALISBURY				.57	.24			.07	.10							
SALISBURY FAA ARPT		T	T	.85				.08	.07							
SNOW HILL 4 N				.44	.28			.07	.22							
CENTRAL EASTERN SHORE 02																
ROYAL OAK 2 SSW		T		T				.41	.05							
VIENNA							.03		.92							
LOWER SOUTHERN 03																
MECHANICSVILLE 5 NE		T		T			T	.56	.04							
UPPER SOUTHERN 04																
ANNAPOLIS POLICE BRKS								.23	1.10							
BALTIMORE WSO ARPT R			T	T			.41	.37	.86							
BELTSVILLE				.02				.73		.78						
DALECARLIA RESERVOIR								.60	.67							
GLENN DALE BELL STN								.43	.33							
LAUREL 3 W							.06	.62	.71							
NATIONAL ARBORETUM DC								.56	.30	.02						
UPPER MARLBORO 3 NNW								.30	.05	.69						
NORTHERN EASTERN SHORE 05																
CHESTERTOWN				T				.30	.73	T						
MILLINGTON 1 SE		*	*	*	.09			.26	.67	.09						
NORTHERN CENTRAL 06																
ABERDEEN PHILLIPS FIEL	-			.14	T			*	1.29					-	-	-
BALTIMORE CITY R	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CATOCTIN MOUNTAIN PARK				.01				.61	.25							
CLARKSVILLE 3 NNE							.24	.20	.80							
CONOWINGO DAM				.14	-	-		.42	.02	.58						-
DAMASCUS 3 SSW							.12	.28	1.31							
EMMITSBURG 2 SE								.60	.20							
FREDERICK POLICE BRKS								.45	.27							
MILLERS 4 NE			T					.38	1.06							
POTOMAC FILTER PLANT							.32	.44	.39							
ROCKVILLE 1 NE				T			.37	.16	.55							
WOODSTOCK				.05				.42	.62							
APPALACHIAN MOUNTAIN 07																
CUMBERLAND 2				.06				.35	.19							
CUMBERLAND POLICE BRK				.09			.21	.28	.17	.02						
FROSTBURG 2				.21				.89	.21	.05						
HAGERSTOWN POLICE BRK								.10	-	-	-	-	-	-	-	-
SHARPSBURG 5 S					T			.58	.11	.10						
ALLEGHENY PLATEAU 08																
OAKLAND 1 SE				.39			.12	.64	.33	.04						
SAVAGE RIVER DAM				.16				.73	.25	.08						
DELAWARE																
NORTHERN 01																
NEWARK UNIVERSITY FARM				.15	.08			.35	1.91							
WILMINGTON WSO ARPT R			T	.44			.01	.23	2.23							
WILMINGTON PORTER RSVR				.24				.30	2.76							
SOUTHERN 02																
DOVER				.40				.10	.15	.15						
GREENWOOD 2 NE				T	.10			.41	.03	.02						
LEWES				1.08	.02			.07	.08							

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	58	53	53	66	63	60	74	77	77	72	66	72	66	59	63
		MIN	47	49	50	50	49	55	56	56	54	52	50	49	55	53	53
PRINCESS ANNE	17	MAX			63	73	74	70				89	79	81	81	76	
		MIN			50	50	49	55				49	45	49	54	54	
SALISBURY	17	MAX	62	60	57	70	75	67	83	84	83	80	77	80	79	66	64
		OBS														79	
		MIN	42	45	51	53	49	57	57	64	58	55	52	53	60	54	47
SALISBURY FAA ARPT	MID	MAX	61	57	56	71	73	67	85	84	82	78	74	82	71	61	67
		MIN	40	44	50	51	48	57	57	59	54	51	48	48	53	49	44
SNOW HILL 4 N	17	MAX	60	58	54	69	70	65	85	85	81	79	75	81	80	64	65
		MIN	40	45	50	51	47	56	58	61	52	48	46	47	54	53	47
CENTRAL EASTERN SHORE 02																	
ROYAL OAK 2 SSW	18	MAX	66	66	64	73	75	71	81	81	79	76	78	79	76	66	71
		MIN	40	42	49	53	49	57	58	59	54	49	48	51	60	53	45
VIENNA	18	MAX	63	63	63	73	79	76	84	85	84	79	77	79	78	70	67
		MIN	43	43	43	52	48	56	57	65	56	52	49	52	58	49	41
		OBS															
LOWER SOUTHERN 03																	
MECHANICSVILLE 5 NE	19	MAX	65	62	60	73	72	69	77	82	79	77	76	82	77	63	69
		MIN	38	44	48	50	49	56	59	60	53	47	46	49	56	56	48
UPPER SOUTHERN 04																	
ANNAPOLIS POLICE BRKS	17	MAX	72	64	68	78	78	78	81	80	80	75	78	74	70	73	
		MIN	38	44	47	49	53	57	51	58	57	50	54	58	64	53	51
		OBS															
BALTIMORE WSO ARPT	MID	MAX	67	68	60	76	75	64	68	80	78	78	77	85	70	68	74
		MIN	44	45	47	52	50	54	57	58	52	45	49	50	60	51	47
BELTSVILLE	08	MAX	68	68	69	61	78	76	69	74	80	78	79	79	85	70	67
		MIN	40	40	40	50	50	55	57	58	57	45	49	50	60	54	46
DALECARLIA RESERVOIR	17	MAX	67	70	63	78	79	76	78	79	79	78	80	85	85	70	74
		MIN	40	41	42	51	53	56	58	61	58	51	48	76	62	56	46
		OBS										67					
GLENN DALE BELL STN	16	MAX	72	66	63	77	76	68	73	78	78	79	79	86	69	68	73
		MIN	34	36	37	49	51	53	57	57	51	43	46	49	55	50	42
		OBS									34						
LAUREL 3 W	MID	MAX	70	71	60	78	78	66	73	80	78	80	81	86	75	70	75
		MIN	42	45	50	51	51	56	63	59	60	53	54	55	60	52	46
NATIONAL ARBORETUM DC	07	MAX	68	69	71	62	82	79	62	79	80	81	82	83	78	74	69
		MIN	42	42	44	54	50	55	57	58	56	53	52	53	62	54	48
UPPER MARLBORO 3 NNW	08	MAX															
		MIN															
NORTHERN EASTERN SHORE 05																	
CHESTERTOWN	23	MAX	68	66	59	75	81	65	74	83	79	79	78	83	72	69	72
		MIN	40	43	46	50	49	55	55	57	57	52	50	50	59	49	44
MILLINGTON 1 SE	18	MAX	67	67	67	70	77	73	68	80	77	74	73	80	79	69	70
		OBS			***	***	***	***	***								
		MIN	39	41						57	54	47	46	46	59	47	43
NORTHERN CENTRAL 06																	
ABERDEEN PHILLIPS FIEL	16	MAX			58	70	77	77	66			75	75	81	81	65	
		MIN			55	54	49	56	57			52	53	51	60	53	
BALTIMORE CITY	MID	MAX	75	76	76	82	81	67	74	86	83	83	80	80	70	69	74
		MIN	53	55	55	58	59	61	61	63	67	60	61	60	62	55	52
CATOCTIN MOUNTAIN PARK	17	MAX	68	70	69	76	75	75	68	72	71	73	75	81	75	63	69
		MIN	39	44	47	47	51	51	54	56	55	46	50	55	53	47	41
CLARKSVILLE 3 NNE	17	MAX	69	71	59	77	77	62	70	79	77	79	78	87	70	69	73
		MIN	35	35	40	49	48	52	56	58	50	41	44	48	59	47	40
CONOWINGO DAM	MID	MAX	70	71	67	73	78	62	69	79	79	76	78	77	63	68	70
		OBS					***			***					82		***
		MIN	40	45	49	55		58	57		56	49	50	50	53	50	
DAMASCUS 3 SSW	22	MAX	66	70	58	75	76	66	73	76	73	75	75	83	66	63	70
		MIN	39	42	46	48	50	54	54	58	55	44	51	53	57	50	43
EMMITSBURG 2 SE	17	MAX	68	70	69	74	77	77	70	75	75	75	75	75	77	66	70
		MIN	31	32	36	42	46	41	41	57	52	35	40	40	48	51	40
FREDERICK POLICE BRKS	17	MAX	68	71	71	72	77	77	70	75	77	78	78	82	82	64	70
		MIN	41	44	49	52	53	59	57	62	59	48	48	56	58	62	43
MILLERS 4 NE	18	MAX	69	70	65	72	76	72	70	74	72	72	75	81	78	66	70
		MIN	39	40	47	49	49	55	55	58	52	46	49	52	54	48	40
ROCKVILLE 1 NE	MID	MAX	67	71	60	75	76	64	77	77	75	76	78	87	68	64	70
		OBS								61							
		MIN	42	47	51	52	53	49	48	45	46	54	59	46	46	46	46
WOODSTOCK	18	MAX	70	71	63	78	78	71	72	78	76	78	78	86	82	68	73
		MIN	38	39	44	50	50	54	57	59	55	43	45	50	59	51	42
APPALACHIAN MOUNTAIN 07																	

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		65	67	72	73	76	71	72	80	71	76	79	74	83	89	90	84	71.0
		54	56	56	60	53	56	54	62	52	48	56	52	61	65	64	64	54.5
PRINCESS ANNE			77		78	82	78			81	75	78	76					M
			51		55	56	42			55	48	49	54				M	
SALISBURY		72	75	75	73	76	78	86	85	85	75	77	75	84	89	91	90	76.5
		49	56	57	61	57	49	55	65	64	50	53	55	55	59	62	65	55.1
SALISBURY FAA ARPT		72	75	74	71	77	79	87	83	77	74	79	74	85	90	93	92	75.8
		47	56	56	61	52	46	51	65	50	45	50	51	51	55	60	61	51.9
SNOW HILL 4 N		70	74	75	71	77	79	85	85	81	75	79	77	85	90	93	93	76.1
		51	51	55	60	56	42	50	64	61	46	52	54	50	57	60	62	52.5
CENTRAL EASTERN SHORE																		
ROYAL OAK 2 SSW	02	71	76	80	75	75	78	86	81	80	75	80	77	84	89	90	91	77.1
		44	51	53	63	60	44	56	64	62	50	51	56	53	54	58	61	53.1
VIENNA		71	75	78	77	81	79	89	84	85	79	80	74	85	90	94	92	78.5
		45	56	55	56	68	52	54	72	76	50	53	54	54	57	64	58	54.5
LOWER SOUTHERN																		
MECHANICSVILLE 5 NE	03	69	72	77	73	76	80	87	79	79	72	78	73	83	87	90	88	75.7
		44	52	51	64	57	43	52	63	60	47	50	52	48	53	56	60	52.0
UPPER SOUTHERN																		
ANNAPOLIS POLICE BRKS	04	71	72	78	78	78	78	82	80	78	78	72	80	86	84	90	90	77.5
		50	52	58	68	59	50	58	56	63	54	53		56	58	60	66	54.8
					50	40				76	70	70			78	78		
BALTIMORE WSO ARPT		71	73	78	77	77	83	87	79	80	74	78	75	85	88	91	89	76.5
		42	48	51	64	51	44	51	63	54	50	52	53	48	57	59	59	51.8
BELTSVILLE		72	71	73	78	78	77	82	88	80	79	76	80	76	85	89	91	76.6
		43	49	52	61	55	45	52	63	62	50	48	56	47	54	56	59	51.7
DALECARLIA RESERVOIR		73	77	79	80	78	83	88	83	80	75	81	77	81	98	93	92	79.3
		60	50	64	62	67	49	73	63	62	63	52	65	49	53	59	61	56.5
GLENN DALE BELL STN																		
		72	75	79	75	77	83	88	79	76	75	80	76	86	90	93	90	77.4
		39	48	50	61	49	42	50	62	51	45	45	53	43	49	55	57	48.7
LAUREL 3 W																		
		73	72	81	79	79	83	89	80	78	75	80	76	87	90	94	93	78.4
		45	56	55	63	54	55	56	61	59	54	56	55	57	64	67	63	55.4
NATIONAL ARBORETUM DC																		
		75	76	80	82	81	81	87	91	83	80	77	83	79	88	92	94	79.0
		44	50	54	60	57	47	51	63	58	54	53	57	59	55	62	62	53.7
UPPER MARLBORO 3 NNW																		M
																		M
NORTHERN EASTERN SHORE																		
CHESTERTOWN	05	73	76	80	73	78	82	88	81	79	76	80	76	86	91	93	92	77.6
		45	49	55	61	55	46	52	63	58	52	52	54	54	54	61	61	52.5
MILLINGTON 1 SE		70	76	78	75	78	76	83	78	76	74	78	75	82	87	90	90	76.0
		43	***	***	***													
						49	42	50	62	60	48	50	53	47	53	57	58	50.0
NORTHERN CENTRAL																		
ABERDEEN PHILLIPS FIEL	06		73	78	78	75	77	84		73	73	76	75	84				M
			52	56	63	56	43			60	50	55	54	49				M
BALTIMORE CITY		73	76	82	78	79	83	89	83	84	81	85	82	93	90	99	99	81.0
		52	57	61	67	60	61	65	67	66	59	62	62	66	60	63	75	60.8
CATOCTIN MOUNTAIN PARK		68	71	74	72	74	76	80	73	68	66	72	71	81	84	88	86	73.7
		43	49	53	58	47	49	57	56	56	49	54	50	54	59	64	66	51.6
CLARKSVILLE 3 NNE		72	74	79	79	77	81	87	78	75	72	77	75	84	89	92	89	76.7
		39	44	48	63	48	42	49	62	55	49	49	50	44	49	54	56	48.5
CONOWINGO DAM		74	73	77	81	76	81	85	76	78	74	75	78	89	93	95		76.2
						***	***			***	***							
		47	50	52	59			52			48	52	55	54	57	55		51.9
DAMASCUS 3 SSW		68	72	75	71	74	77	83	75	72	69	75	73	82	85	88	86	73.9
		40	46	53	56	48	47	53	60	59	52	53	53	52	54	59	60	51.3
EMMITSBURG 2 SE		69	72	74	71	72	79	82	80	78	69	75	73	84	84	90	88	75.3
		41	44	43	51	50	50	48	62	57	50	47	54	42	48	50	53	45.9
FREDERICK POLICE BRKS		72	72	74	76	77	78	83	84	76	71	76	75	84	88	90	90	76.7
		45	49	55	58	54	49	55	61	60	51	53	55	53	57	63	61	53.9
MILLERS 4 NE		70	73	77	76	72	77	83	78	70	68	73	72	83	86	88	87	74.7
		42	46	49	63	51	45	51	60	58	47	52	52	48	55	63	59	50.8
ROCKVILLE 1 NE		70	74	80	73	75	80	85	79	74	74	77	74	84	88	91	90	75.9
		45	50	53	61	54	48	58	62	56	54	56	56	56	61	61	61	52.5
WOODSTOCK		72	74	80	78	77	83	87	78	77	73	77	76	86	90	92	91	77.8
		40	44	49	64	52	42	49	61	58	47	48	53	44	51	55	57	50.0
APPALACHIAN MOUNTAIN																		
	07																	

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
CUMBERLAND 2	17	MAX	73	76	73	81	79	76	81	75	76	83	82	89	83	66	73
		MIN	41	41	43	52	52	55	60	58	45	47	48	55	49	43	42
CUMBERLAND POLICE BRK	17	MAX	69	73	73	76	78	70	78	77	72	79	79	83	83	63	72
		MIN	38	38	38	48	49	54	60	55	56	42	44	51	51	47	41
FROSTBURG 2	07	MAX	66	68	70	68	74	72	61	76	69	67	74	76	83	55	58
		MIN	37	37	42	43	49	49	55	56	52	42	43	47	52	46	40
HAGERSTOWN POLICE BRK	17	MAX	69	71	71	77	77	74	75	76	75	76	76	83	80	67	71
		MIN	42	43	42	48	53	56	59	59	57	50	49	58	51	54	44
		OBS															
SHARPSBURG 5 S	07	MAX	68	70	73	62	78	77	66	74	77	77	78	78	85	65	66
		OBS									***	***					
		MIN	35	35	36	41	48	55	60	61			44	48	54	55	38
ALLEGHENY PLATEAU 08																	
OAKLAND 1 SE	17	MAX	62	68	70	75	75	69	78	73	67	75	78	80	76	51	65
		MIN	32	34	31	41	44	47	54	53	52	34	38	46	50	46	45
SAVAGE RIVER DAM	08	MAX	65	70	71	70	77	72	65	76	68	68	76	75	83	57	58
		OBS								59							
		MIN	37	37	37	38	47	48	53	55	55	42	43	45	53	47	43
DELAWARE																	
NORTHERN 01																	
NEWARK UNIVERSITY FARM	17	MAX	69	68	65	71	77	77	65	79	75	74	75	82	81	67	73
		MIN	41	39	41	42	48	53	54	43	56	50	50	46	55	45	45
		OBS															
WILMINGTON WSO ARPT	MID	MAX	68	67	58	66	74	73	65	78	75	74	71	79	64	66	72
		MIN	40	44	49	53	51	54	54	58	56	49	50	50	54	50	42
WILMINGTON PORTER RSVR	MID	MAX	65	64	57	64	76	62	63	79	73	73	74	80	61	64	68
		MIN	44	46	51	52	54	54	54	57	58	53	54	50	53	48	46
SOUTHERN 02																	
DOVER	17	MAX	59	63	63	67	68	68	66	84	84	74	74	79	79	64	65
		MIN	42	44	41	51	47	52	54	55	57	50	51	50	59	47	48
GREENWOOD 2 NE	07	MAX	61	61	63	57	69	78	63	80	83	79	78	71	81	68	62
		MIN	39	44	48	51	47	52	55	57	54	51	47	49	53	54	45
LEWES	17	MAX	56	58	56	64	71	66	69	84	83	79	70	83	82	60	61
		MIN	46	47	52	53	51	55	55	55	58	56	54	53	59	54	51

DAILY TEMPERATURES (°F)

May 1999

STATION	DAY OF MONTH																	AVERAGE
	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
CUMBERLAND 2	72	79	76	74	78	82	82	76	70	67	72	75	84	89	90	89	78.1	
CUMBERLAND POLICE BRK	44	48	56	45	41	45	56	56	52	48	43	46	48	50	57	50	48.9	
	72	76	76	73	75	80	80	74	72	66	70	73	81	86	87	87	75.9	
FROSTBURG 2	39	45	53	57	44	41	46	46	55	46	47	51	45	45	51	54	47.6	
	69	68	74	69	64	70	77	78	69	66	62	65	67	75	82	85	70.2	
HAGERSTOWN POLICE BRK	38	41	46	54	41	43	45	52	52	43	45	44	47	50	51	54	46.3	
	71	74	76	76	77	79	80	83	73	70	76	76	85	88	89	89	76.8	
SHARPSBURG 5 S	44	50	54	48	50	45	50	59	56	49	49	50	45	45	58	57	50.8	
								45							45			
	73	71	75	78	75	77	81	85	77	75	71	77	75	85	88	90	75.7	
	39	42	52	52	43	41	43	50	56	45	48	49	44	46	50	55	47.1	
ALLEGHENY PLATEAU 08																		
OAKLAND 1 SE	68	75	75	69	69	76	73	63	63	60	63	67	74	79	82	83	71.0	
	41	44	50	53	34	35	40	57	46	44	50	46	40	39	43	48	43.8	
SAVAGE RIVER DAM	66	66	74	72	65	72	77	75	75	60	62	66	68	75	81	83	70.6	
	40	41	47	54	42	41	42	50	50	47	46	48	45	46	49	53	45.8	
DELAWARE																		
NORTHERN 01																		
NEWARK UNIVERSITY FARM	74	75	78	76	76	79	84	76	76	74	78	79	84	89	90	92	76.7	
	47	43	49	59	53	46	50	62	50	46	48	49	50	55	60	60	49.5	
				47														
	71	73	76	69	75	78	80	75	71	72	76	73	84	88	90	88	73.8	
WILMINGTON WSO ARPT	44	50	54	58	52	47	52	61	55	50	55	51	50	58	61	61	52.0	
WILMINGTON PORTER RSVR	69	75	74	67	74	78	83	74	72	72	75	72	82	86	90	90	72.8	
	47	51	55	61	55	53	55	61	56	53	55	52	57	63	62	63	54.0	
SOUTHERN 02																		
DOVER	69	69	73	73	68	74	75	79	77	74	75	75	80	88	90	90	73.7	
	48	54	53	55	53	46	52	61	60	49	52	51	53	58	64	64	52.3	
GREENWOOD 2 NE	64	72	71	74	69	76	79	88	79	79	74	79	74	84	89	91	74.1	
	46	52	55	60	55	44	51	54	62	44	47	53	51	55	60	51	51.2	
LEWES	65	69	67	65	72	74	78	82	80	74	79	77	83	88	89	90	73.4	
	53	56	57	58	59	58	56	64	63	51	55	55	56	61	66	68	56.0	

EVAPORATION AND WIND

STATION		DAY OF MONTH														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MARYLAND UPPER SOUTHERN 04 BELTSVILLE	WIND	59	67	86	79	40	56	63	44	35	59	43	38	72	65	*
	EVAP	20	24	24	6	20	19	5	9	14	26	23	23	26	18	*
	MAX	73	73	68	56	80	78	64	75	78	80	80	83	85	68	-
	MIN	40	40	43	45	51	55	57	56	59	50	50	53	55	50	-
	WIND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	EVAP	-	-	-	0	18	21	5	*	*	43	26	22	24	18	*
	MAX	78	79	72	58	88	84	70	83	85	85	90	90	90	77	71
	MIN	42	41	41	45	53	55	57	59	60	54	53	53	55	52	46
DELAWARE NORTHERN 01 NEWARK UNIVERSITY FARM	WIND	63	110	25	15	22	44	82	64	25	32	23	14	39	71	61
	EVAP	30	37	11	9	7	-	-	9	21	16	21	17	25	15	15
	MAX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	MIN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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

MAY 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	*	*	229	43	96	71	35	38	53	79	83	111	61	55	28	-	1848B	
	*	*	72	22	26	30	25	21	17	36	29	37	26	29	27	-	6.76B	
	-	-	75	82	79	78	82	86	80	75	75	80	78	85	89	-	77.2	
	-	-	44	55	52	50	52	62	62	50	50	52	50	52	59	-	51.6	
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	M	
	*	58	16	23	*	47	-	-	-	26	24	32	25	*	*	73	6.21B	
	82	80	81	90	78	87	89	94	84	85	80	84	84	90	95	99	83.3	
	46	46	53	58	53	50	51	58	64	51	51	53	52	53	59	61	52.4	
DELAWARE NORTHERN 01 NEWARK UNIVERSITY FARM	28	15	30	21	8	3	4	2	2	16	34	31	67	18	13	7	989	
	16	21	19	12	8	21	7	55	18	18	25	20	31	27	27	31	6.30B	
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	M	
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	M	

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				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 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
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 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 49W	10	18	18		H	DELMARVA POWER & LIGHT
WESTMINSTER POL BRKS	9440	06	CARROLL	39 33	76 58W	765	17	17		H	INACTIVE 04/01/1999
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.

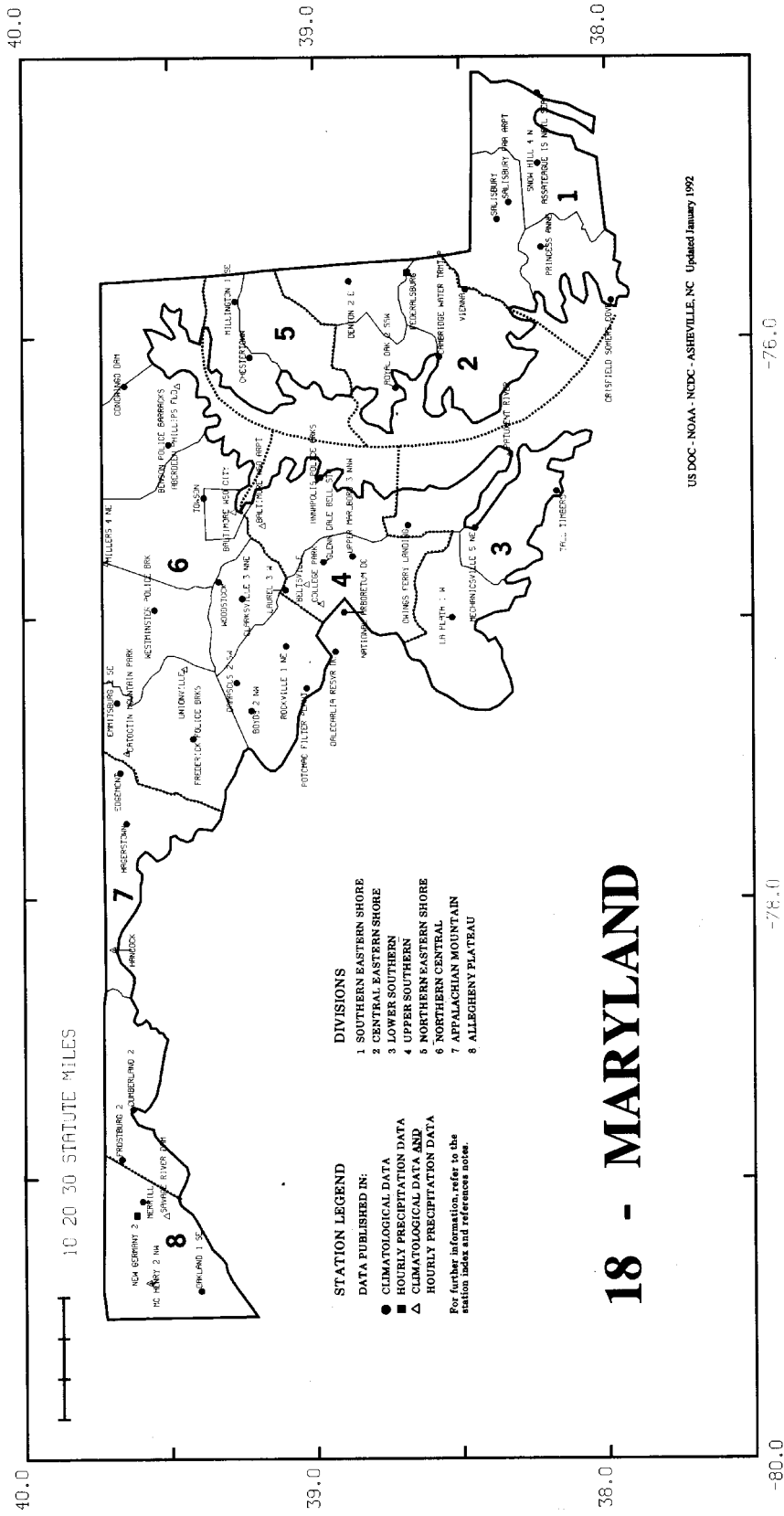
V Includes total for previous month(s). (See * above)

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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