

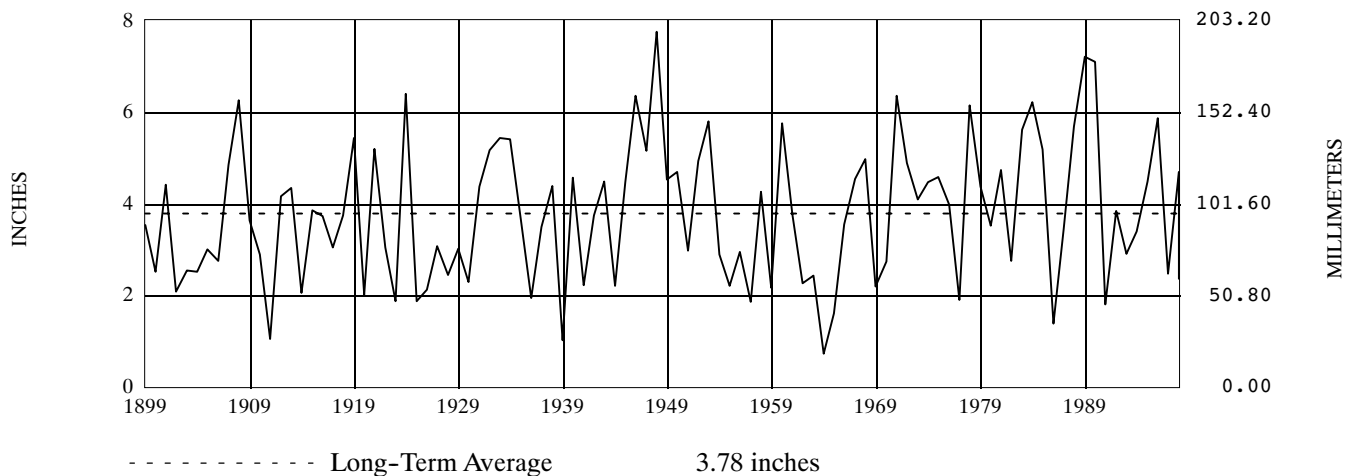
CLIMATOLOGICAL DATA

MARYLAND AND DELAWARE

MAY 1998

VOLUME 102 NUMBER 05

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----- Long-Term Average 3.78 inches
MARYLAND AND DELAWARE PRECIPITATION MAY, 1899-1998

TEMPERATURE AND PRECIPITATION EXTREMES

MARYLAND

HIGHEST TEMPERATURE	97	MAY 19	BALTIMORE CITY	R
LOWEST TEMPERATURE	36	MAY 16	SALISBURY	
GREATEST TOTAL PRECIPITATION	6.51		ABERDEEN PHILLIPS FIEL	
LEAST TOTAL PRECIPITATION	2.30		HAGERSTOWN POLICE BRK	
GREATEST 1 DAY PRECIPITATION	2.00	MAY 8	FREDERICK POLICE BRKS	

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TEMPERATURE AND PRECIPITATION EXTREMES

DELAWARE

HIGHEST TEMPERATURE	91	MAY 31+	2 STATIONS
LOWEST TEMPERATURE	39	MAY 14	NEWARK UNIVERSITY FARM
GREATEST TOTAL PRECIPITATION	4.63		DOVER
LEAST TOTAL PRECIPITATION	4.13		WILMINGTON WSO ARPT R
GREATEST 1 DAY PRECIPITATION	2.50	MAY 12	DOVER

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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	70.9	55.4	63.2		91	19	39	15	130	81	1	0	0	0
PRINCESS ANNE	M	M	M		91	20+	39	15			2	0	0	0
SALISBURY	77.1	56.3	66.7	2.0	93	30	36	16	62	122	5	0	0	0
SALISBURY FAA ARPT	72.5	52.0	62.3	-.9	92	30	38	15	144	68	1	0	0	0
SNOW HILL 4 N	76.4	55.5	66.0	2.5	94	30	37	15	79	117	4	0	0	0
--DIVISIONAL DATA----->			64.6	.9										
CENTRAL EASTERN SHORE 02														
ROYAL OAK 2 SSW	76.9	59.0	68.0	3.1	91	30+	42	14	43	139	4	0	0	0
VIENNA	78.2	57.1	67.7	2.5	94	30	42	15	60	150	6	0	0	0
--DIVISIONAL DATA----->			67.9	3.2										
LOWER SOUTHERN 03														
LA PLATA 1 W	76.4	58.1	67.3	3.4	92	19	45	14	47	125	2	0	0	0
MECHANICSVILLE 5 NE	75.1	56.8	66.0	2.1	91	19	41	14	69	107	1	0	0	0
--DIVISIONAL DATA----->			66.7	2.3										
UPPER SOUTHERN 04														
ANNAPOLIS POLICE BRKS	80.1	58.3	69.2	4.6	92	20+	44	3	29	164	4	0	0	0
BALTIMORE WSO ARPT	R	77.2	55.7	66.5	3.1	92	30+	43	14	59	5	0	0	0
BELTSVILLE	76.6	56.4	66.5	4.5	92	31+	46	14	64	116	3	0	0	0
DALECARLIA RESERVOIR	79.2	56.7	68.0	3.2	92	19+	43	12	47	145	7	0	0	0
GLENN DALE BELL STN	77.5	55.3	66.4	3.2	93	18	43	14	67	119	5	0	0	0
LAUREL 3 W	77.8	58.2	68.0	4.2	94	30	46	14	49	149	5	0	0	0
NATIONAL ARBORETUM DC	79.2	57.5	68.4	4.4	95	31	46	14	40	152	7	0	0	0
UPPER MARLBORO 3 NNW	75.6	56.0	65.8	3.2	92	31	44	14	72	106	3	0	0	0
--DIVISIONAL DATA----->			67.4	3.7										
NORTHERN EASTERN SHORE 05														
CHESTERTOWN	77.7	54.8	66.3	2.7	92	19+	39	14	69	120	5	0	0	0
--DIVISIONAL DATA----->			66.3	2.8										
NORTHERN CENTRAL 06														
ABERDEEN PHILLIPS FIEL	M	57.0	M		91	20+	44	14			3	0	0	0
BALTIMORE CITY	R	79.7M	63.3M	71.5M	4.7	97	19	53	14	23	5	0	0	0
CATOCTIN MOUNTAIN PARK	73.5	55.5	64.5		88	16	45	13	111	103	0	0	0	0
CLARKSVILLE 3 NNE	77.8	51.8	64.8		91	30+	42	24+	76	80	4	0	0	0
CONOWINGO DAM	78.4	59.3	68.9	6.9	92	20+	50	15+	34	158	4	0	0	0
DAMASCUS 2 SSW	74.2	55.1	64.7		88	19+	44	14	91	86	0	0	0	0
EMMITSBURG 2 SE	76.0	54.4	65.2	3.8	88	21	40	14	72	88	0	0	0	0
FREDERICK POLICE BRKS	77.5	58.4	68.0		91	20+	46	14	49	148	2	0	0	0
GERMANTOWN 2 W	M	M	M											
MILLERS 4 NE	75.2	55.5	65.4		89	16	41	14	90	106	0	0	0	0
ROCKVILLE 1 NE	75.6	57.6	66.6	4.6	91	16	45	14	67	124	2	0	0	0
WESTMINSTER POL BRKS	76.7	54.5	65.6	3.7	90	30+	42	14	87	115	3	0	0	0
WOODSTOCK	78.3	55.3	66.8	4.1	93	16	45	14	54	118	6	0	0	0
--DIVISIONAL DATA----->			66.5	3.9										
APPALACHIAN MOUNTAIN 07														
CUMBERLAND 2	78.0	54.8	66.4	3.3	91	31+	48	23	54	105	3	0	0	0
CUMBERLAND POLICE BRK	76.2	54.1	65.2		90	30	45	24	75	86	1	0	0	0
FROSTBURG 2	70.7	50.6	60.7		85	30+	43	22	161	33	0	0	0	0
HAGERSTOWN POLICE BRK	77.6	56.2	66.9		90	21+	46	14	50	116	3	0	0	0
--DIVISIONAL DATA----->			64.8	3.6										
ALLEGHENY PLATEAU 08														
OAKLAND 1 SE	70.9	49.2	60.1	3.8	83	16	38	22	164	17	0	0	0	0
SAVAGE RIVER DAM	71.4	51.1	61.3	3.7	86	17	43	22	143	34	0	0	0	0
--DIVISIONAL DATA----->			60.7	4.1										
DELAWARE														
NORTHERN 01														
NEWARK UNIVERSITY FARM	78.1	55.3	66.7	3.6	91	31+	39	14	56	116	5	0	0	0
WILMINGTON WSO ARPT	R	74.6	55.9	65.3	2.8	91	19	40	14	89	106	2	0	0
WILMINGTON PORTER RSVR	75.0	57.3	66.2	4.3	90	31+	40	14	77	119	3	0	0	0
--DIVISIONAL DATA----->			66.1	3.5										
SOUTHERN 02														
DOVER	74.7	56.1	65.4	1.2	89	31	41	14	89	108	0	0	0	0
GREENWOOD 2 NE	M	M	M											
LEWES	M	M	M											

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	4.03		1.72	12	.0	0		6	3	1
PRINCESS ANNE	5.33	1.98			.0	0		4	1	1
SALISBURY	4.50	1.00	1.27	12	.0	0		7	3	2
SALISBURY FAA ARPT	3.85	.21	1.45	12	.0	0		9	2	2
SNOW HILL 4 N	4.57	1.05	1.42	12	.0	0		13	2	1
--DIVISIONAL DATA----->	4.46	1.00			.0					
CENTRAL EASTERN SHORE 02										
ROYAL OAK 2 SSW	3.53	-.70	1.21	12	.0	0		7	3	1
VIENNA	3.25	-.26	1.09	12	.0	0		6	2	2
--DIVISIONAL DATA----->	3.39	-.56			.0					
LOWER SOUTHERN 03										
LA PLATA 1 W	3.90	.04	.83	25	.0	0		8	3	0
MECHANICSVILLE 5 NE	4.68	.56	.82	12	.0	0		13	4	0
--DIVISIONAL DATA----->	4.29	.21			.0					
UPPER SOUTHERN 04										
ANNAPOLIS POLICE BRKS	3.74	-.32	1.30	12	.0	0		11	1	1
BALTIMORE WSO ARPT R	3.46	-.26	.74	12	T	T		9	3	0
BELTSVILLE	5.43	1.11	1.48	6	.0	0		8	4	2
DALECARLIA RESERVOIR	5.28	1.09	.76	3	.0	0		10	6	0
GLENN DALE BELL STN	5.52	1.06	1.66	4	.0	0		8	5	1
LAUREL 3 W	5.05	.52	1.10	6	.0	0		12	3	1
NATIONAL ARBORETUM DC	4.36	.19	.90	4	.0	0		10	5	0
UPPER MARLBORO 3 NNW	5.08	.99	.97	8	.0	0		11	4	0
--DIVISIONAL DATA----->	4.74	.52			.0					
NORTHERN EASTERN SHORE 05										
CHESTERTOWN	4.92	.89	1.45	5	.0	0		10	3	2
--DIVISIONAL DATA----->	4.92	.91			.0					
NORTHERN CENTRAL 06										
ABERDEEN PHILLIPS FIEL	6.51	2.44	1.74	6	.0	0		5	4	3
BALTIMORE CITY R					M	M				
CATOCTIN MOUNTAIN PARK	6.09		1.75	8	.0	0		13	5	1
CLARKSVILLE 3 NNE	4.67		1.15	8	.0	0		10	3	1
CONOWINGO DAM	5.80	1.62	1.13	6	.0	0		10	6	1
DAMASCUS 2 SSW	4.71		1.30	8	.0	0		11	4	1
EMMITSBURG 2 SE	5.84	1.49	1.10	8	.0	0		13	5	1
FREDERICK POLICE BRKS	5.27		2.00	8	.0	0		7	4	2
GERMANTOWN 2 W					M	M				
MILLERS 4 NE	4.92		.99	12	.0	0		10	3	0
ROCKVILLE 1 NE	4.31	.13	.72	2	.0	0		10	5	0
WESTMINSTER POL BRKS	6.09	1.82	1.32	6	.0	0		10	5	2
WOODSTOCK	6.38	1.91	1.82	8	.0	0		12	4	2
--DIVISIONAL DATA----->	5.51	1.14			.0					
APPALACHIAN MOUNTAIN 07										
CUMBERLAND 2	4.69	1.03	1.05	6	.0	0		9	4	1
CUMBERLAND POLICE BRK	4.61		1.12	6	.0	0		10	5	1
FROSTBURG 2	4.05		1.37	5	.0	0		9	2	1
HAGERSTOWN POLICE BRK	2.30		.85	8	.0	0		4	2	0
--DIVISIONAL DATA----->	3.91	-.02			.0					
ALLEGHENY PLATEAU 08										
OAKLAND 1 SE	5.46	.75	1.10	5	.0	0		11	4	1
SAVAGE RIVER DAM	4.56	.63	1.14	5	.0	0		10	3	1
--DIVISIONAL DATA----->	5.01	.64			.0					
DELAWARE										
NORTHERN 01										
NEWARK UNIVERSITY FARM	4.33	.18	1.10	12	.0	0		10	3	1
WILMINGTON WSO ARPT R	4.13	.29	.91	8	M	M		8	4	0
WILMINGTON PORTER RSVR	4.31	-.02	1.18	8	.0	0		9	4	1
--DIVISIONAL DATA----->	4.26	.21			.0					
SOUTHERN 02										
DOVER	4.63	.64	2.50	12	.0	0		8	2	1
GREENWOOD 2 NE					M	M				
LEWES					M	M				

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				
--DIVISIONAL DATA----->			65.4	2.1														

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
--DIVISIONAL DATA----->	4.63	.75			.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	4.03	.64	.01		.08	.02	.02	.02	.73	.29	.02	.02	1.72	.01		
PRINCESS ANNE	5.33	*	*	*	*	*	*	*	2.00	*	*	.17	1.49	.17		
SALISBURY	4.50	.27	.22	T		.02	T	T	1.23	.90	.09	.08	1.27	.10		
SALISBURY FAA ARPT	3.85	.25	.14		.30	.06	T	.02	1.01	.16	.05	.10	1.45	.01		
SNOW HILL 4 N	4.57	.24	.19		.06	.11	.30		.68	.10	.13	.02	1.42	.20		
CENTRAL EASTERN SHORE 02																
ROYAL OAK 2 SSW	3.53	.10	.38		.05	.60		T	.59	.07	.06	.34	1.21			
VIENNA	3.25						.27		1.08	.09	.05	.21	1.09	.06		
LOWER SOUTHERN 03																
LA PLATA 1 W	3.90	.06	.65	.22	.22	.39		.02	.73	.47			.31			
MECHANICSVILLE 5 NE	4.68	.29	.27	.44	.69	.07	T	.14	.56	.11	.10	.11	.82	.12		
UPPER SOUTHERN 04																
ANNAPOLIS POLICE BRKS	3.74		.47	.24	.30	.40	.07	.20	.10	.10	.10	.20	1.30	.03		
BALTIMORE WSO ARPT R	3.46	.50	.11	.30	.06	.18	.01	.40	.50	.05	.14	.40	.74			
BELTSVILLE	5.43			1.36	.57		1.48		.65			.32	.45	.39		
DALECARLIA RESERVOIR	5.28	.20	.59	.76	.74	.25	.72	.08	.70	.06	.14	.09	.65	.05		
GLENN DALE BELL STN	5.52				1.66		.16		.80			.79	.48	.52		
LAUREL 3 W	5.05	.40	.43	.15	.30	.44	1.10	.20	.90	.10	.10	.24	.69			
NATIONAL ARBORETUM DC	4.36			.44	.90		.75	.05	.57	.17	.13	.10	.52	.50		
UPPER MARLBORO 3 NNW	5.08		.64	.40	.75		.38		.97	.29	.15	.20	.44	.64		
NORTHERN EASTERN SHORE 05																
CHESTERTOWN	4.92	.37	.04	.43	.05	1.45		.10	.83	.11	.18	.11	1.04			
NORTHERN CENTRAL 06																
ABERDEEN PHILLIPS FIEL R	6.51	.01	.68	*	.52	.01	1.74	.14	1.40	*	*	.84	1.15	.02		
BALTIMORE CITY M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CATOCTIN MOUNTAIN PARK	6.09	.12	.97	.09	.67	.25	.12	.17	1.75	.13	.15	.51	.85	.10		
CLARKSVILLE 3 NNE	4.67	.03	.58	.23	.41	.32	.38	.12	1.15	.05	.16	.25	.83	.04		
CONOWINGO DAM	5.80		.55	.68	.25	.03	1.13	.05	.40	.68	.34	.24	.84	.59		
DAMASCUS 2 SSW	4.71	.51	.30		.10	.60	.26	.15	1.30	.02	.13	.21	.91	T		
EMMITSBURG 2 SE	5.84	.40	.42	.20	.82	.90	.15	.10	1.10	.05	.10	.50	.80	.15		
FREDERICK POLICE BRKS	5.27		.74	.05	.06	.10	.64		2.00	.38		.25	1.00			
GERMANTOWN 2 W M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MILLERS 4 NE	4.92	.24	.87	.05	.18	.35	.26	.04	.84	.16	.33	.49	.99	.01		
POTOMAC FILTER PLANT	3.94	.50	.66	.17	.08	.66	.01	.28	.46	.04	.08	.09	.66			
ROCKVILLE 1 NE	4.31	.64	.72	.24	.05	.63	.01	.64	.19	.07	.10	.20	.56			
WESTMINSTER POL BRKS	6.09	.19		.50	1.21	.10	1.32	.22	.94			.49	.90	.07		
WOODSTOCK	6.38	.68	.36	.14	.41	.67	.41	.12	1.82	.02	.15	.23	1.00	.05		
APPALACHIAN MOUNTAIN 07																
CUMBERLAND 2	4.69	.85	.31	.03	.05	.72	1.05		.56	.17		.05	.46	.15		
CUMBERLAND POLICE BRK	4.61	.67	.36	.10	.05	.52	1.12	.04	.50	.10		.04	.75			
FROSTBURG 2	4.05	.17	.04	.03	.15	1.37	.32	.01	.71	.19	T	.06	.41	.16		
HAGERSTOWN POLICE BRK	2.30	T	.74	.05				T	.85	.37	.09	.05	.15			
ALLEGHENY PLATEAU 08																
OAKLAND 1 SE	5.46	.39	.22	.14	.42	1.10	.02		.85	.05	.03	.05	.42			
SAVAGE RIVER DAM	4.56	.15	.52	.07	.26	1.14	.37	T	.46	.13	T	.09	.11	.09		
DELAWARE																
NORTHERN 01																
NEWARK UNIVERSITY FARM	4.33	.13	.26	.07	.37	.06	T	.01	.75	.27	.19	.53	1.10			
WILMINGTON WSO ARPT R	4.13	.15	.09	.02	.02	.60	.04	.01	.91	.42	.32	.54	.64			
WILMINGTON PORTER RSVR	4.31	.21	.12	.11	.08	.03	.05		1.18	.61	.35	.63	.84			
SOUTHERN 02																
DOVER	4.63	T	.17		.10			.06	.88	.16	.29	.30	2.50	.11		
GREENWOOD 2 NE M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LEWES M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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									.01	.30	.01	.13				
ASSATEAGUE ISLAND						.28	*	*	*	1.06	.13	.03				
PRINCESS ANNE						.02	T		.14	*	.10	.06	T			
SALISBURY						.02		.01	.13	.01	.13					
SALISBURY FAA ARPT						.34	T		.31	.32	.12	.03				
SNOW HILL 4 N																
CENTRAL EASTERN SHORE 02										.13	T	T				
ROYAL OAK 2 SSW						.15				.15	.06	.04				
VIENNA																
LOWER SOUTHERN 03																
LA PLATA 1 W									.83							
MECHANICSVILLE 5 NE						.11	T		.80		.05	T				
UPPER SOUTHERN 04										.18	*	.04	.01			
ANNAPOLIS POLICE BRKS										.07	T	T		T		T
BALTIMORE WSO ARPT R											.16		.05			
BELTSVILLE										.18		.03	.04			
DALECARLIA RESERVOIR									.15					.89		.07
GLENN DALE BELL STN																
LAUREL 3 W										.16		.04	.03			
NATIONAL ARBORETUM DC										.19			.03			
UPPER MARLBORO 3 NNW																
NORTHERN EASTERN SHORE 05																
CHESTERTOWN		T								T	T					.21
NORTHERN CENTRAL 06																*
ABERDEEN PHILLIPS FIEL R	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	*
BALTIMORE CITY																-
CATOCTIN MOUNTAIN PARK																.21
CLARKSVILLE 3 NNE										.04						.08
CONOWINGO DAM										.02						
DAMASCUS 2 SSW		T							.05	.17						T
EMMITSBURG 2 SE										.10						.05
FREDERICK POLICE BRKS										.05						
GERMANTOWN 2 W	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MILLERS 4 NE									T	.04	.01					.06
POTOMAC FILTER PLANT										.20		.05				
ROCKVILLE 1 NE									.26	T	T					
WESTMINSTER POL BRKS										.05						.10
WOODSTOCK										.01						.31
APPALACHIAN MOUNTAIN 07																
CUMBERLAND 2		.18								.06						.05
CUMBERLAND POLICE BRK		.20								.12						.04
FROSTBURG 2		.30				T	T			.07	T					.06
HAGERSTOWN POLICE BRK										T						
ALLEGHENY PLATEAU 08																
OAKLAND 1 SE		.13			.20	.55			.05	.77		T				.07
SAVAGE RIVER DAM	.42				.02	T	.06			.67	T					
DELAWARE																
NORTHERN 01																
NEWARK UNIVERSITY FARM										.05	.40					.14
WILMINGTON WSO ARPT R										.33	T			.04		T
WILMINGTON PORTER RSVR														.10		
SOUTHERN 02																
DOVER											.06					
GREENWOOD 2 NE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LEWES	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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	59	69	74	68	64	67	63	65	62	59	54	51	55	58	67	
		MIN	55	54	52	57	55	53	53	56	56	50	49	48	47	42	39	
PRINCESS ANNE	17	MAX								78			66	55	62	75	82	
		MIN								52			50	49	42	41	39	
SALISBURY	17	MAX	71	74	77	78	72	75	73	67	64	63	56	54	60	72	84	
		OBS																
		MIN	59	56	54	59	58	55	55	58	57	55	51	49	47	41	43	
		OBS																
SALISBURY FAA ARPT	MID	MAX	58	70	74	69	68	73	69	63	61	59	52	50	57	69	82	
		MIN	55	43	48	54	55	52	50	55	55	50	48	46	41	39	38	
SNOW HILL 4 N	17	MAX	70	75	79	78	70	75	69	65	65	61	55	51	56	69	84	
		MIN	58	57	51	57	58	57	54	59	57	55	50	48	47	42	37	
CENTRAL EASTERN SHORE																		
ROYAL OAK 2 SSW	02	18	MAX	68	72	76	73	70	72	76	69	68	64	60	55	65	74	83
		MIN	62	57	54	61	60	58	58	62	58	60	54	51	50	42	48	
VIENNA	18	MAX	68	73	77	79	74	75	76	69	66	64	59	55	64	67	86	
		MIN	59	46	55	59	59	56	55	59	56	56	51	48	47	49	42	
		OBS	46															
LOWER SOUTHERN																		
LA PLATA 1 W	03	18	MAX	69	67	78	72	69	73	76	71	67	65	61	57	65	74	85
		MIN	58	56	51	56	60	58	56	61	58	58	55	53	50	45	49	
MECHANICSVILLE 5 NE	19	MAX	70	71	76	68	67	71	73	67	66	64	61	54	64	73	84	
		MIN	56	58	51	56	56	57	52	61	57	57	53	51	50	41	44	
UPPER SOUTHERN																		
ANNAPOLIS POLICE BRKS	04	17	MAX	77	79	79	77	76	70	70	72	68	64	69	62	69	72	80
		OBS																
		MIN	56	54	44	52	54	60	61	58	58	58	54	51	51	50	52	
		OBS	43															
BALTIMORE WSO ARPT	MID	MAX	66	70	77	70	68	70	71	67	69	64	59	57	68	78	87	
		MIN	57	55	52	56	57	53	52	60	58	56	54	53	47	43	47	
BELTSVILLE	08	MAX	75	66	68	76	71	68	73	72	68	69	65	60	55	70	79	
		MIN	50	58	52	53	56	53	53	58	57	58	55	52	50	46	48	
DALECARLIA RESERVOIR	17	MAX	70	70	78	74	73	76	75	70	69	66	61	57	72	80	88	
		MIN	51	58	53	62	59	54	54	56	57	51	54	43	50	46	48	
		OBS																
GLENN DALE BELL STN	16	MAX	68	68	74	68	68	72	72	71	68	62	60	55	68	78	87	
		MIN	54	57	51	56	55	54	52	59	56	57	53	50	49	43	45	
LAUREL 3 W	MID	MAX	66	70	77	71	67	74	72	67	70	65	59	55	72	81	89	
		MIN	57	54	51	57	57	53	54	58	55	56	52	51	51	46	53	
NATIONAL ARBORETUM DC	07	MAX	76	68	69	80	72	70	76	75	72	71	68	59	62	72	82	
		OBS																
		MIN	58	58	53	56	56	54	55	58	60	58	54	52	50	46	49	
		OBS																
UPPER MARLBORO 3 NNW	08	MAX	74	64	69	76	70	67	72	72	69	68	63	57	54	67	76	
		MIN	58	58	51	53	56	58	54	59	57	57	53	51	50	44	45	
NORTHERN EASTERN SHORE																		
CHESTERTOWN	05	23	MAX	66	73	77	73	72	73	75	67	67	62	57	54	69	78	88
		MIN	55	54	52	56	55	54	51	55	54	53	50	49	46	39	45	
NORTHERN CENTRAL																		
ABERDEEN PHILLIPS FIEL	06	16	MAX	72	70		71	71	69	72	72			55	67	76	86	
		MIN	59	56	54	59	59	57	55	60			57	58	54	52	51	
		OBS									***	***						
BALTIMORE CITY	MID	MAX	72	78	84	76	72	77	76	68	71	65	59	57	71	78	96	
		MIN	65	63	62	65	63	63	59	61	61	58	56	54	54	53	69	
		OBS																
CATOCTIN MOUNTAIN PARK	17	MAX	63	63	72	70	64	68	67	60	65	65	57	54	68	77	84	
		MIN	52	54	50	54	54	49	51	55	52	53	49	48	45	46	59	
CLARKSVILLE 3 NNE	17	MAX	72	71	78	73	70	74	70	65	70	68	59	56	70	79	86	
		MIN	49	54	49	55	55	47	46	56	55	54	50	48	47	42	43	
CONOWINGO DAM	MID	MAX	74	74	70	75	69	70	74	74	66	62	58	56	73	80	86	
		MIN	60	58	56	56	59	58	56	58	58	57	55	52	51	50	50	
		OBS	38	38														
DAMASCUS 2 SSW	22	MAX	65	68	73	68	64	71	70	64	67	62	57	53	69	77	84	
		MIN	56	54	51	56	56	49	53	58	54	54	51	49	47	44	50	
EMMITSBURG 2 SE	17	MAX	69	67	72	72	67	68	71	64	69	67	60	56	68	75	83	
		MIN	52	58	51	57	58	51	48	59	56	56	53	51	50	40	46	
FREDERICK POLICE BRKS	17	MAX	73	67	74	74	69	72	72	63	69	64	62	57	69	79	86	
		MIN	56	58	53	57	58	51	52	58	56	56	53	52	51	46	51	
GERMANTOWN 2 W	07	MAX																
		MIN																
MILLERS 4 NE	18	MAX	67	67	72	71	68	69	71	63	66	61	59	55	67	77	83	
		MIN	54	55	50	56	57	51	50	56	54	55	52	49	48	41	49	
ROCKVILLE 1 NE	MID	MAX	65	66	73	72	64	73	72	67	67	63	58	54	71	78	84	

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	81	85	80	91	88	86	72	64	75	83	83	66	72	75	88	75	70.9
	52	52	56	67	69	64	57	53	59	59	61	58	59	58	64	64	55.4
PRINCESS ANNE			84	91	91	87	83				84	80	81	82			M
			53	60	61	64	49				46	61	56	59			M
SALISBURY	91	87	87	92	90	86	80	72	75	83	83	79	80	83	93	90	77.1

	36	61	56	62	66	67	52	53	51	59	65	63	59	61	67	69	56.3

SALISBURY FAA ARPT	88	80	82	87	87	82	69	65	72	79	77	66	81	82	92	86	72.5
	51	54	52	60	61	61	48	48	44	55	57	57	52	55	63	66	52.0
SNOW HILL 4 N	91	85	87	93	90	87	78	73	75	84	83	78	78	82	94	89	76.4
	53	60	54	60	63	65	49	50	48	57	65	60	57	60	65	67	55.5
CENTRAL EASTERN SHORE 02																	
ROYAL OAK 2 SSW	91	86	84	91	90	86	82	71	73	84	82	77	78	84	91	88	76.9
	58	65	58	62	65	68	52	55	53	61	66	61	62	65	69	73	59.0
VIENNA	91	90	87	93	91	89	82	71	76	87	85	80	80	82	94	93	78.2
	44	64	56	64	68	68	51	53	51	62	64	62	61	64	69	71	57.1
LOWER SOUTHERN 03																	
LA PLATA 1 W	90	88	85	92	87	82	83	68	69	84	82	70	78	85	89	88	76.4
	58	64	58	58	64	60	56	56	51	60	65	63	64	65	68	68	58.1
MECHANICSVILLE 5 NE	89	84	85	91	86	80	74	70	69	83	77	72	78	84	89	88	75.1
	56	63	57	61	65	65	50	52	50	59	64	61	63	62	66	68	56.8
UPPER SOUTHERN 04																	
ANNAPOLIS POLICE BRKS	90	87	89	92	92	89	86	85	84	88	84	84	86	84	89	90	80.1

	55	75	63	66	67	68	56	57	52	56	65	62	60	64	57	70	58.3

BALTIMORE WSO ARPT	92	86	86	91	90	86	73	74	77	86	82	74	84	89	92	91	77.2
	58	61	53	62	65	63	48	52	48	57	59	57	54	59	64	66	55.7
BELTSVILLE	88	92	88	86	90	88	84	72	72	73	85	85	73	84	87	92	76.6
	57	68	58	64	66	64	52	52	47	60	61	58	53	59	63	66	56.4
DALECARLIA RESERVOIR	92	90	87	92	91	89	81	73	75	87	86	78	85	90	90	90	79.2
	57	65	55	59	65	65	53	50	60	63	61	58	62	65	70		56.7
GLENN DALE BELL STN	92	92	93	92	89	86	82	70	72	85	84	76	84	87	90	89	77.5
	55	65	60	57	62	63	48	50	47	58	62	56	52	58	65	65	55.3
LAUREL 3 W	93	89	88	91	89	85	74	74	75	85	78	74	85	92	94	90	77.8
	65	69	62	65	68	67	53	54	54	59	65	64	57	63	67	68	58.2
NATIONAL ARBORETUM DC	88	93	91	90	94	90	88	79	75	76	89	82	75	87	92	95	79.2
	***	***															
	52	66	57	61	70	69	57	56	50	59	57	61	56	58	68	69	57.5

UPPER MARLBORO 3 NNW	86	91	86	86	91	89	84	73	71	73	86	78	71	82	88	92	75.6
	50	60	58	61	66	65	54	54	48	52	61	59	56	57	64	68	56.0
NORTHERN EASTERN SHORE 05																	
CHESTERTOWN	92	84	89	92	91	86	73	75	78	86	82	76	85	89	91	90	77.7
	56	61	53	59	64	66	52	47	47	60	60	59	54	62	63	69	54.8
NORTHERN CENTRAL 06																	
ABERDEEN PHILLIPS FIEL	90		87	91	91	89	82				78	78	82	85			M
	57	64	53	60	66	64	53	49	47	60	64	60	53	66	64	65	57.0
		***						***	***	***					***	***	
BALTIMORE CITY	92	86	88	97	95	89	77	80	81	92	85	81	89				79.7
	69	70	68	72	74	67	61	59	61	66	73	54	54	70	76		63.3
CATOCTIN MOUNTAIN PARK	88	85	84	86	87	81	71	70	69	78	75	72	81	85	84	85	73.5
	65	65	59	64	62	68	47	48	51	56	58	57	57	62	61	68	55.5
CLARKSVILLE 3 NNE	91	87	86	91	89	87	81	73	75	84	78	76	84	89	91	90	77.8
	51	63	49	54	57	59	44	48	42	57	56	53	50	53	59	61	51.8
CONOWINGO DAM	88	87	88	92	92	83	83	80	80	81	81	83	84	87	90	91	78.4
	68	63	60	61	70	66	59	55	55	63	63	60	58	66	68	68	59.3
DAMASCUS 2 SSW	88	84	84	88	86	80	71	70	70	81	75	73	81	85	86	87	74.2
	50	64	56	58	65	65	50	51	50	56	61	57	55	62	62	65	55.1
EMMITSBURG 2 SE	87	86	84	87	87	88	86	71	73	82	80	76	81	87	87	87	76.0
	53	65	51	61	55	64	46	49	44	58	60	57	55	57	61	64	54.4
FREDERICK POLICE BRKS	89	89	87	91	91	89	81	74	72	83	82	75	83	88	89	88	77.5
	59	69	60	69	70	70	54	54	51	59	65	61	59	64	69	68	58.4
GERMANTOWN 2 W																	M
																	M
MILLERS 4 NE	89	88	85	87	87	85	74	70	75	80	77	78	81	86	86	87	75.2
	61	66	56	67	65	66	48	46	48	58	60	58	55	60	62	66	55.5
ROCKVILLE 1 NE	91	85	84	90	87	81	72	72	73	83	76	73	85	88	88	88	75.6

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
WESTMINSTER POL BRKS	17	MIN	57	54	52	59	53	52	53	58	57	57	52	50	50	45	50
		MAX	65	65	64	74	69	72	72	63	70	64	61	62	69	76	86
		OBS															
WOODSTOCK	18	MIN	52	51	53	49	58	47	46	58	52	56	50	47	46	42	51
		OBS									40						
		MAX	70	70	78	73	68	73	71	63	70	65	60	56	73	81	88
APPALACHIAN MOUNTAIN CUMBERLAND 2 07	17	MIN	55	57	52	57	58	51	50	58	56	56	53	50	49	45	47
		MAX	64	65	74	76	74	74	74	65	71	68	64	59	77	83	89
		MIN	52	55	53	51	53	52	53	56	53	55	53	51	49	50	53
CUMBERLAND POLICE BRK	17	MAX	63	64	73	71	69	70	71	64	69	67	62	58	73	78	86
		MIN	51	54	53	50	57	52	51	58	55	52	54	52	48	47	47
		OBS															
FROSTBURG 2	07	MAX	63	59	59	69	69	65	67	69	62	64	64	54	53	71	77
		MIN	47	48	48	47	48	49	49	49	52	49	52	48	44	45	48
		MAX	73	70	73	74	69	70	73	65	70	68	64	57	73	78	86
HAGERSTOWN POLICE BRK	17	MIN	55	57	51	55	58	50	53	57	56	57	54	52	50	46	58
		MAX	61	56	66	65	59	68	67	63	63	64	60	57	70	77	82
		MIN	45	48	48	43	46	44	47	55	52	48	52	50	46	46	43
SAVAGE RIVER DAM	08	MAX	63	59	59	69	69	67	67	64	66	65	58	58	69	76	76
		MIN	49	50	50	49	49	49	50	51	54	53	54	52	46	46	46
		OBS															
DELAWARE NORTHERN NEWARK UNIVERSITY FARM 01	17	MAX	75	71	74	71	70	68	75	74	65	63	60	56	69	79	88
		MIN	57	56	52	57	55	57	52	56	55	57	54	49	49	39	42
		OBS															
WILMINGTON WSO ARPT	MID	MAX	66	68	72	69	71	65	71	61	63	60	55	56	66	77	87
		MIN	58	57	53	59	55	55	53	57	56	54	51	51	48	40	48
		OBS															
WILMINGTON PORTER RSVR	MID	MAX	67	69	72	69	71	64	73	61	63	60	55	57	65	76	85
		MIN	58	57	56	59	58	57	57	56	56	54	51	51	49	40	51
		OBS															
SOUTHERN DOVER 02	17	MAX	74	71	74	73	64	64	68	65	64	61	58	52	62	68	82
		MIN	57	54	54	56	56	56	53	56	56	55	51	49	48	41	44
		OBS															
GREENWOOD 2 NE	18	MAX															
		MIN															
		OBS															
LEWES	17	MAX															
		MIN															
		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	
WESTMINSTER POL BRKS	58	68	63	66	70	63	54	53	53	58	64	61	55	64	67	70	57.6
	89	90	85	88	90	88	81	71	75	81	80	77	84	89	90	88	76.7

WOODSTOCK	50	64	60	65	67	67	49	47	51	57	60	59	53	59	61	64	54.5

APPALACHIAN MOUNTAIN 07 CUMBERLAND 2	93	92	88	92	91	86	82	75	75	84	79	76	86	89	90	90	78.3
	56	66	53	60	64	63	47	49	49	57	60	56	54	58	63	65	55.3
CUMBERLAND POLICE BRK	91	86	87	89	89	85	74	75	72	81	77	79	85	91	89	91	78.0
	56	52	55	59	66	62	51	48	51	59	57	55	55	60	62	61	54.8
							49										
FROSTBURG 2	88	87	85	86	86	86	74	72	73	80	80	76	82	89	90	89	76.2
	54	62	48	48	63	67	52	54	45	57	59	55	54	56	62	60	54.1
HAGERSTOWN POLICE BRK	84	85	77	80	82	81	72	67	70	65	75	72	75	78	85	80	70.7
	52	57	49	51	51	62	43	47	47	51	55	52	54	56	59	59	50.6
ALLEGHENY PLATEAU 08 OAKLAND 1 SE	88	86	87	90	90	90	79	74	70	83	80	76	83	88	89	89	77.6
	56	66	52	57	64	65	52	53	48	58	62	57	56	60	63	65	56.2
SAVAGE RIVER DAM	83	81	79	81	80	77	68	68	69	73	68	73	77	81	81	80	70.9
	49	55	40	48	51	59	38	49	43	56	56	53	54	50	58	54	49.2
DELAWARE NORTHERN 01 NEWARK UNIVERSITY FARM	85	86	79	82	82	81	73	69	68	69	75	71	72	79	82	83	71.4
	49	55	47	49	55	63	43	49	45	44	57	55	55	54	57	59	51.1
WILMINGTON WSO ARPT	91	80	86	91	90	90	82	80	80	80	80	80	85	87	89	91	78.1
	59	57	55	62	61	65	58	45	43	60	60	59	56	60	64	62	55.3
WILMINGTON PORTER RSVR	87	78	85	91	89	84	69	72	76	79	77	78	81	84	87	90	74.6
	58	59	53	63	64	59	50	44	47	62	63	61	58	62	66	69	55.9
SOUTHERN 02 DOVER	90	77	85	90	89	83	69	73	77	79	78	80	84	87	88	90	75.0
	59	60	57	66	67	61	50	47	53	63	63	64	59	62	66	69	57.3
GREENWOOD 2 NE	88	87	80	88	88	87	80	71	70	80	80	76	78	86	87	89	74.7
	60	60	56	64	64	66	51	49	50	61	54	61	59	64	63	71	56.1
																	M
LEWES																	M
																	M
																	M

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	34	*	74	32	49	25	18	39	*	*	216	43	37	39	20
	EVAP	-	-	-	16	9	28	12	11	*	*	8	2	2	17	19
	MAX	78	-	75	80	72	68	77	76	-	-	69	59	55	78	84
	MIN	54	-	54	55	58	55	59	59	-	-	54	52	50	50	56
UPPER MARLBORO 3 NNW	WIND	10	13	11	16	22	8	4	37	43	44	40	21	25	12	5
	EVAP	10	-	0	15	11	8	12	14	7	7	20	1	1	17	20
	MAX	79	65	78	86	75	70	84	79	76	68	68	61	58	81	87
	MIN	55	59	56	56	59	59	61	61	59	58	56	53	51	52	55

Evaporation: Is measured in hundreths of inches

Wind: Is measured in miles

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

EVAPORATION AND WIND

STATION	DAY OF MONTH																TOTAL OR AVERAGE
	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
MARYLAND																	
UPPER SOUTHERN 04																	
BELTSVILLE	25	28	56	54	65	56	81	65	*	*	122	49	19	33	41	-	1364B
	25	21	28	28	33	27	32	24	*	*	43	21	7	21	22	-	5.23B
	89	90	88	87	87	89	85	78	-	-	84	82	73	87	89	-	79.2
	56	62	60	60	63	65	51	52	-	-	51	59	57	57	64	-	56.5
UPPER MARLBORO 3 NNW	5	2	6	9	12	20	31	18	24	24	34	27	7	11	33	44	618
	19	23	22	28	29	25	23	20	17	29	2	21	7	19	24	27	4.94B
	93	97	95	94	94	94	86	85	78	77	89	88	75	93	96	101	82.3
	58	65	65	65	65	67	54	54	54	54	60	62	-	-	-	68	58.6

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

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 UPPER SOUTHERN 04 BALTIMORE WSO ARPT R	SNOWFALL SN ON GND WTR EQUIV															

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)

STATION	DAY OF MONTH															
	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
MARYLAND MARYLAND UPPER SOUTHERN 04 BALTIMORE WSO ARPT R																T

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	38 59	76 30W	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 11	76 40W	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
BENSON POLICE BARRACKS	0732	06	HARFORD	39 30	76 23W	365	17	17		H	INACTIVE 03/01/95
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
COLLEGE PARK	1995	04	PRINCE GEORG	38 59	76 57W	90	09	09		C H	INACTIVE 04/01/96
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 SW	2335	06	MONTGOMERY	39 16	77 14W	722	19	19		H	INACTIVE 01/01/92
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
GERMANTOWN 2 W	3588	06	MONTGOMERY	39 10	77 18W	400	07	07		H	JEFFREY TAYLOR
GLENN DALE BELL STN	3675	04	PRINCE GEORG	38 58	76 48W	150	16	16		H	USDA PLANT INTRODUCT STN
HAGERSTOWN	3975	07	WASHINGTON	39 39	77 44W	660	08	08		H	INACTIVE 11/01/93
HAGERSTOWN POLICE BRK	3980	07	WASHINGTON	39 37	77 44W	560	17	17		H	MARYLAND STATE POLICE
HANCOCK	4030	07	WASHINGTON	39 42	78 11W	384	08	08		H	INACTIVE 03/31/98
INDIANHEAD	4609	03	CHARLES	38 36	77 9W	35	06	06		H	INACTIVE 03/31/98
LA PLATA 1 W	5080	03	CHARLES	38 32	77 0W	140	18	18		H	BONNIE L RAFER
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	INACTIVE 08/21/97
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
OWINGS FERRY LANDING	6770	03	CALVERT	38 41	76 40W	160	17	17		H	INACTIVE 02/28/98
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
SNOW HILL 4 N	8380	01	WORCESTER	38 14	75 23W	30	17	17		H	CURTIS E SHOCKLEY
TOWSON	8877	06	BALTIMORE	39 23	76 34W	390	18	18		H	INACTIVE 08/01/96
UNIONVILLE	9030	06	FREDERICK	39 27	77 11W	430	17	17		C H	INACTIVE 12/01/96
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
GEORGETOWN 5 SW	3570	02	SUSSEX	38 38	75 27W	45	08	08	08	C H	INACTIVE 06/01/97
GREENWOOD 2 NE	3595	02	SUSSEX	38 50	75 35W	45	18	18		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	PUBLIC WORKS

REFERENCE NOTES

DEFINITIONS

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

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

NORMALS: The average value of the meteorological element over a time period. Effective 1 January 1993, the averaging period is 1961 to 1990. The normals for National Weather Service localities have been adjusted so as to be representative for the current observation site.

MONTHLY DEGREE DAY TOTALS: One heating (cooling) degree day is accumulated for each whole degree that the daily mean temperature is below (above) 65 degrees Fahrenheit.

PRECIPITATION: Values shown in hundredths of inches are water equivalent totals, i.e., total of liquid and melted frozen precipitation. In the "Monthly Summarized Data" table the total snow and sleet values shown in tenths of inches are unmelted amounts. The max depth on ground values of snow and sleet shown in whole inches are cumulative unmelted amounts. The number of days with .10, .50, 1.00 or more refers to water equivalents.

PRECIPITATION QUALITY CONTROL: The NCDC quality control process may delete precipitation data that are spatially inconsistent; exceed climatological limits, or are inconsistent with prevailing weather patterns.

TEMPERATURE: Original and edited temperature values are given in the "Daily Temperature" table. Edited values are produced when an original value is missing or when surrounding stations indicated a suspect original value. When a line labeled OBS is present and contains either a daily temperature (suspect) or *** (missing), the temperature appearing directly above, on the line labeled MAX or MIN, is an edited value. Summary temperature information (averages, departures, extremes, monthly degree day totals) is based on the values labeled MAX/MIN.

WIND: (As shown in the "Evaporation and Wind" table) the total wind movement in miles over the evaporation pan as determined by an anemometer recorder located 6-8 inches above the pan.

SYMBOLS AND LETTERS USED IN THE STATION INDEX TABLE

Thermometers located in a rooftop shelter.
// Rain gage equipped with a windshield
AR Observation made "after rain" has occurred.
C Station is equipped with recording rain gage (R) but values in this bulletin are from a non-recording rain gage unless indicated by an R.
G Observations appear in the "Soil Temperatures" table.
H Observations appear in the "Snowfall and Snow on the Ground" table.
J Station also published as a Local Climatological Data publication.
MID Observation time is midnight.
MO Rain gage read once monthly, usually the last day.
OC Rain gage readings vary from a few weeks to several months.
R Amounts from recording rain gage.
SR Observation time near sunrise.

VAR Observation time varies.
WI Rain gage read weekly or irregularly.
WM Rain gage read weekly and last day of the month.

SYMBOLS AND LETTERS USED IN THE DATA TABLES

(DAILY DATA ARE FOR THE 24 HOURS IMMEDIATELY PRECEDING OBSERVATION TIME.)

BLANK Entries in the "Monthly Summarized Data" table indicate no record.
BLANK Entries in the "Daily Precipitation" and "Snowfall and Snow on the Ground" tables indicate zero.

BLANK Entries in the "Daily Temperature" table indicate a missing record where an edited value could not be determined. (See *** below)

- No record. Data not recorded, determined unreliable by quality control check, or not received in time for publication.

+ Precipitation or temperature extremes occurred on one or more previous dates during the month.

*** Missing original temperature which has been estimated during edit.

* Rain gage not read. Precipitation is included in the amount following the asterisks. Time distribution not known. A * preceding the monthly total indicates precipitation amount is being carried forward to next months total, and may include amounts from the previous month(s).

// Rain gage equipped with a windshield.

A Amount of precipitation is the total of observer's entries for the current month. It may include precipitation that occurred during the previous month. Refer to earlier bulletin to determine date of last reading. (Hawaii stations)

B Adjusted monthly value (estimated), (1-7 missing values for wind and evaporation).

M Insufficient or partial data. M is appended to average and/or total values computed with 1-9 daily values missing. M appears alone if 10 or more daily values are missing, (8 or more for wind and evaporation).

R Amounts from recording rain gage.

T Trace. An amount too small to measure.

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

SEASONAL TABLES: Monthly and seasonal snowfall and heating degree days for the 12 months ending with the June data are published in the July issue of this bulletin. Cooling degree days for the calendar year are published in the "Climatological Data Annual Summary."

Information concerning the history of changes in locations, exposure, etc. of substations is kept on file at the National Climatic Data Center. Historical information of regular National Weather Service Offices may be obtained from the "Local Climatological Data" annual publication. The contents of this publication may be reprinted or otherwise used freely, with proper credit to the National Climatic Data Center. The data are also available in digital form on magnetic tape and diskette.

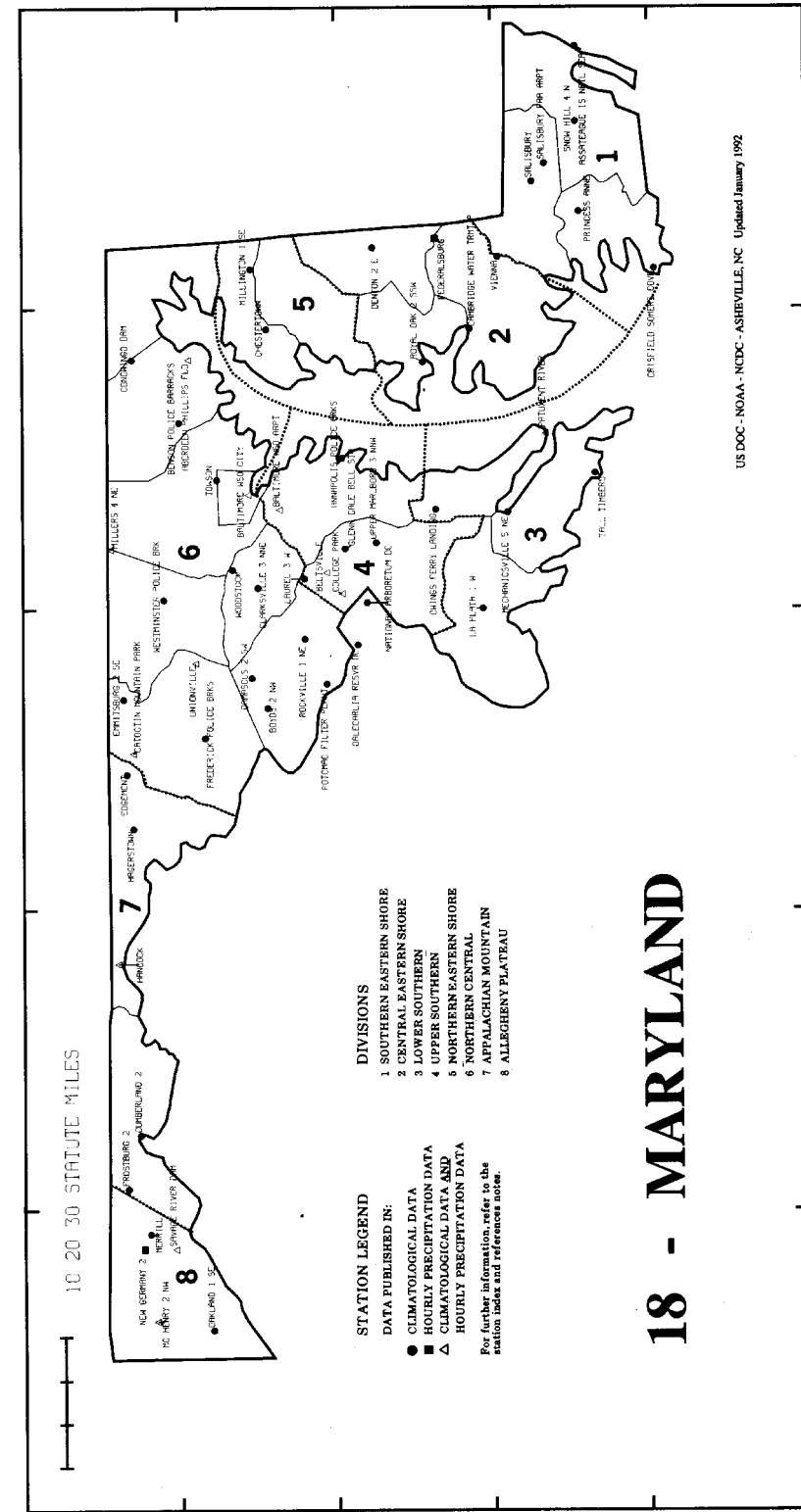
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DIVISIONS

- 1 SOUTHERN EASTERN SHORE
- 2 CENTRAL EASTERN SHORE
- 3 LOWER SOUTHERN
- 4 UPPER SOUTHERN
- 5 NORTHERN EASTERN SHORE
- 6 NORTHERN CENTRAL
- 7 APPALACHIAN MOUNTAIN
- 8 ALLEGHENY PLATEAU

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 note.

18 - MARYLAND

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

WILMINGTON PORTER RSVR

HEMLOCK UNIVERSITY FARM

WILMINGTON HSD BRCT

DOWR

2

MILFORD 4 SE

GREENWOOD 2 NE

LEWES

GEORGETOWN 5 SH

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39.0

39.0

38.0
-76.0

-75.5

-75.0

38.0

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