

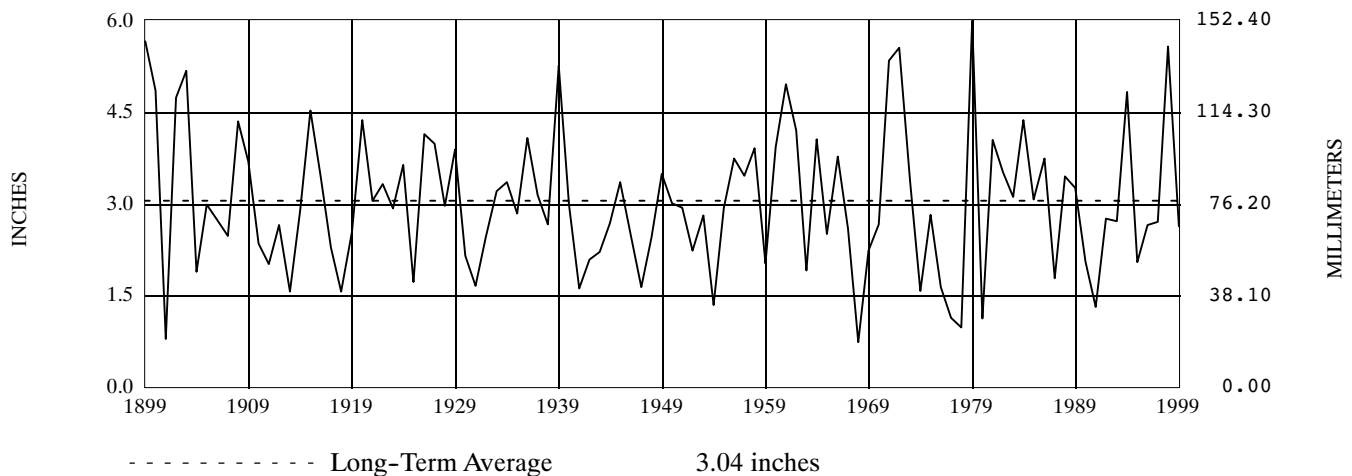
CLIMATOLOGICAL DATA

MARYLAND AND DELAWARE

FEBRUARY 1999

VOLUME 103 NUMBER 02

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MARYLAND AND DELAWARE PRECIPITATION FEBRUARY, 1899-1999

TEMPERATURE AND PRECIPITATION EXTREMES

MARYLAND

HIGHEST TEMPERATURE	77	FEBRUARY 13	NATIONAL ARBORETUM DC
LOWEST TEMPERATURE	7	FEBRUARY 23	2 STATIONS
GREATEST TOTAL PRECIPITATION	3.92		FREDERICK POLICE BRKS
LEAST TOTAL PRECIPITATION	1.31		CUMBERLAND 2
GREATEST 1 DAY PRECIPITATION	1.37	FEBRUARY 8	FREDERICK POLICE BRKS
GREATEST TOTAL SNOWFALL	13.4		OAKLAND 1 SE
GREATEST DEPTH OF SNOW OR ICE	3	FEBRUARY 26	FROSTBURG 2

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TEMPERATURE AND PRECIPITATION EXTREMES

DELAWARE

HIGHEST TEMPERATURE	72	FEBRUARY 12	NEWARK UNIVERSITY FARM
LOWEST TEMPERATURE	13	FEBRUARY 23	2 STATIONS
GREATEST TOTAL PRECIPITATION	4.14M		WILMINGTON PORTER RSVR
LEAST TOTAL PRECIPITATION	2.24		GREENWOOD 2 NE
GREATEST 1 DAY PRECIPITATION	.93	FEBRUARY 18	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	48.3	32.7M	40.5M		62	17+	23	23+	681	0	0	0	16	0
PRINCESS ANNE	M	M	M		70	12	19	23+			0	0	13	0
SALISBURY	51.5	31.7	41.6	3.5	70	12	17	23	648	0	0	0	17	0
SALISBURY FAA ARPT	50.0	30.3	40.2	3.6	70	12	17	23	690	0	0	1	19	0
SNOW HILL 4 N	51.2	30.0	40.6	3.3	70	12	13	23	676	0	0	0	19	0
--DIVISIONAL DATA----->														
CENTRAL EASTERN SHORE 02														
ROYAL OAK 2 SSW	48.8	31.5	40.2	3.7	68	12	18	23	689	0	0	1	16	0
VIENNA	49.6	30.0M	39.8M	2.4	67	12	18	23	696	0	0	1	18	0
--DIVISIONAL DATA----->														
LOWER SOUTHERN 03														
MECHANICSVILLE 5 NE	49.5	29.3	39.4	3.1	73	12	15	23	712	0	0	2	18	0
--DIVISIONAL DATA----->														
UPPER SOUTHERN 04														
ANNAPOLIS POLICE BRKS	49.0	31.6M	40.3M	4.2	64	12	20	24+	702	0	0	0	15	0
BALTIMORE WSO ARPT	R	47.3	27.9	37.6	2.8	73	12	16	1	762	0	0	2	22
BELTSVILLE	47.5	27.7	37.6	4.3	73	13	16	23	759	0	0	2	22	0
DALECARLIA RESERVOIR	50.8	32.4	41.6	5.5	75	12	19	24+	652	0	0	1	13	0
GLENN DALE BELL STN	48.9	26.9	37.9	2.4	74	12	11	23	752	0	0	2	19	0
LAUREL 3 W	48.7	31.0	39.9	5.2	73	12	17	23	698	0	0	1	14	0
NATIONAL ARBORETUM DC	49.6	27.1	38.4	3.2	77	13	17	23	739	0	0	1	21	0
UPPER MARLBORO 3 NNW	48.5	25.9	37.2	3.3	73	13	15	23	771	0	0	1	25	0
--DIVISIONAL DATA----->														
NORTHERN EASTERN SHORE 05														
CHESTERTOWN	48.0	28.0	38.0	3.3	71	12	15	23	751	0	0	2	22	0
MILLINGTON 1 SE	48.4	27.5M	38.0M	4.1	68	12	15	23	766	0	0	1	19	0
--DIVISIONAL DATA----->														
NORTHERN CENTRAL 06														
ABERDEEN PHILLIPS FIEL	R	49.4M	32.0M	40.7M	5.6	69	12	15	23	676	0	0	2	9
BALTIMORE CITY	M	M	M											
CATOCTIN MOUNTAIN PARK	44.3	26.9	35.6		68	12	8	23	815	0	0	4	18	0
CLARKSVILLE 3 NNE	45.9	25.1	35.5		70	12	12	23	818	0	0	2	25	0
CONOWINGO DAM	M	M	M		60	10	16	7+			0	0	12	0
DAMASCUS 2 SSW	45.3	28.2	36.8		71	12	12	23	783	0	0	4	19	0
EMMITSBURG 2 SE	47.9	25.5	36.7	4.7	72	12	10	23	783	0	0	2	21	0
FREDERICK POLICE BRKS	48.2	29.9	39.1		71	12	15	23	721	0	0	1	16	0
MILLERS 4 NE	45.8	26.7	36.3		71	12	10	23	798	0	0	2	21	0
ROCKVILLE 1 NE	46.8	29.3	38.1	5.0	72	12	16	1	748	0	0	3	18	0
WESTMINSTER POL BRKS	48.6	27.8	38.2	5.9	70	12	10	24	745	0	0	1	19	0
WOODSTOCK	49.0	26.6	37.8	4.2	73	12	12	23	755	0	0	2	21	0
--DIVISIONAL DATA----->														
APPALACHIAN MOUNTAIN 07														
CUMBERLAND 2	47.1	25.7	36.4	3.0	67	16	14	22+	796	0	0	2	23	0
CUMBERLAND POLICE BRK	43.8	25.9	34.9		62	16	12	23	837	0	0	4	24	0
FROSTBURG 2	39.5	22.4	31.0		59	17+	7	23+	948	0	0	9	26	0
HAGERSTOWN POLICE BRK	49.8	26.7	38.3		72	12	14	23	742	0	0	1	20	0
SHARPSBURG 5 S	47.5	23.4	35.5		74	13	10	23	819	0	0	1	24	0
--DIVISIONAL DATA----->														
ALLEGHENY PLATEAU 08														
OAKLAND 1 SE	42.1	22.8	32.5	4.7	69	11	7	23+	903	0	0	7	26	0
SAVAGE RIVER DAM	39.9	22.6	31.3	3.5	57	17	11	24+	940	0	0	9	27	0
--DIVISIONAL DATA----->														
DELAWARE														
NORTHERN 01														
NEWARK UNIVERSITY FARM	48.4	27.9	38.2	4.1	72	12	13	23	745	0	0	2	21	0
WILMINGTON WSO ARPT	R	45.9	27.8	36.9	3.5	71	12	14	23	782	0	0	2	20
WILMINGTON PORTER RSVR	44.1	28.8	36.5	3.8	68	12	13	23	792	0	0	2	20	0
--DIVISIONAL DATA----->														
SOUTHERN 02														
DOVER	48.7	30.8	39.8	3.4	66	13+	15	23	698	0	0	1	16	0
GREENWOOD 2 NE	47.4	26.9	37.2		69	13	15	23	775	0	0	3	24	0
LEWES	49.6	33.7	41.7	5.1	71	12	22	23+	645	0	0	1	14	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	2.85		.72	18	.0	0		8	2	0
PRINCESS ANNE	2.86	-.39			.0	0		3	0	0
SALISBURY	3.11	-.36	.75	18	M .0	0		7	3	0
SALISBURY FAA ARPT	3.38	-.08	.74	28	2.0	2	25	8	4	0
SNOW HILL 4 N	2.30	-1.31	.61	18	2.1	0		7	1	0
--DIVISIONAL DATA----->	2.90	-.53			1.0					
CENTRAL EASTERN SHORE 02										
ROYAL OAK 2 SSW	2.86	-.44	.83	18	.2	T		7	2	0
VIENNA	2.30	-1.18	.72	18	.0	0		5	3	0
--DIVISIONAL DATA----->	2.58	-.68			.1					
LOWER SOUTHERN 03										
MECHANICSVILLE 5 NE	2.20	-1.18	.94	18	T	T		4	1	0
--DIVISIONAL DATA----->	2.20	-.84			.0					
UPPER SOUTHERN 04										
ANNAPOLIS POLICE BRKS	2.37	-.81	.92	18	.0	0		4	2	0
BALTIMORE WSO ARPT R	2.65	-.47	.71	18	.6	1	24	5	3	0
BELTSVILLE	2.08	-.55	.68	18	.3	T		6	2	0
DALECARLIA RESERVOIR	2.85	-.14	.70	18	.0	0		6	3	0
GLENN DALE BELL STN	2.49	-.31			M .0	0		4	2	0
LAUREL 3 W M	2.96		.77	18	M .0	0		6	3	0
NATIONAL ARBORETUM DC	1.93	-1.08	.64	18	.4	T		4	2	0
UPPER MARLBORO 3 NNW	2.02	-.72	.68	18	.4	0		5	1	0
--DIVISIONAL DATA----->	2.34	-.60			.3					
NORTHERN EASTERN SHORE 05										
CHESTERTOWN	3.46	.40	1.10	18	T	T		4	4	1
MILLINGTON 1 SE	2.87	-.10	1.16	18	M .0	0		4	2	1
--DIVISIONAL DATA----->	3.17	.13			.0					
NORTHERN CENTRAL 06										
ABERDEEN PHILLIPS FIEL R	2.60	-.10	.97	2	.0	M		3	2	0
BALTIMORE CITY					M	M				
CATOCTIN MOUNTAIN PARK	3.47		1.32	28	.9	0		7	2	1
CLARKSVILLE 3 NNE	2.84		.75	11	T	T		5	3	0
CONOWINGO DAM	3.19	.24			.0	0		5	1	0
DAMASCUS 2 SSW	2.90		.83	18	M 1.3	1	25	6	3	0
EMMITSBURG 2 SE	2.76	-.31	.62	2	2.5	1	7	8	1	0
FREDERICK POLICE BRKS	3.92		1.37	8	.0	0		7	4	1
MILLERS 4 NE	2.97		.95	2	1.1	1	7	7	3	0
ROCKVILLE 1 NE	2.65	-.18	.68	18	1.3	1	25	6	2	0
WESTMINSTER POL BRKS	2.43	-.16	.78	2	.5	1	24	6	2	0
WOODSTOCK	3.11	.10	.97	18	T	T		5	3	0
--DIVISIONAL DATA----->	2.99	.02			.6					
APPALACHIAN MOUNTAIN 07										
CUMBERLAND 2	1.31	-.98	.57	8	M 1.0	1	26	3	1	0
CUMBERLAND POLICE BRK	1.39		.44	28	M .0	0		4	0	0
FROSTBURG 2	1.88		.70	8	5.8	3	26	4	1	0
HAGERSTOWN POLICE BRK	1.42		.63	9	.0	0		3	2	0
SHARPSBURG 5 S	1.49		.57	18	M .6	T		4	1	0
--DIVISIONAL DATA----->	1.50	-1.05			2.9					
ALLEGHENY PLATEAU 08										
OAKLAND 1 SE	2.71	-.24	.50	28	13.4	T		9	1	0
SAVAGE RIVER DAM	1.88	-.36	.72	8	M .0	2	26	4	1	0
--DIVISIONAL DATA----->	2.30	-.65			13.4					
DELAWARE										
NORTHERN 01										
NEWARK UNIVERSITY FARM	3.62	.89	.86	2	.0	0		6	4	0
WILMINGTON WSO ARPT R	3.51	.60	.87	18	M	M		6	4	0
WILMINGTON PORTER RSVR	M 4.14		.92	2	M .0	T		7	4	0
--DIVISIONAL DATA----->	3.57	.72			.0					
SOUTHERN 02										
DOVER	2.31	-.62	.93	18	.0	0		6	1	0
GREENWOOD 2 NE	2.24		.60	18	T	T		7	2	0
LEWES	2.50	-.80	.79	18	.0	0		6	2	0

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----->			39.6	3.7														

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----->	2.35	-.83			.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	2.85		.59		.13			.21					.38			
PRINCESS ANNE	2.86	*	.49		.15	.03	*	*	.40					*	*	.26
SALISBURY	3.11		.68	T	.22	.05	T	T	.53					.32		
SALISBURY FAA ARPT	3.38	T	.50		.21		.01	.57					.40			
SNOW HILL 4 N	2.30		.48		.16	.02	.01	T	.38					.28		
CENTRAL EASTERN SHORE 02																
ROYAL OAK 2 SSW	2.86		.46		.26	.12	.07	.01	.15					.50		
VIENNA	2.30		.50		.02		.20	.35						.51		
LOWER SOUTHERN MECHANICSVILLE 5 NE 03																
MECHANICSVILLE 5 NE	2.20		.38	T	.01		.02	.06	.05				T	.36		
UPPER SOUTHERN ANNAPOLIS POLICE BRKS 04																
ANNAPOLIS POLICE BRKS	2.37		.35		.07		.06	.06	.04	.01			.02	.06	.01	
BALTIMORE WSO ARPT R	2.65	.07	.53	T	.02		.01	.04	.01				.38			
BELTSVILLE	2.08		.55	.03		.10		.02	.03					.25		
DALECARLIA RESERVOIR	2.85	.01	.68	.03	.04		.04	.02	.05				.10	.37		
GLENN DALE BELL STN	2.49		.50					.10					.43			
LAUREL 3 W M	2.96	.08	.55		.13			.03	.04				.38			
NATIONAL ARBORETUM DC	1.93		.51	T		T		.03	.01				T	.37		
UPPER MARLBORO 3 NNW	2.02		.39	.05		.11		.06	.05					.33		
NORTHERN EASTERN SHORE 05																
CHESTERTOWN	3.46	T	.54		.09		.05	.05	.02				.81			
MILLINGTON 1 SE	2.87		.51		T			.11	.05				*	*	*	.60
NORTHERN CENTRAL ABERDEEN PHILLIPS FIEL M 06																
ABERDEEN PHILLIPS FIEL M R	2.60	-	.97	.02	.01	-	*	*	.34	-	-	-	-	*	*	*
BALTIMORE CITY	3.47	.01	.60	-	.01	-	-	.02	.40	.11	.01	-	-	.23	.03	-
CATOCTIN MOUNTAIN PARK	2.84		.73		T			.03	.07				.75	.33		
CLARKSVILLE 3 NNE	3.19		.32	.35	*	*	*	.03	.40			*	*	.98		
CONOWINGO DAM	2.90	.10	.64		.08		T	.05	.02			*	*	.25	T	T
DAMASCUS 2 SSW	2.76	T	.62		.05		.40	.20	.20				.12			
EMMITSBURG 2 SE	3.92	T	.75		T			.25	1.37					.12		
FREDERICK POLICE BRKS	2.97	T	.95	.01	.04		T	.30	.12			T	.16	.03		
MILLERS 4 NE	2.54	.03	.50			.18		.05	.02							
POTOMAC FILTER PLANT	2.65	.15	.48	T	.05			.04	.02				.36			
ROCKVILLE 1 NE	2.43		.78		.05	.04	.03	.20	.25					.10		
WESTMINSTER POL BRKS	3.11	T	.70		.02		.05	.08	.05				.24	.07		
WOODSTOCK APPALACHIAN MOUNTAIN 07																
CUMBERLAND 2	1.31		.33	.01		.01	.02		.57					.02	.01	
CUMBERLAND POLICE BRK	1.39	.21	.20		.06			.31	.01				.03			
FROSTBURG 2	1.88		.45	.04		.09	.02	T	.70					.04	.02	T
HAGERSTOWN POLICE BRK	1.42	T				.10		.08		.63			T			
SHARPSBURG 5 S	1.49		.35	.02		.04		T	.27					.10	T	
ALLEGHENY PLATEAU OAKLAND 1 SE 08																
OAKLAND 1 SE	2.71	.16	.15		.10	.03	.27	.47	.40				.10	.06	.04	
SAVAGE RIVER DAM	1.88		.32	.04		.07	.02	.02	.72				T	T	T	
DELAWARE																
NORTHERN NEWARK UNIVERSITY FARM 01																
NEWARK UNIVERSITY FARM	3.62		.86	.01	.04		.03	.26	.21					.55	.06	
WILMINGTON WSO ARPT R	3.51	.04	.70	T	.04		.02	.32	.13				.56		T	
WILMINGTON PORTER RSVR M	4.14	.06	.92		.06		.02	.23	.27				.57		.02	
SOUTHERN DOVER 02																
DOVER	2.31		.43		.15		T	T	.11					.44		
GREENWOOD 2 NE	2.24		.12	.32		.11			.22	T				.55		
LEWES	2.50		.56	.01	.19	T	.03	.04	.21					.46		

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			.72						.19	.01	.14		.48			
ASSATEAGUE ISLAND		*	.66							.15	.12	*	.60			
PRINCESS ANNE			.75	T					.05	.12	.08		.31			
SALISBURY			.72			T			.13	.10		T	.74			
SALISBURY FAA ARPT		T	.61						.04	.05	.16		.11			
SNOW HILL 4 N																
CENTRAL EASTERN SHORE 02																
ROYAL OAK 2 SSW		.03	.83			T			T	T	.02		.41			
VIENNA			.72													
LOWER SOUTHERN MECHANICSVILLE 5 NE 03		T	.94		T				T	T	.06	T	.32			
UPPER SOUTHERN ANnapolis POLICE BRKS 04			.10	.92			.02						.65			
BALTIMORE WSO ARPT R			.20	.71				T	.04	T		.01	.63			
BELTSVILLE	.02		.68	.12					T		T		.28			
DALECARLIA RESERVOIR			.12	.70					.03				.66			
GLENN DALE BELL STN		*	.79						.01				.66			
LAUREL 3 W		.18	.77					-	-	.05		.03	.72			
NATIONAL ARBORETUM DC			.64	.08					T	T	T		.29			
UPPER MARLBORO 3 NNW			.68	.31					.01		.01		.02			
NORTHERN EASTERN SHORE 05																
CHESTERTOWN		.06	1.10			T			T	T		.02	.72			
MILLINGTON 1 SE			1.16										.44			
NORTHERN CENTRAL ABERDEEN PHILLIPS FIEL 06	.29	.11	.86								T	*	*			
BALTIMORE CITY R	-	-	-	-	-	-	-	-	-	-	-	-	-			
CATOCTIN MOUNTAIN PARK		.21	.43						.05	.03		.01	1.32			
CLARKSVILLE 3 NNE		.30								T	.63					
CONOWINGO DAM			.92	.16									.03			
DAMASCUS 2 SSW		.21	.83			T		T	.04	.04		.04	.60			
EMMITSBURG 2 SE		.25	.40						.05	.02	.05	T	.40			
FREDERICK POLICE BRKS		.22	.66						.05	T			.50			
MILLERS 4 NE		.24	.51						.01	T	.01	T	.59			
POTOMAC FILTER PLANT		.22	.80						.05	.03		.07	.59			
ROCKVILLE 1 NE		.20	.68			T	T	.02	.01	T		.05	.59			
WESTMINSTER POL BRKS		.30							T				.68			
WOODSTOCK		.17	.97						T	T	T	T	.76			
APPALACHIAN MOUNTAIN 07																
CUMBERLAND 2		.01							.01	.02	.07		.23			
CUMBERLAND POLICE BRK										.08		.05	.44			
FROSTBURG 2		T	T			.01	T		.03	.01	.10		.37			
HAGERSTOWN POLICE BRK			.08						.03			T	.50			
SHARPSBURG 5 S		T	.57	.03					.01		.01		.09			
ALLEGHENY PLATEAU 08																
OAKLAND 1 SE		.09			T	.04	.02		.04	.10	.06	.08	.50			
SAVAGE RIVER DAM		T	T			T	T	T	.02	.03	.21		.43			
DELAWARE																
NORTHERN NEWARK UNIVERSITY FARM 01		.06	.84										.70			
WILMINGTON WSO ARPT R		.08	.87			T			T	T		T	.75			
WILMINGTON PORTER RSVR		.13	.89			-			T			.08	.89			
SOUTHERN DOVER 02		T	.93										.25			
GREENWOOD 2 NE			.60	.30		T			T	.01	T		.01			
LEWES			.79						.07	T	.01		.13			

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 OBS MIN	37 49 29	51	58	52	48	52	47	44	50	52	54	57	62 49	39	49
PRINCESS ANNE	17	MAX OBS MIN			41 60	43 57	37 52	30	36	29 51	27 55	32 56	29 62	38 70	29	29	29
SALISBURY	17	MAX OBS MIN	48 25 25	60 37	58 44	55 39	51 37	50 31	50 32	50 36	45 27	55 34	54 28	63 36	70 67	41 30	49 27
SALISBURY FAA ARPT	MID	MAX MIN	49 25	60 44	58 39	53 39	48 29	51 29	46 29	44 29	55 26	54 33	64 28	70 39	46 29	39 29	49 21
SNOW HILL 4 N	17	MAX MIN	49 23	58 38	59 41	52 38	51 37	51 26	49 27	45 36	57 23	54 39	60 26	70 44	60 28	39 26	51 20
CENTRAL EASTERN SHORE 02																	
ROYAL OAK 2 SSW	18	MAX MIN	41 21	57 34	57 40	51 34	48 39	48 30	46 31	42 37	55 27	56 38	57 29	68 48	63 28	40 29	48 23
VIENNA	18	MAX OBS MIN	46 24	56 38	56 44	52 42	50 36	49 28	50 30	50 34	54 30	51 34	60 28	67 34	66 26	39 26	42 22
LOWER SOUTHERN MECHANICSVILLE 5 NE 03	19	MAX MIN	39 20	55 36	55 37	55 35	50 36	52 30	45 30	43 38	59 27	59 35	66 27	73 46	48 28	42 26	51 20
UPPER SOUTHERN ANNAPOLIS POLICE BRKS 04	17	MAX OBS MIN	43 58 22	50 38	56 41	50 35	50 38	50 32	50 34	40 38	46 30	57 42	62 49	64 50	50 30	40 40	50 26
BALTIMORE WSO ARPT	MID	MAX MIN	41 16	51 36	55 33	56 35	49 31	52 32	40 30	42 28	54 24	57 31	64 27	73 35	38 27	41 25	50 24
BELTSVILLE	08	MAX MIN	33 18	43 22	52 42	57 34	56 36	49 30	54 37	41 26	43 30	56 28	58 30	65 31	73 26	38 26	41 22
DALECARLIA RESERVOIR	17	MAX MIN	38 21	52 35	58 40	57 39	52 38	55 36	55 28	49 37	56 45	58 38	66 54	75 33	47 27	42 26	52 22
GLENN DALE BELL STN	16	MAX MIN	44 14	52 34	56 38	54 33	49 35	54 28	49 28	42 36	56 22	58 36	66 25	74 41	41 24	41 23	52 17
LAUREL 3 W	MID	MAX MIN	42 21	51 33	58 41	56 36	50 34	53 36	47 35	44 34	55 30	57 41	64 36	73 35	38 27	40 24	51 29
NATIONAL ARBORETUM DC	07	MAX MIN	37 18	43 18	54 39	59 38	56 36	51 34	53 30	41 35	45 26	58 32	60 27	68 30	77 27	38 26	43 20
UPPER MARLBORO 3 NNW	08	MAX MIN	34 18	47 18	52 40	57 36	55 38	50 32	53 29	41 31	42 26	59 26	59 28	66 27	73 28	39 26	43 21
NORTHERN EASTERN SHORE 05																	
CHESTERTOWN	23	MAX MIN	45 19	57 26	55 34	50 34	48 32	46 29	41 31	40 29	52 26	57 33	63 28	71 35	41 28	41 26	51 23
MILLINGTON 1 SE	18	MAX OBS MIN	43 17	57 35	56 41	56 32	46 35	45 27	44 28	39 35	52 23	56 31	60 26	68 26	64 ***	37 ***	46 ***
NORTHERN CENTRAL ABERDEEN PHILLIPS FIEL 06	16	MAX MIN	41 17	52 37	56 41	55 39	50 37			41 35	50 26	56 38	60 32	69 49			
BALTIMORE CITY	MID	MAX MIN															
CATOCTIN MOUNTAIN PARK	17	MAX MIN	38 17	47 30	52 35	53 35	44 27	53 33	47 30	35 30	42 27	53 34	58 38	68 35	36 22	36 18	51 29
CLARKSVILLE 3 NNE	17	MAX MIN	39 13	50 35	54 30	52 31	47 29	55 31	50 25	40 25	51 22	55 30	61 24	70 34	34 25	38 24	50 16
CONOWINGO DAM	MID	MAX MIN	49 16	50 16	50 17					55 16	39 30	60 32					50 22
DAMASCUS 2 SSW	22	MAX MIN	37 20	47 32	54 36	54 37	47 32	54 35	37 33	40 32	48 28	54 38	63 37	71 31	33 26	39 23	49 22
EMMITSBURG 2 SE	17	MAX MIN	40 14	43 32	53 36	55 28	48 33	58 31	53 28	53 33	45 23	58 31	60 23	72 35	42 26	41 24	51 15
FREDERICK POLICE BRKS	17	MAX MIN	41 19	44 33	54 39	56 36	51 35	56 36	42 33	46 34	56 28	64 38	71 30	43 43	27 27	25 25	52 25
MILLERS 4 NE	18	MAX MIN	41 14	50 32	53 38	52 34	46 30	54 31	37 30	48 32	55 25	61 36	71 29	37 37	37 24	50 22	50 20
ROCKVILLE 1 NE	MID	MAX MIN	39 16	53 34	56 40	54 42	47 34	51 39	43 36	43 29	52 28	55 37	62 30	72 34	34 26	41 25	51 22
WESTMINSTER POL BRKS	17	MAX MIN	50 20	51 33	49 38	51 36	51 31	53 33	52 32	50 32	55 28	60 37	70 34	52 45	37 25	48 20	25 25
WOODSTOCK	18	MAX MIN OBS	43 13	51 34	55 40	56 35	50 32	57 31	53 31	53 29	53 24	58 38	64 26	73 39	40 25	42 22	53 19

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	54	62	53	48	47	39	33	36	38	45	48	48	49				48.3
PRINCESS ANNE	32	42	39	36	33	27	23	23	31	31	31	33	43				32.7
	64		64	48			45	36	35	43	48						M
SALISBURY	28		28	32			21	19	26	25	29						M
	65	65	62	48	45	40	35	34	35	40	48	52	58				51.5
	31	35	43	32	33	27	21	17	26	26	29	27	41				31.7
SALISBURY FAA ARPT	65	65	55	45	44	38	32	34	35	40	48	54	58				50.0
	29	35	39	33	32	27	21	17	27	26	30	26	42				30.3
SNOW HILL 4 N	63	65	62	47	45	41	34	35	36	42	48	55	55				51.2
	27	32	45	30	32	24	21	13	26	28	27	24	40				30.0
CENTRAL EASTERN SHORE 02																	
ROYAL OAK 2 SSW	59	59	54	47	42	39	34	30	35	39	49	50	53				48.8
	29	42	42	33	33	28	22	18	23	24	31	26	42				31.5
VIENNA	61	63	60	47	43	42	32	34	36	39	49	48	48				49.6
	23	43	42	31	32	26	20	18	25	21	25	24	31				30.0
LOWER SOUTHERN MECHANICSVILLE 5 NE 03	60	58	54	44	44	37	32	30	37	41	48	53	55				49.5
	26	34	39	28	30	25	21	15	19	19	27	24	41				29.3
UPPER SOUTHERN ANNAPOLIS POLICE BRKS 04	58	54	50	56	48	36	37	35	39	40	51	51	58				49.0
	30	36	41	30	32	24	21	20	20	27	30	27	38				31.6
BALTIMORE WSO ARPT	61	51	50	43	42	36	32	27	37	36	48	52	47				47.3
	24	30	36	29	29	25	20	17	22	22	27	24	41				27.9
BELTSVILLE	50	64	56	49	44	40	34	31	28	39	37	46	52				47.5
	25	29	39	30	29	25	20	16	19	22	26	24	29				27.7
DALECARLIA RESERVOIR	65	62	57	48	43	41	33	30	41	38	47	54	50				50.8
	26	36	40	42	29	23	21	19	19	23	29	40	40				32.4
GLENN DALE BELL STN	66	58	52	42	42	36	32	30	38	38	47	54	47				48.9
	22	29	41	22	28	23	19	11	20	18	26	20	40				26.9
LAUREL 3 W	67	57	50	45	42	35	36	28	40	38	47	53	47				48.7
	33	46	37	29	28	24	18	17	20	25	29	32	39				31.0
NATIONAL ARBORETUM DC	52	66	60	51	45	43	38	33	32	41	40	49	55				49.6
	24	27	38	30	28	25	20	17	18	20	18	23	36				27.1
UPPER MARLBORO 3 NNW	52	63	58	49	44	43	37	33	30	38	38	47	56				48.5
	20	24	31	29	28	26	20	15	17	21	22	25	24				25.9
NORTHERN EASTERN SHORE 05																	
CHESTERTOWN	66	46	48	47	43	38	32	31	37	43	49	53	53				48.0
	26	31	36	29	28	26	18	15	23	23	29	26	40				28.0
MILLINGTON 1 SE	64	57	48	46	41	37	34	29	37	41	48	51	53				48.4
	24	29	41	29	29	27	18	15	22	21	28	23	23				27.5
NORTHERN CENTRAL 06																	
ABERDEEN PHILLIPS FIEL	61	61	50	49			31	31	38	39	48						49.4
	36	37	42	31			19	15	23	24	30						32.0
BALTIMORE CITY																	M
CATOCTIN MOUNTAIN PARK	63	55	48	42	36	30	29	28	33	30	42	49	42				44.3
	38	40	33	23	22	17	12	8	14	20	25	27	34				26.9
CLARKSVILLE 3 NNE	64	48	47	40	39	33	29	25	37	34	45	52	45				45.9
	22	29	31	25	28	23	18	12	18	17	28	20	39				25.1
CONOWINGO DAM	54	59	48								46	51	48				M
	26	25	39								17	25	25				M
DAMASCUS 2 SSW	64	53	48	40	38	32	31	25	37	32	43	53	46				45.3
	30	38	33	25	25	20	16	12	16	22	26	25	40				28.2
EMMITSBURG 2 SE	65	59	49	44	39	39	32	29	36	35	46	50	46				47.9
	20	34	39	22	24	22	16	10	17	17	25	20	37				25.5
FREDERICK POLICE BRKS	64	63	54	48	41	39	33	27	35	34	45	50	45				48.2
	28	38	39	28	29	24	18	15	20	22	30	27	38				29.9
MILLERS 4 NE	63	52	47	40	38	33	28	26	38	34	46	48	45				45.8
	28	37	37	26	24	20	13	10	15	17	25	24	37				26.7
ROCKVILLE 1 NE	63	55	48	44	40	31	32	28	37	34	45	51	44				46.8
	26	39	31	29	27	24	19	17	19	22	29	26	40				29.3
WESTMINSTER POL BRKS	62	56	54	53	39	36	36	27	37	34	48	50	49				48.6
	32	32	34	27	24	20	14	11	10	14	27	28	36				27.8
WOODSTOCK	65	51	50	47	42	35	32	28	39	36	48	54	46				49.0
	22	30	39	24	23	20	17	12	17	20	23	21	38				26.6

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
APPALACHIAN MOUNTAIN 07	17	MAX	35	47	55	55	50	55	50	44	50	61	62	58	34	41	59
CUMBERLAND 2		MIN	23	35	31	30	30	33	34	26	27	28	28	27	24	19	19
CUMBERLAND POLICE BRK	17	MAX	33	42	50	52	45	51	50	41	46	56	57	58	34	36	55
		MIN	18	32	33	30	30	32	30	31	30	30	26	24	21	23	18
FROSTBURG 2	07	MAX	31	33	43	47	49	45	46	36	35	52	52	57	59	19	31
		MIN	16	22	31	30	23	23	28	29	27	31	32	33	18	15	18
HAGERSTOWN POLICE BRK	17	MAX	38	44	59	51	56	58	57	43	42	58	63	72	41	42	54
		OBS															
		MIN	19	33	40	33	36	34	34	34	25	30	29	30	32	25	18
SHARPSBURG 5 S	07	MAX	37	40	46	57	60	50	59	39	43	45	59	62	74	34	42
		MIN	15	19	33	32	34	34	28	31	25	26	25	25	23	26	17
ALLEGHENY PLATEAU 08																	
OAKLAND 1 SE	17	MAX	46	48	48	45	40	43	40	44	51	52	69	67	26	28	48
		MIN	21	40	31	29	22	32	26	29	24	28	28	26	13	15	11
SAVAGE RIVER DAM	08	MAX	31	32	49	49	48	42	46	40	37	51	53	56	55	23	33
		MIN	20	23	23	23	28	27	30	32	27	29	27	28	22	19	18
DELAWARE																	
NORTHERN 01																	
NEWARK UNIVERSITY FARM	17	MAX	43	57	57	52	48	44	45	40	49	54	61	72	67	36	50
		MIN	15	35	41	32	34	29	29	32	25	31	26	36	28	20	21
WILMINGTON WSO ARPT	MID	MAX	41	52	55	49	46	44	42	41	49	54	55	71	41	36	48
		MIN	18	36	35	34	33	30	29	28	25	32	27	34	27	24	21
WILMINGTON PORTER RSVR	MID	MAX	40	54	52	47	44	43	40	39	46	52	55	68	38	34	46
		MIN	21	35	38	38	32	31	32	28	28	36	32	33	27	20	22
SOUTHERN 02																	
DOVER	17	MAX	44	57	57	54	48	48	48	40	50	53	60	66	66	40	40
		MIN	19	36	42	37	35	32	34	33	25	41	30	46	29	25	20
GREENWOOD 2 NE	07	MAX	31	53	59	55	51	46	47	42	39	53	55	63	69	42	38
		MIN	19	19	45	35	37	28	29	31	25	25	27	28	29	26	20
LEWES	17	MAX	45	58	56	52	52	48	48	42	57	55	59	71	63	37	50
		MIN	24	37	46	38	38	33	37	36	28	45	30	47	31	27	27

DAILY TEMPERATURES (°F)

STATION	DAY OF MONTH																AVERAGE	
	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
APPALACHIAN MOUNTAIN 07																		47.1
CUMBERLAND 2	67	59	50	47	39	33	35	32	31	35	46	44	45					25.7
CUMBERLAND POLICE BRK	26	37	27	25	22	14	14	16	21	25	21	22	35					43.8
FROSTBURG 2	62	53	49	40	39	29	29	29	28	33	40	43	46					25.9
HAGERSTOWN POLICE BRK	24	37	36	26	24	21	13	12	19	23	29	20	33					39.5
SHARPSBURG 5 S	51	59	52	39	38	28	23	25	27	24	30	35	40					22.4
ALLEGHENY PLATEAU 08	20	37	30	22	19	14	7	7	13	16	20	23	23					49.8
OAKLAND 1 SE	64	64	63	63	43	41	35	31	35	33	46	51	47					26.7
SAVAGE RIVER DAM	25	25	28	22	23	21	15	14	18	19	28	20	37					47.5
DELAWARE	56	67	60	49	44	40	35	33	28	37	36	46	52					23.4
NORTHERN 01	17	24	37	22	21	19	18	10	14	17	24	20	20					42.1
NEWARK UNIVERSITY FARM	56	55	40	39	36	25	25	28	28	32	35	44	42					22.8
WILMINGTON WSO ARPT	23	31	29	22	18	15	7	7	16	23	24	14	34					39.9
WILMINGTON PORTER RSVR	48	57	48	40	39	30	25	27	26	26	30	37	40					22.6
SOUTHERN 02	19	26	34	27	23	20	11	11	11	12	22	19	21					48.4
DOVER	62	53	49	47	43	38	32	31	38	43	47	48	50					27.9
GREENWOOD 2 NE	25	30	41	31	31	23	16	13	20	24	28	33	33					45.9
LEWES	57	50	49	45	40	36	31	27	38	42	47	49	50					27.8
	26	34	35	30	27	23	17	14	21	22	28	27	40					44.1
	58	48	45	42	38	33	28	27	36	40	45	48	49					28.8
	30	35	36	32	29	22	15	13	22	25	29	28	38					48.7
	58	56	58	46	44	38	33	30	36	40	49	50	54					30.8
	29	36	41	31	30	25	17	15	24	25	28	39	39					47.4
	49	65	63	47	45	45	35	31	31	36	38	47	52					26.9
	20	27	40	30	32	26	19	15	17	25	28	24	27					49.6
	60	62	56	44	42	39	34	31	36	39	48	49	56					33.7
	31	40	43	37	35	28	22	22	29	31	29	32	41					

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																
SOUTHERN EASTERN SHORE	01															
SALISBURY FAA ARPT																
SNOW HILL 4 N																
CENTRAL EASTERN SHORE	02															
ROYAL OAK 2 SSW																
LOWER SOUTHERN MECHANICSVILLE 5 NE	03															
UPPER SOUTHERN BALTIMORE WSO ARPT	04												T			
BELTSVILLE																
NATIONAL ARBORETUM DC																
UPPER MARLBORO 3 NNW																
NORTHERN EASTERN SHORE	05															
CHESTERTOWN																
NORTHERN CENTRAL CATOCTIN MOUNTAIN PARK	06							.4								
CLARKSVILLE 3 NNE																
DAMASCUS 2 SSW																
EMMITSBURG 2 SE																
FREDERICK POLICE BRKS																
MILLERS 4 NE																
ROCKVILLE 1 NE																
WESTMINSTER POL BRKS																
WOODSTOCK																
APPALACHIAN MOUNTAIN CUMBERLAND 2	07															
FROSTBURG 2																
HAGERSTOWN POLICE BRK																
SHARPSBURG 5 S																
ALLEGHENY PLATEAU OAKLAND 1 SE	08															
SAVAGE RIVER DAM																
DELAWARE																
NORTHERN WILMINGTON PORTER RSVR	01															
SOUTHERN GREENWOOD 2 NE	02															

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																
SOUTHERN EASTERN SHORE 01						T			1.6	.4						
SALISBURY FAA ARPT									T	.2	T					
SNOW HILL 4 N									.3	.3	1.5					
CENTRAL EASTERN SHORE 02																
ROYAL OAK 2 SSW						T			T	T	.2					
						T			T	T						
LOWER SOUTHERN MECHANICSVILLE 5 NE 03																
												T				
												T				
UPPER SOUTHERN BALTIMORE WSO ARPT 04 R																
								T	.6	T						
									1	T						
BELTSVILLE																
									.3			T				
									T			T				
NATIONAL ARBORETUM DC																
									.2	T	.2					
									T	T	T					
UPPER MARLBORO 3 NNW																
									.2		.2					
									T		T					
NORTHERN EASTERN SHORE 05																
CHESTERTOWN						T			T	T						
						T			T	T						
NORTHERN CENTRAL CATOCTIN MOUNTAIN PARK 06																
										.5						
										-						
CLARKSVILLE 3 NNE																
										T						
										T						
DAMASCUS 2 SSW																
						T		.1	.5	.7						
								T	T	1						
EMMITSBURG 2 SE																
									1.0	T	.5					
FREDERICK POLICE BRKS																
MILLERS 4 NE																
									.4	T	.2					
									T	T						
ROCKVILLE 1 NE																
						T		.3	.5	.5						
								T	-	1						
WESTMINSTER POL BRKS																
									.5							
									1							
WOODSTOCK																
									T	T	T					
									T	T	T					
APPALACHIAN MOUNTAIN CUMBERLAND 2 07																
												1.0				
												1				
FROSTBURG 2																
						.8	.1		.4	.5	1.6					
						1	T	T	T	1	3	1				
HAGERSTOWN POLICE BRK																
SHARPSBURG 5 S																
									.2		.4					
									T		T					
ALLEGHENY PLATEAU OAKLAND 1 SE 08																
					T	2.0	.8		.3	1.0	3.0					
					T	-	-		-	-	-					
SAVAGE RIVER DAM																
						T	T	T	-	-	-					
						T	T	T	1	1	2	T				
DELAWARE																
NORTHERN WILMINGTON PORTER RSVR 01																
						T			T							
						T			T							
SOUTHERN GREENWOOD 2 NE 02																
						T			T	T	T					
						T			T	T	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 10	76 41W	148	MID	MID		C HJ	NATL WEATHER SERVICE
BALTIMORE CITY # R	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.
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.

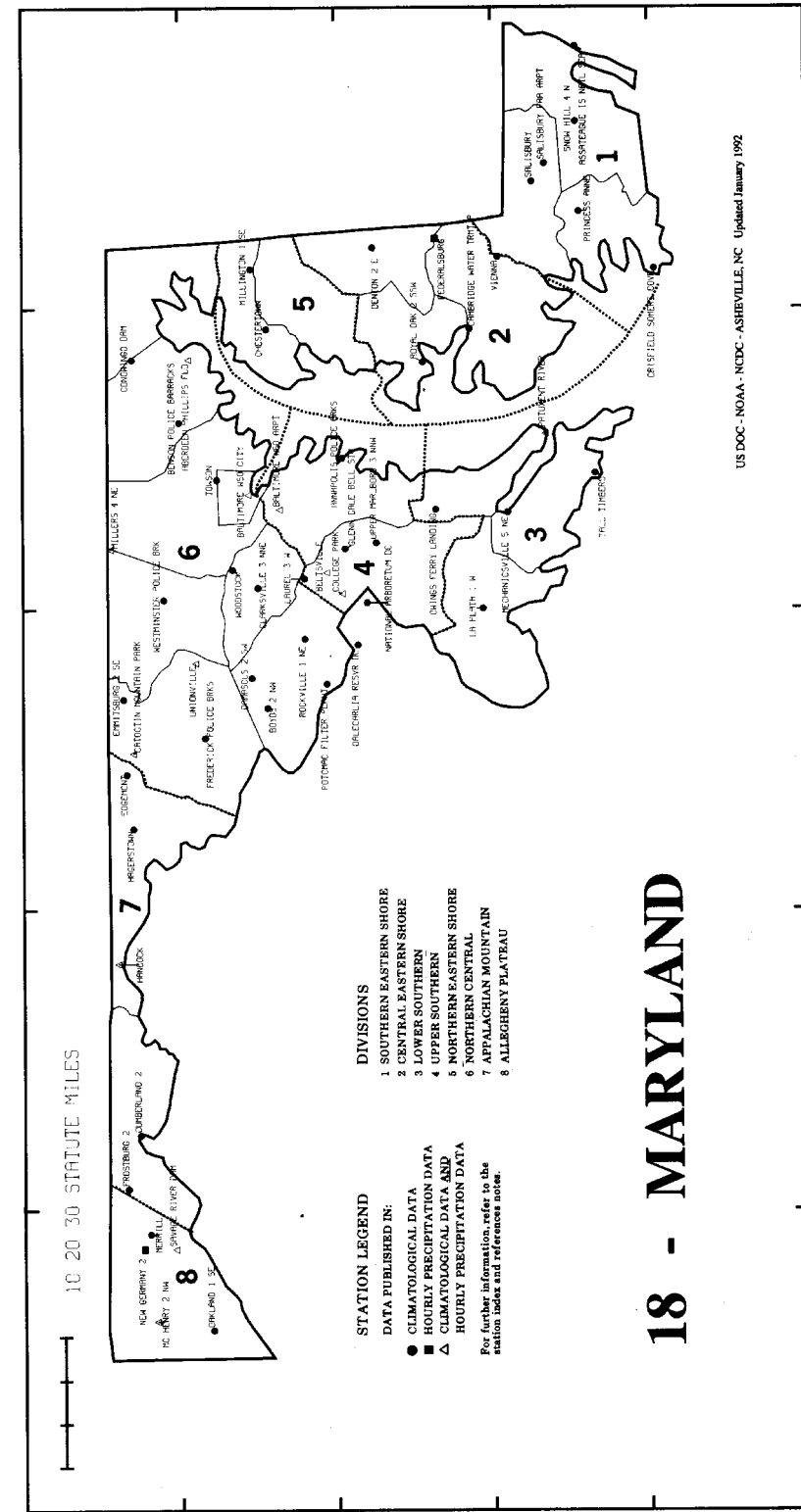
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-80.0

-77.0

-76.0

- 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.
- 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

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

US DOC - NOAA - NCDC - ASHEVILLE, NC
Updated January 1992

39.0

39.0

38.0
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