

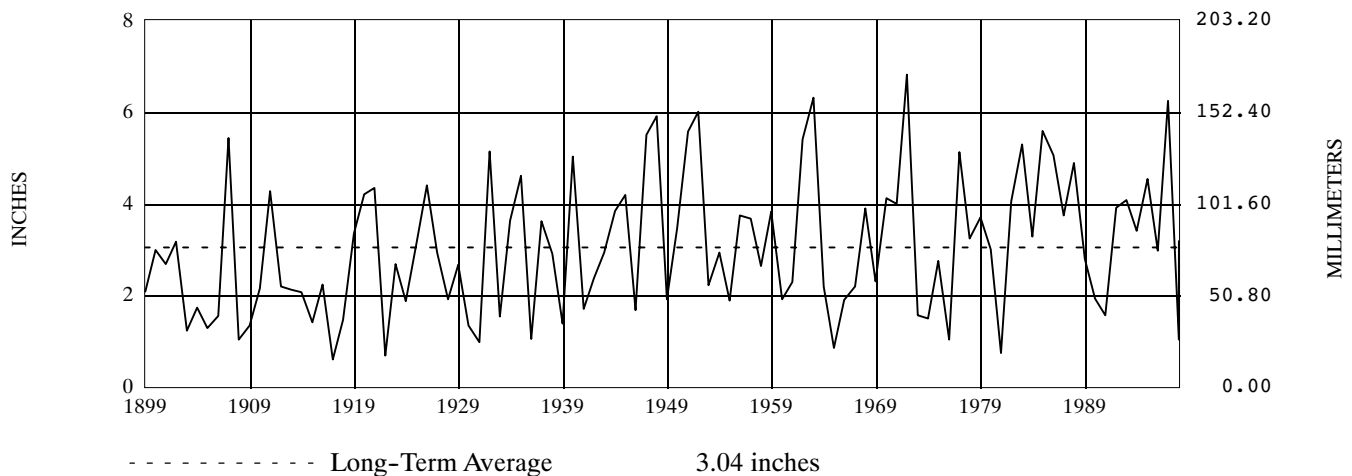
CLIMATOLOGICAL DATA

MARYLAND AND DELAWARE

DECEMBER 1998

VOLUME 102 NUMBER 12

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MARYLAND AND DELAWARE PRECIPITATION DECEMBER, 1899-1998

TEMPERATURE AND PRECIPITATION EXTREMES

MARYLAND

HIGHEST TEMPERATURE	85	DECEMBER 7	BALTIMORE CITY	R
LOWEST TEMPERATURE	4	DECEMBER 26	CLARKSVILLE 3 NNE	
GREATEST TOTAL PRECIPITATION	5.65		VIENNA	
LEAST TOTAL PRECIPITATION	.62		EMMITSBURG 2 SE	
GREATEST 1 DAY PRECIPITATION	1.55	DECEMBER 13	ASSATEAGUE ISLAND	
GREATEST TOTAL SNOWFALL	10.2		OAKLAND 1 SE	
GREATEST DEPTH OF SNOW OR ICE	3	DECEMBER 30+	3 STATIONS	

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TEMPERATURE AND PRECIPITATION EXTREMES

DELAWARE

HIGHEST TEMPERATURE	77	DECEMBER 8+	2 STATIONS
LOWEST TEMPERATURE	10	DECEMBER 26	NEWARK UNIVERSITY FARM
GREATEST TOTAL PRECIPITATION	3.46		LEWES
LEAST TOTAL PRECIPITATION	1.01		WILMINGTON WSO ARPT R
GREATEST 1 DAY PRECIPITATION	1.40	DECEMBER 13	LEWES
GREATEST TOTAL SNOWFALL	4.0M		WILMINGTON PORTER RSVR
GREATEST DEPTH OF SNOW OR ICE	2	DECEMBER 24	WILMINGTON PORTER RSVR

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MONTHLY STATION AND DIVISION SUMMARY

STATION	TEMPERATURE (°F)													NO. OF DAYS			
	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	55.4	37.6M	46.5M		76	7+	22	23	578	0	0	2	10	0			
PRINCESS ANNE		M	M	M	77	7	22	10			0	0	5	0			
SALISBURY	53.5	35.6	44.6	4.2	78	7	19	27	627	2	0	2	13	0			
SALISBURY FAA ARPT	52.6	31.9	42.3	3.1	77	7+	12	31	699	3	0	4	20	0			
SNOW HILL 4 N	53.5	34.4	44.0	4.2	78	7+	14	31	648	2	0	3	15	0			
--DIVISIONAL DATA----->																	
CENTRAL EASTERN SHORE 02																	
ROYAL OAK 2 SSW	52.0	36.2	44.1	5.0	76	6	19	26+	642	2	0	2	12	0			
VIENNA	53.6	35.8	44.7	5.0	78	7	18	27+	623	2	0	2	9	0			
--DIVISIONAL DATA----->																	
LOWER SOUTHERN 03																	
MECHANICSVILLE 5 NE	52.5	34.2	43.4	5.2	80	7+	14	26	670	7	0	2	17	0			
--DIVISIONAL DATA----->																	
UPPER SOUTHERN 04																	
ANNAPOLIS POLICE BRKS	53.9	35.7	44.8	6.4	78	7+	19	26	621	2	0	1	11	0			
BALTIMORE WSO ARPT	50.8	31.3	41.1	4.4	77	7+	9	26	734	0	0	4	18	0			
BELTSVILLE	52.2	32.5	42.4	6.6	78	8	13	26	694	1	0	3	19	0			
DALECARLIA RESERVOIR	53.3	34.8	44.1	6.7	82	6	18	27+	650	9	0	3	15	0			
GLENN DALE BELL STN	51.8	32.2	42.0	5.0	79	7	11	26	711	5	0	2	17	0			
LAUREL 3 W	51.9	35.8	43.9	7.3	78	7	18	23	657	9	0	3	12	0			
NATIONAL ARBORETUM DC	54.5	33.0	43.8	6.4	81	8	14	26	659	7	0	1	17	0			
UPPER MARLBORO 3 NNW	53.9	32.0	43.0	6.9	80	7	14	26	678	3	0	2	18	0			
--DIVISIONAL DATA----->																	
NORTHERN EASTERN SHORE 05																	
CHESTERTOWN	51.5	32.0	41.8	4.8	78	6	13	26	714	1	0	3	17	0			
MILLINGTON 1 SE	51.7	31.7	41.7	5.5	78	6	10	26	716	2	0	2	16	0			
--DIVISIONAL DATA----->																	
NORTHERN CENTRAL 06																	
ABERDEEN PHILLIPS FIEL	52.5M	35.4	44.0M	6.8	74	7+	17	26+	639	0	0	1	14	0			
BALTIMORE CITY	56.1M	39.0	47.6M	8.3	85	7	24	23	567	28	0	0	10	0			
CATOCTIN MOUNTAIN PARK	47.8	33.1	40.5		73	6	10	23	754	0	0	4	18	0			
CLARKSVILLE 3 NNE	52.3	26.6	39.5		78	6	4	26+	787	0	0	2	19	0			
CONOWINGO DAM	53.2	32.4	42.8	8.5	77	8+	16	27	680	0	0	2	20	0			
DAMASCUS 2 SSW	48.5	33.1	40.8		75	7+	12	23	742	0	0	5	18	0			
EMMITSBURG 2 SE	50.6	30.1	40.4	6.2	76	6	8	26	759	0	0	3	19	0			
FREDERICK POLICE BRKS	50.6	35.2	42.9		77	6	14	26	683	3	0	3	13	0			
MILLERS 4 NE	49.0	32.7	40.9		75	7	11	26	742	1	0	3	16	0			
ROCKVILLE 1 NE	50.6	33.7	42.2	7.1	78	6	11	26	705	5	0	4	15	0			
WESTMINSTER POL BRKS	49.7	32.6	41.2	6.7	75	7	14	26+	731	1	0	4	17	0			
WOODSTOCK	51.3	31.7	41.5	5.8	77	6	7	26	724	2	0	3	18	0			
--DIVISIONAL DATA----->																	
APPALACHIAN MOUNTAIN 07																	
CUMBERLAND 2	50.8	28.2	39.5	4.9	77	6	11	25	780	0	0	2	23	0			
CUMBERLAND POLICE BRK	49.3	30.2	39.8		74	6	9	25	777	0	0	4	18	0			
FROSTBURG 2	44.8	28.5	36.7		69	7	8	31+	872	0	0	4	21	0			
HAGERSTOWN POLICE BRK	51.9	31.6	41.8		77	6	12	25	719	4	0	2	18	0			
SHARPSBURG 5 S	53.1	28.9	41.0		79	7	10	26	739	1	0	2	21	0			
--DIVISIONAL DATA----->																	
ALLEGHENY PLATEAU 08																	
OAKLAND 1 SE	46.5	26.5	36.5	6.2	69	6	5	31+	878	0	0	4	21	0			
SAVAGE RIVER DAM	46.6	27.2	36.9	6.6	70	8+	8	26	862	0	0	4	22	0			
--DIVISIONAL DATA----->																	
DELAWARE																	
NORTHERN 01																	
NEWARK UNIVERSITY FARM	50.5	31.5	41.0	4.9	74	4	10	26	736	0	0	2	16	0			
WILMINGTON WSO ARPT	49.4	32.5	41.0	5.2	75	4	13	26	738	0	0	4	17	0			
WILMINGTON PORTER RSVR	47.8	33.9	40.9	5.6	73	4	17	25	744	0	0	5	13	0			
--DIVISIONAL DATA----->																	
SOUTHERN 02																	
DOVER	51.7	33.9	42.8	4.0	75	8+	15	27	679	0	0	3	14	0			
GREENWOOD 2 NE	51.8	31.6	41.7		77	8	14	27+	715	0	0	2	16	0			
LEWES	53.0	37.8	45.4	5.7	77	7	20	31+	608	6	0	2	10	0			

MONTHLY STATION AND DIVISION SUMMARY

STATION	PRECIPITATION (IN)									
	TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	SLEET, SNOW			NO. OF DAYS		
					TOTAL	MAX. DEPTH ON GROUND	DATE	.10 OR MORE	.50 OR MORE	1.00 OR MORE
MARYLAND										
SOUTHERN EASTERN SHORE 01										
ASSATEAGUE ISLAND	3.24		1.55	13	.0	0		5	2	1
PRINCESS ANNE	3.58	.33	1.50	9	.0	0		3	2	1
SALISBURY	3.64	.11	1.42	13	M .0	0		7	2	2
SALISBURY FAA ARPT	3.44	-.24	1.43	13	.8	T		6	2	1
SNOW HILL 4 N	4.45	1.01	1.50	13	.7	0		7	3	2
--DIVISIONAL DATA----->	3.67	.26			.4					
CENTRAL EASTERN SHORE 02										
ROYAL OAK 2 SSW	2.74	-.98	1.08	13	.8	0		5	2	1
VIENNA	5.65	2.20			.0	0		6	4	2
--DIVISIONAL DATA----->	4.20	.64			.4					
LOWER SOUTHERN 03										
MECHANICSVILLE 5 NE	2.50	-.84	.96	13	1.0	1	31+	5	2	0
--DIVISIONAL DATA----->	2.50	-.83			1.0					
UPPER SOUTHERN 04										
ANNAPOLIS POLICE BRKS	2.37	-1.07	.58	13	.5	1	25+	4	4	0
BALTIMORE WSO ARPT R	1.27	-2.14	.36	8	3.0	3	24	4	0	0
BELTSVILLE	1.32	-2.03	.49	9	1.0	1	25+	4	0	0
DALECARLIA RESERVOIR	2.11	-1.35	.51	13	.5	0		5	2	0
GLENN DALE BELL STN	1.81	-1.47			M .0	0		2	1	0
LAUREL 3 W	1.46	-1.96	.41	13	M .0	0		4	0	0
NATIONAL ARBORETUM DC	1.94	-1.39	.86	9	.5	1	24	6	1	0
UPPER MARLBORO 3 NNW	2.04	-1.23	1.02	9	.5	1	24	5	1	1
--DIVISIONAL DATA----->	1.79	-1.58			1.0					
NORTHERN EASTERN SHORE 05										
CHESTERTOWN	1.87	-1.90	.64	13	2.3	2	24+	5	1	0
MILLINGTON 1 SE	M 1.67		.60	13	.3	T		5	1	0
--DIVISIONAL DATA----->	1.87	-1.82			1.3					
NORTHERN CENTRAL 06										
ABERDEEN PHILLIPS FIEL	1.31	-2.30	.37	9	.0	0		3	0	0
BALTIMORE CITY R					M	M				
CATOCTIN MOUNTAIN PARK	.77		.38	8	M 3.0	2	31+	3	0	0
CLARKSVILLE 3 NNE	1.33		.37	9	2.5	2	24	4	0	0
CONOWINGO DAM	1.71	-2.08	.54	9	T	T		5	1	0
DAMASCUS 2 SSW	1.65		.54	13	3.2	3	24+	5	1	0
EMMITSBURG 2 SE	.62	-2.65	.30	8	.5	T		3	0	0
FREDERICK POLICE BRKS	.95		.31	9	T	T		3	0	0
MILLERS 4 NE	.78		.37	8	.6	T		2	0	0
ROCKVILLE 1 NE	1.48	-1.59	.55	8	1.4	1	25+	4	1	0
WESTMINSTER POL BRKS	1.29	-2.03	.50	24	.5	1	24	5	1	0
WOODSTOCK	1.21	-2.27	.34	9	3.0	2	24	5	0	0
--DIVISIONAL DATA----->	1.19	-2.28			1.2					
APPALACHIAN MOUNTAIN 07										
CUMBERLAND 2	.64	-1.97	.40	9	M .0	0		2	0	0
CUMBERLAND POLICE BRK	1.39		.63	18	T	T		3	1	0
FROSTBURG 2	.63		.25	9	3.3	2	31+	2	0	0
HAGERSTOWN POLICE BRK	.79		.31	9	M .0	0		3	0	0
SHARPSBURG 5 S	.78		.47	9	.6	1	24	2	0	0
--DIVISIONAL DATA----->	.85	-1.97			1.3					
ALLEGHENY PLATEAU 08										
OAKLAND 1 SE	1.81	-1.93	.51	8	10.2	3	30	6	1	0
SAVAGE RIVER DAM	.78	-1.96	.34	9	M .0	2	18	4	0	0
--DIVISIONAL DATA----->	1.30	-2.38			10.2					
DELAWARE										
NORTHERN 01										
NEWARK UNIVERSITY FARM	1.16	-2.34	.30	9	.0	0		6	0	0
WILMINGTON WSO ARPT R	1.01	-2.47	.31	8	M	M		4	0	0
WILMINGTON PORTER RSVR	1.10	-2.74	.34	8	M 4.0	2	24+	3	0	0
--DIVISIONAL DATA----->	1.09	-2.47			.0					
SOUTHERN 02										
DOVER	2.57	-.97	.74	13	.5	1	24	5	2	0
GREENWOOD 2 NE	2.66		.93	9	.0	0		5	3	0
LEWES	3.46	-.22	1.40	13	M .0	0		6	3	1

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----->			43.3	4.7														

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----->	2.90	-.69			.3					

DAILY PRECIPITATION (INCHES)

STATION	TOTAL	DAY OF MONTH														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MARYLAND																
SOUTHERN EASTERN SHORE 01																
ASSATEAGUE ISLAND	3.24								.50				.04	1.55		
PRINCESS ANNE	3.58								.50	1.50			*	*	1.40	
SALISBURY	3.64								.12	1.10				1.42		
SALISBURY FAA ARPT	3.44								.44	.58			.04	1.43		
SNOW HILL 4 N	4.45								.14	1.30				1.50	.03	
CENTRAL EASTERN SHORE 02																
ROYAL OAK 2 SSW	2.74								.36	.72				1.08		
VIENNA	5.65								.30	.80				.50	*	1.52
LOWER SOUTHERN MECHANICSVILLE 5 NE 03	2.50									.28	.70			.96	.02	
UPPER SOUTHERN ANNAPOLIS POLICE BRKS 04	2.37									.52	.52			.58		
BALTIMORE WSO ARPT R	1.27					.05		.01	.36	.12			T	.35		
BELTSVILLE	1.32								.04	.49				.32	.12	
DALECARLIA RESERVOIR	2.11								.31	.46	.02			.51		
GLENN DALE BELL STN	1.81							*	*	.89				.56		
LAUREL 3 W	1.46					.06			.33	.25			.01	.41		
NATIONAL ARBORETUM DC	1.94								.12	.86				.37	.22	
UPPER MARLBORO 3 NNW	2.04								.11	1.02	.01	.01		.32	.29	
NORTHERN EASTERN SHORE 05																
CHESTERTOWN	1.87					.01		.03	.38	.28			T	.64		
MILLINGTON 1 SE M	1.67				*	.06			.32	.42				.60		
NORTHERN CENTRAL ABERDEEN PHILLIPS FIEL 06	1.31					.04			.16	.37			*	.26		
BALTIMORE CITY M R		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CATOCTIN MOUNTAIN PARK	.77								.38	.06						
CLARKSVILLE 3 NNE	1.33					.04			.18	.37				.32		
CONOWINGO DAM	1.71					.03	.02	.03	.49	.54				.05	.05	
DAMASCUS 2 SSW	1.65							T	.35	.25				.54		
EMMITSBURG 2 SE	.62								.30							
FREDERICK POLICE BRKS	.95								.30	.31				.08		
MILLERS 4 NE	.78					.04		T	.37	.14				T	T	
POTOMAC FILTER PLANT	1.77					.02		.07	.49	.20				.37		
ROCKVILLE 1 NE	1.48							.03	.55	.10			.01	.35		
WESTMINSTER POL BRKS	1.29								.36	.20						
WOODSTOCK	1.21					.02			.23	.34				.24	T	
APPALACHIAN MOUNTAIN 07																
CUMBERLAND 2	.64								.03	.40					.02	
CUMBERLAND POLICE BRK	1.39						.09		.39	.02					.03	
FROSTBURG 2	.63				T	T	T		.01	.25					.03	
HAGERSTOWN POLICE BRK	.79				T				.30	.31				.18		
SHARPSBURG 5 S	.78								.03	.47				.02	.05	
ALLEGHENY PLATEAU OAKLAND 1 SE 08	1.81	.02			.08	.03	.02	.22	.51	.02				T		
SAVAGE RIVER DAM	.78	T			T	T	T		.02	.34					T	
DELAWARE																
NORTHERN NEWARK UNIVERSITY FARM 01	1.16					.16			.18	.30				.11		
WILMINGTON WSO ARPT R	1.01				T	T		.04	.31	.06				.12		
WILMINGTON PORTER RSVR	1.10					.06		.03	.34	.07				.03		
SOUTHERN DOVER 02	2.57					.04			.44	.63				.74	.03	
GREENWOOD 2 NE	2.66								T	.93	.04			.60	.71	
LEWES	3.46								.58	.64				1.40	.02	

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	.12			.05					.41	.06		.03	.42	.03	.03	
PRINCESS ANNE	.15	.03														
SALISBURY	.02	.11			.06	.02			.03	.47			.16	.10	T	.03
SALISBURY FAA ARPT	.05	.01		.02	T		T	.15	.29				.29	.07	.04	.03
SNOW HILL 4 N	.20	.02						.03	.80				.23	.15	.04	.01
CENTRAL EASTERN SHORE 02																
ROYAL OAK 2 SSW		.03					.04		.30				.04	.10	.05	.02
VIENNA			.05		.08								1.00	1.00	.40	
LOWER SOUTHERN																
MECHANICSVILLE 5 NE		.02			T		.01	T	.36				T	T	.12	.03
UPPER SOUTHERN																
ANNAPOLIS POLICE BRKS		.04							.53				.08	.07	.03	
BALTIMORE WSO ARPT R		T					.08	.26	.03					.01	T	T
BELTSVILLE							.06	.01	.22						.06	
DALECARLIA RESERVOIR	.02	.02					.10		.50	.01				.08	.08	
GLENN DALE BELL STN							.05		.27						.02	.02
LAUREL 3 W		.03						.27					.04	.06		
NATIONAL ARBORETUM DC							.02		.22						.13	
UPPER MARLBORO 3 NNW			.02				.01	.01	.22						.02	
NORTHERN EASTERN SHORE 05																
CHESTERTOWN		.03					.13	.21	.03				.03	.05	.05	T
MILLINGTON 1 SE							.17	T	-					.10		-
NORTHERN CENTRAL 06																
ABERDEEN PHILLIPS FIEL R	-	.02	-	-	T	T	-	-	-	*	*	*	.24	.14	.08	-
BALTIMORE CITY																
CATOCTIN MOUNTAIN PARK									.10				.03	.12		.08
CLARKSVILLE 3 NNE							.03		.28					.06	.05	T
CONOWINGO DAM		.02					.06		.13					.13	.16	
DAMASCUS 2 SSW		T					.10	.29	.02				T	.09		.01
EMMITSBURG 2 SE		T							.05				.12	.15		T
FREDERICK POLICE BRKS								T	.05				T	.14	.05	.02
MILLERS 4 NE		T		T			.07	T	.07				T	.07	.02	T
POTOMAC FILTER PLANT							.08	.28	.08				.02	.10	.05	.01
ROCKVILLE 1 NE		T					.05	.25						.09		.05
WESTMINSTER POL BRKS							.11		.50					.12		T
WOODSTOCK							.02	T	.25					.11		T
APPALACHIAN MOUNTAIN 07																
CUMBERLAND 2			.01				.01		.01					.13	.03	
CUMBERLAND POLICE BRK			.63						.02				.20			.01
FROSTBURG 2		T	.05						.01					.12	.05	.02
HAGERSTOWN POLICE BRK													T	T		T
SHARPSBURG 5 S		T			T		.03		.10					.06	.02	T
ALLEGHENY PLATEAU 08																
OAKLAND 1 SE		.20	.10		.02		.32	.03					.08	T	.11	.05
SAVAGE RIVER DAM		T	.11		T		.13							.11	.07	
DELAWARE																
NORTHERN 01																
NEWARK UNIVERSITY FARM		.03					.08		.13					.17		
WILMINGTON WSO ARPT R		.02			T		.07	.16	.05				.02	.15	.01	T
WILMINGTON PORTER RSVR		.03		T	T		.08	.18	.06				.02	.17	.02	.01
SOUTHERN 02																
DOVER		.05					.08		.25				.09	.13	.09	
GREENWOOD 2 NE					.06		.01	.05						.15	.10	.01
LEWES		.02			.08		T		.12				.31	.16	.08	.05

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	71	64	65	76	67	72	76	67	63	51	53	50	50	47	61
		OBS	***									***					
		MIN		46	33	42	63	51	54	57	51	38	39	41	38	43	35
PRINCESS ANNE	17	MAX	46	33	42	63	51	54	57	51	38	39	41	38	43	35	33
		MIN	76		66	74			77	76	59	55	51			50	53
		OBS	31		30	49			49	56	39	22	39			34	30
SALISBURY	17	MAX	69	66	66	75	76	77	78	70	57	55	51	48	47	45	54
		MIN	59	34	41	48	51	51	56	54	39	30	42	29	41	36	24
SALISBURY FAA ARPT	MID	MAX	69	66	66	75	76	77	77	65	54	54	51	48	46	46	53
		MIN	37	28	37	51	49	51	58	54	30	29	29	26	42	27	22
SNOW HILL 4 N	17	MAX	70	66	66	76	76	78	78	71	57	56	51	47	47	45	53
		MIN	58	27	39	48	48	48	56	56	48	26	39	25	42	34	21
CENTRAL EASTERN SHORE 02																	
ROYAL OAK 2 SSW	18	MAX	66	64	66	71	73	76	74	70	54	51	50	48	48	46	50
		MIN	57	33	41	51	52	50	60	53	40	31	41	29	42	38	25
VIENNA	18	MAX	69	69	72	76	72	76	78	70	56	54	54	54	54	48	51
		OBS														***	
		MIN	56	56	50	52	51	43	55	53	39	30	34	36	36	37	22
		OBS				34										***	
LOWER SOUTHERN MECHANICSVILLE 5 NE 03	19	MAX	68	66	69	77	76	80	80	72	52	52	50	48	44	45	50
		MIN	54	30	38	53	56	51	60	52	42	28	37	27	40	32	21
UPPER SOUTHERN ANNAPOLIS POLICE BRKS 04	17	MAX	68	64	66	74	70	78	78	69	51	52	50	46	46	52	60
		OBS															
		MIN	45	34	34	52	58	54	54	50	42	40	36	34	40	33	26
BALTIMORE WSO ARPT	MID	MAX	64	64	72	73	71	77	77	60	50	51	50	47	45	46	51
		MIN	35	31	37	55	51	50	52	50	30	27	30	28	39	26	23
BELTSVILLE	08	MAX	66	64	65	71	74	74	77	78	53	50	52	49	47	45	45
		MIN	40	29	32	39	58	49	50	52	44	29	31	30	31	37	23
DALECARLIA RESERVOIR	17	MAX	67	69	74	74	75	82	81	69	54	54	50	47	47	46	55
		MIN	51	32	32	59	61	50	54	42	43	39	39	31	39	33	23
GLENN DALE BELL STN	16	MAX	65	65	72	75	78	78	79	63	50	52	50	46	43	45	50
		MIN	49	27	35	53	57	49	55	50	36	25	37	26	39	28	19
LAUREL 3 W	MID	MAX	64	65	73	73	74	75	78	61	51	55	50	47	45	48	53
		MIN	47	42	46	57	59	61	59	49	39	33	36	35	39	30	31
NATIONAL ARBORETUM DC	07	MAX	67	67	67	73	75	77	80	81	56	53	54	51	48	47	48
		MIN	40	32	33	41	59	53	55	52	43	29	30	30	32	38	22
UPPER MARLBORO 3 NNW	08	MAX	70	66	67	73	75	78	80	79	55	50	53	51	48	44	45
		MIN	38	29	29	37	57	54	50	52	44	28	28	28	29	35	22
NORTHERN EASTERN SHORE 05																	
CHESTERTOWN	23	MAX	65	65	72	75	73	78	76	60	51	54	51	48	45	45	52
		MIN	36	30	39	47	52	44	56	48	33	29	33	29	40	28	25
MILLINGTON 1 SE	18	MAX	63	64	72	75	72	78	76	70	51	54	51	47	43	46	52
		OBS	***			***											
		MIN	50	28	35	46	50	45	57	49	38	27	27	26	37	34	21
		OBS	***			***											
NORTHERN CENTRAL ABERDEEN PHILLIPS FIEL 06	16	MAX	64	63	67	73	73	74	74	73	50	51	50	49	47	46	50
		OBS						***						***	***		
		MIN	50	32	39	53	55	49	51	50	42	29	39	32	40	35	24
		OBS					***	***						***	***		
BALTIMORE CITY	MID	MAX	73	72	80	80	76	82	85	56	58	55	51	47	48	56	
		MIN	56	37	37	65	64	56	65	52	35	32	34	40	43	33	
CATOCTIN MOUNTAIN PARK	17	MAX	61	64	69	68	71	73	72	61	49	48	44	43	45	43	53
		MIN	50	40	50	58	57	55	55	45	33	32	32	30	36	29	29
CLARKSVILLE 3 NNE	17	MAX	63	66	72	73	72	78	77	71	50	53	49	47	45	46	52
		MIN	36	20	32	41	43	38	40	44	34	19	30	21	34	28	13
CONOWINGO DAM	MID	MAX	64	67	75	75	75	77	77	77	54	56	53	48	47	48	53
		OBS						50									
		MIN	38	32	39	49	48	46	48	48	31	29	31	28	41	36	32
		OBS															
DAMASCUS 2 SSW	22	MAX	60	63	70	70	70	75	75	60	49	49	47	44	42	42	49
		MIN	41	36	46	56	57	54	54	48	32	30	33	30	38	32	25
EMMITSBURG 2 SE	17	MAX	62	64	73	73	73	76	75	67	50	51	49	46	48	45	51
		OBS														***	
		MIN	42	26	38	47	56	45	53	47	38	22	33	24	39	31	15
		OBS														***	
FREDERICK POLICE BRKS	17	MAX	63	65	73	71	73	77	75	68	52	52	49	48	46	46	51
		MIN	51	38	43	55	58	55	57	48	41	30	39	30	38	35	23
		OBS															36

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	63	62	47	50	67	64	54	64	32	34	33	47	47	44	44	31	55.4
	33	32	38	29	37	44	40	22	26	25	23	28	27	38	31	23	37.6
PRINCESS ANNE	52	50	46			53											M
	29	28	35			36											M
SALISBURY	53	46	46	56	59	52	66	48	30	35	33	42	45	43	41	29	53.5
	33	30	34	30	46	35	39	21	23	23	21	19	32	36	28	20	35.6
SALISBURY FAA ARPT	53	47	45	57	58	58	67	30	30	33	32	42	45	44	39	29	52.6
	28	28	27	26	40	35	28	22	25	20	19	16	32	37	23	12	31.9
SNOW HILL 4 N	52	49	45	58	56	53	67	45	30	33	32	41	42	44	43	30	53.5
	29	28	33	25	46	35	43	21	24	22	18	16	31	37	30	14	34.4
CENTRAL EASTERN SHORE 02																	
ROYAL OAK 2 SSW	51	48	45	53	58	50	64	41	30	35	35	41	44	40	40	29	52.0
	33	33	36	31	45	39	41	22	24	19	19	20	32	36	27	22	36.2
VIENNA	51	51	47	52	59	56	64	45	29	33	33	43	41	41	36	29	53.6
								31								***	
	33	34	34	34	36	46	34	21	23	21	18	18	35	35	19	19	35.8

LOWER SOUTHERN 03																	
MECHANICSVILLE 5 NE	53	48	48	53	57	57	67	36	28	33	33	41	42	39	37	27	52.5
	31	31	31	30	44	38	36	20	24	17	14	15	31	33	26	19	34.2
UPPER SOUTHERN 04																	
ANNAPOLIS POLICE BRKS	55	58	54	56	58	56	55	50	35	38	38	41	44	42	40	27	53.9
													66				
	35	32	27	33	43	39	38	21	23	29	19	21	31	37	26	21	35.7
													19				
BALTIMORE WSO ARPT	55	46	44	54	53	57	64	26	30	33	32	39	41	39	37	26	50.8
	30	33	27	34	43	44	23	17	23	13	9	12	31	34	19	15	31.3
BELTSVILLE	52	55	47	44	52	56	66	58	26	30	35	35	41	43	39	30	52.2
	24	32	32	28	40	43	47	19	19	18	13	16	16	34	30	21	32.5
DALECARLIA RESERVOIR	54	50	46	55	56	54	66	36	31	32	35	42	44	41	38	27	53.3
	32	33	30	30	43	45	35	19	23	18	20	18	31	33	22	20	34.8
GLENN DALE BELL STN	55	48	45	54	55	55	65	33	30	36	34	42	42	38	37	25	51.8
	28	30	31	26	39	43	33	16	22	13	11	14	30	33	24	20	32.2
LAUREL 3 W	55	48	48	54	56	55	65	27	30	38	35	42	42	39	36	27	51.9
	34	35	35	31	38	45	25	18	21	20	20	23	30	33	20	20	35.8
NATIONAL ARBORETUM DC	55	57	50	48	53	57	67	60	28	38	34	36	44	45	40	33	54.5
	22	33	30	29	38	42	45	19	18	22	14	18	17	35	31	20	33.0
UPPER MARLBORO 3 NNW	52	55	49	46	56	57	66	66	27	30	37	36	42	43	39	37	53.9
	22	32	34	28	38	42	44	19	19	22	14	16	16	32	34	20	32.0
NORTHERN EASTERN SHORE 05																	
CHESTERTOWN	51	45	45	54	55	56	63	27	31	35	33	44	41	39	39	28	51.5
	32	34	29	32	42	43	24	17	21	17	13	16	30	35	21	18	32.0
MILLINGTON 1 SE	52	46	47	53	54	55	64	37	30	35	34	41	41	38	37	25	51.7
	28	29	33	27	42	40	37	18	18	14	10	11	29	34	25	18	31.7
NORTHERN CENTRAL 06																	
ABERDEEN PHILLIPS FIEL	53	53	46	52	53	52	61	39	35	38	38		42	42	39	27	52.5
							48		***	***	***						
	32	39	30	32	43	44	39	17	24	22	17	20	34	37	26	21	35.4
			***							***	***	***					
BALTIMORE CITY	57	49	49	58	59	62	67	35	34	35	40	46	45	46	44	37	56.1
	32	37	33	33	50	49	27	24	27	25	27	31	37	37	28	28	39.0
CATOCTIN MOUNTAIN PARK	48	44	40	45	48	56	55	22	27	31	37	36	40	34	34	21	47.8
	37	29	26	29	42	39	21	10	16	22	18	21	30	29	14	12	33.1
CLARKSVILLE 3 NNE	54	52	42	56	56	55	66	34	31	38	36	40	42	41	37	26	52.3
	20	34	26	24	36	38	34	10	17	4	4	6	27	32	24	16	26.6
CONOWINGO DAM	54	53	48	51	54	53	60	27	33	35	36	40	47	44	40	29	53.2

	31	32	28	28	44	44	27	21	22	19	17	16	28	32	19	19	32.4

DAMASCUS 2 SSW	51	45	42	52	54	54	61	23	24	31	31	37	40	34	33	25	48.5
	36	32	31	29	44	41	23	12	19	13	16	22	30	32	18	16	33.1
EMMITSBURG 2 SE	54	46	42	50	51	55	61	31	32	35	33	39	38	38	35	25	50.6
	26	29	32	24	40	37	31	13	21	12	8	11	26	29	21	17	30.1
FREDERICK POLICE BRKS	53	46	43	51	52	55	62	33	30	33	30	38	38	37	35	25	50.6
	32	40	32	33	42	43	33	16	20	21	14	18	32	33	23	18	35.2

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
MILLERS 4 NE	18	MAX	59	63	70	72	72	74	75	61	49	48	47	45	45	42	51
		MIN	50	36	47	52	56	51	57	45	36	28	35	26	38	31	21
ROCKVILLE 1 NE	MID	MAX	64	67	71	71	73	78	76	60	50	48	49	48	45	44	51
		MIN	41	32	43	59	59	54	60	50	36	31	34	30	39	28	25
WESTMINSTER POL BRKS	17	MAX	64	65	70	71	70	74	75	66	49	46	46	45	45	46	48
		MIN	44	36	47	53	55	54	57	43	35	32	33	34	30	28	25
		OBS		48													
WOODSTOCK	18	MAX	62	66	72	73	71	77	76	69	50	52	49	47	44	44	52
		MIN	45	28	38	54	56	51	58	49	40	26	27	26	38	34	19
APPALACHIAN MOUNTAIN CUMBERLAND 2	07	MAX	65	71	71	69	72	77	70	62	51	49	50	43	46	49	54
		MIN	29	30	34	54	53	49	51	36	26	26	28	28	29	21	21
		OBS			53												
CUMBERLAND POLICE BRK	17	MAX	65	66	67	65	69	74	72	59	53	47	46	41	46	45	50
		MIN	45	27	37	62	51	49	47	49	35	24	34	27	34	26	20
FROSTBURG 2	07	MAX	67	52	63	62	59	67	69	64	53	41	44	41	42	43	40
		MIN	44	38	37	54	54	51	57	47	29	25	27	28	28	27	24
HAGERSTOWN POLICE BRK	17	MAX	73	71	74	73	73	77	76	76	51	49	50	47	48	46	50
		MIN	35	36	34	59	58	53	57	46	31	25	37	26	27	23	20
SHARPSBURG 5 S	07	MAX	75	63	69	75	74	76	79	78	53	51	52	50	48	49	47
		MIN	39	29	29	44	52	50	51	53	41	25	26	27	27	25	20
ALLEGHENY PLATEAU OAKLAND 1 SE	08	MAX	65	62	62	59	63	69	64	55	45	43	42	44	46	41	51
		MIN	41	24	46	55	42	45	50	45	29	20	29	24	35	16	15
SAVAGE RIVER DAM	08	MAX	70	54	62	62	63	66	69	70	51	42	46	42	43	43	42
		MIN	37	30	31	47	48	47	46	46	33	25	26	28	28	26	23
DELAWARE																	
NORTHERN NEWARK UNIVERSITY FARM	01	MAX	63	66	69	74	69	73	72	69	52	52	47	48	44	46	51
		MIN	40	31	39	48	47	51	45	47	40	30	36	26	31	33	23
WILMINGTON WSO ARPT	MID	MAX	62	62	68	75	65	68	72	52	50	51	48	47	45	45	50
		MIN	42	34	41	50	53	45	50	49	32	30	31	27	41	27	24
WILMINGTON PORTER RSVR	MID	MAX	60	59	66	73	64	68	72	51	48	48	46	45	45	44	47
		MIN	42	39	44	51	53	47	51	47	38	36	33	31	40	32	29
SOUTHERN DOVER	02	MAX	67	64	68	72	73	73	75	75	50	50	50	50	47	43	50
		MIN	56	31	38	51	52	47	50	46	39	28	33	30	40	35	23
GREENWOOD 2 NE	07	MAX	68	65	65	66	74	74	76	77	56	49	50	49	45	43	43
		MIN	46	29	38	41	51	47	48	51	40	28	30	27	28	34	22
		OBS															
LEWES	17	MAX	68	65	69	75	75	76	77	71	54	52	49	47	46	46	52
		MIN	58	35	43	57	56	53	60	51	42	33	41	31	43	40	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	
MILLERS 4 NE	52	43	42	50	51	52	61	25	30	33	35	39	40	36	35	22	49.0
	33	33	29	30	42	41	25	13	20	13	11	19	31	32	18	15	32.7
ROCKVILLE 1 NE	52	46	43	54	54	59	64	26	28	31	34	40	42	38	35	27	50.6
	35	33	31	38	45	46	21	17	21	14	11	15	33	31	19	14	33.7
WESTMINSTER POL BRKS	49	51	42	51	51	53	62	33	29	31	32	38	41	37	33	28	49.7
	28	35	29	30	42	33	31	14	17	18	14	20	30	30	19	15	32.6
		***	***	***													
WOODSTOCK	54	47	43	55	54	54	65	31	30	35	34	41	43	39	37	25	51.3
	28	30	30	25	42	43	31	14	20	12	7	11	30	33	21	17	31.7
APPALACHIAN MOUNTAIN																	
CUMBERLAND 2	55	50	44	44	49	60	58	25	35	36	43	41	40	35	35	27	50.8
	26	29	29	31	39	38	14	14	12	11	12	19	32	20	16	16	28.2
CUMBERLAND POLICE BRK	52	56	40	42	48	59	58	22	31	31	39	41	40	40	37	26	49.3
	25	34	28	27	38	37	22	13	20	9	11	15	30	29	17	15	30.2
FROSTBURG 2	51	47	34	35	45	46	63	33	19	25	27	34	40	36	33	15	44.8
	25	31	22	21	31	38	33	8	9	8	8	12	19	29	13	8	28.5
HAGERSTOWN POLICE BRK	53	52	43	49	51	59	61	28	34	35	35	40	39	35	36	25	51.9
	28	34	29	35	41	41	27	16	21	12	13	16	31	32	20	17	31.6
SHARPSBURG 5 S	49	55	48	45	52	54	63	54	25	32	36	38	42	39	38	38	53.1
	20	28	24	25	36	38	38	12	13	11	10	13	16	31	28	15	28.9
ALLEGHENY PLATEAU																	
OAKLAND 1 SE	45	41	36	47	50	64	60	21	24	27	33	48	46	35	34	18	46.5
	24	26	22	21	36	36	18	7	17	5	7	11	31	30	10	5	26.5
SAVAGE RIVER DAM	47	46	46	46	42	47	66	36	23	27	27	35	40	38	35	18	46.6
	23	26	26	26	27	38	36	11	12	9	8	10	13	30	16	12	27.2
DELAWARE																	
NORTHERN																	
NEWARK UNIVERSITY FARM	51	45	42	44	42	59	64	38	30	33	35	40	41	42	37	28	50.5
	30	34	30	31	33	34	36	17	21	19	10	14	29	34	20	17	31.5
WILMINGTON WSO ARPT	51	46	44	54	53	56	64	26	29	33	31	38	43	40	37	26	49.4
	31	33	32	34	43	45	23	18	22	18	13	15	32	36	18	20	32.5
WILMINGTON PORTER RSVR	49	43	42	51	52	55	62	24	28	31	30	36	42	38	38	25	47.8
	33	35	32	34	42	44	22	18	20	17	18	21	32	34	18	18	33.9
SOUTHERN																	
DOVER	50	46	43	53	54	59	60	48	26	32	33	40	43	39	39	30	51.7
	33	33	31	32	42	41	44	19	20	19	20	15	26	35	25	18	33.9
GREENWOOD 2 NE	50	49	45	44	53	57	63	64	26	27	34	34	41	43	40	37	51.8
	24	31	34	28	36	39	41	20	20	18	14	14	15	34	36	17	31.6
														16			
LEWES	52	46	45	57	53	59	69	40	31	33	36	42	46	44	41	26	53.0
	35	36	35	31	47	41	40	24	24	26	20	21	36	40	26	20	37.8

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 ANNAPOLIS POLICE BRKS	04															
BALTIMORE WSO ARPT	R															
BELTSVILLE																
DALECARLIA RESERVOIR																
NATIONAL ARBORETUM DC																
UPPER MARLBORO 3 NNW																
NORTHERN EASTERN SHORE	05															
CHESTERTOWN																
MILLINGTON 1 SE																
NORTHERN CENTRAL CATOCTIN MOUNTAIN PARK	06															
CLARKSVILLE 3 NNE																
CONOWINGO DAM																
DAMASCUS 2 SSW																
EMMITSBURG 2 SE																
FREDERICK POLICE BRKS																
MILLERS 4 NE																
ROCKVILLE 1 NE																
WESTMINSTER POL BRKS																
WOODSTOCK																
APPALACHIAN MOUNTAIN	07															
CUMBERLAND POLICE BRK																
FROSTBURG 2																
HAGERSTOWN POLICE BRK																
SHARPSBURG 5 S																
ALLEGHENY PLATEAU OAKLAND 1 SE	08															
SAVAGE RIVER DAM																
DELAWARE																
NORTHERN WILMINGTON PORTER RSVR	01															

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 SALISBURY FAA ARPT 01								T	.4	T	T	T			T	.4
SNOW HILL 4 N									.5	T	T	T				.2
CENTRAL EASTERN SHORE ROYAL OAK 2 SSW 02									T	T	T	T				T
LOWER SOUTHERN MECHANICSVILLE 5 NE 03								T	.4	T	T	T				.4
UPPER SOUTHERN ANNAPOLIS POLICE BRKS 04								T	.5	T	T	T				.5
BALTIMORE WSO ARPT R								T	1	T	T	T				1
BELTSVILLE								3.0	.5	1	T	T				T
DALECARLIA RESERVOIR									1	1	T	T				T
NATIONAL ARBORETUM DC									3	2	1	1	1			T
UPPER MARLBORO 3 NNW									1.0	1	T	T				T
NORTHERN EASTERN SHORE CHESTERTOWN 05									.5	T	T	T				T
MILLINGTON 1 SE								2.0	1	T	T	T				T
NORTHERN CENTRAL CATOCTIN MOUNTAIN PARK 06								2	.3	1	1	1	T			T
CLARKSVILLE 3 NNE								T	.2	-	-	-		2.0	1	T
CONOWINGO DAM									1	-	-	-		2		T
DAMASCUS 2 SSW		T							2.5	1	1	T	T			T
EMMITSBURG 2 SE									2	1	1	T	T			T
FREDERICK POLICE BRKS									T	T	T	T				T
MILLERS 4 NE								T	T	T	T	T				T
ROCKVILLE 1 NE								T	-	-	-	-				T
WESTMINSTER POL BRKS								1.0	1.0	-	-	-				T
WOODSTOCK								1	1	1	T	T	T			T
APPALACHIAN MOUNTAIN CUMBERLAND POLICE BRK 07									.5	1	T	T	T			T
FROSTBURG 2		T	1.0						3	2	2	2	T			T
HAGERSTOWN POLICE BRK		T	1	T					3	2	2	2	1			T
SHARPSBURG 5 S									.5	T	T	T				T
ALLEGHENY PLATEAU OAKLAND 1 SE 08									T	T	T	T				T
SAVAGE RIVER DAM		2.8	2.0				.3	T	1	1	T	T	T		3.3	1.3
		-	-	-	-	-		T	2	1	-	-	-		3	-
			2	1	-	-									1	T
DELAWARE																
NORTHERN WILMINGTON PORTER RSVR 01								2.0	2.0	-	-	-	-	-	-	-

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																
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15		
SOUTHERN DOVER	02	SNOWFALL SN ON GND																

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

SNOWFALL AND SNOW ON GROUND (INCHES)

STATION	DAY OF MONTH															
	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
SOUTHERN DOVER 02									.5 1	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.

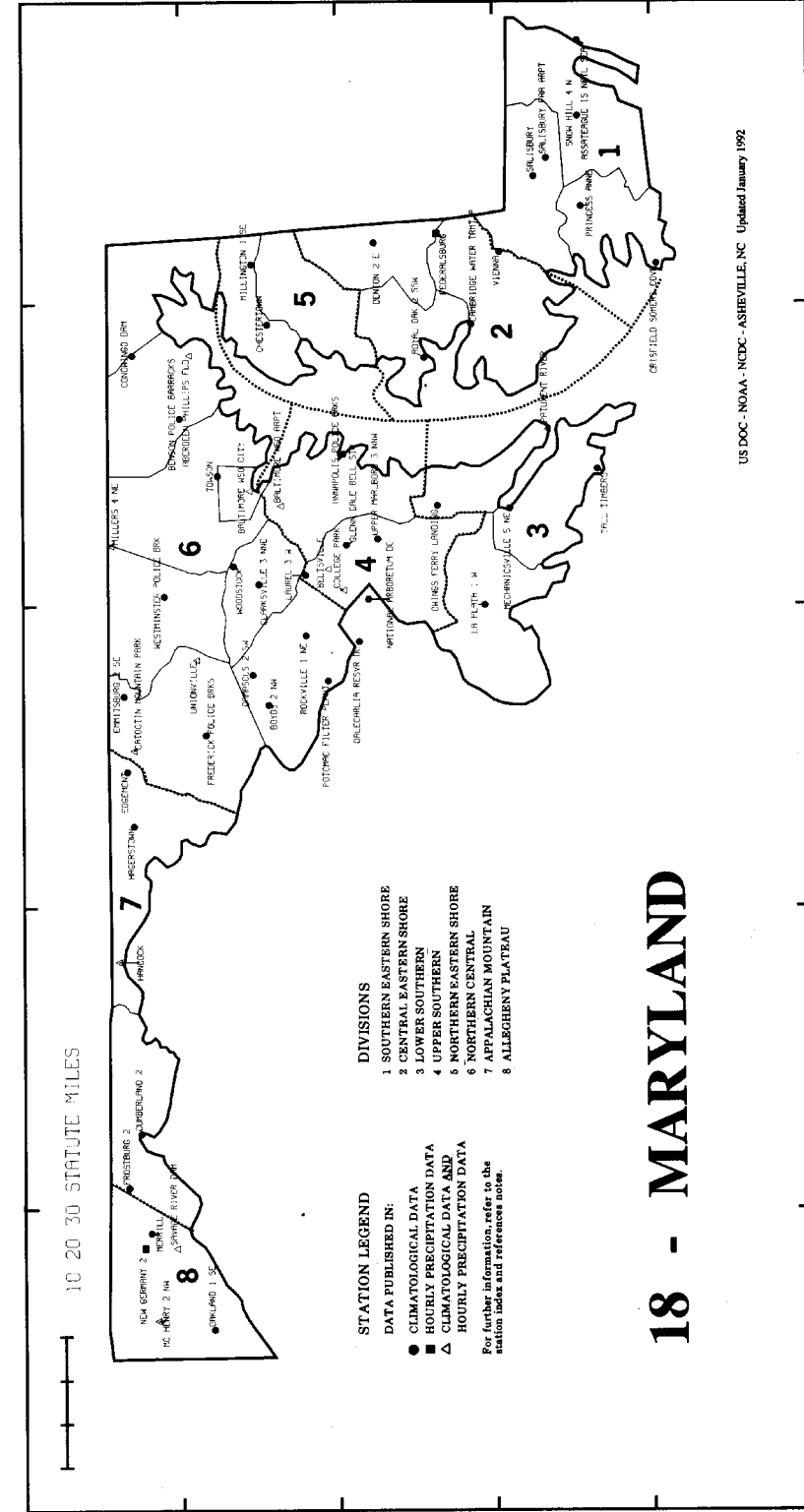
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36.0

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-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
-76.0

-75.5

-75.0

38.0

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