

# CLIMATOLOGICAL DATA

## MARYLAND AND DELAWARE

JANUARY 1984

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28801

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# TEMPERATURE AND PRECIPITATION EXTREMES

MARYLAND AND  
DELAWARE  
JANUARY 1984

MARYLAND  
HIGHEST TEMPERATURE 64  
LOWEST TEMPERATURE -20  
GREATEST TOTAL PRECIPITATION 5.56  
LEAST TOTAL PRECIPITATION .55  
GREATEST 1 DAY PRECIPITATION 1.67  
GREATEST TOTAL SNOWFALL 26.3  
GREATEST DEPTH OF SNOW OR ICE 15

DELAWARE  
HIGHEST TEMPERATURE 62  
LOWEST TEMPERATURE -15  
GREATEST TOTAL PRECIPITATION 5.77  
LEAST TOTAL PRECIPITATION 1.25  
GREATEST 1 DAY PRECIPITATION 1.82  
GREATEST TOTAL SNOWFALL 11.0  
GREATEST DEPTH OF SNOW OR ICE 5

JANUARY 26  
JANUARY 22

JANUARY 10  
JANUARY 31

JANUARY 26  
JANUARY 22

JANUARY 11  
JANUARY 20+

BALTIMORE WSO CI R  
UNIONVILLE  
ASSATEAGUE STATE PARK  
OWINGS FERRY LANDING  
PATUXENT RIVER  
OAKLAND 1 SE  
MC HENRY 2 NW

LEWES  
MIDDLETOWN 1 HSW  
LEWES  
WILMINGTON WSO AP R  
GEORGETOWN 5 SW  
MILFORD 2 HSW  
3 STATIONS

# MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

MARYLAND AND  
DELAWARE  
JANUARY 1984

STATION	TEMPERATURE (°F)											PRECIPITATION (IN)											
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	HEATING DEGREE DAYS	COOLING DEGREE DAYS	NO. OF DAYS				TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	SNOW SLEET				
											90 OR ABOVE	32 OR BELOW	32 OR BELOW	0 OR BELOW					TOTAL	MAX. DEPTH ON GROUND	DATE	.10 OR MORE	.50 OR MORE
MARYLAND																							
SOUTHERN EASTERN SHORE 01																							
ASSATEAGUE STATE PARK	42.5	22.1	32.3		59.27		7.22	1008	0	0	530	0	5.56		1.49	11		1.1	M	116	9	4	2
PRINCESS ANNE	42.2	23.0	32.6	-3.0	58.27+		7.22	998	0	0	528	0	4.52	1.19	1.44	11		M	M	116	7	3	1
SALISBURY	41.7	24.4	33.1	-3.6	59.27+		7.22	982	0	0	428	0	3.65	1.13	1.37	11		M	M	117+	5	3	1
SALISBURY FAA AP	41.5	24.3	34.3	-3.8	60.27+		7.22	945	0	0	528	0	3.17	1.21	1.17	10		M	T	117+	8	2	2
SNOW HILL 4 N	41.5	23.3	32.4	-3.6	59.27		7.22	1002	0	0	528	0	4.12	1.49	1.48	11		M	T	117+	5	3	2
-- DIVISIONAL DATA ----->																							
CENTRAL EASTERN SHORE 02																							
CAMBRIDGE WTR TRMT PL	39.4	23.4	31.4	-3.3	59.27		2.22	1036	0	0	728	0	3.01	1.48	1.20	11		6.0	M	0	8	1	1
DENTON 2 E	37.6	21.2	29.4	-4.7	57.26		1.22	1097	0	0	829	1	1.95	1.37	.81	11		M	M	421+	7	1	0
ROYAL OAK 2 SSW	37.9	22.5	30.2	-4.8	56.26		1.22	1070	0	0	829	1	2.43	1.01	.86	11		M	M	421+	5	1	0
VIENNA	39.9	23.1	31.5	-4.4	57.27		1.22	1030	0	0	428	0	3.73	1.21	1.03	11		M	M	421+	5	3	1
-- DIVISIONAL DATA ----->																							
LOWER SOUTHERN 03																							
LA PLATA 1 W	38.6	22.0	30.3	-4.3	59.26		8.22	1067	0	0	828	1	2.10	1.04	.60	18+		6.7	M	422+	5	3	0
MECHANICSVILLE 1 SE	39.7	24.3	32.0		59.27		0.22	1015	0	0	527	1	2.04					M	M	422+	3	0	0
OWINGS FERRY LANDING	35.1M	19.3M	27.2M	-7.3	50.4		7.22	1164	0	0	1429	1	1.55	2.59	.33	17		7.6	M	526+	2	0	0
PATUXENT RIVER	40.0M	24.8M	32.4M		63.26		5.22	1002	0	0	626	0	3.23		1.67	10		4.9	M	320+	6	1	1
-- DIVISIONAL DATA ----->																							
UPPER SOUTHERN 04																							
ANNAPOLIS POLICE BRKS	38.7	22.0	30.4		58.27+		8.22	1068	0	0	728	2M	1.33		.57	11		8.8	M		4	1	0
BALTIMORE WSO AP	36.9	20.1	28.5	-4.2	60.26		7.22	1123	0	0	1029	3	1.96	1.04	.82	10		8.4	M	423+	4	2	0
BELTSVILLE	36.8	17.4	27.1	-4.2	60.27		1.22	1169	0	0	1130	4	1.43	1.48	.54	11		7.5	M	520+	5	1	0
COLLEGE PARK	37.7	20.4	29.1	-4.9	62.27		7.22	1104	0	0	1129	2	1.52	1.49	.54	11		6.8	M	523+	5	1	0
DALECARLIA RESVR D C	40.0	20.8	30.4	-3.5	63.26		3.22	1066	0	0	629	1	1.20	1.87	.42	18		7.0	M	519+	4	0	0
GLENN DALE BELL STN	40.2	17.1	28.7	-4.5	62.27		8.22	1121	0	0	731	3	1.89	1.17	.75	11		9.0	M	522+	6	1	0
LAUREL 3 W	40.3	18.5	29.4	-4.0	63.26		7.22	1098	0	0	629	2M	1.33		.61	10		8.0	M	110	3	1	0
NATIONAL ARBORETUM D C	39.3	19.1	29.2	-5.6	61.27		4.22	1102	0	0	1029	2	1.81	1.36	.81	11		8.7	M	422+	6	1	0
UPPER MARLBORO 3 NNW	38.4	17.9	28.2		60.27		1.22	1133	0	0	1129	4	1.83	1.45	1.03	11		7.1	M	623+	4	1	1
-- DIVISIONAL DATA ----->																							
NORTHERN EASTERN SHORE 05																							
CENTREVILLE	40.3	17.9	29.1		58.27		1.32	1106	0	0	431	1	1.75		.56	18		7.0	M	521+	4	2	0
CHESTERTOWN	35.9	20.4	28.2	-4.9	57.26		7.22	1136	0	0	1130	2	2.27	1.01	.78	10		6.7	M	521+	5	1	0
MILLINGTON 2 NNW																		M	M				
-- DIVISIONAL DATA ----->																							
NORTHERN CENTRAL 06																							
ABERDEEN PHILLIPS FLD	36.6	21.1	28.9		57.27+		1.22	1113	0	0	1030	1	1.16		.49	11		8.0	M	520+	3	0	0
BALTIMORE WSO CI	36.8	24.6	30.7	-4.8	64.26		8.22	1054	0	0	1126	0	1.56	1.51	.58	10		8.4	M	523+	4	1	0
BENSON POLICE BARRACKS	37.5	16.6	27.1	-4.1	60.26		1.22	1168	0	0	931	3	1.64	1.79	.41	11		10.2	M	523+	6	0	0
BOYDS 2 NW	36.9	20.9	28.9		58.26		2.22	1113	0	0	828	2	1.03		.26	18+		9.0	M	618	4	0	0
CATOCTIN MOUNTAIN PARK	33.2	18.7	26.0		51.27		5.21	1204	0	0	1527	3	1.50		.43	24+		10.8	M	822+	4	0	0
CLARKSVILLE 3 NNE	37.9	16.5	27.2		61.26		1.82	1164	0	0	831	4	1.41		.43	18		10.9	M	519+	4	0	0
CONOWINGO DAM	34.5	17.7	26.1	-4.1	53.26		9.22	1199	0	0	1131	3	1.37	1.96	.55	18		9.8	M	620+	4	1	0
DAMASCUS 2 SW	34.8	20.4	27.6		57.26		2.21	1152	0	0	1128	2	1.71		.50	18		10.5	M	820+	5	1	0

SEE REFERENCE NOTES FOLLOWING STATION INDEX

# MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

MARYLAND AND  
DELAWARE  
JANUARY 1984

STATION	TEMPERATURE (°F)											PRECIPITATION (IN)													
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	HEATING DEGREE DAYS	COOLING DEGREE DAYS	NO. OF DAYS				TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	SNOW, SLEET			NO. OF DAYS			
											90 OR ABOVE	32 OR BELOW	32 OR BELOW	0 OR BELOW					TOTAL	MAX DEPTH ON GROUND	DATE	.10 OR MORE	.50 OR MORE	1.00 OR MORE	
EMMITSBURG 2 SE	35.1	16.9	26.0		53	27	-13	22	1203	0	0	10	29	3	2.44		.50	18	14.5	6	18	8	1	0	
FREDRICK POLICE BRKS	36.8	20.9	28.9		56	27+	-10	22	1116	0	0	9	28	2	2.04		.55	14	8.5	7	18	6	2	0	
PARKTON 2 SW	34.4	16.7	25.6		56	27	-9	22	1214	0	0	12	31	3	2.01		.68	10	12.1	6	22+	5	1	0	
TOHSON	36.6	14.9	25.9		60	26	-8	22	1207	0	0	10	31	3	2.47		.58	18	M	M	6	22+	7	1	0
UNIONVILLE	36.4	14.3	24.9	-4.6	56	27	-2	20	1239	0	0	9	31	5	1.19	-.84	.41	24	7.1	5	18	4	0	0	
WESTMINSTER POLICE BRK	35.7	20.4	28.1	-2.0	63	26	-1	23	1136	0	0	11	29	2	1.56		.48	11	10.5	9	18	4	0	0	
WOODSTOCK	37.3	18.8	28.1	-3.3	60	26	-1	22	1137	0	0	8	31	3	1.89		.53	18	10.5	6	19+	6	1	0	
-- DIVISIONAL DATA -->			27.3	-4.3											1.70	-1.43			10.2						
APPALACHIAN MOUNTAIN 07																									
CUMBERLAND 2	37.5	17.8	27.7	-3.2	61	26	-6	22	1151	0	0	9	31	3	1.12	-1.41	.35	24	11.5	5	22+	4	0	0	
FROSTBURG 2	31.1	14.6	22.9		52	27	-10	22	1299	0	0	17	31	4	1.40		.49	31	23.5	11	31	4	0	0	
HAGERSTOWN	34.6	19.8	27.2	-3.4	55	27+	-8	22	1165	0	0	13	28	2	1.32	-1.48	.36	24	9.2	7	19+	5	0	0	
HANCOCK FRUIT LAB	36.5	16.3	26.4	-2.8	59	26	-14	22	1188	0	0	8	30	4	1.98	-1.23	.46	30	9.0	4	23+	4	0	0	
-- DIVISIONAL DATA -->			26.1	-4.0											1.31	-1.44			14.7						
ALLEGHENY PLATEAU 08																									
MC HENRY 2 NW	29.6	13.2	21.4		50	27	-15	22	1346	0	0	18	31	5	2.12		.77	31	25.0	15	31	6	1	0	
OAKLAND 1 SE	33.9	14.9	24.4	-1.8	53	26	-17	21	1253	0	0	12	30	5	1.79	-2.00	.35	31	26.3	13	31	6	0	0	
SAVAGE RIVER DAM	32.5	14.1	23.3	-3.1	54	27	-12	22	1283	0	0	13	31	6	1.00	-1.60	.33	31	M	5	31	3	0	0	
-- DIVISIONAL DATA -->			23.0	-2.5											1.64	-1.89			25.7						
DELAWARE NORTHERN 01																									
MIDDLETOWN 1 WSW	36.0	17.9	27.0		52	27	-15	22	1172	0	0	7	31	4	1.36		.48	11	7.7	5	19	5	0	0	
NEWARK UNIVERSITY FARM	37.0	18.5	27.8	-3.9	56	26	-10	22	1148	0	0	7	31	2	.88		.44	11	2.9	T	3	0	0	0	
WILMINGTON WSO AP	33.6	16.0	24.8	-6.4	54	27+	-14	22	1240	0	0	12	31	5	1.25	-1.86	.44	10	9.7	5	20+	4	0	0	
WILMGTN PORTER RESVR	34.0	18.9	26.5	-4.3	55	26	-3	22	1189	0	0	13	31	2	1.53	-1.76	.58	10	9.0	5	18	4	1	0	
-- DIVISIONAL DATA -->			26.5	-5.1											1.38	-1.75			7.3						
DELAWARE SOUTHERN 02																									
BRIDGEVILLE 1 NW	38.8	22.1	30.5	-3.8	57	26	-1	22	1063	0	0	6	29	1	2.65	-.76	1.05	11	6.0	3	16	7	1	1	
DOVER	38.8	22.3	30.6	-3.8	58	27+	-4	22	1057	0	0	6	28	1	2.01	-1.23	.77	11	7.3	4	19	7	1	0	
GEORGETOWN 5 SW	37.3	21.1	29.2	-5.0	57	28+	-1	22	1100	0	0	9	30	1	3.39	.04	1.82	11	6.1	2	19+	4	3	1	
LEWES	40.4	24.1	32.3	-2.3	62	26	6	22	1007	0	0	5	27	0	5.77	2.30	1.70	11	2.0	0	0	10	6	1	
MILFORD 2 WSW	39.3	22.0	30.7	-3.6	59	27+	-4	22	1058	0	0	5	28	1	2.59	-.80	1.10	11	11.0	4	19	6	1	1	
-- DIVISIONAL DATA -->			30.7	-3.8											3.28	-.15			6.5						

SEE REFERENCE NOTES FOLLOWING STATION INDEX

# DAILY PRECIPITATION (INCHES)

MARYLAND AND  
DELAWARE  
JANUARY 1984

STATION	TOTAL	DAY OF MONTH														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
<b>MARYLAND</b>																
<b>SOUTHERN EASTERN SHORE 01</b>																
ASSATEAGUE STATE PARK	5.56						.40				.39	1.49			.15	
PRINCESS ANNE	4.52					.02	.14				.45	1.44			.08	
SALISBURY	3.65					.01	.07	T			.32	1.37			.03	
SALISBURY FAA AP	3.17					.01	.10				1.17	.17	T	T	.10	
SNOW HILL 4 N	4.12					.01	.06				.20	1.48			.02	
<b>CENTRAL EASTERN SHORE 02</b>																
CAMBRIDGE WTR TRMT PL	3.01					.04	.03				.23	1.20			.06	
DENTON 2 E	1.95						T				.81					.07
ROYAL OAK 2 SSW	2.43					.05	.01			.22	.35	.86			.10	
VIENNA	3.73						.89				.37	1.03		.02		
<b>LOWER SOUTHERN 03</b>																
LA PLATA 1 W	2.10					T	T				.50	.60		T	.05	
MECHANICSVILLE 1 SE	2.04					.10	.05				.40	.40				
OWINGS FERRY LANDING	.55										.07				.15	
PATUXENT RIVER	3.23				T	.02	.03				1.67	.08	T	.04	.05	
<b>UPPER SOUTHERN 04</b>																
ANNAPOLIS POLICE BRKS	M 1.33						.03	.01			.21	.57	T		.11	
BALTIMORE WSO AP	R 1.96				.02		.01				.82	.04		.05	.02	
BELTSVILLE	1.43					T	T				.54					
COLLEGE PARK	1.52					T	T	T			.54				.08	
DALECARLIA RESVR D C	1.20						.01				.20	.39				
GLENN DALE BELL STN	1.89						.01				.15	.75			.10	
LAUREL 3 W	M 1.33				T						.61	T		.08		
NATIONAL ARBORETUM D C	1.81											.81			.20	T
UPPER MARLBORO 3 NNW	1.83					T	T					1.03			.02	
<b>NORTHERN EASTERN SHORE 05</b>																
CENTREVILLE	1.75										.40	.50				
CHESTERTOWN	2.27				T	.03	.03				.78	.05		.02	.02	
MILLINGTON 2 HNW	M															
<b>NORTHERN CENTRAL 06</b>																
ABERDEEN PHILLIPS FLD	R 1.16				T						.04	.49				
BALTIMORE WSO CI	1.56				.02						.58	.02		.05	.02	
BENSON POLICE BARRACKS	1.64				.02	.01	T				.19	.41			.09	
BOYDS 2 NW	1.03										.22	.26				
BRIGHTON DAM	1.38				T			T			.50			.08		
CATOCTIN MOUNTAIN PARK	1.50										.12	.32		.01	.04	
CLARKSVILLE 3 NNE	1.41							T			.25	.27			.05	
CONOHINGO DAM	1.37				.05			T			.34	T			T	
DAMASCUS 2 SW	1.71						T	T	T		.30	.34		T	.08	
EMMITSBURG 2 SE	2.44					T	T	T			.28	.30		T	.10	
FREDRICK POLICE BRKS	2.04				T						.10	.25			.55	
FREDERICK 3 E	1.67								T			.82			.08	
PARKTON 2 SW	2.01				.15						.68	T		.02		
POTOMAC FILTER PLANT	M 1.49										.58			.16		
TOWSON	2.47										.26	.30			.05	
UNIONVILLE	M 1.19										.26	.35			.05	
WESTMINSTER POLICE BRK	1.56										.10	.48			.08	
WOODSTOCK	1.89					.06	.02				.21	.38			.13	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

# DAILY PRECIPITATION (CONT)

MARYLAND AND  
DELAWARE  
JANUARY 1984

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 STATE PARK	.11		.72	.75					.34	1.19						
PRINCESS ANNE		.04	.82	.29			.04		.10	1.02		.01		.02		.07
SALISBURY	.08		.70	.20					.08	.78						.01
SALISBURY FAA AP	.09		.68	.21					.28	.26				T	.09	.01
SNOW HILL 4 N	.02		.88	.31					.04	1.05				.01		.04
CENTRAL EASTERN SHORE 02																
CAMBRIDGE WTR TRMT PL	.12		.47	.18					.10	.40						.18
DENTON 2 E			.39	.19					.08	.13						.06
ROYAL OAK 2 SSW	.09		.46	.20					.05	.12						.14
VIENNA	*	.50		.25						.67				T		
LOWER SOUTHERN 03																
LA PLATA 1 W	.05		.60	.11					.04						.02	.13
MECHANICSVILLE 1 SE	*	*	*	1.00									.09	T		
OWINGS FERRY LANDING		.33						T								
PATUXENT RIVER	.10		.32	.11					.46	.06				.01	.28	
UPPER SOUTHERN 04																
ANNAPOLIS POLICE BRKS									.19	.03	T	T			.09	.09
BALTIMORE WSO AP	R .06	T	.58	.04					.22					T	.10	
BELTSVILLE		.13	T	.45					.11	.14						.06
COLLEGE PARK	.01	.10	.05	.43					.11	.13				T		.07
DALECARLIA RESVR D C	.10		.42		.05										.03	
GLENN DALE BELL STN	.08		.42	.10					.12	.09				T		.05
LAUREL 3 H	.10		.48	.06											T	
NATIONAL ARBORETUM D C	T	.11		.45				.10	.10						T	.04
UPPER MARLBORO 3 NNW		.13		.46					T	.15						.04
NORTHERN EASTERN SHORE 05																
CENTREVILLE	.09		.56						.05							.15
CHESTERTOWN	.06		.42	.10					.30						T	.46
MILLINGTON 2 WNW																
NORTHERN CENTRAL 06																
ABERDEEN PHILLIPS FLD	.08	T	.33	T					T	.14					T	.08
BALTIMORE WSO CI	R .05		.46	.03					.20						.13	
BENSON POLICE BARRACKS	.05	.04	.35	.06					.15	.10						.17
BOYDS 2 NW	.08		.26						.18							.03
BRIGHTON DAM	.07		.40	.08					.15							
CATOCTIN MOUNTAIN PARK	.02		.43						.43					T	.10	
CLARKSVILLE 3 NNE	.08	T	.43	.07					.12					.05	.08	
CONOWINGO DAM	T		.55	.12					.22	.01				T	.08	.06
DAMASCUS 2 SW	.10	T	.50	.05					.24					.01	.04	.05
EMMITTSBURG 2 SE	.20	T	.50	T					.46					.45	.05	.10
FREDRICK POLICE BRKS	.10	T	.50						.42	.03					.04	.05
FREDERICK 3 E		.08	.13	.18					.28	.02					T	.08
PARKTON 2 SW	.05	.03	.48	.08					.34					.03	.15	T
POTOMAC FILTER PLANT	T		*	.62					.13							
TOWSON	.20	.02	.58	.45					.36							.25
UNIONVILLE	.10	T							.41					.01	.01	
WESTMINSTER POLICE BRK	.07		.41	T					.35							.07
WOODSTOCK	.08		.53	.06					.24					T	.10	.08

SEE REFERENCE NOTES FOLLOWING STATION INDEX

# DAILY PRECIPITATION (INCHES)

MARYLAND AND  
DELAWARE  
JANUARY 1984

STATION	TOTAL	DAY OF MONTH														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
APPALACHIAN MOUNTAIN CUMBERLAND 2	07															
EDGEMONT	1.12															
FROSTBURG 2	1.44															
HAGERSTOWN	1.40															
HANCOCK FRUIT LAB	1.32															
	1.38															
ALLEGHENY PLATEAU	08															
MC HENRY 2 NW	2.12															
MERRILL	1.17															
OAKLAND 1 SE	1.79															
SAVAGE RIVER DAM	1.00															
DELAWARE																
NORTHERN MIDDLETOWN 1 WSW	01															
NEWARK UNIVERSITY FARM	1.36															
WILMINGTON WSO AP	.88															
WILMGTN PORTER RESVR	1.25															
	1.53															
SOUTHERN																
BRIDGEVILLE 1 NW	02															
DOVER	2.65															
GEORGETOWN 5 SW	2.01															
LEWES	3.39															
MILFORD 2 WSW	5.77															
	2.59															

SEE REFERENCE NOTES FOLLOWING STATION INDEX

# DAILY PRECIPITATION (CONT)

MARYLAND AND  
DELAWARE  
JANUARY 1984

STATION	DAY OF MONTH															
	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
APPALACHIAN MOUNTAIN 07																
CUMBERLAND 2		T	T	.17												
EDGE MONT		.05	.02	.28					.35	.03					.05	.28
FROSTBURG 2		.02	.08	.18	T	T			.32	.17				.01	.02	.05
HAGERSTOWN	T		.27						.23	.07		T		T	.11	.49
HANCOCK FRUIT LAB	.12	T							.36					T	T	T
	.06		.17						.33					.02	.46	
ALLEGHENY PLATEAU 08																
MC HENRY 2 NW	T	.07	.07	.16	T				.33	T			T	.04	.21	.77
MERRILL	.05		.10	.05					.24						.10	.42
OAKLAND 1 SE	.06	.09	.26	.05					.24					.15	.19	.35
SAVAGE RIVER DAM	.01	.01	.09	.14					.26	.02				T	.06	.33
DELAWARE																
NORTHERN 01																
MIDDLETOWN 1 WSW	.02		.23	.11					.04	.26						.08
NEWARK UNIVERSITY FARM	T		.01	.01											.01	.22
WILMINGTON WSO AP	.04	T	.29	.08					.10	T				T	.14	T
WILMGTN PORTER RESVR			.27						.17						.31	
SOUTHERN 02																
BRIDGEVILLE 1 NW	.12		.42	.18					.15	.31				T		.07
DOVER	.12	T	.35	.20					.05	.19						.11
GEORGETOWN 5 SW		.15	.60	.60					.06	.70						.03
LEWES	.90		.60	.30					.12	.50						.10
MILFORD 2 WSW	.08		.47	.22					.11	.16						

SEE REFERENCE NOTES FOLLOWING STATION INDEX



# DAILY TEMPERATURES (°F)

MARYLAND AND  
DELAWARE  
JANUARY 1984

STATION	DAY OF MONTH																															AVERAGE			
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31				
MARYLAND																																			
SOUTHERN EASTERN SHORE 01																																			
ASSATEAGUE STATE PARK	MAX	40	40	46	48	50	49	44	40	42	48	45	32	42	43	39	31	38	37	38	32	25	30	46	55	52	50	59	52	40	44	40	42.5		
	MIN	19	24	20	22	34	25	26	19	24	24	24	20	22	22	21	22	20	18	29	12	12	7	14	28	30	14	28	30	27	25	22	22.1		
	OBS																																		
PRINCESS ANNE	MAX	39	38	40	46	51	44	42	41	44	46	48	30	40	41	39	31	37	38	35	26	24	30	47	58	53	58	58	52	41	47	44	42.2		
	MIN	18	12	21	23	32	26	33	21	21	28	26	11	20	32	28	19	11	26	24	14	10	4	12	34	41	26	30	30	24	24	32	23.0		
	OBS																																		
SALISBURY	MAX	40	37	40	48	50	45	42	41	42	46	46	32	38	40	37	35	35	34	34	24	21	29	44	57	54	59	59	52	42	47	44	41.7		
	MIN	18	22	24	26	34	28	33	21	24	29	26	16	22	31	27	20	20	27	24	12	10	6	15	32	33	29	32	31	25	27	32	24.4		
SALISBURY FAA AP	MAX	43	40	43	51	53	50	44	43	43	51	59	28	41	42	34	30	39	39	37	26	24	32	47	60	60	60	60	40	43	48	42	43.4		
	MIN	20	24	24	31	30	31	29	20	25	31	23	19	27	34	24	22	20	31	21	15	9	7	16	34	39	30	31	30	27	28	29	25.2		
SNOW HILL 4 N	MAX	39	39	38	47	48	44	40	39	43	47	45	30	39	39	38	29	36	36	36	26	23	31	48	54	52	58	59	52	42	46	43	41.5		
	MIN	13	21	22	22	31	25	30	17	21	26	26	19	24	32	27	19	15	26	25	13	12	2	12	34	42	28	30	30	23	23	33	23.3		
CENTRAL EASTERN SHORE 02																																			
CAMBRIDGE WTR TRMT PL	MAX	33	37	40	45	46	44	44	39	39	45	43	32	34	34	32	29	33	33	32	27	24	28	38	43	45	56	59	55	41	47	45	39.4		
	MIN	21	21	21	27	34	29	34	18	17	27	25	13	19	30	28	19	17	25	25	13	9	2	10	32	35	28	31	30	26	26	32	23.4		
DENTON 2 E	MAX	35	33	37	45	48	41	39	36	38	44	40	24	32	38	34	33	31	31	30	24	19	27	39	45	43	57	55	45	39	43	40	37.6		
	MIN	15	19	24	27	33	28	28	18	21	28	24	14	18	29	20	13	18	18	16	7	5	-5	7	30	33	28	30	28	25	28	30	21.2		
ROYAL OAK 2 SSW	MAX	36	33	40	44	49	43	42	39	40	41	38	28	34	38	36	30	32	32	30	23	21	27	40	38	44	56	55	44	39	43	41	37.9		
	MIN	15	19	22	25	33	28	32	18	23	28	26	13	18	29	26	17	20	23	23	9	7	-4	10	32	33	27	30	29	26	27	32	22.5		
VIENNA	MAX	37	36	40	45	46	40	40	36	39	45	44	35	36	39	38	32	34	34	34	25	23	29	42	48	47	52	57	55	40	45	45	39.9		
	MIN	11	12	25	25	29	30	34	21	23	28	26	15	20	31	26	19	20	20	24	10	8	1	13	33	36	30	32	30	25	28	32	23.1		
	OBS																																		
LOWER SOUTHERN 03																																			
LA PLATA 1 W	MAX	39	33	43	50	48	47	43	44	41	39	37	27	30	41	34	29	34	30	29	24	22	26	38	38	47	59	58	44	41	44	39	38.6		
	MIN	10	20	25	23	34	31	33	17	21	29	23	12	20	28	27	17	21	24	19	6	8	-8	11	29	34	25	29	29	29	25	32	22.0		
MECHANICSVILLE 1 SE	MAX	40	35	43	49	48	49	49	43	40	40	39	28	33	40	37	30	37	35	31	33	25	25	36	39	55	58	59	39	40	41	35	39.7		
	MIN	19	23	29	24	34	39	35	25	19	24	24	13	23	29	28	21	27	21	21	25	10	9	0	15	32	35	31	32	27	29	27	25	24.3	
OWINGS FERRY LANDING	MAX	28	34	44	50	49	39	35	34	32	31	31	32	33	32	30	31	30	28	29	30	28	21	33	40	49	48	35	35	39	42	35.1			
	MIN	18	20	22	24	34	30	28	22	22	20	19	15	19	18	20	20	15	14	14	17	15	-7	2	15	28	30	34	20	25	29	30	19.3		
PATUXENT RIVER	MAX	39	38	45	53	50	48	41	48	41	45	28	34	41	33	31	33	33	32	27	23	27	38	43	49	63	52	43	39	44	39	40.0			
	MIN	22	23	27	28	33	35	30	21	25	37	25	18	21	32	25	19	18	28	18	13	9	5	16	33	35	30	32	30	28	27	27	24.8		
UPPER SOUTHERN 04																																			
ANNAPOLIS POLICE BRKS	MAX	37	34	41	45	46	46	42	41	37	38	36	35	34	43	38	27	31	30	29	26	24	26	35	37	53	58	58	55	38	41	38	38.7		
	MIN	14	20	23	24	34	29	34	18	25	24	24	13	17	29	26	19	23	21	23	0	5	-8	12	29	34	29	27	28	28	27	32	22.0		
BALTIMORE WSO AP	MAX	39	35	41	44	45	47	43	40	39	37	29	24	31	40	30	25	33	30	29	23	17	26	34	37	52	60	57	40	39	40	37	36.9		
	MIN	14	21	26	22	32	33	25	17	24	27	19	11	19	28	20	18	21	23	9	-1	-4	-7	6	31	33	29	26	27	26	25	24	20.1		
BELTSVILLE	MAX	30	38	34	40	46	45	47	38	41	39	37	29	26	31	39	30	28	34	29	27	27	14	27	40	38	53	60	55	37	41	41	36.8		
	MIN	8	17	22	18	27	28	33	16	18	26	22	9	10	22	25	14	18	21	25	-5	-4	-12	-7	7	32	25	24	25	24	24	27	17.4		
COLLEGE PARK	MAX	31	39	35	42	49	46	47	38	42	40	38	30	25	32	41	30	27	35	29	27	25	17	27	40	39	55	62	58	38	42	42	37.7		
	MIN	12	20	24	20	32	29	33	17	25	27	25	10	14	25	25	16	19	23	26	-2	4	-7	6	17	33	26	25	27	27	25	30	20.4		
DALECARLIA RESVR D C	MAX	39	38	43	49	47	46	46	43	42	39	38	27	26	40	39	35	38	34	32	26	23	28	42	37	53	63	58	46	42	43	37	40.0		
	MIN	12	20	21	21	31	27	32	24	23	19	24	7	19	25	21	16	23	22	21	5	5	-3	10	18	33	40	26	28	28	19	28	20.8		
GLENN DALE BELL STN	MAX	40	39	43	49	48	49	48	40	40	39	36	28	29	42	38	32	34	34	30	25	24	22	42	38	52	61	62	59	45	40	39	40.2		
	MIN	6	14	16	15	27	24	29	28	20	22	22	4	15	24	22	10	20	14	20	-8	0	-8	2	26	30	22	21	20	25	20	29	17.1		

SEE REFERENCE NOTES FOLLOWING STATION INDEX

# DAILY TEMPERATURES (°F)

MARYLAND AND  
DELAWARE  
JANUARY 1984

STATION	DAY OF MONTH																															AVERAGE		
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31			
LAUREL 3 W	MAX OBS MIN OBS	40 15	35 21	42 25	46 22	46 30	48 31	45 21	43 17	42 24	39 24	34 22	29 7	32 18	42 26	39 15	30 13	35 20	34 20	36 9	26 1	27 1	29 -7	41 -5	41 26	55 29	63 33	61 36	43 23	41 26	40 12	44 20	40.3 18.5	
NATIONAL ARBORETUM D C	MAX MIN	32 8	40 13	37 24	43 24	49 28	48 33	49 33	40 17	45 20	41 25	39 25	32 10	28 10	31 22	41 25	38 18	30 18	37 22	32 24	28 17	25 5	19 2	29 -4	42 -2	40 10	55 30	61 28	61 26	59 25	40 27	44 24	44 22	39.3 19.1
UPPER MARLBORO 3 NNW	MAX MIN	32 7	40 16	34 20	43 20	50 21	48 28	48 33	40 16	43 19	41 24	38 25	31 8	26 11	31 23	41 25	31 16	30 19	35 18	30 27	28 -3	27 -2	17 -12	30 -10	39 6	42 32	53 27	60 26	58 27	38 27	44 27	43 33	38.4 17.9	
NORTHERN EASTERN SHORE 05																																		
CENTREVILLE	MAX MIN OBS	39 10	35 16	40 20	49 20	45 30	43 26	41 29	40 14	39 29	41 24	39 20	37 8	39 15	40 20	35 19	34 7	32 14	34 20	32 9	33 7	31 1	23 -13	40 3	40 28	49 30	53 22	58 27	54 24	49 25	44 22	40 30	40.3 17.9	
CHESTERTOWN	MAX MIN	34 14	34 20	37 24	45 27	42 29	41 30	39 26	35 18	41 25	39 27	30 18	24 10	31 16	37 28	31 19	25 15	32 20	31 20	30 15	23 7	18 0	26 -7	33 6	40 31	49 33	57 31	54 28	40 26	38 25	41 26	35 25	35.9 20.4	
MILLINGTON 2 NNW	MAX MIN																																	
NORTHERN CENTRAL 06																																		
ABERDEEN PHILLIPS FLD	MAX OBS MIN OBS	35 ***	32 ***	37 ***	35 ***	40 ***	41 ***	40 ***	35 ***	41 ***	37 ***	36 ***	29 ***	30 ***	41 ***	39 ***	26 ***	31 ***	31 ***	31 ***	23 ***	21 ***	20 ***	37 ***	36 ***	50 ***	57 ***	57 ***	50 ***	38 ***	40 ***	38 ***	36.6 21.1	
BALTIMORE WSO CI	MAX MIN	37 22	34 26	42 30	42 27	45 36	47 35	47 27	41 24	37 30	29 29	23 13	30 20	41 26	30 21	25 17	32 24	29 25	28 17	24 11	16 11	25 8	36 18	36 31	55 34	64 36	59 35	42 28	37 28	39 32	37 24	36.8 24.6		
BENSON POLICE BARRACKS	MAX MIN	38 14	37 17	39 18	39 19	41 28	44 25	42 28	36 13	40 18	37 24	36 19	27 4	30 11	41 22	37 20	29 8	31 16	30 18	28 19	23 -3	20 -1	26 -10	39 8	37 30	50 30	60 32	58 26	55 26	35 26	40 25	38 32	37.5 16.6	
BOYDS 2 NW	MAX MIN	35 18	32 23	40 27	42 23	45 35	47 35	47 30	41 19	41 27	39 29	35 19	21 6	21 14	36 21	34 20	33 12	34 20	31 23	27 16	20 2	20 -2	24 11	39 25	37 32	52 32	58 33	54 32	50 25	37 25	38 24	36 25	36.9 20.9	
CATOCTIN MOUNTAIN PARK	MAX MIN	29 17	34 22	34 28	34 27	36 33	38 32	41 23	38 18	33 19	32 27	27 14	22 2	23 10	33 17	28 14	28 10	34 18	31 18	28 11	24 0	18 -5	18 -2	23 10	36 21	42 35	45 31	49 20	51 25	45 25	30 25	31 25	31 19	33.2 18.7
CLARKSVILLE 3 NNE	MAX MIN	38 9	33 19	41 22	42 17	47 31	42 27	45 31	42 14	42 19	38 26	36 24	24 6	29 16	34 24	34 31	29 11	34 13	32 16	29 20	23 11	19 -18	30 -3	40 28	37 23	52 28	61 23	56 21	53 25	38 20	38 25	34 19	37.9 16.5	
CONOWINGO DAM	MAX OBS MIN OBS	37 15	33 19	36 22	37 22	37 28	40 32	38 31	33 17	39 19	29 27	27 17	27 9	31 14	38 27	30 14	24 9	32 18	29 19	29 8	22 -3	22 -3	16 -9	24 3	35 27	35 28	50 28	53 26	51 23	38 23	35 23	38 23	34 22	34.5 17.7
DAMASCUS 2 SW	MAX MIN	34 16	31 22	37 29	40 24	41 34	47 34	40 25	38 20	37 25	40 30	32 16	19 4	23 14	35 20	30 18	24 11	33 21	29 23	26 15	20 2	18 -2	22 -1	35 12	37 28	50 32	57 31	52 33	45 24	36 24	37 24	33 24	34.8 20.4	
EMMITSBURG 2 SE	MAX MIN OBS	34 12	34 25	38 24	38 25	41 33	45 33	43 30	38 20	38 20	37 28	36 19	25 4	23 8	35 21	34 18	25 5	32 17	30 15	28 18	28 -2	18 -13	20 -19	28 -6	34 10	49 25	49 30	53 21	51 25	34 23	35 25	35 25	35.1 16.9	
FREDRICK POLICE BRKS	MAX MIN	36 14	34 24	40 30	39 24	44 35	48 34	46 22	40 25	39 25	49 30	35 21	23 5	38 15	37 23	27 13	34 20	32 24	29 22	20 7	20 0	28 -10	36 4	50 30	56 33	56 30	51 27	36 21	36 24	38 24	37 26	36.8 20.9		
PARKTON 2 SW //	MAX MIN	36 15	31 20	37 22	37 23	40 29	47 32	35 21	37 14	38 20	29 26	29 10	23 5	27 10	40 23	28 12	25 7	32 18	27 18	27 8	19 -7	13 -8	26 -9	38 5	37 29	49 30	55 29	56 29	36 22	33 22	36 22	33 20	34.4 16.7	
TOWSON	MAX OBS MIN OBS	36 ***	32 ***	39 ***	43 ***	46 ***	45 ***	40 ***	40 ***	40 ***	37 ***	36 ***	23 ***	30 ***	40 ***	36 ***	26 ***	31 ***	30 ***	28 ***	22 ***	21 ***	25 ***	40 ***	36 ***	52 ***	60 ***	56 ***	48 ***	35 ***	38 ***	35 ***	36.9 14.9	
UNIONVILLE	MAX MIN	35 9	36 20	39 24	39 18	42 30	45 27	40 28	40 15	39 18	38 32	32 17	20 0	22 11	37 21	33 12	28 5	33 19	30 14	29 13	20 -11	18 -15	23 -20	34 -6	36 10	49 28	55 19	56 16	43 21	35 23	37 19	35 25	35.4 14.3	
WESTMINSTER POLICE BRK	MAX MIN	32 17	32 23	38 27	40 26	41 29	43 32	42 29	36 18	37 23	40 29	36 21	30 5	27 12	34 21	34 18	25 10	32 20	32 22	27 16	18 3	21 -1	21 0	33 11	38 27	47 32	62 35	54 34	50 23	34 23	36 24	34 23	35.7 20.4	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

# DAILY TEMPERATURES (°F)

MARYLAND AND  
DELAWARE  
JANUARY 1984

STATION	DAY OF MONTH																															AVERAGE				
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31					
WOODSTOCK	MAX	38	33	40	40	42	46	43	40	40	38	36	25	29	40	34	27	33	31	28	22	20	28	40	37	52	60	55	48	37	38	35	37.3			
	MIN	11	20	24	20	31	29	28	15	23	28	22	7	15	24	21	10	20	20	19	-3	0	-13	2	29	30	29	24	25	25	22	27	18.8			
APPALACHIAN MOUNTAIN 07																																				
CUMBERLAND 2	MAX	37	38	40	45	42	44	41	40	37	41	31	26	25	40	36	30	35	31	26	27	20	30	39	40	50	61	58	49	36	35	33	37.5			
	MIN	21	27	28	32	32	30	18	20	26	17	3	3	18	20	15	17	21	12	2	-3	-6	9	28	28	23	23	25	28	24	18	17.8				
FROSTBURG 2	MAX	28	32	33	33	38	38	38	26	32	33	42	18	18	31	31	29	26	28	23	13	15	9	29	37	44	42	52	47	33	34	32	31.1			
	MIN	4	20	22	25	30	31	25	16	18	16	10	2	-1	11	18	10	13	16	9	-3	-8	10	11	12	29	29	31	18	19	21	19	14.6			
HAGERSTOWN	MAX	33	32	37	39	41	45	41	39	36	37	32	20	21	35	32	25	35	30	26	21	17	23	30	36	49	55	55	49	32	35	34	34.6			
	MIN	13	26	29	27	36	35	27	20	34	30	17	5	13	19	17	10	18	22	15	3	-5	-8	5	16	27	29	32	24	26	28	24	19.8			
HANCOCK FRUIT LAB	MAX	34	32	39	41	42	44	42	40	39	38	34	25	24	37	35	28	36	34	28	22	22	23	35	35	51	59	56	52	36	35	33	36.5			
	MIN	10	25	25	21	34	31	30	15	22	30	16	1	11	22	12	7	8	16	13	-5	-10	-14	-1	18	26	21	19	26	27	26	24	16.3			
ALLEGHENY PLATEAU 08																																				
MC HENRY 2 NW	MAX	23	36	33	30	36	36	33	25	32	42	38	12	17	30	28	22	26	23	24	12	11	3	28	43	42	40	50	47	30	34	32	29.6			
	MIN	-3	16	27	25	30	30	20	10	16	18	5	0	3	10	13	11	13	14	2	-6	-15	-15	3	23	32	30	30	15	15	22	15	13.2			
OAKLAND 1 SE	MAX	39	33	30	38	33	38	35	34	43	41	25	19	31	29	37	28	27	27	25	14	8	32	47	47	42	53	48	44	33	37	33	33.9			
	MIN	9	27	22	27	30	27	19	19	24	7	-8	9	2	14	8	2	1	16	4	-9	-17	-7	-4	29	34	24	15	18	25	23	15	14.9			
SAVAGE RIVER DAM	MAX	28	36	35	35	42	42	40	28	36	34	42	19	17	34	34	27	30	31	21	16	12	10	31	37	42	45	54	49	32	35	34	32.5			
	MIN	1	15	25	28	31	32	26	16	18	21	11	-1	0	15	19	13	15	16	8	-10	-11	-12	-7	7	29	26	21	21	21	23	21	14.1			
DELAWARE																																				
NORTHERN 01																																				
MIDDLETOWN 1 WSW	MAX	35	33	37	44	41	41	38	41	38	41	39	25	29	36	34	26	33	34	31	23	13	19	34	40	48	51	52	51	35	37	37	36.0			
	OBS																																			
	MIN	12	17	21	21	31	27	29	18	21	25	22	4	11	26	22	12	8	16	20	-3	-2	-15	-2	26	31	31	25	24	24	22	30	17.9			
	OBS																																			
NEWARK UNIVERSITY FARM	MAX	33	31	38	39	43	41	40	34	38	43	37	39	30	36	37	37	33	30	30	22	17	26	36	40	50	56	54	44	36	42	35	37.0			
	OBS																																			
	MIN	17	16	21	22	31	27	30	18	22	26	22	7	11	25	21	11	15	20	17	-7	1	-10	4	25	31	28	25	25	23	22	26	18.5			
	OBS																																			
WILMINGTON WSO AP	MAX	35	32	36	39	42	41	37	33	37	39	28	21	29	37	29	22	30	30	29	17	12	18	33	38	48	54	54	37	34	37	34	33.6			
	MIN	12	18	21	23	30	31	20	15	19	25	11	0	18	26	13	6	13	18	2	-6	-5	-14	-1	30	32	30	23	23	24	18	20	16.0			
WILMINGTON PORTER RESVR	MAX	37	34	35	37	41	40	38	32	38	39	30	30	31	35	30	25	31	30	29	16	10	18	30	36	47	55	53	36	37	39	34	34.0			
	MIN	17	20	27	24	29	31	22	18	22	26	13	7	16	25	13	11	18	20	10	4	-1	-3	10	30	29	29	29	25	23	22	20	18.9			
SOUTHERN 02																																				
BRIDGEVILLE 1 NW	MAX	36	36	38	46	46	43	39	38	39	45	43	28	34	38	37	28	32	33	33	23	20	28	40	48	45	57	56	50	38	44	42	38.8			
	MIN	15	18	24	23	33	27	29	18	20	27	25	13	19	30	25	18	15	23	22	8	7	-1	10	32	34	28	32	29	24	27	31	22.1			
DOVER	MAX	34	37	38	49	46	44	41	37	38	43	40	31	33	39	34	29	33	34	32	26	21	25	39	42	50	58	58	54	39	42	38	38.8			
	MIN	17	20	26	26	33	27	32	19	22	28	25	12	19	26	24	18	15	23	25	5	5	-4	10	31	34	34	31	27	25	25	32	22.3			
GEORGETOWN 5 SW	MAX	30	35	35	38	45	47	44	40	38	42	46	30	26	36	37	29	30	33	34	30	21	16	27	37	54	44	57	57	35	39	45	37.3			
	MIN	14	18	21	25	30	25	31	17	21	23	25	15	17	26	26	18	10	19	28	9	8	-1	10	15	36	29	31	29	23	27	30	21.1			
LEWES	MAX	35	38	38	49	46	51	44	41	41	48	45	28	35	36	35	27	34	36	36	28	23	27	39	53	50	62	57	47	37	45	42	40.4			
	MIN	19	26	26	25	34	25	24	21	23	25	28	18	24	30	26	22	13	23	27	11	11	6	13	32	36	31	34	29	26	27	33	24.1			
MILFORD 2 WSW	MAX	35	37	38	49	45	44	40	39	40	46	40	30	34	36	36	28	34	33	34	27	21	27	39	50	46	59	59	51	38	44	40	39.3			
	MIN	15	19	22	25	33	27	30	18	21	26	25	14	19	30	25	17	12	21	25	4	6	-4	9	31	35	30	33	29	24	28	32	22.0			

SEE REFERENCE NOTES FOLLOWING STATION INDEX

# SNOWFALL AND SNOW ON GROUND (INCHES)

MARYLAND AND  
DELAWARE  
JANUARY 1984

STATION	DAY OF MONTH																																
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
MARYLAND																																	
SOUTHERN EASTERN SHORE 01																																	
ASSATEAGUE STATE PARK																1.1																	
SALISBURY FAA AP											.1	T				.9		1.0	.2												T		
SNOW HILL 4 N											1					.8		T	.2		T										.1		
CENTRAL EASTERN SHORE 02																																	
CAMBRIDGE WTR TRMT PL											1.0					2.0		2.0	1.0														
ROYAL OAK 2 SSW										1.0						1.5		3.0	1.0														
LOWER SOUTHERN 03											T	T	T	T	T	1	T	3	4	4	4	4	3	3	2	1	T	T	T	T	T		
LA PLATA 1 W											.8					1.2		3.2	1.5														
OWINGS FERRY LANDING										.1					1.5		6.0							T									
UPPER SOUTHERN 04											T	T	T	T	1	1	5	5	5	5	5	5	5	5	5	5	5	4	3	2	T	T	
ANNAPOLIS POLICE BRKS											.8	T				1.5		4.0						2.5		T	T						
BALTIMORE WSO AP				T						1.3	.3					1.6	T	4.6	.4												T	.2	
BELTSVILLE											1.0						.1	.1	.3	.6	.5	.5	.4	.3	.4								
COLLEGE PARK											1	1	1	T	T	T	2	1	4.5	5			3	3	1	T	T						
GLENN DALE BELL STM											1.0					3.0		4.0	1.0														
NATIONAL ARBORETUM D C											1	1	1	1	T	3	T	4	5	5	5	5	5	4	3	T	T						
UPPER MARLBORO 3 NNW											1.9				.1	T	T	2.3		4.4	4	4	4	4	3	2	T	T	T				
NORTHERN EASTERN SHORE 05											2				T	T	2	T	4	4	4	4	4	3	2	T	T	T					
CENTREVILLE											1.0						1.6	1	4.5	6	6	6	6	6	4	2	T						
CHESTERTOWN																	2	1	6														
NORTHERN CENTRAL 06																																	
ABERDEEN PHILLIPS FLD											2.0						T	T	5.0	1.0												T	T

SNOWFALL: INCLUDES SNOW AND ICE  
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 SEE REFERENCE NOTES FOLLOWING STATION INDEX

# SNOWFALL AND SNOW ON GROUND (INCHES)

MARYLAND AND  
DELAWARE  
JANUARY 1984

STATION		DAY OF MONTH																																				
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31						
CATOCTIN MOUNTAIN PARK	SNOWFALL										.2	3.6		.3	.3		.5		4.0																.6	1.3		
	SN ON GND	T	T	T	T	T					4	4	4	4	3	4	4	4	8	8	8	8	8	8	7	4	2	2	1	1	1	2	2	2	2			
CONDWINGO DAM	SNOWFALL										2.0	.3				T			6.0																1.5			
	SN ON GND										2	2	2	2	2	2	1	1	6	6	6	5	4	3	3	2	2	1	1	T	T		T	2	-			
DAMASCUS 2 SW	SNOWFALL										T	2.7		T	.1	1.1	T		5.1		.4													.1	.4	.6		
	SN ON GND	T	T	T				T			T	3	3	3	3	2	3	3	8	8	8	7	6	6	6	4	4	4	2	1	1	T	1	1	1	2		
EMMITSBURG 2 SE	SNOWFALL										3.0		T	1.0		2.0	T		5.0	T				2.0									.5	T	1.0			
	SN ON GND										2	2	1	2	1	2	2	2	6	5	4	4	4	4	3	4	-	-	1	T		T	1	T	1	1		
FREDRICK POLICE BRKS	SNOWFALL										2.0				.5		1.0		5.0																			
	SN ON GND										2	2	2	1	1	3	2	7	6	6	6	6	6	6	5	2	T							T	T	T		
PARKTON 2 SW //	SNOWFALL										2.0	T		.2			.6	.4	5.0	1.0														.3	2.6	T		
	SN ON GND										2	1	1	1	T	T	1	2	6	6	6	6	6	5	4	2	T	T	T	T	T	T	T	2	2			
UNIONVILLE	SNOWFALL										2.5				.3		1.0	T	3.3																			
	SN ON GND										3	3	3	3	3	-	-	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
WOODSTOCK	SNOWFALL										1.5						.5		6.0	1.0														T	1.0	.5		
	SN ON GND										1	-					1	1	6	6	5	5	4	4										T	1	1		
APPALACHIAN MOUNTAIN 07																																						
CUMBERLAND 2	SNOWFALL										2.5			1.0							3.0														1.0	4.0		
	SN ON GND	2	2	2	2	1	1	1			2	2	2	3	2	2	2	2	5	5	5	5	4	3	2	1								1	4	4		
FROSTBURG 2	SNOWFALL										3.0	T		1.5	T	T	.5	1.5	3.5	T	T				.1	T							T	T	3.5	8.0		
	SN ON GND	4	3	3	3	3	3	3	3	4	3	6	5	4	5	4	4	5	8	8	8	8	7	6	4	3	2	2	2	2	2	2	2	2	4	11		
HANCOCK FRUIT LAB	SNOWFALL										3.0		T	1.0		1.0		3.0																	T	1.0		
	SN ON GND										3	2	2	3	2	3	2	4	4	4	4	4	4	4	2	1	T	T	T	T	T	T	T	T	1	1		
ALLEGHENY PLATEAU 08																																						
MC HENRY 2 NW	SNOWFALL										3.0			T	T	T	1.0	1.0	3.0	T															.5	3.0	1.0	
	SN ON GND	4	4	4	4	4	4	5	5	5	4	7	6	6	6	6	6	6	9	9	8	8	7	6	5	4	2	2	2	2	2	2	2	2	5	15		
OAKLAND 1 SE	SNOWFALL										1.0	1.5		T	T	1.0	1.0	4.0	.5																3.5	3.5	8.3	
	SN ON GND	-	-	-	T	1	T	1	1	1	1	3	3	2	1	1	2	3	7	8	7	-	-	3	T	T	T	T	T	T	T	T	T	4	6	13		
SAVAGE RIVER DAM	SNOWFALL																																					
	SN ON GND	1	1	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
DELAWARE																																						
NORTHERN 01																																						
MIDDLETOWN 1 HSW	SNOWFALL										2.0						.7		3.0	2.0																	T	
	SN ON GND										2	-	-	-	-	-	2	-	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
NEWARK UNIVERSITY FARM	SNOWFALL																		.3	T						1.1										T	1.5	
	SN ON GND																																					
WILMINGTON WSD AP	SNOWFALL										2.5	.5		T		.5	T	3.8	1.3																	T	1.1	T
	SN ON GND										3	3	3	1	T	T	1	5	5	4	4	4	4	4	2	1	T	T	T	T	T	T	T	T	T	1	1	
WILMINGTON PORTER RESVR	SNOWFALL										2.0	1.5			T			3.0																			2.5	
	SN ON GND										2	3	-	-	-	-	-	-	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	1
SOUTHERN 02																																						
BRIDGEVILLE 1 NW	SNOWFALL										1.0				T		2.5		2.0	.5																	T	
	SN ON GND										1	1	1	1	T	3	1	2	2	2	2	2	2	2	1	T												
DOVER	SNOWFALL										1.0						1.3	T	3.3	1.7																		
	SN ON GND										T	T	T	T	T	T	1	T	3	4	3	3	2	2	T	T												

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 SEE REFERENCE NOTES FOLLOWING STATION INDEX

# SNOWFALL AND SNOW ON GROUND (INCHES)

MARYLAND AND  
DELAWARE  
JANUARY 1984

STATION		DAY OF MONTH																															
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
GEORGETOWN 5 SW	SNOWFALL SN ON GND										2.0 1							2.0 2	2.1 2		1	1	1	1									
LEWES	SNOWFALL SN ON GND																2.0 -																
MILFORD 2 MSW	SNOWFALL SN ON GND										2.0 1	1	T	T	T	3.0 3	2	4.0 3	2.0 4		3	2	2	1	1	T	T					T	

SNOWFALL: INCLUDES SNOW AND ICE  
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# STATION INDEX

MARYLAND AND  
DELAWARE  
JANUARY 1984

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 FLD	0015	06	HARFORD	39 28	76 10W	57	16	16		C	H	ROSS AVIATION INC	
ANNAPOLIS POLICE BRKS	0193	04	ANNE ARUNDEL	38 59	76 30W	25	17	17			H	ANNAPOLIS POLICE BRKS	
ASSATEAGUE STATE PARK	0335	01	WORCESTER	38 14	75 8W	7	17	17			H	ASSATEAGUE STATE PARK	
BALTIMORE WSO AP	0465	04	ANNE ARUNDEL	39 11	76 40W	196	MID	MID		C	H	NATL WEATHER SERVICE	
BALTIMORE WSO CI	0470	06	BALTO CITY	39 17	76 37W	91	MID	MID		C	H	OCMI COMMANDING OFFICER	
BELTSVILLE	0700	04	PRN GEORGES	39 2	76 53W	120		8			C	H	US DEPT OF AGRICULTURE
BENSON POLICE BARRACKS	0732	06	HARFORD	39 30	76 23W	365	17	17				MARYLAND STATE POLICE	
BOYDS 2 NW	1032	06	MONTGOMERY	39 13	77 20W	580	18	18				HUNTER F STALEY	
BRIGHTON DAM	1125	06	MONTGOMERY	39 12	77 1W	330		MID				WASH SUB SANY COMM	
CAMBRIDGE WTR TRMT PL	1385	02	DORCHESTER	38 34	76 4W	5	16	16			H	WASTEWATER TRMT PLANT	
CATOCTIN MOUNTAIN PARK	1530	06	FREDERICK	39 39	77 29W	1610	17	17		C	H	CATOCTIN MOUNTAIN PARK	
CENTREVILLE	1627	05	QUEEN ANNES	39 3	76 4W	60	17	17			H	MICHAEL B CATE	
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	365	17	17				UNIVERSITY OF MARYLAND	
COLLEGE PARK	1995	04	PRN GEORGES	38 59	76 57W	90	9	9		C	H	UNIVERSITY OF MARYLAND	
CONOWINGO DAM	2060	06	HARFORD	39 39	76 10W	40	MID	MID			H	SUSQUEHANNA ELECTRIC CO	
CRISFIELD SOMERS COVE	2215	01	SOMERSET	37 59	75 52W	8	17	17				INACTIVE 03/31/83	
CUMBERLAND 2	2282	07	ALLEGANY	39 38	78 45W	730	18	7			H	TIMOTHY B THOMAS	
DALECARLIA RESVR D C	2325	04		38 56	77 7W	146	17	17				U S CORPS OF ENGINEERS	
DAMASCUS 2 SW	2335	06	MONTGOMERY	39 16	77 14W	720	19	19			H	RICHARD W SCHWERDT	
DENTON 2 E	2523	02	CAROLINE	38 53	75 48W	50	17	17			H	ARTHUR REINHOLD	
EDGEMONT	2770	07	WASHINGTON	39 40	77 33W	905		7				JOHN W HARNE	
EMMITSBURG 2 SE	2906	06	FREDERICK	39 41	77 18W	416	17	17			H	MRS LUCILLE K BEALE	
FREDERICK POLICE BRKS	3348	06	FREDERICK	39 25	77 26W	380	17	17			H	MARYLAND STATE POLICE	
FREDERICK 3 E	3355	06	FREDERICK	39 24	77 22W	385						MISS I MARY STALEY	
FROSTBURG 2	3415	07	ALLEGANY	39 40	78 56W	2170	7	7			H	LEE K CLOSE	
GLENN DALE BELL STN	3675	04	PRN GEORGES	38 58	76 48W	150	16	16			H	USDA PLT INTRODUCT STN	
HAGERSTOWN	3975	07	WASHINGTON	39 39	77 44W	660	18	18				HAGERSTOWN RESERVOIR	
HANCOCK FRUIT LAB	4030	07	WASHINGTON	39 42	78 11W	428	16	16		C	H	SHARPSBURG RESEARCH C	
LA PLATA 1 W	5080	03	CHARLES	38 32	77 0W	140	18	18			H	C RUSSELL LEVERING	
LAUREL 3 W	5111	04	PRN GEORGES	39 6	76 54W	400	MID	MID				WASH SUB SANY COMM	
MC HENRY 2 NW	5832	08	GARRETT	39 35	79 22W	2680	8	8		C	H	JOSEPH F JOHENNING	
MECHANICSVILLE 1 SE	5865	03	ST MARYS	38 26	76 43W	160	17	17				MRS EDITH R BENNETT	
MERRILL	5894	08	GARRETT	39 36	79 5W	1790		9				DELWOOD E MERRILL	
MILLINGTON 2 HNW	5985	05	KENT	39 16	75 52W	30	17	17			H	MRS GERALDINE CONNOLLEY	
NATIONAL ARBORETUM D C	6350	04		38 54	76 59W	50	8	8			H	U S NATL ARBORETUM	
OAKLAND 1 SE	6620	08	GARRETT	39 24	79 24W	2420	17	17			H	BEA J CROSCO	
OWINGS FERRY LANDING	6770	03	CALVERT	38 41	76 40W	160	17	17			H	JAMES E BOURNE JR	
PARKTON 2 SW	6844	06	BALTIMORE	39 38	76 42W	600	23	23		C	H	JOHN R FOX	
PATUXENT RIVER	6915	03	ST MARYS	38 20	76 25W	38	MID	MID		C		NAVAL WEATHER SERVICE	
POTOMAC FILTER PLANT	7272	06	MONTGOMERY	39 2	77 15W	270		8				POTOMAC WATER FILT PLT	
PRINCESS ANNE	7330	01	SOMERSET	38 13	75 41W	20	17	17			H	UNIVERSITY MARYLAND EAST	
ROCKVILLE 3 NE	7705	06	MONTGOMERY	39 7	77 6W	400	16	16			H	INACTIVE 03/31/83	
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				CITY OF SALISBURY	
SALISBURY FAA AP	8005	01	WICOMICO	38 20	75 31W	48	MID	MID			H	FAA	
SAVAGE RIVER DAM	8065	08	GARRETT	39 31	79 8W	1495	8	8			H	U S CORPS OF ENGINEERS	
SNOW HILL 4 N	8380	01	WORCESTER	38 14	75 23W	28	18	18			H	CURTIS E SHOCKLEY	
TOWSON	8877	06	BALTIMORE	39 23	76 34W	390	18	18				BENDIX FRIEZ	
UNIONVILLE	9030	06	FREDERICK	39 27	77 11W	430	18	18		C	H	GEORGE P VON EIFF JR	
UPPER MARLBORO 3 NNW	9070	04	PRN GEORGES	38 52	76 47W	98	8	8			H	TOBACCO EXP FARM	
VIENNA	9140	02	DORCHESTER	38 29	75 50W	12	18	18			H	DELMARVA POWER & LIGHT	
WESTMINSTER POLICE BRK	9440	06	CARROLL	39 33	76 58W	765	17	17				MARYLAND STATE POLICE	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

# STATION INDEX

MARYLAND AND  
DELAWARE  
JANUARY 1984

STATION	INDEX NO.	DIVISION	COUNTY	LATITUDE	LONGITUDE	ELEVATION (IN FEET)	OBSERVATION TIME AND TABLES				OBSERVER
							LOCAL STD TIME				
							TEMP	PRECIP	EVAP	SPECIAL (SEE NOTES)	
WOODSTOCK	9750	06	BALTIMORE	39 20	76 52 W	460	18	18		H	JOHN A HILTZ
DELAWARE											
BRIDGEVILLE 1 NW	1330	002	SUSSEX	38 45	75 37 W	50	17	17		H	WILLIAM M RAY
DOVER	2730	002	KENT	39 9	75 31 W	30	17	17		H	STATE DIV OF HIGHWAYS
GEORGETOWN 5 SW	3570	002	SUSSEX	38 38	75 27 W	45	8	8	8 C	H	UNIV OF DEL SUBSTATION
LEWES	5320	002	SUSSEX	38 46	75 8 W	15	17	17		H	BOARD OF PUBLIC WORKS
MIDDLETOWN 1 WSW	5850	001	NEW CASTLE	39 26	75 45 W	60	16	16		H	PIONEER HIBRED CORN CO
MILFORD 2 WSW	5915	002	SUSSEX	38 54	75 28 W	30	17	17		H	MRS BERNARD FRANKEL
NEWARK UNIVERSITY FARM	6410	001	NEW CASTLE	39 40	75 44 W	90	17	17	17 C	H	UNIV OF DELAWARE
WILMINGTON HSO AP	R 9595	001	NEW CASTLE	39 40	75 36 W	79	MID	MID		H J	NATL WEATHER SERVICE
WILMINGTON PORTER RESVR	9605	001	NEW CASTLE	39 46	75 32 W	274	MID	MID		H	WATER DEPARTMENT

SEE REFERENCE NOTES FOLLOWING STATION INDEX



# REFERENCE NOTES

MARYLAND AND  
DELAWARE  
JANUARY 1984

## DEFINITIONS

**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.

**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 indicate 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.

**PRECIPITATION:** Values shown in inches to hundredths 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 inches to tenths are unmelted amounts. The max. depth on ground values of snow and sleet shown in whole inches are cumulative unmelted amounts. The no. of days with .10, .50, 1.00 or more refers to water equivalents.

**WIND:** (As shown in "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.

**NORMALS:** The average value of the meteorological element over a time period. Effective 1 January 1983, the averaging period is 1951 to 1980. The normals for National Weather Service localities have been adjusted so as to be representative for the current observation site.

**DIVISIONS:** Areas within a state of similar climatological characteristics.

**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.

## LETTERS AND SYMBOLS USED IN THE STATION INDEX TABLE

R Amounts from recording gage.  
// 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 gage unless indicated by an R.  
G Observations appear in "Soil Temperatures" table.  
J Station also published as a Local Climatological Data publication.  
H Observations appear in "Snowfall and Snow on Ground" table.  
MID Observation time is midnight.  
SR Observation time near sunrise.  
SS Observation time near sunset.  
VAR Observation time varies.  
MO Gage read once monthly, usually the last day.  
OC Gage readings vary from a few weeks to several months.  
WI Gage read weekly or irregularly.  
WM Gage read weekly and last day of month.  
# Thermometers located in a rooftop shelter.

## LETTERS AND SYMBOLS USED IN THE DATA TABLES

BLANK entries in the "Monthly Summarized Data" table indicate no record.  
BLANK entries in the "Daily Precipitation" and "Snowfall and Snow on 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 checks, 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.  
\* Gage not read. Precipitation is included in the amount following the asterisks. Time distribution not known. An \* preceding the monthly total indicates precipitation amount is being carried forward to next months total, and may include amounts from the previous months).  
V Includes total for previous month(s). (See \* above)  
// 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 gage.

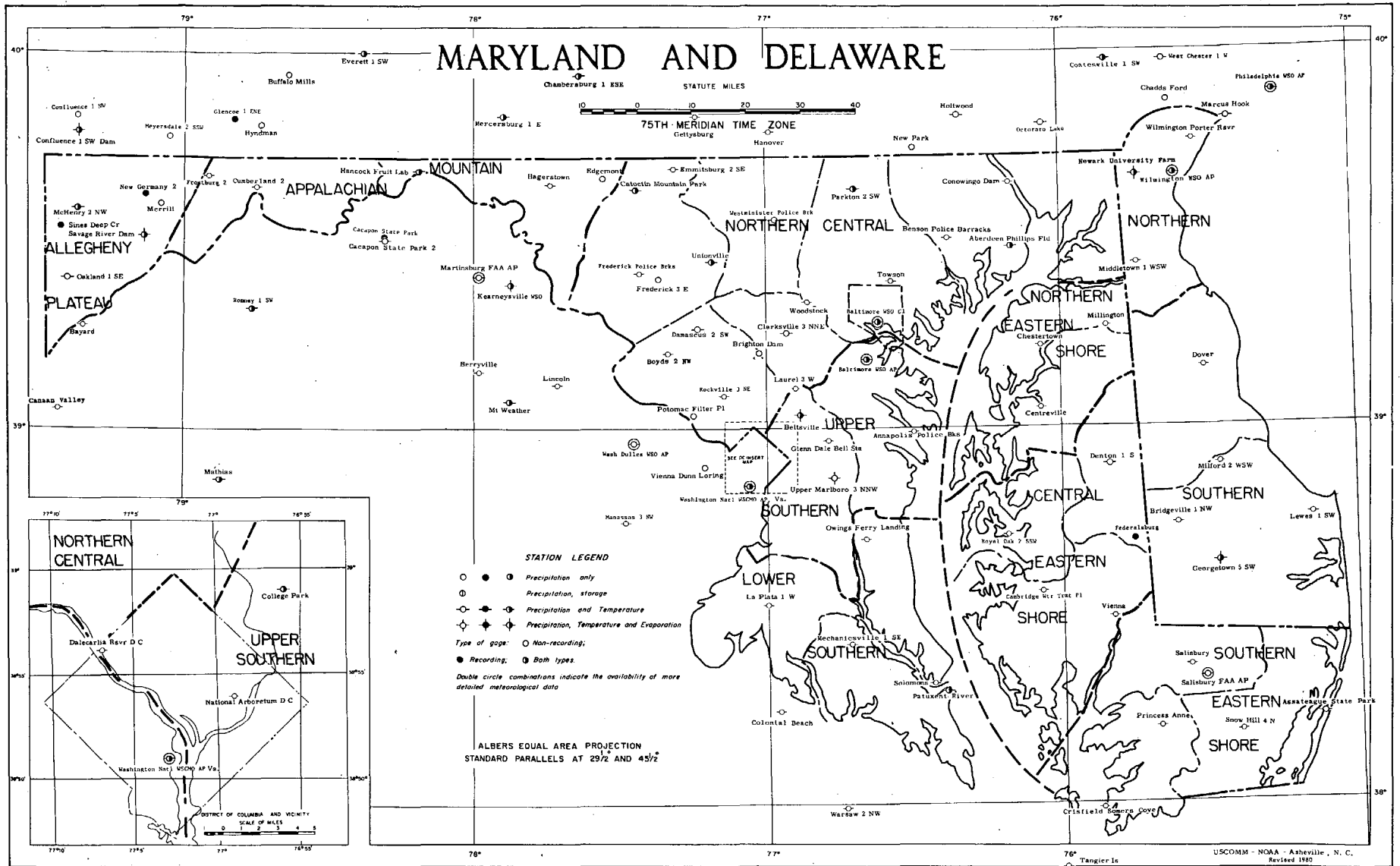
Additional information regarding the climate of this state may be obtained by writing to the National Climatic Data Center, Federal Building, Asheville, N. C. 28801, or to any Weather Service Office near you. Additional precipitation data are contained in the "Hourly Precipitation Data" bulletin for each state, except Alaska.

**Seasonal Tables:** Monthly and seasonal snowfall and heating degree days for the 12 months ending with the June data will be carried in the July issue of this bulletin. Cooling degree days for the calendar year will be published in the "Climatological Data Annual Summary".

Information concerning the history of changes in locations, exposure, etc. of substations through 1955 is available in the "Substation History" publication. Subsequent historical information is kept on file at the National Climatic Data Center. Similar information for regular National Weather Service Offices may be obtained from the "Local Climatological Data" annual publication.

SUBSCRIPTION, PRICE AND ORDERING INFORMATION AVAILABLE FROM:  
THE NATIONAL CLIMATIC DATA CENTER, FEDERAL BUILDING,  
ASHEVILLE, N.C. 28801 (ATTN: PUBLICATIONS)

USCOMM-NOAA-ASHEVILLE, N.C. JANUARY 1984-0895



# CLIMATE PUBLICATIONS AVAILABLE FROM THE NATIONAL CLIMATIC DATA CENTER, ASHEVILLE, N.C.

## COMPARATIVE CLIMATIC DATA

Presents tables of monthly and annual averages, totals or extreme climate conditions for approximately 300 major population centers. This publication is particularly helpful for comparing temperature, rainfall, snowfall, wind velocities, sunshine, cloudiness and relative humidities for the principal cities. The cities are listed alphabetically by state in two sections: observed data and climatological normals. This is an annual publication.

## STORM DATA

Monthly issue presents a chronological listing, by states, of occurrences of storms and unusual weather phenomena, together with data on the paths of individual storms, deaths, injuries, and estimated property damage, and a brief narrative description of each event. A new section in the bulletin entitled "OUTSTANDING STORMS OF THE MONTH" highlights severe weather and includes descriptive photographs of storms, their tracks, and analyzed maps. The December issue includes annual summaries of tornadoes and lightning and North Atlantic tropical cyclones.

## MONTHLY CLIMATIC DATA FOR THE WORLD

Contains monthly means of temperature, pressure, precipitation, vapor pressure and sunshine for about 2,500 surface data stations worldwide. Also contains monthly mean upper air temperatures, dew point depressions and wind velocities for ten standard levels.

## LOCAL CLIMATOLOGICAL DATA

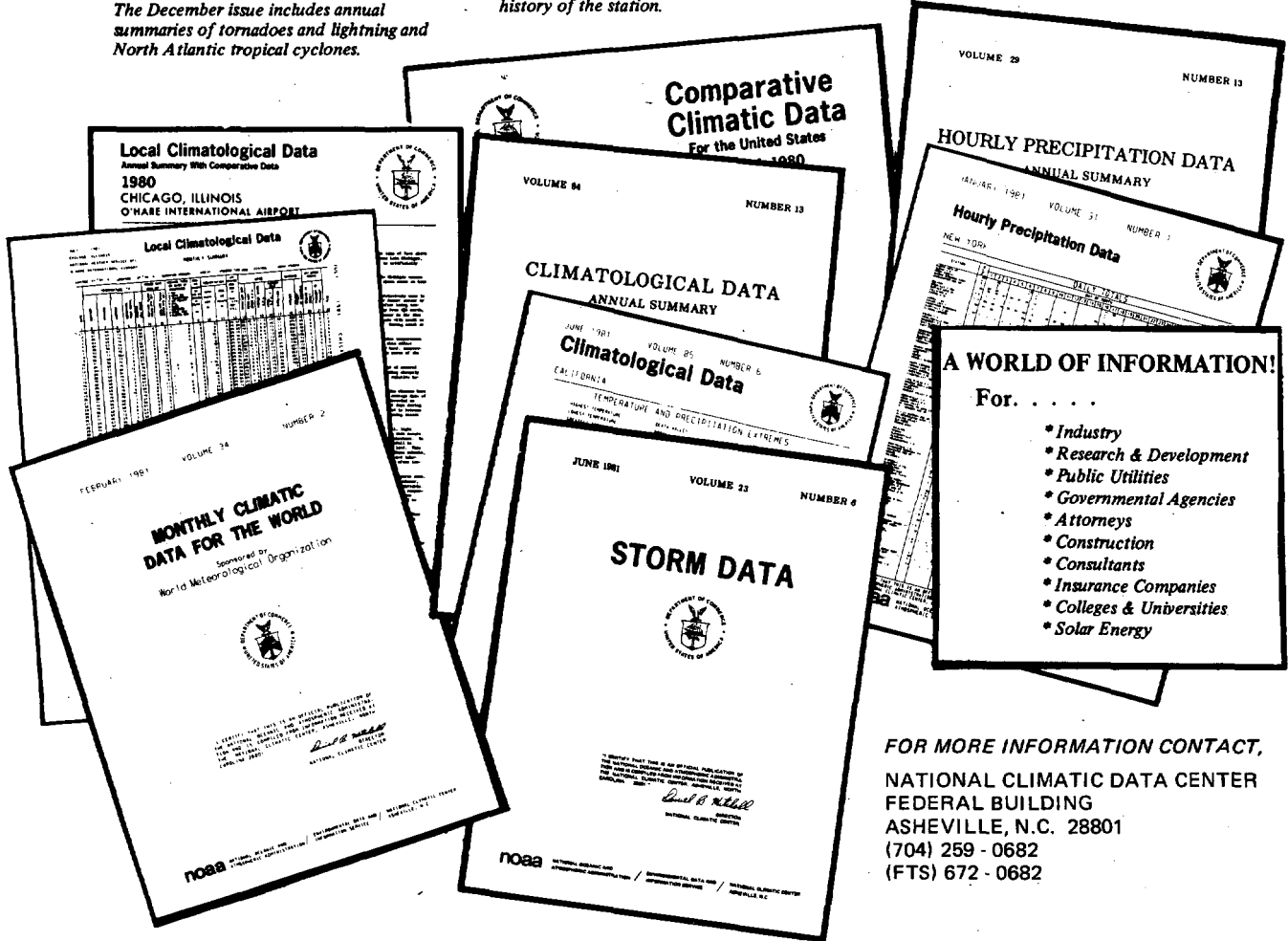
Published monthly for each first-order station. Presents daily maximum and minimum temperatures, degree day data, precipitation, station pressures, wind statistics, sunshine and sky cover data, as well as 3-hourly data for certain parameters. An annual issue is available summarizing monthly data and including up to 40 years record, and featuring a narrative climatological summary and history of the station.

## CLIMATOLOGICAL DATA

Published monthly for each state. Gives daily temperature and precipitation records, and monthly averages and totals, with departures from normal when available. Also derived statistics such as heating and cooling degree days, counts of days equaling or exceeding given temperature and precipitation thresholds, extremes, etc., are published for cooperative and first-order stations. Evaporation and soil temperature data are given for reporting stations. Seasonal snowfall, heating and cooling degree day tables included in selected tables. Annual summary also available.

## HOURLY PRECIPITATION DATA

Monthly issue presents daily, hourly and maximum short duration data for the recording gage stations for each state except Alaska. The annual issue tabulates monthly and annual totals, and annual maximum precipitation data by selected time categories.



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