

CLIMATOLOGICAL DATA

MARYLAND AND DELAWARE

JANUARY 1986

VOLUME 90 NUMBER 1



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28801

Kenneth D. Walden

DIRECTOR
NATIONAL CLIMATIC DATA CENTER

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ASHEVILLE NORTH CAROLINA

TEMPERATURE AND PRECIPITATION EXTREMES

MARYLAND AND
DELAWARE
JANUARY 1986

MARYLAND
HIGHEST TEMPERATURE 69
LOWEST TEMPERATURE -5
GREATEST TOTAL PRECIPITATION 5.36
LEAST TOTAL PRECIPITATION .73
GREATEST 1 DAY PRECIPITATION 2.01
GREATEST TOTAL SNOWFALL 33.5
GREATEST DEPTH OF SNOW OR ICE 14

DELAWARE
HIGHEST TEMPERATURE 69
LOWEST TEMPERATURE 2
GREATEST TOTAL PRECIPITATION 5.37
LEAST TOTAL PRECIPITATION 3.82
GREATEST 1 DAY PRECIPITATION 2.41
GREATEST TOTAL SNOWFALL 4.4
GREATEST DEPTH OF SNOW OR ICE 3

JANUARY 22+
JANUARY 29+

JANUARY 26
JANUARY 21

JANUARY 18
JANUARY 29

JANUARY 26
JANUARY 29+

5 STATIONS
2 STATIONS
OAKLAND 1 SE
SAVAGE RIVER DAM
SALISBURY FAA AP
MC HENRY 2 NW
MC HENRY 2 NW

2 STATIONS
GEORGETOWN 5 SW
WILMGTON PORTER RESVR
GREENWOOD 2 NE
DOVER
GEORGETOWN 5 SW
3 STATIONS

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

MARYLAND AND
DELAWARE
JANUARY 1986

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 ISLAND NATL SE	45.9	25.0	35.5		60	11	130+	907	0	0	3	26	0	3.38		1.05	26	3.5	3	30	9	2	1
CRISFIELD SOMERS COVE	43.5	29.4	36.9	-.3	57	15	29+	877	0	0	5	19	0	3.36	.13			.0	0	0	5	2	0
PRINCESS ANNE	47.1	25.1	36.1	-.5	66	5	29+	890	0	0	4	23	0	3.48	.12	1.6	27	.0	0	0	9	3	1
SALISBURY	47.4	26.6	37.0	-.3	67	10	29	860	0	0	5	21	0	4.15	.63	1.70	26	3.5	3	30+	7	3	1
SALISBURY FAA AP	43.4	25.0	34.2	-.9	65	8	29	945	0	0	7	25	0	4.93	1.55	2.01	26	5.6	4	30	7	4	1
SNOW HILL 4 N	47.0	26.5	36.8	.8	68	7	29	866	0	0	5	22	0	4.29	.66	1.53	26	3.6	2	30	9	2	2
--DIVISIONAL DATA-->																							
CENTRAL EASTERN SHORE 02																							
CAMBRIDGE WTR TRMT PL	46.7	27.6	37.2	2.5	68	12	29+	855	0	0	5	21	0	4.44	.95	1.94	26	7.3	2	30+	6	3	2
DENTON 2 E	45.3	25.2	35.3	1.2	65	5	29	915	0	0	4	24	0	3.90	.58	1.73	26	4.0	3	39+	6	4	1
ROYAL OAK 2 SSW	44.4	27.3	35.9	.9	65	10	29	895	0	0	6	21	0	4.47	1.03	1.85	26	4.4	3	29+	9	2	1
VIENNA	46.7	26.6	36.7	.8	63	9	29+	872	0	0	4	21	0	4.06	.54	1.90	26	4.0	0	0	7	1	1
--DIVISIONAL DATA-->																							
LOWER SOUTHERN 03																							
LA PLATA 1 W	45.7	25.9	35.8	1.2	68	9	29	899	0	0	6	24	0	2.44	-.70	.85	26	2.2	1	31+	5	1	0
MECHANICSVILLE 5 NE	44.9	25.0	35.0		68	6	29	925	0	0	6	25	0	2.87		1.15	26	2.8	1	31+	5	1	1
OWINGS FERRY LANDING	45.3	24.9	35.1	.6	68	8	29	919	0	0	6	24	0	2.29	-.85	.99	26	1.2	1	29	6	5	1
PATUXENT RIVER	44.4	26.9	35.7		69	11	29	904	0	0	7	23	0	3.15		1.25	26	3.0	2	29	6	2	1
--DIVISIONAL DATA-->																							
UPPER SOUTHERN 04																							
ANNAPOLIS POLICE BRKS	47.0	26.6	36.8		62	10	28	865	0	0	5	21	0	3.05		1.00	26	1.5	T	0	8	2	1
BALTIMORE WSO AP	42.8	23.5	33.2	.5	68	9	29	980	0	0	7	26	0	2.16	-.84	.71	26	1.9	1	30	3	3	0
BELTSVILLE	42.5	22.4	32.5	1.2	67	8	29	1002	0	0	8	28	0	2.26	-.65	1.20	26	1.0	1	30	5	1	1
COLLEGE PARK	43.4	24.9	34.2	.2	68	11	29+	947	0	0	8	24	0	2.69	-.32	1.00	26	2.5	1	31+	6	2	1
DALECARLIA RESVR D C	45.4	23.9	34.7	.8	69	9	28	934	0	0	6	24	0	2.19	-.88	1.04	26	.0	0	0	6	1	1
GLENN DALE BELL STN	46.7	21.2	34.0	.8	69	6	29	955	0	0	4	27	0	2.21	-.85	.99	26	2.0	0	29	6	1	0
LAUREL 3 W	43.3	23.7	33.5	.1	64	8	30	968	0	0	8	27	0	2.02		.97	25	.0	T	0	4	2	0
NATIONAL ARBORETUM D C	44.0	23.1	33.6	1.2	68	8	29	969	0	0	7	29	0	3.18	.01	1.28	26	.9	0	130	6	2	1
UPPER MARLBORO 3 NNW	44.0	20.2	32.1		69	5	29	1020	0	0	8	29	0	1.98	-1.30	.96	26	1.6	1	131+	3	1	0
--DIVISIONAL DATA-->																							
NORTHERN EASTERN SHORE 05																							
CENTREVILLE	42.2	25.1	33.7	.6	67	10	29+	962	0	0	7	25	0	3.30	.02	1.09	26	2.7	M	230+	6	2	1
CHESTERTOWN	45.1	23.4	34.3	2.1	66	7	29	945	0	0	6	26	0	4.22		1.77	26	1.4	T	0	7	3	1
MILLINGTON 1 SE			34.0	.8									0	3.30	.03			2.1					
--DIVISIONAL DATA-->																							
NORTHERN CENTRAL 06																							
ABERDEEN PHILLIPS FLD	42.1	26.3	34.2		56	10	28	952	0	0	5	23	0	2.36				1.0	M	129	2	0	0
BALTIMORE WSO CI	45.9	28.4	37.2	1.7	69	12	28	855	0	0	5	22	0	2.40	-.67	.75	26	M	M	44	2	0	1
BENSON POLICE BARRACKS	43.4	22.7	33.1	1.9	64	8	29+	980	0	0	6	28	0	2.81		1.04	26	1.5	1	130+	6	2	0
BOYDS 2 NW	42.1	23.9	33.0		65	6	29	982	0	0	7	29	0	1.43		.66	26	4.5	2	29+	4	1	0
CATOCTIN MOUNTAIN PARK	37.5	21.8	29.7		59	0	28	1089	0	0	8	26	1	1.56		.41	20	6.0	4	30+	5	0	0
CLARKSVILLE 3 NNE	44.2	19.9	32.1		67	6	29+	1015	0	0	6	27	0	2.51		1.09	26	2.4	1	130+	5	1	1

SEE REFERENCE NOTES FOLLOWING STATION INDEX

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

MARYLAND AND
DELAWARE
JANUARY 1986

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	
CONOWINGO DAM	40.4	21.3	30.9	.7	55 19	9 29	1055	0	0	7	2	0	0	5.03	1.70	1.56	26	1.0	1.4	13	4	1
DAMASCUS 2 SW	40.4	23.5	32.0		64 18	5 29	1019	0	0	9	2	0	0	2.06		.78	26	4.0	1.5	1	1	0
EMMITSBURG 2 SE	40.9	21.1	31.0		64 18	6 16	1045	0	0	7	2	0	0	1.60		.60	26	1.0	1.2	2	4	0
FREDRICK POLICE BRKS	43.4	24.6	34.0		64 18	7 28	952	0	0	6	2	0	0	1.26		.40	20	1.0	1.0	1	5	0
PARKTON 2 SW	40.8	19.8	30.3		66 18	1 29	1068	0	0	7	2	0	0	3.09		.89	25	5.0	2.0	3	0	0
ROCKVILLE 1 NE	43.1	23.6	33.4	.1	64 18	8 29	974	0	0	6	2	0	0	2.17	-.78	.77	26	M	M	2	3	0
TOWSON	44.2	22.4	33.3		64 18	2 28	975	0	0	6	2	0	0	3.91	-.60	1.27	26	M	M	0	3	0
UNIONVILLE	43.0	16.3	29.7		66 19	2 28	1089	0	0	5	2	0	0	1.11	-1.65	.52	26	2.5	1.3	3	1	0
WESTMINSTER POLICE BRK	41.6	23.0	32.3	2.2	63 19	5 29	1005	0	0	6	2	0	0	1.79	-1.33	.83	26	2.3	1.3	4	1	0
WOODSTOCK	43.2	22.9	33.1	1.7	68 18	6 29	984	0	0	6	2	0	0	2.68	-.46	1.12	26	2.0	1.3	5	2	1
--DIVISIONAL DATA-->			32.5	.9										2.33	-.80			2.8				
APPALACHIAN MOUNTAIN 07																						
CUMBERLAND 2	41.3	21.2	31.3	.4	67 18	-6 28	1039	0	0	8	2	0	0	1.00	-1.53	.55	20	6.0	3.2	3	1	0
FROSTBURG 2	34.4	18.3	26.4		59 19	-3 29	1191	0	0	15	2	0	0	1.81		.65	21	25.0	10	3	4	0
HAGERSTOWN	41.2	22.9	32.1	1.5	60 18	-5 28	1013	0	0	7	2	0	0	1.19	-1.61	.54	20	2.3	2	3	4	0
HANCOCK FRUIT LAB	41.6	20.2	30.9	1.7	66 18	1 29	1049	0	0	7	2	0	0	1.40	-1.21	.92	20	5.0	2	3	4	0
--DIVISIONAL DATA-->			30.2	.1										1.35	-1.40			12.0				
ALLEGHENY PLATEAU 08																						
MC HENRY 2 NW	32.8	15.9	24.4		55 19	-5 29	1255	0	0	17	2	4	0	3.43		1.02	20	33.5	14	2	10	2
OAKLAND 1 SE	36.5	15.7	26.1	-.1	56 19	-5 15	1195	0	0	10	3	2	0	5.36	1.57	1.45	20	32.0	13	3	10	5
SAVAGE RIVER DAM	35.7	16.7	26.2	-.2	58 19	0 28	1195	0	0	11	3	1	0	.73	-1.87	.40	20	11.0	4	2	2	0
--DIVISIONAL DATA-->			25.6	.1										3.17	-.36			25.5				
DELAWARE																						
NORTHERN 01																						
NEWARK UNIVERSITY FARM	43.8	23.1	33.5	1.8	65 18	8 29	969	0	0	5	2	0	0	4.25	1.15	1.50	26	M	2.0	T	7	4
WILMINGTON WSO AP	41.0	23.3	32.2	1.0	64 18	10 29	1011	0	0	7	2	0	0	4.21	1.10	1.17	19	3.1	T	2	6	3
WILMGTN PORTER RESVR	40.5	23.9	32.2	1.4	63 18	8 15	1011	0	0	7	2	0	0	5.37	2.08	1.54	25	M	.0	T	8	4
--DIVISIONAL DATA-->			32.6	1.0										4.61	1.48			3.1				
SOUTHERN 02																						
DOVER	46.6	26.3	36.5	2.1	69 18	7 29	878	0	0	5	2	0	0	3.84	.60	2.41	26	3.7	3	2	5	1
GEORGETOWN 5 SW	44.0	23.5	33.8	-.4	67 19	2 29	960	0	0	7	2	0	0	3.86	.51	1.85	26	4.4	3	2	7	2
GREENWOOD 2 NE	44.6	25.7	35.2		66 18	4 29	917	0	0	6	2	0	0	3.82		1.93	26	3.7	3	2	8	1
LEWES	46.8	27.2	37.0	2.4	69 18	8 29	873	0	0	5	2	0	0	4.17	.70	2.00	26	0	0	0	8	3
MILFORD 4 SE	44.8	24.9	34.9	.6	66 18	4 29	929	0	0	6	2	0	0	3.88	.49	1.87	26	M	.5	T	3	6
--DIVISIONAL DATA-->			35.5	1.0										3.91	.48			2.9				

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION (INCHES)

MARYLAND AND
DELAWARE
JANUARY 1986

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 NATL SE	3.38	.32		.10	.89	.24										
CRISFIELD SOMERS COVE	3.36			.57							.05					
PRINCESS ANNE	3.45	.39		.53	.10											
SALISBURY	4.15	.22		.67		.10										T
SALISBURY FAA AP	4.93	.01		.80		.10			T						T	T
SNOW HILL 4 N	4.29	.24		.45		.14			T					T	T	T
CENTRAL EASTERN SHORE 02																
CAMBRIDGE WTR TRMT PL	4.44	.14		.40											.02	
DENTON 2 E	3.90			.57											T	
ROYAL OAK 2 SSW	4.47	.12		.51		.02									.01	
VIENNA	4.06	.24	.01	.48	.01											.01
LOWER SOUTHERN 03																
LA PLATA 1 W	2.44			.07					T						.04	T
MECHANICSVILLE 5 NE	2.87	.01		.25					T						.03	
OWINGS FERRY LANDING	2.29	.03		.21									T		.01	
PATUXENT RIVER	3.15	.01		.37			T		T				T		.02	T
UPPER SOUTHERN 04																
ANNAPOLIS POLICE BRKS	3.05	.02		.13	.22	.09									T	
BALTIMORE WSO AP	2.16			.09	T	.01								T	.03	
BELTSVILLE	2.26		T	.06												T
COLLEGE PARK	2.69	.04		.06		.02									T	.01
DALECARLIA RESVR D C	2.19				.02										.02	
GLENN DALE BELL STN	2.21			.04		T									T	T
LAUREL 3 W	2.02			.09	.02										-	-
NATIONAL ARBORETUM D C	3.18	.12		.03		.20										.05
UPPER MARLBORO 3 NNW	1.98	.04		.05		T										.02
NORTHERN EASTERN SHORE 05																
CENTREVILLE	M 3.30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CHESTERTOWN	3.30			.41		.09										.02
MILLINGTON 1 SE	M 4.22	.07		.51		.13									T	
NORTHERN CENTRAL 06																
ABERDEEN PHILLIPS FLD	2.36			.26			.02								T	T
BALTIMORE WSO CI	2.40			.11		.02									T	.04
BENSON POLICE BARRACKS	M 2.81	T		.16		.06										.03
BOYDS 2 NW	1.43			.05												.01
BRIGHTON DAM	2.38			.02	T	T										.01
CATOCTIN MOUNTAIN PARK	1.56			.01									T	.01		.01
CLARKSVILLE 3 NNE	2.51			.05		T							T	.01		T
CONOWINGO DAM	5.03		.14	.21	.06	.14										.03
DAMASCUS 2 SW	2.06			.06		T							T	.05		T
EMMITSBURG 2 SE	1.60			T												T
FREDRICK POLICE BRKS	1.26			.03												T
FREDERICK 3 E	1.51	T		.03												T
PARKTON 2 SW	3.09			.11		.03										T
POTOMAC FILTER PLANT	2.05	T		.04	.01											T
ROCKVILLE 1 NE	2.17			.07	T											T
TOWSON	3.91		.23	.12			.03									T
UNIONVILLE	1.11															T
WESTMINSTER POLICE BRK	1.79			.01												T
WOODSTOCK	2.68	T		.07		.02										T

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION (CONT)

MARYLAND AND
DELAWARE
JANUARY 1986

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 NATL SE				.10	.18						1.05	.40	T		.10	
CRISFIELD SOMERS COVE				.55	.22					*	1.45	.35			.17	
PRINCESS ANNE				.52	.15					.15		1.61				
SALISBURY				.56	.17					.15	1.70	.36	.01	.19	.02	
SALISBURY FAA AP				.96	.02					.59	2.01	.16	T	.25	.01	
SNOW HILL 4 N				1.06	.02					.23	1.53	.37	.04	.11	.10	
CENTRAL EASTERN SHORE 02																
CAMBRIDGE WTR TRMT PL				.05	1.10					T	1.94	.53	.08	.10	.08	
DENTON 2 E				.04	.57					.50	1.73	.36	T	.13		
ROYAL OAK 2 SSW			.02	.41	.49					.40	1.85	.43	.01	.18	.01	
VIENNA				.45	.17					.07	1.90	.35	.10	*	.28	
LOWER SOUTHERN 03																
LA PLATA 1 W			T	.44	.49			T		.25	.85	.24	T	.06		
MECHANICSVILLE 5 NE		T		.38	.47	T				.32	1.15	.17		.09		
OWINGS FERRY LANDING				.41	.29					.17	.99	.07	T	.11		
PATUXENT RIVER				.42	.02					.80	1.25	.11		.15	T	
UPPER SOUTHERN 04																
ANNAPOLIS POLICE BRKS			T	.57	.35	.01				.29	1.00	.17		.20		
BALTIMORE WSO AP				.55	.01					.69	.71	.03		.04		
BELTSVILLE				.17	.32	.10				.03	1.20	.31	T		.07	
COLLEGE PARK				.52	.35	.03				.32	1.00	.22			.12	
DALECARLIA RESVR D C				.28	.14					.40	1.04	.18		.11		
GLENN DALE BELL STN				.12	.26					.43	.99	.24		.13	T	
LAUREL 3 W				.69	.05	*				.97	T	.10		.10		
NATIONAL ARBORETUM D C				.08	.62	.03				T	1.28	.33	.35		.09	
UPPER MARLBORO 3 NNW			T	.07	.32	.02				T	.96	.40	.02		.08	
NORTHERN EASTERN SHORE 05																
CENTREVILLE		T		.45	T					.95	1.09	.18		.11		
CHESTERTOWN				.31	.81					.37	1.77	.20	T			
MILLINGTON 1 SE			.05													
NORTHERN CENTRAL 06																
ABERDEEN PHILLIPS FLD				.63	.01					*	.74	* .75	1.90	.18		
BALTIMORE WSO CI				.85	.24	.01				.34	1.04	T		.05		
BENSON POLICE BARRACKS			.01	.15	.24					.22	.66	.05	T	.10		
BOYDS 2 NW				.52	T					.70	.98	.05		.03		
BRIGHTON DAM				.30	.41	.04				.36	.26	.16		.10		
CATOCTIN MOUNTAIN PARK				.39	.30	.02				.46	1.09	.12		.07	T	
CLARKSVILLE 3 NNE			T	.69	.80	.06				.81	1.56	.43		.10		
CONOWINGO DAM			.01	.35	.17		.01	.01		.42	.78	.18		.07		
DAMASCUS 2 SW				.40	.45		T			.10	.60	T		T		
EMMITTSBURG 2 SE			T	.12	.40					.24	.36	T	T	.10		
FREDRICK POLICE BRKS				.08	.46	.11				.11	.67	.05			T	
FREDERICK 3 E			T	.79	.06	.04		T	.01	.89	.71	.28	T	.12	.05	
PARKTON 2 SW				.50	.04					.67	.62	.14		.03		
POTOMAC FILTER PLANT				.54	T					.70	.77	T		.08		
ROCKVILLE 1 NE				.66	.78		T			.45	1.27	.13	.13	.08	.02	
TOWSON					T	.08				.21	.52	.30		T		
UNIONVILLE				.35	.13					.41	.83	T		.06		
WESTMINSTER POLICE BRK				.36	.28	T				.62	1.12	.13		.08		
WOODSTOCK																

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION (INCHES)

MARYLAND AND
DELAWARE
JANUARY 1986

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	1.00															
FROSTBURG 2	1.29															
HAGERSTOWN	1.81	T	T	T	T	.01	.02	T	.01	T				.04	.07	
HANCOCK FRUIT LAB	1.19													T	T	
	1.40													T	T	
ALLEGHENY PLATEAU	08															
MC HENRY 2 NW	3.43															
MERRILL	1.59															
OAKLAND 1 SE	5.36															
SAVAGE RIVER DAM	.73	T		T										T	T	
DELAWARE																
NORTHERN NEWARK UNIVERSITY FARM	01															
WILMINGTON WSO AP	4.25															
WILMGTON PORTER RESVR	4.21															
	5.37															
SOUTHERN DOVER	02															
GEORGETOWN 5 SW	3.84	.08														
GREENWOOD 2 NE	3.86	.13														
LEWES	3.82	.15														
MILFORD 4 SE	4.17	.13														
	3.88	.12	*													

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION (CONT)

MARYLAND AND
DELAWARE
JANUARY 1986

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	.02	.55	.21					.15	.03			.04	
EDGEMONT				.07	.47	.06					.48	.18				
FROSTBURG 2			.04	.03	.52	.65	T	T		.01	.09	.06	.02		.10	T
HAGERSTOWN			T	.18	.54					.14	.33	T	.17	T		
HANCOCK FRUIT LAB				.12	.92		T			.11	.23	.02		T	T	
ALLEGHENY PLATEAU 08																
MC HENRY 2 NW			.04	T	1.02	1.00			.03		.10	.20	.14	T	.21	T
MERRILL				.03	.80	.17					.05		.03	.10	.22	
OAKLAND 1 SE				.36	1.45		T				.15	.20	.50	T	.90	
SAVAGE RIVER DAM			T	.02	.40	.16		T		T	.03		T	T	.04	
DELAWARE																
NORTHERN 01																
NEWARK UNIVERSITY FARM				.52	.80						.32	1.50	.30	.02		
WILMINGTON WSO AP			.01	1.17	.03						1.16	1.00	.16		T	.06
WILMGTN PORTER RESVR			.02	1.40	.11						1.54	1.30	.15	.09	.10	
SOUTHERN 02																
DOVER				.30	.09						.03	2.41	.15	.20	.07	T
GEORGETOWN 5 SW				.63	.22							1.85	.35	.15		T
GREENWOOD 2 NE				.42	.10						.26	1.93	.34	.10	.06	.03
LEWES				.60	.15						.13	2.00	.40	.05	.05	.01
MILFORD 4 SE				.60	.10						.03	1.87	.35	.15	.07	.06

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES (°F)

MARYLAND AND
DELAWARE
JANUARY 1986

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 ISLAND NATL SE	MAX 50	45	50	56	52	46	42	35	40	46	48	49	52	48	31	47	48	55	60	54	44	54	55	45	46	52	49	36	25	33	31	45.9		
	OBS																																	
	MIN 32	20	26	25	28	30	28	12	18	23	23	22	26	17	14	14	24	38	39	39	34	31	30	27	27	41	31	11	17	11	17	25.0		
CRISFIELD SOMERS COVE	MAX	49	50	48	44	47	42	28	37	48	43	46	47	37	25	39	49	57	56	55	46	55	56	42	49	51	38	28	28	30	35	43.5		
	OBS																																	
	MIN 26	40	36	37	35	24	21	25	32	29	28	35	22	17	20	32	44	48	39	35	35	36	27	***	30	29	27	15	15	22	22	29.4		
	OBS																																	
PRINCESS ANNE	MAX 48	53	56	52	52	46	43	30	40	50	48	50	47	40	37	44	56	66	61	59	52	61	59	40	54	53	40	27	30	30	37	47.1		
	MIN 35	21	32	32	36	25	26	19	13	25	29	20	24	22	5	14	22	48	44	39	36	27	35	24	28	39	26	12	5	6	9	25.1		
SALISBURY	MAX 47	52	56	53	48	44	41	32	41	54	47	54	52	37	26	47	57	67	63	59	62	62	58	40	55	53	38	27	29	30	38	47.4		
	MIN 36	22	33	34	36	29	24	18	16	27	27	29	26	18	13	15	24	49	46	38	35	30	34	24	27	38	24	11	10	16	15	26.6		
SALISBURY FAA AP	MAX 44	52	55	43	47	45	31	30	40	51	40	53	45	25	24	46	57	65	60	52	51	61	44	38	53	46	34	22	23	28	35	43.4		
	MIN 24	21	41	34	28	31	22	17	14	30	22	25	24	18	13	13	24	49	50	39	30	30	28	25	28	33	17	10	8	14	12	25.0		
SNOW HILL 4 N	MAX 46	54	55	51	51	46	43	31	42	50	48	55	48	37	26	48	55	68	60	56	51	64	55	39	54	55	42	28	30	30	38	47.0		
	MIN 37	21	30	34	36	28	26	18	14	29	29	23	27	18	13	12	23	48	46	40	36	29	36	25	28	42	28	11	7	17	11	26.5		
CENTRAL EASTERN SHORE 02																																		
CAMBRIDGE WTR TRMT PL	MAX 44	52	53	52	45	46	43	31	41	50	49	46	52	38	25	43	55	68	66	59	54	64	60	40	51	56	40	27	28	32	39	46.7		
	MIN 36	23	37	36	36	27	25	20	15	25	30	25	29	20	15	16	25	43	49	38	36	31	35	26	29	37	26	12	12	22	19	27.6		
DENTON 2 E	MAX 41	50	53	49	46	44	39	30	40	53	45	52	48	33	24	51	52	65	62	58	51	61	57	35	50	46	39	36	26	30	37	45.3		
	MIN 32	21	34	30	33	25	24	18	14	27	25	24	25	19	12	22	21	45	45	38	36	29	29	21	24	37	27	11	5	16	13	25.2		
ROYAL OAK 2 SSW	MAX 42	49	53	50	45	44	39	31	40	51	45	54	47	32	27	44	50	65	59	52	51	62	55	39	49	40	36	26	28	32	39	44.4		
	MIN 35	24	38	34	33	31	24	19	19	26	26	26	30	20	14	19	25	43	48	38	36	32	34	25	26	36	26	12	10	20	18	27.3		
VIENNA	MAX 43	49	55	55	46	46	45	32	41	53	54	50	48	37	35	44	51	62	63	59	52	58	57	39	54	53	40	28	30	32	38	46.7		
	MIN 35	25	36	35	36	29	25	18	19	29	28	28	28	20	9	19	26	41	43	38	35	35	33	19	27	27	26	12	9	18	18	26.6		
	OBS																																	
LOWER SOUTHERN 03																																		
LA PLATA 1 W	MAX 43	51	58	50	44	49	40	29	41	55	44	60	58	30	28	45	50	68	64	58	52	67	63	39	35	37	36	24	27	30	41	45.7		
	MIN 27	23	39	33	28	26	24	16	13	27	24	26	26	19	16	20	24	45	52	37	32	33	32	22	27	33	24	11	9	19	17	25.9		
MECHANICSVILLE 5 NE	MAX 43	51	58	49	46	47	39	30	42	56	43	60	54	28	28	44	53	67	58	54	54	68	55	35	36	39	35	24	26	31	40	44.9		
	MIN 31	21	34	29	32	26	24	16	12	27	22	26	26	19	15	14	23	48	46	36	33	30	27	23	26	34	22	11	6	20	16	25.0		
OWINGS FERRY LANDING	MAX 42	51	58	50	45	47	39	31	43	55	46	59	53	29	27	45	51	68	58	55	53	67	59	38	36	39	35	24	26	32	42	45.3		
	MIN 34	21	35	29	29	20	24	16	13	25	23	24	29	19	14	16	22	44	49	37	35	29	28	21	25	34	24	11	8	18	16	24.9		
PATUXENT RIVER	MAX 42	52	59	44	46	48	32	31	44	54	40	60	46	26	28	43	57	68	53	54	55	69	42	37	46	39	35	26	28	31	41	44.4		
	MIN 24	26	42	36	28	31	22	18	18	31	27	27	24	21	19	23	26	44	42	37	31	37	34	28	30	33	17	12	11	17	17	26.9		
UPPER SOUTHERN 04																																		
ANNAPOLIS POLICE BRKS	MAX 43	51	56	56	53	53	51	45	43	55	48	59	57	31	28	37	46	62	56	55	53	56	57	51	49	44	37	29	26	32	39	47.0		
	MIN 35	23	39	33	31	24	27	17	16	25	26	29	31	19	15	12	23	39	45	38	37	33	33	26	28	35	25	10	11	19	20	26.6		
	OBS	***																																
BALTIMORE WSO AP	MAX 41	52	57	44	43	44	30	31	43	53	43	58	43	24	27	43	51	68	56	53	52	66	42	36	37	39	34	21	25	32	40	42.8		
	MIN 24	22	34	29	24	24	20	15	11	24	27	21	21	18	13	10	22	45	46	37	32	27	28	23	27	34	15	10	9	17	18	23.5		
BELTSVILLE	MAX 41	40	50	57	44	44	45	30	31	42	52	44	58	43	26	29	47	48	67	58	48	51	65	42	38	37	38	27	21	25	30	42.5		
	OBS																																	
	MIN 32	19	26	29	27	22	23	15	12	19	22	20	33	18	11	10	15	23	46	38	30	24	29	21	24	29	26	11	8	13	18	22.4		
	OBS																																	
COLLEGE PARK	MAX 44	41	52	60	45	43	46	30	31	43	54	44	60	44	26	30	47	49	68	59	44	52	66	42	38	38	38	29	23	26	32	43.4		
	MIN 34	21	29	29	32	26	23	16	12	20	24	23	37	19	14	13	21	34	45	40	35	27	29	23	26	33	25	11	11	19	20	24.9		
DALECARLIA RESVR D C	MAX 42	51	59	45	44	48	42	30	45	52	47	62	57	27	29	45	47	69	64	56	51	66	54	41	35	36	35	24	30	32	43	45.4		
	MIN 34	20	22	28	18	27	22	16	26	20	23	20	25	17	14	15	20	40	46	34	33	26	32	24	19	34	22	9	12	18		23.9		
	OBS																																	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES (°F)

MARYLAND AND
DELAWARE
JANUARY 1986

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			
GLENN DALE BELL STN	MAX MIN	42 28	54 15	58 27	49 29	43 30	48 18	44 21	32 13	44 9	54 18	46 20	58 22	54 34	38 17	30 10	48 10	46 18	69 31	66 42	55 40	52 34	67 24	66 23	42 14	43 20	38 27	37 24	26 9	24 6	34 9	42 14	46.7 21.2	
LAUREL 3 W	MAX OBS MIN OBS	41 28	50 35	58 26	44 31	42 26	47 26	30 17	32 13	41 18	54 28	44 24	58 28	48 20	25 15	28 11	46 14	47 25	64 43	56 45	54 33	52 29	63 32	44 27	39 22	35 25	37 31	32 10	32 11	26 11	31 8	41 22	43.3 23.7	
NATIONAL ARBORETUM D C	MAX MIN	45 32	42 23	53 29	53 30	49 30	43 23	48 23	30 15	31 15	43 19	54 22	45 25	60 28	43 17	35 13	31 13	47 14	54 21	68 47	63 37	43 32	47 27	65 26	46 32	39 22	38 26	39 26	29 9	22 8	26 13	32 18	44.0 23.1	
UPPER MARLBORO 3 NNW	MAX MIN	48 32	42 18	53 24	58 28	45 26	44 17	48 20	30 14	32 8	45 10	55 18	45 18	61 26	45 16	25 11	29 9	46 10	56 18	69 45	59 46	31 31	53 24	67 26	43 17	37 17	37 28	38 26	29 9	23 5	26 14	32 14	44.0 20.2	
NORTHERN EASTERN SHORE 05																																		
CENTREVILLE	MAX MIN																																	
CHESTERTOWN	MAX MIN	40 26	50 23	53 34	43 33	44 31	44 27	30 22	31 18	40 18	52 28	41 26	53 28	43 23	24 19	25 11	43 14	49 22	67 46	59 50	52 38	51 31	61 30	41 29	37 23	47 24	40 33	34 17	20 10	25 10	30 17	39 18	42.2 25.1	
MILLINGTON 1 SE	MAX OBS MIN OBS	42 32	50 21	56 28	56 30	45 30	46 27	37 23	32 17	42 13	54 21	43 19	53 19	53 21	31 18	25 10	44 10	46 19	66 37	59 47	54 38	53 34	62 27	59 30	41 22	47 25	42 35	36 27	27 10	25 7	31 16	40 12	45.1 23.4	
NORTHERN CENTRAL 06																																		
ABERDEEN PHILLIPS FLD	MAX OBS MIN OBS	42 38	45 23	53 36	53 33	44 31	44 27	41 24	32 19	38 18	50 28	45 25	42 26	45 33	33 19	24 13	39 12	41 27	56 32	51 41	47 35	52 34	52 30	40 32	40 25	45 29	44 35		29 10	24 13	31 19	40 18	42.1 26.3	
BALTIMORE WSO CI	R MAX MIN	46 33	53 32	61 42	47 38	49 31	50 29	31 21	34 18	49 20	57 30	49 31	62 30	48 21	27 19	31 14	44 22	50 30	69 45	51 51	52 40	56 39	66 38	45 32	42 26	42 28	40 36	36 15	25 12	25 15	34 19	46 24	45.9 28.4	
BENSON POLICE BARRACKS	MAX MIN	42 28	44 23	55 30	47 30	43 28	44 24	36 20	32 15	45 14	50 20	44 24	54 24	48 27	29 15	27 8	45 10	41 20	64 32	58 41	55 32	52 34	58 27	55 31	41 20	41 22	41 34	34 26	27 10	22 8	32 15	40 13	43.4 22.7	
BOYDS 2 NW	MAX MIN	40 30	50 24	56 37	45 33	40 28	40 22	34 20	28 13	43 14	47 24	42 26	58 25	55 23	25 15	28 11	43 15	44 23	65 38	61 47	55 32	49 35	64 33	49 30	37 20	32 25	34 31	33 18	20 7	23 6	28 18	38 19	42.1 23.9	
CATOCTIN MOUNTAIN PARK	MAX MIN	40 25	41 24	48 34	40 28	35 25	35 23	26 14	23 10	23 15	41 33	36 22	52 28	44 18	19 10	20 5	46 12	47 28	59 45	52 45	50 29	41 29	55 34	48 26	38 17	33 21	33 31	33 15	16 0	16 3	25 13	32 16	37.5 21.8	
CLARKSVILLE 3 NNE	MAX MIN	41 26	51 15	57 23	50 26	41 23	44 22	37 21	30 13	46 8	51 14	44 21	59 15	58 22	25 15	28 7	49 6	46 16	67 31	63 39	55 35	51 34	64 22	55 30	37 15	34 21	36 33	36 22	22 8	23 6	31 14	40 14	44.2 19.9	
CONOWINGO DAM	MAX MIN	37 21	41 19	53 31	42 30	42 24	43 21	31 21	29 17	44 13	48 18	49 23	50 21	42 22	24 17	24 11	36 11	39 18	54 29	55 37	49 32	49 27	52 22	40 32	37 21	45 23	37 34	35 18	31 9	23 9	31 15	39 13	40.4 21.3	
DAMASCUS 2 SW	MAX MIN	38 28	49 25	54 37	42 30	40 29	40 20	31 19	27 11	42 14	46 28	40 24	56 27	48 22	23 14	25 9	46 14	43 25	64 34	57 47	53 32	47 34	63 33	41 29	36 19	32 24	33 30	32 15	16 5	21 5	29 16	37 19	40.4 23.5	
EMMITSBURG 2 SE	MAX OBS MIN OBS	39 30	43 19	55 22	46 28	40 23	40 27	36 19	30 11	45 12	46 22	43 18	56 22	52 24	27 15	26 7	45 6	40 16	64 32	52 38	50 35	50 35	51 23	48 26	36 19	31 24	34 31	33 20	21 7	21 7	30 18	39 18	40.9 21.1	
FREDRICK POLICE BRKS	MAX MIN	48 31	46 25	54 30	47 36	44 31	42 25	39 21	29 15	45 15	49 28	46 25	58 25	57 26	30 12	27 15	45 13	45 23	64 36	60 45	53 34	49 35	56 29	50 32	41 22	34 25	36 31	36 21	22 7	23 9	30 19	39 22	43.4 24.6	
PARKTON 2 SW	MAX MIN	41 20	45 19	56 33	43 26	38 24	42 19	27 15	30 11	43 9	43 22	42 19	57 20	42 17	24 12	25 3	48 9	43 20	66 35	55 45	51 33	50 30	51 28	40 22	35 16	36 22	35 33	35 20	24 4	20 1	31 13	37 13	40.8 19.8	
ROCKVILLE 1 NE	MAX OBS MIN OBS	41 22	53 22	57 32	45 33	43 28	45 26	29 18	29 14	46 15	52 29	44 25	64 30	45 19	48 16	26 14	48 14	56 23	45 26	59 37	48 35	53 35	61 38	43 28	38 22	35 28	37 34	34 28	18 8	25 8	30 19	40 22	43.1 23.6	
TOWSON	MAX MIN OBS	46 24	48 19	57 35	50 23	44 29	40 26	36 20	32 14	46 17	52 24	43 23	58 24	55 26	28 15	28 9	45 15	44 23	64 33	60 36	53 35	51 34	62 29	55 29	40 20	40 22	40 25	36 23	26 6	23 9	30 15	39 12	44.2 22.4	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES (°F)

MARYLAND AND
DELAWARE
JANUARY 1986

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					
UNIONVILLE	MAX OBS MIN	42 21 15	48 15 23	55 20 22	52 22 17	41 17 9	43 19 8	39 28 9	31 19 8	44 20 19	49 19 19	47 17 12	57 12 3	39 17 5	49 12 14	29 39 4	39 48 14	45 5 23	46 23 38	66 35 27	55 27 24	45 24 23	61 23 17	53 40 13	38 14 16	35 34 19	34 35 34	36 23 4	22 2 4	23 4 10	31 10 14	39 14 14	43.0			
WESTMINSTER POLICE BRK	MAX MIN	39 29	47 25	53 35	46 30	40 29	39 22	35 17	26 12	41 15	44 32	44 23	60 25	55 23	26 14	22 6	45 10	45 23	63 38	63 46	53 32	46 33	60 33	51 28	37 18	34 30	35 21	34 21	23 5	20 -5	20 -3	28 14	35 18	41.6		
WOODSTOCK	MAX MIN	40 31	51 19	58 33	45 29	41 28	44 24	34 20	30 13	45 12	49 27	43 26	58 22	54 24	25 15	27 9	47 8	45 19	68 35	55 46	55 35	50 32	63 28	51 31	38 20	35 25	36 32	35 22	23 8	23 6	31 15	40 15	43.2			
APPALACHIAN MOUNTAIN 07																																				
CUMBERLAND 2	MAX MIN	41 23	42 24	46 31	45 31	39 27	38 19	30 12	28 11	45 11	47 29	60 28	50 15	25 11	30 11	48 10	49 23	67 41	58 34	51 34	49 27	49 27	44 19	40 19	34 29	35 22	32 6	17 6	23 10	31 17	43 21	41.3				
FROSTBURG 2	MAX MIN	42 21	30 20	43 27	45 28	36 27	32 19	29 11	17 5	19 6	37 17	36 24	39 23	50 28	28 14	19 5	24 3	50 23	54 38	59 44	47 28	31 27	50 27	52 26	35 16	30 16	30 16	34 15	15 -2	10 -3	20 8	22 11	34.4			
HAGERSTOWN	MAX MIN	40 30	46 24	54 35	43 30	39 30	40 24	30 18	28 11	47 9	48 29	44 25	60 30	52 23	25 14	29 10	45 9	41 20	60 36	58 48	50 32	49 32	54 29	45 26	37 20	34 20	35 28	34 18	19 5	21 11	30 15	40 19	41.2			
HANCOCK FRUIT LAB	MAX MIN	41 30	41 16	54 26	45 26	39 32	38 21	46 18	46 8	47 28	45 22	62 16	60 25	27 15	28 10	44 5	46 15	39 29	66 37	65 33	52 36	41 36	47 23	46 24	38 14	35 24	36 30	35 20	20 7	22 1	30 13	40 15	41.6			
ALLEGHENY PLATEAU 08																																				
MC HENRY 2 NW	MAX MIN	40 18	30 18	45 29	42 24	38 23	23 15	28 8	15 3	14 13	31 20	35 20	35 20	48 20	20 5	21 0	26 0	45 26	50 40	55 42	47 25	28 24	45 24	50 17	32 22	32 16	30 17	40 22	32 10	11 -5	12 -5	28 5	20 10	32.8		
OAKLAND 1 SE	MAX MIN OBS	37 20 17	46 17 27	42 27 26	38 20 18	39 20 18	29 11	26 11	17 3	36 4	36 28	37 18	48 29	45 14	19 4	24 -5	48 1	52 19	56 31	56 36	40 25	37 24	51 16	34 23	34 4	42 25	39 27	27 4	5 -4	30 1	29 12	31 9	36.5			
SAVAGE RIVER DAM	MAX MIN	38 12	33 17	42 20	47 29	40 30	32 26	32 15	20 8	21 9	38 11	39 26	40 22	52 29	31 7	24 4	27 4	49 7	55 25	58 34	49 29	33 28	41 24	45 26	35 12	33 12	31 12	37 16	17 0	9 1	25 9	35 15	35.7			
DELAWARE																																				
NORTHERN 01																																				
NEWARK UNIVERSITY FARM	MAX MIN	41 32	47 19	53 28	48 32	43 29	43 26	33 22	30 11	41 16	50 24	43 22	54 21	44 25	43 16	36 9	42 10	43 19	65 31	56 41	60 37	50 34	59 27	53 32	42 22	47 24	44 35	37 27	29 9	24 8	29 15	30 14	43.8			
WILMINGTON WSO AP	MAX MIN	39 22	47 22	51 32	42 33	44 29	43 27	28 20	30 15	40 18	50 26	40 20	53 22	45 21	23 16	24 10	40 13	43 22	64 35	58 43	49 38	50 34	60 28	40 28	35 21	47 27	43 33	35 17	20 10	24 10	29 15	36 15	41.0			
WILMINGTON PORTER RESVR	MAX MIN	39 26	45 25	51 34	41 33	42 28	40 26	27 19	30 15	40 18	50 30	39 25	52 28	43 20	22 16	23 8	40 15	44 18	63 39	57 41	52 34	49 33	57 32	40 28	35 21	47 26	47 33	34 18	20 9	23 11	30 15	35 17	40.5			
SOUTHERN 02																																				
DOVER	MAX MIN OBS	43 34 34	50 24 35	55 34 35	45 34 33	45 27	42 24	31 18	42 12	53 30	50 25	53 27	53 28	37 18	24 18	45 16	50 23	69 44	67 45	55 38	53 37	63 30	62 32	40 24	46 21	52 39	40 30	31 10	27 7	30 15	36 16	46.6				
GEORGETOWN 5 SW	MAX MIN	50 23	41 19	55 32	48 32	43 34	43 23	45 26	28 18	30 12	41 16	50 25	46 19	53 25	45 13	26 9	47 21	53 36	67 41	60 38	42 33	51 26	63 31	43 23	44 26	42 42	32 10	20 2	28 15	28 9	44.0					
GREENWOOD 2 NE	MAX MIN	42 35	49 23	54 32	46 32	44 34	43 24	34 24	31 18	42 16	52 27	43 26	53 25	48 26	30 19	24 13	46 14	54 24	66 46	61 48	56 38	52 37	61 30	56 31	36 24	53 26	51 37	38 27	26 11	29 4	37 15	44.6				
LEWES	MAX MIN	49 36	53 23	55 35	53 35	51 36	45 28	42 25	30 19	43 22	54 30	49 29	54 24	51 28	37 19	25 13	41 13	41 22	69 36	66 47	54 38	50 36	64 34	59 36	40 29	52 30	52 40	42 30	30 10	30 8	30 19	39 16	46.8			
MILFORD 4 SE	MAX MIN OBS	41 33 33	49 20 20	53 23	51 32	47 35	44 23	36 24	30 17	42 16	53 27	44 25	52 23	48 28	31 17	24 12	43 12	54 24	66 47	56 38	52 37	63 29	55 29	35 25	52 28	51 38	38 20	30 10	26 4	28 15	37 12	44.8				

SEE REFERENCE NOTES FOLLOWING STATION INDEX

EVAPORATION AND WIND

MARYLAND AND
DELAWARE
JANUARY 1986

STATION	DAY OF MONTH																															TOTAL OR AVG			
	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 UPPER SOUTHERN 04 BELTSVILLE	WIND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	M
	EVAP	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	M	
	MAX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	M	
	MIN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	*****	
UPPER MARLBORO 3 NNW	WIND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	M	
	EVAP	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	M	
	MAX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	M	
	MIN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	*****	
ALLEGHENY PLATEAU 08 SAVAGE RIVER DAM	WIND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	M	
	EVAP	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	M	
	MAX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	M	
	MIN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	*****	
DELAWARE NORTHERN 01 NEWARK UNIVERSITY FARM	WIND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	M	
	EVAP	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	M	
	MAX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	M	
	MIN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	*****	
SOUTHERN 02 GEORGETOWN 5 SW	WIND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	M	
	EVAP	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	M	
	MAX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	M	
	MIN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	*****	

EVAPORATION: IS MEASURED IN HUNDRETHS OF INCHES
WIND: IS MEASURED IN MILES
MAX AND MIN: THE MAXIMUM AND MINIMUM TEMPERATURES (FAHRENHEIT) OF THE WATER IN THE EVAPORATION PAN
SEE REFERENCE NOTES FOLLOWING STATION INDEX

SNOWFALL AND SNOW ON GROUND (INCHES)

MARYLAND AND
DELAWARE
JANUARY 1986

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 ISLAND NATL SE																																
SNOWFALL																																
SN ON GND																																
SALISBURY FAA AP																																
SNOWFALL																																
SN ON GND																																
SNOW HILL 4 N																																
SNOWFALL																																
SN ON GND																																
CENTRAL EASTERN SHORE 02																																
CAMBRIDGE WTR TRMT PL																																
SNOWFALL																																
SN ON GND																																
DENTON 2 E																																
SNOWFALL																																
SN ON GND																																
ROYAL OAK 2 SSW																																
SNOWFALL																																
SN ON GND																																
VIENNA																																
SNOWFALL																																
SN ON GND																																
LOWER SOUTHERN 03																																
LA PLATA 1 W																																
SNOWFALL																																
SN ON GND																																
OWINGS FERRY LANDING																																
SNOWFALL																																
SN ON GND																																
UPPER SOUTHERN 04																																
ANNAPOLIS POLICE BRKS																																
SNOWFALL																																
SN ON GND																																
BALTIMORE WSO AP																																
SNOWFALL																																
SN ON GND																																
WTR EQUIV																																
BELTSVILLE																																
SNOWFALL																																
SN ON GND																																
COLLEGE PARK																																
SNOWFALL																																
SN ON GND																																
GLENN DALE BELL STN																																
SNOWFALL																																
SN ON GND																																
NATIONAL ARBORETUM D C																																
SNOWFALL																																
SN ON GND																																
UPPER MARLBORO 3 NNW																																
SNOWFALL																																
SN ON GND																																
NORTHERN EASTERN SHORE 05																																
CHESTERTOWN																																
SNOWFALL																																
SN ON GND																																
MILLINGTON 1 SE																																
SNOWFALL																																
SN ON GND																																

SNOWFALL: INCLUDES SNOW AND ICE.
 SNOW ON GROUND: INCLUDES SNOW, SLEET, ICE AND HAIL.
 WATER EQUIVALENT: GIVEN FOR NWS STATIONS ONLY, WHEN SNOW DEPTH IS 2 INCHES OR MORE.
 SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

MARYLAND AND
DELAWARE
JANUARY 1986

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	00115	06	HARFORD	39 28	76 10W	57	16	16		C	H	ROSS AVIATION INC
ANNAPOLIS POLICE BRKS	00193	004	ANNE ARUNDEL	38 59	76 30W	25	17	17			H	ANNAPOLIS POLICE BRKS
ASSATEAGUE ISLAND NATL	00335	001	WORCESTER	38 14	75 8W	7	7	7			H	NATIONAL PARK SERVICE
BALTIMORE WSO AP	00465	004	ANNE ARUNDEL	39 11	76 40W	196	MID	MID		C	C	NATL WEATHER SERVICE
BALTIMORE WSO CI #	00470	006	BALTO CITY	39 17	76 37W	91	MID	MID				OCMI COMMANDING OFFICER
BELTSVILLE	00700	004	PRN GEORGES	39 2	76 53W	120	8	8		B	C	U S DEPT OF AGRICULTURE
BENSON POLICE BARRACKS	00732	006	HARFORD	39 30	76 23W	365	17	17				MARYLAND STATE POLICE
BOYDS 2 NW	10322	006	MONTGOMERY	39 13	77 20W	580	18	18				HUNTER F STALEY
BRIGHTON DAM	11225	006	MONTGOMERY	39 12	77 1W	330		MID				WASH SUB SANY COMM
CAMBRIDGE WTR TRMT PL	13855	002	DORCHESTER	38 34	76 4W	5	16	16				WASTEWATER TRMT PLANT
CATOCTIN MOUNTAIN PARK	15300	006	FREDERICK	39 39	77 29W	1610	17	17		C	H	CATOCTIN MOUNTAIN PARK
CENTREVILLE	16227	005	QUEEN ANNES	39 3	76 4W	60	17	17			H	MICHAEL B CATE
CHESTERTOWN	17500	005	KENT	39 13	76 4W	40	23	23			H	THOMAS W ELIASON JR
CLARKSVILLE 3 NNE	18622	006	HOWARD	39 15	76 56W	365	17	17				UNIVERSITY OF MARYLAND
COLLEGE PARK	19955	004	PRN GEORGES	38 59	76 57W	90	9	9		C	H	UNIVERSITY OF MARYLAND
CONOWINGO DAM	20600	006	HARFORD	39 39	76 10W	40	MID	MID			H	SUSQUEHANNA ELECTRIC CO
CRISFIELD SOMERS COVE	22150	001	SOMERSET	37 59	75 52W	8	17	17				SOMERS COVE MARINA
CUMBERLAND 2	22822	007	ALLEGANY	39 38	78 45W	730	18	7			H	TIMOTHY B THOMAS
DALECARLIA RESVR D C	23225	004		38 56	77 7W	146	17	17				U S CORPS OF ENGINEERS
DAMASCUS 2 SW	23335	006	MONTGOMERY	39 16	77 14W	720	19	19			H	RICHARD W SCHWERT
DENTON 2 E	25223	002	CAROLINE	38 53	75 48W	50	17	17			H	ARTHUR REINHOLD
EDGEMONT	27700	007	WASHINGTON	39 40	77 33W	905		7				JOHN W HARNE
EMMITSBURG 2 SE	29060	006	FREDERICK	39 41	77 18W	416	17	17			H	MRS LUCILLE K BEALE
FREDERICK POLICE BRKS	33448	006	FREDERICK	39 25	77 26W	380	17	17			H	MARYLAND STATE POLICE
FREDERICK 3 E	33550	006	FREDERICK	39 24	77 22W	385		7				MISS I MARY STALEY
FROSTBURG 2	34150	007	ALLEGANY	39 40	78 56W	2170	7	7			H	LEE K CLOSE
GLENN DALE BELL STN	36750	004	PRN GEORGES	38 58	76 48W	150	16	16			H	USDA PLT INTRODUCT STN
HAGERSTOWN	39775	007	WASHINGTON	39 39	77 44W	660	18	18				HAGERSTOWN RESERVOIR
HANCOCK FRUIT LAB	40300	007	WASHINGTON	39 42	78 11W	428	16	16		C	H	SHARPSBURG RESEARCH C
LA PLATA 1 W	50800	003	CHARLES	38 32	77 0W	140	18	18			H	C RUSSELL LEVERING
LAUREL 3 W	51111	004	PRN GEORGES	39 6	76 54W	400	MID	MID				WASH SUB SANY COMM
MC HENRY 2 NW	58322	008	GARRETT	39 35	79 22W	2680	8	8		C	H	JOSEPH F JOHENNING
MECHANICSVILLE 5 NE	58650	003	ST MARYS	38 26	76 43W	100	19	19				SANDRA J HASTING
MERRILL	58940	008	GARRETT	39 36	79 5W	1790		9				DELWOOD E MERRILL
MILLINGTON 1 SE	59850	005	KENT	39 16	75 52W	30	18	18			H	HOWARD L HARVEY
NATIONAL ARBORETUM D C	63500	004		38 54	76 59W	50	8	8			H	U S NATL ARBORETUM
OAKLAND 1 SE	66200	008	GARRETT	39 24	79 24W	2420	17	17			H	BEA J CROSCO
OWINGS FERRY LANDING	67700	003	CALVERT	38 41	76 40W	160	17	17			H	JAMES C RASMUSSEN
PARKTON 2 SW	68444	006	BALTIMORE	39 38	76 42W	600	23	23		C	H	JOHN R FOX
PATUXENT RIVER	69150	003	ST MARY'S	38 20	76 25W	38	MID	MID			C	NAVAL WEATHER SERVICE
POTOMAC FILTER PLANT	72722	006	MONTGOMERY	39 2	77 15W	270		8				POTOMAC WATER FILT PLT
PRINCESS ANNE	73300	001	SOMERSET	38 13	75 41W	20	17	17			H	UNIVERSITY MARYLAND EAST
ROCKVILLE 1 NE	77050	006	MONTGOMERY	39 6	77 6W	440	17	17				WASH GAS & LIGHT CO
ROYAL OAK 2 SSW	78060	002	TALBOT	38 43	76 11W	10	18	18			H	JOHN L SWAINE JR
SALISBURY	80000	001	WICOMICO	38 22	75 35W	10	17	17				CITY OF SALISBURY
SALISBURY FAA AP #	80050	001	WICOMICO	38 20	75 31W	48	MID	MID				FAA
SAVAGE RIVER DAM	80650	008	GARRETT	39 31	79 8W	1495	8	8		B	C	U S CORPS OF ENGINEERS
SNOW HILL 4 N	83800	001	WORCESTER	38 14	75 23W	28	18	18			H	CURTIS E SHOCKLEY
TOWSON	88770	006	BALTIMORE	39 23	76 34W	390	18	18				BENDIX FRIEZ
UNIONVILLE	90300	006	FREDERICK	39 27	77 11W	430	18	18		C	H	CAROLINE R VON EIFF
UPPER MARLBORO 3 NNW	90700	004	PRN GEORGES	38 52	76 47W	98	8	8		B		TOBACCO EXP FARM
VIENNA	91400	002	DORCHESTER	38 29	75 50W	12	18	18			H	DELMARVA POWER & LIGHT
WESTMINSTER POLICE BRK	94400	006	CARROLL	39 33	76 58W	765	17	17				MARYLAND STATE POLICE

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

MARYLAND AND
DELAWARE
JANUARY 1986

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 52W	460	18	18		H	JOHN A HILTZ
DELAWARE											
DOVER	2730	02	KENT	39 9	75 31W	30	17	17		H	STATE DIV OF HIGHWAYS
GEORGETOWN 5 SW	335700	02	SUSSEX	38 38	75 27W	45	8	8	8	C	UNIV OF DEL SUBSTATION
GREENWOOD 2 NE	335950	02	SUSSEX	38 50	75 35W	45	18	18		H	DANIEL M SHARTZENTRUBER
LEWES	333200	02	SUSSEX	38 46	75 8W	15	17	17		H	BOARD OF PUBLIC WORKS
MIDDLETOWN 1 WSW	330526	01	NEW CASTLE	39 26	75 45W	60	16	16		H	INACTIVE 08/01/85
MILFORD 4 SE	330554	02	SUSSEX	38 54	75 28W	30	17	17		H	DAVID S SCHLOTT
NEWARK UNIVERSITY FARM	341000	01	NEW CASTLE	39 40	75 44W	90	17	17	17	C	UNIV OF DELAWARE
WILMINGTON WSO AP	359501	01	NEW CASTLE	39 40	75 36W	79	MID	MID		H J	NATL WEATHER SERVICE
WILMGTN PORTER RESVR	9605	01	NEW CASTLE	39 46	75 32W	274	MID	MID		H	WATER DEPARTMENT.

SEE REFERENCE NOTES FOLLOWING STATION INDEX

REFERENCE NOTES

MARYLAND AND
DELAWARE
JANUARY 1986

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 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 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. Division averages are calculated using data from stations that record both temperature and precipitation (ie: not precipitation alone).

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.

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 "Soil Temperatures" table.
H Observations appear in "Snowfall and Snow on 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.
SS Observation time near sunset.
VAR Observation time varies.
WI Rain gage read weekly or irregularly.
WM Rain gage read weekly and last day of month.

SYMBOLS AND LETTERS 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.
* 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)

Additional Information regarding the climate of this state may be obtained by writing to the National Climatic Data Center, Federal Building, Asheville, N. C. 28801-2696, 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. 28801-2696

USCOMM-NOAA-ASHEVILLE, N.C. JANUARY 1986-0680

NOTE: Special Weather Summaries are provided by State Climatologist and other qualified agencies for inclusion in the published Climatological Data bulletin. These summaries are not included in the archived microfiche copies of the CD bulletin.

M A R Y L A N D A N D D E L A W A R E - J A N U A R Y 1 9 8 6

SPECIAL WEATHER SUMMARY

W. J. Moyer
State Climatologist/Maryland
Department of Agronomy
University of Maryland
College of Agriculture
College Park, MD 20742

Monthly temperature averaged a little above normal in both states while precipitation averaged near normal in Maryland and a little above normal in Delaware. This was only the third time in the last 11 years that January's temperature averaged above normal in Maryland and the fourth time in Delaware. Monthly cloudiness was much less than normal as evidenced by the number of clear days recorded at the area's first-order National Weather Service stations. The number of days with clear skies (long-term average in parenthesis) was as follows: Baltimore 12 (8); Wilmington 11 (7); and Washington National Airport 11 (8). The percent of possible sunshine at Baltimore was 63% (long-term average, 51%). Except for heavy snowfall in the Garrett County area on the 20th, no severe weather was reported.

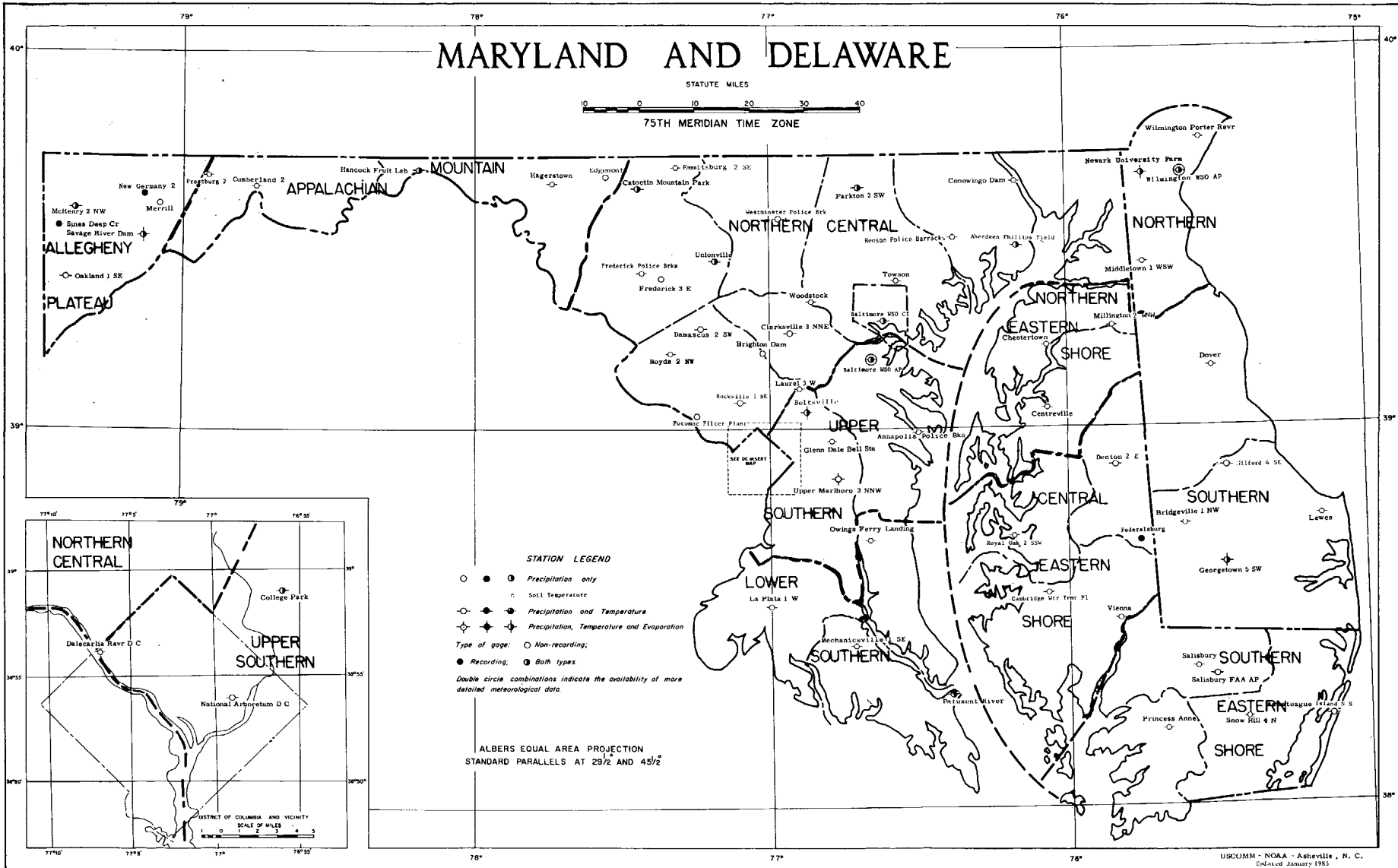
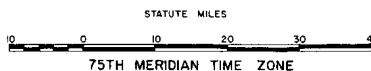
The state monthly temperature averaged 33.1° (normal, 32.6° for Maryland and 34.7° (normal, 33.8°) for Delaware. The five-day period, 18th through the 22nd, was very mild; this period may be extended as temperatures on the 17th and the 23rd were a little above normal. Except for the Garrett County area, most stations recorded their monthly highs, in the 60's, during this five-day period. Also, the daily temperatures at the area's first-order airport stations averaged much above normal: 16° at Baltimore; 15° at Wilmington; and 14° at Washington National Airport. The coldest extended period occurred at the end of the month, 27th through the 31st. Most stations recorded their monthly lows during this period on the 28th or the 29th. The month's only zero or sub-zero temperatures were recorded in the Garrett County area, including Frostburg.

The state monthly precipitation averaged 3.04 inches (normal, 3.21 inches) for Maryland and 4.07 inches (normal, 3.36 inches) for Delaware. The last year these totals were equalled or exceeded

was 1982. Precipitation was mostly confined to three periods: 1st through the 5th; 19th through the 20th; and 25th through the 30th. Daily totals, over 1 inch, were received on the 19th and 20th and also on the 25th and 26th. In southern Delaware, unusually heavy January one-day totals, 2 inches and over, were recorded on the 26th.

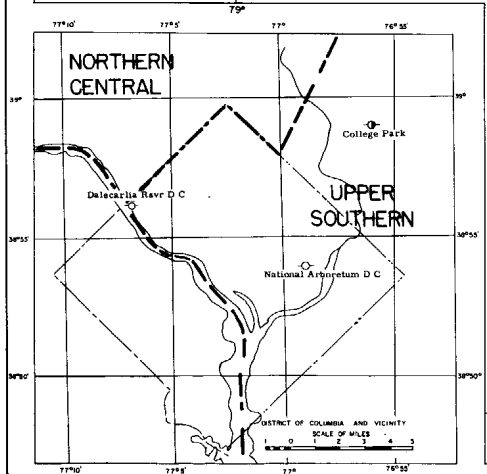
Snowfall was generally below normal, although a few stations in Eastern Shore and in Delaware approached their normal total. The snowstorm on the 20th brought heavy totals, as much as 16 inches, in Garrett County; 10.5 inches at Frostburg; and traces or none east of the mountains. A continuous snow-cover persisted throughout the month at the McHenry weather station.

MARYLAND AND DELAWARE



- STATION LEGEND**
- ● ● Precipitation only
 - Soil Temperature
 - ● ● Precipitation and Temperature
 - ● ● Precipitation, Temperature and Evaporation
- Type of gage: ○ Non-recording;
● Recording, ● Both types
- Double circle combinations indicate the availability of more detailed meteorological data.

ALBERS EQUAL AREA PROJECTION
STANDARD PARALLELS AT 29 1/2 AND 45 1/2



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