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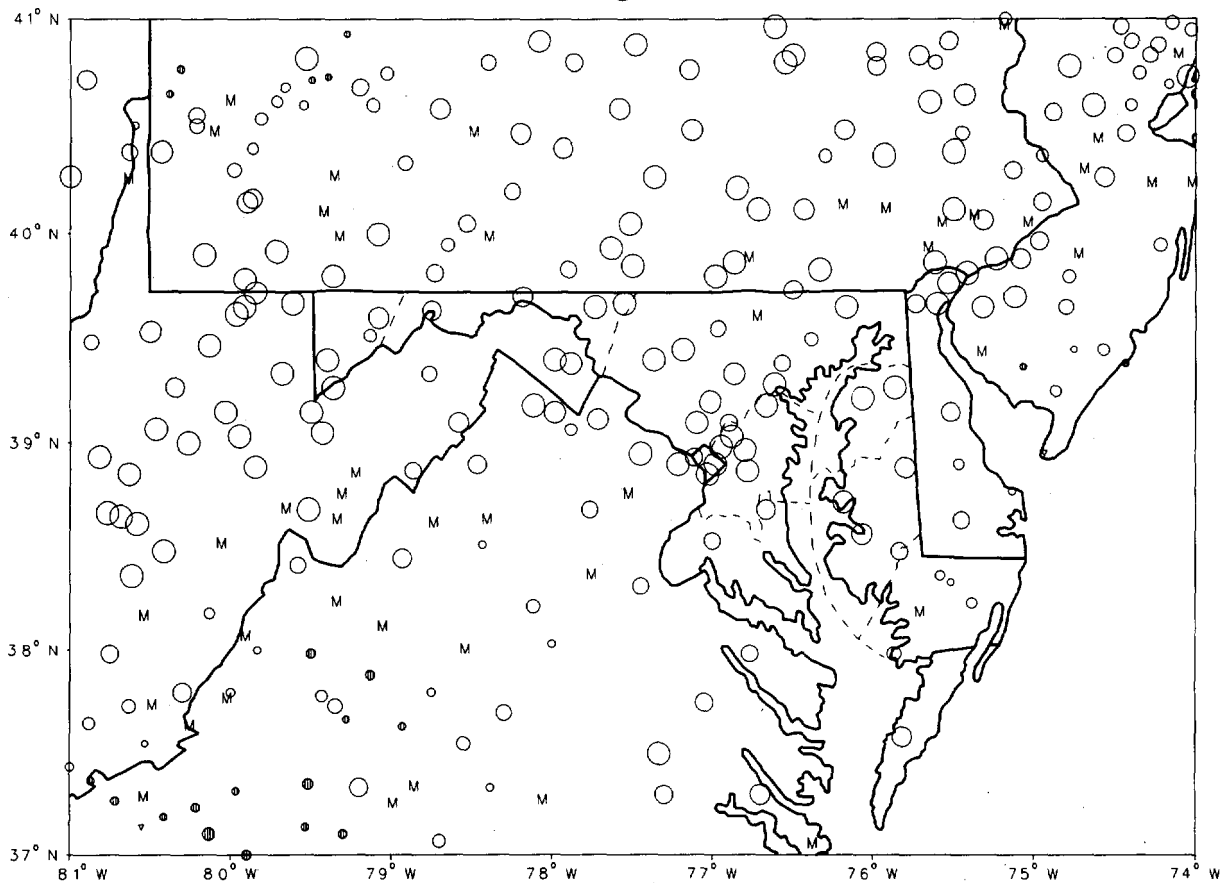
CLIMATOLOGICAL DATA MARYLAND AND DELAWARE

MARCH 1987

VOLUME 91 NUMBER 3

MONTHLY PRECIPITATION DEPARTURE FROM INDIVIDUAL STATION NORMALS (1951-1980)

- M INCOMPLETE DATA FOR THE MONTH
- ▽ EXACTLY NORMAL
- ○ ○ ○ 5, 10, 20, ... 50% OR MORE BELOW NORMAL
- ● ● ● 10, 20, 40, ... 100% OR MORE ABOVE NORMAL



CIRCLE DIAMETER IS PROPORTIONAL TO DEPARTURE ON A CONTINUOUS SCALE

I CERTIFY THAT THIS IS AN OFFICIAL PUBLICATION OF THE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION AND IS COMPILED FROM INFORMATION RECEIVED AT THE NATIONAL CLIMATIC DATA CENTER.

Kenneth D. Haden

DIRECTOR, NATIONAL CLIMATIC DATA CENTER

noaa

NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

NATIONAL ENVIRONMENTAL SATELLITE, DATA AND INFORMATION SERVICE

NATIONAL CLIMATIC DATA CENTER ASHEVILLE NORTH CAROLINA

TEMPERATURE AND PRECIPITATION EXTREMES

MARYLAND AND
DELAWARE
MARCH 1987

MARYLAND
HIGHEST TEMPERATURE 80
LOWEST TEMPERATURE 9
GREATEST TOTAL PRECIPITATION 4.59
LEAST TOTAL PRECIPITATION .72
GREATEST 1 DAY PRECIPITATION 1.90
GREATEST TOTAL SNOWFALL 9.9
GREATEST DEPTH OF SNOW OR ICE 8

DELAWARE
HIGHEST TEMPERATURE 75
LOWEST TEMPERATURE 17
GREATEST TOTAL PRECIPITATION 4.05
LEAST TOTAL PRECIPITATION 1.12
GREATEST 1 DAY PRECIPITATION 1.36
GREATEST TOTAL SNOWFALL .2

MARCH 30
MARCH 17

MARCH 25
MARCH 1

MARCH 8
MARCH 11

MARCH 28

GLENN DALE BELL STN
OAKLAND 1 SE
ASSATEAGUE ISLAND NATL SE
HAGERSTOWN
CATOCTIN MOUNTAIN PARK
OAKLAND 1 SE
CATOCTIN MOUNTAIN PARK

2 STATIONS
NEWARK UNIVERSITY FARM
LEWES
MIDDLETOWN 3 E
MILFORD 4 SE
2 STATIONS

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

MARYLAND AND
DELAWARE
MARCH 1987

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
MARYLAND																					
SOUTHERN EASTERN SHORE 01																					
ASSATEAGUE ISLAND NATL SE	51.8	34.4	43.1		72 9	20 10	672	0	0	1 12	0	4.59		1.00	31	1.0	1	16	5	3	1
CRISFIELD SOMERS COVE	54.6	37.7	46.2	.3	70 28+	23 10	580	0	0	0 9	0	3.04	-1.00	.78	28		0		6	3	0
PRINCESS ANNE																					
SALISBURY	58.5	36.8	47.7	1.7	72 26+	23 10+	531	0	0	0 9	0	3.81	-.41	1.00	28	1.0	0		8	3	1
SALISBURY FAA AP	55.2	34.3	44.8	.6	72 26+	22 6+	619	0	0	0 16	0	4.01	-.07	.87	27	1.0	0		8	4	1
SNOW HILL 4 N	56.1	34.4	45.3	.3	73 26+	19 6	606	0	0	0 16	0	3.96	-.64	1.24	1	2.4	1	10	9	3	0
--DIVISIONAL DATA-->																					
CENTRAL EASTERN SHORE 02																					
CAMBRIDGE WTR TRMT PL	57.8	37.1	47.5	3.0	73 8+	23 11+	537	0	0	0 8	0	2.31	-1.75	.60	1	.0	0		7	1	0
DENTON 2 E	59.3	34.7	47.0	2.9	75 8	21 11+	550	0	0	0 16	0	2.21	-1.71	.51	1	.0	0		6	2	0
ROYAL OAK 2 SSW	57.3	36.9	47.1	1.9	72 7	22 11	547	0	0	0 11	0	2.27	-1.80	.62	1	.5	T		6	2	0
VIENNA	59.5	37.2	48.4	2.8	74 26	23 11+	507	0	0	0 10	0	2.64	-1.28	.92	1	.0	0		6	1	0
--DIVISIONAL DATA-->																					
LOWER SOUTHERN 03																					
LA PLATA 1 W	60.5	33.9	47.2	2.0	77 26	19 5	545	0	0	0 16	0	2.60	-1.16	.68	1	1.1	T		8	2	0
MECHANICSVILLE 1 E	56.7	33.2	46.0		75 26+	20 6+	584	0	0	0 17	0	2.31		.78	1	1.8	T		7	1	0
OWINGS FERRY LANDING	59.3	34.9	47.1	2.5	74 8+	21 6	548	0	0	0 14	0	2.20	-1.34	.67	1	1.6	T		7	2	0
PATUXENT RIVER	55.1	36.9	46.0		74 1	26 11	580	0	0	0 8	0	2.35		.50	3	1.6	T		8	1	0
--DIVISIONAL DATA-->																					
UPPER SOUTHERN 04																					
ANNAPOLIS POLICE BRKS	60.3	31.9	46.1		75 7	19 10	577	0	0	0 18	0	1.51		.62	1	.0	0		5	1	0
BALTIMORE WSO AP	57.4	35.0	46.2	2.9	74 8	21 11+	576	0	0	0 13	0	.99	-2.73	.33	1	T	T		4	0	0
BELTSVILLE	57.0	34.1	45.6	3.7	73 25+	20 11+	596	0	0	0 15	0	.92	-2.57	.41	31	T	T		4	0	0
COLLEGE PARK	58.3	36.2	47.3	2.7	76 8	21 11	545	0	0	0 13	0	1.66	-1.99	.84	1	.0	0		4	1	0
DALECARLIA RESVR D C	61.2	34.5	47.9	3.0	78 1	21 11	525	0	0	0 14	0	2.54	-1.29	.90	31	.0	0		5	2	0
GLENN DALE BELL STN	61.9	30.2	46.1	2.2	80 30+	15 5	579	0	0	0 19	0	1.92	-1.78	.75	1	.3	0		5	2	0
LAUREL 3 W	57.7	36.8	47.3	3.1	73 7	23 6+	551	0	0	0 14	0	2.43	-1.23	.98	31	T	T		5	3	0
NATIONAL ARBORETUM D C	59.4	33.9	46.7	1.1	75 8	20 12	561	0	0	0 16	0	1.61	-2.14	.73	1	T	0		5	1	0
UPPER MARLBORO 3 NNW	57.5	34.0	45.8		75 9+	19 6+	590	0	0	0 18	0	1.82	-1.90	.62	1	T	0		5	1	0
--DIVISIONAL DATA-->																					
NORTHERN EASTERN SHORE 05																					
CHESTERTOWN	56.8	35.2	46.0	2.6	74 8	20 11	579	0	0	0 11	0	1.12	-2.86	.37	31	.4	T		4	0	0
MILLINGTON 1 SE	58.6	34.3	46.5	3.7	73 7	19 11	569	0	0	0 18	0	1.48	-2.22	.60	1	.0	0		4	1	0
--DIVISIONAL DATA-->																					
NORTHERN CENTRAL 06																					
ABERDEEN PHILLIPS FLD	58.0	34.3	46.2		70 8+	19 11	575	0	0	0 15	0	1.49		.89	1	.0	0		3	1	0
BALTIMORE WSO CI	59.8	40.7	50.3	4.8	79 7	24 11+	448	0	0	0 6	0	1.47		.46	1	M	0		4	0	0
BENSON POLICE BARRACKS	61.3	31.8	46.6	4.5	75 8+	14 11	563	0	0	0 18	0	3.17	-.87	1.50	1	T	T		4	2	0
BOYDS 2 NW	57.5	34.1	45.8		74 8	15 10	586	0	0	0 16	0	1.71		.69	1	T	T		5	1	0
CACTOIN MOUNTAIN PARK	53.3	32.9	43.1		70 29	12 11	670	0	0	0 15	0	4.37		1.90	25	.0	0		4	3	0
CLARKSVILLE 3 NNE	59.3	30.3	44.8		75 8	16 14+	618	0	0	0 19	0	2.56		1.14	31	.0	0		4	2	1
CONOWINGO DAM	56.8	30.4	43.6	2.5	74 7	18 11	654	0	0	0 22	0	1.38		.50	30	.0	0		3	1	0
DAMASCUS 2 SW	59.6	34.0	44.8		73 8	13 11	617	0	0	0 15	0	1.86	-2.61	.72	1	.0	T		4	2	0
EMMITSBURG 2 SE	56.7	30.2	43.5		72 29	15 11	659	0	0	0 21	0	2.19		1.25	1	.0	0		4	2	1

SEE REFERENCE NOTES FOLLOWING STATION INDEX

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

MARYLAND AND
DELAWARE
MARCH 1987

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	1.0 OR MORE	.50 OR MORE	1.00 OR MORE			
FREDRICK POLICE BRKS PARKTON 2 SW //	58.7	34.7	46.7		77 7	15 10	560	0	0	0	15	0	1.69		.95 1	0	0				4	1	0	
ROCKVILLE 1 NE	58.3	34.5	46.4	2.3	76 8+	16 10	567	0	0	0	14	0	1.80	-1.74	.67 31	T	T				5	1	0	
TOWSON	58.7	30.4	44.6		74 8+	11 10	624	0	0	0	18	0	2.79	-1.25	1.38 1	T	T				4	2	0	
UNIONVILLE	59.0	25.1	42.1	1.2	73 9+	10 11+	705	0	0	0	21	0	1.32	-2.06	.60 1	T	T				3	1	0	
WESTMINSTER POLICE BRK	58.6	33.3	46.0	5.0	75 9+	14 11+	583	0	0	0	15	0	2.82	-1.10	1.48 1	T	T				4	2	0	
WOODSTOCK	58.5	32.6	43.6	3.5	74 8+	16 11	593	0	0	0	16	0	2.11	-1.83	.81 31	T	T				4	2	0	
--DIVISIONAL DATA-->			45.3	3.0									2.18	-1.64										
APPALACHIAN MOUNTAIN 07																								
CUMBERLAND 2	58.1	30.1	44.1	2.0	76 29	17 10+	640	0	0	0	19	0	2.27	-1.34	.90 31	1.0	16+			6	2	0		
FROSTBURG 2	48.1	28.1	38.1		70 30	12 11	824	0	0	0	32	0	2.55		1.13 31	7.6	6			6	1	1		
HAGERSTOWN	56.5	33.1	44.8	2.7	74 7	15 11+	618	0	0	0	16	0	.72	-2.66	.36 1	.5	0			5	2	0		
HANCOCK FRUIT LAB	59.0	29.1	44.1	4.1	76 29	12 11	640	0	0	0	20	0	2.02	-1.47	.63 30	3.0	0			5	2	0		
--DIVISIONAL DATA-->			42.8	1.8									1.89	-1.77										
ALLEGHENY PLATEAU 08																								
MC HENRY 2 NW	50.3	27.9	39.1		73 30	10 11+	796	0	0	0	21	0	2.55		1.08 31	8.5	6 1			6	1	1		
OAKLAND 1 SE	51.9	25.5	38.7	2.3	70 29	9 17	806	0	0	0	24	0	2.00	-2.42	.61 31	9.9	3 1			6	1	0		
SAVAGE RIVER DAM	52.7	26.6	39.7	2.9	74 30	16 11+	779	0	0	0	21	0	2.73	-1.65	1.06 31	6.0	6 16			4	3	1		
--DIVISIONAL DATA-->			39.2	3.4									2.43	-1.78		8.1								
DELAWARE																								
NORTHERN 01																								
MIDDLETOWN 3 E	56.4	34.1	45.3		73 8	19 11	605	0	0	0	16	0	1.12		.46 30	T	T			3	0	0		
NEWARK UNIVERSITY FARM	58.5	32.0	45.3	3.2	75 8	17 11	605	0	0	0	20	0	2.29	-1.37	.86 31	.0	0			3	2	0		
WILMINGTON WSO AP	55.4	33.7	44.6	2.8	73 8	19 11	628	0	0	0	14	0	1.16	-2.71	.49 30	.2	T			4	0	0		
WILMGTON PORTER RESVR	55.5	34.7	45.1	4.1	74 8	18 11	608	0	0	0	13	0	2.14	-1.93	.78 1	.0	T			4	2	0		
--DIVISIONAL DATA-->			45.1	3.1									1.68	-2.09		.1								
SOUTHERN 02																								
DOVER	57.7	37.0	47.4	3.1	73 8	19 11	546	0	0	0	7	0	2.42	-1.45	.68 31	.2	0			5	3	0		
GEORGETOWN 5 SW	55.3	33.5	44.4	.9	73 9+	20 6	632	0	0	0	16	0	2.73	-1.24	1.09 28	.0	0			6	3	1		
GREENWOOD 2 NE	56.9	34.7	45.8		74 8	22 11+	589	0	0	0	15	0	2.81		.76 28	T	T			6	3	0		
LEWES	53.9	36.7	45.3	2.0	75 8	23 10	604	0	0	0	7	0	4.05	-.16	1.25 28	.0	0			7	3	1		
MILFORD 4 SE	55.5	34.1	44.8	.5	74 8	20 11	617	0	0	0	18	0	3.49	-.54	1.36 28	T	T			6	3	1		
--DIVISIONAL DATA-->			45.5	1.6									3.10	-.93		.1								

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION (INCHES)

MARYLAND AND
DELAWARE
MARCH 1987

STATION	TOTAL	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	4.59	.78	.36						.38	.45		.30	.31			.10	.06					.05	.05					.75			1.00	
CRISFIELD SOMERS COVE	3.04	.76						.23				.37				.25												.78			.65	
PRINCESS ANNE H																																
SALISBURY	3.81	.82							.25	.40	T	.12	.08			.18	T					T							1.00	.35	.61	
SALISBURY FAA AP	4.01	.77						.36	.12		T	.32	.06		.04	.07						.01					.87	.12	.57	.70		
SNOW HILL 4 N CENTRAL EASTERN SHORE 02																																
CAMBRIDGE HTR TRMT PL	2.31	.60			T				.36	.16						.02	.24											.35	.22	.36		
DENTON 2 E	2.21	.51							.12	.25					T		.24										.41	.46	.44			
ROYAL OAK 2 SSW	2.27	.62						.21	.11						.07	.08							T				.41	.27	.50			
VIENNA	2.64	.92						.27				.01				.20											.47	.30	.47			
LOWER SOUTHERN 03																																
LA PLATA 1 W	2.60	.68							.29	.19					.14	.36												.15	.28	.51		
MECHANICSVILLE 1 E	2.31	.78		T					.28	.10		T			.09	.42												.21	.20	.23		
OWINGS FERRY LANDING	2.20	.67							.22	.19					.04	.51											T	.17	.18	.22		
PATUXENT RIVER	2.35	.43						.02	.50	.03					.23	.21							T				T	.13	.33	.30	.17	
UPPER SOUTHERN 04																																
ANNAPOLIS POLICE BRKS	1.51	.62							.09	.04					.01	.10													.13	.20	.32	
BALTIMORE HSO AP R	.99	.33	T	T					.08	T					.02	T						T	T					.02	.19	.20	.15	
BELTSVILLE	.92	.11	T						.04	.04						.15											.01	T	.20	.41	.41	
COLLEGE PARK	1.66	.84							T	T						.26												.20	.36	.36		
DALECARLIA RESVR D C	2.54	.76		.02					.04	.04		.01				.33										.02	.20	.26	.90	.90		
GLENN DALE BELL STN	1.92	.75		T				.01	.24	.24						.18									T	.01	.20	.23	.50	.50		
LAUREL 3 W NATIONAL ARBORETUM D C UPPER MARLBORO 3 NNW																																
NORTHERN EASTERN SHORE 05																																
CHESTERTOWN	1.12	.32		T	T				T	T		.03				T	T						T				T	.20	.20	.37		
HILLINGTON 1 SE	1.48	.60							T	T						.01							.02	T			T	.32	.17	.36		
NORTHERN CENTRAL 06																																
ABERDEEN PHILLIPS FLD	1.49	.89	T	T					T																		T	T		.11	.49	
BALTIMORE HSO C1	1.47	.46							.10																			.02	.17	.33	.37	
BENSON POLICE BARRACKS	3.17	1.50	.02	T						.01													.03				.02	.10	.31	1.20		
BOYDS 2 NW	1.71	.69								.10						.15											.04	.27	.09	.37		
BRIGHTON DAM	2.01	.31							T	.10					T		.15									T	.30	.30	.30	1.10		
CATOCTIN MOUNTAIN PARK CLARKSVILLE 3 NNE CONOWINGO DAM DAMASCUS 2 SW EMMITSBURG 2 SE																																
FREDRICK POLICE BRKS	1.69	.95														.05	.05											.10	.05	.09	.10	.35
FREDERICK 3 E	1.59	.92	.08						T							.05												.11	.19	.24	.24	
PARKTON 2 SW H																																
POTOMAC FILTER PLANT	1.02	.10							.10	T						.10													.16	.26	.30	
ROCKVILLE 1 NE	1.80	.28			T				.04	T						.10	.05									.03	.01	.17	.35	.67		
TOWSON UNIONVILLE WESTMINSTER POLICE BRK WOODSTOCK																																
UNIONVILLE	2.79	1.38																									T	.29	.29	.95		
WESTMINSTER POLICE BRK	1.32	.60								T					T												.06	.20	.46			
WOODSTOCK	2.82	1.48																								T	.05	T	.15	.90		
	2.11	.80								T																	T	.31	.19	.81		

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION (INCHES)

MARYLAND AND
DELAWARE
MARCH 1987

STATION	TOTAL	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	
APPALACHIAN MOUNTAIN 07																																	
CUMBERLAND 2	2.27	.63	.03	T								T			.10	.21											.17		.07		.16	.90	
EDGE MONT	1.41	.85	.09	T								T			.02	T											.11	.13		T	T	.21	
FROSTBURG 2	2.55	.48	.09	.01	.01	T			T			T	T	T	.15	.36											.17	.05	.15	.03	.10	1.13	
HAGERSTOWN	.72	.36													T	T							T				.06	.15	.03	.03	.09		
HANCOCK FRUIT LAB	2.02	.51													.13											.06	.05	.21	.63	.43			
ALLEGHENY PLATEAU 08																																	
MC HENRY 2 NH	2.55	.24	.30	.17	.04	.08						T			.06	.38											.07		T		.13	1.08	
MERRILL	2.26	.30	.10	T								T			.10	.31														.45	1.00		
OAKLAND 1 SE	2.00	.20	.12	T	.03							T		T	.20	.39										T	.05		.40	.61			
SAVAGE RIVER DAM	2.73	.60	.08	T	T							T			.06	.51										T	.06		.02	.34	1.06		
DELAWARE NORTHERN 01																																	
MIDDLETOWN 3 E	1.12			T	T																		.09						.37	.46	.20		
NEWARK UNIVERSITY FARM	2.29	.83		.01											.05								.02	.03						.47	.86		
WILMINGTON WSO AP	1.16	.27	T	T					.01			T			.01						T		.02	.03			T	.19	.49	.19			
WILMGTN PORTER RESVR	2.14	.78							T												.03	T	.06				T	.20	.76	.28			
SOUTHERN 02																																	
DOVER	2.42	.52							.10	.09		.05	.07		.02								.02	.04					.59	.02	.22	.68	
GEORGETOWN 5 SW	2.73	.57	.03						.12	.10		.10																	1.09	.72			
GREENWOOD 2 NE	2.81	.61		T					.28	.10		.06	.01		T	T							.02						.76	.33	.64		
LEWES	4.05	.77							.19	.09		.25	.32																1.25	.37	.75		
MILFORD 4 SE	3.49	.61							.24	.05	*	.02	.34										.02	.04					1.36	.26	.61		

SEE REFERENCE NOTES FOLLOWING STATION INDEX
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DAILY TEMPERATURES (°F.)

MARYLAND AND
DELAWARE
MARCH 1987

STATION	OB. TIME	MAX/MIN	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	
NATIONAL ARBORETUM D C	08	MAX MIN	49 29	72 43	67 34	58 31	51 21	45 28	59 31	75 36	74 49	63 21	48 21	46 21	50 20	42 29	49 26	55 28	60 32	59 34	61 36	60 40	59 31	65 34	70 36	66 43	71 43	70 48	68 43	72 48	67 52	59.4 33.9			
UPPER MARLBORO 3 NNW	08	MAX MIN	49 33	72 44	54 30	56 32	38 19	45 19	58 27	75 45	75 47	62 24	35 22	38 25	47 29	45 26	50 28	43 34	48 24	55 28	60 31	58 28	60 37	55 40	58 29	64 31	68 32	67 48	72 40	71 50	69 45	72 52	62 55	57.5 34.0	
NORTHERN EASTERN SHORE	05																																		
CHESTERTOWN	23	MAX MIN	68 41	54 40	53 34	36 30	43 25	53 24	73 36	74 41	67 34	35 23	38 20	44 30	47 30	49 28	44 35	47 31	52 31	58 32	55 34	57 36	52 36	57 42	65 35	69 34	70 35	70 51	69 44	68 51	71 45	71 51	60 34	64 35	56.8 35.2
MILLINGTON 1 SE	18	MAX MIN OBS	67 39	67 44	53 31	50 30	44 24	54 22	73 31	72 36	67 49	57 24	37 19	43 28	48 32	48 27	45 35	48 31	53 28	57 26	55 29	55 33	57 41	65 31	64 32	68 30	68 32	69 49	67 39	68 51	69 46	62 51	65 44	58.6 34.3	
NORTHERN CENTRAL	06																																		
ABERDEEN PHILLIPS FLD	16	MAX OBS MIN OBS	64 37	57 41	52 25	52 29	52 25	51 23	70 34	70 41	65 50	61 23	36 19	43 28	45 28	49 25	47 30	47 30	54 30	57 34	59 36	59 31	59 34	59 34	63 29	67 32	66 33	69 48	69 44	66 42	67 42	61 52	63 47	58.0 34.3	
BALTIMORE WSO CI	MID	MAX MIN	72 44	56 46	58 38	38 32	49 30	62 35	79 46	77 53	69 32	37 24	39 24	50 33	48 34	53 32	44 36	50 38	57 34	62 41	60 40	64 41	54 40	61 47	69 46	68 45	66 50	73 50	73 53	71 56	70 53	60 55	64 35	59.8 40.7	
BENSON POLICE BARRACKS	17	MAX OBS MIN	57 35	56 39	54 29	53 26	51 21	58 20	75 30	75 39	74 47	56 18	41 14	51 24	49 26	51 23	49 31	58 27	62 31	62 29	63 31	61 40	63 33	69 30	74 30	72 33	71 41	73 38	70 48	73 40	73 48	65 39	62 31	61.3 31.8	
BOYDS 2 NW	18	MAX OBS MIN	67 30	55 41	53 36	49 27	49 28	58 26	73 38	74 41	69 38	39 15	38 16	46 23	45 27	48 25	39 32	46 30	46 26	57 30	56 32	60 30	59 35	57 43	64 37	68 41	60 40	69 48	68 43	66 51	72 46	65 51	61 31	57.5 34.1	
CATOCTIN MOUNTAIN PARK	17	MAX OBS MIN	57 33	46 35	45 35	40 18	45 23	55 26	67 41	68 49	64 49	55 24	34 12	41 19	42 23	41 20	36 25	42 26	49 23	53 30	54 28	56 28	53 28	51 39	58 34	65 40	60 41	61 44	62 43	66 48	70 49	59 48	58 40	53.3 32.9	
CLARKSVILLE 3 NNE	17	MAX MIN	69 38	66 43	53 28	49 26	46 17	59 19	73 27	75 29	67 47	54 20	38 16	48 18	45 22	48 16	41 32	47 33	59 20	58 19	61 22	61 22	58 36	65 44	69 24	64 27	71 28	68 49	72 53	68 35	67 51	62 41	59.3 30.3		
CONOWINGO DAM	MID	MAX MIN	54 39	54 30	52 27	44 26	46 25	57 20	74 27	73 32	64 32	39 19	38 18	46 26	47 28	48 27	43 30	47 26	52 24	59 34	56 28	59 27	54 28	58 39	65 28	70 33	67 30	68 41	67 35	67 42	70 46	62 31	56.8 30.4		
DAMASCUS 2 SW	19	MAX MIN	66 35	50 41	52 36	43 27	43 21	57 26	72 41	73 46	66 36	15 15	13 22	45 28	44 24	40 31	46 30	53 26	57 29	60 31	56 34	60 34	52 29	55 43	63 26	68 26	58 43	68 26	66 41	71 32	60 49	60 38	55.6 34.0		
EMMITSBURG 2 SE	17	MAX MIN	63 34	53 42	51 32	47 26	43 17	55 21	71 28	71 33	66 43	43 19	43 20	44 20	45 26	44 31	40 21	53 28	59 28	56 24	61 28	58 28	58 43	61 26	61 26	56 32	61 41	68 32	63 49	66 38	65 50	65 37	56.7 30.2		
FREDRICK POLICE BRKS	17	MAX OBS MIN	61 35	55 42	53 38	51 26	44 22	58 25	77 37	73 42	70 51	61 15	38 18	46 24	45 29	47 27	45 32	47 30	54 29	59 27	59 32	61 31	61 34	51 44	62 32	69 34	67 41	68 45	67 42	65 51	73 45	70 53	62 59	58.7 34.7	
PARKTON 2 SW	23	MAX MIN																																	M M
ROCKVILLE 1 NE	17	MAX MIN	72 43	53 42	55 34	35 24	45 22	62 21	76 36	76 45	68 26	34 16	38 17	48 23	44 28	46 25	41 34	47 32	55 30	59 30	59 34	63 32	54 38	59 41	67 37	71 40	64 52	73 46	72 51	73 52	61 56	66 30	58.3 34.5		
TOWSON	18	MAX OBS MIN OBS	65 25	55 37	53 32	50 25	51 22	58 21	74 38	74 42	65 34	54 11	32 16	50 22	48 31	49 23	47 23	45 19	55 20	60 25	58 31	61 31	62 31	58 33	65 38	70 31	69 36	65 40	71 38	68 41	69 48	60 37	60 31	58.7 30.4	
UNIONVILLE	18	MAX MIN OBS	67 35	48 22	53 28	53 15	53 18	58 20	72 34	73 35	65 27	60 10	38 10	45 15	47 14	47 18	45 25	47 23	48 11	52 20	59 22	61 23	61 24	60 33	62 29	69 21	67 33	68 35	72 31	73 34	73 35	70 43	62 25	59.0 25.1	
WESTMINSTER POLICE BRK	17	MAX MIN OBS	65 36	65 41	59 35	53 24	50 20	57 25	70 45	71 51	71 50	55 14	36 14	45 22	45 26	43 30	47 28	52 25	55 31	55 29	58 31	59 30	55 41	62 35	68 35	69 38	65 45	66 44	64 50	75 45	69 48	69 36	58.6 33.3		

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES (°F)

MARYLAND AND
DELAWARE
MARCH 1987

STATION	OB. TIME	MAX/MIN	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	18	MAX MIN	69 37	58 41	52 35	48 28	45 18	58 20	74 34	74 34	69 50	54 19	37 16	48 21	45 26	48 23	43 32	47 32	54 25	59 27	58 30	60 28	59 34	57 44	66 30	70 31	63 33	69 46	68 37	67 52	73 41	62 50	60 38	58.5 32.6			
APPALACHIAN MOUNTAIN	07																																				
CUMBERLAND 2	18	MAX MIN	60 36	53 38	52 25	43 19	48 19	66 26	74 32	74 36	67 17	45 17	41 18	51 27	46 22	46 23	36 29	47 27	53 27	61 29	61 30	60 33	56 35	58 29	63 30	69 37	63 43	67 39	68 39	71 42	76 44	68 40	59 26	58.1 30.1			
FROSTBURG 2	07	MAX MIN	37 26	49 32	38 30	42 18	26 16	40 16	58 29	64 43	65 46	58 13	30 12	33 13	42 20	36 19	38 19	30 22	38 21	44 21	53 26	54 29	51 30	46 29	50 31	55 32	61 36	50 41	58 38	59 40	63 44	70 44	53 34	48.1 28.1			
HAGERSTOWN	18	MAX OBS MIN OBS	55 36 38 33	52 28 33	51 35 33	44 25	45 20	59 24	74 39	72 42	65 36	37 15	38 15	47 24	45 28	44 22	40 31	45 28	54 27	59 27	57 30	62 32	56 32	54 44	64 28	69 35	61 47	68 43	65 41	67 47	67 48	73 52	62 38	56.5 33.1			
HANCOCK FRUIT LAB	16	MAX MIN	54 35	53 41	49 34	47 16	48 19	63 19	72 25	75 50	72 18	71 16	37 12	50 22	50 27	47 15	46 31	46 28	51 21	61 32	61 26	60 21	59 31	54 43	62 21	68 25	67 35	66 35	66 32	69 47	76 38	73 53	56 35	59.0 29.1			
ALLEGHENY PLATEAU	08																																				
MC HENRY 2 NW	08	MAX MIN	40 28	52 27	38 27	42 16	27 15	46 21	59 33	63 44	65 45	53 10	34 10	33 12	46 20	36 18	39 23	31 23	43 17	45 20	57 30	56 26	51 28	48 27	54 30	59 35	61 43	55 40	60 38	65 41	66 43	73 48	62 28	50.3 27.9			
OAKLAND 1 SE	17	MAX MIN	59 36	45 28	43 34	41 18	46 11	60 11	63 26	64 24	60 37	41 12	35 13	42 24	34 22	36 12	41 28	46 9	53 16	56 28	55 18	50 25	52 24	57 24	61 26	60 47	60 41	64 27	64 42	70 30	60 50	51 22	51.9 25.5				
SAVAGE RIVER DAM	08	MAX MIN	41 30	51 33	44 33	46 22	31 16	46 18	63 26	67 32	70 34	62 16	34 16	35 17	47 23	40 18	41 20	33 27	45 17	49 21	57 23	60 25	55 28	55 28	56 26	60 29	65 33	55 36	62 33	65 37	70 35	74 39	54 34	52.7 26.6			
DELAWARE																																					
NORTHERN	01																																				
MIDDLETOWN 3 E	17	MAX MIN OBS	68 38 38	61 42 32	52 32	38 28	42 24	53 23	72 33	73 41	67 47	48 23	35 19	41 28	46 33	47 26	42 33	46 29	52 26	58 30	55 30	56 32	50 32	56 40	63 34	67 30	68 32	68 49	67 40	66 49	67 41	59 48	64 44	56.4 34.1			
NEWARK UNIVERSITY FARM	17	MAX MIN	67 37	65 31	52 25	48 27	45 25	55 21	74 28	75 39	70 46	51 22	37 17	42 28	41 27	48 29	45 32	48 29	54 23	60 27	58 30	58 29	52 31	58 38	67 41	70 31	69 32	69 36	70 39	71 44	72 40	61 43	61 45	58.5 32.0			
WILMINGTON WSO AP	MID	MAX MIN	59 41	51 37	50 33	36 25	43 24	52 23	72 34	73 40	63 32	35 23	36 19	40 31	47 33	46 27	45 33	47 29	57 27	59 29	57 30	57 31	50 32	58 41	66 36	68 33	65 35	67 47	67 41	68 50	66 46	60 50	60 33	55.4 33.7			
WILMINGTON PORTER RESVR	MID	MAX MIN	61 39	50 37	50 34	35 27	45 26	53 27	72 37	74 44	65 30	35 22	36 18	40 31	46 32	47 28	44 34	47 30	52 29	59 32	56 33	57 34	49 32	57 33	65 40	67 36	68 38	65 48	67 45	68 49	67 48	61 50	61 33	55.5 34.7			
SOUTHERN	02																																				
DOVER	17	MAX MIN	71 38	70 43	53 38	52 30	45 25	52 23	68 40	73 46	69 49	57 26	37 19	42 27	38 36	48 32	48 37	46 33	51 33	58 33	58 33	58 37	58 34	55 39	65 35	67 34	62 34	70 49	70 47	63 56	63 49	65 48	61 49	57.7 37.0			
GEORGETOWN 5 SW	08	MAX MIN	58 37	68 42	53 30	54 25	40 24	43 20	53 33	73 41	73 50	63 23	33 23	37 25	38 33	43 26	48 34	45 33	47 27	52 27	57 31	55 30	56 31	52 38	54 28	61 29	64 28	67 38	71 43	62 50	64 42	68 45	62 54	55.3 33.5			
GREENWOOD 2 NE	18	MAX MIN	72 40	63 45	53 32	46 25	43 25	52 22	71 33	74 38	65 50	51 23	35 22	39 31	45 33	47 28	42 35	46 34	51 29	56 29	55 31	56 31	55 29	55 41	64 31	66 30	68 49	70 69	69 48	64 42	70 47	60 44	65 34	56.9 34.7			
LEWES	17	MAX MIN	59 41	57 45	52 36	52 31	39 29	54 25	72 39	75 47	58 47	53 23	34 25	37 31	39 33	43 33	43 35	48 29	53 33	53 33	52 37	53 35	53 35	47 39	57 35	61 33	64 34	66 47	62 43	61 46	65 43	58 49	62 48	53.9 36.7			
MILFORD 4 SE	17	MAX OBS MIN OBS	65 37 45 31	64 31 31	54 31	48 27	42 24	53 23	72 35	74 44	60 48	53 22	37 20	37 23	43 32	44 28	41 32	46 33	50 35	56 29	54 33	54 37	51 35	53 39	58 35	62 33	65 34	69 47	63 43	63 46	67 43	59 49	63 48	55.5 34.1			

SEE REFERENCE NOTES FOLLOWING STATION INDEX

SNOWFALL AND SNOW ON GROUND (INCHES)

MARYLAND AND
DELAWARE
MARCH 1987

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 SES																1.0															
SNOWFALL																1															
SN ON GND																															
SALISBURY FAA AP																															
SNOWFALL																															
SN ON GND																															
SNOW HILL 4 N																															
SNOWFALL																															
SN ON GND																															
CENTRAL EASTERN SHORE 02																															
ROYAL OAK 2 SSW																															
SNOWFALL																															
SN ON GND																															
LOWER SOUTHERN 03																															
LA PLATA 1 W																															
SNOWFALL																															
SN ON GND																															
OHINGS FERRY LANDING																															
SNOWFALL																															
SN ON GND																															
UPPER SOUTHERN 04																															
BALTIMORE WSO AP																															
SNOWFALL																															
SN ON GND																															
WTR EQUIV																															
BELTSVILLE																															
SNOWFALL																															
SN ON GND																															
GLENN DALE BELL STN																															
SNOWFALL																															
SN ON GND																															
UPPER MARLBORO 3 NNW																															
SNOWFALL																															
SN ON GND																															
NORTHERN EASTERN SHORE 05																															
CHESTERTOWN																															
SNOWFALL																															
SN ON GND																															
NORTHERN CENTRAL 06																															
CATOCTIN MOUNTAIN PARK																															
SNOWFALL																															
SN ON GND																															
CONOWINGO DAM																															
SNOWFALL																															
SN ON GND																															
DAMASCUS 2 SW																															
SNOWFALL																															
SN ON GND																															
ROCKVILLE 1 NE																															
SNOWFALL																															
SN ON GND																															
UNIONVILLE																															
SNOWFALL																															
SN ON GND																															
WOODSTOCK																															
SNOWFALL																															
SN ON GND																															

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

SNOWFALL AND SNOW ON GROUND (INCHES)

MARYLAND AND
DELAWARE
MARCH 1987

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		
APPALACHIAN MOUNTAIN	07																																	
CUMBERLAND 2																.5	.5																	
FROSTBURG 2		T	.2	.1	.3	T							T	T	T	3.0	4.0																	
HANCOCK FRUIT LAB		4	3	2	2	2	1	1	T	T	T	T	T	T	T	2	6	3	2	1	T	T	T											
																.5																		
ALLEGHENY PLATEAU	08																																	
MC HENRY 2 NW		6	1.0	1.0	.5	1.0						T	T	T	T	4.0	4	3	1	T	T	T	T	T							1.0			
OAKLAND 1 SE			.6	T	1.0							T	T	T	1.0	4.3																3.0		
SAVAGE RIVER DAM			T	T	T							T	T	T	T	6.0	6	2	1	T												3		
		T	T	T	T	T						T	T	T	T	6	6	2	1	T														
DELAWARE																																		
NORTHERN	01																																	
MIDDLETOWN 3 E					T																													
WILMINGTON WSO AP				T	T					.1			T			.1																		
		T		T	T											T																		
SOUTHERN	02																																	
DOVER																																		
MILFORD 4 SE												.2																						
											T																							
											T																							
													T	T																				
													T	T																				

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
MARCH 1987

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 ISLAND NATL	0335	01	WORCESTER	38 14	75 8W	25	07	07			H	NATIONAL PARK SERVICE
BALTIMORE WSO AP	0465	04	ANNE ARUNDEL	39 11	76 40W	196	MID	MID		C	C	NATL WEATHER SERVICE
BALTIMORE WSO CI #	0470	06	BALTO CITY	39 17	76 37W	120	MID	MID		C	C	OCEM COMMANDING OFFICER
BELTSVILLE	0700	04	PRN GEORGES	39 30	76 53W	120	08	08	08	C	C	U S DEPT OF AGRICULTURE
BENSON POLICE BARRACKS	0732	06	HARFORD	39 30	76 23W	56	17	17			H	MARYLAND STATE POLICE
BOYDS 2 NW	1032	06	MONTGOMERY	39 13	77 20W	580	18	18			H	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	INACTIVE 02/01/86
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			H	UNIVERSITY OF MARYLAND
COLLEGE PARK	1995	04	PRN GEORGES	38 59	76 57W	90	09	09		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			H	SOMERS COVE MARINA
CUMBERLAND 2	2282	07	ALLEGANY	39 38	78 45W	730	18	07			H	TIMOTHY B THOMAS
DALECARLIA RESVR D C	2323	04		38 56	77 7W	146	17	17			H	U S CORPS OF ENGINEERS
DAMASCUS 2 SW	2335	06	MONTGOMERY	39 16	77 14W	720	19	19			H	RICHARD W SCHMERDT
DENAMON 2 E	2523	02	CAROLINE	38 53	75 48W	500	17	17			H	ARTHUR REINHOLD
EDGEMONT	2770	07	WASHINGTON	39 40	77 33W	905	07	07			H	JOHN W HARNE
EMMITSBURG 2 SE	2906	06	FREDERICK	39 41	77 18W	416	17	17			H	MRS LUCILLE K BEALE
FREDRICK 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	07	07			H	MISS I MARY STALEY
FROSTBURG 2	3415	07	ALLEGANY	39 40	78 56W	2170	07	07			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			H	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			H	WASH SUB SANY COMM
MC HENRY 2 NW	5832	08	GARRETT	39 33	79 22W	2680	08	08		C	H	JOSEPH F JOHENNING
MECHANICSVILLE 1 E	5865	03	ST MARYS	38 27	76 41W	100	19	19			H	SANDRA J HASTING
MERRILL	5894	08	GARRETT	39 36	79 5W	1790	09	09			H	DELWOOD E MERRILL
MILLINGTON 1 SE	5985	05	KENT	39 16	75 52W	30	18	18			H	HOWARD L HARVEY
NATIONAL ARBORETUM D C	6350	04		38 54	76 59W	50	08	08			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 C RASMUSSEN
PARKTON 2 SW	6844	06	BALTIMORE	39 38	76 42W	600	23	23		C	H	JOHN R FOX
PATUXENT RIVER	6915	03	ST MARY'S	38 20	76 25W	38	MID	MID		C	H	NAVAL WEATHER SERVICE
POTOMAC FILTER PLANT	7272	06	MONTGOMERY	39 2	77 15W	270		08			H	POTOMAC WATER FILT PLT
PRINCESS ANNE	7330	01	SOMERSET	38 13	75 41W	20	17	17			H	UNIVERSITY MARYLAND EAST
ROCKVILLE 1 NE	7705	06	MONTGOMERY	39 6	77 6W	440	17	17			H	WASH GAS & LIGHT CO
ROYAL OAK 2 SSW	7806	02	TALBOT	38 43	76 11W	10	18	18			H	JOHN L SWAINE JR
SALISBURY	8000	01	WICOMICO	38 22	75 35W	10	17	17			H	CITY OF SALISBURY
SALISBURY FAA AP #	8005	01	WICOMICO	38 20	75 31W	48	MID	MID			H	FAA
SAVAGE RIVER DAM	8065	08	GARRETT	39 31	79 8W	1495	08	08		08	C	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			H	BENDIX FRIEZ
UNIONVILLE	9030	06	FREDERICK	39 27	77 11W	430	18	18			H	CAROLINE R VON EIFF
UPPER MARLBORO 3 NNW	9070	04	PRN GEORGES	38 52	76 47W	98	08	08		08	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			H	MARYLAND STATE POLICE

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

MARYLAND AND
DELAWARE
MARCH 1987

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	3557	02	SUSSEX	38 38	75 27W	45	08	08	08	C	UNIV OF DEL SUBSTATION
GREENWOOD 2 NE	3359	02	SUSSEX	38 50	75 35W	45	18	18		H	DANIEL M SWARTZENTRUBER
LEWES	5332	02	SUSSEX	38 46	75 8W	15	17	17		H	BOARD OF PUBLIC WORKS
MIDDLETOWN 3 E	5885	01	NEW CASTLE	39 27	75 40W	55	17	17		H	DAVID S NEYHARD
MILFORD 4 SE	5981	02	SUSSEX	38 54	75 28W	30	17	17		H	DAVID S SCHLOTT
NEWARK UNIVERSITY FARM	6410	01	NEW CASTLE	39 40	75 44W	90	17	17	17	C	UNIV OF DELAWARE
WILMINGTON WSO AP	R 9595	01	NEW CASTLE	39 40	75 36W	79	MID	MID		C H J	NATL WEATHER SERVICE
WILMINGTON 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
MARCH 1987

DEFINITIONS

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

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

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.

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

PRECIPITATION: Values shown in hundredths of inches are water equivalent totals, i.e. total of liquid and melted frozen precipitation. In the "MONTHLY SUMMARIZED DATA" table the total snow and sleet values shown in tenths of inches are unmelted amounts. The max. depth on ground values of snow and sleet shown in whole inches are cumulative unmelted amounts. The no. of days with .10, .50, 1.00 or more refers to water equivalents.

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.

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.

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

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

BLANK entries in the "Monthly Summarized Data" table indicate no record. BLANK entries in the "Daily Precipitation" and "Snowfall and Snow on 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)

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

The graphic displays appearing in this publication were first produced for the January 1987 data month. The types of graphs and the information they portray may vary from month to month and from state to state in order to highlight climatic features of state, regional, and seasonal interest. Some graphs present information for "clusters". A cluster is a group of up to four (4) adjacent divisions that comprise an area of similar climate.

Information concerning the history of changes in locations, exposure, etc. of substations is kept on file at the National Climatic Data Center. Historical information for regular National Weather Service Offices may be obtained from the "Local Climatological Data" annual publication. The contents of this publication may be reprinted or otherwise used freely, with proper credit to the National Climatic Data Center, Asheville, North Carolina.

SUBSCRIPTION, PRICE AND ORDERING INFORMATION AVAILABLE FROM:
NATIONAL CLIMATIC DATA CENTER
FEDERAL BUILDING
ASHEVILLE, NC 28801-2696

USCOMM-NOAA-ASHEVILLE, N.C. MARCH 1987-0585

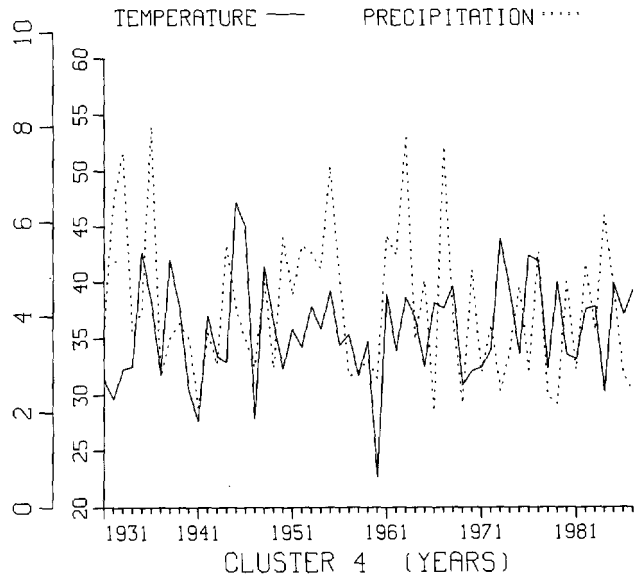
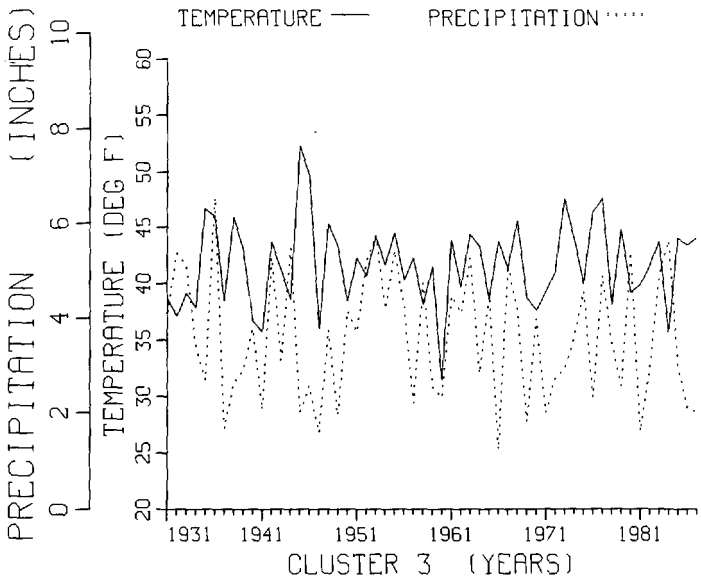
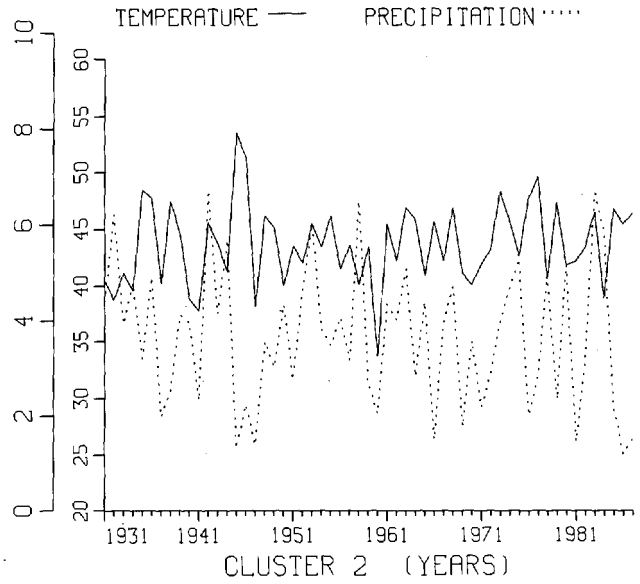
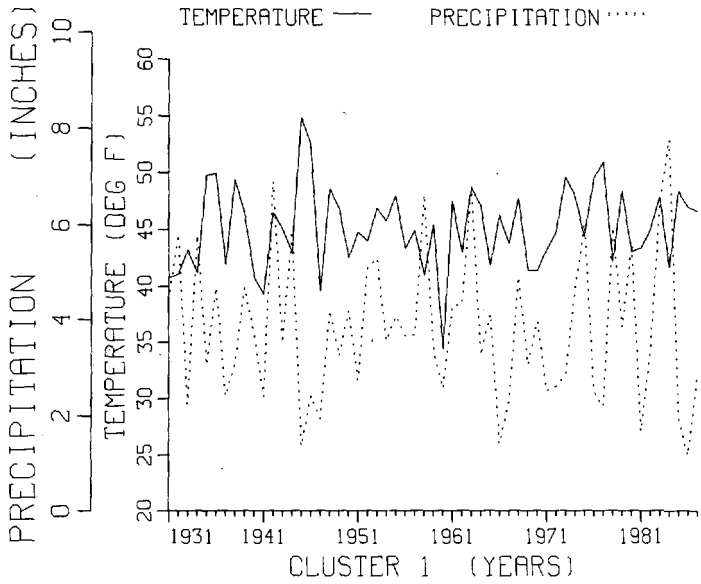
MEAN MONTHLY TEMPERATURES AND PRECIPITATION
 THE MONTH OF: MARCH
 THE PERIOD OF: 1931 - 1987
 MARYLAND

CLUSTER 1 -DIVISION(S):
 SOUTHERN EASTERN SHORE 01
 CENTRAL EASTERN SHORE 02
 LOWER SOUTHERN 03

CLUSTER 2 -DIVISION(S):
 UPPER SOUTHERN 04
 NORTHERN EASTERN SHORE 05

CLUSTER 3 -DIVISION(S):
 NORTHERN CENTRAL 06
 APPALACHIAN MOUNTAIN 07

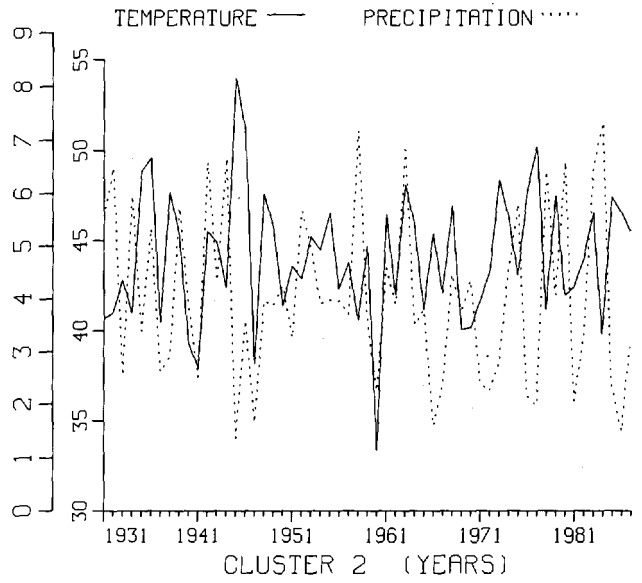
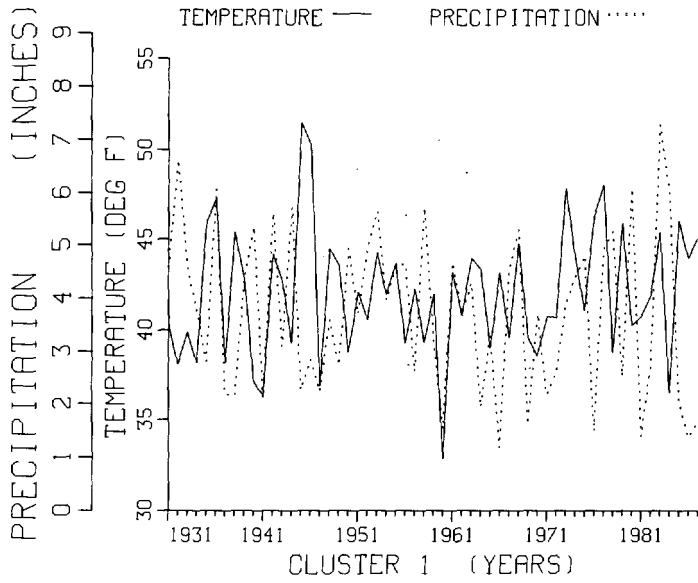
CLUSTER 4 -DIVISION(S):
 ALLEGHENY PLATEAU 08



MEAN MONTHLY TEMPERATURES AND PRECIPITATION
 THE MONTH OF: MARCH
 THE PERIOD OF: 1931 - 1987
 DELAWARE

CLUSTER 1 -DIVISION(S):
 NORTHERN 01

CLUSTER 2 -DIVISION(S):
 SOUTHERN 02



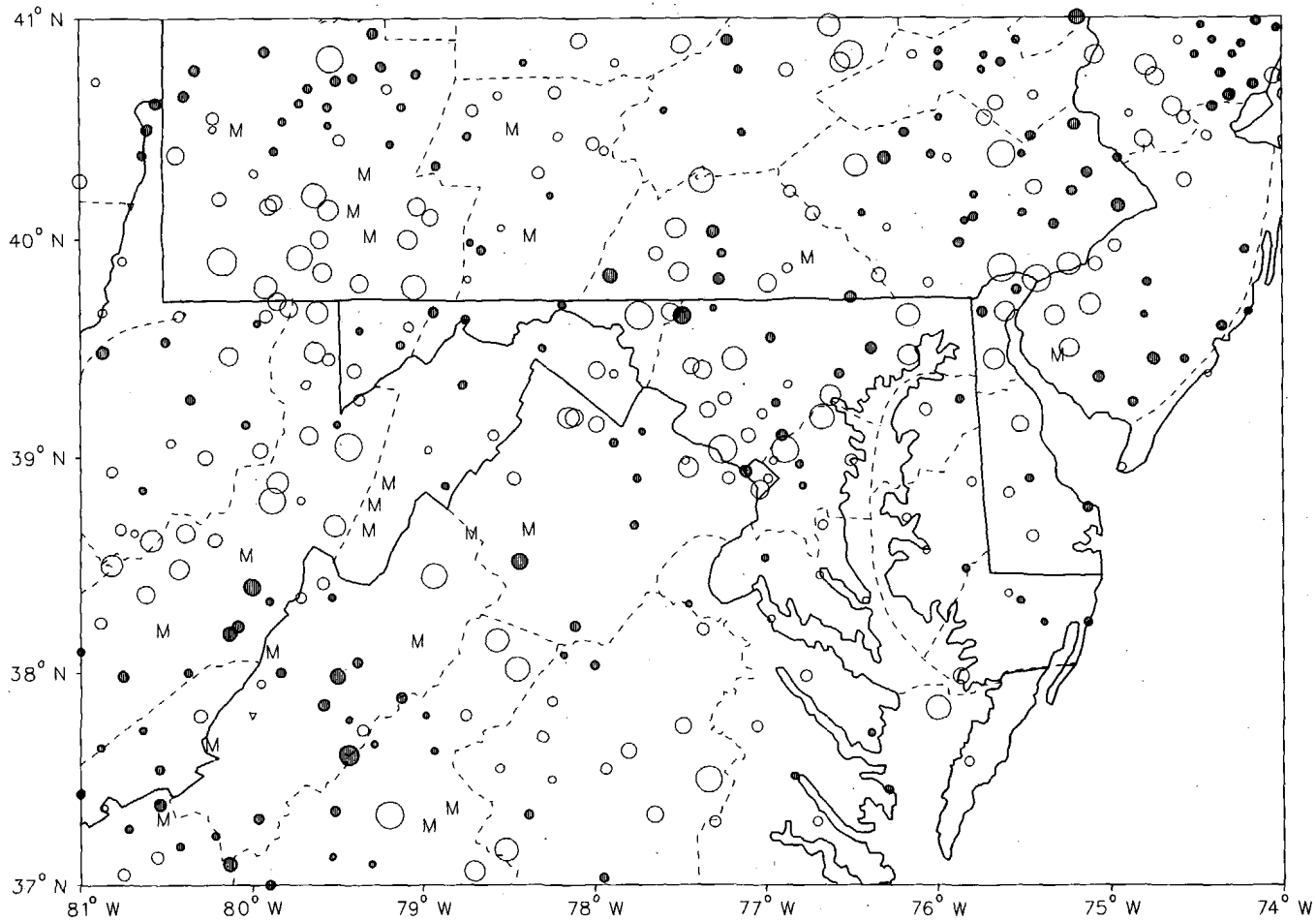
MONTHLY PRECIPITATION DEPARTURE FROM
THE DIVISIONAL AVERAGE FOR
MARCH 1987
MARYLAND & DELAWARE

M DENOTES INCOMPLETE DATA FOR THE MONTH

▽ ZERO DEPARTURE

○ ○ ○ ○ 5,10,20,... 50% OR MORE BELOW AVERAGE

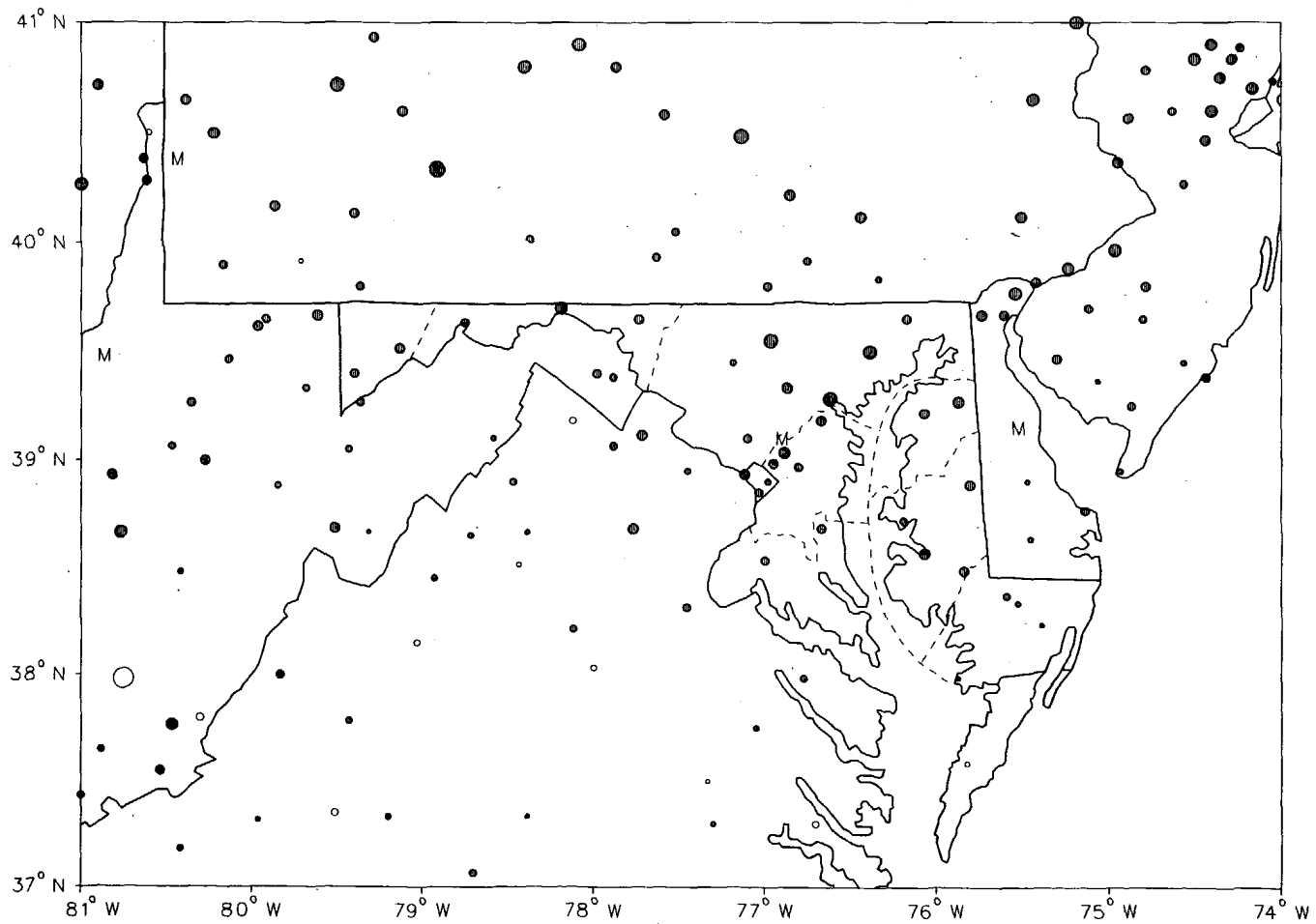
● ● ● ● 10,20,40,...100% OR MORE ABOVE AVERAGE



CIRCLE DIAMETER IS PROPORTIONAL TO DEPARTURE ON A CONTINUOUS SCALE

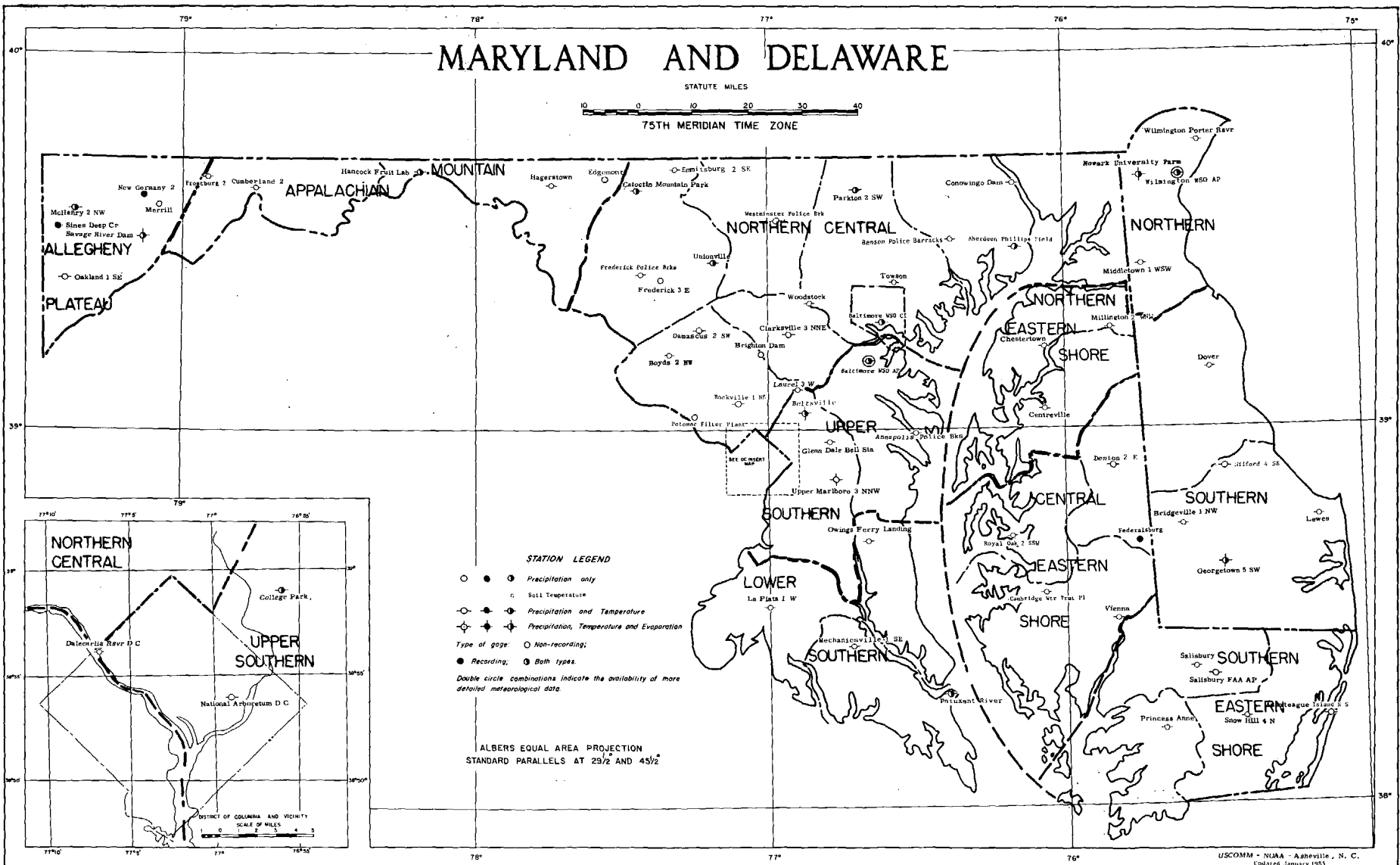
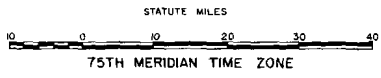
MEAN MONTHLY TEMPERATURE DEPARTURE FROM
INDIVIDUAL STATION NORMALS (1951-1980)
MARCH 1987
MARYLAND & DELAWARE

- M INCOMPLETE DATA FOR THE MONTH
- ▽ EXACTLY NORMAL
- ○ ○ 4.8...12 OR MORE DEGREES BELOW NORMAL
- ● ● 4.8...12 OR MORE DEGREES ABOVE NORMAL



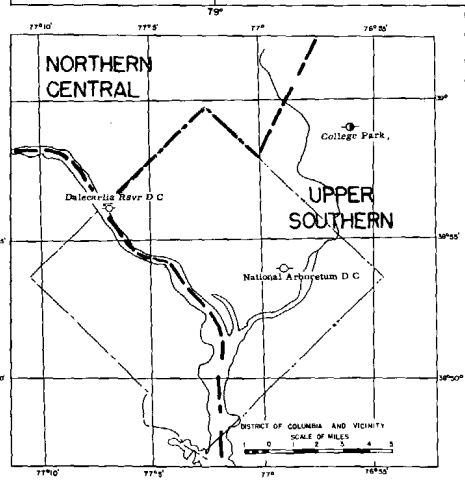
CIRCLE DIAMETER IS PROPORTIONAL TO DEPARTURE ON A CONTINUOUS SCALE

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 29½ AND 45½



VALIDATED BY:

Charlie Aiken
Emily Atkins
Ted Burlew
Betty Edstrom
Bruce Emory
Joyce Morgan
Betty Shuford

DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
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