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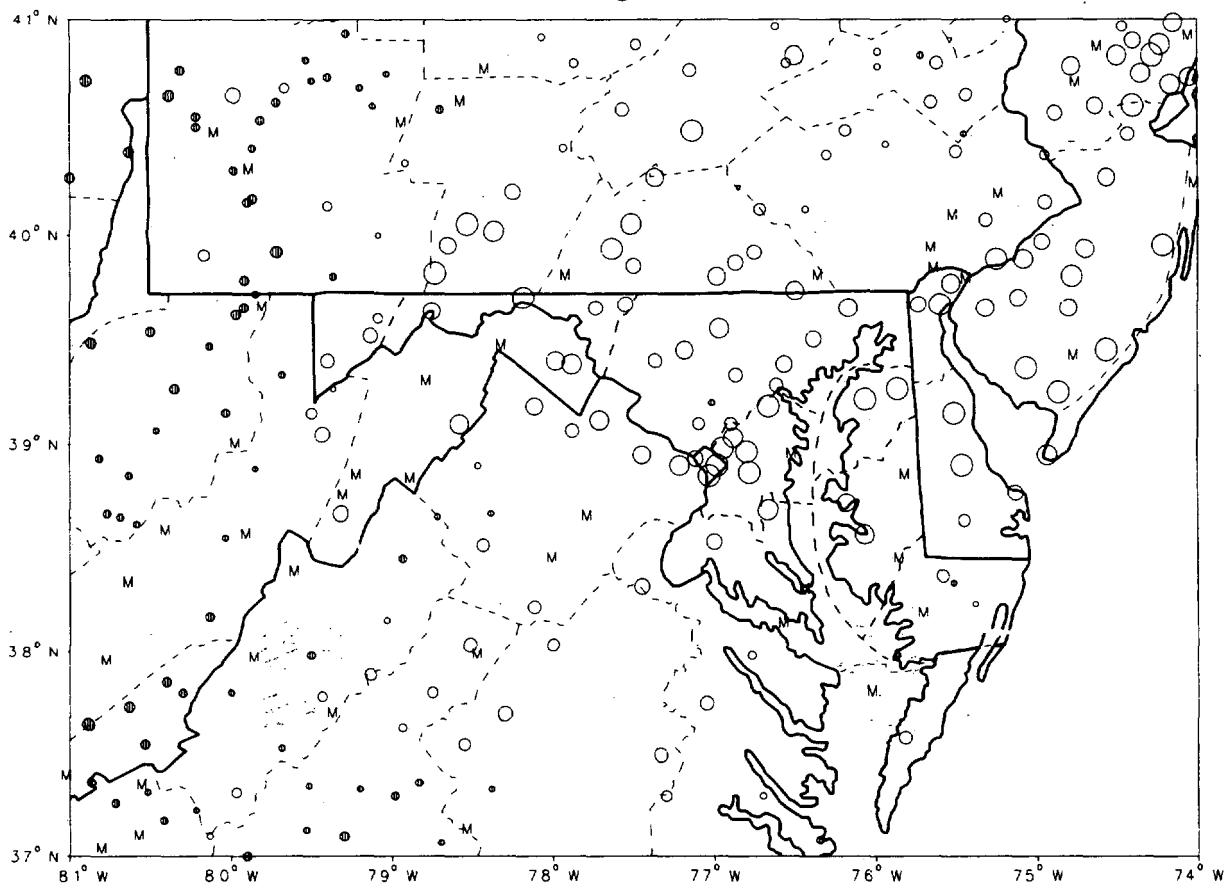
# CLIMATOLOGICAL DATA MARYLAND AND DELAWARE

FEBRUARY 1990

VOLUME 94 NUMBER 2

## 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 (NOAA). IT IS COMPILED USING INFORMATION FROM WEATHER OBSERVING SITES SUPERVISED BY NOAA/NATIONAL WEATHER SERVICE AND RECEIVED AT THE NATIONAL CLIMATIC DATA CENTER (NCDC), ASHEVILLE, NORTH CAROLINA 28801."

*Kenneth D. Haden*

DIRECTOR, NATIONAL CLIMATIC DATA CENTER

# noaa

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ATMOSPHERIC ADMINISTRATION

NATIONAL  
ENVIRONMENTAL SATELLITE, DATA  
AND INFORMATION SERVICE

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CLIMATIC DATA CENTER  
ASHEVILLE NORTH CAROLINA

# TEMPERATURE AND PRECIPITATION EXTREMES

MARYLAND AND  
DELAWARE  
FEBRUARY 1990

MARYLAND  
HIGHEST TEMPERATURE 76  
LOWEST TEMPERATURE -7  
GREATEST TOTAL PRECIPITATION 4.54  
LEAST TOTAL PRECIPITATION .64  
GREATEST 1 DAY PRECIPITATION 1.40  
GREATEST TOTAL SNOWFALL 10.5  
GREATEST DEPTH OF SNOW OR ICE 4

FEBRUARY 15  
FEBRUARY 26  
  
FEBRUARY 4  
FEBRUARY 25

UPPER MARLBORO 3 NNW  
OAKLAND 1 SE  
ASSATEAGUE IS NATL SEA  
GLENN DALE BELL STN  
SNOW HILL 4 N  
MC HENRY 2 NW  
2 STATIONS

DELAWARE  
HIGHEST TEMPERATURE 74  
LOWEST TEMPERATURE 8  
GREATEST TOTAL PRECIPITATION 2.43  
LEAST TOTAL PRECIPITATION 1.35  
GREATEST 1 DAY PRECIPITATION .87  
GREATEST TOTAL SNOWFALL 1.0

FEBRUARY 14  
FEBRUARY 26  
  
FEBRUARY 10

2 STATIONS  
DOVER  
GEORGETOWN 5 SW  
WILMINGTON WSO ARPT R  
LEWES  
2 STATIONS

# MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

MARYLAND AND  
DELAWARE  
FEBRUARY 1990

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	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	TOTAL	MAX. DEPTH ON GROUND	DATE	.10 OR MORE	.50 OR MORE	1.00 OR MORE
MARYLAND																												
SOUTHERN EASTERN SHORE 01																												
ASSATEAGUE IS NATL SEA	53.9	33.8	43.9		73	14	13	27	586	0	0	1	12	0	4.54		1.28	3	.0	0	11	2	2					
CRISFIELD SOMERS COVE	53.8	37.6	45.7	7.7	69	14	17	26	531	0	0	1	9	0	3.56	.49	1.30	4	.0	0	6	3	1					
PRINCESS ANNE	M	M	M																M	M								
SALISBURY	57.1	34.0	45.6	7.2	71	14	12	27	538	0	0	1	13	0	2.70	-.71	1.13	4	.0	0	5	1	1					
SALISBURY FAA ARPT	55.0	33.6	44.3	7.7	71	14	15	27+	572	0	0	1	16	0	3.44	.11	1.12	3	.0	0	8	3	1					
SNOW HILL 4 N	57.3	34.1	45.7	8.2	73	14	14	26	532	0	0	1	4	0	2.59	-.01	1.40	4	.0	0	6	2	1					
--DIVISIONAL DATA----->																												
			45.0	7.5											3.57	.26			.0									
CENTRAL EASTERN SHORE 02																												
CAMBRIDGE WATER TRMT P	57.4	33.8	45.6	9.3	74	15+	9	26	536	0	0	1	11	0	1.86	-1.30	.70	10	.0	0	5	2	0					
DENTON 2 E	M	M	M																M	M								
ROYAL OAK 2 SSW	54.4	35.9	45.2	8.5	71	14	16	26	550	0	0	1	13	0	1.99	-1.21	.85	10	.0	0	5	2	0					
VIENNA	M	M	M																M	M								
--DIVISIONAL DATA----->																												
			45.4	8.7											1.93	-1.19			.0									
LOWER SOUTHERN 03																												
LA PLATA 1 W	57.9	34.3	46.1	9.3	75	14	14	26	520	0	0	1	14	0	1.99	-.89	.78	10	.0	0	7	1	0					
MECHANICSVILLE 5 NE	57.2	33.7	45.5		74	14	12	26	538	0	0	1	14	0	2.04	.99	.99	10	.0	0	5	1	0					
OWINGS FERRY LANDING	57.4	33.4	45.4	9.1	75	14	12	26	542	0	0	1	14	0	1.52	-1.20	.59	10	.0	0	3	2	0					
PATUXENT RIVER	M	M	M																M	M								
TALL TIMBERS	M	M	M																M	M								
--DIVISIONAL DATA----->																												
			45.7	8.8											1.85	-1.06			.0									
UPPER SOUTHERN 04																												
ANNAPOLIS POLICE BRKS	M	M	M																M	M								
BALTIMORE WSO ARPT	R	53.2	31.3	42.3	7.6	70	14	13	26	631	0	0	2	17	0	1.48	-1.50	.40	10	.0	0	7	0	0				
BELTSVILLE		52.7	29.2	41.0	8.0	69	15	12	26	667	0	0	2	17	0	1.45	-1.05	.32	10	.0	0	6	0	0				
COLLEGE PARK		53.4	33.4	43.4	7.2	71	15	12	26	598	0	0	2	13	0	1.32	-1.47	.34	10	.0	0	5	0	0				
DALECARLIA RESVR DC		57.6	27.3	42.5	6.2	73	14	5	25	627	0	0	1	18	0	2.03	-.90	.55	12	.0	0	6	0	0				
GLENN DALE BELL STN		58.6	29.9	44.3	8.9	73	14	9	26	576	0	0	1	16	0	.64	-2.11	.17	23	.0	0	2	0	0				
LAUREL 3 W		53.3	32.1	42.7	7.0	71	14	5	26	619	0	0	2	13	0	2.11	-.58	.85	10	.0	0	5	0	0				
NATIONAL ARBORETUM DC		55.5	32.2	43.9	7.1	73	15	14	27+	593	0	0	2	15	0	1.31	-1.54	.34	11	.0	0	4	0	0				
UPPER MARLBORO 3 NNW		55.4	26.3	40.9	7.6	15	9	26	667	0	0	2	20	0	1.34	-1.39	.38	11	.0	0	5	0	0					
--DIVISIONAL DATA----->																												
			42.6	7.5											1.46	-1.33			.0									
NORTHERN EASTERN SHORE 05																												
CHESTERTOWN		52.6	31.5	42.1	7.1	71	14	11	26	637	0	0	1	16	0	1.07	-1.88	.43	10	.0	0	4	0	0				
MILLINGTON 1 SE		54.8	32.6	43.7	9.6	69	16+	12	26	589	0	0	1	13	0	1.19	-1.68	.38	10	.0	0	2	0	0				
--DIVISIONAL DATA----->																												
			42.9	7.8											1.13	-1.75			.0									
NORTHERN CENTRAL 06																												
ABERDEEN PHILLIPS FLD	R	52.1	33.5	42.8		63	23+	12	26	614	0	0	1	10	0	1.38				.0	0	2	0	0				
BALTIMORE WSO CITY		55.9	36.4	46.2	8.9	73	14	13	26	519	0	0	1	7	0	2.30	-.77	.85	22	.0	0	6	2	0				
BENSON POLICE BARRACKS		55.2	28.5	41.9	8.3	66	23+	6	26	642	0	0	1	17	0	1.98	-.90	.80	10	.0	0	7	1	0				
BOYDS 2 NW		53.7	32.9	43.3		65	16	8	26	599	0	0	1	13	0	2.14		.76	10	.0	0	6	1	0				
CATOCTIN MOUNTAIN PARK		48.6	29.9	39.3		61	16	4	26	716	0	0	1	14	0	1.86		.53	10	M	.0	5	1	0				
CLARKSVILLE 3 NNE		55.7	28.9	42.3		67	17+	10	26	630	0	0	1	19	0	1.95		.64	10	.0	0	5	1	0				
CONOWINGO DAM		52.2	25.4	38.8	6.5	64	23+	8	26	727	0	0	1	22	0	1.70	-1.15	.42	4	.0	0	4	0	0				
DAMASCUS 2 SW		51.5	32.3	41.9		63	23+	7	26	641	0	0	1	13	0	2.17		.85	10	.0	0	6	1	0				

SEE REFERENCE NOTES FOLLOWING STATION INDEX  
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# MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

MARYLAND AND  
DELAWARE  
FEBRUARY 1990

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	TOTAL	SNOW MAX. DEPTH ON GROUND	SLEET DATE	NO. OF DAYS																	
									90 OR ABOVE	32 OR BELOW	32 OR BELOW	0 OR BELOW							10 OR MORE	50 OR MORE	1.00 OR MORE															
EMMITSBURG 2 SE	50.9	29.6	40.3		65	16	826	685	0	0	1	17	0	1	9.2																					
FREDERICK POLICE BRKS	54.4	32.6	43.5		68	16	1026	597	0	0	1	17	0	1	9.2																					
MILLERS 4 NE	50.0	30.9	40.5		68	16	1026	682	0	0	1	17	0	1	9.2																					
ROCKVILLE 1 NE	51.9	32.3	42.1	6.7	68	14	1226	633	0	0	2	16	0	2	14																					
TOWSON	52.2	33.1	42.7		68	16	1026	620	0	0	2	16	0	2	14																					
UNIONVILLE	50.9	28.4	39.7	7.9	70	16	826	703	0	0	1	14	0	1	10																					
WESTMINSTER POLICE BRK	53.0	31.1	42.1	8.9	70	14	826	638	0	0	1	14	0	1	10																					
WOODSTOCK	53.8	31.0	42.4	8.9	66	16	1026	627	0	0	1	15	0	2	14																					
--DIVISIONAL DATA-->			41.9	8.2										1.91	-1.90				.4																	
APPALACHIAN MOUNTAIN 07																																				
CUMBERLAND 2	52.8	29.1	41.0	7.8	66	17+	626+	668	0	0	2	17	0	1	53	-1.88	.59	10	7.0	0					5	1	1	1	0							
FROSTBURG 2	45.3	24.8	35.1		65	17	-227	834	0	0	3	19	0	2	38		.76	10	7.0	0	4	25			7	1	1	1	0							
HAGERSTOWN	49.7	28.1	38.9	6.0	65	24	726	724	0	0	2	19	0	1	64	-1.62	.60	10	0.0	0					3	2	1	1	0							
HANCOCK	51.6	24.9	38.3	7.2	68	24	526	742	0	0	2	20	0	1	21	-1.15	.65	10	0.0	0					3	1	1	1	0							
--DIVISIONAL DATA-->			38.3	6.1										1.69	-1.81				1.8																	
ALLEGHENY PLATEAU 08																																				
MC HENRY 2 NW	46.0	24.5	35.3		67	17	-326	826	0	0	2	17	3	3	54		1.20	10	10.5	3	28+				9	1	1	1	0							
OAKLAND 1 SE	50.0	26.2	38.1	10.1	65	16	-726	747	0	0	2	18	1	2	38	-1.82	.55	10	8.8	T					8	1	1	1	0							
SAVAGE RIVER DAM	47.5	24.3	35.9	8.0	68	17	-126	809	0	0	2	23	2	1	71	-1.64	.80	10	T	T					5	1	1	1	0							
--DIVISIONAL DATA-->			36.4	9.2										2.54	-1.55				6.4																	
DELAWARE																																				
NORTHERN 01																																				
NEWARK UNIVERSITY FARM	53.9	30.9	42.4	8.7	67	16	1026	626	0	0	1	15	0	1	86	-1.87	.64	10	0.0	0					6	1	1	1	0							
WILMINGTON WSO ARPT	51.4	30.8	41.1	7.9	67	16+	1026	661	0	0	1	17	0	1	35	-1.64	.60	10	1.0	T					5	1	1	1	0							
WILMINGTON PORTER RSVR	50.3	31.8	41.1	8.5	65	16	1026	664	0	0	1	14	0	1	81	-1.19	.74	10	1.0	0					5	1	1	1	0							
--DIVISIONAL DATA-->			41.5	8.0										1.67	-1.20				.7																	
SOUTHERN 02																																				
DOVER	56.7	33.3	45.0	8.6	71	22+	826	553	0	0	1	11	0	1	39	-1.47	.35	10	M	0					5	1	1	1	0							
GEORGETOWN 5 SW	54.0	30.9	42.5	6.7	73	16	1427+	625	0	0	2	19	0	2	43	-1.59	.85	10	T	0					5	1	1	1	0							
GREENWOOD 2 NE	54.0	33.0	43.5		72	14	1226	594	0	0	1	14	0	1	87		.54	10	T	0					5	1	1	1	0							
LEWES	56.4	35.5	46.0	9.9	74	14	1626	528	0	0	1	19	0	2	31	-1.02	.87	10	0.0	0					5	1	1	1	0							
MILFORD 4 SE	55.6	34.1	44.9	9.1	74	14	1326	558	0	0	1	13	0	1	55	-1.58	.47	10	M	0					4	1	1	1	0							
--DIVISIONAL DATA-->			44.4	8.3										1.91	-1.23				.0																	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

# DAILY PRECIPITATION (INCHES)

MARYLAND AND  
DELAWARE  
FEBRUARY 1990

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																																
ASSATEGUE IS NATL SEA	4.54	T	T	1.28	.15		.11	.11		.16	1.15			.06	T	.37			.45				.01	.21	.28	.20						
CRISFIELD SOMERS COVE	3.56				1.30	.08		.01			.70						.38		.64					.10	.30							
PRINCESS ANNE	M																															
SALISBURY	2.70	T	T	.01	1.13	T	T	.08			.45				T	.36	.05		.25			T	.05	.30	T							
SALISBURY FAA ARPT	3.44			1.12	.24			.12			.59	T	.02			.63			.28				.05	.24	.15							
SNOW HILL 4 N 02																																
CENTRAL EASTERN SHORE	3.59				1.40			.08			.70		.08			.46	.13		.42				.06	.26								
CAMBRIDGE WATER TRMT P	1.86				.65			.03			.70					.17			.17				.03	.11								
DENTON 2 E	M																															
ROYAL OAK 2 SSW	1.99				.51			.05			.85		.08			.12			.12				T	.03	.23				T			
VIENNA	M																															
LOWER SOUTHERN 03																																
LA PLATA 1 W	1.99			.18	.40			.04		T	.78		.10		T	.12			.16			.11	.07	.02					.01			
MECHANICSVILLE 5 NE	2.04			.20	.43			.02		T	.99		.04		T	.13	T		.16			.01	.03	.03					T			
OWINGS FERRY LANDING	1.52			T	.51			.05		T	.59		.02			.12			.05			.03	.05	.06	.01				T	.03		
PATUXENT RIVER	M																															
TALL TIMBERS	M																															
UPPER SOUTHERN 04																																
ANNAPOLIS POLICE BRKS	M																															
BALTIMORE WSO ARPT	1.48		T	.20	.13			T		T	.40	T			T	.10			.16			.27	.28	.10					T			
BELTSVILLE	1.45				.25	.06		.02			.32	.18	.02			.16	.02		.26				.16	.16					T			
COLLEGE PARK	1.32				.25			.02			.34	.18				.09			.28				.28	.16					T	T		
DALECARLIA RESVR DC	2.03			.03	.24			.02			.54	.18	.55		.02	.08			.19			.10	.19	.19	.03							
GLENN DALE BELL STN	.64				.16			.01		.01	.09	.01			T	.09			.02			.02	.17	.08	T							
LAUREL 3 W	2.11			.22	.15			.01		.04	.85				.03	.12			.61			.61	.28	.07								
NATIONAL ARBORETUM DC	1.31				.27			.03			.18	.34	.05			.05	.04		.28				.28	.07								
UPPER MARLBORO 3 NNW	1.34				.28			.02	.03		.28	.38				.10	.02		.22				.22							.01		
NORTHERN EASTERN SHORE 05																																
CHESTERTOWN	1.07		.01	.11	.17			T		T	.43				T	.09						.09	.13	.02					.02			
MILLINGTON 1 SE 06																																
NORTHERN CENTRAL	1.19		*	*	.28			.02			.38				T	.08						.05	.08	.30					T			
ABERDEEN PHILLIPS FLD	1.38			*	*	.45		T		T	*	*	.48		T	.03			.10	.20	*	*	.12	T								
BALTIMORE WSO CITY	2.30			.22	.15						.55					.10			.85	.38		.05	.05	.24	.24							
BENSON POLICE BARRACKS	1.98			.11	.34					.02	.80				.01	.05			.15	.24		.11	.49						.02			
BOYDS 2 NW	2.14			.11	.29			.05		.06	.76					.15			.12	.11		.12	.11	.49								
BRIGHTON DAM	3.00		T	.30	.50					.10	.60	T			.30	.20			.30	.50	.20	.30	.50	.20								
CATOCTIN MOUNTAIN PARK	1.86		.01	.24	.23					.01	.53		.03		.05	.01	.05		.02	.49	.14	.02	.49	.14					.05			
CLARKSVILLE 3 NNE	1.95			.08	.34			.02		.01	.64		T		T	.10			.09	.29	.38	.09	.29	.38					T			
CONOWINGO DAM	1.70		.04	.05	.42	.03		.03		.01	.39			.02		.03			.33	.35		.33	.35									
DAMASCUS 2 SW	2.17		.02	.24	.25			.03		.02	.85		.01		.01	.10			.12	.09	.42	.12	.09	.42					.01			
EMMITSBURG 2 SE 05																																
FREDERICK POLICE BRKS	1.92		T	.10	.40					.20	.55				.04	.05	.08		.10	.35	T	.10	.35	T					.05			
FREDERICK 3 E	2.08			.10	.19					.03	.48		.03		T	.05			.10	.05	1.05	.10	.05	1.05					T	T		
MILLERS 4 NE	1.91			T	.32	T				.47	.07		.03			.04	T		.17	.81		.17	.81					T	T			
POTOMAC FILTER PLANT	1.54		.03	.22	.08					T	.49		T		T				.12	.09	.49	.12	.09	.49					.02			
ROCKVILLE 1 NE	1.76			.16	.12			.02		.01	.40	.06			.01	.05			.69	.24	T	.69	.24	T					T			
TOWSON 05																																
TOWSON	2.14		T	.19	.12			.02		T	.50	.05			.01	.12			.87	.26	T	.87	.26	T					T			
UNIONVILLE	2.13			.10	.46			.01			.84					.10			.10	.46		.10	.46									
WESTMINSTER POLICE BRK	1.55		T	.17	.22					.02	.42		T		.01	.02			.07	.16	.46	.07	.16	.46								
WOODSTOCK	1.61			.12	.31			.02		T	.50	.04			T	.05			.03	.50	.04	.03	.50	.04					T			
WOODSTOCK	2.04			.07	.37			.03		.02	.65				T	.10			.12	.26	.42	.12	.26	.42					T			

SEE REFERENCE NOTES FOLLOWING STATION INDEX

# DAILY PRECIPITATION (INCHES)

MARYLAND AND  
DELAWARE  
FEBRUARY 1990

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	1.53			T	.41	.17			.02		.59		.12			T	.11							T	.03	T					.08	
EDGEMONT	1.81			.02	.36	.15					.70	.03	.01			T	T							.02	.48	T				.02		
FROSTBURG 2	2.38			.09	.35	.17			T	.08	.76		.18			.04	.07	.06	T					.02	.13	.02	.21	T	T	.17		
HAGERSTOWN	1.64			.01	.32	.03					.60		.03				.03							.02	.58	T				.02		
HANCOCK	1.21				.25	.12			.01		.65		.08				.02							.05	.01					.02		
ALLEGHENY PLATEAU 08																																
MC HENRY 2 NW	3.54			.36	.24	.15		.06	.04		1.20	T	.36			T	.09	.23	T					.02	.26	.20	T	T	.33			
MERRILL	2.35			.12	.35	.15	.04				.95					.07	.05	.08						.03	.03	.34			.17			
OAKLAND 1 SE	2.38		.03	.06	.25	T		.06	T	.40	.55	T	.26	T	T	.10	T						.03	.15	.18	T		.31	T			
SAVAGE RIVER DAM	1.71	T	T	.06	.35	.12		.01	T		.80		.10	T	T	T	.03	.03	T				.02	.05	.02		T	.12				
DELAWARE																																
NORTHERN 01																																
NEHARK UNIVERSITY FARM	1.86			.19	.27						.64						.05						.25	.22	.19				.05			
WILMINGTON WSO ARPT R	1.35		.02	.20	.15					T	.60		T			T	.04						.14	.10	.05	T			.05			
WILMINGTON PORTER RSVR	1.81		.02	.06	.16						.74						.12						.46	.11	.09				.05			
SOUTHERN 02																																
DOVER	1.39			.06	.26			.02			.35	.02	.03				.10	.06					.02	.11	.22	.08		.05	.01			
GEORGETOWN 5 SW	2.43				.61						.85	.31									.28		.08	.30								
GREENHOOD 2 NE	1.87			T	.49			.05			.54					T	.16				.10		T	.10	.40			.03				
LEWES	2.31			T	.60			.07			.87		.04				.20	.01			.18		T	.10	.24				T	.02		
MILFORD 4 SE	1.55				.42		.04				.47						.12				.06		.07	.06	.29							

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# DAILY TEMPERATURES (°F)

MARYLAND AND  
DELAWARE  
FEBRUARY 1990

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				
MARYLAND																																					
SOUTHERN EASTERN SHORE																																					
ASSATEAGUE IS NATL SEA	07	MAX MIN	55 40	65 40	50 41	52 37	46 27	59 34	59 34	52 40	64 46	60 30	47 36	49 30	58 40	73 41	66 44	62 48	53 32	52 33	53 32	55 30	45 25	51 31	61 47	61 39	55 15	28 15	35 13	43 25				53.9 33.8			
CRISFIELD SOMERS COVE	17	MAX OBS MIN OBS	55 35	59 48	60 44	49 42	47 29	55 32	53 44	54 38	62 45	62 46	46 32	45 32	56 33	69 50	66 43	63 54	63 46	46 28	50 41	50 35	50 27	63 41	60 53	59 40	47 24	28 17	41 21	48 34	21				53.8 37.6		
PRINCESS ANNE																																					
SALISBURY																																					
SALISBURY FAA ARPT	MID	MAX MIN	59 27	67 51	66 43	58 39	50 27	58 28	57 43	58 32	68 44	69 41	51 28	47 28	60 25	71 48	68 41	67 58	60 32	45 26	55 39	46 24	51 21	66 32	65 49	49 34	38 20	30 15	42 15	50 31				55.0 33.6			
SNOW HILL 4 N	18	MAX MIN	60 27	67 46	65 43	54 44	52 28	59 26	57 34	59 30	68 41	67 46	51 26	47 36	58 25	73 48	69 37	67 57	65 40	45 23	55 37	54 31	53 19	65 31	64 59	64 39	39 23	31 14	44 15	51 30				57.3 34.1			
CENTRAL EASTERN SHORE																																					
CAMBRIDGE WATER TRMT P																																					
DENTON 2 E	17	MAX MIN	56 30	66 47	68 42	49 43	49 28	61 30	62 39	59 33	68 43	65 45	50 29	47 35	59 28	74 34	74 41	65 51	65 44	46 28	57 39	60 33	50 22	64 35	65 54	62 37	45 14	28 9	42 17	50 16				57.4 33.8			
ROYAL OAK 2 SSW	18	MAX MIN	54 31	68 47	63 43	47 43	44 29	58 30	56 41	56 32	66 46	61 44	46 28	46 35	56 30	71 52	60 42	65 48	62 42	42 27	56 40	55 32	48 24	62 40	63 57	61 36	39 23	29 16	39 21	49 27				54.4 35.9			
VIENNA																																					
LOWER SOUTHERN																																					
LA PLATA 1 W	18	MAX MIN	62 28	72 47	68 42	50 41	47 28	63 30	56 43	60 31	69 48	64 41	49 27	47 30	65 29	75 54	68 39	66 45	64 41	45 24	61 35	56 29	52 22	63 37	66 58	64 35	44 16	32 14	43 20	51 27				57.9 34.3			
MECHANICSVILLE 5 NE	19	MAX MIN	61 25	72 48	65 42	49 42	47 28	63 28	57 38	59 30	70 43	64 44	49 27	48 30	64 27	74 54	65 38	66 45	63 40	43 23	60 39	55 30	51 19	65 35	65 58	62 37	42 21	31 12	43 15	49 26				57.2 33.7			
OWINGS FERRY LANDING	17	MAX MIN	59 26	72 46	69 42	49 41	46 27	63 27	57 38	59 31	69 43	65 44	49 26	47 30	63 26	75 52	69 38	66 44	64 40	44 22	62 39	58 30	51 20	64 35	65 57	63 37	42 20	28 12	40 18	50 24				57.4 33.4			
PATUXENT RIVER	MID	MAX MIN																																			M M M
TALL TIMBERS																																					
UPPER SOUTHERN																																					
ANNAPOLIS POLICE BRKS																																					
BALTIMORE WSO ARPT	MID	MAX MIN	60 27	62 43	49 41	46 33	46 27	62 30	57 39	59 32	66 36	63 35	48 26	47 29	64 27	70 44	48 39	67 45	61 32	42 22	60 40	43 26	52 22	60 32	65 45	46 31	31 17	30 13	38 17	48 25				53.2 31.3			
BELTSVILLE	08	MAX OBS MIN OBS	57 25	59 29	62 42	46 40	48 21	46 27	62 37	55 30	59 33	64 45	55 23	50 25	46 25	64 33	69 38	57 39	66 43	42 18	45 28	59 29	42 19	51 29	63 33	65 36	45 17	26 12	31 15	42 26				52.7 29.2			
COLLEGE PARK	09	MAX MIN	57 26	59 40	64 45	46 42	47 28	47 29	64 39	56 33	60 43	65 49	49 25	48 34	47 27	63 43	71 40	63 45	66 47	47 22	47 33	62 30	43 21	52 31	62 47	64 37	45 21	27 12	32 18	42 27				53.4 33.4			
DALECARLIA RESVR DC	17	MAX MIN OBS	62 21	67 35	63 27	50 36	47 22	65 42	61 31	60 25	66 39	65 38	49 19	48 26	64 22	73 46	69 33	67 39	66 22	44 17	63 34	57 22	53 15	57 33	67 47	66 30	43 5	30 11	40 16	50 29				57.6 27.3			

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# DAILY TEMPERATURES (°F)

MARYLAND AND  
DELAWARE  
FEBRUARY 1990

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						
GLENN DALE BELL STN	16	MAX OBS MIN OBS	61	68	69	46	49	64	65	61	66	64	48	49	65	73	71	67	66	48	61	63	53	61	65	66	47	31	42	51							58.6		
			22	40	41	39	21	24	33	26	41	42	20	27	23	54	34	42	36	19	46	32	27	16	27	56	34	17	9	13	21							29.9	
LAUREL 3 W	MID	MAX OBS MIN OBS	58	62	58	45	45	62	56	59	65	61	49	47	62	71	49	65	64	44	59	43	51	61	63	42	32	31	39	50							53.3		
			30	44	33	34	25	34	44	31	43	35	30	33	35	43	38	43	31	25	37	28	27	37	35	31	16	5	22	30								32.1	
NATIONAL ARBORETUM DC	08	MAX OBS MIN	57	61	70		57	47	63	58	60	68	63	51	48	64	73	58	68	50	46	62	46	52	63	66	47	28	31	42							55.5		
			29	29	50	45	29	27	36	35	34	50	26	27	29	33	40	42	50	24	28	33	22	25	43	40	22	14	14	25								32.2	
UPPER MARLBORO 3 NNW	08	MAX OBS MIN	57	62	71	47	50	48	65	58	61	69	62	50	48	65	76	65	68	49	45	62	44	53	64	66	48	28	32	39							55.4		
			21	24	39	38	22	23	24	27	27	41	22	27	22	32	35	40	44	18	20	27	14	20	36	35	17	9	13	20								26.3	
NORTHERN EASTERN SHORE	05	MAX OBS MIN																																					
CHESTERTOWN	23	MAX OBS MIN	55	60	50	46	43	59	56	58	65	61	47	47	60	71	50	66	59	42	60	45	51	62	66	47	35	29	36	47							52.6		
			28	44	40	32	24	30	38	31	43	36	27	31	28	44	40	43	30	23	39	26	21	34	46	33	17	11	18	25								31.5	
MILLINGTON 1 SE	18	MAX OBS MIN OBS	55	65	61	42	43	60	57	58	65	63	47	43	58	69	69	69	64	40	61	54	54	64	64	63	37	27	35	46							54.8		
			26	45	38	41	24	28	35	28	44	44	25	35	26	52	42	44	40	21	36	28	18	34	53	33	22	12	15	25								32.6	
NORTHERN CENTRAL	06	MAX OBS MIN																																					
ABERDEEN PHILLIPS FLD	16	MAX OBS MIN	54	58		44	58	58	55	60				46	59	62	60	63				39	48	56	63			26	36	44							52.1		
			26	43		25	33	41	29	45				37	28	51	42	44					29	20	31	51			12	21	28							33.5	
BALTIMORE WSO CITY	MID	MAX OBS MIN	60	64	54	46	51	69	59	60	67	64	51	52	67	73	49	70	64	44	64	44	56	61	68	48	32	34	43	52							55.9		
			38	49	43	33	28	36	45	43	46	39	34	37	36	45	43	47	34	26	44	31	33	41	47	32	18	13	25	34								36.4	
BENSON POLICE BARRACKS	17	MAX OBS MIN	56	60	60	45	47	65	62	60	64	61	49	48	62	62	57	66	66	43	60	59	53	55	66	65	37	32	36	49							55.2		
			23	38	38	36	19	24	34	29	34	39	23	30	24	42	34	39	37	17	32	24	16	28	48	30	16	6	15	23								28.5	
BOYDS 2 NW	18	MAX OBS MIN	60	59	59	45	45	63	61	58	59	59	47	45	62	62	52	65	64	43	58	53	50	54	64	62	41	30	37	46							53.7		
			32	45	40	40	26	28	39	37	41	35	28	32	29	51	35	42	34	23	37	32	24	35	51	33	15	8	18	31								32.9	
CATOCTIN MOUNTAIN PARK	17	MAX OBS MIN	53	57	55	41	39	56	50	53	53	54	42	50	54	59	43	61	59	37	51	50	49	52	59	50	34	26	35	38							48.6		
			33	46	37	36	21	31	41	35	40	36	26	29	30	42	34	38	31	17	33	20	24	33	39	28	11	4	11	30								29.9	
CLARKSVILLE 3 NNE	17	MAX OBS MIN	60	62	60	45	47	64	63	60	64	61	50	46	63	67	61	67	67	44	58	56	52	57	65	64	38	32	39	47							55.7		
			21	39	42	40	22	22	31	26	30	40	22	29	24	52	29	44	35	16	44	35	16	31	18	16	25	52	34	21	10	15	15					28.9	
CONOWINGO DAM	MID	MAX OBS MIN	55	53	48	44	48	63	54	58	60	60	49	50	60	61	47	64	60	41	60	46	53	62	64	45	33	31	39	53							52.2		
			22	35	35	31	20	26	30	30	30	27	20	24	23	38	33	37	25	16	32	20	15	24	38	26	11	8	20	15								25.4	
DAMASCUS 2 SW	19	MAX OBS MIN	58	58	56	44	44	62	53	57	59	59	46	44	62	60	45	63	61	42	57	47	52	52	63	52	35	30	36	45							51.5		
			32	46	39	39	24	28	40	37	42	37	27	31	30	45	35	43	33	20	37	25	25	36	51	33	15	7	17	30								32.3	
EMMITSBURG 2 SE	17	MAX OBS MIN	55	54	49	43	45	62	59	57	55	57	45	45	58	58	42	65	63	41	56	54	51	52	64	53	38	27	34	44							50.9		
			22	40	40	38	24	28	32	26	35	44	24	29	26	42	36	42	36	16	32	26	16	27	48	33	17	8	16	26								29.6	
FREDERICK POLICE BRKS	17	MAX OBS MIN	57	58	60	45	45	62	65	59	58	59	46	46	59	61	59	66	65	44	57	57	56	53	65	65	39	35	35	46							54.4		
			28	45	41	40	27	30	37	33	39	45	27	34	30	42	37	40	37	21	37	27	21	35	51	35	15	10	17	32								32.6	
MILLERS 4 NE	18	MAX OBS MIN	57	56	51	42	42	58	53	56	58	58	44	43	60	59	44	64	62	39	55	48	50	52	62	51	34	26	34	42							50.0		
			31	44	38	37	23	30	38	32	41	38	25	31	26	41	34	42	34	16	32	24	20	33	50	31	17	8	18	31								30.9	
ROCKVILLE 1 NE	MID	MAX OBS MIN	58	62	54	47	44	61	53	58	61	61	48	44	63	66	48	65	58	42	58	40	50	60	64	44	29	31	38	46							51.9		
			27	46	41	34	25	32	42	33	45	32	27	32	30	43	38	45	29	23	40	26	22	39	44	29	16	12	22	29								32.3	
TOWSON	18	MAX OBS MIN	57	57	53	44	45	62	56	57	53	60	47	45	63	60	54	65	64	40	58	53	45	56	64	63	37	30	36	37							52.2		
			39	43	39	39	25	30	39	36	38	42	27	33	29	51	38	42	37	22	36	26	28	40	51	33	15	10	20	20								33.1	

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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	
UNIONVILLE	07	MAX	58	57	50	44	45	45	55	58	59	59	46	45	46	59	63	65	64	42	49	49	42	53	63	62	38	29	36	44				
		OBS						62							62		46																	
		MIN	22	40	41	39	21	22	29	24	35	42	21	29	23	43	35	42	36	14	33	21	15	28	42	52	16	8	16	25				
WESTMINSTER POLICE BRK	17	MAX	58	59	58	43	43	60	60	60	58	60	46	44	60	70	53	65	65	41	56	56	52	54	64	56	38	26	35	44				
		MIN	33	43	38	37	22	32	32	38	37	42	28	33	27	40	34	41	35	19	33	25	23	32	49	32	12	6	17	30				
WOODSTOCK	18	MAX	59	60	57	44	44	63	56	59	63	60	49	46	64	64	50	66	65	43	58	51	52	55	65	62	36	31	36	47				
		MIN	24	41	40	39	24	27	35	29	39	42	24	30	26	50	36	44	38	18	34	25	18	32	51	33	18	10	17	24				
APPALACHIAN MOUNTAIN CUMBERLAND 2	07	MAX	53	60	58	52	50	63	55	62	57	49	44	44	62	64	46	66	66	45	55	47	56	63	65	50	30	32	42	43				
		OBS																																
		MIN	25	43	42	39	28	31	38	33	33	39	26	26	26	38	38	34	32	19	38	19	20	32	32	28	6	6	23	22				
FROSTBURG 2	07	MAX	47	56	56	44	46	41	53	43	56	54	38	37	33	61	59	55	65	29	45	46	34	49	60	56	33	11	24	37				
		MIN	26	30	44	38	20	20	35	38	37	38	24	23	24	28	33	33	29	17	17	19	18	19	41	24	4	-1	-2	19				
HAGERSTOWN	08	MAX	53	55	54	45	45	47	63	54	58	57	45	46	45	59	60	49	64	40	43	57	42	53	57	65	42	25	28	40				
		OBS																																
		MIN	25	34	41	38	23	25	32	31	31	43	27	29	30	32	38	28	38	37	17	25	25	20	21	38	33	14	7	9	23			
HANCOCK	08	MAX	55	52	58	45	49	49	64	55	64	51	47	50	47	63	65	57	63	40	43	58	43	58	61	68	42	24	31	42				
		OBS																																
		MIN	19	21	42	40	23	24	34	27	26	44	21	22	24	25	38	39	34	13	15	21	14	16	31	33	15	5	6	26				
ALLEGHENY PLATEAU MC HENRY 2 NW	08	MAX	47	57	58	48	50	36	51	39	56	52	35	40	38	59	54	58	67	28	48	46	33	55	64	54	34	12	34	35				
		MIN	28	38	41	40	18	18	34	34	34	33	24	22	22	36	34	34	24	17	20	15	15	21	41	22	0	-3	0	25				
OAKLAND 1 SE	17	MAX	60	62	52	51	40	53	52	58	57	51	42	33	59	57	56	65	59	49	47	45	56	63	61	41	27	31	36	36				
		MIN	18	43	43	31	20	26	33	33	30	33	23	23	18	47	36	46	24	14	34	17	12	27	41	23	3	-7	15	27				
SAVAGE RIVER DAM	08	MAX	43	48	55	47	48	43	55	46	57	64	42	44	38	63	62	59	68	34	41	42	39	51	65	60	36	11	28	41				
		MIN	21	23	38	40	25	25	29	36	31	32	24	25	26	26	35	35	30	18	21	21	16	16	31	28	9	-1	0	21				
DELAWARE NORTHERN NEWARK UNIVERSITY FARM	01	MAX	57	61	54	44	42	58	59	59	65	61	48	45	61	65	54	67	65	41	59	56	52	62	65	61	43	27	35	43				
		OBS																																
		MIN	25	41	39	38	22	26	33	28	34	43	25	35	26	51	41	40	38	20	31	27	18	27	52	33	21	10	12	28				
WILMINGTON WSO ARPT	MID	MAX	53	58	49	44	41	57	60	56	64	63	47	46	59	67	44	67	60	39	60	40	50	64	65	46	33	29	36	43				
		MIN	28	43	40	30	23	28	38	33	35	32	26	29	27	44	42	43	30	22	37	26	21	31	45	33	16	10	20	29				
WILMINGTON PORTER RSVR	MID	MAX	53	57	47	43	39	57	58	56	62	60	45	44	57	64	43	65	60	48	57	40	48	62	63	45	33	26	35	41				
		OBS																																
		MIN	33	45	38	28	24	29	40	35	41	35	29	32	29	43	41	42	30	21	37	27	24	35	45	33	16	10	20	28				
SOUTHERN DOVER	02	MAX	57	64	63	43	44	62	59	59	66	64	46	47	60	71	68	71	70	47	58	56	53	71	69	67	40	28	36	49				
		OBS																																
		MIN	27	46	37	36	27	35	41	34	37	39	26	37	26	50	41	49	41	23	36	24	18	33	50	40	21	8	20	30				
GEORGETOWN 5 SW	08	MAX	58	56	57	54	51	56	57	57	58	57	67	50	47	60	69	73	66	48	45	57	41	52	67	64	47	27	29	42				
		MIN	26	32	43	39	26	27	26	27	32	45	28	32	25	34	41	47	41	22	30	30	19	30	51	39	19	14	14	27				
GREENWOOD 2 NE	17	MAX	54	65	56	49	44	57	57	57	65	63	47	45	58	72	57	65	63	42	56	48	49	66	64	60	38	27	40	47				
		MIN	28	49	40	40	25	28	28	31	40	44	27	36	27	48	42	44	39	23	37	29	19	33	56	36	21	12	15	27				
LEWES	17	MAX	55	67	67	50	43	59	56	56	69	69	48	48	58	74	66	67	65	43	58	55	52	67	65	65	45	24	43	44				
		MIN	32	46	40	42	28	28	42	36	43	43	30	30	30	51	42	45	42	26	38	31	24	37	60	38	24	16	20	29				

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STATION	OBS. 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		
MILFORD 4 SE	17	MAX MIN OBS	55 28	66 47	60 40	49 42	44 26	60 27	58 38	56 40	67 41	67 46	49 26	46 36	61 25	74 50	57 42	66 43	64 39	44 26	58 37	56 30	51 19	68 32	66 58	60 38	42 23	24 13	43 17	46 26					55.6 34.1

SEE REFERENCE NOTES FOLLOWING STATION INDEX

# SNOWFALL AND SNOW ON GROUND (INCHES)

MARYLAND AND  
DELAWARE  
FEBRUARY 1990

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																																				
CENTRAL EASTERN SHORE 02																																				
ROYAL OAK 2 SSW SNOWFALL SN ON GND																									T							T				
LOWER SOUTHERN LA PLATA 1 W 03																									T											
MECHANICSVILLE 5 NE SNOWFALL SN ON GND																																	T			
UPPER SOUTHERN BALTIMORE WSO ARPT 04																									T								T			
UPPER MARLBORO 3 NNW SNOWFALL SN ON GND																																		T		
NORTHERN EASTERN SHORE 05																																				
CHESTERTOWN SNOWFALL SN ON GND																									T									T		
NORTHERN CENTRAL ABERDEEN PHILLIPS FLD 06																																			T	
BENSON POLICE BARRACKS SNOWFALL SN ON GND																									T									T		
CLARKSVILLE 3 NNE SNOWFALL SN ON GND																									T									T		
DAMASCUS 2 SW SNOWFALL SN ON GND												T													T									T		
EMMITSBURG 2 SE SNOWFALL SN ON GND													T												T									.5	T	
MILLERS 4 NE SNOWFALL SN ON GND													T												T	2.1								.1	T	
ROCKVILLE 1 NE SNOWFALL SN ON GND																									T	2	T							T		
WOODSTOCK SNOWFALL SN ON GND																										1.0										
APPALACHIAN MOUNTAIN 07																																				
FROSTBURG 2 SNOWFALL SN ON GND													2.5													.5	4.0	T					T	T	T	
ALLEGHENY PLATEAU 08													2	1											T											
MC HENRY 2 NW SNOWFALL SN ON GND													4.0												1.0	2.5	T						T	T	3.0	
MERRILL SNOWFALL SN ON GND													3	2												1	3	3						2	3	
																											4.1									
																											4									

SNOWFALL: INCLUDES SNOW AND ICE. VALUES FOR NWS STATIONS (J INDEX NOTE) ARE MID-MID (LST).  
 SNOW ON GROUND: INCLUDES SNOW, SLEET, ICE AND HAIL. VALUES FOR NWS STATIONS (J INDEX NOTE) ARE OBSERVED AT 0000 UTC (GMT).  
 WATER EQUIVALENT: GIVEN FOR NWS STATIONS (J INDEX NOTE) ONLY, WHEN SNOW DEPTH IS 2 INCHES OR MORE.  
 SEE REFERENCE NOTES FOLLOWING STATION INDEX.

# SNOWFALL AND SNOW ON GROUND (INCHES)

MARYLAND AND  
DELAWARE  
FEBRUARY 1990

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
OAKLAND 1 SE SNOWFALL SN ON GND					T						T	4.8													4.0	T		T	T		
SAVAGE RIVER DAM SNOWFALL SN ON GND	T	T																								T	T				
DELAWARE NORTHERN 01																															
WILMINGTON WSO ARPT SNOWFALL SN ON GND WTR EQUIV																									.4	T			.6	T	
WILMINGTON PORTER RSVR SNOWFALL SN ON GND																												1.0	T		
SOUTHERN 02 GREENWOOD 2 NE SNOWFALL SN ON GND																									T			T			

SNOWFALL: INCLUDES SNOW AND ICE. VALUES FOR NWS STATIONS (J INDEX NOTE) ARE MID-MID (LST).  
 SNOW ON GROUND: INCLUDES SNOW, SLEET, ICE AND HAIL. VALUES FOR NWS STATIONS (J INDEX NOTE) ARE OBSERVED AT 0000 UTC (GMT).  
 WATER EQUIVALENT: GIVEN FOR NWS STATIONS (J INDEX NOTE) ONLY, WHEN SNOW DEPTH IS 2 INCHES OR MORE.  
 SEE REFERENCE NOTES FOLLOWING STATION INDEX

# STATION INDEX

MARYLAND AND  
DELAWARE  
FEBRUARY 1990

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	0015506		HARFORD	39 28	76 10W	57	16	16		C	H	ROSS AVIATION INC	
ANNAPOLIS POLICE BRKS	0193504		ANNE ARUNDEL	38 59	76 30W	30	17	17			H	H	ANNAPOLIS POLICE BRKS
ASSATEAGUE IS NATL SEA	0333504		WORCESTER	38 14	75 8W	7	07	07			H	H	NATIONAL PARK SERVICE
BALTIMORE WSO ARPT	0446504		ANNE ARUNDEL	39 11	76 40W	148	MID	MID			C	H	NATL WEATHER SERVICE
BALTIMORE WSO CITY #	0470006	R	BALTIMORE CI	39 17	76 37W	14	MID	MID			C	C	OCMI COMMANDING OFFICER
BELTSVILLE	0700004		PRINCE GEORG	39 2	76 53W	120	08	08		08	C	H	US DEPT OF AGRICULTURE
BENSON POLICE BARRACKS	0732506		HARFORD	39 30	76 23W	365	17	17			H	H	MARYLAND STATE POLICE
BOYDS 2 NW	1032006		MONTGOMERY	39 13	77 20W	581	18	18			H	H	HUNTER F STALEY
BRIGHTON DAM	1125006		MONTGOMERY	39 12	77 1W	331		MID				H	WASH SUB SANY COMM
CAMBRIDGE WATER TRMT P	1385002		DORCHESTER	38 34	76 4W	10	16	16				H	WASTEWATER TRMT PLANT
CATOCTIN MOUNTAIN PARK	1530006		FREDERICK	39 39	77 29W	1610	17	17			C	H	CATOCTIN MOUNTAIN PARK
CHESTERTOWN	1750005		KENT	39 13	76 4W	39	23	23			H	H	THOMAS W ELIASON JR
CLARKSVILLE 3 NNE	1862006		HOWARD	39 15	76 56W	365	17	17			H	H	UNIVERSITY OF MARYLAND
COLLEGE PARK	1995004		PRINCE GEORG	38 59	76 57W	90	09	09			C	H	UNIVERSITY OF MARYLAND
CONOWINGO DAM	2060006		HARFORD	39 39	76 10W	39	MID	MID				H	SUSQUEHANNA ELECTRIC CO
CRISFIELD SOMERS COVE	2215001		SOMERSET	37 59	75 52W	8	17	17				H	SOMERS COVE MARINA
CUMBERLAND 2	2282007		ALLEGANY	39 38	78 45W	730	18	07			H	H	TIMOTHY B THOMAS
DALECARLIA RESVR DC	2325004		DIS COLUMBIA	38 56	77 7W	151	17	17				H	U S CORPS OF ENGINEERS
DAMASCUS 2 SW	2335006		MONTGOMERY	39 16	77 14W	722	19	19			H	H	RICHARD W SCHWERDT
DENTON 2 E	2523002		CAROLINE	38 53	75 48W	49	17	17			H	H	ARTHUR REINHOLD
EDGE MONT	2770007		WASHINGTON	39 40	77 33W	905		07				H	JOHN W HARNE
EMMITSBURG 2 SE	2906006		FREDERICK	39 41	77 18W	420	17	17			H	H	MRS LUCILLE K BEALE
FREDERICK POLICE BRKS	3348006		FREDERICK	39 25	77 26W	381	17	17			H	H	MARYLAND STATE POLICE
FREDERICK 3 E	3355006		FREDERICK	39 24	77 22W	385		07				H	MISS I MARY STALEY
FROSTBURG 2	3415007		ALLEGANY	39 40	78 56W	2172	07	07			H	H	LEE K CLOSE
GLENN DALE BELL STN	3675004		PRINCE GEORG	38 58	76 48W	151	16	16			H	H	USDA PLT INTRODUCT STN
HAGERSTOWN	3975007		WASHINGTON	39 39	77 44W	659	08	18			H	H	HAGERSTOWN RESERVOIR
HANCOCK	4030007		WASHINGTON	39 42	78 11W	428	08	08			C	H	TOWN OF HANCOCK
LA PLATA 1 W	5080003		CHARLES	38 32	77 0W	140	18	18			H	H	C RUSSELL LEVERING
LAUREL 3 W	5111004		PRINCE GEORG	39 6	76 54W	400	MID	MID				H	WASH SUB SANY COMM
MC HENRY 2 NW	5832006		GARRETT	39 35	79 22W	2680	08	08			C	H	JOSEPH F JOHENNING
MECHANICSVILLE 5 NE	5866503		ST MARYS	38 27	76 41W	100	19	19			C	H	SANDRA J HASTINGS
MERRILL	5894008		GARRETT	39 36	79 5W	1791		09			H	H	DELWOOD E HERRILL
MILLERS 4 NE	5934006		CARROLL	39 43	76 48W	860	18	18			C	H	ROBERT P MILLER
MILLINGTON 1 SE	5985005		KENT	39 16	75 52W	30	18	18				H	HOWARD L HARVEY
NATIONAL ARBORETUM DC	6350004		DIS COLUMBIA	38 54	76 59W	49	08	08			H	H	U S NATL ARBORETUM
OAKLAND 1 SE	6620008		GARRETT	39 24	79 24W	2421	17	17			H	H	BEA J CROSCO
OWINGS FERRY LANDING	6770003		CALVERT	38 41	76 40W	160	17	17			H	H	JAMES C RASMUSSEN
PATUXENT RIVER	6915003		ST MARYS	38 20	76 25W	38	MID	MID			C	H	NAVAL WEATHER SERVICE
POTOMAC FILTER PLANT	7272006		MONTGOMERY	39 2	77 15W	269		08				H	POTOMAC WATER FILT PLT
PRINCESS ANNE	7330001		SOMERSET	38 13	75 41W	20	17	17				H	UNIV OF MD EASTERN SHORE
ROCKVILLE 1 NE	7705006		MONTGOMERY	39 6	77 6W	440	MID	17			H	H	WASHINGTON GAS AND LIGHT
ROYAL OAK 2 SSW	7806002		TALBOT	38 43	76 11W	10	18	18			H	H	JOHN L SWAINE JR
SALISBURY	8000001		WICOMICO	38 22	75 35W	10	17	17				H	CITY OF SALISBURY
SALISBURY FAA ARPT #	8005001		WICOMICO	38 20	75 31W	48	MID	MID			H	H	FAA
SAVAGE RIVER DAM	8065008		GARRETT	39 31	79 8W	1495	08	08		08	C	H	US CORPS OF ENGINEERS
SNOW HILL 4 N	8380001		WORCESTER	38 14	75 23W	30	18	18			H	H	CURTIS E SHOCKLEY
TALL TIMBERS	8875703		ST MARYS	38 10	76 33W	12	17	17			H	H	RICHARD A EVERETT
TOWSON	8877006		BALTIMORE	39 23	76 34W	390	18	18				H	BENDIX FRIEZ
UNIONVILLE	9030006		FREDERICK	39 27	77 11W	430	07	07			C	H	RICHARD GETZANDANNER
UPPER MARLBORO 3 NNW	9070004		PRINCE GEORG	38 52	76 47W	98	08	08		08	O	H	UNIVERSITY OF MARYLAND
VIENNA	9140002		DORCHESTER	38 29	75 50W	10	18	18				H	DELMARVA POWER & LIGHT
WESTMINSTER POLICE BRK	9440006		CARROLL	39 33	76 58W	765	17	17			H	H	MARYLAND STATE POLICE

SEE REFERENCE NOTES FOLLOWING STATION INDEX

# STATION INDEX

MARYLAND AND  
DELAWARE  
FEBRUARY 1990

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	459	18	18		H	JOHN A HILTZ
DELAWARE											
DOVER	2730	002	KENT	39 9	75 31W	30	17	17		H	STATE DIV OF HIGHWAYS
GEORGETOWN 5 SW	3570	002	SUSSEX	38 38	75 27W	45	08	08	08	C	UNIV OF DEL SUBSTATION
GREENWOOD 2 NE	3595	002	SUSSEX	38 50	75 35W	45	17	18		H	DANIEL M SWARTZENTRUBER
LEWES	5320	002	SUSSEX	38 46	75 8W	15	17	17		H	BOARD OF PUBLIC WORKS
MILFORD 4 SE	5915	002	SUSSEX	38 54	75 28W	30	17	17		H	DAVID S SCHLOTT
NEWARK UNIVERSITY FARM	6410	001	NEW CASTLE	39 40	75 44W	90	17	17	17	C	UNIV OF DEL AGRIC FARM
WILMINGTON WSO ARPT	9595	001	NEW CASTLE	39 40	75 36W	79	MID	MID		H	NATL WEATHER SERVICE
WILMINGTON PORTER RSVR	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  
FEBRUARY 1990

## 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. The data are also available in digital form on magnetic tape and diskette.

SUBSCRIPTION, PRICE AND ORDERING INFORMATION AVAILABLE FROM:

NATIONAL CLIMATIC DATA CENTER  
FEDERAL BUILDING  
ASHEVILLE, NC 28801-2696

USCOMM-NOAA-ASHEVILLE, N.C. FEBRUARY 1990-0585

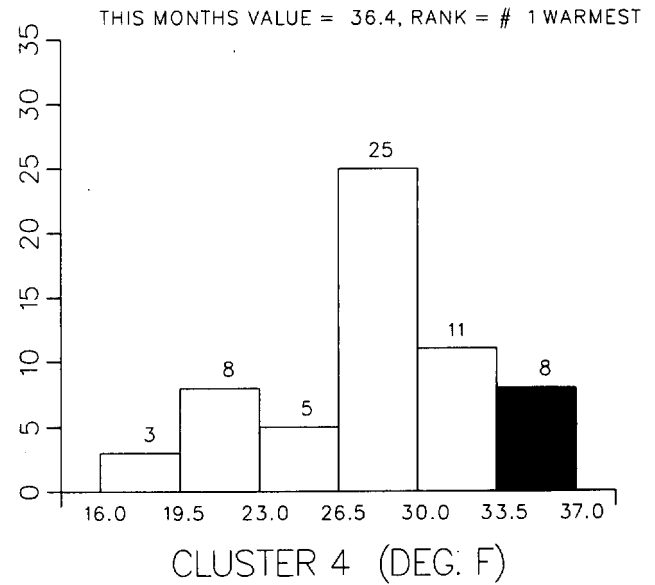
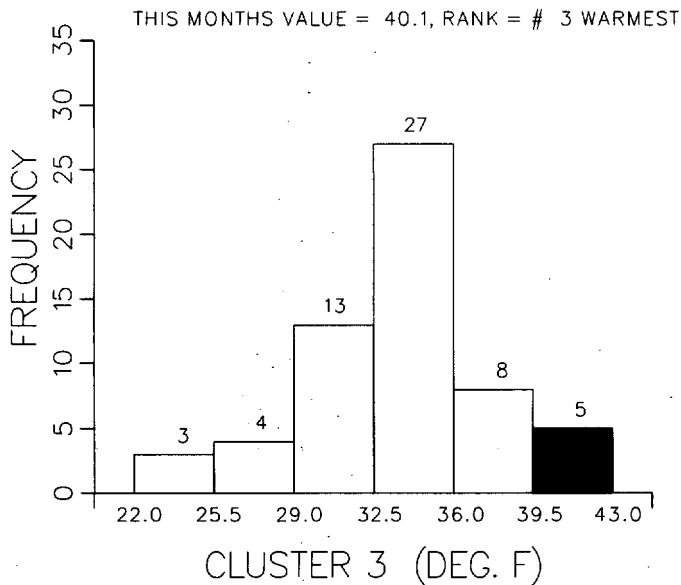
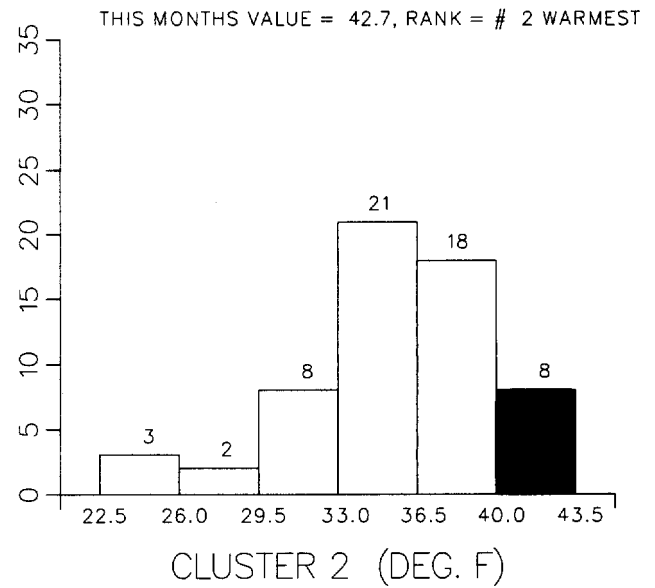
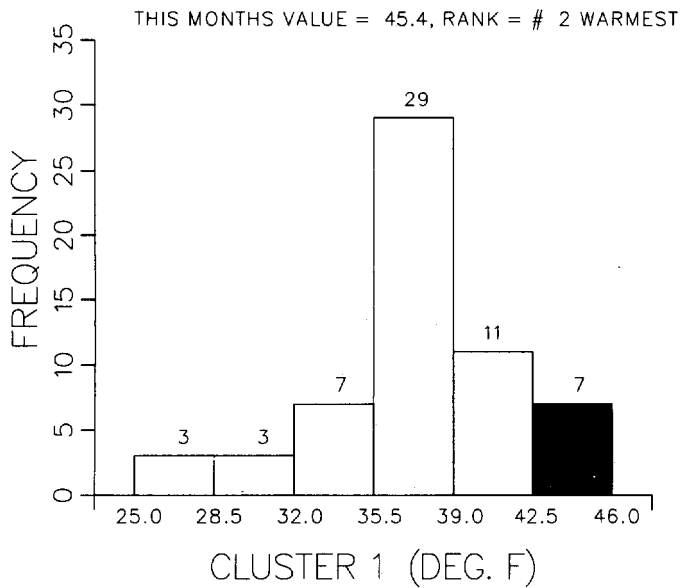
# MEAN MONTHLY TEMPERATURE FREQUENCY DISTRIBUTION FOR PERIOD OF RECORD 1931-1990 FOR MONTH OF FEBRUARY MARYLAND

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

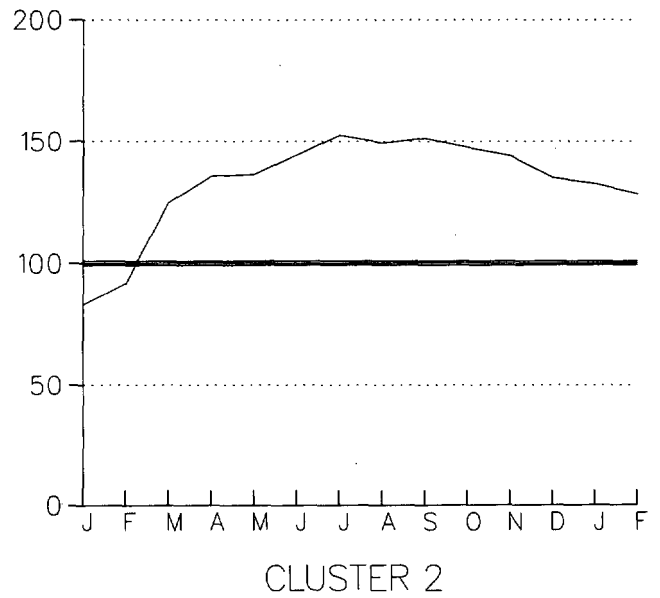
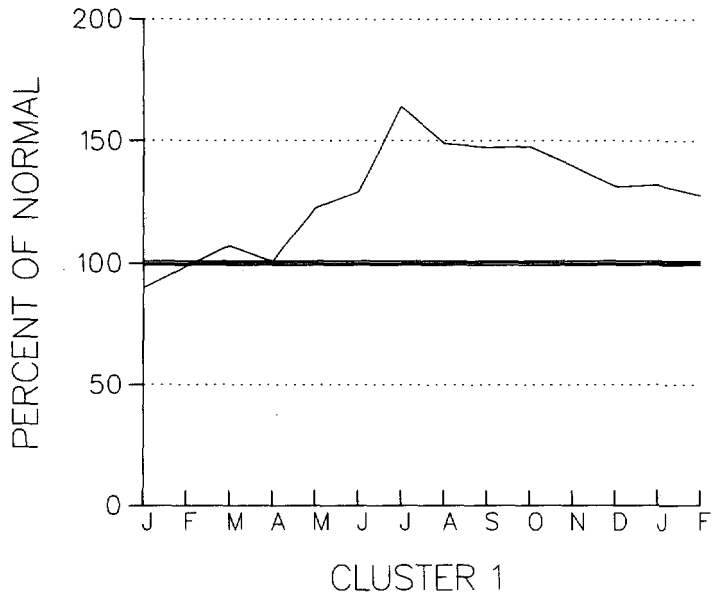




CUMULATIVE PRECIPITATION DEPARTURES FROM NORMAL (1951-1980)  
 FOR THE LAST 14 MONTHS  
 ENDING FEBRUARY 1990  
 DELAWARE

CLUSTER 1 - DIVISION(S):  
 NORTHERN 01

CLUSTER 2 - DIVISION(S):  
 SOUTHERN 02



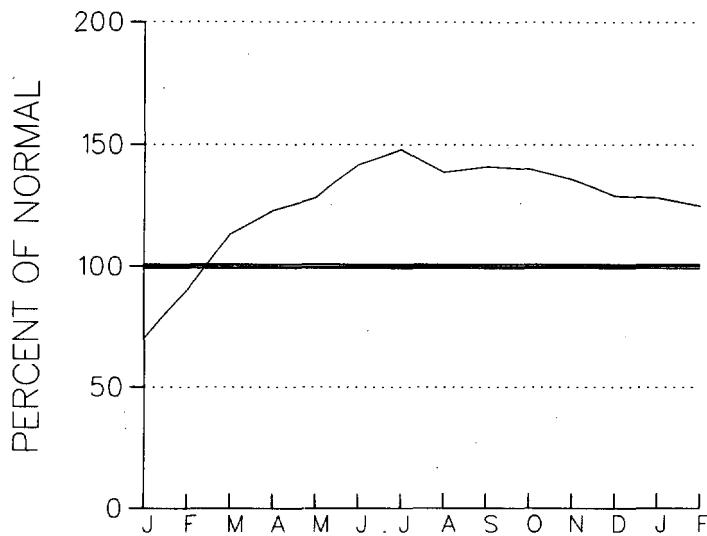
CUMULATIVE PRECIPITATION DEPARTURES FROM NORMAL (1951-1980)  
FOR THE LAST 14 MONTHS  
ENDING FEBRUARY 1990  
MARYLAND

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

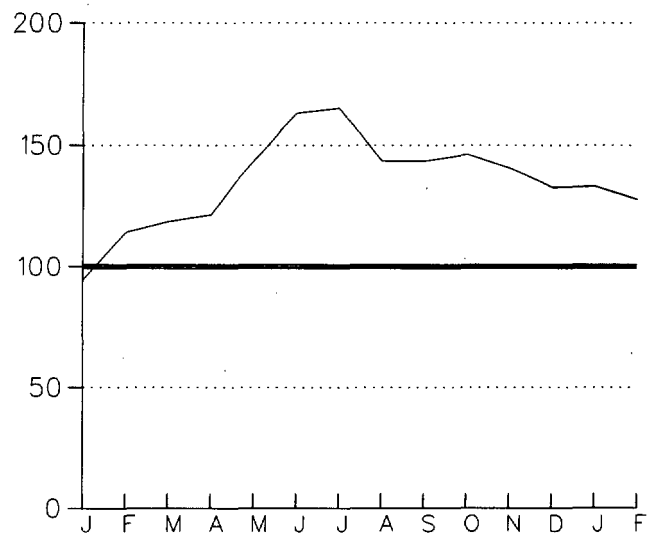
CLUSTER 2 - DIVISION(S):  
UPPER SOUTHERN 04  
NORTHERN EASTERN SHORE 05

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

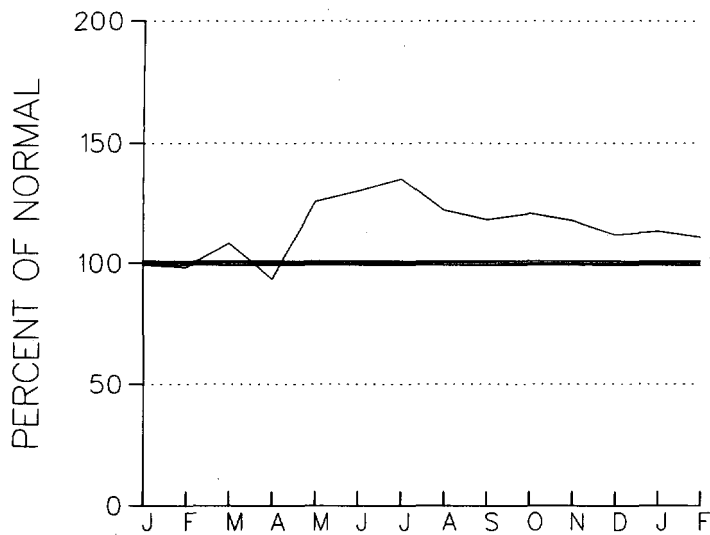
CLUSTER 4 - DIVISION(S):  
ALLEGHENY PLATEAU 08



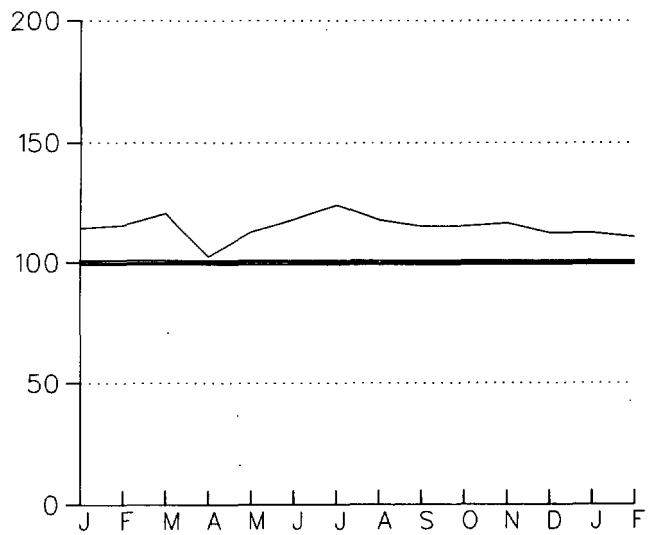
CLUSTER 1



CLUSTER 2



CLUSTER 3

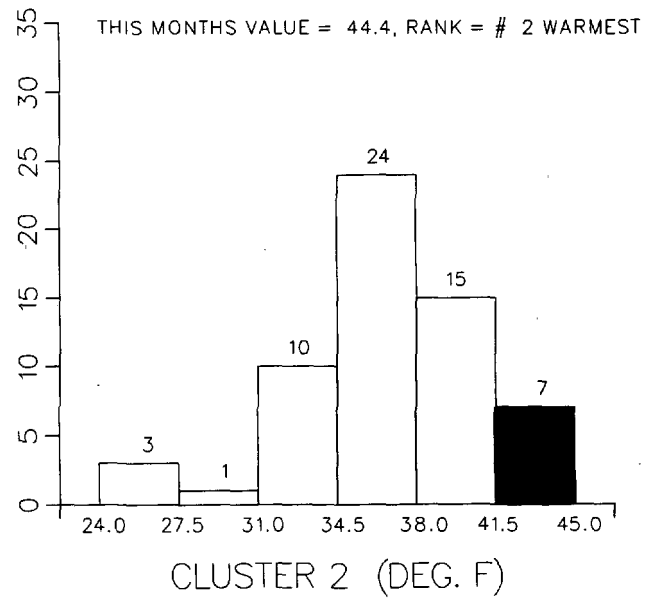
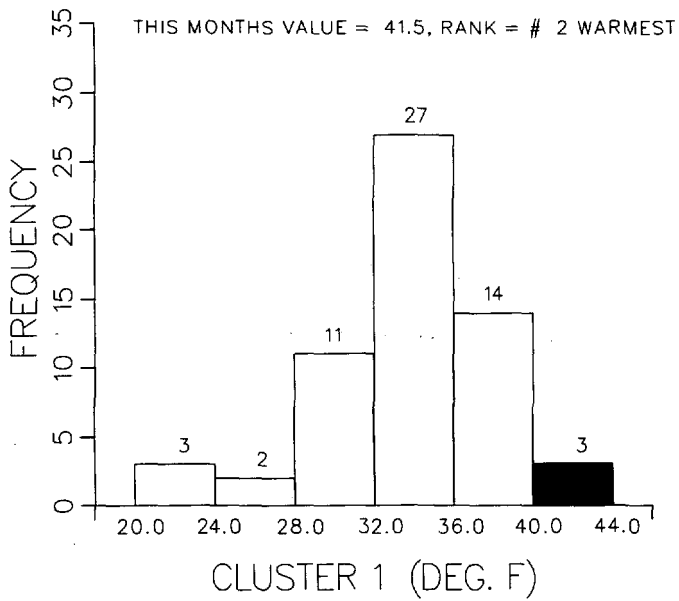


CLUSTER 4

MEAN MONTHLY TEMPERATURE FREQUENCY DISTRIBUTION  
 FOR PERIOD OF RECORD 1931-1990  
 FOR MONTH OF FEBRUARY  
 DELAWARE

CLUSTER 1 - DIVISION(S):  
 NORTHERN 01

CLUSTER 2 - DIVISION(S):  
 SOUTHERN 02



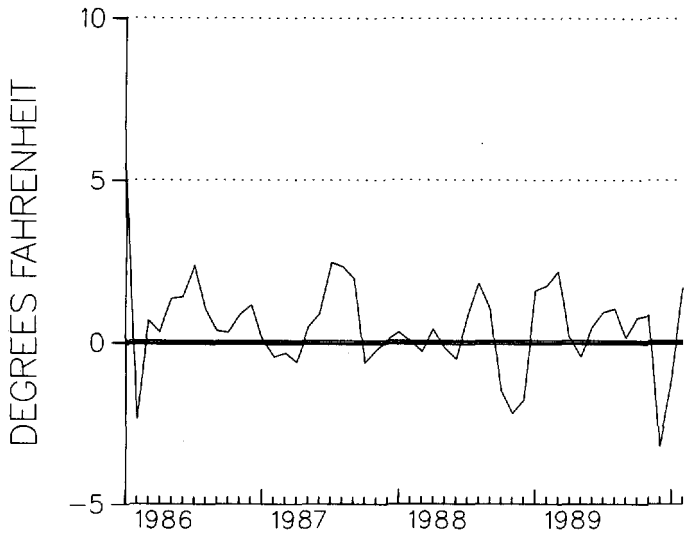
TEMPERATURE DEPARTURES FROM NORMAL (1951-1980)  
THREE MONTH RUNNING MEAN  
FOR THE 50 MONTHS ENDING WITH FEBRUARY 1990 DATA  
MARYLAND

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

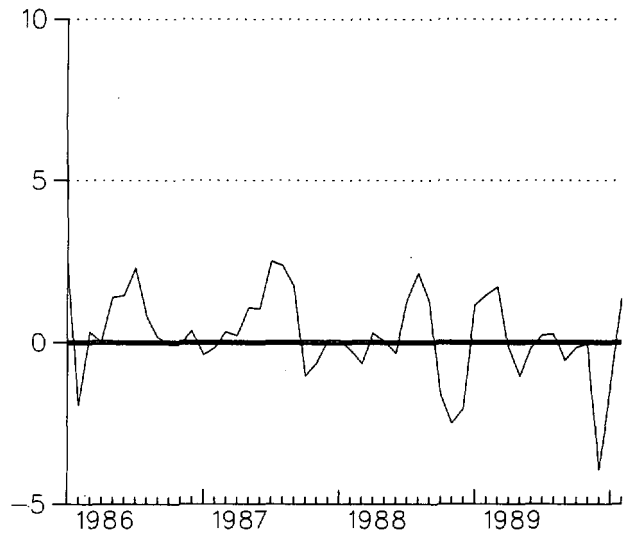
CLUSTER 2 -DIVISION(S):  
UPPER SOUTHERN 04  
NORTHERN EASTERN SHORE 05

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

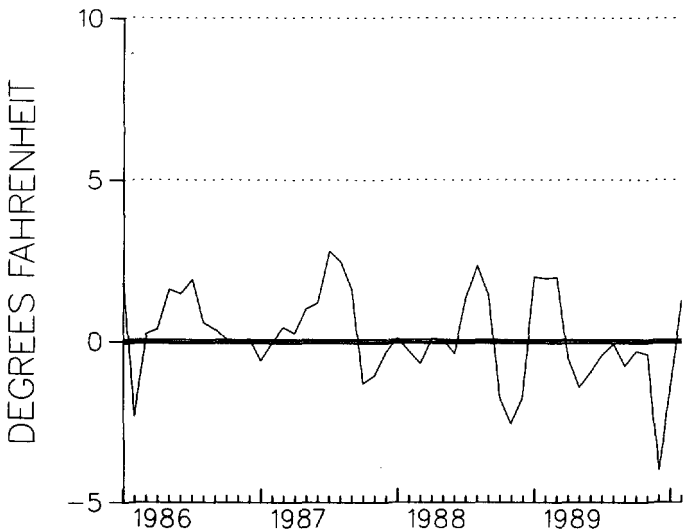
CLUSTER 4 -DIVISION(S):  
ALLEGHENY PLATEAU 08



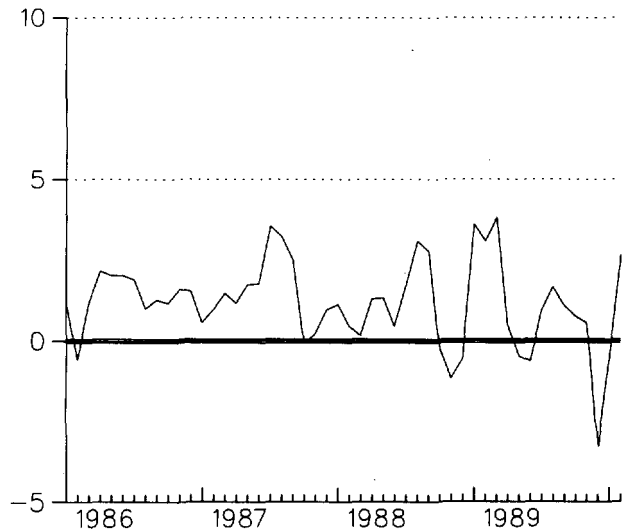
CLUSTER 1



CLUSTER 2



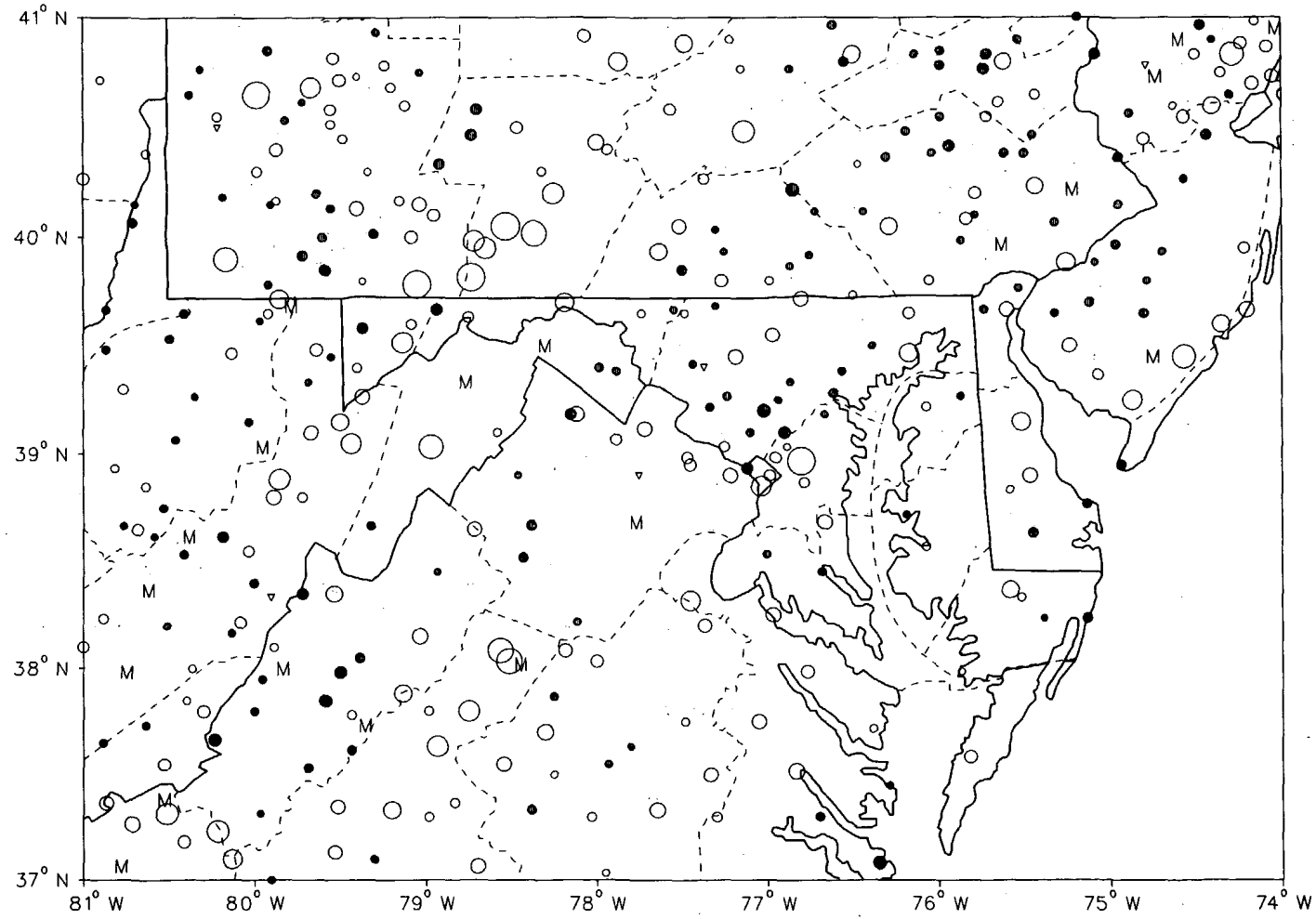
CLUSTER 3



CLUSTER 4

MONTHLY PRECIPITATION DEPARTURE FROM  
THE DIVISIONAL AVERAGE FOR  
FEBRUARY 1990  
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

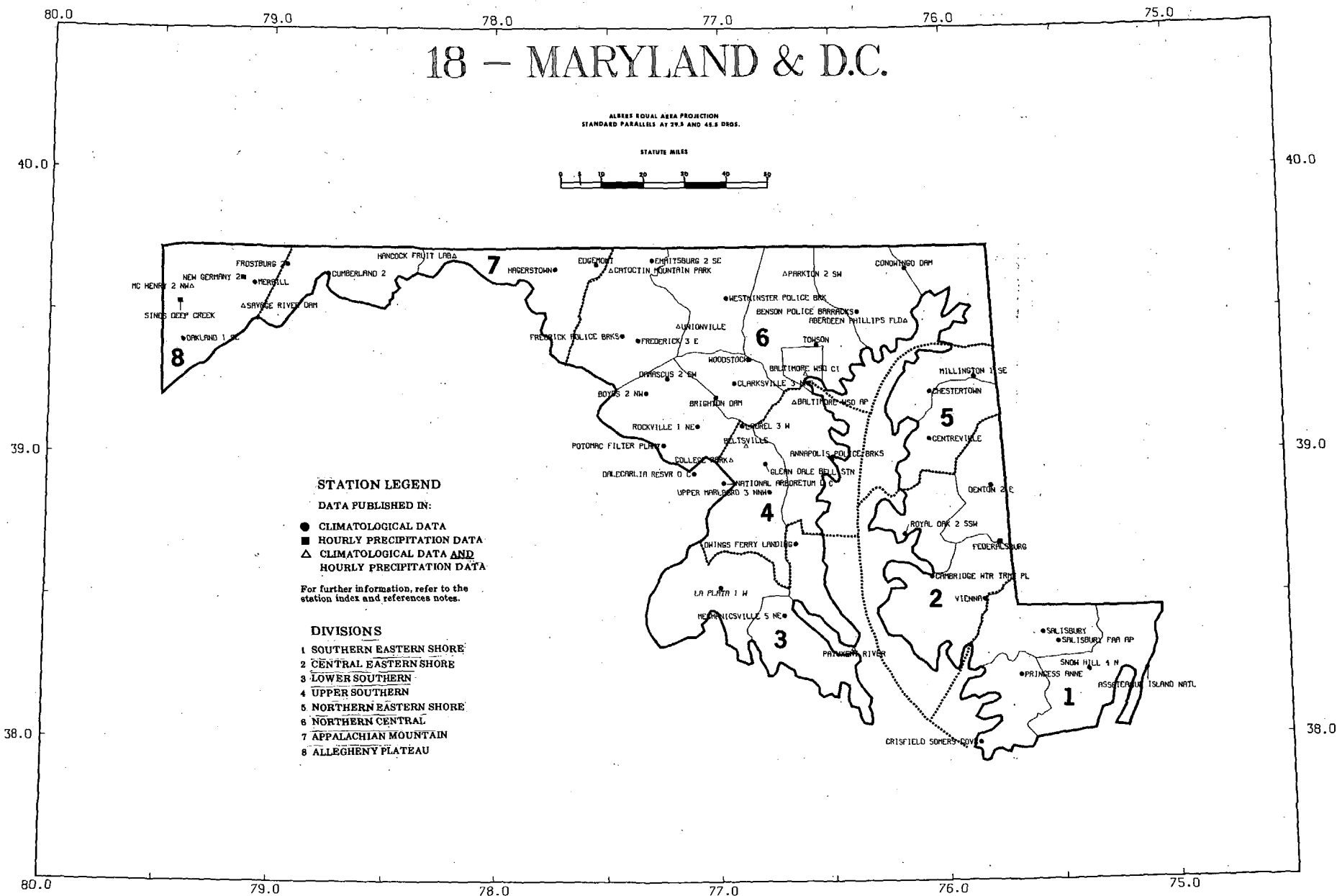


CIRCLE DIAMETER IS PROPORTIONAL TO DEPARTURE ON A CONTINUOUS SCALE

# 18 - MARYLAND & D.C.

ALBERS EQUAL AREA PROJECTION  
STANDARD PARALLELS AT 29.5 AND 48.5 DEGS.

STATUTE MILES



### STATION LEGEND

- DATA PUBLISHED IN:
- CLIMATOLOGICAL DATA
  - HOURLY PRECIPITATION DATA
  - △ CLIMATOLOGICAL DATA AND HOURLY PRECIPITATION DATA

For further information, refer to the station index and references notes.

- ### DIVISIONS
- 1 SOUTHERN EASTERN SHORE
  - 2 CENTRAL EASTERN SHORE
  - 3 LOWER SOUTHERN
  - 4 UPPER SOUTHERN
  - 5 NORTHERN EASTERN SHORE
  - 6 NORTHERN CENTRAL
  - 7 APPALACHIAN MOUNTAIN
  - 8 ALLEGHENY PLATEAU

40.0 76.0

75.0

40.0

# 07 - DELAWARE

ALBERS EQUAL AREA PROJECTION  
STANDARD PARALLELS AT 39.5 AND 45.5 DEGS.

STATUTE MILES



## STATION LEGEND

DATA PUBLISHED IN:

- CLIMATOLOGICAL DATA
- HOURLY PRECIPITATION DATA
- △ CLIMATOLOGICAL DATA AND HOURLY PRECIPITATION DATA

*For further information, refer to the station index and references notes.*

## DIVISIONS

- 1 NORTHERN
- 2 SOUTHERN

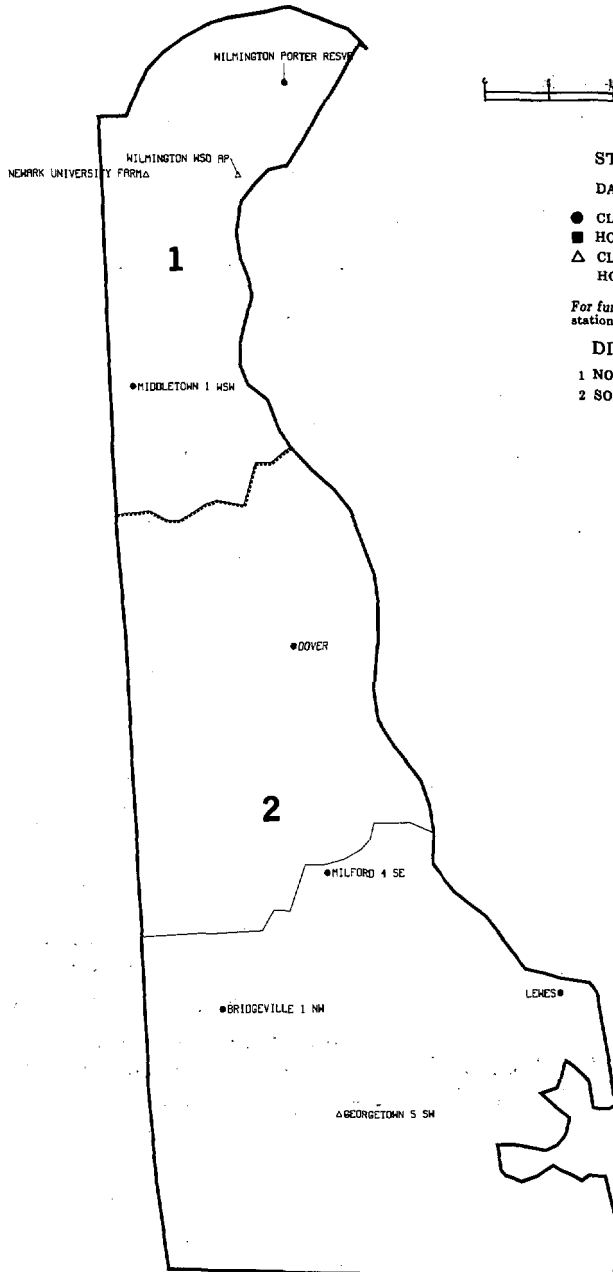
39.0

39.0

38.0 76.0

75.0

38.0



CD  
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DEPARTMENT OF COMMERCE  
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