



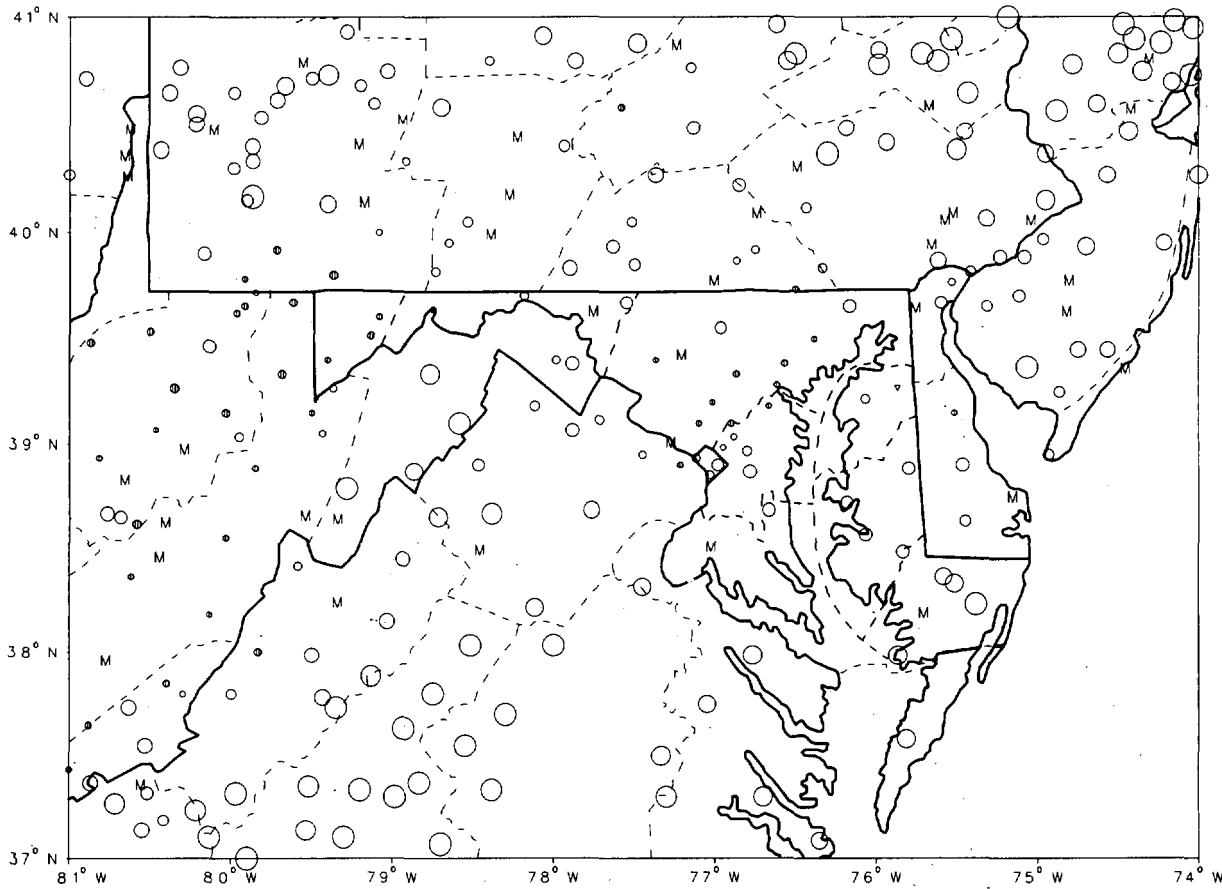
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# CLIMATOLOGICAL DATA MARYLAND AND DELAWARE

## JANUARY 1989 VOLUME 93 NUMBER 1

### 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

NATIONAL  
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ATMOSPHERIC ADMINISTRATION

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AND INFORMATION SERVICE

NATIONAL  
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ASHEVILLE NORTH CAROLINA

# TEMPERATURE AND PRECIPITATION EXTREMES

MARYLAND AND  
DELAWARE  
JANUARY 1989

MARYLAND					
HIGHEST TEMPERATURE	66	JANUARY	24	BALTIMORE WSO CI	R
LOWEST TEMPERATURE	3	JANUARY	22	OAKLAND 1 SE	
GREATEST TOTAL PRECIPITATION	4.94			MC HENRY 2 NW	
LEAST TOTAL PRECIPITATION	1.80			SNOW HILL 4 N	
GREATEST 1 DAY PRECIPITATION	1.12	JANUARY	12	TOWSON	
GREATEST TOTAL SNOWFALL	24.2	JANUARY	8	FROSTBURG 2	
GREATEST DEPTH OF SNOW OR ICE	12			FROSTBURG 2	
DELAWARE					
HIGHEST TEMPERATURE	63	JANUARY	30+	3 STATIONS	
LOWEST TEMPERATURE	11	JANUARY	5	DOVER	
GREATEST TOTAL PRECIPITATION	3.35			DOVER	
LEAST TOTAL PRECIPITATION	2.48			WILMINGTON WSO AP	R
GREATEST 1 DAY PRECIPITATION	.82	JANUARY	15	DOVER	
GREATEST TOTAL SNOWFALL	6.7	JANUARY	7+	WILMINGTON WSO AP	R
GREATEST DEPTH OF SNOW OR ICE	4			3 STATIONS	

# MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

MARYLAND AND  
DELAWARE  
JANUARY 1989

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 ISLAND NATL SE	50.7	31.1	40.9		62	25	15	5	740	0	0	1	3	0	1.84		.45	7	T	T		4	0	0				
CRISFIELD SOMERS COVE	47.9	35.3	41.6	4.8	54	27+	22	5	718	0	0	0	8	0	1.92	-1.31			M	M		3	1	0				
PRINCESS ANNE																												
SALISBURY	51.3	31.6	41.5	4.8	62	24	15	5	723	0	0	0	2	0	2.29	-1.23	.50	6	T	T		7	1	0				
SALISBURY FAA AP	49.8	30.4	40.1	5.0	61	24	15	22	763	0	0	0	1	0	2.06	-1.32	.35	1	T	T		7	1	0				
SNOW HILL 4 N	51.1	31.2	41.2	5.2	61	29+	14	5	732	0	0	0	1	0	1.80	-1.83	.47	1	T	T		5	0	0				
--DIVISIONAL DATA-->																												
CENTRAL EASTERN SHORE 02																												
CAMBRIDGE WTR TRMT PL	49.5	30.8	40.2	5.5	60	30	19	22+	761	0	0	1	5	0	2.69	-.80	.94	15	T	T		5	3	0				
DENTON 2 E	48.5	28.9	38.7	4.6	63	29	10	5	807	0	0	0	1	0	2.57	-.75	.75	15	M	M		3	2	0				
ROYAL OAK 2 SSW	47.7	31.6	39.7	4.7	62	24	20	22+	778	0	0	0	1	0	2.77	-.67	.81	15	T	T		6	2	0				
VIENNA	49.7	29.7	39.7	3.8	62	24	14	5	778	0	0	0	1	0	2.72	-.80	.64	15	T	T		6	3	0				
--DIVISIONAL DATA-->																												
LOWER SOUTHERN 03																												
LA PLATA 1 W	48.6	30.1	39.4	4.8	62	24	18	22+	785	0	0	0	2	0	1.47		.45	6	T	T		4	0	0				
MECHANICSVILLE 1 E	48.0	29.5	38.8		63	24	15	5	807	0	0	0	1	0	2.37		.81	15	T	T		5	1	0				
OWINGS FERRY LANDING	48.0	28.8	38.4	3.9	62	24	13	5	816	0	0	0	1	0	2.46	-.68	.82	15	T	T		7	2	0				
PATUXENT RIVER	48.3	31.7	40.0		63	24	19	5	768	0	0	0	1	0	2.37		.64	12	T	T		5	1	0				
--DIVISIONAL DATA-->																												
UPPER SOUTHERN 04																												
ANNAPOLIS POLICE BRKS	48.4	27.8	38.1		64	24	13	5	824	0	0	1	2	0	3.60		.94	8	T	T		6	3	0				
BALTIMORE WSO AP	47.2	28.5	37.9	5.2	63	24	13	5	834	0	0	2	1	0	3.07	-.07	.62	6			3	7	8					
BELTSVILLE	46.6	27.3	37.0	5.7	62	25	12	5	862	0	0	2	2	0	2.83	-.08	.65	15			1	6+	8					
COLLEGE PARK	46.1	28.8	37.5	3.5	62	25	14	5	843	0	0	1	3	0	2.99	-.02	.69	15			1	7	7					
DALECARLIA RESVR D C	47.9	24.4	36.2	3.9	61	24	11	5	887	0	0	0	9	0	2.82	-.25	.73	6	M	M		1	1	0				
GLENN DALE BELL STN	48.6	25.1	36.9	3.7	64	25	8	5	865	0	0	0	9	0	2.70	-.36	.70	15	M	M		1	1	0				
LAUREL 3 W	46.2	27.5	36.9	3.5	63	24	9	5	866	0	0	0	2	0	3.23	-.36	.60	12	M	M		6	2	0				
NATIONAL ARBORETUM D C	47.3	24.5	35.9	1.1	63	25	12	5	893	0	0	0	2	0	2.53	-.64	.80	15	M	M		3	4	0				
UPPER MARLBORO 3 NNW	46.4	25.0	35.7		62	25	10	5	899	0	0	1	2	0	2.47	-.81	.73	15	M	M		3	4	0				
--DIVISIONAL DATA-->																												
NORTHERN EASTERN SHORE 05																												
CHESTERTOWN	45.4	29.2	37.3	4.2	60	29	11	5	850	0	0	2	2	0	2.93	-.35	.84	15	M	M		4	2	0				
MILLINGTON 1 SE	46.5	27.7	37.1	4.9	60	29+	15	5	855	0	0	1	2	0	3.16	-.00	.85	15	M	M		1	6	0				
--DIVISIONAL DATA-->																												
NORTHERN CENTRAL 06																												
ABERDEEN PHILLIPS FLD	47.7	32.3	40.0	4.5	61	24	11	5	767	0	0	1	1	0	2.81		1.07	12	M	M		5	4	1				
BALTIMORE WSO CI					66	24	19	5	767	0	0	3	1	0	3.22	.15	.72	12			M	6	8					
BENSON POLICE BARRACKS	48.4	27.1	37.8	6.6	65	24	11	5	834	0	0	1	2	0	3.55	.12	.95	12			M	4	7					
BOYDS 2 NW	45.4	29.7	37.6		61	24	14	5	845	0	0	0	3	0	2.63		.67	12			M	5	6					
CATOCTIN MOUNTAIN PARK	43.6	28.3	36.0		58	31	13	21	893	0	0	0	9	0	2.97				M	M		1	10					
CLARKSVILLE 3 NNE	48.3	26.3	37.3		64	24	8	5	852	0	0	0	9	0	3.32				M	M		1	5					
CONOWINGO DAM	44.5	24.2	34.4	4.2	57	24	10	5	943	0	0	2	2	0	2.57	-.76	.62	12	M	M		1	9					
DAMASCUS 2 SW	44.8	29.1	37.0		59	24	10	5	863	0	0	4	1	0	3.12		.91	12			M	10	2					
EMMITSBURG 2 SE	45.6	26.6	36.1		62	24	9	5	887	0	0	3	2	0	2.88		.65	15	M	M		10	5					

SEE REFERENCE NOTES FOLLOWING STATION INDEX

# MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

MARYLAND AND  
DELAWARE  
JANUARY 1989

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							
FREDRICK POLICE BRKS	47.3	29.8	38.6		60	30+	16	5	8	12	0	0	0	0	3.42		1	0	3	1	9	5	5	6	8	3	1	
MILLERS 4 NE	44.4	27.5	36.0		50	24	16	5	8	9	0	0	0	0	2.93		1	0	3	1	9	5	5	6	8	3	1	
ROCKVILLE 1 NE	48.9	32.1	40.6	7.2	65	25	18	5	7	9	0	0	0	4.12	.17	1	0	3	1	9	5	5	6	7	7	0	0	
TOWSON	47.4	27.9	37.7		61	24	13	5	8	3	0	0	0	3.75	.44	1	0	3	1	9	5	5	6	7	7	1	1	
UNIONVILLE	46.7	21.5	34.1	4.6	60	30	6	5	9	4	0	0	0	2.57														
WESTMINSTER POLICE BRK	46.5	24.9	35.7	5.6	58	25+	9	5	9	0	0	0	0	2.58	-.54		8	1	5	5	5	5	6	7	2	2	0	
WOODSTOCK	47.1	27.5	37.3	5.9	62	24	10	5	8	5	0	0	0	3.53	.39		8	9	2	10	0	6	6	6	8	3	0	
--DIVISIONAL DATA-->			37.1	5.5										3.07	-.06													
APPALACHIAN MOUNTAIN 07																												
CUMBERLAND 2	47.3	26.2	36.8	5.9	62	31+	15	21	8	7	0	0	0	2.65	.12		6	6	4	5	11	0	4	7+	9	1	0	
FROSTBURG 2	39.9	24.6	32.3		55	29	11	22+	10	0	0	0	0	3.32			6	6	3	4	24	2	12	8+	10	1	0	
HAGERSTOWN	45.4	28.2	36.8	6.2	61	24	13	5	8	6	0	0	0	1.85			5	7	1	5	4	3	4	7+	5	1	0	
HANCOCK FRUIT LAB	47.6	22.8	35.2	6.0	62	25	10	5	9	1	5	0	0	2.35	-.26		4	5	5	5	7	5	7	9	0	0		
--DIVISIONAL DATA-->			35.3	5.2										2.77	.02													
ALLEGHENY PLATEAU 08																												
MC. HENRY 2 NW	40.0	24.1	32.1		56	24	8	22+	10	1	5	0	0	4.94			8	2	4	14	0	9	5+	11	4	0		
OAKLAND 1 SE	44.7	24.1	34.4	8.2	55	28+	3	22	9	4	1	0	0	4.06	.27		9	5	12	20	0	10	4	9	3	0		
SAVAGE RIVER DAM	42.2	23.1	32.7	6.3	57	27	12	22	9	7	0	0	0	3.15	.55		6	0	5	8	0	5	7	10	2	0		
--DIVISIONAL DATA-->			33.1	7.6										4.05	.52													
DELAWARE																												
NORTHERN 01																												
NEWARK UNIVERSITY FARM	45.4	27.1	36.3	4.6	60	24	12	5	8	8	0	0	1	2.25			7	7	1	4	0	4	6	5	2	0		
WILMINGTON WSO AP	44.0	28.0	36.0	4.8	61	24	13	5	8	9	0	0	4	2.48	-.63		6	1	5	6	7	4	7	6	2	0		
WILMGTON PORTER RESVR	43.8	29.5	36.7	5.9	60	24	12	5	8	7	0	0	3	3.11	-.18		7	7	1	5	5	4	6	7	2	0		
--DIVISIONAL DATA-->			36.3	4.7										2.80	-.33													
SOUTHERN 02																												
DOVER	48.6	31.0	39.8	5.4	63	24	11	5	7	7	0	0	1	3.35	-.11		8	2	1	1	0	1	4	8	2	0		
GEORGETOWN 5 SW	48.5	29.8	39.2	5.0	63	30	13	22+	7	9	0	0	1	2.78	-.57		7	0	7	2	0	0	0	8	2	0		
GREENWOOD 2 NE	48.0	30.0	39.0		63	29	13	5	7	9	0	0	2	2.61			7	7	1	2	0	0	0	5	2	0		
LEWES	49.4	32.1	40.8	6.2	60	27	16	5	7	4	0	0	1	2.76			7	8	6	1	0	0	0	5	3	0		
MILFORD 4 SE	48.8	30.2	39.5	5.2	62	29	15	5	7	8	0	0	1	2.56	-.83		7	4	1	5	1	0	0	6	2	0		
--DIVISIONAL DATA-->			39.7	5.2										2.83	-.60													

SEE REFERENCE NOTES FOLLOWING STATION INDEX  
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# DAILY PRECIPITATION (INCHES)

MARYLAND AND  
DELAWARE  
JANUARY 1989

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 CRISFIELD SOMERS COVE PRINCESS ANNE	1.84	.08	.37		T		.03	.45	T	.05	T	.05	.28	T	.40	T																		.09	.08
SALISBURY	1.92	*	.60				.33	.01	.04	.07			.19		.59																				
SALISBURY FAA AP	2.29	.37	T		.30	T	.50	T	.06	.01		.01	.30	.15	T	.40	T																.19	T	
SALISBURY	2.06	.35		.02	.04		.27	T	.29	.03			.28	.20	.02	.33	T										T	T					.23		
SNOW HILL 4 N	1.80	.47			.02		.45	.02	.02	.03			.08	.21		.36																		.14	
CENTRAL EASTERN SHORE 02																																			
CAMBRIDGE WTR TRMT PL	2.69	.27	.02		.04		.51	T	.04	.03			.53	.06		.94																		.25	
DENTON 2 E	2.57	.21			.10		.60		.02				.44			.75																	.33		
ROYAL OAK 2 SSW	2.77	.36			.14		.62	.02	.08				.37	.02		.81																	.34		
VIENNA	2.72	.36	.01				.57		.06	.05			.56	.10		.64																	.35	.02	
LOWER SOUTHERN 03																																			
LA PLATA 1 W	M 1.47	.32		T	.04		.45	.01	.05	.01			.28	.03	T												T				.02		.03	.23	
MECHANICSVILLE 1 E	2.37	.36	T	T	.05		.49	.01	.04	T	T		.36	T	T	.81											T					T	.25		
OWINGS FERRY LANDING	2.46	.31			.14		.53	T	.10				.28			.82																T	.27		
PATUXENT RIVER	2.37	.34		.09	.08		.44	.01	.06	.03			.64	.06	.06	.44											T	T				T	.12	T	
UPPER SOUTHERN 04																																			
ANNAPOLIS POLICE BRKS	3.60	.31					.90		.94				.39			.76																	.08	.22	
BALTIMORE WSO AP	R 3.07	.37		.12	.02		.62	.04	.25	.05			.54	T	.13	.52											T				.09	T		.32	
BELTSVILLE	2.83	.02	.34		.07		.18	.46	.22	.08			.38	.10		.65															.03	.04		.08	.18
COLLEGE PARK	2.99	.40			.12		.26	.58		.05			.45	.06		.69											T				.06	.07		.03	.22
DALECARLIA RESVR D C	2.82	.50			.18		.73		.18	.12			.48	.02		.58																		.03	.03
GLENN DALE BELL STN	2.70	.31			.12		.67		.16	.03			.38			.70																.08		.25	
LAUREL 3 W	3.23	.31		.16			.54	.03	.23	.09			.60		.49	.32																.10		.36	
NATIONAL ARBORETUM D C	2.53		.30		.09		.30	.26	.14	.04			.35	.10		.80																.10		.05	
UPPER MARLBORO 3 NNW	2.47		.36		.15		.18	.40	.12	.04			.27	.04		.73	T																.05	.13	
NORTHERN EASTERN SHORE 05																																			
CHESTERTOWN	2.93	.35		.14	T		.51	.01	.17	.03			.37		.07	.84																.12		T	.32
MILLINGTON 1 SE	3.16	.38	.03		.13		.58	T	.17				.51	.01		.85																.15		.35	
NORTHERN CENTRAL 06																																			
ABERDEEN PHILLIPS FLD	2.81	*	*	.22	.05		.35				T		1.07	T	*	*	*															.13		.22	
BALTIMORE WSO CI	3.22	.35		.05			.55	.01	.29				.72		.22	.62	*											T				.12	*	*	.29
BENSON POLICE BARRACKS	3.55	.30	T		.06		.67		.35	.03			.95	.03		.76																.10	.05	.03	.22
BOYDS 2 NW	2.63	.35			.10		.50		.22				.67			.50																	.10		.19
BRIGHTON DAM	3.00	.30		.20			.30	.20	.70				.80		.30																	.20		.19	
CATOCTIN MOUNTAIN PARK	2.57	.33			.01		*	*	*	*	*	*	1.40			.39																.20	.10		.14
CLARKSVILLE 3 NNE	3.32	.33			.07		.55	.01	.28	.03			.84			.69																.12		.37	
CONOWINGO DAM	2.57	.17	.02		.10		.23	.03	.32				.62	.01	.18	.49																.03		.19	
DAMASCUS 2 SW	3.12	.42		.01	.14		.56	T	.20	.05			.91	T	.02	.52																.02	.09	.18	
EMMITSBURG 2 SE	2.88	.28			.30		.50	T	.45				.50			.65																.10		.10	
FREDRICK POLICE BRKS	3.42	.40			.20		.50			.29			1.03			.63																.14	.04	.19	
FREDRICK 3 E	2.91	T	.33	.21			.20	.21	.30				.45	.37		.62																.10		.12	
MILLERS 4 NE	2.93	.27			.07		.50	.02	.43	T			.61		T	.72											T				.11	.01		.19	
POTOMAC FILTER PLANT	M 1.82						.58	.03	.10				.60			.36																.02		.02	
ROCKVILLE 1 NE	3.12	.31		.07	T		.64	.03	.18	.04			.73		.25	.46															.01	.14	.01	T	.25
TOWSON	3.75	.24	.04		.07		*	.30	.47	.03			1.12			.98																.10	.16		.24
UNIONVILLE	M 2.57					*	*	*	1.51				1.04																					.02	
WESTMINSTER POLICE BRK	2.58	.41			.08		.37	T	T	T			.52	T		.81															.15	.10		.14	
WOODSTOCK	3.53	.35			.10		.58	.03	.33	.06			.89	.02	T	.78																.12		.27	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

# DAILY PRECIPITATION (INCHES)

MARYLAND AND  
DELAWARE  
JANUARY 1989

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	2.65	.27	.17		.21		.08	.20	.30				.36	.20		.66							.02				.04	T		.02		.10	.02	
EDGE MONT	2.42	T	.23		.17		.11	.34	.29				.10	.47		.51										T	T		.06		.06	.08		
FROSTBURG 2	3.32		.41		.45	.02	.08	.30	.26	T			.31	.40	T	.63	T	T		.01		.14	.02			T	T		.10		.11	.07		
HAGERSTOWN	M 1.85				.02		.41		.24				.57			.41															.15			
HANCOCK FRUIT LAB	2.35	.42			.10		.11	.20	.20				.42	.24		.45				T								.05	T	.05		.15		
ALLEGHENY PLATEAU 08																																		
MC HENRY 2 NH	4.94	.37	.02		.82	.04	.10	.20	.48	T			.66	.43	T	.58	T	T				T	.20			T	T		.60		.40	.04		
MERRILL	3.13	.40			.43		.21	T	.30				.43	.18		.60							.17			T	T		.14		.25			
OAKLAND 1 SE	4.06	.28		.06	.19		.38		.28				.95	T	T	.75	T					.08	.06			T	T		.11	.51	.41	T		
SAVAGE RIVER DAM	3.15	.34	.03		.26	T	.13	.23	.28				.52	.28		.60	T			T	T	.20			T	T		.06		.22	T			
DELAWARE NORTHERN 01																																		
NEMARK UNIVERSITY FARM	M 2.25	.16							.18				.72			.77													.07	.04		.31		
WILMINGTON WSO AP	R 2.48	.16		.09	.02		.46	T	.08	.01			.60	T	.10	.61	T														.26			
WILMGTN PORTER RESVR	3.11	.37		.09	.02		.36		.19	.05			.77		.18	.67											T		.07	.02	.05	.36		
SOUTHERN 02																																		
DOVER	3.35	.30			.04		.57	.12	.22				.34	.03		.82	.01														.35			
GEORGETOWN 5 SW	2.78		.22		.10		.10	.70	.05		.02		.15	.33		.67															.46	.05	.44	
GREENWOOD 2 NE	2.61	.24			.09		.68	T	.03	T			.38	.02		.77																.40		
LEWES	M 2.76	.21					.78	.02	.01	.02			.43	.05		.73																.51		
MILFORD 4 SE	2.56	.25			.13		.68		.03				.38			.74																.35		

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

MARYLAND AND  
DELAWARE  
JANUARY 1989

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 01																																		
ASSATEAGUE ISLAND NATL	07	MAX MIN	53 34	52 35	52 34	46 26	32 15	42 17	47 37	48 37	58 39	52 34	40 30	50 34	52 40	48 25	50 25	52 38	50 26	50 27	52 38	59 37	57 18	36 18	47 23	54 28	62 35	47 38	56 42	56 29	60 36	54 35	57 35	50.7 31.1
CRISFIELD SOMERS COVE	17	MAX OBS MIN OBS	46 ** 37 **	48 ** 37 **	45 ** 36 **	40 30	33 22	46 27	46 40	50 37	53 37	39 35	48 35	53 38	47 39	43 24	49 38	45 39	46 30	53 33	54 42	54 41	48 27	40 23	40 33	54 34	53 41	49 39	54 43	53 31	51 39	52 45	53 41	47.9 35.3
PRINCESS ANNE																																		
SALISBURY																																		
	17	MAX MIN	46 34	47 35	45 35	41 25	33 15	44 24	43 34	60 40	58 35	45 34	52 32	57 37	50 35	44 20	54 37	46 36	50 25	59 26	57 36	57 34	49 24	48 17	53 29	62 26	52 35	53 38	60 44	53 26	61 35	57 43	54 33	51.3 31.6
SALISBURY FAA AP	MID	MAX MIN	44 39	47 35	46 33	33 19	32 16	43 30	44 37	60 44	50 37	40 30	52 30	56 37	51 25	47 17	53 40	46 26	49 22	58 25	57 37	55 35	35 17	47 15	53 28	61 24	47 34	60 38	56 35	52 23	60 36	57 48	54 31	49.8 30.4
SNOW HILL 4 N	18	MAX MIN	49 31	49 37	45 33	39 27	33 14	43 22	44 38	59 42	59 36	40 35	52 30	55 36	51 38	45 19	53 38	45 37	48 23	56 26	58 39	56 33	48 24	47 15	51 28	61 25	58 32	53 36	59 43	53 24	61 32	57 43	56 32	51.1 31.2
CENTRAL EASTERN SHORE 02																																		
CAMBRIDGE WTR TRMT PL	16	MAX MIN	51 34	49 35	44 36	42 28	30 20	40 25	40 31	54 23	55 38	42 34	49 30	46 37	49 36	42 19	45 35	46 35	51 22	55 25	58 37	57 34	50 25	44 19	50 28	59 25	59 36	46 35	55 39	53 24	59 31	60 46	54 34	49.5 30.8
DENTON 2 E	17	MAX MIN	42 29	49 34	44 27	39 24	30 10	38 21	48 31	55 35	55 39	40 31	53 22	48 33	47 33	40 16	53 36	48 37	44 20	51 25	55 37	53 32	42 21	43 16	51 25	62 22	51 33	48 34	59 39	50 23	63 34	56 46	53 30	48.5 28.9
ROYAL OAK 2 SSW	18	MAX MIN	45 33	45 35	44 32	40 28	32 20	39 25	38 31	55 34	52 30	41 34	48 39	43 35	46 36	40 20	42 35	49 38	49 27	54 28	57 36	53 33	46 25	43 20	52 27	62 25	50 36	48 35	54 43	51 26	60 33	52 46	53 35	47.7 31.6
VIENNA	18	MAX OBS MIN OBS	52 32 33 31	48 33 33 31	42 31 31 31	43 23	33 14	42 23	41 29	54 30	49 34	44 31	51 29	50 35	49 35	44 18	45 34	46 38	50 26	55 27	55 35	58 34	57 19	50 19	44 31	50 21	59 22	59 33	46 41	55 23	53 31	51 41	53 32	49.7 29.7
LOWER SOUTHERN 03																																		
LA PLATA 1 W	18	MAX MIN	42 30	44 35	45 28	39 28	35 18	38 30	38 32	52 35	51 38	39 33	51 27	45 36	47 36	39 18	46 31	47 38	52 23	57 26	59 31	54 29	45 23	43 18	54 26	62 23	55 38	48 36	58 37	52 25	57 31	54 43	58 31	48.6 30.1
MECHANICSVILLE 1 E	19	MAX MIN	39 33	46 35	44 26	34 26	34 15	37 28	36 31	56 34	52 38	38 34	50 29	43 37	48 32	39 16	46 33	46 37	52 22	57 24	58 35	55 29	43 23	44 16	51 25	63 21	46 34	51 33	58 37	52 23	57 31	55 46	58 31	48.0 29.5
OWINGS FERRY LANDING	17	MAX MIN	43 32	46 33	43 26	36 26	32 13	36 24	35 30	53 32	52 38	40 32	50 27	42 35	47 35	40 16	45 33	46 36	51 33	56 22	58 31	52 29	44 23	43 16	51 24	62 21	57 35	50 33	55 41	51 23	60 30	55 45	57 29	48.0 28.8
PATUXENT RIVER	MID	MAX MIN	39 34	47 34	43 31	33 21	35 19	40 33	37 32	58 37	46 37	40 33	51 33	48 38	50 30	47 22	49 29	52 29	50 27	60 36	58 35	35 22	43 21	49 30	63 27	48 37	57 35	59 39	50 29	54 38	57 45	58 36	48.3 31.7	
UPPER SOUTHERN 04																																		
ANNAPOLIS POLICE BRKS	17	MAX MIN	44 28	46 31	45 30	39 24	31 13	37 24	35 26	52 29	50 35	41 30	46 25	44 33	42 39	39 17	49 33	48 35	52 23	53 25	59 31	56 28	45 20	43 15	49 18	64 22	58 36	55 34	56 37	52 23	61 29	55 38	55 31	48.4 27.8
BALTIMORE WSO AP	MID	MAX MIN	39 33	48 33	43 27	31 18	33 13	34 27	34 29	49 33	46 37	38 30	50 27	47 35	46 24	39 18	59 34	46 29	51 25	56 27	57 33	50 28	32 19	44 18	52 25	63 25	46 36	53 35	54 35	51 24	58 34	58 42	56 31	47.2 28.5
BELTSVILLE	08	MAX OBS MIN OBS	51 27 32 30	39 32 30	46 30	43 24	30 12	40 19	34 30	38 30	46 35	40 29	39 26	48 32	48 35	40 16	40 23	51 36	46 22	53 24	57 29	57 29	51 20	31 15	44 23	56 25	62 32	45 35	52 35	54 22	52 28	58 40	55 31	46.6 27.3
COLLEGE PARK	09	MAX MIN	52 27	36 32	45 33	43 28	31 14	34 21	33 30	37 30	45 36	40 30	38 26	49 33	47 37	38 18	38 27	49 38	47 38	52 26	57 30	58 27	51 24	33 18	43 26	55 24	62 37	45 37	52 39	55 24	51 30	58 35	55 31	46.1 28.8
DALECARLIA RESVR D C	17	MAX MIN OBS	41 28	39 28	44 23	41 19	35 11	35 23	48 26	41 16	38 30	50 27	49 21	47 31	37 19	48 28	50 27	48 19	54 18	56 18	59 27	55 21	46 16	44 25	55 19	61 17	54 32	45 29	55 42	51 21	60 25	56 35	56 27	47.9 24.4

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# DAILY TEMPERATURES (°F)

MARYLAND AND  
DELAWARE  
JANUARY 1989

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 MIN OBS	55' 22' 22'	37' 31' 22'	48' 27' 27'	43' 27' 27'	36' 8' 8'	35' 23' 23'	33' 28' 28'	39' 29' 29'	49' 35' 35'	41' 27' 27'	53' 23' 23'	48' 30' 30'	47' 35' 35'	40' 13' 13'	40' 31' 31'	40' 13' 13'	52' 19' 19'	59' 26' 26'	59' 23' 23'	51' 21' 21'	35' 12' 12'	55' 14' 14'	63' 18' 18'	64' 33' 33'	44' 33' 33'	56' 39' 39'	56' 18' 18'	53' 21' 21'	61' 36' 36'	56' 27' 27'	48.6 25.1				
LAUREL 3 W	MID	MAX MIN OBS	40' 26' 26'	43' 26' 26'	44' 26' 26'	32' 16' 16'	33' 9' 9'	34' 21' 21'	34' 26' 26'	46' 26' 26'	45' 28' 28'	37' 30' 30'	50' 24' 24'	44' 28' 28'	47' 30' 30'	35' 27' 27'	53' 35' 35'	45' 28' 28'	51' 24' 24'	55' 39' 39'	49' 26' 26'	33' 18' 18'	42' 24' 24'	52' 27' 27'	63' 43' 43'	50' 34' 34'	52' 38' 38'	53' 31' 31'	51' 35' 35'	56' 35' 35'	52' 38' 38'	55' 31' 31'	46.2 27.5				
NATIONAL ARBORETUM D C	08	MAX MIN OBS	54' 23' 23'	36' 28' 28'	45' 21' 21'	44' 21' 21'	33' 12' 12'	36' 16' 16'	35' 26' 26'	38' 26' 26'	50' 33' 33'	42' 27' 27'	39' 24' 24'	52' 25' 25'	47' 31' 31'	42' 21' 21'	41' 26' 26'	47' 33' 33'	48' 23' 23'	50' 21' 21'	58' 25' 25'	59' 19' 19'	52' 15' 15'	33' 15' 15'	45' 24' 24'	55' 22' 22'	63' 27' 27'	46' 31' 31'	50' 21' 21'	53' 20' 20'	57' 35' 35'	57' 20' 20'	47.3 24.5				
UPPER MARLBORO 3 NNW	08	MAX MIN	54' 25'	35' 31'	48' 24'	43' 25'	31' 10'	34' 17'	33' 29'	38' 30'	50' 37'	41' 28'	37' 24'	50' 25'	47' 35'	40' 15'	39' 19'	46' 35'	46' 21'	52' 22'	56' 24'	58' 25'	51' 22'	33' 14'	45' 18'	53' 20'	62' 22'	44' 32'	53' 37'	54' 21'	52' 25'	59' 35'	55' 29'	46.4 25.0			
NORTHERN EASTERN SHORE	05																																				
CHESTERTOWN	23	MAX MIN	36' 32'	46' 33'	43' 29'	30' 11'	28' 23'	35' 35'	49' 35'	44' 35'	39' 30'	46' 29'	43' 35'	45' 28'	39' 20'	44' 35'	45' 31'	49' 26'	57' 27'	55' 38'	51' 31'	35' 19'	44' 19'	51' 25'	59' 24'	45' 36'	49' 37'	52' 35'	51' 25'	60' 32'	51' 42'	51' 34'	52' 34'	45.4 29.2			
MILLINGTON 1 SE	18	MAX MIN OBS	38' 28' 28'	47' 33' 33'	42' 26' 26'	36' 22' 22'	26' 15' 15'	36' 19' 19'	35' 29'	53' 33'	47' 36'	38' 30'	47' 26'	44' 33'	44' 35'	38' 17'	43' 35'	46' 35'	48' 22'	55' 24'	57' 34'	52' 29'	44' 22'	42' 16'	51' 23'	60' 21'	54' 31'	48' 34'	55' 31'	52' 23'	60' 29'	53' 40'	52' 29'	46.5 27.7			
NORTHERN CENTRAL	06																																				
ABERDEEN PHILLIPS FLD	16	MAX MIN			41' 27'	37' 25'	29' 11'	34' 25'			40' 38'	39' 29'	47' 28'	44' 33'	43' 37'			49' 22'	54' 25'	56' 38'	55' 26'				49' 24'	61' 23'	58' 42'	43' 35'	53' 38'				57' 39'	52' 34'	M M		
BALTIMORE WSO CI	MID	MAX MIN	38' 31'	51' 34'	44' 30'	32' 19'	32' 26'	33' 31'	34' 28'	49' 33'	45' 36'	39' 31'	50' 30'	45' 34'	47' 37'	55' 32'	48' 35'	53' 33'	55' 35'	60' 42'	52' 32'	32' 22'	44' 24'	52' 31'	66' 34'	52' 37'	52' 37'	57' 39'	52' 34'	61' 40'	59' 46'	56' 40'	47.7 32.3				
BENSON POLICE BARRACKS	17	MAX MIN	47' 29'	49' 32'	46' 25'	38' 22'	31' 11'	35' 18'	34' 26'	43' 32'	48' 33'	39' 28'	50' 25'	41' 32'	45' 34'	37' 12'	56' 32'	54' 35'	52' 26'	50' 25'	57' 34'	55' 25'	45' 18'	45' 14'	55' 22'	65' 25'	60' 36'	44' 35'	55' 34'	50' 24'	59' 28'	59' 39'	57' 30'	48.4 27.1			
BOYDS 2 NW	18	MAX MIN	44' 30'	38' 30'	41' 27'	32' 21'	33' 14'	30' 25'	43' 32'	46' 35'	36' 25'	45' 33'	41' 33'	46' 36'	49' 31'	40' 27'	55' 32'	57' 41'	49' 33'	33' 18'	43' 25'	53' 33'	61' 33'	57' 25'	43' 33'	52' 38'	57' 34'	43' 36'	51' 27'	56' 37'	58' 43'	55' 35'	45.4 29.7				
CATOCTIN MOUNTAIN PARK	17	MAX MIN OBS	38' 27' 27'	41' 28' 28'	36' 24' 24'	38' 30'	40' 16' 16'	36' 31' 31'	37' 30' 30'	47' 30' 30'	41' 27' 27'	37' 23' 23'	41' 25' 25'	41' 29' 29'	43' 27' 27'	31' 19' 19'	47' 26' 26'	46' 31' 31'	50' 28' 28'	45' 30' 30'	40' 30' 30'	36' 13' 13'	42' 17' 17'	54' 27' 27'	55' 39' 39'	49' 30' 30'	49' 34' 34'	50' 30' 30'	47' 28' 28'	50' 38' 38'	54' 45' 45'	56' 43' 43'	43.6 28.3				
CLARKSVILLE 3 NNE	17	MAX MIN	37' 27'	48' 33'	47' 24'	39' 25'	36' 8'	35' 24'	35' 28'	45' 32'	48' 36'	38' 27'	48' 28'	45' 31'	46' 31'	38' 13'	55' 32'	48' 35'	52' 20'	56' 21'	57' 27'	55' 22'	40' 20'	45' 12'	58' 20'	64' 20'	59' 32'	44' 34'	54' 36'	52' 20'	57' 25'	59' 40'	57' 29'	48.3 26.3			
CONOWINGO DAM	MID	MAX MIN	36' 29'	52' 28'	43' 23'	31' 15'	29' 10'	34' 20'	37' 25'	41' 31'	42' 28'	36' 25'	46' 24'	38' 31'	42' 25'	47' 16'	52' 20'	47' 26'	52' 20'	54' 27'	51' 23'	35' 15'	43' 15'	49' 20'	57' 20'	44' 30'	49' 34'	57' 27'	43' 21'	54' 27'	50' 35'	54' 27'	50' 27'	53' 24.2			
DAMASCUS 2 SW	19	MAX MIN	41' 30'	42' 28'	40' 28'	31' 20'	32' 10'	31' 21'	43' 22'	47' 31'	35' 28'	46' 26'	39' 29'	44' 32'	35' 19'	51' 30'	44' 34'	50' 28'	54' 33'	54' 38'	47' 33'	34' 18'	42' 19'	53' 27'	59' 36'	50' 38'	45' 35'	51' 34'	50' 27'	55' 38'	58' 44'	54' 33'	44.8 29.1				
EMMITSBURG 2 SE	17	MAX MIN	40' 29'	42' 31'	42' 25'	34' 23'	28' 9'	28' 17'	29' 25'	48' 35'	49' 35'	36' 24'	45' 31'	45' 33'	44' 15'	57' 31'	47' 25'	51' 23'	54' 40'	55' 26'	53' 19'	38' 15'	41' 19'	51' 19'	62' 36'	49' 36'	42' 35'	52' 35'	49' 21'	54' 30'	60' 43'	54' 34'	45.6 26.6				
FREDRICK POLICE BRKS	17	MAX MIN	49' 31'	39' 32'	42' 30'	40' 25'	30' 16'	31' 21'	43' 25'	50' 29'	37' 37'	31' 29'	43' 28'	46' 34'	37' 19'	47' 31'	48' 35'	50' 28'	56' 29'	57' 43'	57' 32'	42' 20'	41' 20'	52' 24'	60' 25'	44' 39'	52' 30'	44' 39'	51' 26'	57' 34'	60' 44'	59' 36'	47.3 29.8				
MILLERS 4 NE	18	MAX MIN	39' 30'	44' 31'	38' 26'	32' 18'	30' 6'	32' 12'	45' 24'	46' 32'	35' 25'	42' 27'	40' 32'	44' 30'	35' 15'	52' 31'	45' 33'	53' 26'	53' 38'	46' 31'	33' 17'	46' 15'	33' 17'	43' 15'	60' 29'	48' 37'	42' 34'	50' 34'	50' 22'	54' 34'	57' 43'	53' 31'	44.4 27.5				
ROCKVILLE 1 NE	17	MAX MIN OBS	54' 41' 35'	43' 33' 33'	43' 32' 32'	33' 20' 20'	37' 18' 18'	36' 30' 30'	35' 31' 31'	48' 35' 35'	45' 33' 33'	39' 30' 30'	48' 30' 30'	46' 37' 37'	47' 39'	38' 21'	50' 35'	47' 35'	53' 34'	57' 29'	49' 37'	52' 31'	45' 23'	54' 24'	61' 33'	65' 49'	53' 39'	53' 39'	53' 27'	59' 38'	58' 44'	58' 38'	48.9 32.1				
TOWSON	18	MAX MIN OBS	44' 29' 29'	48' 31' 31'	42' 29' 29'	35' 20' 20'	30' 13' 13'	35' 25'	44' 29'	46' 34'	38' 27'	48' 26'	43' 30'	45' 31'	36' 18'	56' 30'	50' 33'	51' 26'	54' 27'	54' 47'	51' 27'	47' 18'	47' 18'	54' 25'	47' 18'	48' 18'	54' 38'	61' 34'	44' 33'	54' 24'	59' 31'	58' 42'	52' 30'	47.4 27.9			
UNIONVILLE	18	MAX MIN OBS	48' 23' 23'	39' 23' 23'	42' 22' 22'	40' 15' 15'	31' 6' 6'	31' 12' 12'	35' 19'	43' 21'	40' 22'	39' 20'	50' 19'	46' 26'	48' 25'	37' 10'	48' 25'	52' 20'	55' 26'	57' 20'	40' 23'	40' 12'	45' 10'	59' 19'	56' 31'	44' 28'	51' 29'	54' 17'	56' 25'	60' 35'	59' 29'	46.7 21.5					

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MARYLAND AND  
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JANUARY 1989

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
			WESTMINSTER POLICE BRK	17	MAX OBS MIN	46	43	44	36	28	32	33	46	47	37	43	43	46	36	52	51	44	53	54	54	41	43	53	58	58	55		50	49
WOODSTOCK	18	MAX MIN	44	48	41	36	34	34	34	43	45	36	49	42	44	37	55	48	52	57	58	50	40	44	56	62	53	43	53	51	58	58	55	47.1
APPALACHIAN MOUNTAIN	07	MAX MIN	31	31	24	21	10	23	27	31	35	28	28	33	31	15	31	35	27	24	32	24	20	15	21	24	37	35	36	21	30	41	31	27.5
CUMBERLAND 2	18	MAX MIN	42	46	40	34	39	31	33	52	46	45	50	42	40	34	50	44	54	57	55	50	33	49	56	48	44	60	55	62	57	57	62	47.3
FROSTBURG 2	07	MAX MIN	40	34	36	33	19	32	23	31	48	29	37	42	49	27	44	43	35	44	50	46	38	23	42	53	51	41	52	39	55	51	49	39.9
HAGERSTOWN	18	MAX OBS MIN OBS	41	41	39	30	31	27	33	52	44	39	45	40	44	34	50	44	54	55	56	49	32	44	53	61	50	45	51	53	54	59	57	45.4
HANCOCK FRUIT LAB	16	MAX OBS MIN	50	34	49	41	29	33	28	35	56	39	45	51	51	40	38	52	46	56	61	57	46	33	49	57	62	50	58	52	60	57	61	47.6
ALLEGHENY PLATEAU	08	MAX MIN	19	31	28	26	10	15	22	28	34	22	17	19	33	12	12	32	19	19	22	21	19	11	14	16	26	36	35	25	23	30	30	22.8
MC HENRY 2 NW	08	MAX MIN	40	34	32	31	18	37	28	47	49	27	42	45	43	27	45	40	31	42	49	45	32	22	47	56	50	47	50	36	53	48	47	40.0
OAKLAND 1 SE	17	MAX MIN	25	27	22	15	8	15	22	25	25	20	20	30	23	15	25	25	27	27	30	30	8	8	22	34	36	38	25	24	28	38	30	24.1
SAVAGE RIVER DAM	08	MAX MIN	36	35	36	32	39	38	37	52	40	43	47	51	51	37	47	39	43	50	47	45	28	47	55	54	51	52	47	55	50	50	53	44.7
DELAWARE NORTHERN	01	MAX MIN	27	30	24	14	8	24	25	34	25	18	29	35	21	11	26	26	24	20	34	27	10	3	12	17	31	34	26	26	34	39	32	24.1
NEWARK UNIVERSITY FARM	17	MAX MIN OBS	42	36	38	36	24	38	28	36	49	34	40	44	48	31	38	45	40	46	52	48	40	28	42	51	51	45	57	42	54	51	42.2	
WILMINGTON WSO AP	MID	MAX MIN	28	29	26	21	13	14	23	25	31	20	21	28	29	13	14	31	20	20	23	14	19	2	14	19	24	34	31	26	26	28	34	23.1
WILMINGTON PORTER RESVR	MID	MAX MIN	40	43	40	36	26	33	34	44	43	39	48	43	43	40	46	45	49	56	53	50	42	42	52	60	53	45	51	49	57	54	52	45.4
DOVER	17	MAX MIN	32	33	27	19	12	18	27	33	35	28	27	32	33	18	34	31	23	24	31	22	18	15	22	23	32	36	29	24	31	39	32	27.1
GEORGETOWN 5 SW	08	MAX OBS MIN	36	43	40	30	26	32	36	45	42	37	49	43	42	38	44	45	48	53	52	51	32	41	51	61	44	46	51	48	57	51	50	44.0
LEWES	17	MAX MIN	33	31	28	14	13	22	28	36	32	31	29	34	25	19	34	29	27	25	32	25	20	17	24	24	34	38	31	25	33	42	34	28.0
MILFORD 4 SE	17	MAX MIN	35	42	39	29	25	31	35	48	43	36	48	44	42	37	47	47	52	51	51	49	33	40	50	60	47	45	49	47	56	50	50	43.8
GREENWOOD 2 NE	18	MAX MIN	32	32	29	14	12	22	27	35	32	29	30	32	26	20	35	27	39	35	35	33	19	19	27	32	36	37	32	26	33	42	35	29.5
MILFORD 4 SE	17	MAX MIN OBS	44	49	43	36	29	41	41	58	55	40	48	42	41	48	44	43	50	58	59	56	47	40	50	63	57	50	50	51	61	57	55	48.6
LEWES	17	MAX MIN	34	34	27	22	11	24	30	40	37	29	26	34	38	20	39	32	29	30	40	39	21	15	24	34	39	38	33	31	34	48	31	31.0
MILFORD 4 SE	17	MAX MIN OBS	52	43	49	43	29	35	41	57	59	43	41	50	56	41	52	47	39	49	57	55	55	35	45	51	59	48	58	44	53	63	56	48.5
LEWES	17	MAX MIN	31	35	31	26	13	18	33	41	42	34	28	33	41	17	34	29	22	25	30	33	23	13	26	22	33	38	40	21	36	45	30	29.8
MILFORD 4 SE	17	MAX MIN OBS	40	49	42	31	30	39	38	58	53	40	49	50	48	41	46	46	48	57	55	54	41	44	50	60	45	55	54	51	63	57	54	48.0
MILFORD 4 SE	17	MAX MIN	36	35	29	21	13	21	32	32	38	32	28	36	34	19	37	37	23	26	37	32	23	16	26	24	34	36	39	23	33	48	31	30.0
MILFORD 4 SE	17	MAX MIN OBS	50	50	41	37	29	43	41	59	59	44	44	55	44	45	54	45	49	55	55	55	46	44	42	55	52	55	60	52	55	56	55	49.4
MILFORD 4 SE	17	MAX MIN OBS	27	27	34	22	16	22	34	41	36	34	28	37	36	23	37	36	27	29	35	39	23	18	28	29	39	38	42	35	37	48	35	32.1
MILFORD 4 SE	17	MAX MIN OBS	39	49	44	36	29	42	39	59	58	40	49	53	48	42	46	45	49	56	55	55	45	45	45	60	55	52	57	52	62	54	54	48.8
MILFORD 4 SE	17	MAX MIN OBS	30	35	30	21	15	20	33	37	38	33	27	35	24	20	36	36	25	28	37	33	23	17	27	24	35	35	42	25	34	48	32	30.2

SEE REFERENCE NOTES FOLLOWING STATION INDEX

# SNOWFALL AND SNOW ON GROUND (INCHES)

MARYLAND AND  
DELAWARE  
JANUARY 1989

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	30	
MARYLAND																																
SOUTHERN EASTERN SHORE 01																																
ASSATEAGUE ISLAND NATL SES				T						T																						
SALISBURY FAA AP			T	T	T				T																							
SNOW HILL 4 N				.3																												
CENTRAL EASTERN SHORE 02																																
CAMBRIDGE WTR TRMT PL				T		T																										
ROYAL OAK 2 SSW	T			1.0		2.0																										
LOWER SOUTHERN 03																																
LA PLATA 1 W	T		T	.2		.2																										
MECHANICSVILLE 1 E	T		T	.3		.5																										
OWINGS FERRY LANDING	T			1.2		.7																										
PATUXENT RIVER	T		T	T		T				T																						
UPPER SOUTHERN 04																																
ANNAPOLIS POLICE BRKS		.3							T																							
BALTIMORE WSO AP	1.5		.9	.2		3.4				T																						
BELTSVILLE				1.4		.9																										
COLLEGE PARK				1.0																												
GLENN DALE BELL STN	2.0			1.5		1.0																										
NATIONAL ARBORETUM D C																																
UPPER MARLBORO 3 NNW			1.0	1.7		.8																										
NORTHERN EASTERN SHORE 05																																
CHESTERTOWN	1.5		1.5	T		1.5																										
NORTHERN CENTRAL 06																																

SNOWFALL: INCLUDES SNOW AND ICE. VALUES FOR NWS STATIONS (J INDEX NOTE) ARE MID-MID (LST).  
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# SNOWFALL AND SNOW ON GROUND (INCHES)

MARYLAND AND  
DELAWARE  
JANUARY 1989

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	30
ABERDEEN PHILLIPS FLD	SNOWFALL			1.0		4.0																									
	SN ON GND			T	T	4	-		T	T																					
BENSON POLICE BARRACKS	SNOWFALL	3.0		8		4.3																									
	SN ON GND	3		1	T	5	4	2	1	1																					
BOYDS 2 NW	SNOWFALL	3.0		1.0		4.0																									
	SN ON GND	2		1	1	4	3	1	1	1	T																				
CATOCTIN MOUNTAIN PARK	SNOWFALL	3.0																													
	SN ON GND	3	2	2						3	3	2	2	1	1	1	1	1	T	T	T	T	T								
CLARKSVILLE 3 NNE	SNOWFALL	2.9			2.0		6.0																								
	SN ON GND	2	T		1	T	6	5	2	1	1																				
DAMASCUS 2 SW	SNOWFALL	3.5		.1	2.1		4.3																								
	SN ON GND	3	3	3	5	5	9	8	5	4	3	3	2	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	
EMMITSBURG 2 SE	SNOWFALL	2.5			3.0		5.0																								
	SN ON GND	2	1	1	2	T	5	4	3	3	3	2	1																		
FREDRICK POLICE BRKS	SNOWFALL	2.5			2.0		5.0																								
	SN ON GND	3	T		1	1	5	4	2	2	T																				
MILLERS 4 NE	SNOWFALL	2.9			1.0		5.1	T																							
	SN ON GND	3	1	T	1	1	6	5	2	2	1	1	T								T										
ROCKVILLE 1 NE	SNOWFALL	2.0		1.5	T		5.0																								
	SN ON GND	1	T	2	T	T	5	4	1	T	T	T			T						T										
WESTMINSTER POLICE BRK	SNOWFALL	2.0			2.0		4.5																								
	SN ON GND	2	1	T	2	2	5	4	2	1	T	T																			
WOODSTOCK	SNOWFALL	2.5			1.0		6.5																								
	SN ON GND	2			1	T	6	5	3	2	1																				
APPALACHIAN MOUNTAIN 07																															
CUMBERLAND 2	SNOWFALL	2.0	2.0		4.0		1.0	2.0																							
	SN ON GND	2	3		4	3	3	4	3	1	1																				
FROSTBURG 2	SNOWFALL	T	4.5		9.0	.5	1.0	3.5	.2																						
	SN ON GND	T	4	3	11	10	10	12	12	7	7	6	.1	T	T	.2	T	T	T	T	5.0	.2									
HAGERSTOWN	SNOWFALL				.3		4.0																								
	SN ON GND				T		4	4	1	1	T																				
HANCOCK FRUIT LAB	SNOWFALL	3.5			1.0		1.0	2.0																							
	SN ON GND	4	4	3	4	4	4	6	5	3	3	3	2			T															
ALLEGHENY PLATEAU 08																															
MC HENRY 2 NW	SNOWFALL	2.0			9.0	.5	T	T																							
	SN ON GND	2	1	1	9	9	7	6	5	3	2	2	1	T	T						T	2.5	2	2	T	T					
MERRILL	SNOWFALL	3.6			8.0		2.8	T																							
	SN ON GND	4	3	3	11	8	9	7	4	3	2	2	1																		
OAKLAND 1 SE	SNOWFALL	4.0		1.0	9.0		2.0																								
	SN ON GND	4		1	10	4	4	3	T	T				T							2.5	1.5									
SAVAGE RIVER DAM	SNOWFALL	3.0	T		3.0	T	T	1.0																							
	SN ON GND	3	2	1	4	4	4	5	2	1	1	1									T	1.0	1								
DELAWARE																															
NORTHERN 01																															
NEWARK UNIVERSITY FARM	SNOWFALL	-					4.0																								
	SN ON GND	1					4	3																							

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# SNOWFALL AND SNOW ON GROUND (INCHES)

MARYLAND AND  
DELAWARE  
JANUARY 1989

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	30
WILMINGTON WSO AP	RSNOWFALL	.9		1.3	.2	T	4.3							T																		
	SN ON GND				1	T	1							T																		
WILMINGTON PORTER RESVR	WTR EQUIV						.4	.5																								
	SNOWFALL	.5		1.0	T		4.0																									
SOUTHERN 02	SN ON GND	T		1	T		4	2																								
	SN ON GND																															
DOVER	SNOWFALL				1.0																											
GEORGETOWN 5 SW	SN ON GND				1	T																										
	SNOWFALL				1.0		1.0																									
GREENWOOD 2 NE	SN ON GND				-		-	-																								
	SNOWFALL				.8		1.2																									
MILFORD 4. SE	SN ON GND				T	T	T																									
	SNOWFALL				.8		1.0																									
	SN ON GND				T		-																									
	SN ON GND																															

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# STATION INDEX

MARYLAND AND  
DELAWARE  
JANUARY 1989

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	001930	06	HARFORD	39 28	76 10W	57	16	16	C	H	ROSS AVIATION INC		
ANNAPOLIS POLICE BRKS	003355	04	ANNE ARUNDEL	38 59	76 30W	257	17	17	H	H	ANNAPOLIS POLICE BRKS		
ASSATEAGUE ISLAND NATL	004650	01	WORCESTER	38 14	75 08W	196	07	07	H	H	NATIONAL PARK SERVICE		
BALTIMORE WSO AP	004700	06	ANNE ARUNDEL	39 11	76 40W	196	M	M	C	H	NATL WEATHER SERVICE		
BALTIMORE WSO CI	004700	06	BALTO CITY	39 17	76 37W	91	M	M	C	C	OCMI COMMANDING OFFICER		
BELTSVILLE	070000	04	PRN GEORGES	39 2	76 53W	120	08	08	O	B	C	U S DEPT OF AGRICULTURE	
BENSON POLICE BARRACKS	073206	06	HARFORD	39 30	76 23W	365	17	17	H	H	MARYLAND STATE POLICE		
BOYDS 2 NW	103206	06	MONTGOMERY	39 13	77 20W	580	18	18	H	H	HUNTER F STALEY		
BRIGHTON DAM	112506	06	MONTGOMERY	39 12	77 1W	330		M	D			WASH SUB SANY COMM	
CAMBRIDGE WTR TRMT PL	138502	02	DORCHESTER	38 34	76 4W	5	16	16	C	H	H	WASTEWATER TRMT PLANT	
CATOCTIN MOUNTAIN PARK	153006	06	FREDERICK	39 39	77 29W	161	10	17	C	H	H	CATOCTIN MOUNTAIN PARK	
CHESTERTOWN	175005	05	KENT	39 13	76 4W	40	23	23	H	H	H	THOMAS W ELIASON JR	
CLARKSVILLE 3 NNE	186206	06	HOWARD	39 15	76 56W	365	17	17	H	H	H	UNIVERSITY OF MARYLAND	
COLLEGE PARK	199504	04	PRN GEORGES	38 59	76 57W	90	09	09	C	H	H	UNIVERSITY OF MARYLAND	
CONOWINGO DAM	206006	06	HARFORD	39 39	76 10W	40	M	D				SUSQUEHANNA ELECTRIC CO	
CRISFIELD SOMERS COVE	221501	01	SOMERSET	37 59	75 52W	8	17	17	H	H	H	SOMERS COVE MARINA	
CUMBERLAND 2	228207	07	ALLEGANY	39 38	78 45W	730	18	07	H	H	H	TIMOTHY B THOMAS	
DALECARLIA RESVR D C	232504	04	MONTGOMERY	38 56	77 7W	146	17	17	H	H	H	U S CORPS OF ENGINEERS	
DAMASCUS 2 SW	233506	06	MONTGOMERY	39 16	77 14W	720	19	19	H	H	H	RICHARD W SCHWERDT	
DENTON 2 E	252302	02	CAROLINE	38 53	75 48W	50	17	17	H	H	H	ARTHUR REINHOLD	
EDGE MONT	277007	07	WASHINGTON	39 40	77 33W	905	07	07	H	H	H	JOHN W HARNE	
EMMITSBURG 2 SE	290606	06	FREDERICK	39 41	77 18W	416	17	17	H	H	H	MRS LUCILLE K BEALE	
FREDRICK POLICE BRKS	334806	06	FREDERICK	39 25	77 26W	380	17	17	H	H	H	MARYLAND STATE POLICE	
FREDERICK 3 E	335506	06	FREDERICK	39 24	77 22W	385	07	07	H	H	H	MISS I MARY STALEY	
FROSTBURG 2	341507	07	ALLEGANY	39 40	78 56W	2170	07	07	H	H	H	LEE K CLOSE	
GLENN DALE BELL STN	367504	04	PRN GEORGES	38 58	76 48W	150	16	16	H	H	H	USDA PLT INTRODUCT STN	
HAGERSTOWN	397507	07	WASHINGTON	39 39	77 44W	660	18	18	C	H	H	HAGERSTOWN RESERVOIR	
HANCOCK FRUIT LAB	403007	07	WASHINGTON	39 42	78 11W	428	16	16	C	H	H	SHARPSBURG RESEARCH C	
LA PLATA 1 W	508003	03	CHARLES	38 32	77 0W	140	18	18	C	H	H	C RUSSELL LEVERING	
LAUREL 3 W	511104	04	PRN GEORGES	39 6	76 54W	400	M	D				WASH SUB SANY COMM	
MC HENRY 2 NW	583208	08	GARRETT	39 35	79 22W	2680	08	08	C	H	H	JOSEPH F JOHENNING	
MECHANICSVILLE 1 E	586503	03	ST MARYS	38 27	76 41W	100	19	19	H	H	H	SANDRA J HASTING	
MERRILL	589408	08	GARRETT	39 36	79 5W	1790	18	09	C	H	H	DELWOOD E MERRILL	
MILLERS 4 NE	593406	06	CARROLL	39 43	76 48W	860	18	18	C	H	H	ROBERT P MILLER	
MILLINGTON 1 SE	598505	05	KENT	39 16	75 52W	30	18	18	H	H	H	HOWARD L HARVEY	
NATIONAL ARBORETUM D C	635004	04	GARRETT	38 54	76 59W	50	08	08	H	H	H	U S NATL ARBORETUM	
OAKLAND 1 SE	662008	08	CALVERT	39 24	79 24W	2420	17	17	H	H	H	BEA J CROSCO	
OWINGS FERRY LANDING	677003	03	CALVERT	38 41	76 40W	160	17	17	H	H	H	JAMES C RASMUSSEN	
PATUXENT RIVER	691503	03	ST MARY'S	38 20	76 25W	38	M	D				NAVAL WEATHER SERVICE	
POTOMAC FILTER PLANT	727206	06	MONTGOMERY	39 2	77 15W	270	08	08	C	H	H	POTOMAC WATER FILT PLT	
PRINCESS ANNE	733001	01	SOMERSET	38 13	75 41W	20	17	17	H	H	H	UNIVERSITY MARYLAND EAST	
ROCKVILLE 1 NE	770506	06	MONTGOMERY	39 6	77 6W	440	17	17	H	H	H	WASH GAS & LIGHT CO	
ROYAL OAK 2 SSW	780602	02	TALBOT	38 43	76 11W	10	18	18	H	H	H	JOHN L SWAINE JR	
SALISBURY	800001	01	WICOMICO	38 22	75 35W	10	17	17	H	H	H	CITY OF SALISBURY	
SALISBURY FAA AP	800501	01	WICOMICO	38 20	75 31W	48	M	D				FAA	
SAVAGE RIVER DAM	806508	08	GARRETT	39 31	79 8W	1495	08	08	O	B	C	H	U S CORPS OF ENGINEERS
SNOW HILL 4 N	838001	01	WORCESTER	38 14	75 23W	28	18	18	H	H	H	CURTIS E SHOCKLEY	
TOWSON	887706	06	BALTIMORE	39 23	76 34W	390	18	18	H	H	H	BENDIX FRIEZ	
UNIONVILLE	903006	06	FREDERICK	39 27	77 11W	430	18	18	C	H	H	CAROLINE R VON EIFF	
UPPER MARLBORO 3 NNW	907004	04	PRN GEORGES	38 52	76 47W	98	08	08	O	B	H	TOBACCO EXP FARM	
VIENNA	914002	02	DORCHESTER	38 29	75 50W	12	18	18	H	H	H	DELMARVA POWER & LIGHT	
WESTMINSTER POLICE BRK	944006	06	CARROLL	39 33	76 58W	765	17	17	H	H	H	MARYLAND STATE POLICE	
WOODSTOCK	975006	06	BALTIMORE	39 20	76 52W	460	18	18	H	H	H	JOHN A HILTZ	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

# STATION INDEX

MARYLAND AND  
DELAWARE  
JANUARY 1989

STATION	INDEX NO.	DIVISION	COUNTY	LATITUDE	LONGITUDE	ELEVATION (IN FEET)	OBSERVATION TIME AND TABLES				OBSERVER
							LOCAL STD TIME				
							TEMP	PRECIP	EVAP	SPECIAL (SEE NOTES)	
DELAWARE											
DOVER	2730	02	KENT	39 9	75 31W	30	17	17		H	STATE DIV OF HIGHWAYS
GEORGETOWN 5 SW	3570	02	SUSSEX	38 38	75 27W	45	08	08	08	C	UNIV OF DEL SUBSTATION
GREENWOOD 2 NE	3595	02	SUSSEX	38 50	75 35W	45	18	18		H	DANIEL M SWARTZENTRUBER
LEWES	5320	02	SUSSEX	38 46	75 8W	15	17	17			BOARD OF PUBLIC WORKS
MIDDLETOWN 3 E	5852	01	NEW CASTLE	39 27	75 40W	55	17	17			INACTIVE 09/01/88
MILFORD 4 SE	5915	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	9595	01	NEW CASTLE	39 40	75 36W	79	M	M	M	C	NATL WEATHER SERVICE
WILMINGTON PORTER RESVR	9605	01	NEW CASTLE	39 46	75 32W	274	M	M	M	H	WATER DEPARTMENT

SEE REFERENCE NOTES FOLLOWING STATION INDEX

# REFERENCE NOTES

MARYLAND AND  
DELAWARE  
JANUARY 1989

## 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:

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FEDERAL BUILDING  
ASHEVILLE, NC 28801-2696

USCOMM-NOAA-ASHEVILLE, N.C. JANUARY 1989-0585

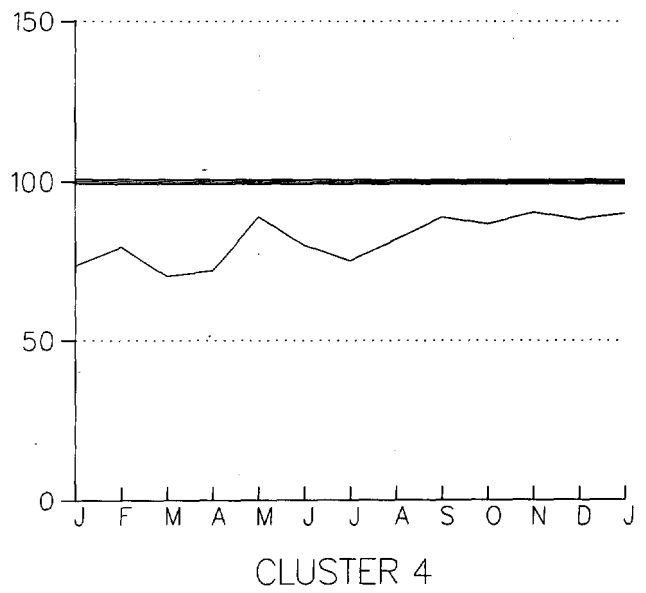
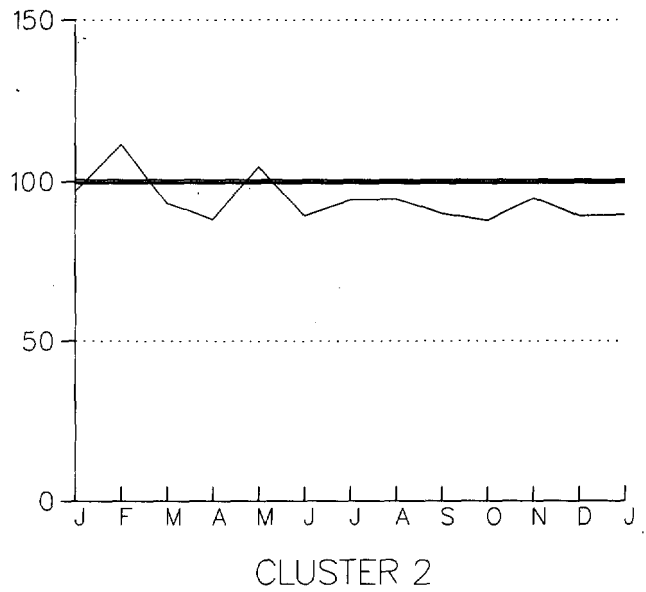
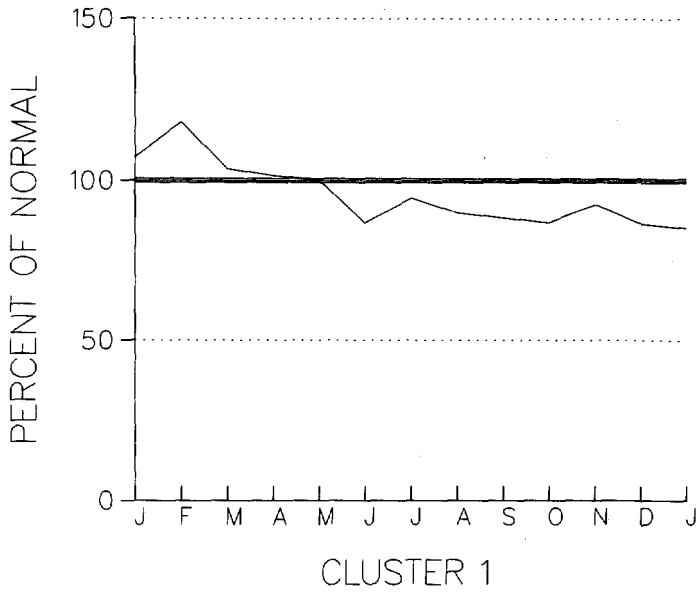
CUMULATIVE PRECIPITATION DEPARTURES FROM NORMAL (1951-1980)  
 FOR THE LAST 13 MONTHS  
 ENDING JANUARY 1989  
 MARYLAND

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

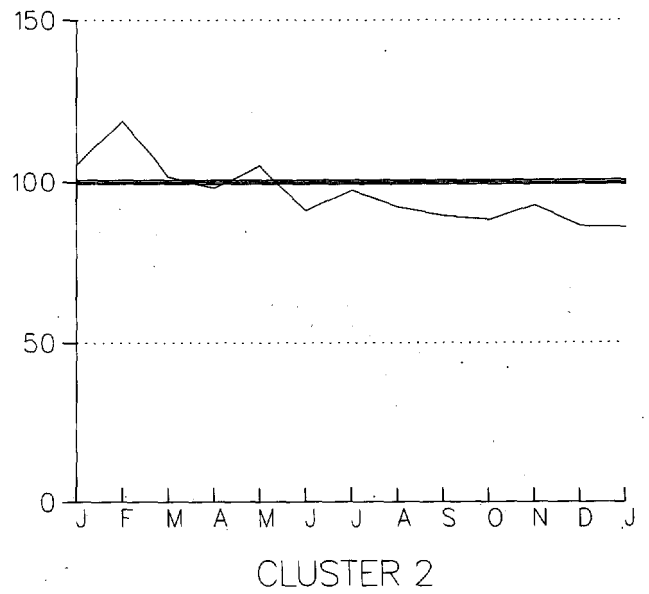
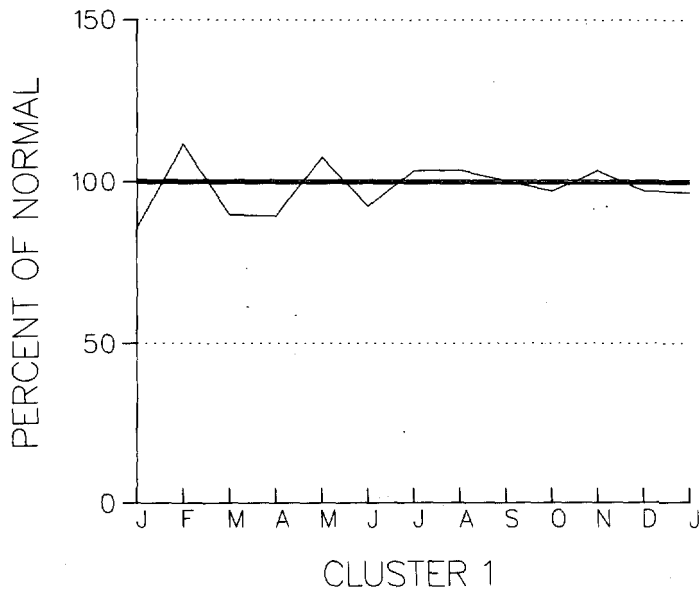




CUMULATIVE PRECIPITATION DEPARTURES FROM NORMAL (1951-1980)  
FOR THE LAST 13 MONTHS  
ENDING JANUARY 1989  
DELAWARE

CLUSTER 1 - DIVISION(S):  
NORTHERN 01

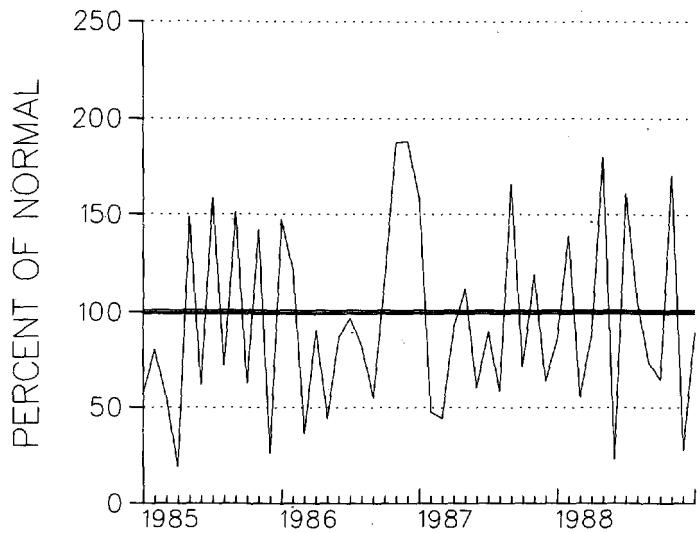
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SOUTHERN 02



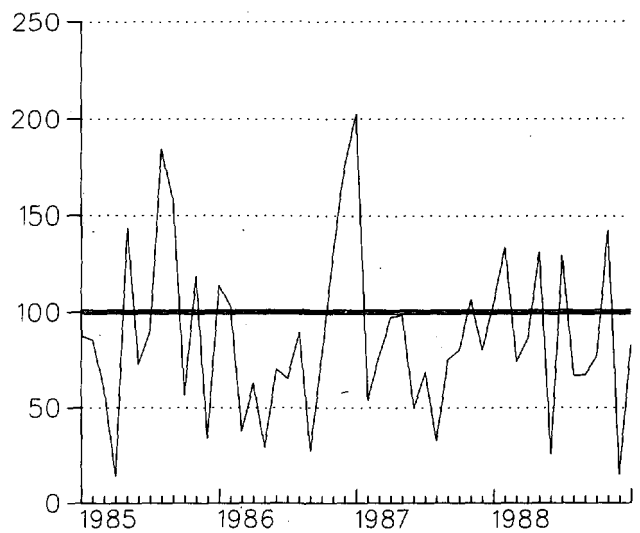
PRECIPITATION DEPARTURES FROM NORMAL (1951-1980)  
FOR THE 49 MONTHS  
ENDING JANUARY 1989  
DELAWARE

CLUSTER 1 - DIVISION(S):  
NORTHERN 01

CLUSTER 2 - DIVISION(S):  
SOUTHERN 02



CLUSTER 1



CLUSTER 2

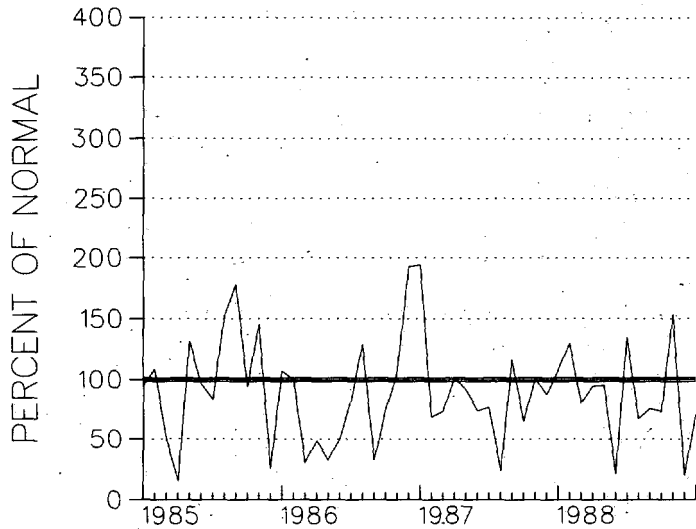
PRECIPITATION DEPARTURES FROM NORMAL (1951-1980)  
 FOR THE 49 MONTHS  
 ENDING JANUARY 1989  
 MARYLAND

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

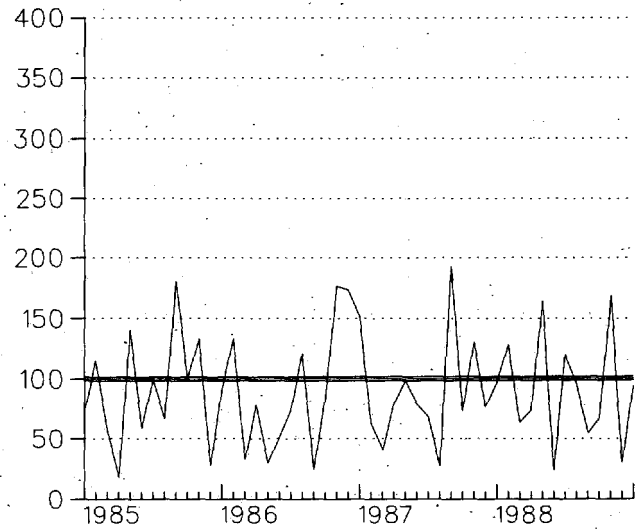
CLUSTER 2 - DIVISION(S):  
 UPPER SOUTHERN 04  
 NORTHERN EASTERN SHORE 05

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

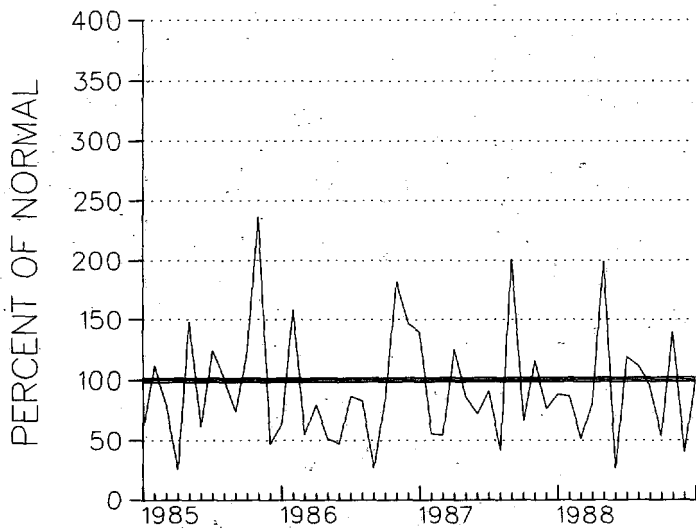
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 ALLEGHENY PLATEAU 08



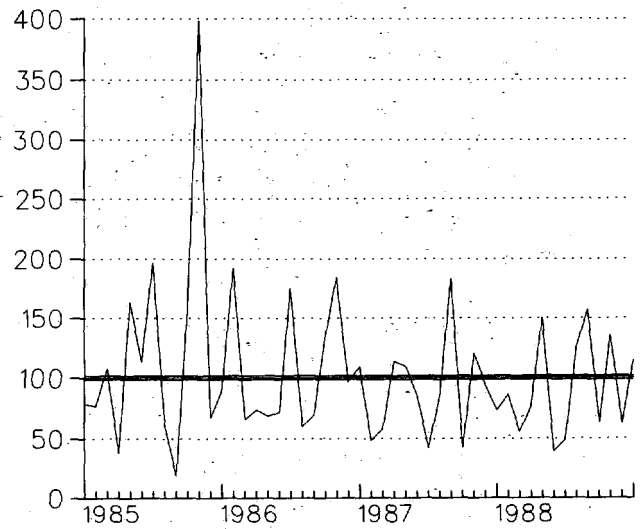
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CLUSTER 2



CLUSTER 3



CLUSTER 4

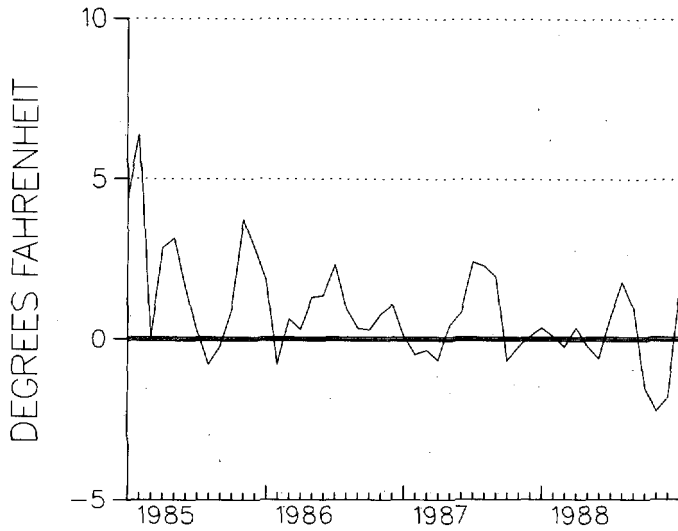
TEMPERATURE DEPARTURES FROM NORMAL (1951-1980)  
 THREE MONTH RUNNING MEAN  
 FOR THE 49 MONTHS ENDING WITH JANUARY 1989 DATA  
 MARYLAND

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

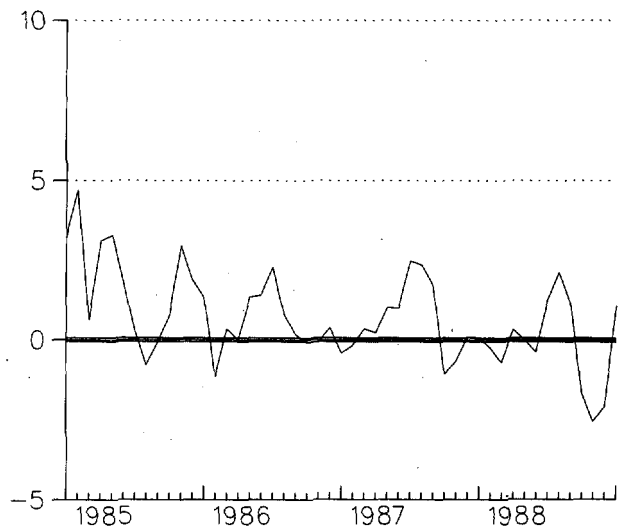
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 UPPER SOUTHERN 04  
 NORTHERN EASTERN SHORE 05

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

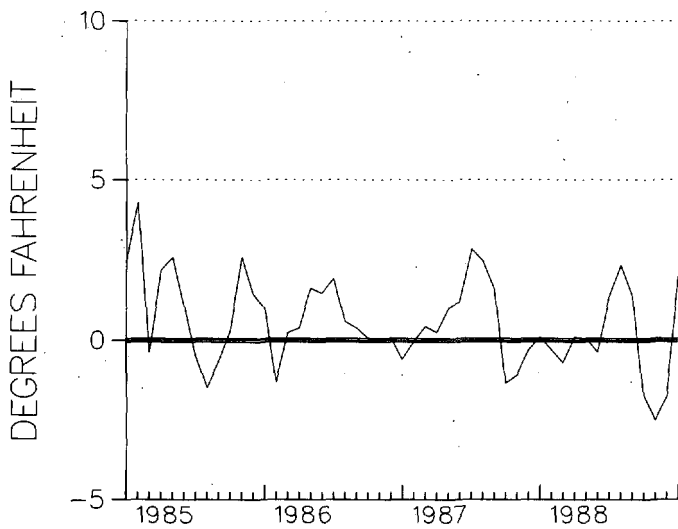
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 ALLEGHENY PLATEAU 08



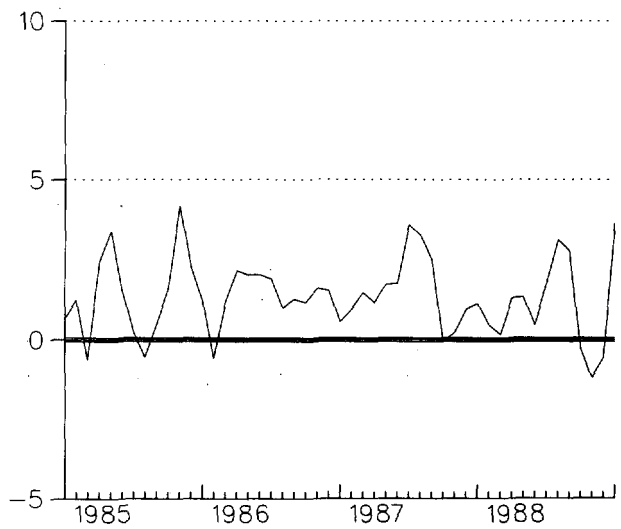
CLUSTER 1



CLUSTER 2



CLUSTER 3

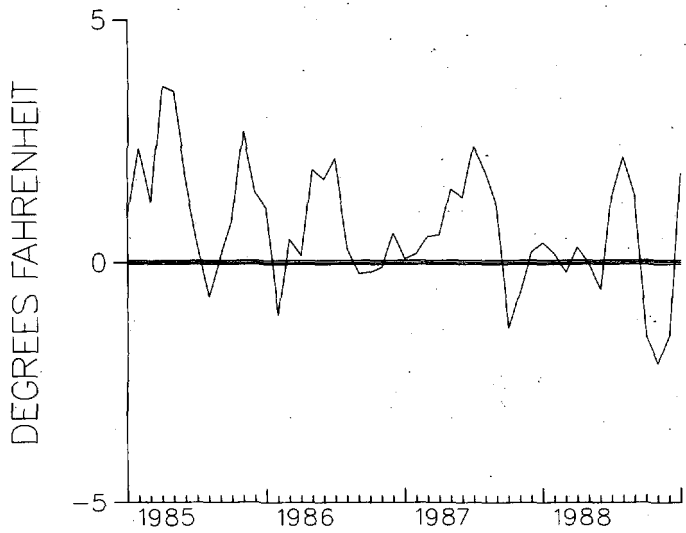


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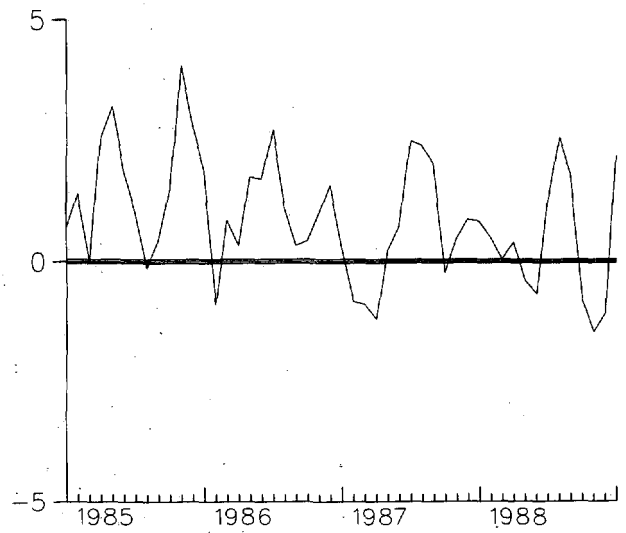
TEMPERATURE DEPARTURES FROM NORMAL (1951-1980)  
THREE MONTH RUNNING MEAN  
FOR THE 49 MONTHS ENDING WITH JANUARY 1989 DATA  
DELAWARE

CLUSTER 1 - DIVISION(S):  
NORTHERN 01

CLUSTER 2 - DIVISION(S):  
SOUTHERN 02



CLUSTER 1

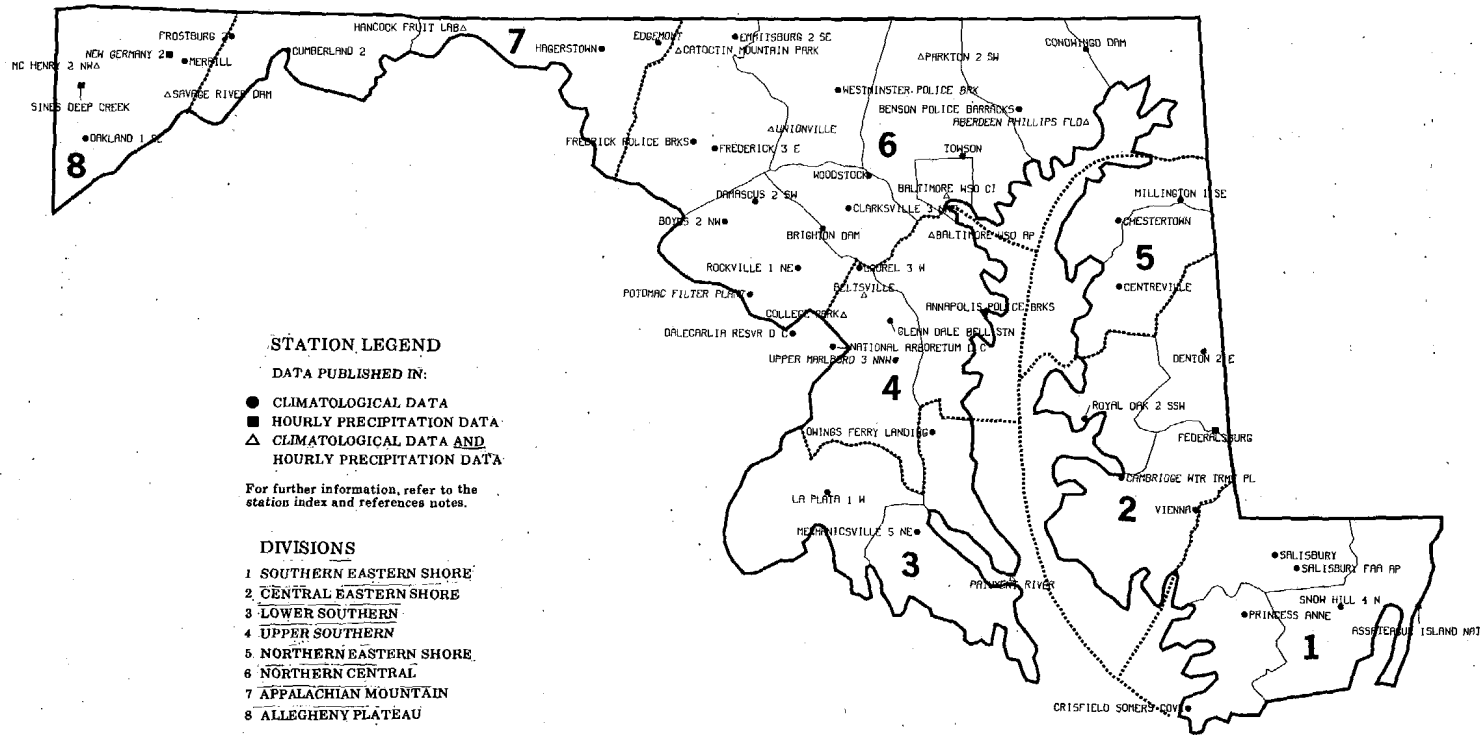
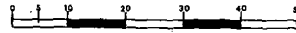


CLUSTER 2

# 18 - MARYLAND & D.C.

ALBERS EQUAL AREA PROJECTION  
STANDARD PARALLELS AT 29.5 AND 45.5 DEGS.

STATUTE MILES



40.0 76.0

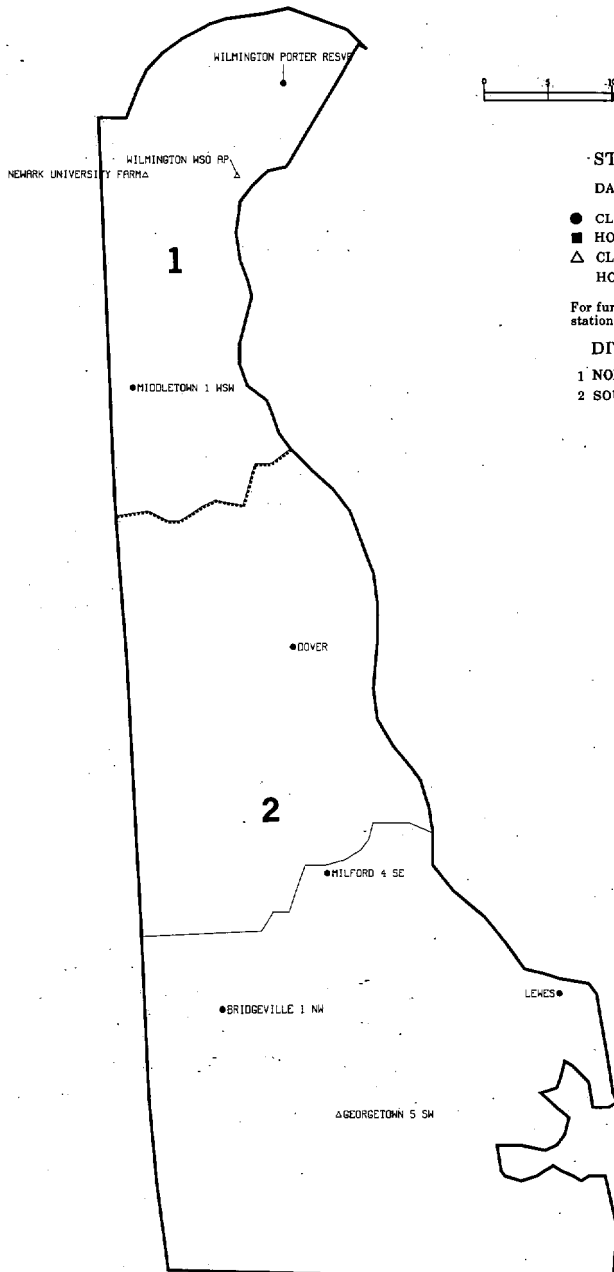
75.0

40.0

# 07 - DELAWARE

ALBERS EQUAL AREA PROJECTION  
STANDARD PARALLELS AT 29.5 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  
VALIDATED BY:

Ted Burlew  
Betty Edstrom  
Bruce Emory  
Joyce Morgan  
Betty Shuford

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