

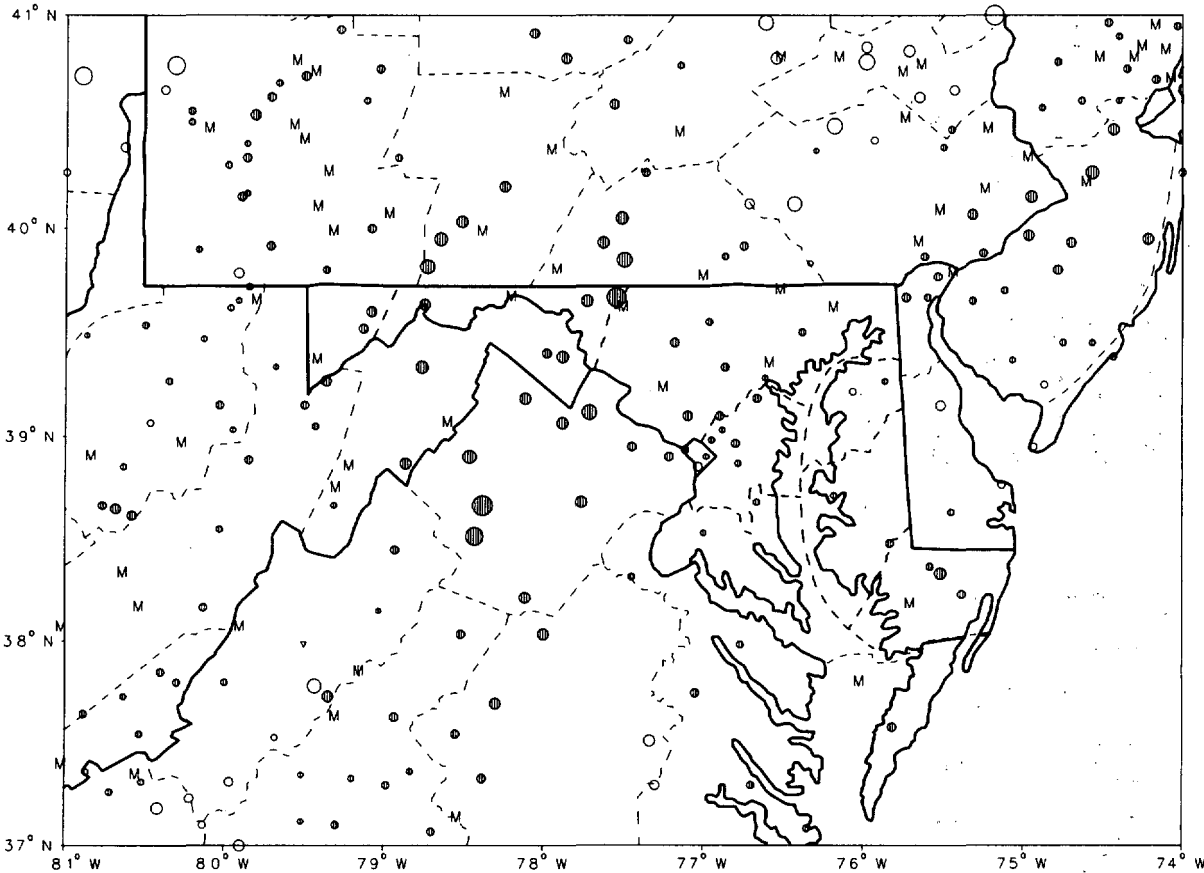


CLIMATOLOGICAL DATA MARYLAND AND DELAWARE

DECEMBER 1992
VOLUME 96 NUMBER 12

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. Halpern

DIRECTOR, NATIONAL CLIMATIC DATA CENTER

noaa

NATIONAL
OCEANIC AND
ATMOSPHERIC ADMINISTRATION

NATIONAL
ENVIRONMENTAL SATELLITE, DATA
AND INFORMATION SERVICE

NATIONAL
CLIMATIC DATA CENTER
ASHEVILLE NORTH CAROLINA

TEMPERATURE AND PRECIPITATION EXTREMES

MARYLAND AND
DELAWARE
DECEMBER 1992

MARYLAND
 HIGHEST TEMPERATURE 76
 LOWEST TEMPERATURE 1
 GREATEST TOTAL PRECIPITATION 8.03
 LEAST TOTAL PRECIPITATION 3.57
 GREATEST 1 DAY PRECIPITATION 4.70
 GREATEST TOTAL SNOWFALL 55.5
 GREATEST DEPTH OF SNOW OR ICE 40

DELAWARE
 HIGHEST TEMPERATURE 67
 LOWEST TEMPERATURE 13
 GREATEST TOTAL PRECIPITATION 4.99
 LEAST TOTAL PRECIPITATION 3.05
 GREATEST 1 DAY PRECIPITATION 2.69
 GREATEST TOTAL SNOWFALL 1

DECEMBER 31
 DECEMBER 27

DECEMBER 11
 DECEMBER 12

DECEMBER 31
 DECEMBER 25

DECEMBER 11

DALECARLIA RESERVOIR
 OAKLAND 1 SE
 EDGEMONT
 BELTSVILLE
 EDGEMONT
 MC HENRY 2 NW
 MC HENRY 2 NW

WILMINGTON WSO ARPT R
 GEORGETOWN 5 SW
 WILMINGTON PORTER RSVR
 DOVER
 NEWARK UNIVERSITY FARM
 WILMINGTON WSO ARPT R

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

MARYLAND AND
DELAWARE
DECEMBER 1992

STATION	TEMPERATURE (°F)											PRECIPITATION (IN)											
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST DATE	LOWEST DATE	HEATING DEGREE DAYS	COOLING DEGREE DAYS	NO. OF DAYS				TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY DATE	SNOW SLEET							
									90 OR ABOVE	32 OR BELOW	32 OR BELOW	0 OR BELOW				TOTAL	MAX. DEPTH ON GROUND	DATE	.10 OR MORE	.50 OR MORE	1.00 OR MORE		
MARYLAND																							
SOUTHERN EASTERN SHORE 01																							
ASSATEAGUE IS NATL SEA	47.8	31.9	39.9		6031	1827+	772	0	0	0	18	0	3.88		1.60	11					9	2	1
PRINCESS ANNE	M	M	M																				
SALISBURY	49.8	33.6	41.7	1.4	6531	1825	715	0	0	0	14	0	4.49	.87	1.60	11							
SALISBURY FAA ARPT	48.8	31.7	40.3	1.5	6631	1425	760	0	0	0	17	0	6.52	2.81	2.12	10					10	3	2
SNOW HILL 4 N	49.7	32.5	41.1	1.6	6731	1425	734	0	0	0	15	0	4.96	1.25	1.46	11					10	3	1
--DIVISIONAL DATA-->																							
CENTRAL EASTERN SHORE 02																							
ROYAL OAK 2 SSW	47.0	34.3	40.7	1.8	6331	1927+	747	0	0	0	12	0	4.10	.36	1.20	11					8	3	1
VIENNA	49.1	32.5	40.8	1.2	6631	1927	743	0	0	0	14	0	4.74	1.17	1.85	11					8	4	1
--DIVISIONAL DATA-->																							
LOWER SOUTHERN 03																							
LA PLATA 1 W	46.9	32.4	39.7	1.8	6831	1825	779	0	0	0	15	0	3.63	.21	.84	11					8	4	0
MECHANICSVILLE 5 NE	46.7	31.7	39.2		6731	1525	794	0	0	0	17	0	4.43		1.68	11	M				7	3	1
OWINGS FERRY LANDING	46.4	31.4	38.9	.8	6831	1527+	800	0	0	0	17	0	3.88	.59	1.10	10					7	2	1
--DIVISIONAL DATA-->																							
UPPER SOUTHERN 04																							
ANNAPOLIS POLICE BRKS	46.4	33.1	39.8		5530+	1725	782	0	0	0	13	0	4.66		1.45	11					8	4	1
BALTIMORE HSO ARPT	R 46.5	31.3	38.9	2.4	7231	1525	801	0	0	0	18	0	4.63	1.23	1.72	11					5	3	2
BELTSVILLE	43.7	29.8	36.8	1.5	6031+	1425	869	0	0	0	21	0	3.57	.23	1.45	11					8	2	1
COLLEGE PARK	45.4	32.0	38.7	1.4	6031	1627	807	0	0	0	16	0	3.84	.46	1.51	11					9	2	1
DALECARLIA RESERVOIR	46.9				7631			0	0	0			4.33	.84	1.71	11					7	3	1
GLENN DALE BELL STN	47.4	31.3	39.4	2.7	7031	1625	789	0	0	0	16	0	4.71	1.32	1.58	11					8	4	1
LAUREL 3 W	45.6	27.4	36.5	-.4	7131	1425	875	0	0	0	25	0	4.49	1.15	2.03	11					7	3	1
NATIONAL ARBORETUM DC	45.3	30.8	38.1	-.4	6018	1627	831	0	0	0	17	0	3.58	.22	1.48	11					8	2	1
UPPER MARLBORO 3 NNW	45.0	29.4	37.2		6131+	1427	853	0	0	0	21	0	3.81	.42	1.53	11					8	2	1
--DIVISIONAL DATA-->																							
NORTHERN EASTERN SHORE 05																							
CHESTERTOWN	45.8	29.4	37.6	.6	6731	1525	844	0	0	0	21	0	3.68	-.19	1.70	10					7	2	1
MILLINGTON 1 SE	46.5	31.1	38.8	2.7	6731	1528+	804	0	0	0	17	0	3.81	.23	1.71	11					8	2	1
--DIVISIONAL DATA-->																							
NORTHERN CENTRAL 06																							
ABERDEEN PHILLIPS FIEL	46.1	35.3	40.7		6631	2415	744	0	0	0	8	0	4.00		2.07	11					4	2	1
BALTIMORE CITY	R 46.6	34.2	40.4	1.1	7331	1925	755	0	0	0	10	0	3.94	.16	1.52	10					4	2	2
BENSON POLICE BARRACKS	45.6	31.2	38.4	3.3	6731	1527+	820	0	0	0	17	0	5.04	1.05	1.91	11					9	4	1
CATOCTIN MOUNTAIN PARK	38.3	26.3	32.3		6231	1127	1006	0	0	0	26	0	7.01		3.43	11					9	3	2
CLARKSVILLE 3 NNE	45.1	29.0	37.1		6931	1027	860	0	0	0	19	0	5.06		2.48	11					7	4	1
CONOWINGO DAM																							
EMMITSBURG 2 SE	41.9	28.5	35.2		6631	1127	915	0	0	0	22	0	4.45		1.90	11					11	3	1
FREDERICK POLICE BRKS	43.6	31.6	37.6		6831	1527	842	0	0	0	16	0	4.69		2.35	11					10	2	1
MILLERS 4 NE	41.4	28.6	35.0		6331	1027	924	0	0	0	24	0	4.11		1.17	10					7	3	1
ROCKVILLE 1 NE	44.4	30.7	37.6	1.2	7031	1427	843	0	0	0	11	0	4.55	1.55	1.77	10					7	3	2
TOWSON																							
UNIONVILLE	42.3	26.9	34.6	1.2	6531	1027	934	0	0	0	23	0	4.64	1.34	1.78	11					8	2	2
WESTMINSTER POL BRKS	43.2	28.9	36.1	2.1	6531	1325	889	0	0	0	22	0	4.29	.80	1.48	11					8	3	1

SEE REFERENCE NOTES FOLLOWING STATION INDEX

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

MARYLAND AND
DELAWARE
DECEMBER 1992

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 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	1.0 OR MORE	.50 OR MORE	1.00 OR MORE
WOODSTOCK	44.0	29.2	36.6	1.4	6731	1227	871	0	0	121	0	4.68	1.16	1.62	11	2.0	T			8	4	2			
--DIVISIONAL DATA----->			36.8	1.5								4.50	.98			4.1									
APPALACHIAN MOUNTAIN 07																									
CUMBERLAND 2	41.2	26.1	33.7	-.6	6531+	1127+	963	0	0	0	24	4.33	1.69	2.50	11	18.0	15	11	8	1	1				
FROSTBURG 2	34.7	22.4	28.6		5731	827+	1123				9	5.61		2.25	11	49.0	35	12	7	2	2				
HAGERSTOWN	40.2	27.1	33.7	-.5	6031	1327	964	0	0	0	0	5.02	2.16	2.45	11	9.3	2	10	7	3	1				
HANCOCK	40.7	25.2	33.0	-.1	5331	727	986	0	0	127	0	3.88		1.55	11	14.0	0		6	3	1				
--DIVISIONAL DATA----->			32.3	-1.4								4.99	2.15			22.6									
ALLEGHENY PLATEAU 08																									
MC HENRY 2 NW	34.9	22.1	28.5		5531	827+	1124	0	0	1328	0	6.45		1.55	12	55.5	40	12	12	3	2				
OAKLAND 1 SE	37.7	22.6	30.2	-.3	5831+	127	1071	0	0	1128	0	5.18		1.02	10	43.5	31	13	10	3	1				
SAVAGE RIVER DAM	36.5	22.6	29.6	-.6	5631	528	1094	0	0	929	0	3.94	1.26	2.02	11	M	27	12	8	1	1				
--DIVISIONAL DATA----->			29.4	.0								5.20	1.55			55.5									
DELAWARE																									
NORTHERN 01																									
NEWARK UNIVERSITY FARM	45.6	30.3	38.0	2.4	6531	1427	829	0	0	119	0	4.96	1.43	2.69	11	.0	0		8	2	1				
WILMINGTON WSO ARPT	45.6	31.0	38.3	2.8	6731	1725	817	0	0	020	0	4.21	.67	1.50	11	.1	T		7	3	2				
WILMINGTON PORTER RSVR	44.1	31.2	37.7	2.6	6431	1727	840	0	0	118	0	4.99	1.25	1.47	11	T	T		9	4	2				
--DIVISIONAL DATA----->			38.0	2.3								4.72	1.17			.0									
SOUTHERN 02																									
DOVER	46.0	33.0	39.5	1.1	6631	1725	785	0	0	017	0	3.05	-.48	1.48	11	.0	0		6	1	1				
GEORGETOWN 5 SW	47.4	30.5	39.0	1.2	6418	1325	798	0	0	016	0	4.10	.51	1.60	11	.0	0		10	2	1				
GREENWOOD 2 NE	46.4	30.7	38.6		6431	1525	814	0	0	018	0	3.17		.67	11	.0	0		10	2	0				
LEWES	48.7	34.3	41.5	3.0	6631	1825	722	0	0	011	0	3.61	-.21	1.62	11	.0	0		11	1	1				
--DIVISIONAL DATA----->			39.7	1.4								3.48	-.25			.0									

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION (INCHES)

MARYLAND AND
DELAWARE
DECEMBER 1992

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 IS NATL SEA	3.88		.19			.25	.02				1.60	.10	.10			.02		.20	.03	.72	.02		.20	.06				.08		.29		
PRINCESS ANNE	H				T																											
SALISBURY	4.49	.06	.01	.03		.08	T	T			.80	1.60	.11	.02	T			.14	.18		.72		.22	T			.24	.16	.12			
SALISBURY FAA ARPT	6.52	.05	.02		.02	.25					2.12	1.68	.10	T	T			.41		.01	.95		.26			.30	.33					
SNOW HILL 4 N	4.96	.02	.41			.27					.47	1.46	.09	.03	T			.09	.10		.71		.21	.01			.21	.76	.12			
CENTRAL EASTERN SHORE 02																																
ROYAL OAK 2 SSW	4.10	T	T			.03					.96	1.20	.15			T		.35	.13		.59		.23	.01			.39	.06				
VIENNA	4.74		.50					.10			.74	1.85					.30				.65					.22	.26	.08	.04			
LOWER SOUTHERN 03																																
LA PLATA 1 W	3.63	.13	T			T					.75	.84	.19			.02	.25				.63		.14				.61	.06	.01			
MECHANICSVILLE 5 NE	4.43	.02	T	T	T	T					.96	1.68	.32	T		T	.25	.02			.47		.17		T		.52	.02	T			
OWINGS FERRY LANDING	3.88	.02	T								1.10	.93	.43			T	.26	.01			.44		.16				.48	.04	*	.01		
UPPER SOUTHERN 04																																
ANNAPOLIS POLICE BRKS	4.66	.01				.05					.85	1.45	.39				.31	.58			.20		.20				.57	.04	.01			
BALTIMORE WSO ARPT	4.63	.01	T	T	.06	.01					1.51	1.72	.08			.01	.35				.14		.09		T		.62	.02	.01			
BELTSVILLE	3.57					.05					.06	1.45	.77				.16	.19			.19	.01				.30	.21	.03		.00		
COLLEGE PARK	3.84	T	T	T		.06					.15	1.51	.82	T			.20	.17			.22		.16	T		.38	.17	T	T			
DALECARLIA RESERVOIR	4.33	.08				.02	.01				.78	1.71	.23			.02	.37		.01	.23	.01	.18				.64	.02	.02				
GLENN DALE BELL STN	4.71	.01				.03					.69	1.58	.32	.04			.32	.05			.30		.19			.60	.50	.08				
LAUREL 3 W	4.49	.04			T						.91	2.03	.10				.45				.15		.21			.10	.60			T		
NATIONAL ARBORETUM DC	3.58		.02	T		.07					.05	1.48	.55	.02			.21	.12			.22	.04	.27	T		.10	.39	.04	T			
UPPER MARLBORO 3 NNW	3.81		.02								.06	1.53	.89	.03			.11	.22			.16	.07	.20			.13	.37	.02	.00			
NORTHERN EASTERN SHORE 05																																
CHESTERTOWN	3.68	.15			T	.08					1.70	.55	.05	T		T	.42				.21		.14		T		.33	.05	T			
HILLINGTON 1 SE																																
HILLINGTON 1 SE	3.81	.11	.02			.10					.32	1.71	.26				.51	.05			.20		.11			*	.31	*	.11			
NORTHERN CENTRAL 06																																
ABERDEEN PHILLIPS FIEL	4.00	T	T	T				T			.34	2.07	*	*	.15	T	.65	T	*	*	.15		.09	T	*	*	*	.39	.03	.13		
BALTIMORE CITY	3.94	.02			.08	.02					1.52	1.27	.04			.02	.35				.09		.06			.42	.05					
BENSON POLICE BARRACKS	5.04	.05	.05			.13					.80	1.91	.22	.03		.01	.72	.01			.24		.11			.56	.05	.13	.02			
CATOCTIN MOUNTAIN PARK	M 7.01	.04	.01			.15					1.74	3.43	.27			.06	.65				.20					.12	.22	.12				
CLARKSVILLE 3 NNE	5.06	.06	T	T		.02					.78	2.48	.28	.03		T	.52	.01			.20		.12				.50	.03	.03			
CONOWINGO DAM	H																															
EMMITSBURG 2 SE	4.45	.05	T			.10					.80	1.90	.10			.10	.70				.20		.10			.10	.20	.10				
FREDERICK POLICE BRKS	4.69	.03	T	T		.18					.64	2.35	.22			.10	.47				.16		.15			.17	.15	.07	T			
MILLERS 4 NE	4.11	.03	T	T		.09					1.17	.99	.39	T		.02	.51				.22		.05			.35	T	.29	T			
POTOMAC FILTER PLANT	3.95	.04	.01		.03						1.43	1.35	.07			.04	.32				.17		.09				.36	.04				
ROCKVILLE 1 NE	4.55	.03	T		.10	T					1.77	1.20	.04			.07	.39				.18		.18	T		.59	T	T				
TOWSON	M																															
UNIONVILLE	4.64	.05	.02			.12					1.21	1.78	.19			.05	.43				.17		.10	T		.39	.05	.08				
WESTMINSTER POL BRKS	4.29	.07	.08	.04		.17					.55	1.48	.31			.03	.50				.18		.38			.38	.05	.07	T			
WOODSTOCK																																
WOODSTOCK	4.68	.06		T		.13					1.14	1.62	.22			.03	.56				.20		.10	T			.51	.03	.08			
APPALACHIAN MOUNTAIN 07																																
CUMBERLAND 2	4.33			.06		.12					.46	2.50	.22			.03	.48	.13			.05		.05				.12	.11				
EDGE MONT	8.03		.03	.02							.22	4.70	1.58	T			.59	.08			.18		.02			.12	.35	.14	T			
FROSTBURG 2	5.61	T	T	.24	.04	.32	.11	T	T	T	.28	2.25	1.25	T	T	T	.42	.28	T		.05	.02	.06	.05		.05	.10	T	T			
HAGERSTOWN	5.02			.02		.12					.01	2.45	.94	T			.60	.09			.20		.05			.02	.21	.31	T			
HANCOCK																																
HANCOCK	M 3.88			.07		.15						1.55	.67				.60	.09			.07		.06				.13	.45	.04			

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION (INCHES)

MARYLAND AND
DELAWARE
DECEMBER 1992

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	
ALLEGHENY PLATEAU 08																																	
MC HENRY 2 NW	6.45	.01	T	.48	.04	.80	.13	.02			.33	1.40	1.55	.12			T	.46	.20					T	.10	.07							
MERRILL	4.93			.25	.35						.50	2.30	.40				.11	.45	.06						.30	.11							
OAKLAND 1 SE	M 5.18	T	.05	.25	.06	.44	.06				1.02	.94	.26				.30	.66							.27	.07	.07	T					
SAVAGE RIVER DAM	3.94	T	T	.10	T	.24	.02				.36	2.02	.14				.06	.47	.09						.15	T		T					
DELAWARE																																	
NORTHERN 01																																	
NEWARK UNIVERSITY FARM	4.96					.18					.06	2.69	.39	.02				.67	.04						.14					.20	.06	.26	
WILMINGTON WSO ARPT R	4.21	.01	T		.04	.08					1.15	1.50	.06				.02	.55						.12	T	T			.15	.08	.22		
WILMINGTON PORTER RSVR	4.99	.03	T	T	.02	.12					1.03	1.47	.61	.01			.06	.70						.13	T	T			.20	.08	.27	T	
SOUTHERN 02																																	
DOVER	3.05		T			.13					.06	1.48	.09	.07	.03			.42	.13						.09				.08	.17	.04	.00	
GEORGETOWN 5 SW	4.10		.20				.01				.61	1.60	.25	.21				.01	.27					.48	.11		.04		.02	.16	.21	.01	
GREENWOOD 2 NE	3.17	.19	.08	.12							.61	.67	.10	.07				.36	.09						.19				.13	.11	.01	.00	
LEWES	3.61		.21			.12					.17	1.62	.06	.05	T			.13	.12					.41	T			.15	.22	.14	.00		

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES (°F)

MARYLAND AND
DELAWARE
DECEMBER 1992

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	01	14	MAX 51'	50'	48'	48'	49'	45'	49'	48'	44'	47'	53'	43'	39'	40'	39'	54'	55'	55'	53'	48'	47'	52'	50'	48'	41'	40'	40'	46'	47'	52'	60'	47.8			
			OBS 68'																								***	18'	34'	18'	32'	42'	42'	39'	31.9		
			MIN 31'	39'	35'	27'	30'	25'	32'	27'	20'	32'	33'	30'	32'	32'	33'	32'	43'	36'	29'	42'	29'	33'	35'	27'	-17'	***	15'								
PRINCESS ANNE																																					
SALISBURY																																					
			17	MAX 52'	49'	47'	49'	49'	40'	48'	48'	48'	50'	55'	45'	43'	43'	41'	54'	64'	60'	54'	52'	49'	53'	52'	51'	40'	44'	37'	53'	55'	54'	65'	49.8		
			MIN 34'	36'	37'	29'	29'	26'	35'	35'	29'	25'	37'	36'	34'	37'	31'	34'	49'	39'	30'	46'	29'	29'	30'	28'	18'	35'	20'	29'	44'	45'	47'	33.6			
SALISBURY FAA ARPT																																					
			MID	MAX 52'	50'	47'	49'	45'	40'	48'	44'	39'	56'	56'	45'	42'	42'	41'	55'	63'	49'	56'	51'	41'	52'	52'	41'	44'	43'	38'	53'	56'	56'	66'	48.8		
			MIN 30'	32'	33'	25'	31'	25'	35'	28'	22'	23'	35'	36'	37'	37'	33'	31'	47'	29'	28'	40'	26'	29'	33'	18'	14'	26'	18'	38'	45'	46'	52'	31.7			
SNOW HILL 4 N																																					
			17	MAX 53'	51'	47'	51'	47'	41'	48'	44'	39'	50'	56'	45'	42'	41'	42'	58'	61'	59'	55'	51'	48'	54'	51'	51'	41'	43'	38'	53'	58'	56'	67'	49.7		
			MIN 31'	33'	36'	25'	35'	25'	34'	31'	23'	21'	34'	38'	36'	37'	36'	31'	49'	35'	26'	46'	25'	26'	32'	28'	14'	36'	17'	28'	44'	46'	48'	32.5			
CENTRAL EASTERN SHORE																																					
ROYAL OAK 2 SSW																																					
			18	MAX 45'	47'	47'	46'	49'	39'	45'	42'	39'	48'	54'	44'	43'	43'	39'	48'	57'	55'	51'	50'	49'	51'	49'	49'	38'	41'	36'	50'	50'	51'	63'	47.0		
			MIN 35'	33'	38'	29'	35'	29'	37'	37'	31'	24'	40'	39'	39'	37'	35'	36'	46'	37'	30'	41'	30'	32'	32'	28'	19'	36'	19'	27'	41'	43'	47'	34.3			
VIENNA																																					
			18	MAX 51'	49'	48'	48'	47'	41'	49'	42'	44'	50'	56'	45'	47'	42'	42'	45'	61'	60'	55'	53'	52'	48'	46'	50'	37'	52'	37'	53'	53'	53'	66'	49.1		
			OBS 38'	35'	35'	28'	35'	27'	25'	35'	29'	24'	38'	38'	36'	36'	35'	39'	38'	35'	29'	40'	27'	31'	24'	22'	21'	32'	19'	27'	42'	43'	45'	32.5			
			MIN 38'	35'	35'	28'	35'	27'	25'	35'	29'	24'	38'	38'	36'	36'	35'	39'	38'	35'	29'	40'	27'	31'	24'	22'	21'	32'	19'	27'	42'	43'	45'	32.5			
			OBS																																		
LOWER SOUTHERN																																					
LA PLATA 1 W																																					
			18	MAX 42'	45'	47'	45'	48'	43'	46'	41'	41'	49'	52'	43'	43'	43'	40'	49'	60'	49'	52'	52'	49'	53'	52'	48'	38'	41'	35'	39'	48'	52'	68'	46.9		
			MIN 35'	28'	28'	28'	33'	25'	34'	36'	25'	27'	33'	35'	37'	31'	36'	34'	48'	37'	29'	42'	27'	32'	31'	27'	18'	34'	20'	28'	36'	43'	46'	32.4			
MECHANICSVILLE 5 NE																																					
			19	MAX 41'	47'	47'	46'	49'	41'	46'	42'	37'	48'	51'	43'	43'	43'	39'	49'	60'	48'	52'	53'	45'	54'	52'	47'	39'	41'	34'	41'	48'	56'	67'	46.7		
			MIN 31'	29'	29'	26'	31'	23'	34'	35'	26'	24'	35'	35'	38'	35'	35'	30'	48'	35'	27'	43'	25'	29'	34'	25'	15'	30'	16'	27'	39'	44'	50'	31.7			
OWINGS FERRY LANDING																																					
			17	MAX 41'	44'	46'	44'	46'	39'	45'	40'	37'	46'	52'	42'	43'	42'	38'	48'	59'	59'	51'	52'	52'	53'	50'	48'	36'	39'	35'	39'	48'	56'	68'	46.4		
			OBS 32'	29'	28'	26'	32'	22'	35'	35'	28'	23'	37'	37'	38'	31'	34'	31'	47'	35'	27'	42'	26'	29'	33'	25'	15'	34'	15'	24'	38'	43'	43'	31.4			
			MIN 32'	29'	28'	26'	32'	22'	35'	35'	28'	23'	37'	37'	38'	31'	34'	31'	47'	35'	27'	42'	26'	29'	33'	25'	15'	34'	15'	24'	38'	43'	43'	31.4			
			OBS																																		
UPPER SOUTHERN																																					
ANNAPOLIS POLICE BRKS																																					
			17	MAX 47'	41'	48'	45'	45'	42'	45'	42'	40'	47'	52'	44'	45'	44'	40'	50'	55'	51'	50'	53'	49'	53'	53'	50'	37'	41'	35'	43'	49'	55'	46.4			
			MIN 35'	32'	34'	28'	33'	25'	35'	34'	28'	31'	42'	38'	35'	35'	34'	35'	45'	35'	29'	40'	30'	32'	32'	25'	17'	33'	21'	25'	40'	44'	45'	33.1			
			OBS																																		
BALTIMORE WSO ARPT																																					
			MID	MAX 42'	45'	47'	42'	42'	40'	42'	42'	41'	50'	51'	44'	45'	39'	39'	48'	60'	48'	51'	54'	40'	54'	50'	46'	40'	38'	33'	43'	50'	63'	72'	46.5		
			MIN 35'	29'	30'	27'	29'	24'	36'	30'	26'	27'	39'	38'	37'	35'	33'	33'	39'	30'	28'	31'	28'	30'	35'	18'	15'	23'	18'	30'	42'	44'	51'	31.3			
BELTSVILLE																																					
			08	MAX 48'	41'	46'	46'	44'	37'	40'	42'	40'	40'	39'	38'	42'	43'	39'	40'	48'	60'	42'	51'	52'	42'	54'	40'	34'	39'	37'	40'	41'	49'	60'	43.7		
			OBS 25'	28'	30'	24'	30'	25'	35'	34'	28'	24'	29'	35'	36'	32'	35'	32'	39'	35'	26'	34'	25'	27'	31'	32'	14'	24'	16'	22'	32'	40'	44'	29.8			
			MIN 25'	28'	30'	24'	30'	25'	35'	34'	28'	24'	29'	35'	36'	32'	35'	32'	39'	35'	26'	34'	25'	27'	31'	32'	14'	24'	16'	22'	32'	40'	44'	29.8			
			OBS																																		
COLLEGE PARK																																					
			09	MAX 51'	41'	46'	49'	47'	37'	41'	45'	40'	40'	51'	42'	43'	44'	39'	44'	47'	59'	47'	49'	52'	44'	55'	52'	36'	40'	37'	34'	43'	51'	60'	45.4		
			MIN 33'	28'	34'	27'	28'	26'	32'	36'	30'	26'	32'	32'	38'	35'	36'	35'	42'	37'	29'	41'	28'	29'	34'	33'	17'	25'	16'	27'	33'	42'	50'	32.0			
DALECARLIA RESERVOIR																																					
			17	MAX 43'	47'	46'	43'	48'	42'	44'	41'	41'	47'	46'	44'	44'	43'	41'	48'	58'	48'	51'	54'	50'	53'	51'	50'	39'	40'	36'	36'	45'	58'	76'	46.9		
			MIN 31'	36'	34'	28'	34'	28'	31'	34'	28'	31'	34'	28'	31'	34'	28'	31'	34'	28'	31'	34'	28'	31'	34'	28'	31'	34'	28'	31'	34'	28'	31'	34'	28'	31.4	
			OBS																																		
GLENN DALE BELL STN																																					
			16	MAX 47'	44'	49'	46'	42'	42'	44'	41'	41'	44'	52'	44'	43'	44'	38'	49'	60'	60'	50'	54'	52'	56'	50'	49'	35'	38'	37'	40'	45'	62'	70'	47.4		
			MIN 27'	26'	30'	23'	34'	26'	32'	34'	25'	21'	35'	35'	35'	28'	34'	31'	44'	33'	34'	38'	23'	30'	34'	32'	16'	27'	22'	35'	37'	38'	51'	31.3			
			OBS																																		
LAUREL 3 W																																					
			MID	MAX 41'	46'	46'	45'	43'	39'	42'	39'	40'	48'	51'	43'	43'	40'	38'	47'	55'	47'	50'	52'	42'	53'	45'	50'	38'	40'	35'	37'	48'	59'	71'	45.6		
			MIN 31'	26'	27'	28'	24'	22'	31'	25'	25'	23'	34'	27'	31'	28'	29'	28'	37'	31'	29'	31'	24'	36'	45'	28'	15'	14'	21'	15'	23'	36'	44'	27.4			
			OBS																																		

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DAILY TEMPERATURES (°F)

MARYLAND AND
DELAWARE
DECEMBER 1992

STATION	OB. TIME	MAX/MIN	DAY OF MONTH																															AVERAGE		
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31			
			NATIONAL ARBORETUM DC	07	MAX MIN	49 29	41 28	46 29	47 27	46 30	38 26	41 27	44 37	41 31	40 25	52 38	42 36	44 38	44 34	40 36	39 33	49 37	60 38	49 37	50 37	55 28	43 30	51 33	52 36	38 17	41 21	39 16	35 17		41 31	49 39
UPPER MARLBORO 3 NNW	08	MAX MIN	48 29	41 28	43 30	47 25	46 29	37 24	40 27	45 36	41 28	40 23	53 31	42 37	43 32	39 35	38 33	51 33	61 36	48 27	52 30	53 27	42 27	53 31	50 33	36 15	40 20	38 14	34 16	41 32	49 41	61 44	45.0 29.4			
NORTHERN EASTERN SHORE	05																																			
CHESTERTOWN	23	MAX MIN	46 31	46 31	47 31	43 27	38 28	38 25	42 33	43 33	38 22	49 22	52 38	44 36	44 34	38 26	39 26	48 31	59 42	48 29	54 26	52 36	36 24	50 28	50 29	45 19	41 15	37 23	35 16	46 26	48 38	57 42	67 43	45.8 29.4		
MILLINGTON 1 SE	18	MAX OBS MIN OBS	48 31	45 35	47 36	41 27	41 34	40 25	44 33	44 32	38 27	46 20	51 38	44 38	43 34	39 35	38 24	48 32	59 45	48 34	54 27	52 43	36 26	50 29	50 29	45 26	41 15	37 30	35 17	46 15	48 38	57 44	67 46	46.5 31.1		
NORTHERN CENTRAL	06																																			
ABERDEEN PHILLIPS FIEL	16	MAX MIN	45 36	45 31	45 38	43 30			40 34	40 36	39 29	43 30	47 42			39 37	38 24	44 37	58 43	54 37			37 30	52 33	48 40	47 28					43 31	50 42	52 45	66 44	46.1 35.3	
BALTIMORE CITY	MID	MAX MIN	43 40	46 36	49 34	46 33	43 30	40 28	42 38	40 34	41 31	48 29	49 36	42 36	43 35	41 36	39 36	47 36	58 42	47 37	51 35	53 37	40 30	54 35	53 40	46 20	42 19	42 27	35 21	43 30	50 42	60 46	73 51	46.6 34.2		
BENSON POLICE BARRACKS	17	MAX MIN	46 32	46 30	48 33	40 28	41 34	38 28	41 34	41 34	42 30	40 39	48 37	43 35	43 32	38 25	45 33	55 41	50 37	50 28	51 39	47 25	58 28	52 32	50 25	35 15	39 33	35 15	40 22	48 39	52 44	67 44	45.6 31.2			
CATOCTIN MOUNTAIN PARK	17	MAX MIN OBS	39 31	39 26	36 29	39 25	39 25	29 20	32 23	34 28	33 20	35 21	41 30	35 32	35 29	31 22	42 28	45 35	40 31	43 27	40 27	43 33	39 22	45 26	46 35	35 18	27 12	34 19	27 11	32 18	44 19	54 29	62 48	38.3 26.3		
CLARKSVILLE 3 NNE	17	MAX MIN	47 28	45 24	44 38	40 22	40 29	38 23	40 32	38 34	40 22	42 19	49 35	41 36	44 34	41 27	38 28	46 30	56 42	47 34	49 24	53 38	48 20	52 26	51 37	48 25	34 12	39 30	34 10	37 18	49 35	59 40	69 47	45.1 29.0		
CONOWINGO DAM	MID	MAX MIN																																		
EMMITSBURG 2 SE	17	MAX MIN	41 31	40 22	43 32	36 24	40 29	35 23	39 30	38 33	36 26	38 21	45 35	40 35	42 35	38 26	35 23	39 33	47 38	45 35	46 25	50 38	43 23	52 27	51 28	45 24	32 15	39 27	32 11	33 20	42 33	50 36	66 47	41.9 28.5		
FREDERICK POLICE BRKS	17	MAX MIN	44 33	43 26	43 34	42 29	41 33	37 25	39 33	38 34	38 29	39 25	39 35	42 37	42 36	37 30	41 34	49 40	47 38	48 30	51 40	48 28	50 32	53 37	50 24	34 16	42 31	34 15	42 25	34 32	43 20	54 33	68 49	43.6 31.6		
MILLERS 4 NE	18	MAX MIN	40 32	42 25	44 31	36 25	39 28	33 21	36 30	38 32	36 27	45 22	39 35	40 33	37 29	33 21	41 32	50 40	44 34	46 28	50 39	41 22	51 28	49 32	43 21	32 13	35 25	30 10	33 18	47 32	51 40	63 49	41.4 28.6			
ROCKVILLE 1 NE	MID	MAX MIN	41 31	44 27	45 28	44 29	40 27	38 23	39 35	38 29	36 28	48 29	50 34	42 36	43 34	39 32	38 33	47 33	56 41	45 28	47 29	51 34	40 28	51 33	50 42	44 19	38 19	37 23	32 14	46 27	59 35	70 41	44.4 30.7			
TOWSON	18	MAX MIN																																		
UNIONVILLE	17	MAX MIN	40 26	43 21	43 28	38 22	38 29	35 19	38 31	37 32	37 20	42 19	48 33	39 34	42 34	37 22	36 23	42 33	45 32	47 23	51 37	42 20	50 30	51 27	42 10	35 18	36 27	33 10	33 18	41 32	53 36	65 41	42.3 26.9			
WESTMINSTER POL BRKS	17	MAX MIN	47 31	44 28	43 32	39 28	39 33	34 16	38 26	38 33	37 29	38 25	48 34	40 35	40 33	40 31	43 26	52 31	46 41	46 29	50 34	49 19	49 27	50 24	49 24	32 13	37 27	31 14	35 20	48 33	52 39	65 50	43.2 28.9			
WOODSTOCK	18	MAX MIN	40 30	45 26	45 31	39 25	40 28	38 22	39 30	39 33	40 25	43 23	48 35	41 35	42 33	38 26	45 32	55 42	46 36	49 26	52 39	45 23	50 28	51 30	47 22	36 13	37 28	31 12	36 21	48 35	55 41	67 48	44.0 29.2			
APPALACHIAN MOUNTAIN	07																																			
CUMBERLAND 2	18	MAX MIN OBS	44 25	39 25	40 27	37 24	37 22	34 22	35 32	36 25	40 25	35 27	37 34	39 34	41 27	44 20	37 23	42 30	48 34	39 27	42 36	45 27	47 36	51 24	50 32	44 26	39 12	39 11	33 11	35 28	41 38	65 37	65 36	41.2 26.1		
FROSTBURG 2	07	MAX MIN	40 26	35 23	32 24	30 20	37 21	22 15	28 15	27 24	26 21	30 20	31 21	30 27	32 28	34 25	37 22	44 26	42 31	42 25	44 27	42 19	33 18	44 33	44 23	23 8	38 9	21 12	24 9	32 22	49 31	57 47	34.7 22.4			
HAGERSTOWN	08	MAX OBS MIN OBS	44 29	43 25	43 27	41 26	39 28	34 22	35 27	37 32	37 23	38 25	38 25	38 32	41 34	40 26	36 26	35 30	39 33	43 36	43 29	47 35	50 23	38 23	51 32	50 24	29 15	39 21	31 13	31 18	33 28	43 32	60 42	40.2 27.1		

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MARYLAND AND
DELAWARE
DECEMBER 1992

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

SEE REFERENCE NOTES FOLLOWING STATION INDEX

SNOWFALL AND SNOW ON GROUND (INCHES)

MARYLAND AND
DELAWARE
DECEMBER 1992

STATION	DAY OF MONTH																															
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
MARYLAND																																
SOUTHERN EASTERN SHORE 01																																
SNOW HILL 4 N																																
LOWER SOUTHERN 03																																
LA PLATA 1 W																																
MECHANICSVILLE 5 NE																																
UPPER SOUTHERN 04																																
BALTIMORE WSO ARPT																																
BELTSVILLE																																
COLLEGE PARK																																
GLENN DALE BELL STN																																
NATIONAL ARBORETUM DC																																
UPPER MARLBORO 3 NNW																																
NORTHERN EASTERN SHORE 05																																
CHESTERTOWN																																
NORTHERN CENTRAL 06																																
ABERDEEN PHILLIPS FIEL																																
CATOCTIN MOUNTAIN PARK																																
CLARKSVILLE 3 NNE																																
EMMITSBURG 2 SE																																
FREDERICK POLICE BRKS																																
MILLERS 4 NE																																
ROCKVILLE 1 NE																																
WESTMINSTER POL BRKS																																
WOODSTOCK																																

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
DECEMBER 1992

STATION		DAY OF MONTH																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
APPALACHIAN MOUNTAIN 07	SNOWFALL										5.0	2.0	1.0																			
	SN ON GND										5	15	11	-	8	7	7	6	-	4	4	3	-	-	-	1	1	1	1	1		
CUMBERLAND 2	SNOWFALL	T	T	5.0	.8	4.0	2.0	T	T	T	4.0	2.0	7.0	T	T																	
	SN ON GND	T		4	3	6	8	6	6	6	8	28	35	34	32	28	26	24	22	21	19	18	16	15	17	18	18	18	17	16	13	.0
FROSTBURG 2	SNOWFALL										2.0	7.0	T																			
	SN ON GND										2	1	1	-																		.3
HAGERSTOWN	SNOWFALL										3.0	1.0																				
	SN ON GND										-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
HANCOCK	SNOWFALL																															
	SN ON GND																															
ALLEGHENY PLATEAU 08	SNOWFALL	T	T	6.0	.5	8.0	1.5	T			3.0	5.0	6.0	1.5																		
	SN ON GND	T	T	6	6	12	13	12	11	10	12	25	40	39	35	30	20	12	10	9	6	5	4	3	3	3	4	4	3	3	2	.0
MC HENRY 2 NW	SNOWFALL			1.0	*	4.0					6.1	2.0	4.1																			
	SN ON GND			1	4	3	2	2	2	2	8	29	33	31	27	21	20	15	12	10	9	8	8	7	9	9	9	9	8	7	6	5
MERRILL	SNOWFALL	T	1.5	3.0	2.0	9.5	1.5	T			10.0	8.0	3.5																			
	SN ON GND	-	-	-	-	-	-	-	10	10	10	-	-	31	-	-	-	-	-	-	-	-	-	-	-	2.0	2.5	T	-	-	-	
OAKLAND 1 SE	SNOWFALL																															
	SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
SAVAGE RIVER DAM	SNOWFALL																															
	SN ON GND	-	-	1	T	1	1	T	T	T	3	23	27	24	14	12	12	12	10	9	7	7	7	4	3	3	3	3	3	2	2	T
DELAWARE																																
NORTHERN 01	SNOWFALL	T	T			T					T		T																			
	SN ON GND																									T	.1					
WILMINGTON WSO ARPT	SNOWFALL																															
	SN ON GND																															
WILMINGTON PORTER RSVR	SNOWFALL																															
	SN ON GND																															

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
DECEMBER 1992

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 FIEL	001506	R	HARFORD	39 28	76 10W	57	16	16		C	H	PHILLIPS ARMY AIRFIELD		
ANNAPOLIS POLICE BRKS	001930		ANNE ARUNDEL	38 59	76 30W	25	17	17			H	ANNAPOLIS POLICE BARRACK		
ASSATEAGUE IS NATL SEA	003350		WORCESTER	38 14	75 8W	10	14	07			H	NATIONAL PARK SERVICE		
BALTIMORE WSO ARPT	004650		ANNE ARUNDEL	39 11	76 40W	148	MID	MID			C	NATL WEATHER SERVICE		
BALTIMORE CITY #	004700		BALTIMORE CI	39 17	76 37W	14	MID	MID			C	NATIONAL WEATHER SERVICE		
BELTSVILLE	070004		PRINCE GEORG	39 12	76 53W	120	08	08			08	C	USDA CHEM & BIOPHYS LAB	
BENSON POLICE BARRACKS	073206		HARFORD	39 30	76 23W	365	17	17				H	MARYLAND STATE POLICE	
CATOCTIN MOUNTAIN PARK	153006		FREDERICK	39 39	77 29W	1610	17	17				C	CATOCTIN MOUNTAIN PARK	
CHESTERTOWN	175005		KENT	39 13	76 4W	40	23	23				H	THOMAS W ELIASON JR	
CLARKSVILLE 3 NNE	186206		HOWARD	39 15	76 56W	370	17	17				H	UNIV OF MD AGRONOMY DEPT	
COLLEGE PARK	199504		PRINCE GEORG	38 59	76 57W	90	09	09				C	UNIVERSITY OF MARYLAND	
CONOWINGO DAM	200600		HARFORD	39 39	76 10W	40	MID	MID				H	SUSQUEHANNA ELECTRIC CO	
CUMBERLAND 2	222820		ALLEGANY	39 38	78 45W	730	18	07				H	TIMOTHY B THOMAS	
DALECARLIA RESERVOIR	232250		DIS COLUMBIA	38 56	77 7W	150	17	17				H	U S CORPS OF ENGINEERS	
DAMASCUS 2 SW	233350		MONTGOMERY	39 16	77 14W	722	19	19				H	INACTIVE 01/01/92	
EDGEMONT	277007		WASHINGTON	39 40	77 33W	905		07					H	JOHN W HARNE
EMMITSBURG 2 SE	290606		FREDERICK	39 41	77 18W	416	17	17				H	LUCILLE K BEALE	
FREDERICK POLICE BRKS	334806		FREDERICK	39 25	77 26W	380	17	17				H	MARYLAND STATE POLICE	
FROSTBURG 2	341507		ALLEGANY	39 40	78 56W	2170	07	07				H	KENNETH L CLOSE	
GLENN DALE BELL STN.	367504		PRINCE GEORG	38 58	76 48W	150	16	16				H	USDA PLANT INTRODUCT STN	
HAGERSTOWN	397507		WASHINGTON	39 39	77 44W	660	08	08				H	HAGERSTOWN RESERVOIR	
HANCOCK	403007		WASHINGTON	39 42	78 11W	428	08	08				C	TOWN OF HANCOCK	
LA PLATA 1 W	508003		CHARLES	38 32	77 0W	140	18	18				H	C RUSSELL LEVERING	
LAUREL 3 W	511104		PRINCE GEORG	39 6	76 54W	400	MID	MID				H	WA SUBURBAN SANITARY COM	
MC HENRY 2 NW	583208		GARRETT	39 35	79 22W	2680	08	08				C	JOSEPH F JOHENNING	
MECHANICSVILLE 5 NE	586503		ST MARYS	38 27	76 41W	100	19	19				H	SANDRA J HASTINGS	
MERRILL	589408		GARRETT	39 36	79 5W	1790		09				H	DELWOOD E MERRILL	
MILLERS 4 NE	593406		CARROLL	39 43	76 48W	860	18	18				C	BOBBY P MILLER	
MILLINGTON 1 SE	598505		KENT	39 16	75 52W	30	18	18					H	HOWARD L HARVEY
NATIONAL ARBORETUM DC	635004		DIS COLUMBIA	38 54	76 59W	50	07	07				H	US NATIONAL ARBORETUM	
OAKLAND 1 SE	662008		GARRETT	39 24	79 24W	2420	17	17				H	BEA J CROSCO	
OWINGS FERRY LANDING	677003		CALVERT	38 41	76 40W	160	17	17				H	JAMES C RASMUSSEN	
POTOMAC FILTER PLANT	727206		MONTGOMERY	39 2	77 15W	270		08					H	POTOMAC WATER FILT PLANT
PRINCESS ANNE	733001		SOMERSET	38 13	75 41W	20	17	17					H	UNIV OF MD EASTERN SHORE
ROCKVILLE 1 NE	770506		MONTGOMERY	39 6	77 6W	440	MID	17				H	WASHINGTON GAS & ELEC CO	
ROYAL OAK 2 SSW	780602		TALBOT	38 43	76 11W	10	18	18				H	JOHN L SWAINE JR	
SALISBURY	800001		WICOMICO	38 22	75 35W	10	17	17					H	CITY OF SALISBURY
SALISBURY FAA ARPT #	800501		WICOMICO	38 20	75 31W	50	MID	MID				H	FAA	
SAVAGE RIVER DAM	806508		GARRETT	39 31	79 8W	1495	08	08				08	C	US CORPS OF ENGINEERS
SNOW HILL 4 N	838001		WORCESTER	38 14	75 23W	30	17	17				H	CURTIS E SHOCKLEY	
TOWSON	887706		BALTIMORE	39 23	76 34W	390	18	18					H	ENVIRONMENTAL TECH GROUP
UNIONVILLE	903006		FREDERICK	39 27	77 11W	430	17	07				C	RICHARD GETZANDANNER	
UPPER MARLBORO 3 NNW	907004		PRINCE GEORG	38 52	76 47W	100	08	08				08	H	UNIVERSITY OF MARYLAND
VIENNA	914002		DORCHESTER	38 29	75 50W	10	18	18					H	DELMARVA POWER & LIGHT
WESTMINSTER POL BRKS	944006		CARROLL	39 33	76 58W	765	17	17				H	MARYLAND STATE POLICE	
WOODSTOCK	975006		BALTIMORE	39 20	76 52W	460	18	18				H	JOHN A HILTZ	
DELAWARE														
DOVER	273002		KENT	39 9	75 31W	30	17	17				H	STATE HIGHWAY DEPT	
GEORGETOWN 5 SW	357002		SUSSEX	38 38	75 27W	45	08	08				08	C	UNIV OF DEL SUBSTATION
GREENWOOD 2 NE	359502		SUSSEX	38 50	75 35W	45	18	18				H	DANIEL M SWARTZENTRUBER	
LEWES	532002		SUSSEX	38 46	75 8W	15	17	17					H	BOARD OF PUBLIC WORKS
NEWARE UNIVERSITY FARM	641001		NEW CASTLE	39 40	75 44W	90	17	17				17	C	UNIV OF DEL AGRIC FARM
WILMINGTON WSO ARPT	R 959501		NEW CASTLE	39 40	75 36W	79	MID	MID				C	H	NATIONAL WEATHER SERVICE

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

MARYLAND AND
DELAWARE
DECEMBER 1992

STATION	INDEX NO.	DIVISION	COUNTY	LATITUDE	LONGITUDE	ELEVATION (IN FEET)	OBSERVATION TIME AND TABLES				OBSERVER
							LOCAL STD TIME				
							TEMP	PRECIP	EVAP	SPECIAL (SEE NOTES)	
WILMINGTON PORTER RSVR	9605	01	NEW CASTLE	39 46	75 32W	270	MID	MID	H	PUBLIC WORKS	

SEE REFERENCE NOTES FOLLOWING STATION INDEX
13

REFERENCE NOTES

MARYLAND AND
DELAWARE
DECEMBER 1992

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:

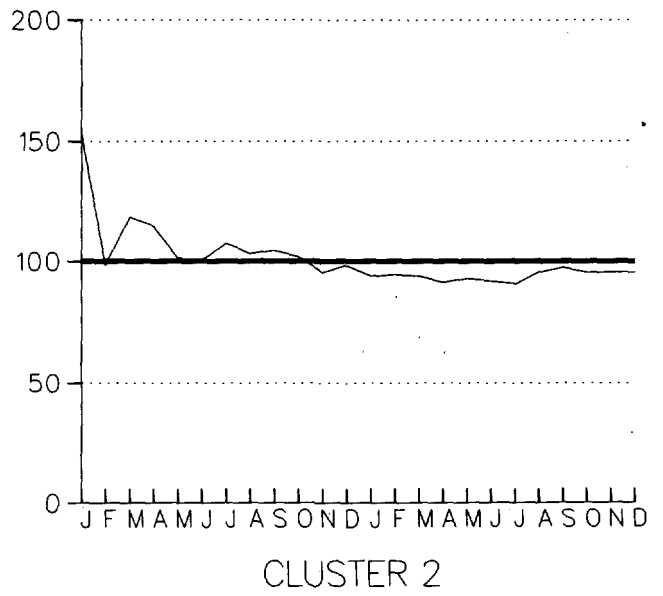
NATIONAL CLIMATIC DATA CENTER
FEDERAL BUILDING
ASHEVILLE, NC 28801-2696

USCOMM-NOAA-ASHEVILLE, N.C. DECEMBER 1992-0585

CUMULATIVE PRECIPITATION DEPARTURES FROM NORMAL (1951-1980)
 FOR THE LAST 24 MONTHS
 ENDING DECEMBER 1992
 DELAWARE

CLUSTER 1 -DIVISION(S):
 NORTHERN 01

CLUSTER 2 -DIVISION(S):
 SOUTHERN 02



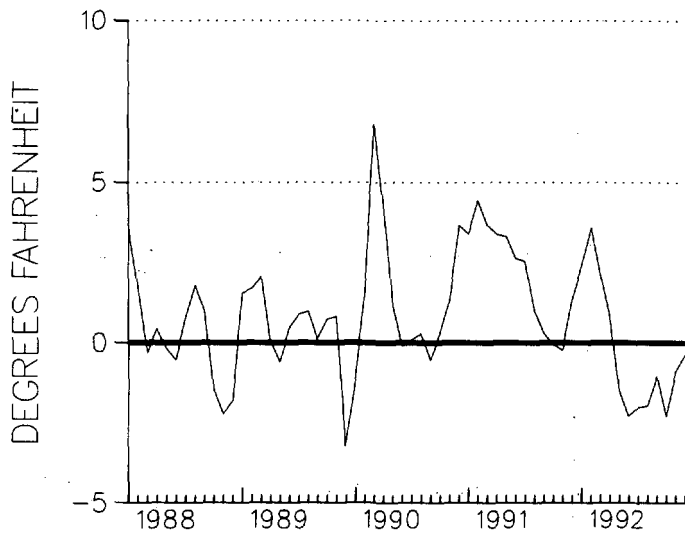
TEMPERATURE DEPARTURES FROM NORMAL (1951-1980)
 THREE MONTH RUNNING MEAN
 FOR THE 60 MONTHS ENDING WITH DECEMBER 1992 DATA
 MARYLAND

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

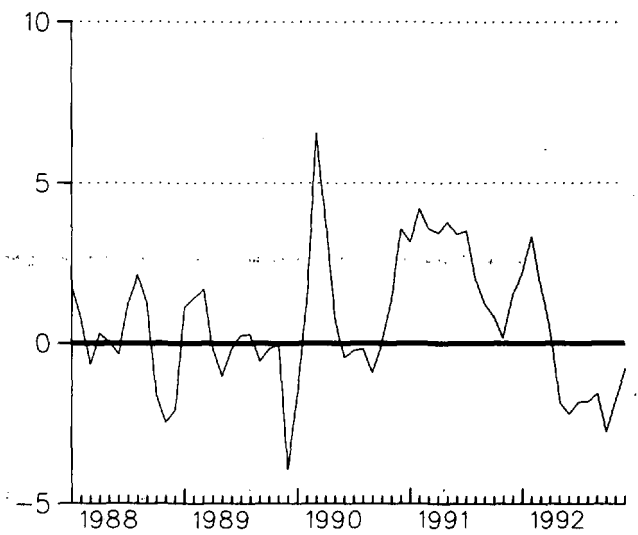
CLUSTER 2 -DIVISION(S):
 UPPER SOUTHERN 04
 NORTHERN EASTERN SHORE 05

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

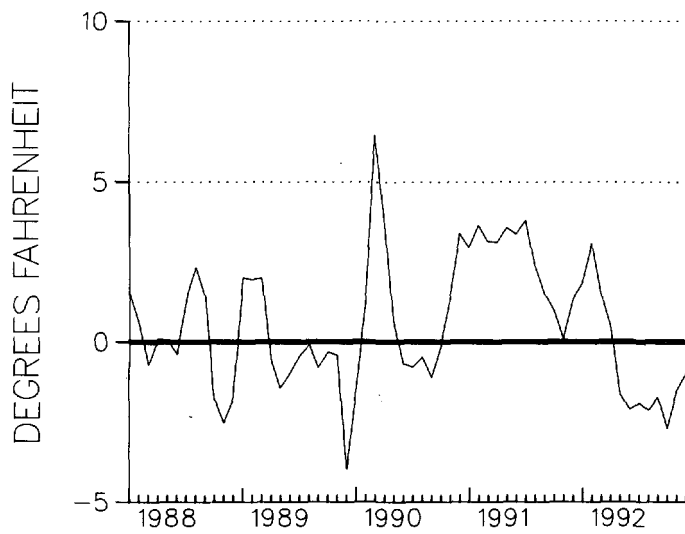
CLUSTER 4 -DIVISION(S):
 ALLEGHENY PLATEAU 08



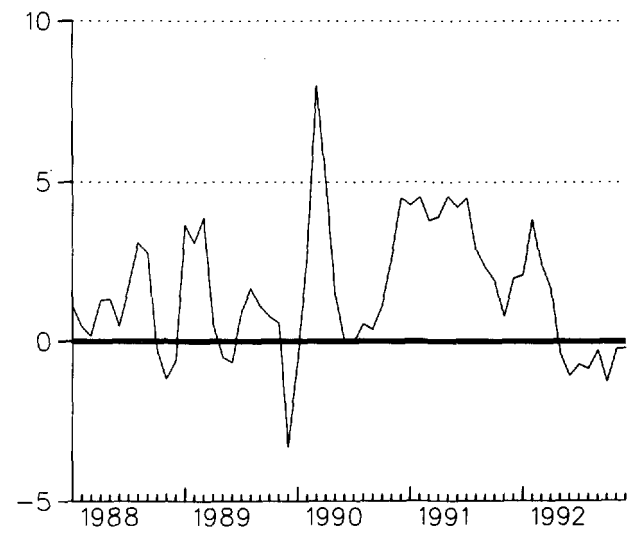
CLUSTER 1



CLUSTER 2



CLUSTER 3

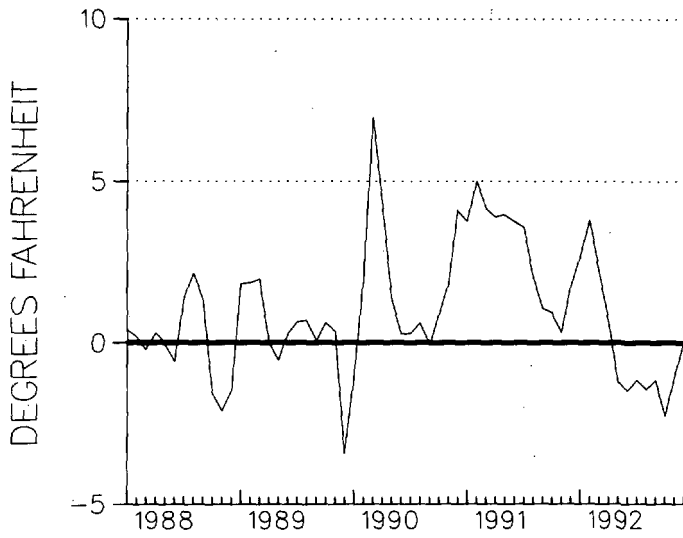


CLUSTER 4

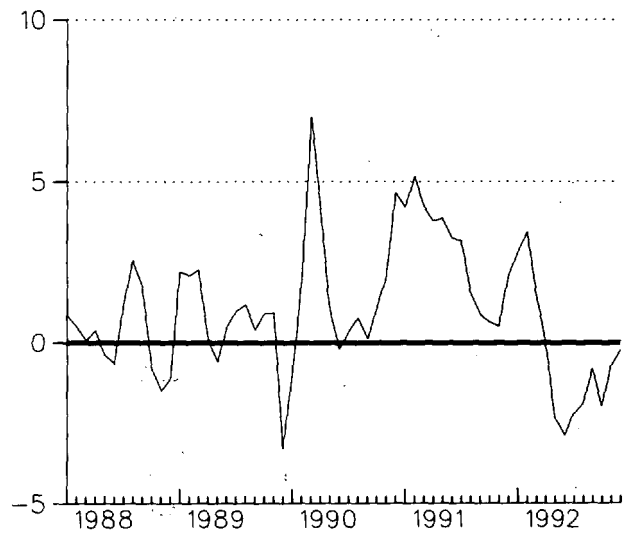
TEMPERATURE DEPARTURES FROM NORMAL (1951-1980)
THREE MONTH RUNNING MEAN
FOR THE 60 MONTHS ENDING WITH DECEMBER 1992 DATA
DELAWARE

CLUSTER 1 - DIVISION(S):
NORTHERN 01

CLUSTER 2 - DIVISION(S):
SOUTHERN 02



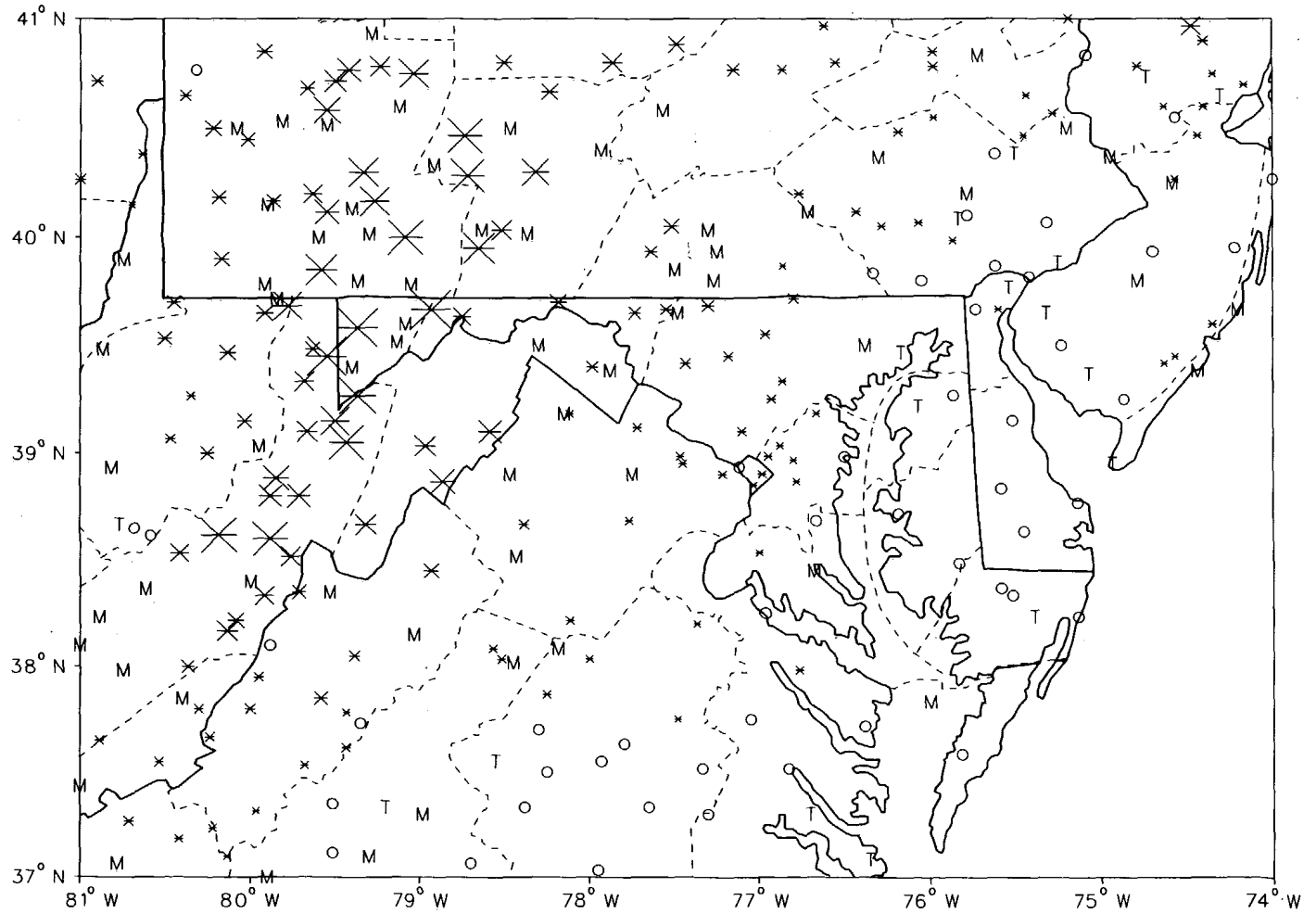
CLUSTER 1



CLUSTER 2

TOTAL MONTHLY SNOWFALL
MARYLAND & DELAWARE
DECEMBER 1992

- T TRACE SNOWFALL FOR THE MONTH
- ZERO SNOWFALL FOR THE MONTH
- M INCOMPLETE DATA FOR THE MONTH
- ***X 5,10,20...50 INCHES OR MORE TOTAL SNOWFALL



SYMBOL SIZE IS PROPORTIONAL TO TOTAL SNOWFALL ON A CONTINUOUS SCALE

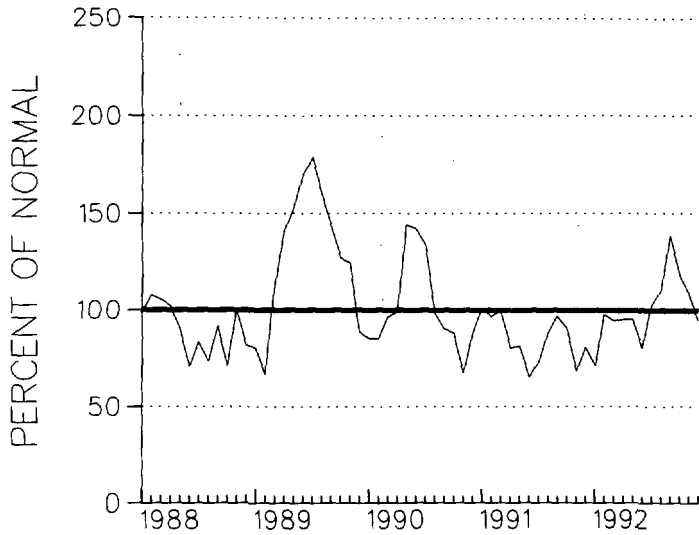
PRECIPITATION DEPARTURES FROM NORMAL (1951-1980)
 THREE MONTH RUNNING MEAN
 FOR THE 60 MONTHS ENDING WITH DECEMBER 1992 DATA
 MARYLAND

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

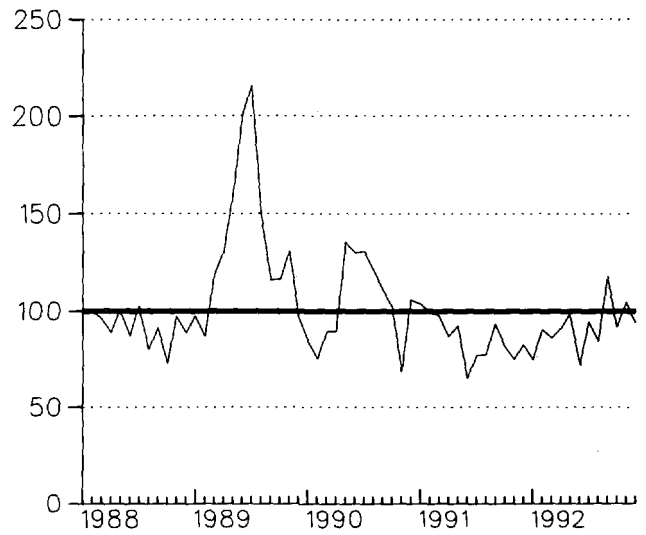
CLUSTER 2 -DIVISION(S):
 UPPER SOUTHERN 04
 NORTHERN EASTERN SHORE 05

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

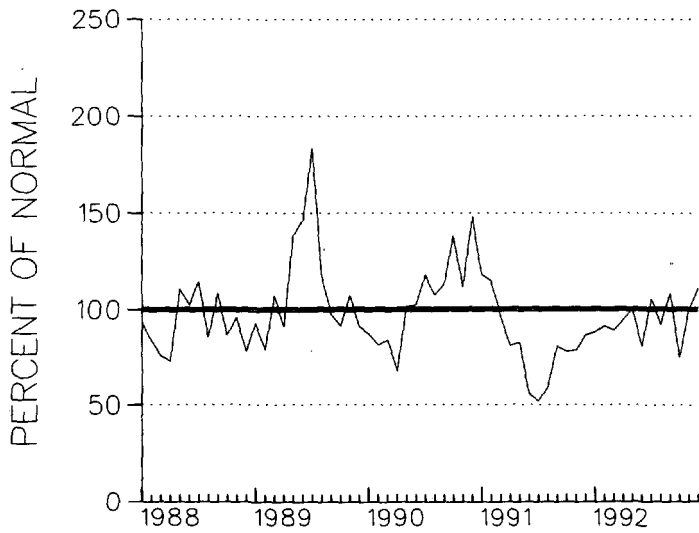
CLUSTER 4 -DIVISION(S):
 ALLEGHENY PLATEAU 08



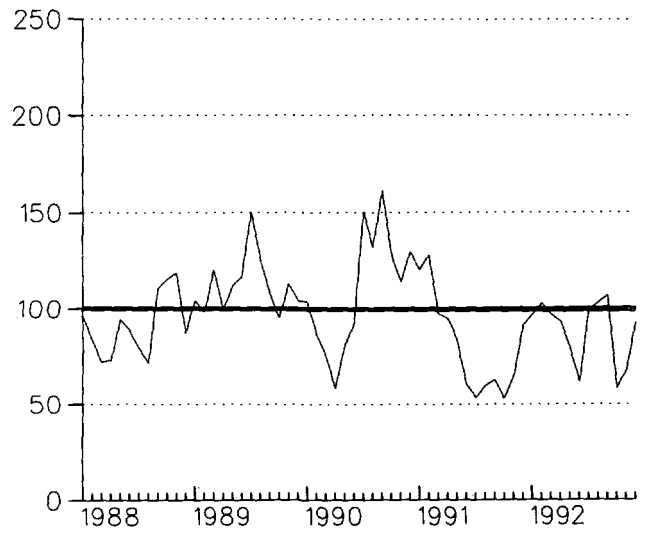
CLUSTER 1



CLUSTER 2



CLUSTER 3



CLUSTER 4

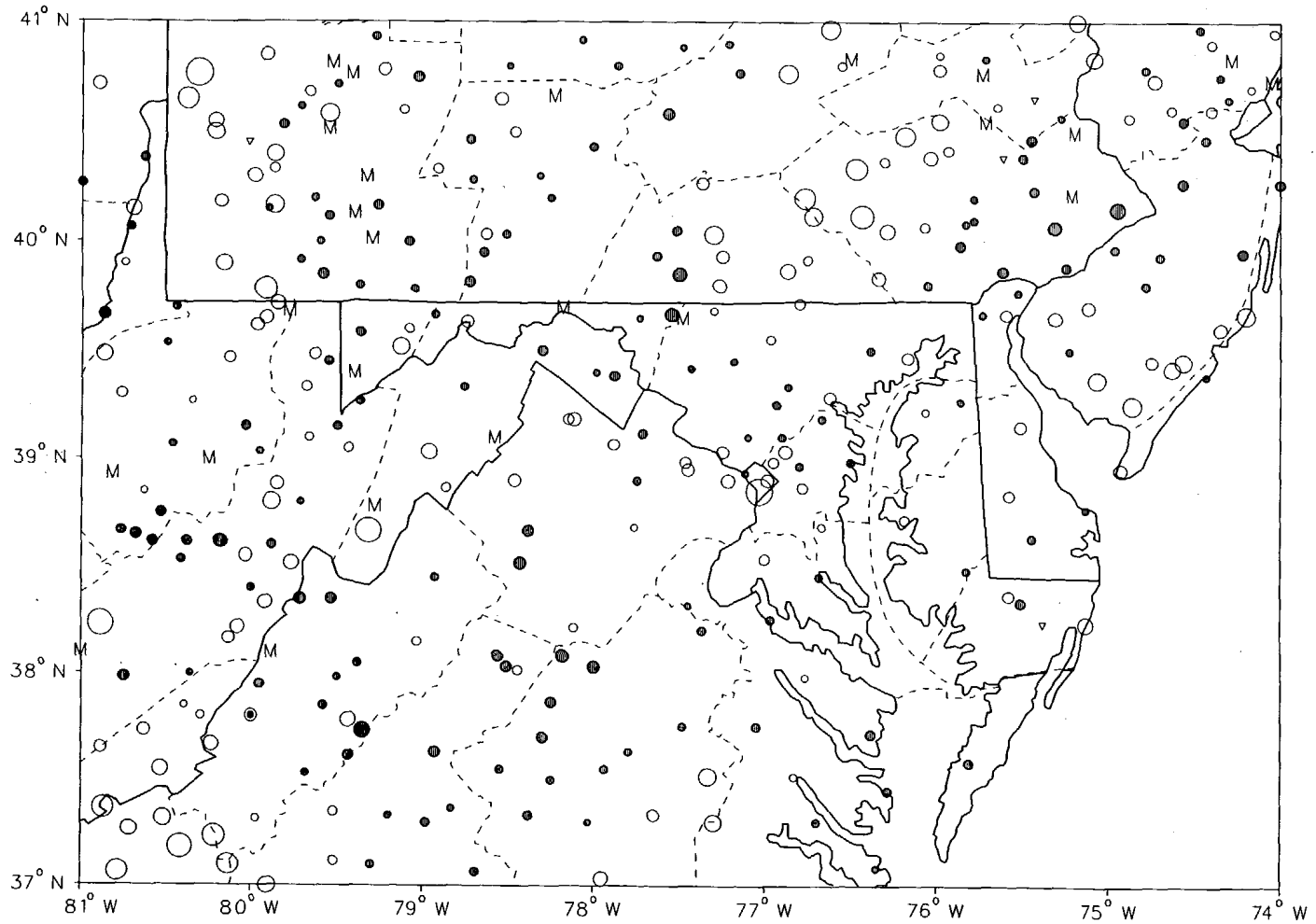
MONTHLY PRECIPITATION DEPARTURE FROM
 THE DIVISIONAL AVERAGE FOR
 DECEMBER 1992
 MARYLAND & DELAWARE

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

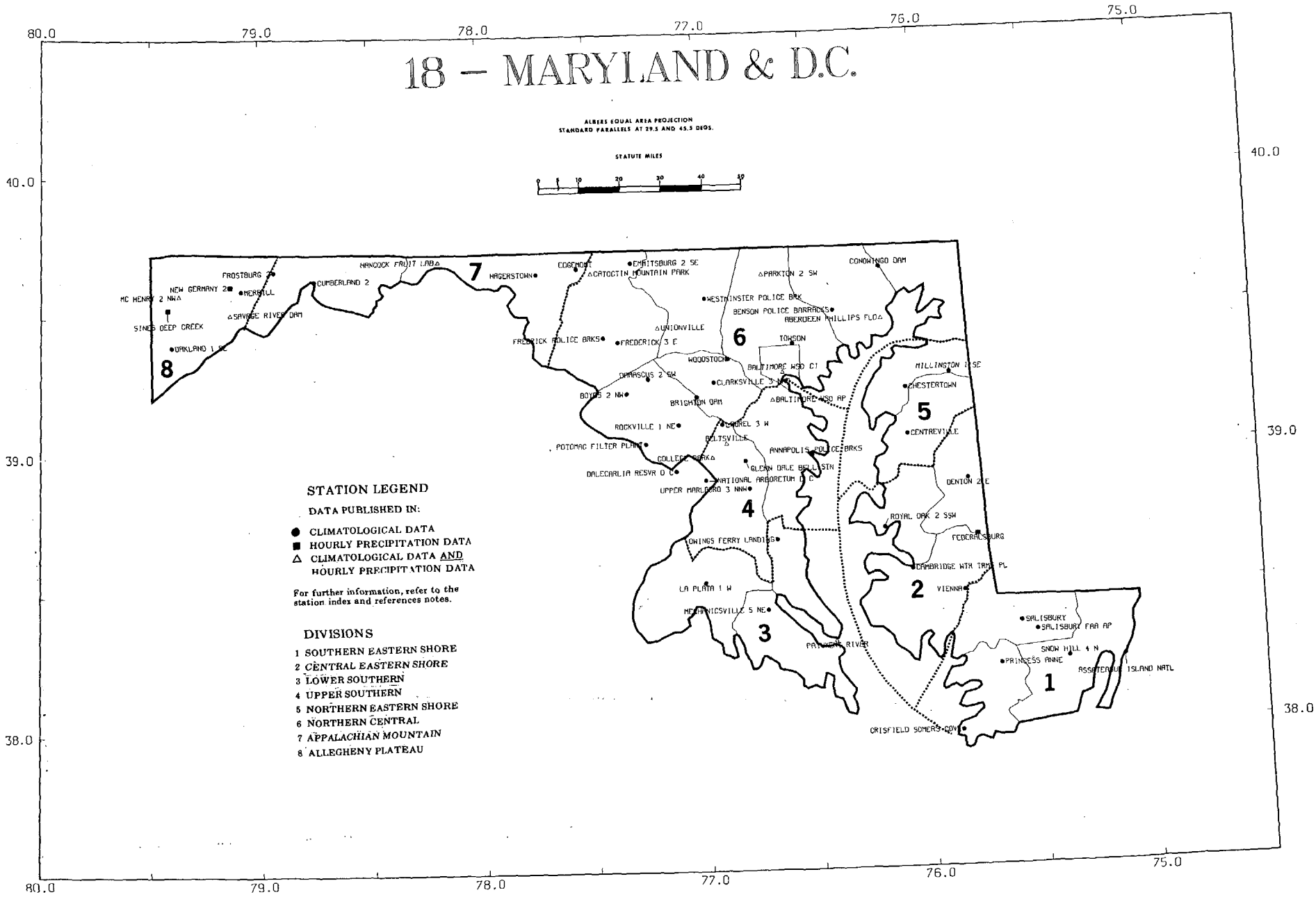
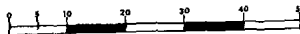


CIRCLE DIAMETER IS PROPORTIONAL TO DEPARTURE ON A CONTINUOUS SCALE

18 - MARYLAND & D.C.

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

STATUTE MILES



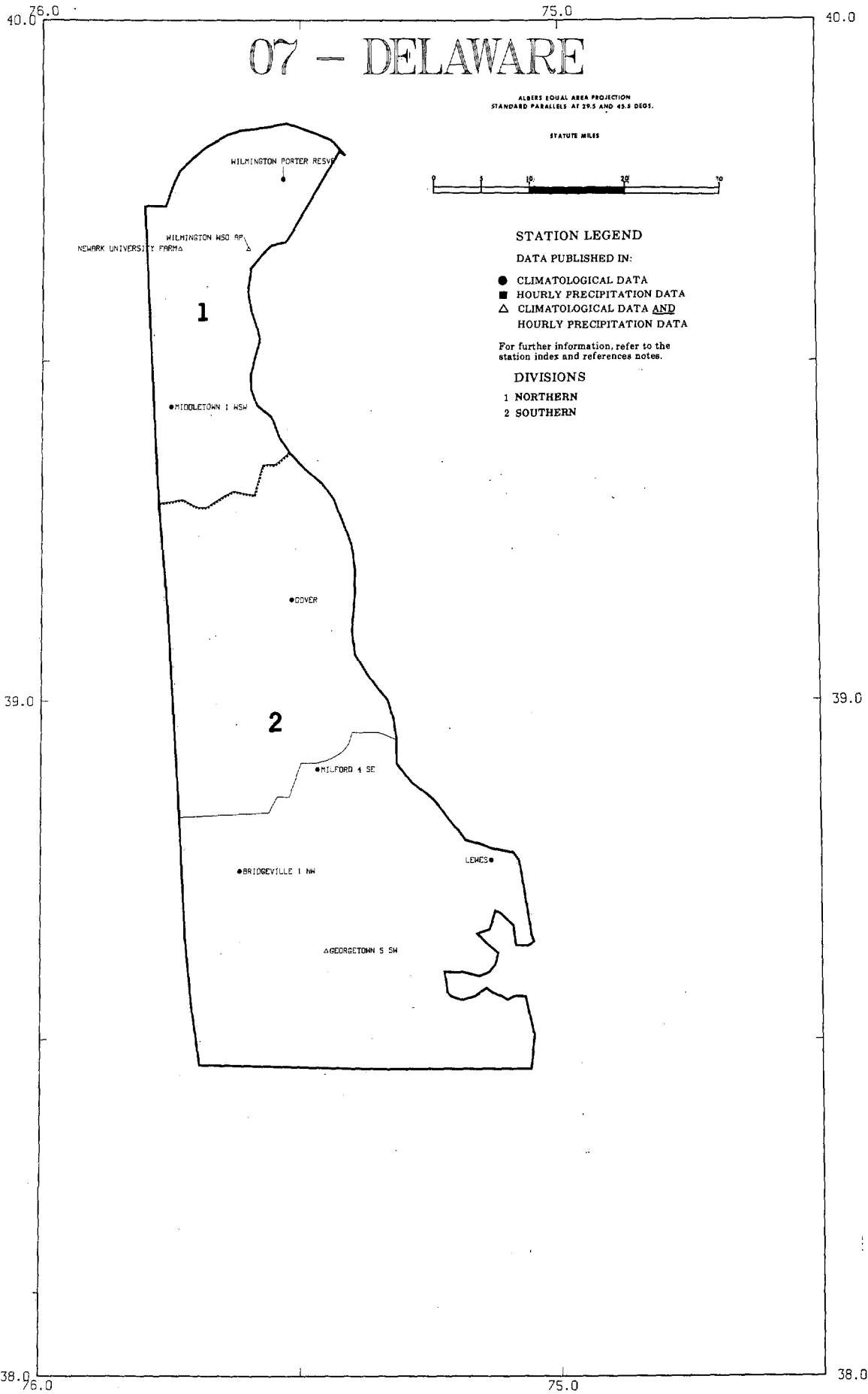
STATION LEGEND

- 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 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



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

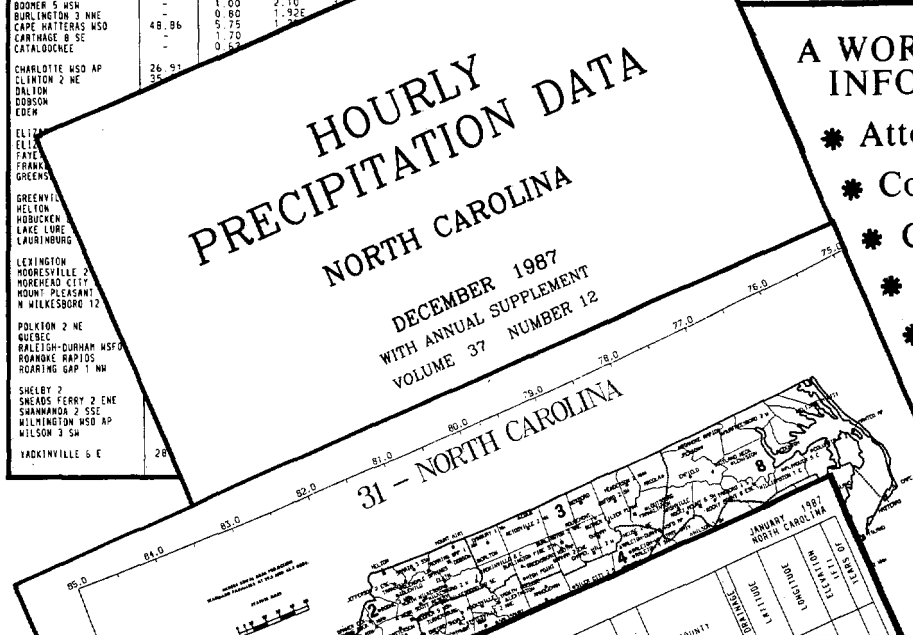
For further information, refer to the station index and references notes.

DIVISIONS

- 1 NORTHERN
- 2 SOUTHERN

MONTHLY PRECIPITATION TOTALS ANNUAL 1987
NORTH CAROLINA

STATION	ANNUAL	MONTH																
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC					
NORTH CAROLINA																		
ASHEVILLE WSO AP	34.57	1.11	1.85	2.75	0.57	3.55									4.19	5.28	4.26	
ASHEVILLE	25.67	0.71	1.57	1.81	0.53										2.77	4.15	2.94	
ASHFORD	36.74E	1.20	2.70	2.90	0.54E										3.80	4.90	4.80	
BADIN			1.30	2.60	1.20										2.40	4.10	2.30	
B EVERETT JORDAN DAM		1.70	1.50	3.60												1.70		
BOONER 5 WSH		1.00	2.10															
BURLINGTON 3 WNC		0.80	1.22E															
CAPE HATTERAS WSO	48.86	5.75																
CARTHAGE 8 SE		1.70																
CATALDOOCHEE		0.53																
CHARLOTTE WSO AP	26.91																	
CLINTON 2 NE	35.51																	
DALTON																		
DOBSON																		
EDEN																		
ELIZABETH																		
ELIZABETH																		
FRANK																		
GREENSBORO																		
GREENVILLE																		
HELTON																		
HOBOKEN																		
LAKE LURE																		
LAURINBURG																		
LEXINGTON																		
MOOREVILLE 2																		
MORRISVILLE 2																		
MOUNT PLEASANT																		
N WILKESBORO 12																		
POLKTON 2 NE																		
QUEBEC																		
RALEIGH-DURHAM WSO																		
ROANOKE RAPIDS																		
ROARING GAP 1 NW																		
SHELBY 2																		
SNEADS FERRY 2 ENE																		
SWANANON 2 SSE																		
WILMINGTON WSO AP																		
WILSON 3 SW																		
YADKINVILLE 6 E	28																	



STATION INDEX

STATION	TITLE	COUNTY	STATE	DATE	TIME	TYPE	NO. OF STATIONS
NORTH CAROLINA							
ASHEVILLE WSO AP	6200	SWAIN	NC	1974	0600	W	1
ASHEVILLE	6200	SWAIN	NC	1974	0600	W	1
ASHFORD	6200	SWAIN	NC	1974	0600	W	1
B EVERETT JORDAN DAM	6200	SWAIN	NC	1974	0600	W	1
BOONER 5 WSH	6200	SWAIN	NC	1974	0600	W	1
BURLINGTON 3 WNC	6200	SWAIN	NC	1974	0600	W	1
CAPE HATTERAS WSO	6200	SWAIN	NC	1974	0600	W	1
CARTHAGE 8 SE	6200	SWAIN	NC	1974	0600	W	1
CATALDOOCHEE	6200	SWAIN	NC	1974	0600	W	1
CHARLOTTE WSO AP	6200	SWAIN	NC	1974	0600	W	1
CLINTON 2 NE	6200	SWAIN	NC	1974	0600	W	1
DALTON	6200	SWAIN	NC	1974	0600	W	1
DOBSON	6200	SWAIN	NC	1974	0600	W	1
EDEN	6200	SWAIN	NC	1974	0600	W	1
ELIZABETH	6200	SWAIN	NC	1974	0600	W	1
ELIZABETH	6200	SWAIN	NC	1974	0600	W	1
FRANK	6200	SWAIN	NC	1974	0600	W	1
GREENSBORO	6200	SWAIN	NC	1974	0600	W	1
GREENVILLE	6200	SWAIN	NC	1974	0600	W	1
HELTON	6200	SWAIN	NC	1974	0600	W	1
HOBOKEN	6200	SWAIN	NC	1974	0600	W	1
LAKE LURE	6200	SWAIN	NC	1974	0600	W	1
LAURINBURG	6200	SWAIN	NC	1974	0600	W	1
LEXINGTON	6200	SWAIN	NC	1974	0600	W	1
MOOREVILLE 2	6200	SWAIN	NC	1974	0600	W	1
MORRISVILLE 2	6200	SWAIN	NC	1974	0600	W	1
MOUNT PLEASANT	6200	SWAIN	NC	1974	0600	W	1
N WILKESBORO 12	6200	SWAIN	NC	1974	0600	W	1
POLKTON 2 NE	6200	SWAIN	NC	1974	0600	W	1
QUEBEC	6200	SWAIN	NC	1974	0600	W	1
RALEIGH-DURHAM WSO	6200	SWAIN	NC	1974	0600	W	1
ROANOKE RAPIDS	6200	SWAIN	NC	1974	0600	W	1
ROARING GAP 1 NW	6200	SWAIN	NC	1974	0600	W	1
SHELBY 2	6200	SWAIN	NC	1974	0600	W	1
SNEADS FERRY 2 ENE	6200	SWAIN	NC	1974	0600	W	1
SWANANON 2 SSE	6200	SWAIN	NC	1974	0600	W	1
WILMINGTON WSO AP	6200	SWAIN	NC	1974	0600	W	1
WILSON 3 SW	6200	SWAIN	NC	1974	0600	W	1
YADKINVILLE 6 E	6200	SWAIN	NC	1974	0600	W	1

MONTHLY PRECIPITATION PERIODS OF MAXIMA FOR MEASUREMENT PERIODS OF HOURS

STATION	MINUTES				
	15	30	45	1	2
NORTH CAROLINA					
ASHEVILLE WSO AP	10 20/11/45	10 20/11/45	10 20/11/45	10 20/11/45	10 20/11/45
ASHEVILLE	10 20/11/45	10 20/11/45	10 20/11/45	10 20/11/45	10 20/11/45
ASHFORD	10 20/11/45	10 20/11/45	10 20/11/45	10 20/11/45	10 20/11/45
B EVERETT JORDAN DAM	10 20/11/45	10 20/11/45	10 20/11/45	10 20/11/45	10 20/11/45
BOONER 5 WSH	10 20/11/45	10 20/11/45	10 20/11/45	10 20/11/45	10 20/11/45
BURLINGTON 3 WNC	10 20/11/45	10 20/11/45	10 20/11/45	10 20/11/45	10 20/11/45
CAPE HATTERAS WSO	10 20/11/45	10 20/11/45	10 20/11/45	10 20/11/45	10 20/11/45
CARTHAGE 8 SE	10 20/11/45	10 20/11/45	10 20/11/45	10 20/11/45	10 20/11/45
CATALDOOCHEE	10 20/11/45	10 20/11/45	10 20/11/45	10 20/11/45	10 20/11/45
CHARLOTTE WSO AP	10 20/11/45	10 20/11/45	10 20/11/45	10 20/11/45	10 20/11/45
CLINTON 2 NE	10 20/11/45	10 20/11/45	10 20/11/45	10 20/11/45	10 20/11/45
DALTON	10 20/11/45	10 20/11/45	10 20/11/45	10 20/11/45	10 20/11/45
DOBSON	10 20/11/45	10 20/11/45	10 20/11/45	10 20/11/45	10 20/11/45
EDEN	10 20/11/45	10 20/11/45	10 20/11/45	10 20/11/45	10 20/11/45
ELIZABETH	10 20/11/45	10 20/11/45	10 20/11/45	10 20/11/45	10 20/11/45
ELIZABETH	10 20/11/45	10 20/11/45	10 20/11/45	10 20/11/45	10 20/11/45
FRANK	10 20/11/45	10 20/11/45	10 20/11/45	10 20/11/45	10 20/11/45
GREENSBORO	10 20/11/45	10 20/11/45	10 20/11/45	10 20/11/45	10 20/11/45
GREENVILLE	10 20/11/45	10 20/11/45	10 20/11/45	10 20/11/45	10 20/11/45
HELTON	10 20/11/45	10 20/11/45	10 20/11/45	10 20/11/45	10 20/11/45
HOBOKEN	10 20/11/45	10 20/11/45	10 20/11/45	10 20/11/45	10 20/11/45
LAKE LURE	10 20/11/45	10 20/11/45	10 20/11/45	10 20/11/45	10 20/11/45
LAURINBURG	10 20/11/45	10 20/11/45	10 20/11/45	10 20/11/45	10 20/11/45
LEXINGTON	10 20/11/45	10 20/11/45	10 20/11/45	10 20/11/45	10 20/11/45
MOOREVILLE 2	10 20/11/45	10 20/11/45	10 20/11/45	10 20/11/45	10 20/11/45
MORRISVILLE 2	10 20/11/45	10 20/11/45	10 20/11/45	10 20/11/45	10 20/11/45
MOUNT PLEASANT	10 20/11/45	10 20/11/45	10 20/11/45	10 20/11/45	10 20/11/45
N WILKESBORO 12	10 20/11/45	10 20/11/45	10 20/11/45	10 20/11/45	10 20/11/45
POLKTON 2 NE	10 20/11/45	10 20/11/45	10 20/11/45	10 20/11/45	10 20/11/45
QUEBEC	10 20/11/45	10 20/11/45	10 20/11/45	10 20/11/45	10 20/11/45
RALEIGH-DURHAM WSO	10 20/11/45	10 20/11/45	10 20/11/45	10 20/11/45	10 20/11/45
ROANOKE RAPIDS	10 20/11/45	10 20/11/45	10 20/11/45	10 20/11/45	10 20/11/45
ROARING GAP 1 NW	10 20/11/45	10 20/11/45	10 20/11/45	10 20/11/45	10 20/11/45
SHELBY 2	10 20/11/45	10 20/11/45	10 20/11/45	10 20/11/45	10 20/11/45
SNEADS FERRY 2 ENE	10 20/11/45	10 20/11/45	10 20/11/45	10 20/11/45	10 20/11/45
SWANANON 2 SSE	10 20/11/45	10 20/11/45	10 20/11/45	10 20/11/45	10 20/11/45
WILMINGTON WSO AP	10 20/11/45	10 20/11/45	10 20/11/45	10 20/11/45	10 20/11/45
WILSON 3 SW	10 20/11/45	10 20/11/45	10 20/11/45	10 20/11/45	10 20/11/45
YADKINVILLE 6 E	10 20/11/45	10 20/11/45	10 20/11/45	10 20/11/45	10 20/11/45

HOURLY PRECIPITATION

STATION	A.M. HOUR ENDING											
	1	2	3	4	5	6	7	8	9	10	11	12
NORTH CAROLINA												
ASHEVILLE WSO AP	01	01	01	01	01	01	01	01	01	01	01	01
ASHEVILLE	01	01	01	01	01	01	01	01	01	01	01	01
ASHFORD	01	01	01	01	01	01	01	01	01	01	01	01
B EVERETT JORDAN DAM	01	01	01	01	01	01	01	01	01	01	01	01
BOONER 5 WSH	01	01	01	01	01	01	01	01	01	01	01	01
BURLINGTON 3 WNC	01	01	01	01	01	01	01	01	01	01	01	01
CAPE HATTERAS WSO	01	01	01	01								

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VALIDATED BY:

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Steve DelGreco

Rudy Kittel

Joyce Morgan

Tim Owen

Beulah Taylor

Grant Goodge - Chief

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