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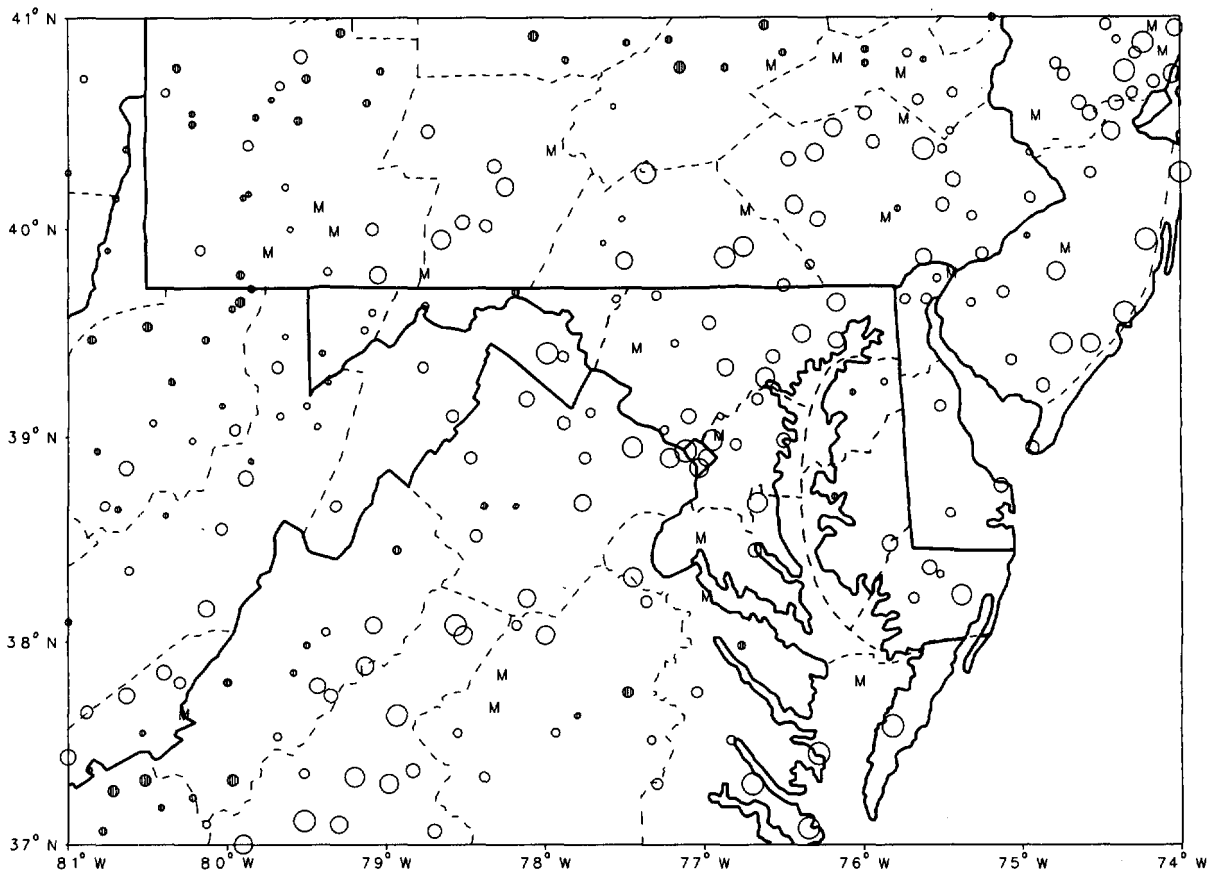
CLIMATOLOGICAL DATA MARYLAND AND DELAWARE

APRIL 1994

VOLUME 98 NUMBER 4

MONTHLY PRECIPITATION DEPARTURE FROM INDIVIDUAL STATION NORMALS (1961-1990)

- 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. Walden

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
APRIL 1994

MARYLAND
 HIGHEST TEMPERATURE 94
 LOWEST TEMPERATURE 18
 GREATEST TOTAL PRECIPITATION 4.75
 LEAST TOTAL PRECIPITATION 1.59
 GREATEST 1 DAY PRECIPITATION 1.45
 GREATEST TOTAL SNOWFALL .3

DELAWARE
 HIGHEST TEMPERATURE 90
 LOWEST TEMPERATURE 29
 GREATEST TOTAL PRECIPITATION 4.38
 LEAST TOTAL PRECIPITATION 2.62
 GREATEST 1 DAY PRECIPITATION 1.36

APRIL 27
 APRIL 8

APRIL 13

APRIL 27
 APRIL 8

APRIL 13

BALTIMORE CITY R
 OAKLAND 1 SE
 OAKLAND 1 SE
 ASSATEAGUE IS NATL SEA
 SALISBURY FAA ARPT
 FROSTBURG 2

LEWES
 NEWARK UNIVERSITY FARM
 GREENWOOD 2 NE
 LEWES
 WILMINGTON PORTER RSVR

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

MARYLAND AND
DELAWARE
APRIL 1994

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
MARYLAND																							
SOUTHERN EASTERN SHORE 01																							
ASSATEAGUE IS NATL SEA	62.4	48.3	55.4		82.25		39.5		286	7	0	0	0	1.59		.64	14		M	M	4	2	0
PRINCESS ANNE	74.0	49.9	59.0	5.0	87.27+		20.9		209	2	0	0	0	2.77	-1.50	1.00	19+				4	2	0
SALISBURY	73.4	49.7	59.6	5.5	87.26		33.9		209	2	0	0	0	2.37	-1.93	.90	1				6	1	0
SALISBURY FAA ARPT	72.2	46.9	59.9	6.9	88.26		28.9		209	4	0	0	0	3.00	-1.20	1.45	13				6	1	1
SNOW HILL 4 N	73.2	47.1	60.2	6.3	88.26+		28.9		191	5	0	0	4	1.78	-1.43	1.06	13				4	1	1
--DIVISIONAL DATA-->																							
			59.2	5.0										2.30	-.87								
CENTRAL EASTERN SHORE 02																							
ROYAL CAK 2 SSW	71.1	50.0	60.6	5.7	86.27		37.23		166	42	0	0	0	3.62	-.20	.68	1				7	4	0
VIENNA	73.2	48.3	60.8	5.4	85.26+		34.9		163	47	0	0	0	2.36	-1.03	.66	1				7	2	0
--DIVISIONAL DATA-->																							
			60.7	5.9										2.99	-.36								
LOWER SOUTHERN 03																							
MECHANICSVILLE 5 NE	73.3	47.8	60.6	6.2	89.27		30.9		172	46	0	0	4	2.60	-.81	.48	7				8	0	0
OWINGS FERRY LANDING	73.8	47.0	60.4	5.8	89.27		33.9+		166	38	0	0	0	1.78	-1.43	.41	7				6	0	0
--DIVISIONAL DATA-->																							
			60.5	5.6										2.19	-1.00								
UPPER SOUTHERN 04																							
ANNAPOLIS POLICE BRKS	71.0	51.2	61.1	6.3	88.25		38.8+		165	50	0	0	0	2.54	-.86	.52	13				9	1	0
BALTIMORE WSO ARPT	71.0	48.2	59.6	6.2	92.27		33.8		190	38	1	0	0	2.53	-.56	.89	13		T	T	6	2	0
COLLEGE PARK	72.5	47.8	60.2	6.2	91.28		32.8		188	22	2	0	1	1.80	-1.46	.66	7				7	1	0
DALECARLIA RESERVOIR	76.2	46.5	61.4	6.4	89.26		30.2		162	58	2	0	2	1.75	-1.75	.47	7				6	0	0
GLENN DALE BELL STN	75.7	43.8	59.8	6.2	93.27		23.8		204	53	4	0	5	2.84	-.59	.62	7				8	2	0
LAUREL 3 W	72.5	49.3	60.9	6.9	91.27		33.8		165	50	1	0	0	3.24	-.17	.76	13				8	4	0
NATIONAL ARBORETUM DC	72.3	46.7	59.5	5.5	91.28		34.9		204	44	1	0	0	2.12	-1.15	.69	7				6	1	0
--DIVISIONAL DATA-->																							
			60.4	6.5										2.40	-.92								
NORTHERN EASTERN SHORE 05																							
CHESTERTOWN	71.5	46.5	59.0	5.6	90.27		31.8		204	34	1	0	1	3.43	-.19	1.18	13				7	2	1
MILLINGTON 1 SE	71.3	46.2	58.8	6.4	87.28+		31.9+		211	30	0	0	2	3.23	-.10	.54	16				8	1	0
--DIVISIONAL DATA-->																							
			58.9	5.5										3.33	.05								
NORTHERN CENTRAL 06																							
ABERDEEN PHILLIPS FIEL					85.26+		33.8+				0	0	0	2.33	-1.23						4	0	0
BALTIMORE CITY	73.4	53.2	63.3	6.7	94.27		38.8		115	72	2	0	0	1.89	-1.35	.70	13		M	M	5	1	0
BENSON POLICE BARRACKS	73.4	48.5	61.0	8.1	90.25		33.8		165	55	1	0	0	2.45	-1.54	.64	14				7	1	0
CATOCTIN MOUNTAIN PARK	70.0	45.0	57.5		86.26+		25.8		250	33	0	0	2	2.91		.80	13				7	2	0
CONOWINGO DAM	70.8	47.7	59.3	7.9	90.25		31.18		221	52	1	0	2	2.30	-1.46	.86	14				5	3	0
DAMASCUS 2 SSW	69.0	43.7	56.4		86.26		24.8		269	15	0	0	1	2.31		1.01	7				6	1	1
EMMITSBURG 2 SE	67.7	40.0	53.9	2.4	83.27		25.8		332	6	0	0	5	3.30	-.47	.65	11				9	3	0
FREDERICK POLICE BRKS	73.4	48.2	60.8		90.27		30.8		180	62	1	0	1	2.68		.55	13				8	1	0
FREDERICK GAS PLANT																							
MILLERS 4 NE	68.7	45.2	57.0		84.27		29.8		258	24	0	0	2	2.79		.96	13		M	M	5	3	0
ROCKVILLE 1 NE	71.7	48.2	60.0	7.6	89.27		30.8		188	45	0	0	1	2.26	-.93	.71	13				6	1	0
TOWSON	72.3	52.2	62.3	8.8	89.27		38.8+		146	61	0	0	0	2.84	-.97	1.00	13				8	1	1
UNIONVILLE	72.5	39.1	55.8	7.0	88.27+		21.8		277	8	0	0	1	3.05	-.24	1.00	13				7	1	1
WESTMINSTER POL BRKS	71.8	46.4	59.1	7.2	87.27+		27.8		208	41	0	0	2	2.64	-.83	.67	7				7	2	0
WOODSTOCK	73.4	44.8	59.1	6.5	90.27		29.8		210	40	1	0	5	2.32	-1.18	.46	13				9	0	0

SEE REFERENCE NOTES FOLLOWING STATION INDEX

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

MARYLAND AND
DELAWARE
APRIL 1994

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 SLLET			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	
	MAX	M	N																						
--DIVISIONAL DATA-->			58.9	6.3									2.58	-.95				.0							
APPALACHIAN MOUNTAIN 07																									
CUMBERLAND 2	73.3	42.7	58.0	4.4	89	26+	27	8+	240	36	0	0	4	0	3.01	-.18	1.04	13	.0	0			6	2	1
FROSTBURG 2	62.8	39.2	51.0		82	27	23	9+	249	28	0	0	7	0	3.31		.92	11	.3	0			6	2	0
HANCOCK	72.5	38.9	55.7	5.3	90	26	25	7	244	20	1	0	10	0	3.95	.72	1.18	30	.0	0			8	3	1
--DIVISIONAL DATA-->			54.9	3.4									3.42	-.02				.1							
ALLEGHENY PLATEAU 08																									
OAKLAND 1 SE	66.9	38.7	52.8	6.1	81	26+	18	8	360	1	0	0	10	0	4.75	.41	1.40	10	.0	0			8	3	2
SAVAGE RIVER DAM	67.1	37.9	52.5	4.8	84	27	23	9	375	6	0	0	8	0	3.20	-.21	.96	11	.0	0			7	2	0
--DIVISIONAL DATA-->			52.7	5.9									3.98	-.09				.0							
DELAWARE																									
NORTHERN 01																									
NEWARK UNIVERSITY FARM	71.7	44.2	58.0	5.4	88	27	29	8	230	24	0	0	4	0	2.97	-.52	.55	30	.0	0			9	1	0
WILMINGTON WSO ARPT	69.7	47.1	58.4	6.2	89	27	31	8	223	32	0	0	1	0	2.85	-.54	.89	13	.0	0			7	2	0
WILMINGTON PORTER RSVR	67.7	47.5	57.6	6.1	85	25	34	8	234	21	0	0	0	0	3.69	-.32	1.36	13	.0	0			7	2	1
--DIVISIONAL DATA-->			58.0	5.8									3.17	-.40				.0							
SOUTHERN 02																									
DOVER	70.6	47.5	59.1	5.0	88	28+	34	9	207	35	0	0	0	0	2.85	-.65	.62	13	.0	0			8	2	0
GEORGETOWN 5 SW	69.8	44.7	57.3	5.0	87	27	30	9	258	33	0	0	1	0	2.99	-.45	1.30	14	.0	0			3	2	1
GREENWOOD 2 NE	70.1	46.6	58.4		86	26	31	9	221	28	0	0	1	0	4.38		1.21	6	.0	0			7	4	1
LEWES	71.3	49.0	60.2	6.9	90	27	34	9	179	41	1	0	0	0	2.62	-.94	.93	1	.0	0			6	2	0
--DIVISIONAL DATA-->			58.8	5.4									3.21	-.27				.0							

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION (INCHES)

MARYLAND AND
DELAWARE
APRIL 1994

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	1.59	.57				.02	.16							.64		.04																			.16
PRINCESS ANNE	2.77	1.02				.23	.39						1.02																				.03	.08	
SALISBURY	2.37	.90		T	T	.19	.33						.44	.13		.02																.05	.01		
SALISBURY FAA ARPT	3.00	.31		T	T	.27	.41			T	T		1.45			.11																.42	.30	T	T
SNOW HILL 4 N	1.78	.08		T	T	.06	.35				T	T	1.06	.11		.01																		T	T
CENTRAL EASTERN SHORE 02																																			
ROYAL OAK 2 SSW	3.62	.68			.01	.30	.59				.01	.03	T	.53	.07		.42																.32	.66	
VIENNA	2.36	.66	.03			.02	.22	.20						.57	.42		.10																.14		
LOWER SOUTHERN 03																																			
MECHANICSVILLE 5 NE	2.60	.33			.03	.33	.48				T	T		.46	.04		.35																.12	.27	
OWINGS FERRY LANDING	1.78	.40			.01	.21	.41					.06		.29	T		.18															.13	.08		
UPPER SOUTHERN 04																																			
ANNAPOLIS POLICE BRKS	2.54	.34			.04	.14	.37				.21			.52	.05	.45		.12															.15		
BALTIMORE WSO ARPT	R 2.53	.02			.02	.06	.55				.23	.01		.89		.12		T														.06	.28		
COLLEGE PARK	1.80	.21	*	*	.05	.04	.66					.21		.13		.13																T	.14	.23	
DALECARLIA RESERVOIR	1.75	.12			.06	.14	.47				.23	.07		.35		.27																	.04		
GLENN DALE BELL STN	2.84	.38			.05	.14	.62				.22	.12		.40		.57																	.01	.35	
LAUREL 3 W	3.24	.01		.01	.15	.17	.63				.55			.76		.18																.05	.60	.13	
NATIONAL ARBORETUM DC NORTHERN EASTERN SHORE 05																																			
CHESTERTOWN	3.43	.01		T	.04	.20	.63				.38	T	T	1.18		.41		T															.37	.21	
MILLINGTON 1 SE	3.23	.22			.03	.19	.43				.36	.02	T	.43	.49	.54																	.42	.05	
NORTHERN CENTRAL 06																																			
ABERDEEN PHILLIPS FIEL	2.33		*	*	.02	.14	.30				*	*	.26	T	.29	.43		*	*	.45												*	.44		
BALTIMORE CITY	R 1.89	.01		.01	.05	.07	.42				.20	.01		.70		.08		*	*													.10	.22	.02	
BENSON POLICE BARRACKS	2.45	.03			.04	.17	.43				.34	.11	.04	.46	.64	.07																	.11	.01	
CATOCTIN MOUNTAIN PARK	2.91			T	.05	.02	.62				.24	.16	.05	.80	.33	.30								.02								.30			
CONOWINGO DAM	2.30				.06		.55				.51	.03		.86	.17																				
DAMASCUS 2 SSW	2.31			T	.10	.16	1.01				.27	T			.41																	.36	.01	.11	
EMMITSBURG 2 SE	3.30			T		.10	.60				.25	.65	T	.55	.45		.45															.15		.10	
FREDERICK POLICE BRKS FREDERICK GAS PLANT MILLERS 4 NE POTOMAC FILTER PLANT ROCKVILLE 1 NE																																			
FREDERICK POLICE BRKS	2.68			T	.05	.10	.42				.11	.20	.04	.55	.35		.49																.37		
FREDERICK GAS PLANT	M																																		
MILLERS 4 NE	2.79	T		T	.05	.05	.51				.56	.03	.02	.96		.31		T														.22	.08		
POTOMAC FILTER PLANT	2.71				.05	.02	.37				.11	.02	.60			.87																.06	.15	.42	
ROCKVILLE 1 NE	2.26			.02	.03	.04	.31				.27	.01		.71		.32																.08	.08	.01	.20
TOWSON UNIONVILLE WESTMINSTER POL BRKS WOODSTOCK																																			
TOWSON	2.84		.05	*	.05	.07	.20				.01	.21	.17	.02	.38	.15	*	.15	.19														.09	.10	
UNIONVILLE	3.05			T	.17	.10	.43				.39	.04	.08	1.00		.40																	.43	.01	
WESTMINSTER POL BRKS	2.64				.04	.08	.67				.20	.08	.13	.58	.32	.37																	.13		
WOODSTOCK	2.32				.10	.10	.40				.28	.13	.02	.46	.33	.27																.20		.03	
APPALACHIAN MOUNTAIN CUMBERLAND 2																																			
CUMBERLAND 2	3.01	.03					.03					.80	.22	1.04	.35	.30																.15	.09		
EDGE MONT FROSTBURG 2 HANCOCK																																			
EDGE MONT	3.38				.06	T	.69					.54	.10	.14	.72	.27	.03																.03	.73	
FROSTBURG 2	3.31	.05		T	T	T	.09	T			T	.92	.31	.48	.89	.29																	.01	.21	
HANCOCK	3.95			T	*	*	.28				.57	.17	.39	.70		.39																.03	.13	.11	1.18
ALLEGHENY PLATEAU 08																																			
MERRILL	3.49	.05					.15				.20	1.16	.26	1.00	.27	.40																			
OAKLAND 1 SE	4.75	T		T	.10	.07	.31				1.40	.03	.36	1.25		.67																.24	.02	.27	
SAVAGE RIVER DAM	3.20	.05		.01	T		.10				.17	.96	.23	.86	.46	.34																	.02	T	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION (INCHES)

MARYLAND AND
DELAWARE
APRIL 1994

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	
DELAWARE																																	
NORTHERN 01																																	
NEWARK UNIVERSITY FARM	2.97	.02					.12	.23			.41	.12		.45	.47		.30														.30		
WILMINGTON WSO ARPT R	2.85	T		T	.03		.14	.22			.42	T	.01	.89		.28														.16		.70	
WILMINGTON PORTER RSVR	3.69	.02		T	.04		.18	.36			.63		.04	1.36	.03	.32	.02			T									.32		.37		
SOUTHERN 02																																	
DOVER	2.85	.56			.04		.17	.42			.14	.09	T	.62	.40	.29															.12		
GEORGETOWN 5 SW	2.99	.98			.02		.03	.44				.02	.04	.05	1.30	.05															.04		
GREENWOOD 2 NE	4.38	.96					1.21	.35			.03		T	.81	.64	.25														.11	.02		
LENES	2.62	.93			T		.11	.19					.02	.43	.68	.06															.20		

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

MARYLAND AND
DELAWARE
APRIL 1994

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 IS NATL SEA	07	MAX MIN	60 41	55 41	57 48	56 41	54 39	57 51	57 46	51 41	57 42	62 52	58 48	53 48	58 51	65 50	64 54	61 48	63 48	69 48	66 54	64 46	70 47	56 40	57 42	68 49	82 59	68 54	68 57	78 53	68 53	70 59		62.4 48.3	
PRINCESS ANNE	17	MAX MIN OBS	58 40 40	72 43 43	71 47 23	72 45	69 28	69 49	67 43	65 38	66 20	75 53	71 48	63 45	67 44	75 46	81 52	76 45	78 40	69 35	83 51	83 42	71 41	68 40	63 29	77 39	84 45	87 48	87 59	84 56	85 48	85 58		74.0 43.9	
SALISBURY	17	MAX MIN	58 44	70 39	71 51	70 47	71 36	71 53	67 50	59 36	67 33	75 56	72 52	60 49	69 53	76 51	84 61	76 55	70 47	69 46	84 55	82 63	71 48	66 44	63 37	75 39	84 53	87 50	85 66	84 62	85 53	80 63		73.4 49.7	
SALISBURY FAA ARPT	MID	MAX MIN	58 41	69 36	74 51	61 38	71 32	66 54	67 43	57 34	66 28	75 60	64 49	58 49	72 57	76 51	84 53	73 41	71 39	84 57	73 48	67 47	62 36	63 35	77 41	86 53	88 52	86 64	82 52	85 50	81 62		72.2 46.9		
SNOW HILL 4 N	17	MAX MIN OBS	58 44	69 35	71 48	65 49	69 31	68 50	64 51	57 32	65 28	75 43	73 49	57 50	65 51	77 48	84 52	74 55	71 41	71 38	84 54	82 61	75 44	69 44	61 32	78 42	88 53	88 51	87 64	86 61	83 53	83 60		73.2 47.1	
CENTRAL EASTERN SHORE	02																																		
ROYAL OAK 2 SSW	18	MAX MIN	58 43	67 38	72 51	67 45	67 40	66 56	66 47	53 38	64 38	68 57	69 49	59 48	69 51	73 48	81 56	74 53	70 52	70 43	81 58	79 61	70 46	65 47	62 37	77 52	85 54	84 56	86 63	77 60	78 53	75 60		71.1 50.0	
VIENNA	18	MAX MIN OBS	59 42	67 38	68 50	68 45	69 44	66 55	66 43	60 35	65 34	71 55	70 49	65 46	71 47	75 48	81 58	81 51	72 48	72 47	85 56	84 60	75 44	70 43	72 37	78 37	82 56	85 54	79 59	84 60	83 52	82 57		73.2 48.3	
LOWER SOUTHERN	03																																		
MECHANICSVILLE 5 NE	19	MAX MIN	61 41	72 32	76 50	69 43	73 33	68 56	65 48	55 32	69 30	75 53	72 51	63 49	75 53	79 46	86 57	75 53	72 43	73 41	84 56	79 62	69 41	59 42	63 32	80 46	86 51	83 56	89 64	78 59	76 53	75 60		73.3 47.8	
OWINGS FERRY LANDING	17	MAX MIN	60 42	71 33	74 49	73 42	73 35	72 55	67 46	54 33	67 33	72 54	71 47	61 48	74 51	78 45	84 54	83 52	71 41	73 42	83 56	82 59	73 44	68 43	64 35	81 42	86 49	83 55	89 61	76 56	76 52	76 57		73.8 47.0	
UPPER SOUTHERN	04																																		
ANNAPOLIS POLICE BRKS	17	MAX MIN OBS	62 44	66 38	68 48	66 46	64 40	66 52	64 54	54 38	62 40	65 54	63 50	64 48	66 50	70 49	72 68	70 56	72 51	74 44	84 58	84 60	74 50	70 50	61 42	80 50	88 56	84 56	86 64	76 62	76 58	78 60		71.0 51.2	
BALTIMORE WSO ARPT	MID	MAX MIN	61 43	68 40	74 49	61 42	68 37	68 53	64 43	57 33	65 34	67 53	62 44	53 50	75 64	78 47	83 55	71 53	69 46	73 41	82 55	71 52	68 51	63 42	66 42	82 45	87 55	83 53	92 64	78 59	84 55	78 59		71.0 48.2	
COLLEGE PARK	09	MAX MIN OBS	59 43	63 37	72 53	75 35	61 34	74 49	69 50	55 32	59 34	68 51	70 45	64 49	64 50	75 46	80 57	86 54	69 44	71 40	76 53	85 60	73 49	70 49	63 38	68 42	83 50	90 56	89 61	91 60	81 57	71 57		72.5 47.8	
DALECARLIA RESERVOIR	17	MAX MIN OBS	62 31	72 30	77 50	75 38	75 35	74 51	70 44	58 33	69 38	71 37	72 43	66 50	75 49	81 48	87 45	85 51	71 43	76 40	86 57	85 59	72 47	69 47	67 36	83 48	88 48	89 55	88 60	82 58	81 57	81 67		76.2 46.5	
GLENN DALE BELL STN	16	MAX MIN OBS	62 38	74 30	77 45	70 40	74 29	75 51	68 44	60 23	62 33	64 29	70 40	63 48	68 49	76 42	88 48	87 66	70 50	74 46	80 46	85 46	75 42	70 42	67 28	82 39	90 46	90 54	93 60	92 58	84 52	81 58		75.7 43.8	
LAUREL 3 W	07	MAX MIN	62 42	70 45	74 51	61 39	71 41	67 52	64 41	59 33	67 37	68 54	62 45	60 49	74 49	79 51	85 57	73 52	69 47	75 45	82 56	84 54	73 51	64 47	66 41	82 47	88 58	87 52	91 66	83 60	68 56	81 61		72.5 49.3	
NATIONAL ARBORETUM DC	07	MAX MIN	59 41	62 36	72 48	76 41	61 37	75 42	70 50	55 35	58 34	69 36	71 45	63 47	64 50	76 47	80 49	86 54	71 49	71 41	75 45	84 60	73 46	69 49	64 36	66 43	82 51	88 56	89 57	91 62	81 55	69 58		72.3 46.7	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES (°F)

MARYLAND AND
DELAWARE
APRIL 1994

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	
NORTHERN EASTERN SHORE	05																																		
CHESTERTOWN	23	MAX MIN	61 40	71 37	72 49	59 40	70 36	68 52	63 44	58 31	65 34	65 54	62 43	51 46	72 47	76 45	85 61	75 52	68 49	72 41	84 56	78 52	69 44	62 43	65 34	82 45	88 52	85 47	90 56	78 57	71 51	80 57	71.5 46.5		
MILLINGTON 1 SE	18	MAX MIN OBS	61 41	67 35	69 51	65 42	67 35	66 55	65 46	56 31	62 31	65 56	64 42	59 47	70 48	74 48	82 51	80 52	68 48	69 38	83 57	78 53	68 43	66 42	62 34	77 41	85 49	83 49	87 56	87 56	75 51	78 59	71.3 46.2		
NORTHERN CENTRAL	06																																		
ABERDEEN PHILLIPS FIEL	16	MAX MIN	62 43			57 42	68 33	68 51	62 47	54 33		61 44	61 49	67 48	73 44	83 50				69 41	81 59	81 58	68 48	67 42			85 54	85 51		75 56	75 56		M M		
BALTIMORE CITY	MID	MAX MIN	65 46	71 49	77 52	63 42	69 44	70 57	66 45	57 38	66 43	68 57	64 51	59 50	70 49	82 54	87 64	73 58	74 52	78 53	87 60	75 63	72 56	66 54	68 47	86 50	92 66	82 52	94 64	81 60	64 56	75 63	73.4 53.2		
BENSON POLICE BARRACKS	17	MAX MIN OBS	64 45	71 36	69 54	68 45	70 54	70 54	62 48	60 33	64 38	63 54	65 45	63 50	63 56	77 47	85 55	85 54	67 48	73 39	85 55	84 55	70 49	69 43	69 35	81 41	90 57	88 50	88 59	88 60	82 52	82 58	76 58	73.4 48.5	
CATOCTIN MOUNTAIN PARK	17	MAX MIN	57 33	66 42	67 46	66 29	68 36	69 52	61 34	55 25	63 35	63 51	59 35	59 40	70 44	75 48	84 59	78 47	62 42	71 42	75 52	80 47	64 47	61 37	62 36	81 46	86 63	86 59	83 62	76 53	77 52	76 57	70.0 45.0		
CONOWINGO DAM	MID	MAX MIN OBS	63 32	70 42	69 41	58 38	69 42	61 50	70 34	61 35	66 34	60 52	64 44	52 50	64 48	76 46	85 64	68 50	70 46	73 31	87 63	72 60	72 47	62 42	67 36	84 54	90 64	80 57	85 61	85 57	67 56	71 60	76 58	70.8 47.7	
DAMASCUS 2 SSW	22	MAX MIN OBS	59 35	68 33	71 51	57 33	71 34	65 53	62 38	55 24	65 34	62 51	60 40	58 47	70 47	77 41	82 50	72 41	66 40	72 34	80 56	76 45	65 43	61 42	62 33	80 42	84 54	86 54	75 52	67 53	65 53	76 58	69.0 43.7		
EMMITSBURG 2 SE	17	MAX MIN	57 34	64 33	68 33	68 31	67 28	67 48	62 38	51 25	62 27	58 41	58 33	58 33	53 41	80 39	71 45	61 41	69 36	77 46	74 36	62 44	59 44	60 34	77 34	81 46	81 50	83 54	79 51	69 53	73 51	73 53	67.7 40.0		
FREDERICK POLICE BRKS	17	MAX MIN	61 40	70 41	72 49	73 35	70 36	72 55	68 41	54 30	65 35	68 51	64 42	65 47	65 47	75 47	85 60	85 53	67 46	73 44	82 55	83 54	71 50	68 43	64 42	80 44	87 62	87 56	90 65	82 61	77 57	78 57	73.4 48.2		
FREDERICK GAS PLANT	08	MAX MIN																																	M M
MILLERS 4 NE	18	MAX MIN	58 38	66 42	68 44	58 34	68 36	64 51	64 39	54 29	64 34	61 50	60 41	56 46	65 46	74 43	83 55	78 51	63 43	68 40	80 53	77 51	64 46	60 39	60 32	77 39	83 57	81 50	84 61	75 59	73 51	76 57	68.7 45.2		
ROCKVILLE 1 NE	MID	MAX MIN	60 40	71 36	74 48	60 38	72 38	69 57	65 42	58 30	68 39	69 53	60 44	62 50	75 50	80 45	84 57	70 51	69 46	74 44	84 59	72 53	65 51	62 44	63 38	80 45	87 53	86 55	89 64	78 61	67 57	79 58	71.7 48.2		
TOWSON	18	MAX MIN OBS	60 48	62 49	71 **	73 38	68 44	67 58	64 48	57 38	55 51	65 58	65 44	58 49	68 56	77 46	84 63	80 52	67 46	80 46	83 60	83 49	68 56	65 50	75 40	80 58	87 50	86 50	89 67	79 51	78 62	75 64	72.3 52.2		
UNIONVILLE	17	MAX MIN	62 31	72 27	74 47	62 32	74 26	70 49	64 38	57 21	69 27	61 46	61 31	65 43	73 48	79 38	87 43	71 44	66 37	74 30	83 47	76 40	68 43	63 38	64 26	82 31	88 42	88 46	88 54	79 50	73 53	80 48	72.5 39.1		
WESTMINSTER POL BRKS	17	MAX MIN	59 38	68 45	70 49	73 32	70 39	70 62	67 38	55 27	65 34	63 50	63 40	63 43	68 45	77 42	84 55	68 45	77 44	84 52	79 52	67 47	67 39	64 39	62 42	75 62	85 62	87 51	87 63	79 58	75 51	77 58	71.8 46.4		
WOODSTOCK	18	MAX MIN	62 39	71 32	73 47	70 36	72 31	69 50	65 41	58 29	67 32	65 50	64 39	57 47	73 47	80 41	86 53	80 52	68 46	74 38	83 52	80 56	68 46	64 43	66 30	83 37	88 50	86 53	90 60	81 56	80 54	78 57	73.4 44.8		
APPALACHIAN MOUNTAIN	07																																		
CUMBERLAND 2	17	MAX MIN	62 35	73 38	71 33	60 32	74 32	72 40	64 27	59 27	70 34	69 38	59 38	69 44	71 52	82 47	88 47	70 47	66 46	74 48	84 49	80 44	66 36	74 34	64 36	82 36	89 55	89 51	86 56	81 59	80 59	78 58	73.3 42.7		
FROSTBURG 2	07	MAX MIN OBS	41 31	53 31	65 40	66 28	53 28	66 36	58 35	39 24	50 23	65 37	59 37	49 33	61 40	62 47	74 46	80 45	54 41	57 40	68 43	76 47	59 40	56 33	54 33	62 32	73 35	80 57	82 55	77 53	73 49	73 56	62.8 39.2		

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES (°F)

MARYLAND AND
DELAWARE
APRIL 1994

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	55	63	73	68	60	71	51	58	71	63	61	66	67	84	87	85	66	76	87	85	66	66	68	82	88	90	88	80	74	76	72.5	
		MIN	30	31	33	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**		
ALLEGHENY PLATEAU	08	MAX	53	66	64	54	69	69	58	54	67	63	55	71	65	74	81	61	57	67	76	73	62	55	57	72	78	81	79	78	77	72	66.9	
OAKLAND 1 SE	17	MIN	31	28	45	29	27	48	28	18	29	46	30	39	54	46	39	41	39	40	53	39	36	34	23	32	44	42	50	45	55	52		
SAVAGE RIVER DAM	08	MAX	45	55	68	68	66	71	62	42	55	69	60	61	64	65	76	82	67	62	71	79	64	60	60	65	75	81	84	77	77	81	67.1	
DELAWARE		MIN	32	31	33	33	30	30	34	24	23	33	34	34	43	48	42	42	40	39	42	42	38	36	29	30	41	49	50	49	49	56		
NORTHERN	01	MAX	60	68	72	69	70	65	64	57	66	63	64	61	69	75	86	83	66	70	83	80	66	64	64	78	87	85	88	76	75	77	71.7	
NEWARK UNIVERSITY FARM	17	MIN	41	36	46	40	31	47	45	29	30	47	42	45	44	44	50	53	43	40	55	50	44	39	31	39	54	47	52	54	50	57		
WILMINGTON HSO ARPT	MID	MAX	61	67	71	61	64	65	60	59	64	64	64	53	71	75	84	67	66	70	83	67	67	63	64	78	88	81	89	78	70	78	69.7	
WILMINGTON PORTER RSVR	MID	MIN	41	41	50	42	37	51	41	31	38	50	44	47	47	48	55	49	48	45	57	53	47	41	36	45	53	50	56	57	54	59		
SOUTHERN	02	MAX	58	65	68	58	64	62	57	56	62	62	63	56	66	73	83	67	64	68	81	70	64	59	63	77	85	78	82	74	70	75	67.7	
DOVER	17	MIN	42	40	49	39	37	49	43	34	38	53	44	46	44	52	56	52	49	45	57	51	49	40	42	45	55	49	58	56	53	58		
GEORGETOWN 5 SW	08	MAX	59	62	72	70	62	60	60	58	63	65	64	58	67	73	82	82	67	66	82	82	68	66	62	76	84	84	88	88	73	74	70.6	
GREENWOOD 2 NE	18	MIN	37	38	52	38	35	51	51	35	34	50	47	46	50	49	57	54	49	42	47	53	47	46	40	46	56	50	54	59	52	60		
LEWES	17	MAX	53	54	64	72	59	69	59	57	57	66	73	63	62	71	74	82	70	68	71	84	71	68	71	63	77	85	87	86	81	78	69.8	
		MIN	43	33	47	43	33	42	42	34	30	35	46	46	46	46	48	62	43	39	49	50	43	45	33	36	45	49	53	60	59	60		
		MAX	57	68	72	64	68	66	62	55	64	69	64	53	69	74	83	69	66	67	83	71	67	61	62	76	84	86	85	79	80	79	70.1	
		MIN	42	37	49	44	33	52	46	33	31	55	47	46	48	47	55	49	46	39	53	49	44	45	39	42	52	51	57	59	50	58		
		MAX	57	66	74	66	62	61	66	54	65	73	70	52	67	77	85	75	68	69	85	84	70	66	59	79	84	83	90	84	71	77	71.3	
		MIN	43	43	52	44	37	52	48	40	34	56	48	46	47	50	50	55	49	45	56	57	50	48	40	46	59	49	57	63	53	53		

SEE REFERENCE NOTES FOLLOWING STATION INDEX

EVAPORATION AND WIND

MARYLAND AND
DELAWARE
APRIL 1994

STATION	DAY OF MONTH																															TOTAL OR AVG	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
MARYLAND																																	
ALLEGHENY PLATEAU 08																																	
SAVAGE RIVER DAM	WIND	-	47	28	37	83	21	51	05	30	30	37	50	31	56	54	49	06	14	50	85	71	65	35	36	71	53	38	52	30	36	16048	
	EVAP	-	27	16	14	1	20	9	-	-	0	19	5	-	13	24	34	25	14	14	*	6	10	40	35	16	35	17	17	25	17	5.868	
	MAX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	M	
	MIN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	M	
DELAWARE																																	
NORTHERN 01																																	
NEWARK UNIVERSITY FARM	WIND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	M	
	EVAP	-	10	7	2	21	6	9	15	15	2	11	6	0	22	27	37	9	22	14	30	12	29	21	21	21	17	21	17	12	9	4.608	
	MAX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	M	
	MIN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	M	
SOUTHERN 02																																	
GEORGETOWN 5 SW	WIND	-	34	32	29	35	80	27	70	4	14	21	34	15	80	57	115	86	42	62	118	35	20	35	35	75	17	28	77	49	31	18498	
	EVAP	-	10	14	15	2	3	47	17	16	34	6	19	2	19	34	-	12	14	37	21	50	14	20	18	22	22	40	37	-	41	6.518	
	MAX	51	38	61	64	55	60	53	51	68	66	68	71	56	55	63	83	71	68	68	71	77	71	68	74	75	88	88	90	88	85	68.2	
	MIN	38	31	31	41	31	40	38	34	39	42	47	46	47	52	43	60	44	44	44	44	49	44	39	42	43	53	57	59	59	59	44.7	

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

SNOWFALL AND SNOW ON GROUND (INCHES)

MARYLAND AND
DELAWARE
APRIL 1994

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 UPPER SOUTHERN 04 BALTIMORE WSO ARPT SNOWFALL SN ON GND WTR EQUIV APPALACHIAN MOUNTAIN 07 FROSTBURG 2 SNOWFALL SN ON GND ALLEGHENY PLATEAU 08 MERRILL SNOWFALL SN ON GND DELAWARE																																

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
APRIL 1994

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	00199306		HARFORD	39 28	76 10W	57	16	16		C	H	PHILLIPS ARMY AIRFIELD		
ANNAPOLIS POLICE BRKS	03333004		ANNE ARUNDEL	38 59	76 30W	25	17	17			H	ANNAPOLIS POLICE BRKS		
ASSATEAGUE IS NATL SEA	04469004		WORCESTER	38 14	75 8W	10	07	07			H	NATIONAL PARK SERVICE		
BALTIMORE WSO ARPT	04470006	R	ANNE ARUNDEL	39 11	76 40W	148	MID	MID		C	H	NATL WEATHER SERVICE		
BALTIMORE CITY #	04700006	R	BALTIMORE CI	39 17	76 37W	14	MID	MID		C	H	NATIONAL WEATHER SERVICE		
BELTSVILLE	07300004		PRINCE GEORG	39 2	76 53W	120	08	08		O	B	C	INACTIVE 04/01/94	
BENSON POLICE BARRACKS	07320006		HARFORD	39 30	76 23W	365	17	17			H	MARYLAND STATE POLICE		
CATOCTIN MOUNTAIN PARK	15300006		FREDERICK	39 39	77 29W	1610	17	17			C	H	CATOCTIN MOUNTAIN PARK	
CHESTERTOWN	17500005		KENT	39 13	76 4	40	23	23			H	THOMAS W ELIASON JR		
CLARKSVILLE 3 NNE	18660006		HOWARD	39 15	76 56W	370	17	17			H	INACTIVE 09/01/93		
COLLEGE PARK	19930006		PRINCE GEORG	38 59	76 57W	90	09	09			C	H	UNIVERSITY OF MARYLAND	
CONOWINGO DAM	20060006		HARFORD	39 39	76 10W	40	MID	MID				SUSQUEHANNA ELECTRIC CO		
CUMBERLAND 2	22280007		ALLEGANY	39 38	78 45W	730	17	07			H	TIMOTHY B THOMAS		
DALECARLIA RESERVOIR	23220004		DIS COLUMBIA	38 56	77 7W	150	17	17				U S CORPS OF ENGINEERS		
DAMASCUS 2 SW	23330006		MONTGOMERY	39 16	77 14W	722	19	19			H	INACTIVE 01/01/92		
DAMASCUS 2 SSW	23330006		MONTGOMERY	39 16	77 14W	670	22	22			H	ROBERT J LEFFLER		
EDGEMONT	27700007		WASHINGTON	39 40	77 33W	905		07				JOHN W HARNE		
EHMITSBURG 2 SE	29060006		FREDERICK	39 41	77 18W	416	17	17			H	LUCILLE K BEALE		
FREDERICK POLICE BRKS	33480006		FREDERICK	39 25	77 26W	380	17	17			H	MARYLAND STATE POLICE		
FREDERICK GAS PLANT	33490006		FREDERICK	39 27	77 24W	290	08	08			H	PLANT EMPLOYEES		
FROSTBURG 2	34150007		ALLEGANY	39 40	78 56W	2168	07	07			H	KENNETH L CLOSE		
GLENN DALE BELL STN	36750004		PRINCE GEORG	38 58	76 48W	150	16	16			H	USDA PLANT INTRODUCT STN		
HAGERSTOWN	39750007		WASHINGTON	39 39	77 44W	660	08	08			H	INACTIVE 11/01/93		
HANCOCK	40300007		WASHINGTON	39 42	78 11W	428	08	08			C	H	TOWN OF HANCOCK	
LA PLATA 1 W	50800003		CHARLES	38 32	77 0W	140	18	18			H	INACTIVE 02/28/94		
LAUREL 3 W	51110004		PRINCE GEORG	39 6	76 54W	400	07	07				WA SUBURBAN SANITARY COM		
MC HENRY 2 NW	58320008		GARRETT	39 35	79 22W	2680	08	08			C	H	INACTIVE 12/01/93	
MECHANICSVILLE 5 NE	58650003		ST MARYS	38 27	76 41W	100	19	19			H	SANDRA J HASTINGS		
MERRILL	58940008		GARRETT	39 36	79 5W	1790		09			H	DELWOOD E MERRILL		
MILLERS 4 NE	59340006		CARROLL	39 43	76 48W	860	18	18			C	H	BOBBY P MILLER	
MILLINGTON 1 SE	59850005		KENT	39 16	75 52W	30	18	18				HOWARD L HARVEY		
NATIONAL ARBORETUM DC	63500004		DIS COLUMBIA	38 54	76 59W	50	07	07			H	US NATIONAL ARBORETUM		
OAKLAND 1 SE	66200008		GARRETT	39 24	79 24W	2419	17	17			H	BEA J CROSCO		
OWINGS FERRY LANDING	67700003		CALVERT	38 41	76 40W	160	17	17			H	JAMES C RASMUSSEN		
POTOMAC FILTER PLANT	72720006		MONTGOMERY	39 2	77 15W	270		08				POTOMAC WATER FILT PLANT		
PRINCESS ANNE	73300001		SOMERSET	38 13	75 41W	20	17	17				UNIV OF MD EASTERN SHORE		
ROCKVILLE 1 NE	77050006		MONTGOMERY	39 6	77 6W	440	MID	17			H	WASHINGTON GAS & ELEC CO		
ROYAL OAK 2 SSW	78060002		TALBOT	38 43	76 11W	10	18	18			H	JOHN L SWAINE JR		
SALISBURY	80000001		WICOMICO	38 22	75 35W	10	17	17				CITY OF SALISBURY		
SALISBURY FAA ARPT #	80005001		WICOMICO	38 20	75 31W	50	MID	MID			H	FAA		
SAVAGE RIVER DAM	80650008		GARRETT	39 31	79 8W	1495	08	08			O	B	C	US CORPS OF ENGINEERS
SNOW HILL 4 N	83800001		WORCESTER	38 14	75 23W	30	17	17				H	CURTIS E SHOCKLEY	
TOWSON	88770006		BALTIMORE	39 23	76 34W	390	18	18					ENVIRONMENTAL TECH GROUP	
UNIONVILLE	90300006		FREDERICK	39 27	77 11W	430	17	17			C		ROBERT YOUNG	
UPPER MARLBORO 3 NNW	90700004		PRINCE GEORG	38 52	76 47W	100	08	08			O	B	H	INACTIVE 09/01/93
VIENNA	91400002		DORCHESTER	38 29	75 50W	10	18	18					DELMARVA POWER & LIGHT	
WESTMINSTER POL BRKS	94400006		CARROLL	39 33	76 58W	765	17	17			H	MARYLAND STATE POLICE		
WOODSTOCK	97500006		BALTIMORE	39 20	76 52W	460	18	18			H	JOHN A HILTZ		

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

MARYLAND AND
DELAWARE
APRIL 1994

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	27300	002	KENT	39 9	75 31 W	30	17	17		H	STATE HIGHWAY DEPT
GEORGETOWN 5 SW	35700	022	SUSSEX	38 38	75 27 W	45	08	08	08	C	UNIV OF DEL SUBSTATION
GREENWOOD 2 NE	35900	022	SUSSEX	38 50	75 35 W	45	18	18			DANIEL H SWARTZ ENTRUBER
LEWES	53200	022	SUSSEX	38 46	75 8 W	15	17	17			BOARD OF PUBLIC WORKS
NEWARK UNIVERSITY FARM	64100	001	NEW CASTLE	39 40	75 44 W	90	17	17	17	C	UNIV OF DEL AGRIC FARM
WILMINGTON WSO ARPT	R 95950	01	NEW CASTLE	39 40	75 36 W	74	MID	MID		C	NATIONAL WEATHER SERVICE
WILMINGTON PORTER RSVR	96050	01	NEW CASTLE	39 46	75 32 W	270	MID	MID		H	PUBLIC WORKS

SEE REFERENCE NOTES FOLLOWING STATION INDEX

REFERENCE NOTES

MARYLAND AND
DELAWARE
APRIL 1994

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 (i.e. not precipitation alone).

NORMALS: The average value of the meteorological element over a time period. Effective 1 January 1993, the averaging period is 1961 to 1990. 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 number 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 indicated 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 the "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 the "Soil Temperatures" table.
H Observations appear in the "Snowfall and Snow on the 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.
W Rain gage read weekly or irregularly.
WM Rain gage read weekly and last day of the 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 the 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 check, 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 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 of 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
ROOM 120
151 PATTON AVENUE
ASHEVILLE, NC 28801-5001

USCOMM-NOAA-ASHEVILLE, N.C. APRIL 1994-0550

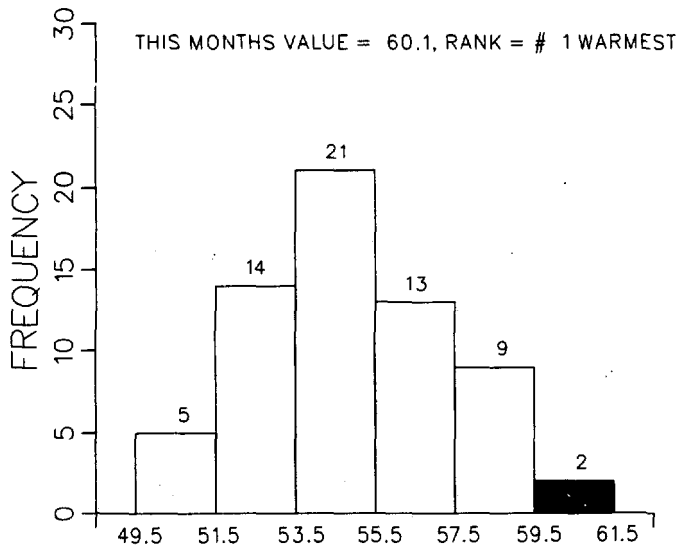
MEAN MONTHLY TEMPERATURE FREQUENCY DISTRIBUTION FOR PERIOD OF RECORD 1931-1994 FOR MONTH OF APRIL MARYLAND

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

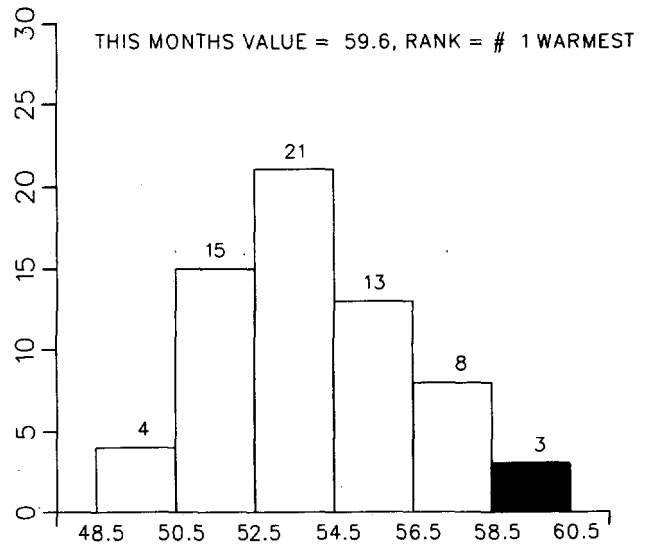
CLUSTER 2 - DIVISION(S):
UPPER SOUTHERN 04
NORTHERN EASTERN SHORE 05

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

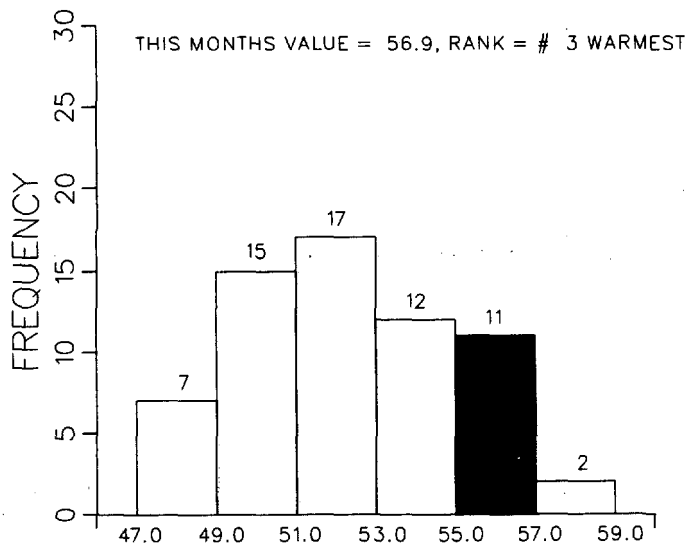
CLUSTER 4 - DIVISION(S):
ALLEGHENY PLATEAU 08



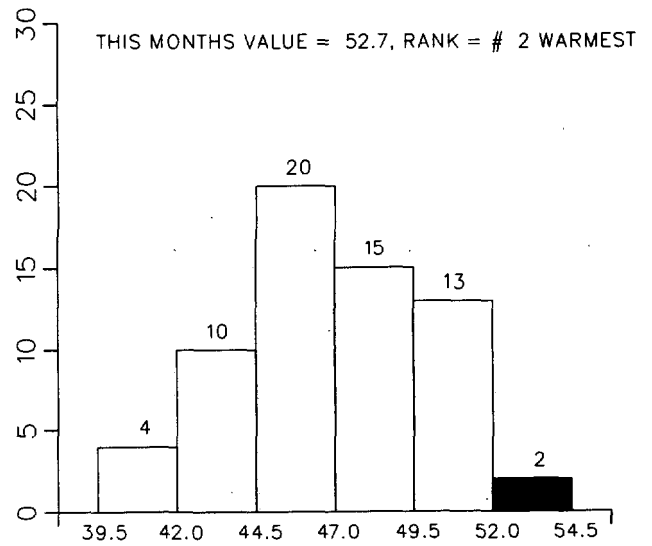
CLUSTER 1 (DEG. F)



CLUSTER 2 (DEG. F)



CLUSTER 3 (DEG. F)



CLUSTER 4 (DEG. F)

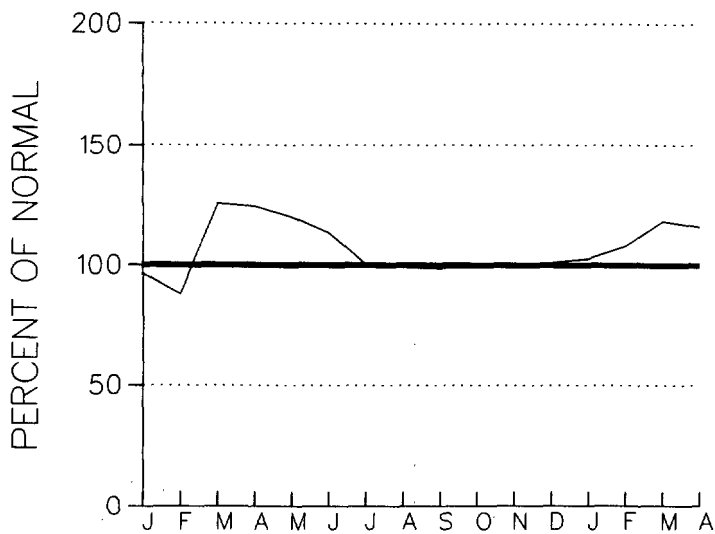
CUMULATIVE PRECIPITATION DEPARTURES FROM NORMAL (1961-1990)
 FOR THE LAST 16 MONTHS
 ENDING APRIL 1994
 MARYLAND

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

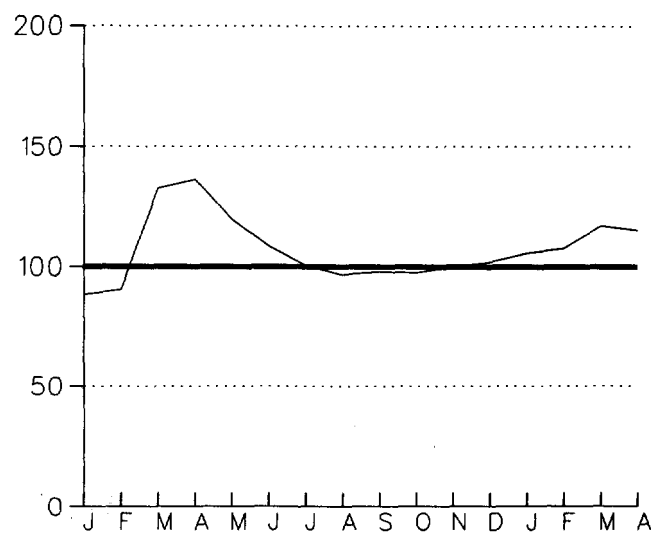
CLUSTER 2 - DIVISION(S):
 UPPER SOUTHERN 04
 NORTHERN EASTERN SHORE 05

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

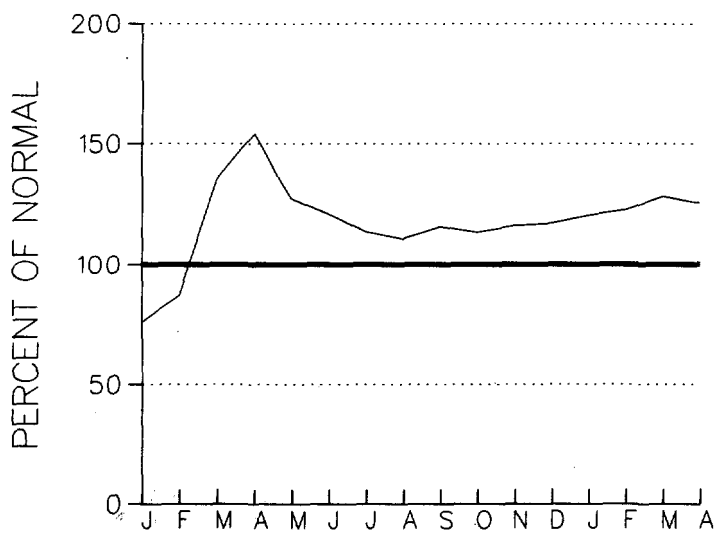
CLUSTER 4 - DIVISION(S):
 ALLEGHENY PLATEAU 08



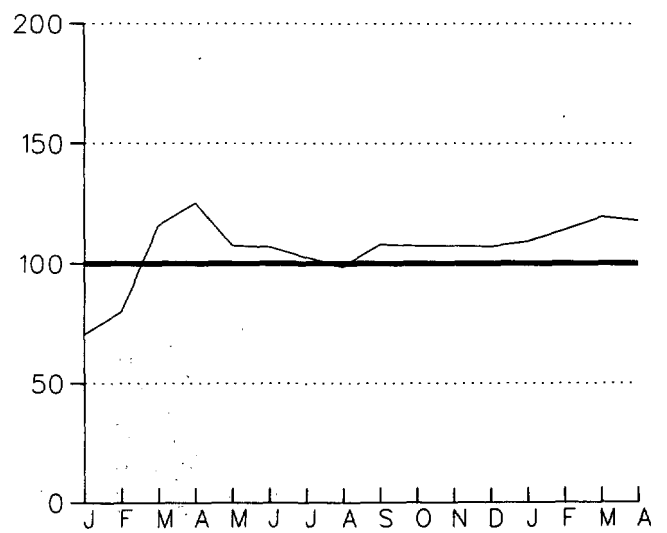
CLUSTER 1



CLUSTER 2



CLUSTER 3

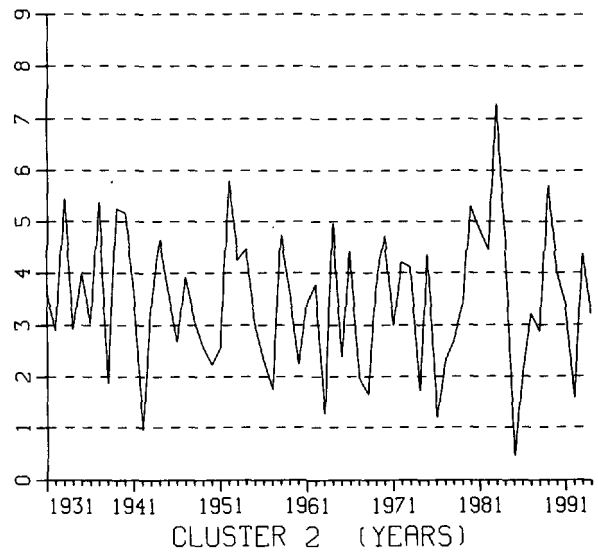
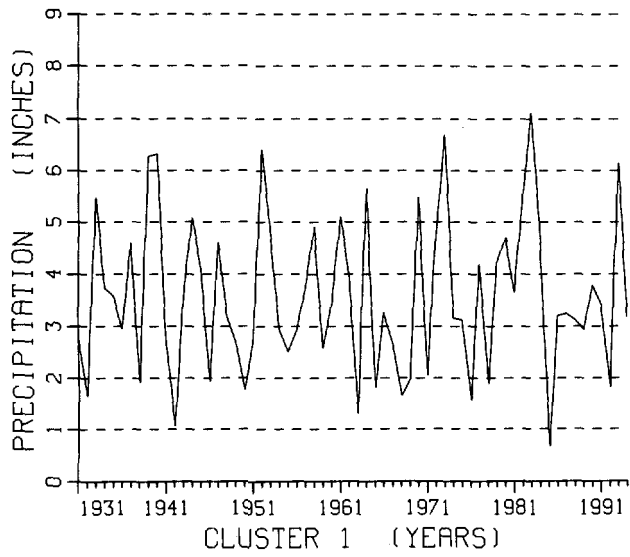


CLUSTER 4

MEAN MONTHLY PRECIPITATION FOR
THE MONTH OF: APRIL
THE PERIOD OF: 1931 - 1994
DELAWARE

CLUSTER 1 -DIVISION(S):
NORTHERN 01

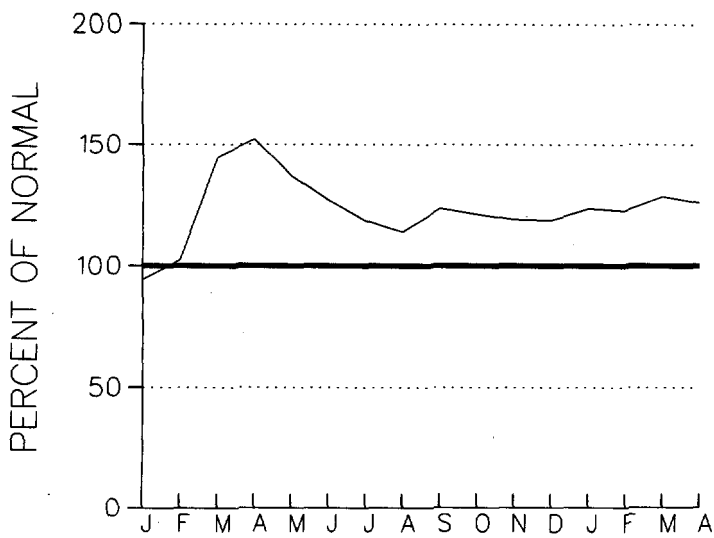
CLUSTER 2 -DIVISION(S):
SOUTHERN 02



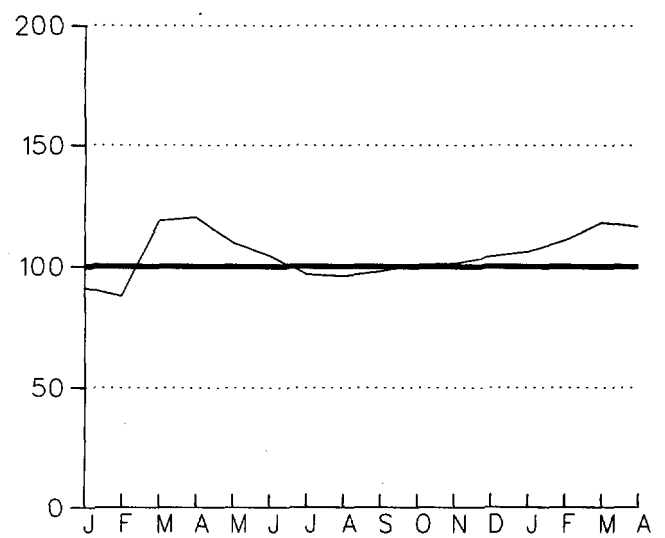
CUMULATIVE PRECIPITATION DEPARTURES FROM NORMAL (1961-1990)
 FOR THE LAST 16 MONTHS
 ENDING APRIL 1994
 DELAWARE

CLUSTER 1 - DIVISION(S):
 NORTHERN 01

CLUSTER 2 - DIVISION(S):
 SOUTHERN 02



CLUSTER 1



CLUSTER 2

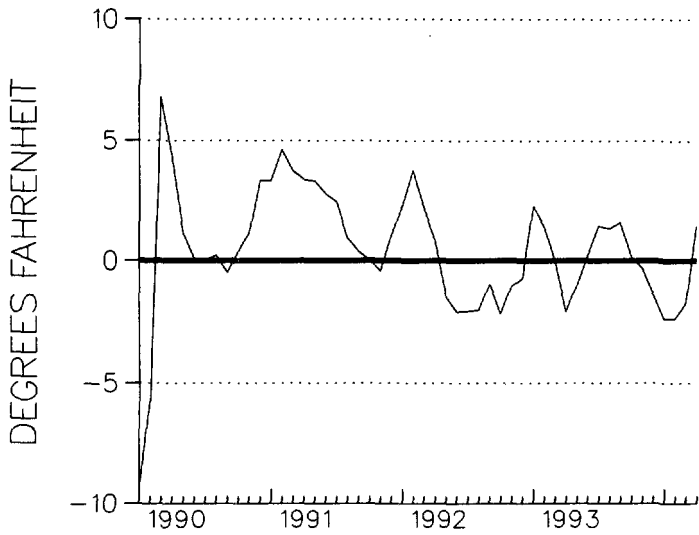
TEMPERATURE DEPARTURES FROM NORMAL (1961-1990)
 THREE MONTH RUNNING MEAN
 FOR THE 52 MONTHS ENDING WITH APRIL 1994 DATA
 MARYLAND

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

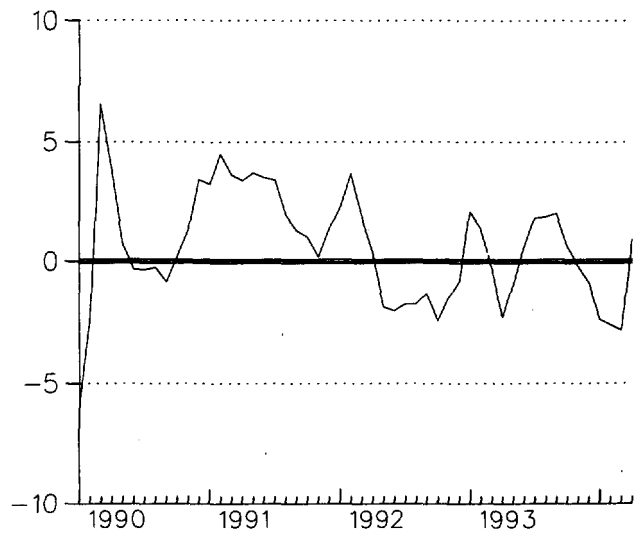
CLUSTER 2 -DIVISION(S):
 UPPER SOUTHERN 04
 NORTHERN EASTERN SHORE 05

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

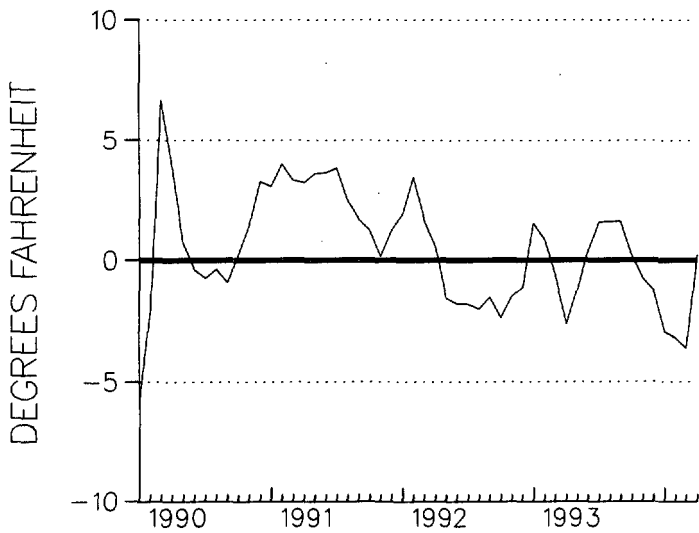
CLUSTER 4 -DIVISION(S):
 ALLEGHENY PLATEAU 08



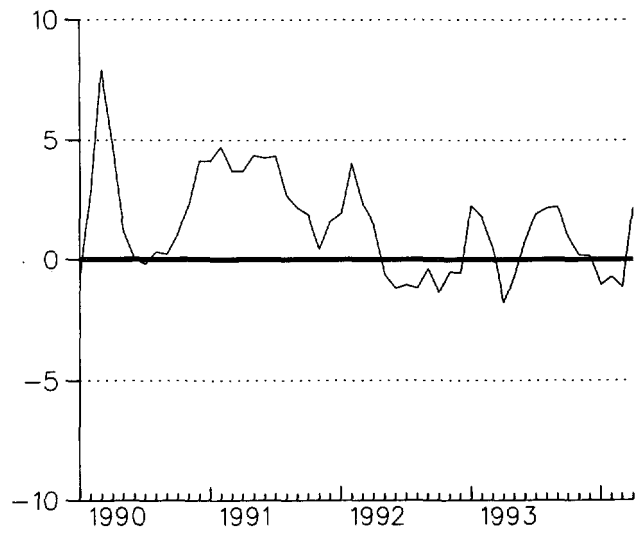
CLUSTER 1



CLUSTER 2



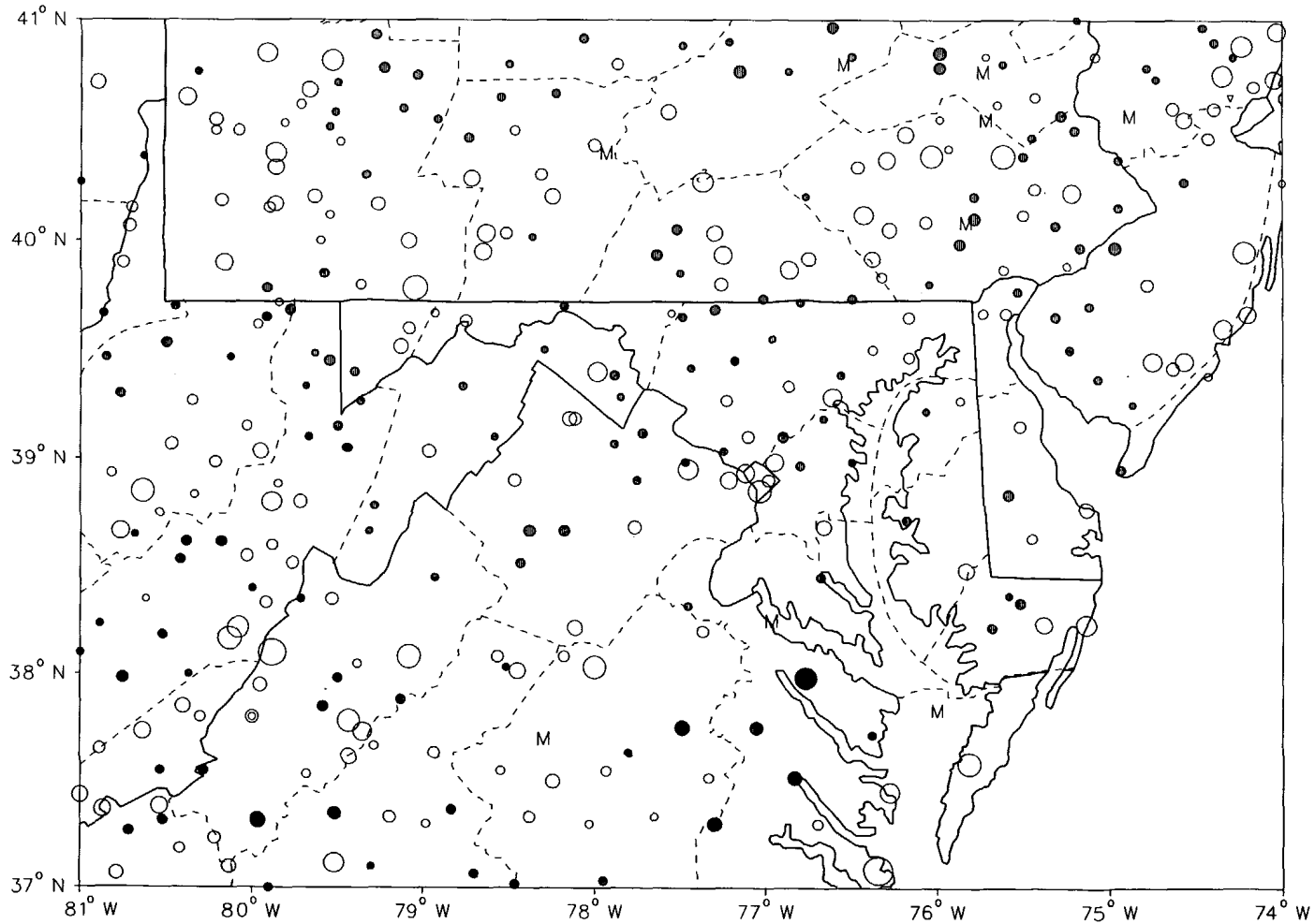
CLUSTER 3



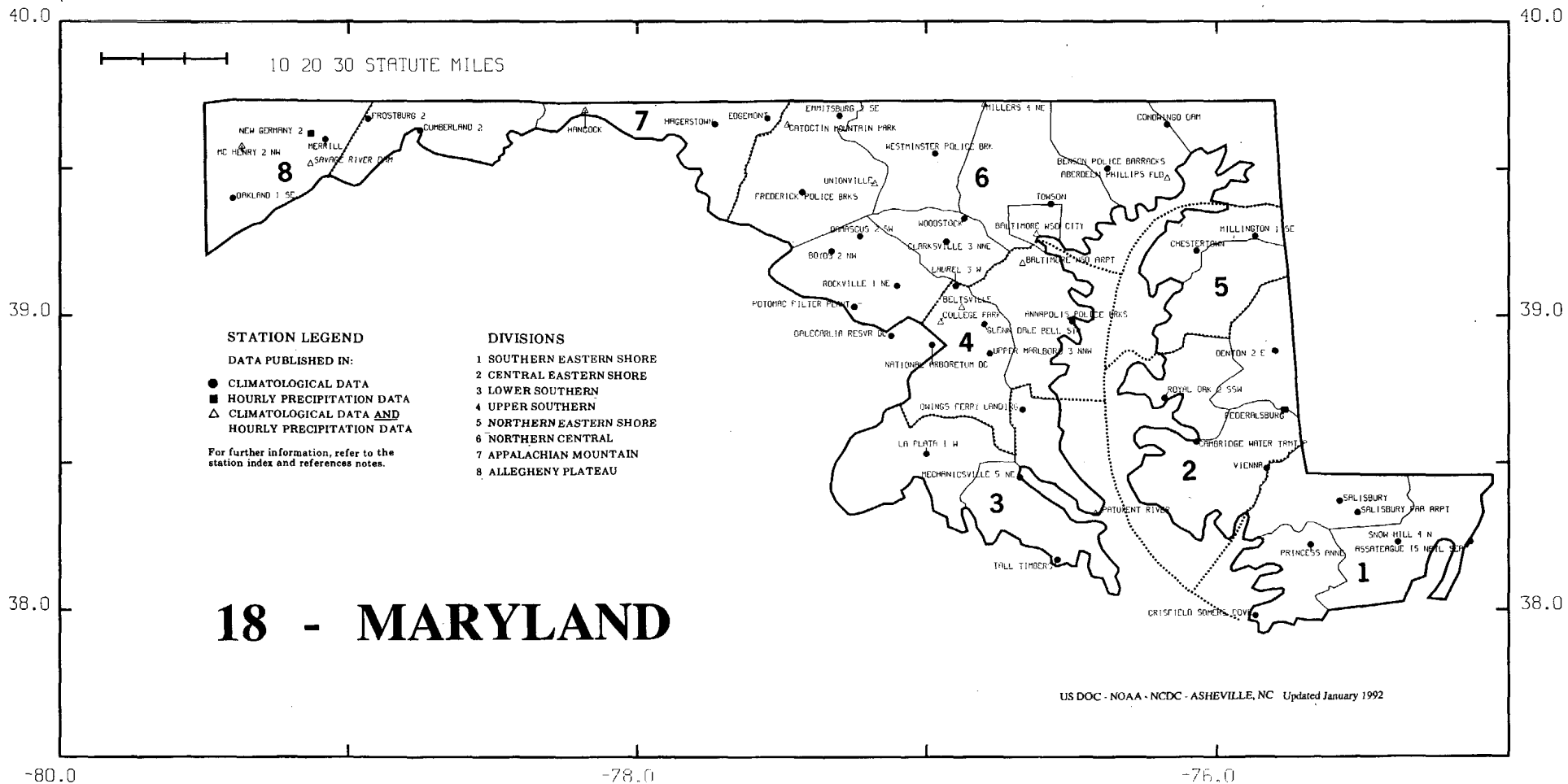
CLUSTER 4

MONTHLY PRECIPITATION DEPARTURE FROM
THE DIVISIONAL AVERAGE FOR
APRIL 1994
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



40.0

40.0

10 20 30 STATUTE MILES



07 - DELAWARE

STATION LEGEND

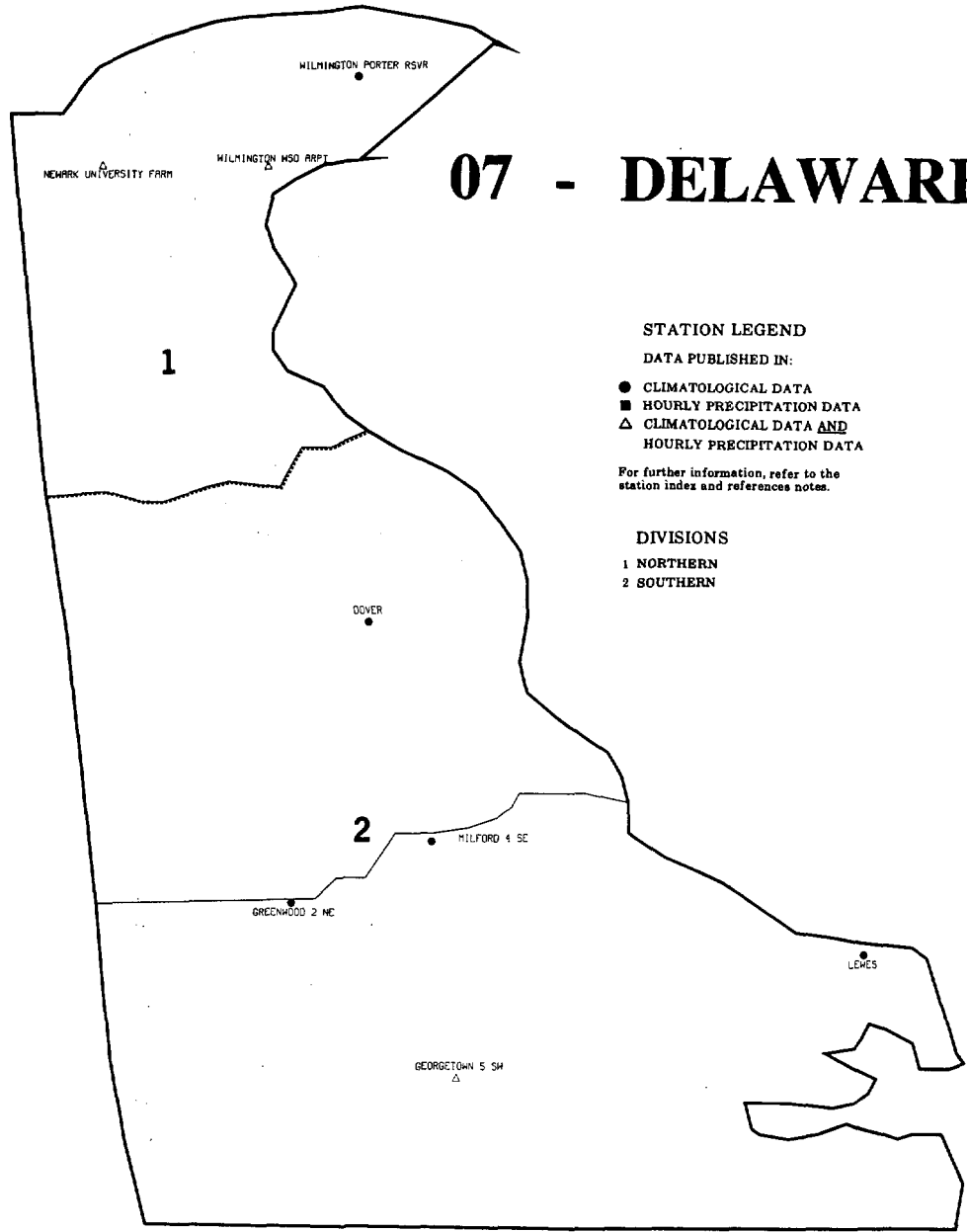
DATA PUBLISHED IN:

- 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

US DOC - NOAA - NCDC - ASHEVILLE, NC
Updated January 1992

38.0

38.0

-76.0

-75.5

-75.0

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	4.28		
ASHEVILLE	25.67	0.71	1.57	1.81	0.53	2.8				2.77	4.15	2.94		
ASHFORD	36.74E	1.20	2.76	2.90	0.54E	2.8				3.80	4.90	4.80		
BOWEN	-	-	1.30	2.40	1.20E					2.40	4.10	2.90		
B EVERETT JORDAN DAM	-	1.70	1.50	3.60						-	1.70	-		
DOORER 5 WSO														
BUNTINGTON 3 WNE	-	1.00	2.10	3										
CAPE HATTERAS WSO	48.86	0.80	1.92E											
CAROLINA 8 SE	-	5.75	1.2											
CATALDOCHES	-	1.70	0.63											
CHARLOTTE WSO AP														
CLINTON 2 NE	26.91													
DALTON	35.91													
DOBSON	-													
EDEN	-													
ELI	-													
ELIZABETH	-													
FAYE	-													
FRANKLIN	-													
GREENEVILLE	-													
HAYNESVILLE 2	-													
HOBOKEN	-													
LAKE LURE	-													
LEXINGTON	-													
MOOREHEAD CITY	-													
MOUNT PLEASANT	-													
WILKESBORO 12	-													
ROLETTON 2 NE														
QUEBEC	-													
RALEIGH-DURHAM WSO	-													
ROANOKE RAPIDS	-													
ROARING GAP 1 NW	-													
SHELBY 2														
SHEPARD FERRY 2 ENE	-													
SHANNANORA 2 SSE	-													
WILKINSON WSO AP	-													
WILSON 3 SW	-													
YACKINVILLE 6 E	28													

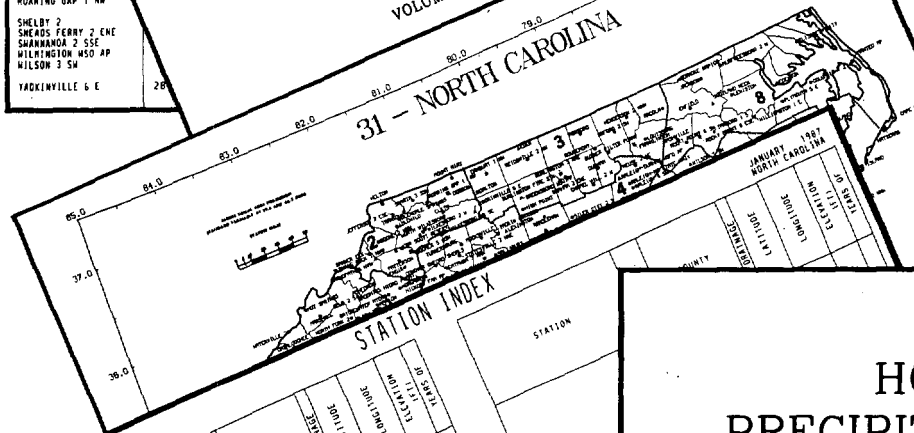
HOURLY PRECIPITATION DATA

NORTH CAROLINA

DECEMBER 1987
WITH ANNUAL SUPPLEMENT
VOLUME 37 NUMBER 12

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STATION INDEX

STATION	COUNTY	ELEVATION (FEET)	STATION
NORTH CAROLINA			
ASHEVILLE WSO AP	SWAIN	2011	
ASHEVILLE	SWAIN	2011	
ASHFORD	SWAIN	2011	
BOWEN	SWAIN	2011	
B EVERETT JORDAN DAM	SWAIN	2011	

MONTHLY PRECIPITATION MAXIMA

MAXIMA FOR MEASUREMENT PERIODS OF HOURS

STATION	HOURS					
	15	30	45	1	2	3
NORTH CAROLINA						
ASHEVILLE WSO AP	10 2011845	10 2011800	10 2011800	20 2011845	20 2011845	42 181000
ASHEVILLE	20 011405	20 011405	20 011405	20 011405	20 011405	20 011405
ASHFORD	20 011405	20 011405	20 011405	20 011405	20 011405	20 011405
BOWEN	20 011405	20 011405	20 011405	20 011405	20 011405	20 011405
B EVERETT JORDAN DAM	20 011405	20 011405	20 011405	20 011405	20 011405	20 011405

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
BOWEN	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

For further information,
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Room 120, 151 Patton Avenue, Asheville, NC 28801-5001
Phone (704) 271-4800 or (704) 271-4010 (TDD)
(704) 271-4876 (Fax)

HOURLY PRECIPITATION DATA

NORTH CAROLINA

JANUARY 1987

VOLUME 37 NUMBER 1



HOURLY PRECIPITATION DATA is published monthly and presents daily, hourly, and maximum short duration data for recording rain gage stations in each state except Alaska. Also included are a published station index and a locator map for the state. In addition to the regularly published data, the December publication contains a tabulation of monthly and annual total precipitation amounts as an annual supplement.

SHELF STOCK of the printed publication is maintained only for the most recent 3 years. Earlier years are available on microfiche or paper copies reproduced from microfiche. The data is also available in digital form - on magnetic tape or floppy disk.

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