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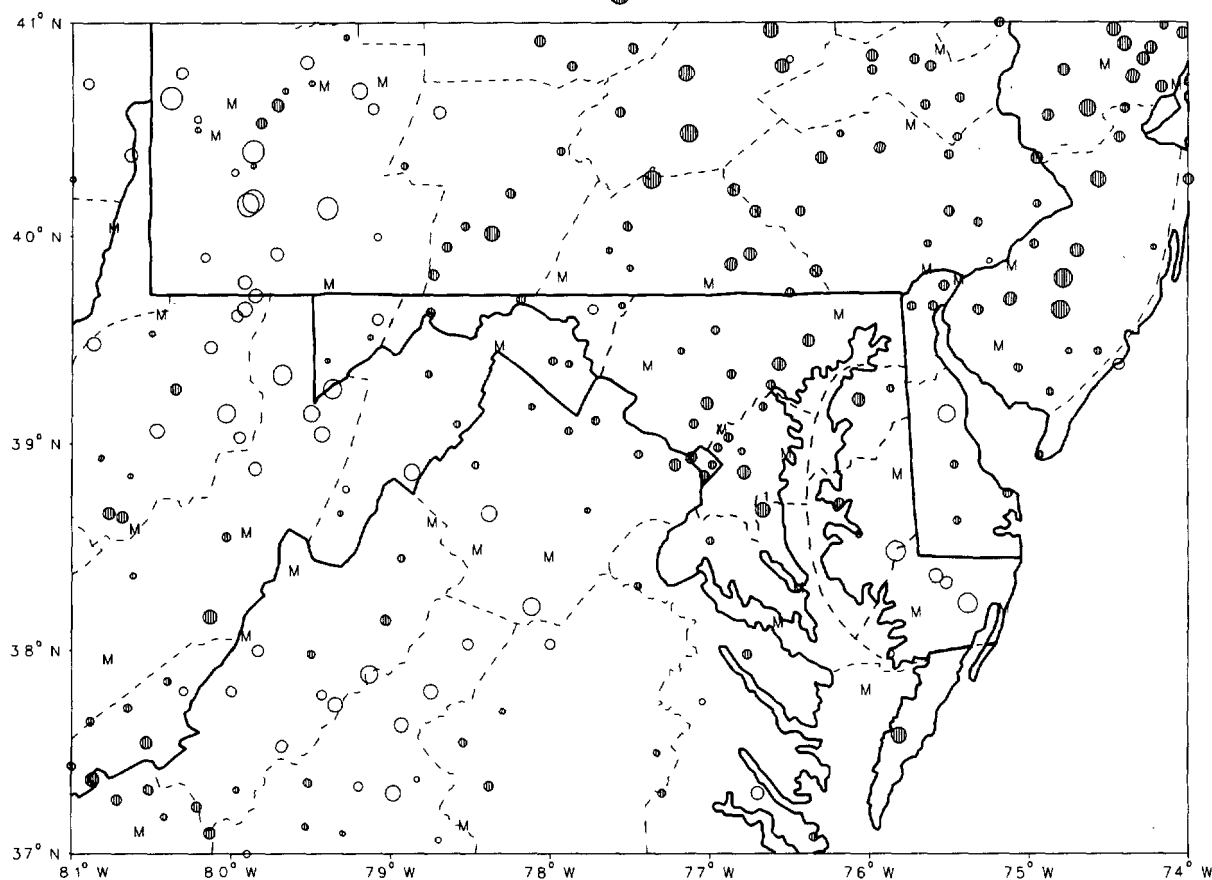
CLIMATOLOGICAL DATA MARYLAND AND DELAWARE

AUGUST 1990

VOLUME 94 NUMBER 8

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

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



CIRCLE DIAMETER IS PROPORTIONAL TO DEPARTURE ON A CONTINUOUS SCALE

"I CERTIFY THAT THIS IS AN OFFICIAL PUBLICATION OF THE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION (NOAA). IT IS COMPILED USING INFORMATION FROM WEATHER OBSERVING SITES SUPERVISED BY NOAA/NATIONAL WEATHER SERVICE AND RECEIVED AT THE NATIONAL CLIMATIC DATA CENTER (NCDC), ASHEVILLE, NORTH CAROLINA 28801."

Kenneth D. Haden

DIRECTOR, NATIONAL CLIMATIC DATA CENTER

noaa

NATIONAL
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
AUGUST 1990

MARYLAND
HIGHEST TEMPERATURE 97
LOWEST TEMPERATURE 47
GREATEST TOTAL PRECIPITATION 9.61
LEAST TOTAL PRECIPITATION 3.02
GREATEST 1 DAY PRECIPITATION 2.91

DELAWARE
HIGHEST TEMPERATURE 95
LOWEST TEMPERATURE 57
GREATEST TOTAL PRECIPITATION 7.99
LEAST TOTAL PRECIPITATION 3.24
GREATEST 1 DAY PRECIPITATION 3.26

AUGUST 28
AUGUST 31

AUGUST 6

AUGUST 13
AUGUST 31

AUGUST 19

BALTIMORE WSO CITY R
OAKLAND 1 SE
TOWSON
MERRILL
COLLEGE PARK

DOVER
2 STATIONS
LEWES
DOVER
LEWES

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

MARYLAND AND
DELAWARE
AUGUST 1990

STATION	TEMPERATURE (°F)										PRECIPITATION (IN)												
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST DATE	LOWEST DATE	HEATING DEGREE DAYS	COOLING DEGREE DAYS	NO. OF DAYS				TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	SNOW, SLEET				NO. OF DAYS		
									90 OR ABOVE MAX	32 OR BELOW MIN	32 OR BELOW MIN	0 OR BELOW MIN					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																							
CRISFIELD SOMERS COVE	84.5	71.3	77.9	.1	9129	6531+	0	406	1	0	0	0	4.12	-.27	2.02	22	.0	.0		5	2	2	
PRINCESS ANNE																							
SALISBURY	85.2	66.8	76.0	.0	9213	5931	0	346	3	0	0	0	4.28	-1.44	2.60	7	.0	.0		7	2	1	
SALISBURY FAA ARPT	84.4	66.2	75.3	.0	9129+	582	0	325	4	0	0	0	4.56	-1.16	1.68	7	.0	.0		7	2	2	
SNOW HILL 4 N	86.1	65.8	76.0	1.0	9529	562	0	347	6	0	0	0	3.07	-2.36	1.02	8	.0	.0		8	2	1	
--DIVISIONAL DATA----->			76.3	.5									4.01	-1.19			.0						
CENTRAL EASTERN SHORE 02																							
CAMBRIDGE WATER TRMT P	85.3	67.8	76.6	1.0	9328	6131	0	365	6	0	0	0	6.49	1.21	2.66	10	.0	.0		7	4	2	
ROYAL OAK 2 SSW	85.1	65.6	75.4	-1.2	9228	5831+	0	329	6	0	0	0	7.96	2.87	1.95	10	.0	.0		9	6	3	
VIENNA	86.5	62.8	74.7	-1.6	9428	5431	0	306	1	0	0	0	3.15	-2.48	1.31	7	.0	.0		8	2	1	
--DIVISIONAL DATA----->			75.6	-.4									5.87	.65			.0						
LOWER SOUTHERN 03																							
LA PLATA 1 W	81.0	65.3	73.2	-1.6	8828	5831+	0	260	0	0	0	0	6.28	1.36	2.15	9	.0	.0		8	4	2	
MECHANICSVILLE 5 NE	81.2	64.9	73.1		8828	563	0	257	0	0	0	0	6.81		2.28	9	.0	.0		8	3	2	
OWINGS FERRY LANDING	83.0	64.7	73.9	-1.1	9028	573	0	283	1	0	0	0	8.91	4.72	2.13	9	.0	.0		10	6	3	
PATUXENT RIVER																							
TALL TIMBERS																							
--DIVISIONAL DATA----->			73.4	-2.2									7.33	2.71			.0						
UPPER SOUTHERN 04																							
ANNAPOLIS POLICE BRKS	85.3	60.9	73.1		9428	5231	2	261	5	0	0	0	6.15		1.80	14	.0	.0		7	4	3	
BALTIMORE WSO ARPT	83.1	66.0	74.6	-1.0	9128	6031+	0	303	2	0	0	0	6.17	1.55	1.77	9	.0	.0		9	5	2	
BELTSVILLE	83.3	63.8	73.6	-.4	9329	562	2	274	7	0	0	0	7.01	2.30	2.59	6	.0	.0		12	3	2	
COLLEGE PARK	83.6	66.6	75.1	-.9	9429	582	2	322	6	0	0	0	6.83	1.83	2.91	6	.0	.0		8	4	2	
DALECARLIA RESVR DC	85.5	59.3	72.4	-3.5	9229+	5331+	3	237	7	0	0	0	7.97	3.37	2.71	10	.0	.0		8	3	3	
GLENN DALE BELL STN	83.7	62.7	73.2	-1.3	9329	522	0	263	5	0	0	0	5.91	1.00	1.37	6	.0	.0		10	4	3	
LAUREL 3 W																							
NATIONAL ARBORETUM DC	84.5	65.5	75.0	-1.7	9429	6031+	2	316	9	0	0	0	6.74	1.64	2.22	10	.0	.0		8	5	2	
UPPER MARLBORO 3 NNW	83.1	59.9	71.5		9229	512	5	215	4	0	0	0	8.97	4.31	2.78	14	.0	.0		9	4	4	
--DIVISIONAL DATA----->			73.6	-1.7									7.09	2.35			.0						
NORTHERN EASTERN SHORE 05																							
CHESTERTOWN	83.5	64.4	74.0	-1.8	9228	5831	1	287	3	0	0	0	8.71	4.10	2.86	13	.0	.0		8	4	3	
MILLINGTON 1 SE	83.7	64.3	74.0	-.5	9028	552	0	284	1	0	0	0	5.81	1.07	1.50	10	.0	.0		10	5	2	
--DIVISIONAL DATA----->			74.0	-1.4									7.26	2.75			.0						
NORTHERN CENTRAL 06																							
ABERDEEN PHILLIPS FLD	83.6	65.5	74.6		9129+	6031+	0	306	3	0	0	0	7.59				.0	.0		7	5	1	
BALTIMORE WSO CITY	85.8	70.5	78.2	-.2	9728	6121+	0	419	1	0	0	0	6.55				.0	.0		8	6	2	
BENSON POLICE BARRACKS	86.1	61.4	73.8	.0	9529+	5531+	3	282	1	0	0	0	8.98	1.98	2.01	6	.0	.0		12	6	3	
BOYDS 2 NW	81.0	64.1	72.6		8928	5831+	3	246	0	0	0	0	6.17	4.07	2.62	5	.0	.0		8	5	3	
CATOCTIN MOUNTAIN PARK	76.9	62.0	69.2		8629	5420	18	154	0	0	0	0	5.19		1.68	20	.0	.0		8	5	3	
CLARKSVILLE 3 NNE	84.6	62.0	73.3		9329+	512	1	268	6	0	0	0	6.20		1.64	6	.0	.0		10	5	3	
CONOWINGO DAM	87.8	62.0	74.9	.9	9629	5720+	0	312	15	0	0	0	9.24		2.11	6	.0	.0		11	7	4	
DAMASCUS 2 SW	81.5	63.5	72.5		9228	552	4	246	1	0	0	0	5.07		1.70	6	.0	.0		7	5	1	
EMMITSBURG 2 SE	81.4	61.4	71.4		8928	512	5	213	0	0	0	0	6.06		1.30	20	.0	.0		9	4	3	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

MARYLAND AND
DELAWARE
AUGUST 1990

STATION	TEMPERATURE (°F)										PRECIPITATION (IN)									
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST DATE	LOWEST DATE	HEATING DEGREE DAYS	COOLING DEGREE DAYS	NO. OF DAYS				TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY DATE	TOTAL	SNOW			DATE
									90 OR ABOVE	32 OR BELOW	32 OR BELOW	0 OR BELOW					MAX DEPTH ON GROUND	SLEET	NO. OF DAYS	
FREDERICK POLICE BRKS	84.7	65.2	75.0		94.2	58.3	2	318	5	0	0	0	4.15		1.26	.0	0		6	3
MILLERS 4 NE	80.5	62.7	71.6		88.2	55.2	6	219	0	0	0	0	6.64		1.68	.0	0		10	3
ROCKVILLE 1 NE	80.8	65.1	73.0	-1.4	91.2	55.3	1	258	0	0	0	0	6.44	1.98	2.00	.0	0		7	4
TOWSON	82.9	65.6	74.3		91.2	58.2	2	295	1	0	0	0	9.61	4.82	2.01	.0	0		10	3
UNIONVILLE	82.6	60.8	71.7	-1.5	91.2	55.0	2	216	1	0	0	0	4.48	1.72	1.12	.0	0		5	5
WESTMINSTER POLICE BRK	83.9	61.9	72.9	-1.1	91.2	52.2	7	262	5	0	0	0	3.31	1.31	1.75	.0	0		8	4
WOODSTOCK	84.3	63.8	74.1	-1.6	93.2	56.3	1	289	7	0	0	0	5.78	1.80	1.87	.0	0		9	5
--DIVISIONAL DATA----->			73.3	-1.6									6.28	1.98		.0				1
APPALACHIAN MOUNTAIN 07																.0				
CUMBERLAND 2	83.4	60.8	72.1	-1.1	94.2	55.2	3	231	6	0	0	0	4.84	1.51	1.38	.0	0		6	4
FROSTBURG 2	74.8	57.3	66.1		85.2	52.9	37	78	0	0	0	0	4.68		1.48	.0	0		5	4
HAGERSTOWN	82.2	61.8	72.0	-1.4	93.2	54.2	6	230	3	0	0	0	3.10	-1.49	1.12	.0	0		7	2
HANCOCK	82.7	59.6	71.2	-1.5	93.2	54.3	3	204	5	0	0	0	4.78	1.48	2.09	.0	0		5	3
--DIVISIONAL DATA----->			70.4	-1.9									4.35	.84		.0				2
ALLEGHENY PLATEAU 08																.0				
MC HENRY 2 NW	75.9	57.3	66.6		85.2	52.3	28	87	0	0	0	0	3.62		1.65	.0	0		7	2
OAKLAND 1 SE	76.4	56.5	66.5	-1.2	84.2	47.3	1	75	0	0	0	0	4.64	.04	2.45	.0	0		7	1
SAVAGE RIVER DAM	77.9	57.5	67.7	-1.9	86.1	51.3	19	111	0	0	0	0	3.74	.13	1.26	.0	0		6	3
--DIVISIONAL DATA----->			66.9	.1									4.00	-1.18		.0				1
DELAWARE																.0				
NORTHERN 01																.0				
NEWARK UNIVERSITY FARM	84.6	64.0	74.3	-1.2	91.1	58.3	0	296	3	0	0	0	6.47	1.97	1.22	.0	0		10	6
WILMINGTON WSO ARPT	83.2	65.9	74.6	-1.2	90.2	59.2	1	304	3	0	0	0	6.15	2.12	1.97	.0	0		8	3
WILMINGTON PORTER RSVR	83.0	66.6	74.8	1.1	92.4	60.2	2	314	3	0	0	0	6.98	2.56	2.65	.0	0		8	5
--DIVISIONAL DATA----->			74.6	.1									6.53	2.36		.0				1
SOUTHERN 02																.0				
DOVER	86.2	67.3	76.8	1.0	95.1	61.3	0	372	8	0	0	0	3.24	-1.88	1.30	.0	0		8	1
GEORGETOWN 5 SW	83.7	65.2	74.5	-1.4	90.2	57.3	0	301	1	0	0	0	7.11	1.68	2.45	.0	0		10	4
GREENWOOD 2 NE	82.3	65.3	73.8		89.1	57.3	0	278	0	0	0	0	4.22		1.50	.0	0		8	3
LEWES	83.7	68.5	76.1	1.8	91.2	63.3	0	354	3	0	0	0	7.99	2.63	3.26	.0	0		11	4
MILFORD 4 SE	83.3	65.7	74.5	-1.7	90.1	58.3	0	302	1	0	0	0	6.33	1.55	1.64	.0	0		12	5
--DIVISIONAL DATA----->			75.1	.0									5.78	.54		.0				1

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION (INCHES)

MARYLAND AND
DELAWARE
AUGUST 1990

STATION	TOTAL	DAY OF MONTH																															
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
MARYLAND																																	
SOUTHERN EASTERN SHORE 01																																	
ASSATEAGUE IS NATL SEA	M	-	-	-	-	-	.15	1.25	-	-	.05	.01	-	-	-	-	-	-	-	-	-	.01	-	2.02	.28	-	-	-	-	-	-	.35	
CRISFIELD SOMERS COVE	4.12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
PRINCESS ANNE	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
SALISBURY	4.28	-	-	-	-	-	.20	2.60	.02	-	.06	-	-	-	.72	-	-	-	-	-	-	.10	.01	.29	.14	.02	-	-	.02	-	.10		
SALISBURY FAA ARPT	4.56	-	-	-	-	-	.18	1.68	.12	.04	.12	1.40	-	.02	.02	-	-	-	-	-	.46	.01	.05	.34	.05	-	-	-	.07	-	-		
SNOW HILL 4 N	3.07	-	-	-	-	.31	.46	1.02	-	-	-	.08	-	-	.03	-	T	-	-	-	.53	.04	.15	.12	.05	.11	-	-	-	-	.17		
CENTRAL EASTERN SHORE 02																																	
CAMBRIDGE WATER TRMT P	6.49	-	-	-	-	-	.04	-	.14	2.66	.76	.20	-	.09	-	-	-	-	-	.04	.03	.70	.10	-	-	-	-	-	-	-	1.73		
ROYAL OAK 2 SSW	7.96	-	-	-	-	.63	.34	-	.55	1.95	.03	.05	-	1.15	-	-	-	-	-	-	.10	T	1.78	.96	.42	-	-	-	-	-	-		
VIENNA	3.15	-	-	.23	-	.16	1.31	-	-	-	.02	-	-	.25	-	-	-	-	-	-	.10	-	.50	.09	-	.34	-	-	-	-	.15		
LOWER SOUTHERN 03																																	
LA PLATA 1 W	6.28	-	-	-	.01	.42	-	-	2.15	.59	.10	-	-	.48	-	-	-	-	-	.02	.44	T	.61	1.44	.02	-	-	-	-	-	-		
MECHANICSVILLE 5 NE	6.81	-	-	-	T	.18	T	-	2.28	.82	.25	-	-	.42	-	-	-	-	-	.31	T	.32	2.22	.01	-	-	-	-	T	-	-		
OWINGS FERRY LANDING	8.91	-	-	-	-	.91	.43	-	2.13	.44	.30	.99	-	1.13	-	-	-	-	-	.55	.30	1.67	.06	-	-	-	-	-	-	-	-		
PATUXENT RIVER	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
TALL TIMBERS	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
UPPER SOUTHERN 04																																	
ANNAPOLIS POLICE BRKS	M 6.15	-	-	-	.00	1.00	-	-	1.51	.30	.07	-	-	1.80	-	-	-	-	-	-	.37	.04	.67	.30	.00	.08	-	-	-	-	.01		
BALTIMORE WSO ARPT	6.17	-	-	-	1.25	.49	-	-	1.77	.12	.03	-	.63	-	-	-	-	-	.08	.55	.23	.73	.01	T	.28	-	-	-	-	-	-		
BELTSVILLE	7.01	-	-	-	.15	2.59	.10	-	.33	1.71	.10	.02	.63	.22	-	-	-	.34	.29	.01	.14	.52	.09	.04	.36	.05	-	-	-	-	-		
COLLEGE PARK	6.83	-	-	-	.21	.91	-	-	1.95	-	-	-	.20	.16	-	-	-	.07	.25	.20	.50	.20	.41	.47	.24	.03	-	-	-	-	-		
DALECARLIA RESVR DC	7.97	-	-	-	.06	2.43	-	-	1.03	2.71	.05	-	.33	-	-	-	-	-	.01	.41	.02	.30	.60	.14	.17	-	-	-	-	-	-		
GLENN DALE BELL STN	5.91	-	-	-	1.37	.45	-	-	1.03	1.03	.05	-	-	.33	-	-	-	-	-	.01	.41	.02	.30	.60	.14	.17	-	-	-	-	-	-	
LAUREL 3 W	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
NATIONAL ARBORETUM DC	6.74	-	-	-	.03	1.68	.83	-	.19	2.22	.01	-	.53	-	-	-	-	-	.44	.02	.10	.55	.09	.04	.00	-	-	-	-	-	.01		
UPPER MARLBORO 3 NNW	8.97	-	-	-	1.87	.10	-	-	.21	2.02	.10	-	.00	2.78	.00	-	-	-	.40	.02	.23	1.17	.05	-	-	-	-	-	-	-	.02		
NORTHERN EASTERN SHORE 05																																	
CHESTERTOWN	8.71	-	-	-	.02	2.62	-	-	.57	.19	.03	-	2.86	T	-	-	-	-	.28	.31	.02	1.41	.26	T	.07	-	-	-	.07	-	-		
MILLINGTON 1 SE	5.81	-	-	-	.18	.51	.78	-	.15	1.50	.09	-	-	1.09	-	-	-	-	.05	.10	.02	.68	.40	.02	.03	-	-	-	-	-	.21		
NORTHERN CENTRAL 06																																	
ABERDEEN PHILLIPS FLD	7.59	-	-	-	*	2.04	.54	-	.89	.50	*	.31	-	.15	-	-	-	*	*	.31	.02	1.20	.40	T	*	*	.42	-	-	.81			
BALTIMORE WSO CITY	6.55	-	-	-	1.95	.75	-	-	1.58	.15	-	.60	-	.15	-	-	-	-	.54	.10	.76	.07	-	.05	-	-	-	-	-	-			
BENSON POLICE BARRACKS	8.98	-	-	-	.11	2.01	.49	-	1.33	.89	.03	.17	-	.28	-	-	-	.42	.55	.04	1.74	.18	.02	.02	-	-	-	-	-	-	.70		
BOYDS 2 NW	6.17	-	-	-	1.62	.39	-	-	.86	.66	-	-	.10	-	-	-	-	-	1.00	.20	.34	.70	-	-	-	-	-	-	-	-	-		
BRIGHTON DAM	7.70	-	-	-	1.00	1.60	-	-	1.10	1.40	-	-	.20	-	-	-	-	.40	.60	.10	.60	.70	-	-	-	-	-	-	-	-	-		
CATOCTIN MOUNTAIN PARK	5.19	-	-	-	.06	.84	-	-	.15	.15	-	-	.69	-	-	-	-	.23	1.68	.02	.60	.75	.02	-	-	-	-	-	-	-	-		
CLARKSVILLE 3 NNE	6.20	-	-	-	T	1.64	.23	-	1.15	1.24	T	-	.13	-	-	-	-	.19	.68	.01	.50	.15	.02	.24	-	-	-	-	-	.02			
CONOWINGO DAM	M 9.24	-	-	.12	2.11	1.75	-	-	T	1.55	-	.22	.30	-	-	-	-	-	.12	.20	1.76	.05	.05	-	-	-	-	-	-	.94			
DAMASCUS 2 SW	5.07	-	-	-	.02	1.70	-	-	.94	.93	-	-	.15	-	-	-	-	-	.67	.01	.51	.13	.01	T	-	-	-	-	-	T	-		
EMMITSBURG 2 SE	6.06	-	-	-	.32	1.10	-	-	.35	.32	.05	-	.35	-	-	.32	-	.02	1.30	.05	1.17	.60	.06	-	-	-	-	-	-	-	.05		
FREDERICK POLICE BRKS	4.15	-	-	-	-	1.17	-	-	.30	.08	-	.27	-	.04	-	-	-	-	-	1.26	.07	.34	.59	.03	-	-	-	-	-	-	-		
FREDERICK 3 E	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
MILLERS 4 NE	6.64	-	-	-	.63	1.68	T	-	.35	.98	.08	-	.23	-	-	-	-	.15	.36	.07	1.34	.30	.03	T	-	-	-	-	-	-	.44		
POTOMAC FILTER PLANT	6.26	-	-	-	2.05	.54	-	-	1.10	.84	-	-	.42	-	-	-	-	-	.62	.03	.45	.08	.01	.12	-	-	-	-	-	-	-		
ROCKVILLE 1 NE	6.44	-	-	-	2.00	.49	-	-	1.16	1.25	.01	-	.56	-	-	T	-	T	T	.54	.02	.38	.03	T	-	-	-	-	-	-	-		
TONSON	9.61	-	-	-	.17	1.95	1.82	-	2.01	.38	-	.07	-	-	-	-	-	.02	.58	.30	1.00	1.10	.20	-	.01	-	-	-	-	-	-		
UNIONVILLE	4.48	-	-	-	.92	.01	-	-	.53	.69	-	-	-	-	-	-	-	.12	.50	.02	1.06	1.15	.05	-	-	-	-	-	-	-	.06		
WESTMINSTER POLICE BRK	5.31	-	-	-	1.10	.13	-	-	1.10	.13	-	-	.25	-	-	-	-	.01	.50	.02	1.10	.14	.05	-	-	-	-	-	-	-	.15		
WOODSTOCK	5.78	-	-	-	.05	1.87	.12	-	.81	.91	-	-	.17	-	-	-	-	-	.88	.03	.56	.17	-	-	-	.06	-	-	-	-	-		

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION (INCHES)

MARYLAND AND
DELAWARE
AUGUST 1990

STATION		TOTAL	DAY OF MONTH																														
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
APPALACHIAN MOUNTAIN 07																																	
CUMBERLAND 2		4.84					.50						.36								1.22		.92	1.38	.46							T	
EDGEHONT		4.44				.02	.39	.16			.13	.03	T		.86					.15	1.67	.25	.24	.34	.20								
FROSTBURG 2		4.68	T				.21	.02			.02	T			.04					T	.67	.08	.82	1.48	1.22	.07							
HAGERSTOWN		3.10				.01	.26	.08			.11	.04			.52					.05	1.12	.09	.28	.30	.21	.03				.04		.01	
HANCOCK		4.78					.37	.03													2.09	.01	1.10	.72	.45						.01		
ALLEGHENY PLATEAU 08																																	
MC HENRY 2 NW		3.62	T			.05	.19					T			.30						.28	T	.68	1.65	.18	.01						.28	
MERRILL		3.02					.25				.03										.30		.80	1.35	.08				.11	.10			
OAKLAND 1 SE		4.64				.45	.46				.03			.49	.05						.30	.05	.12	.12	2.45	.03			.06		.03		
SAVAGE RIVER DAM		3.74				T	.28				.01	.01			.29					T	.49	.02	.70	1.26	.58	.01			.01			.08	
DELAWARE NORTHERN 01																																	
NEWARK UNIVERSITY FARM		6.47				.35	.97	.99		.51	1.22	.17			.10						.05	.02	.67	.04						.45	.93		
WILMINGTON WSO ARPT R		6.15				1.08	1.40			.35	.40	.07		.14						T	.03	.05	.48	.03		.13		.02		1.97			
WILMINGTON PORTER RSVR		6.98				.80	2.65	.09		.29	.37			.12	.03					T	.05	.06	.92	.02		.76				.82			
SOUTHERN 02																																	
DOVER		3.24	.05				.25	.17		.27	.20	.07			1.30					.09	.03	.03	.43	.03	.02	.14	.02				.14		
GEORGETOWN 5 SW		7.11	.11				.30	2.45			.15	.27			1.15	.02					1.55	.26	.21	.08	.03						.53		
GREENWOOD 2 NE		4.22					.10	.36		.00	1.50				.49					.58	.67	.30	.02								.20		
LEWES		7.99	.17				.41	1.78		.01	.12	.08		.11	.65					3.26	.13	.04	.11	T	T	.40	.09				.63		
MILFORD 4 SE		6.33	.20					.98		.24	.89		.12		.17					.06	.77	.27	.11			.10	.78				1.64		

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES (°F)

MARYLAND AND
DELAWARE
AUGUST 1990

STATION	OB. TIME	MAX/MIN	DAY OF MONTH																															AVERAGE
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
MARYLAND																																		
SOUTHERN EASTERN SHORE 01																																		
ASSATEAGUE IS NATL SEA	17	MAX																																M
		MIN																																M
CRISFIELD SOMERS COVE	17	MAX	85	80	83	85	84	82	82	87	84	83	84	86	84	87	86	86	89	88	85	86	74	80	82	79	84	86	87	87	91	86	86	84.5
		MIN	69	66	67	67	74	77	72	73	72	73	74	75	74	74	71	70	70	70	78	70	65	68	69	69	69	69	78	78	74	69	65	71.3
PRINCESS ANNE	17	MAX																																M
		MIN																																M
SALISBURY	17	MAX	88	82	86	86	85	84	84	84	84	83	86	88	92	88	85	83	87	89	87	87	74	77	75	79	86	89	91	89	91	88	83	85.2
		MIN	64	60	62	65	67	73	71	68	70	70	69	68	69	69	65	66	64	65	69	67	62	65	67	67	66	69	71	70	70	63	59	66.8
SALISBURY FAA ARPT	MID	MAX	82	83	88	88	86	87	85	86	84	84	86	89	91	85	85	83	87	90	88	71	73	77	75	78	85	89	88	91	91	80	80	84.4
		MIN	61	58	59	62	65	73	70	70	72	72	71	67	69	67	63	64	63	64	67	67	64	67	68	66	65	67	70	70	68	64	60	66.2
SNOW HILL 4 N	18	MAX	85	84	88	88	86	85	84	85	85	85	88	89	91	87	86	87	88	89	90	86	73	77	76	76	88	90	93	93	95	88	83	86.1
		MIN	62	56	65	59	60	72	72	67	72	71	69	66	67	68	61	64	61	62	68	69	65	67	69	69	64	66	69	69	68	66	57	65.8
CENTRAL EASTERN SHORE 02																																		
CAMBRIDGE WATER TRMT P	16	MAX	90	83	83	89	85	87	84	87	86	83	83	86	90	88	88	85	88	88	87	83	73	75	75	78	85	88	90	93	91	90	83	85.3
		MIN	67	66	62	63	70	73	72	66	71	69	69	69	71	72	68	67	66	66	72	66	62	66	67	68	67	69	72	73	69	64	61	67.8
ROYAL OAK 2 SSW	18	MAX	85	84	87	88	84	82	85	86	83	84	86	88	90	85	86	82	89	90	90	84	73	73	76	79	86	89	91	92	90	85	85	85.1
		MIN	65	58	59	65	71	71	71	63	65	66	67	66	68	69	63	65	64	65	74	63	62	64	65	67	65	68	68	68	68	62	58	65.6
VIENNA	18	MAX	90	84	83	90	87	84	85	88	83	88	88	91	91	88	88	86	89	91	90	88	75	76	75	77	87	91	91	94	90	90	85	86.5
		MIN	59	56	63	60	64	70	66	63	66	68	65	65	66	64	61	61	69	63	68	61	57	60	61	61	61	60	65	66	65	58	54	62.8
LOWER SOUTHERN 03																																		
LA PLATA 1 W	18	MAX	83	79	84	85	85	80	79	82	73	75	81	83	87	86	82	82	83	85	85	81	68	71	72	75	83	84	85	88	84	81	81	81.0
		MIN	62	58	58	61	71	72	65	60	61	67	69	66	70	68	63	66	67	65	71	64	61	62	65	69	66	69	68	69	69	63	58	65.3
		OBS			69																													
MECHANICSVILLE 5 NE	19	MAX	81	80	84	86	82	80	81	82	72	79	82	84	87	82	83	83	85	85	86	77	68	71	74	76	83	85	87	88	84	80	80	81.2
		MIN	61	57	56	61	68	72	66	59	64	67	69	66	67	69	62	62	66	64	70	63	61	65	67	69	65	68	69	69	70	62	57	64.9
OWINGS FERRY LANDING	17	MAX	87	82	85	85	85	80	82	82	81	79	83	86	88	87	84	83	85	86	85	85	69	70	71	77	84	87	88	90	88	85	85	83.0
		MIN	61	58	57	60	70	69	67	60	64	66	69	64	67	67	63	65	67	64	70	62	60	64	66	68	65	69	68	68	67	62	58	64.7
PATUXENT RIVER	MID	MAX																																M
		MIN																																M
TALL TIMBERS	17	MAX																																M
		MIN																																M
UPPER SOUTHERN 04																																		
ANNAPOLIS POLICE BRKS	17	MAX	89	87	89	89	88	84	85	86	77	83	86	89	91	89	87	87	90	91	89	80	72	71	73	79	85	88	91	94	88	84	84	85.3
		MIN	57	58	57	60	65	63	64	60	63	61	63	61	66	63	59	62	63	64	68	56	53	59	60	62	61	60	64	64	64	55	52	60.9
BALTIMORE WSO ARPT	MID	MAX	83	85	89	88	82	80	83	85	72	80	85	88	90	86	84	86	87	88	87	69	71	69	72	79	85	89	89	91	88	83	83	83.1
		MIN	61	60	62	64	68	70	68	66	67	67	70	67	69	69	66	68	66	66	69	62	61	65	66	69	67	67	69	69	66	62	60	66.0
BELTSVILLE	08	MAX	88	83	84	88	88	82	78	82	86	69	76	86	89	90	86	85	85	87	90	90	66	70	69	71	80	87	90	91	93	90	84	83.3
		OBS																																
		MIN	60	56	57	60	63	70	68	60	64	65	65	64	66	68	63	65	65	63	70	62	60	61	65	65	66	68	67	68	68	60	57	63.8
COLLEGE PARK	09	MAX	81	82	84	87	87	81	76	86	80	73	82	88	92	93	89	89	85	89	91	88	63	70	68	73	80	87	90	92	94	89	83	83.6
		OBS																																
		MIN	60	58	59	68	68	69	65	63	70	70	70	66	70	73	68	71	71	65	72	62	62	62	66	67	69	68	70	68	71	63	60	66.6
		OBS																																
DALECARLIA RESVR DC	17	MAX	87	85	87	90	86	82	83	87	84	75	85	88	92	92	88	86	89	89	88	87	72	70	72	81	87	90	90	92	92	87	89	85.5
		MIN	55	53	55	55	62	54	59	54	60	67	61	58	64	62	60	68	60	59	65	55	54	57	59	61	59	62	62	65	63	56	53	59.3
		OBS			70																													

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES (°F)

MARYLAND AND
DELAWARE
AUGUST 1990

STATION	OB. TIME	MAX/MIN	DAY OF MONTH																															AVERAGE	
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
GLENN DALE BELL STN	16	MAX MIN OBS	87 57 52	83 52 56	88 56 61	86 61 69	85 69 68	81 65 59	82 65 59	83 59 63	85 63 66	74 66 66	84 66 63	86 63 65	90 65 66	90 66 61	85 61 64	85 64 64	87 64 62	84 62 70	88 70 60	88 60 59	70 59 63	70 63 64	75 66 66	76 63 52	86 62 65	90 65 66	92 66 66	93 66 58	88 58 56	85 56 62	83.7 62.7		
LAUREL 3 W	MID	MAX MIN																																M M	
NATIONAL ARBORETUM DC	08	MAX OBS MIN	90 64 60	85 60 60	85 60 61	91 61 70	90 70 70	85 70 62	82 70 62	84 62 64	86 60 66	69 66 69	77 69 60	86 60 65	89 65 66	92 66 67	85 67 68	87 67 68	86 67 68	89 61 61	91 68 64	89 65 61	65 62 66	72 66 66	70 66 66	73 66 66	80 66 70	89 67 67	91 68 70	92 68 70	94 63 63	91 60 60	84 60 60	84.5 65.5	
UPPER MARLBORO 3 NNW	08	MAX MIN	89 56	84 51	85 52	87 55	87 60	83 66	81 64	83 55	85 61	71 62	78 64	84 61	87 62	90 62	83 58	85 60	85 61	86 59	88 63	88 59	65 56	71 57	70 62	72 62	78 62	86 63	89 63	90 64	92 69	90 56	83 53	83.1 59.9	
NORTHERN EASTERN SHORE	05																																		
CHESTERTOWN	23	MAX MIN	83 62	85 59	89 61	88 66	84 69	80 69	84 69	87 64	71 65	81 65	86 67	88 65	90 67	84 65	86 62	86 65	89 65	89 66	88 65	68 59	71 59	69 62	71 63	78 65	86 64	88 67	90 69	92 68	88 65	84 60	86 58	83.5 64.4	
MILLINGTON 1 SE	18	MAX MIN	82 61	83 55	88 58	88 62	83 65	85 70	82 70	85 63	82 66	85 66	86 69	88 66	83 67	84 61	84 64	85 64	87 63	88 68	88 63	71 61	70 64	73 64	80 64	84 67	87 66	89 67	90 66	89 68	84 61	84 58	83.7 64.3		
NORTHERN CENTRAL	06																																		
ABERDEEN PHILLIPS FLD	16	MAX OBS MIN OBS	86 61 61 60	83 61 61 60	87 60 63 67	88 *** 63 67	84 *** 67 72	78 *** 66 67	82 69	86 66	83 67	80 66	84 69	85 66	88 67	88 67	83 64	84 67	86 66	88 64	87 70	85 62	70 60	68 67	72 65	79 64	84 *** 67	90 66 66	91 69	91 67	85 70	82 63	83.6 65.5		
BALTIMORE WSO CITY	MID	MAX MIN	86 67	87 66	92 71	92 75	83 73	80 73	88 74	87 70	75 67	80 68	89 72	91 72	94 73	88 71	88 74	90 75	90 74	91 75	70 61	71 61	70 67	73 66	81 70	88 67	93 74	95 77	97 77	93 70	84 67	86 70	85.8 70.5		
BENSON POLICE BARRACKS	17	MAX MIN	86 58	86 56	91 59	90 59	88 60	79 63	85 60	86 63	84 61	79 61	85 65	88 63	90 63	90 61	87 62	88 62	90 60	90 67	87 55	70 55	70 58	74 60	80 62	88 61	91 62	92 66	95 66	95 66	88 56	88 55	86.1 61.4		
BOYDS 2 NW	18	MAX MIN	82 59	82 59	86 60	85 63	82 68	77 68	79 64	82 60	78 63	74 64	82 65	83 66	87 65	82 65	83 65	85 65	85 65	80 65	67 58	69 58	69 58	83 65	84 65	87 68	89 68	89 72	84 67	79 60	80 58	81.0 61.4			
CATOCTIN MOUNTAIN PARK	17	MAX MIN	77 56	76 57	79 62	79 65	72 59	75 67	76 61	76 60	68 62	77 61	77 63	82 66	80 60	78 63	79 64	80 65	81 65	80 67	75 54	60 55	60 56	63 58	72 63	72 65	77 65	80 67	82 66	84 68	86 67	80 58	75 59	76.3 62.0	
CLARKSVILLE 3 NNE	17	MAX MIN	85 55	83 51	86 53	89 56	85 68	81 70	83 66	84 57	84 61	75 65	86 66	89 61	90 63	88 66	87 60	90 62	90 61	88 60	87 68	69 64	71 58	80 67	85 67	89 63	91 66	90 63	93 64	93 67	83 57	85 54	84.6 62.0		
CONOWINGO DAM	MID	MAX OBS MIN OBS	87 62 58 57	92 58 57 60	93 60 62 67	92 62 67 67	83 67 61 64	87 62 62 63	89 63 62 63	88 63 62 63	83 59	87 64	90 61	90 61	90 62	89 64	88 62	92 64	91 63	91 65	90 57	74 58	72 60	76 60	83 63	86 62	92 64	94 64	94 65	96 63	86 62	86 62	87.8 62.0		
DAMASCUS 2 SW	19	MAX OBS MIN OBS	82 57 55 60	82 55 60 63	87 63 69 69	87 63 69 55	79 64 59 63	76 63 63 63	80 63 66 63	82 68 64 64	79 64 64 67	72 67 63 66	83 66 63 66	85 68 63 66	84 70 58 58	88 62 62 65	85 65 67 66	86 66 67 66	88 66 67 66	85 69 67 67	79 68 62 65	66 65 66 66	65 62 62 65	68 65 67 66	79 65 67 66	84 66 67 66	87 69 67 66	87 69 67 66	92 69 67 66	85 67 67 66	81 59 57 57	82 57 53 61	81.5 63.5		
EMMITSBURG 2 SE	17	MAX MIN	82 59	82 51	85 53	84 57	83 67	77 70	81 66	82 65	80 67	74 64	82 64	84 61	87 61	86 62	83 61	82 60	85 62	85 62	83 67	66 57	85 66	83 66	66 63	68 66	77 66	83 64	86 66	88 66	89 66	88 57	80 53	81.4 61.4	
FREDERICK POLICE BRKS	17	MAX OBS MIN	86 63 60	85 60 60	88 60 63	89 72 69	88 67 61	81 65 65	84 67 61	85 61 65	85 65 65	76 65 65	83 67 65	87 65 65	90 67 65	86 66 64	86 67 64	88 67 67	89 65 64	89 67 67	85 71 58	66 60 60	67 62 63	68 63 67	81 66 72	87 67 72	89 67 75	90 69 69	93 69 60	94 68 58	85 58 58	84.7 65.2			
MILLERS 4 NE	18	MAX MIN	79 60	81 56	86 61	84 63	82 66	75 68	80 66	82 61	81 60	73 64	82 67	84 62	87 66	82 62	83 62	83 64	85 62	85 63	82 66	79 55	64 58	65 61	68 62	75 65	83 63	85 65	86 67	88 68	89 67	88 59	80 56	81 56	80.5 62.7
ROCKVILLE 1 NE	MID	MAX MIN	82 60	82 61	86 59	86 62	80 70	76 69	80 66	82 63	68 65	74 65	84 67	85 67	89 70	82 65	84 65	86 64	86 65	86 64	86 60	71 59	68 60	68 63	70 65	78 68	83 63	85 65	87 66	89 67	85 68	81 59	80 59	80.8 65.1	
TOWSON	18	MAX MIN	82 60	83 59	87 66	88 67	86 72	78 69	82 68	83 64	78 64	85 67	85 67	89 69	87 66	83 66	84 67	87 66	89 67	85 67	84 70	68 58	68 62	71 63	78 66	84 65	88 68	87 69	91 68	88 70	82 67	83 61	82.9 65.6		
UNIONVILLE	17	MAX MIN	83 53	83 50	86 52	86 56	84 70	78 70	82 63	83 55	79 60	74 65	83 65	85 59	85 63	87 63	88 60	85 62	82 67	67 68	70 58	79 59	62 62	63 63	66 66	62 65	88 65	88 62	89 64	92 65	87 54	82 52	84 52	82.6 60.8	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES (°F)

MARYLAND AND
DELAWARE
AUGUST 1990

STATION	OB. TIME	MAX/MIN	DAY OF MONTH																															AVERAGE
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
WESTMINSTER POLICE BRK	17	MAX MIN	85 54	85 52	88 61	87 63	87 68	80 68	81 64	84 58	85 64	70 62	83 64	85 62	91 64	90 63	89 62	85 65	89 64	91 63	89 66	84 54	67 55	68 57	68 59	77 62	86 63	87 65	89 68	91 70	91 67	85 58	83 55	83.9 61.9
WOODSTOCK	18	MAX MIN	84 64	85 63	90 56	90 60	83 70	79 70	84 66	85 60	82 64	76 65	86 67	87 63	91 65	86 66	85 62	87 65	89 63	90 62	87 70	83 60	69 59	68 62	70 63	81 66	86 64	90 67	90 67	93 67	88 60	85 56	84 56	84.3 63.8
APPALACHIAN MOUNTAIN	07																																	
CUMBERLAND 2	18	MAX MIN	83 55	84 55	87 57	90 63	87 69	83 62	82 56	82 58	80 62	80 62	86 61	91 60	85 59	87 60	87 59	90 60	87 63	90 67	90 62	78 59	65 60	66 61	66 63	74 65	86 64	89 64	91 65	94 64	89 57	83 56	84 56	83.4 60.8
FROSTBURG 2	07	MAX MIN	71 54	73 53	75 52	78 58	82 60	73 65	78 59	73 53	74 52	69 58	73 58	76 56	79 58	82 57	76 57	79 56	79 58	82 58	79 59	83 61	62 54	58 55	60 57	62 58	67 62	78 58	80 59	82 65	85 60	76 54	74 53	74.8 57.3
HAGERSTOWN	08	MAX MIN	83 58	82 58	84 57	87 61	87 70	80 68	78 63	83 59	84 62	70 62	77 63	86 62	86 65	90 61	84 60	85 61	86 62	88 65	89 69	87 59	63 58	67 60	67 61	69 63	79 66	86 65	88 66	91 65	93 54	87 58	82 56	82.2 61.8
HANCOCK	08	MAX MIN	83 55	82 55	85 54	88 56	88 57	80 68	80 60	81 55	83 57	72 61	78 61	85 59	86 60	92 59	84 57	88 57	88 56	90 58	91 60	88 61	65 60	66 61	67 62	69 67	83 66	85 65	87 62	90 64	93 64	87 58	81 54	82.7 59.6
ALLEGHENY PLATEAU	08																																	
MC HENRY 2 NW	08	MAX MIN	65 53	74 53	79 55	82 58	81 62	70 62	77 54	73 52	76 54	71 57	80 57	74 57	81 58	80 55	76 57	80 58	81 60	83 61	78 61	80 64	72 54	65 54	62 56	65 58	70 61	80 60	81 61	82 61	85 60	73 52	78 52	75.9 57.3
OAKLAND 1 SE	17	MAX MIN	73 53	76 48	79 49	81 55	78 67	75 64	73 57	74 47	73 56	75 56	74 55	80 55	81 53	74 54	77 53	79 52	82 55	81 65	82 65	73 56	73 56	64 57	64 59	71 62	78 61	81 58	81 59	84 63	83 59	74 56	76 47	76.4 56.5
SAVAGE RIVER DAM	08	MAX MIN	72 54	76 51	80 51	83 54	85 59	75 66	80 59	74 52	77 54	72 58	75 57	77 59	81 58	85 57	80 56	86 56	84 55	85 56	82 60	85 63	65 56	63 57	64 59	65 61	72 63	83 61	85 62	85 64	80 56	80 58	80 52	77.9 57.5
DELAWARE																																		
NORTHERN	01																																	
NEWARK UNIVERSITY FARM	17	MAX MIN	83 60	84 59	88 61	90 64	87 67	82 70	83 69	85 62	82 61	82 65	86 68	87 65	91 65	89 66	87 61	85 65	89 63	89 64	88 68	84 60	70 59	69 63	74 63	81 66	84 65	89 66	89 70	90 67	89 67	82 58	85 59	84.6 64.0
WILMINGTON WSO ARPT	MID	MAX MIN	85 61	86 59	90 65	90 67	81 70	82 72	84 68	86 65	74 67	81 67	85 69	88 67	89 69	84 66	85 64	85 68	87 66	86 68	87 65	66 62	69 63	70 65	75 65	80 68	84 66	89 70	89 68	90 68	87 64	83 61	83 61	83.2 65.9
WILMINGTON PORTER RSVR	MID	MAX MIN	81 62	83 67	88 67	92 69	83 70	91 72	84 69	90 66	78 65	79 67	85 69	87 67	88 69	82 67	84 68	83 68	88 68	85 68	88 66	68 60	68 62	73 64	79 67	84 64	88 67	88 71	89 68	85 67	81 62	85 62	83.0 66.6	
SOUTHERN	02																																	
DOVER	17	MAX MIN	88 62	86 61	89 64	90 69	86 64	86 70	85 70	88 71	84 69	80 70	87 69	89 71	95 71	93 67	89 68	89 71	88 70	92 68	90 71	83 63	70 61	74 61	74 65	78 67	86 67	88 68	91 71	91 71	90 69	87 66	86 61	86.2 67.3
GEORGETOWN 5 SW	08	MAX MIN	88 62	81 57	82 57	88 64	86 66	89 60	85 71	85 69	84 68	82 69	86 68	88 71	80 67	89 68	83 62	85 63	84 62	87 67	89 62	86 67	69 62	73 62	73 66	73 68	81 68	85 71	88 68	89 68	90 68	86 64	80 57	83.7 65.2
GREENWOOD 2 NE	18	MAX MIN	81 62	82 58	87 59	87 62	85 65	82 71	83 71	85 67	79 69	79 69	85 69	87 67	89 67	82 67	83 62	82 64	85 63	86 62	84 68	74 64	70 61	71 65	74 65	77 70	85 70	86 65	86 69	87 67	85 66	82 62	81 57	82.3 65.3
LEWES	17	MAX MIN	83 63	81 69	87 64	87 64	87 70	86 73	81 71	83 72	83 72	86 71	86 71	87 70	90 71	88 70	86 66	86 67	85 67	86 67	86 71	76 64	71 68	73 68	71 69	73 69	82 67	86 69	89 69	91 72	90 71	87 66	82 63	83.7 68.5
MILFORD 4 SE	17	MAX MIN	83 62	83 58	87 60	87 63	84 65	86 72	82 71	84 67	86 70	82 70	84 69	87 67	90 68	85 69	83 62	84 65	84 62	84 63	87 68	79 67	73 62	73 68	72 68	76 68	83 64	88 66	89 71	89 69	89 68	85 63	80 58	83.3 65.7

SEE REFERENCE NOTES FOLLOWING STATION INDEX

MARYLAND AND
DELAWARE
AUGUST 1990

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

STATION INDEX

MARYLAND AND
DELAWARE
AUGUST 1990

STATION	INDEX NO.	DIVISION	COUNTY	LATITUDE	LONGITUDE	ELEVATION (IN FEET)	OBSERVATION TIME AND TABLES				OBSERVER
							LOCAL STD TIME				
							TEMP	PRECIP	EVAP	SPECIAL (SEE NOTES)	
MARYLAND ABERDEEN PHILLIPS FLD ANNAPOLIS POLICE BRKS ASSATEAGUE IS NATL SEA BALTIMORE WSO ARPT BALTIMORE WSO CITY # BELTSVILLE BENSON POLICE BARRACKS BOYDS 2 NW	001506 019304 033501 046504 047006 070004 073206 103206	R R	HARFORD ANNE ARUNDEL WORCESTER ANNE ARUNDEL BALTIMORE CI PRINCE GEORG HARFORD MONTGOMERY	39 28 38 59 38 14 39 11 39 17 39 20 39 30 39 13	76 10W 76 30W 75 8W 76 40W 76 37W 76 53W 76 23W 77 20W	57 30 7 148 14 120 365 581	16 17 17 MID MID MID 08 17 18	16 17 07 MID MID MID 08 17 18	C H H H C C H H	ROSS AVIATION INC ANNAPOLIS POLICE BRKS NATIONAL PARK SERVICE NATL WEATHER SERVICE OCMI COMMANDING OFFICER US DEPT OF AGRICULTURE MARYLAND STATE POLICE HUNTER F STALEY	
BRIGHTON DAM CAMBRIDGE WATER TRMT P CATOCTIN MOUNTAIN PARK CHESTERTOWN CLARKSVILLE 3 NNE COLLEGE PARK CONOWINGO DAM CRISFIELD SOMERS COVE CUMBERLAND 2	112506 138502 153006 175005 186206 199504 206006 221501 228207		MONTGOMERY DORCHESTER FREDERICK KENT HOWARD PRINCE GEORG HARFORD SOMERSET ALLEGANY	39 12 38 34 39 39 39 13 39 15 38 59 39 39 39 59 39 38	77 1W 76 4W 77 29W 76 4W 76 56W 76 57W 76 10W 75 52W 78 45W	331 10 1610 39 365 90 39 8 730	MID 16 17 23 17 09 MID 17 18	16 16 17 23 17 09 MID 17 07	C H H H H C H H H	WASH SUB SANY COMM WASTEWATER TRMT PLANT CATOCTIN MOUNTAIN PARK THOMAS W ELIASON JR UNIVERSITY OF MARYLAND UNIVERSITY OF MARYLAND SUSQUEHANNA ELECTRIC CO SOMERS COVE MARINA TIMOTHY B THOMAS	
DALECARLIA RESVR DC DAMASCUS 2 SW DENTON 2 E EDGEMONT EMMITSBURG 2 SE FREDERICK POLICE BRKS FREDERICK 3 E FROSTBURG 2 GLENN DALE BELL STN	232504 233506 252302 277007 290606 334806 335506 341507 367504		DIS COLUMBIA MONTGOMERY CAROLINE WASHINGTON FREDERICK FREDERICK FREDERICK ALLEGANY PRINCE GEORG	38 56 39 16 38 53 39 40 39 41 39 25 39 24 39 40 38 58	77 7W 77 14W 75 48W 77 33W 77 18W 77 26W 77 22W 78 56W 76 48W	151 722 49 905 420 381 385 2172 151	17 19 17 07 17 17 17 07 16	17 19 17 07 17 17 17 07 16	H H H H H H H H H	U S CORPS OF ENGINEERS RICHARD W SCHWERDT INACTIVE 04/01/90 JOHN W HARNE MRS LUCILLE K BEALE MARYLAND STATE POLICE MISS I MARY STALEY LEE K CLOSE USDA PLT INTRODUCT STN	
HAGERSTOWN HANCOCK LA PLATA 1 W LAUREL 3 W MC HENRY 2 NW MECHANICSVILLE 5 NE MERRILL MILLERS 4 NE MILLINGTON 1 SE	397507 403007 508003 511104 583208 586503 589408 593406 598505		WASHINGTON WASHINGTON CHARLES PRINCE GEORG GARRETT ST MARYS GARRETT CARROLL KENT	39 39 39 42 38 32 39 6 39 35 38 27 39 36 39 43 39 16	77 44W 78 11W 77 0W 76 54W 79 22W 76 41W 79 5W 76 48W 75 52W	659 428 140 400 2680 100 1791 860 30	08 08 18 MID 08 19 09 18 18	08 08 18 MID 08 19 09 18 18	C H H C H H H C H	HAGERSTOWN RESERVOIR TOWN OF HANCOCK C RUSSELL LEVERING WASH SUB SANY COMM JOSEPH F JOHENNING SANDRA J HASTINGS DELWOOD E MERRILL ROBERT P MILLER HOWARD L HARVEY	
NATIONAL ARBORETUM DC OAKLAND 1 SE OWINGS FERRY LANDING PATUXENT RIVER POTOMAC FILTER PLANT PRINCESS ANNE ROCKVILLE 1 NE ROYAL OAK 2 SSW SALISBURY	635004 662008 677003 691503 727206 733001 770506 780602 800001		DIS COLUMBIA GARRETT CALVERT ST MARYS MONTGOMERY SOMERSET MONTGOMERY TALBOT WICOMICO	38 54 39 24 38 41 38 20 39 2 38 13 39 6 38 43 38 22	76 59W 79 24W 76 40W 76 25W 77 15W 75 41W 77 6W 76 11W 75 35W	49 2421 160 38 269 20 440 10 10	08 17 17 MID 08 17 MID 18 17	08 17 17 MID 08 17 17 18 17	H H H C H H H H H	U S NATL ARBORETUM BEA J CROSCO JAMES C RASMUSSEN NAVAL WEATHER SERVICE POTOMAC WATER FILT PLT UNIV OF MD EASTERN SHORE WASHINGTON GAS AND LIGHT JOHN L SWAINE JR CITY OF SALISBURY	
SALISBURY FAA ARPT # SAVAGE RIVER DAM SNOW HILL 4 N TALL TIMBERS TOWSON UNIONVILLE UPPER MARLBORO 3 NNW VIENNA WESTMINSTER POLICE BRK	800501 806508 838001 875703 887706 903006 907004 914002 944006		WICOMICO GARRETT WORCESTER ST MARYS BALTIMORE FREDERICK PRINCE GEORG DORCHESTER CARROLL	38 20 39 31 38 14 38 10 39 23 39 27 38 52 38 29 39 33	75 31W 79 8W 75 23W 76 33W 76 34W 77 11W 76 47W 75 50W 76 58W	48 1495 30 12 390 430 98 10 765	MID 08 18 17 18 17 08 18 17	MID 08 18 17 18 07 08 18 17	H H H H C H H H H	FAA US CORPS OF ENGINEERS CURTIS E SHOCKLEY RICHARD A EVERETT BENDIX FRIEZ RICHARD GETZANDANNER UNIVERSITY OF MARYLAND DELMARVA POWER & LIGHT MARYLAND STATE POLICE	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

MARYLAND AND
DELAWARE
AUGUST 1990

STATION	INDEX NO.	DIVISION	COUNTY	LATITUDE	LONGITUDE	ELEVATION (IN FEET)	OBSERVATION TIME AND TABLES				OBSERVER
							LOCAL STD TIME				
							TEMP	PRECIP	EVAP	SPECIAL (SEE NOTES)	
WOODSTOCK	9750	06	BALTIMORE	39 20	76 52W	459	18	18		H	JOHN A HILTZ
DELAWARE											
DOVER	2730	02	KENT	39 9	75 31W	30	17	17		H	STATE DIV OF HIGHWAYS
GEORGETOWN 5 SW	3570	02	SUSSEX	38 38	75 27W	45	08	08	08C	H	UNIV OF DEL SUBSTATION
GREENWOOD 2 NE	3595	02	SUSSEX	38 50	75 35W	45	18	18		H	DANIEL M SWARTZENTRUBER
LEWES	5320	02	SUSSEX	38 46	75 8W	15	17	17		H	BOARD OF PUBLIC WORKS
MILFORD 4 SE	5915	02	SUSSEX	38 54	75 28W	30	17	17		H	DAVID S SCHLOTT
NEWARK UNIVERSITY FARM	6410	01	NEW CASTLE	39 40	75 44W	90	17	17	17C	H	UNIV OF DEL AGRIC FARM
WILMINGTON WSO ARPT	9595	01	NEW CASTLE	39 40	75 36W	79	MID	MID		HJ	NATL WEATHER SERVICE
WILMINGTON PORTER RSVR	9605	01	NEW CASTLE	39 46	75 32W	274	MID	MID		H	WATER DEPARTMENT

SEE REFERENCE NOTES FOLLOWING STATION INDEX

REFERENCE NOTES

MARYLAND AND
DELAWARE
AUGUST 1990

DEFINITIONS

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

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

NORMALS: The average value of the meteorological element over a time period. Effective 1 January 1983, the averaging period is 1951 to 1980. The normals for National Weather Service localities have been adjusted so as to be representative for the current observation site.

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

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

TEMPERATURE: Original and edited temperature values are given in the Daily Temperature Table. Edited values are produced when an original value is missing or when surrounding stations indicate a suspect original value. When a line labeled OBS is present and contains either a daily temperature (suspect) or *** (missing), the temperature appearing directly above, on the line labeled MAX or MIN, is an edited value. Summary temperature information (averages, departures, extremes, monthly degree day totals) is based on the values labeled MAX/MIN.

WIND: IAs 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. AUGUST 1990-0585

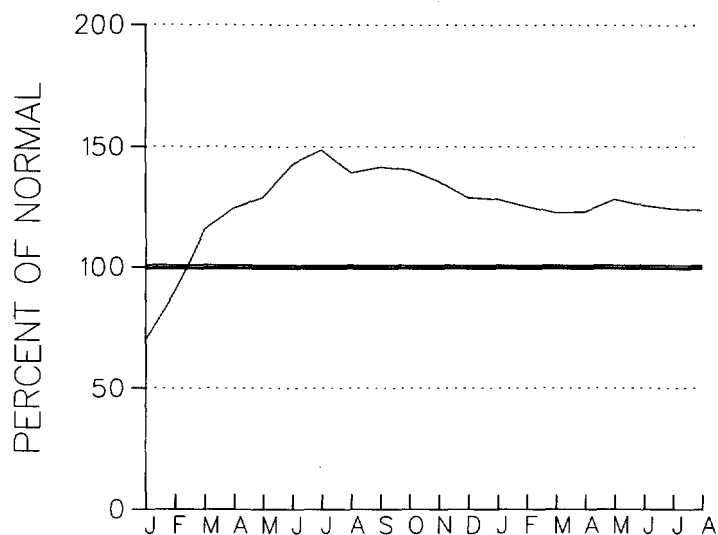
CUMULATIVE PRECIPITATION DEPARTURES FROM NORMAL (1951-1980) FOR THE LAST 20 MONTHS ENDING AUGUST 1990 MARYLAND

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

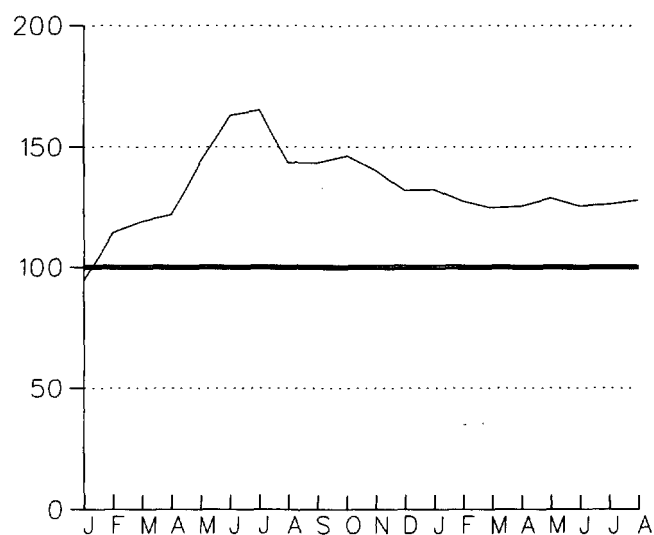
CLUSTER 2 -DIVISION(S):
UPPER SOUTHERN 04
NORTHERN EASTERN SHORE 05

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

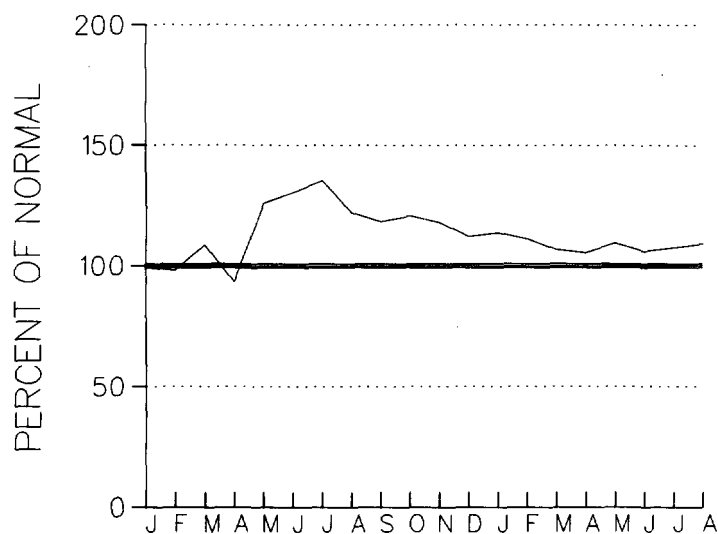
CLUSTER 4 -DIVISION(S):
ALLEGHENY PLATEAU 08



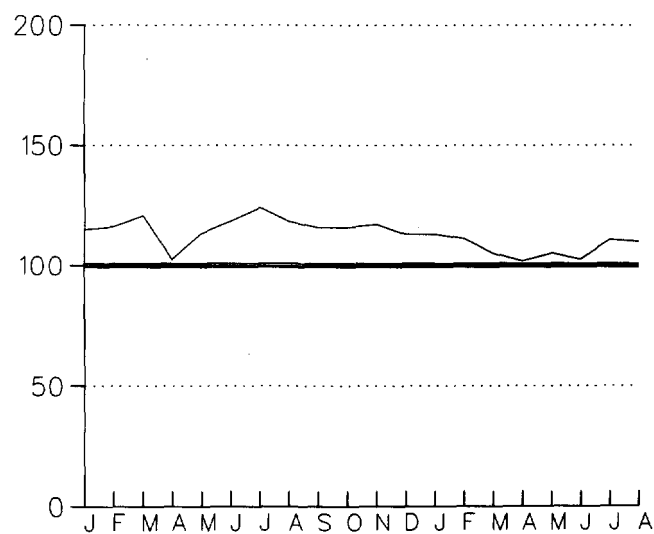
CLUSTER 1



CLUSTER 2



CLUSTER 3

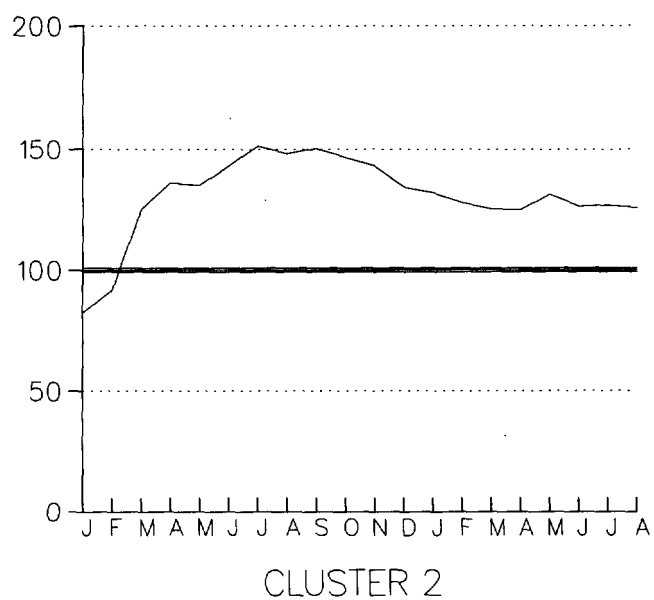
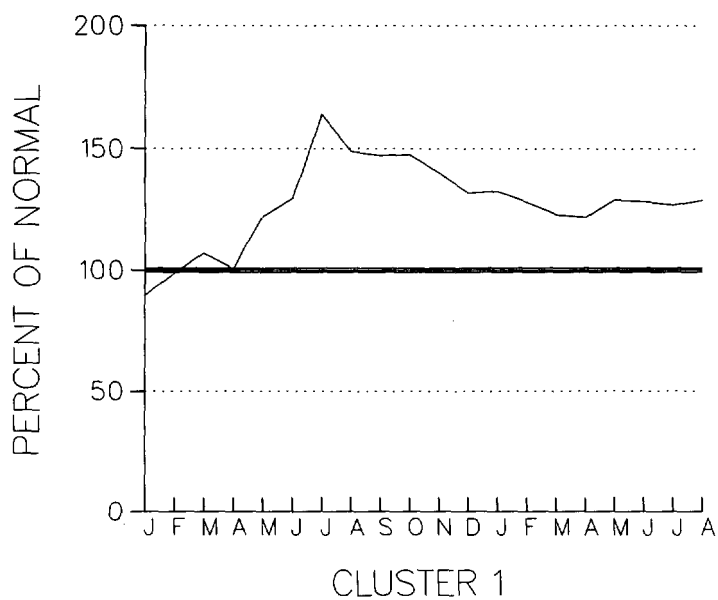


CLUSTER 4

CUMULATIVE PRECIPITATION DEPARTURES FROM NORMAL (1951-1980) FOR THE LAST 20 MONTHS ENDING AUGUST 1990 DELAWARE

CLUSTER 1 -DIVISION(S):
 NORTHERN 01

CLUSTER 2 -DIVISION(S):
 SOUTHERN 02



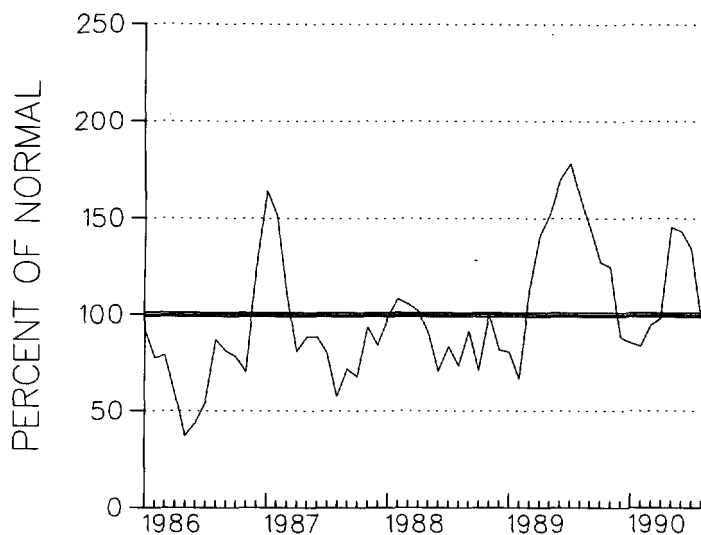
PRECIPITATION DEPARTURES FROM NORMAL (1951-1980) THREE MONTH RUNNING MEAN FOR THE 56 MONTHS ENDING WITH AUGUST 1990 DATA MARYLAND

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

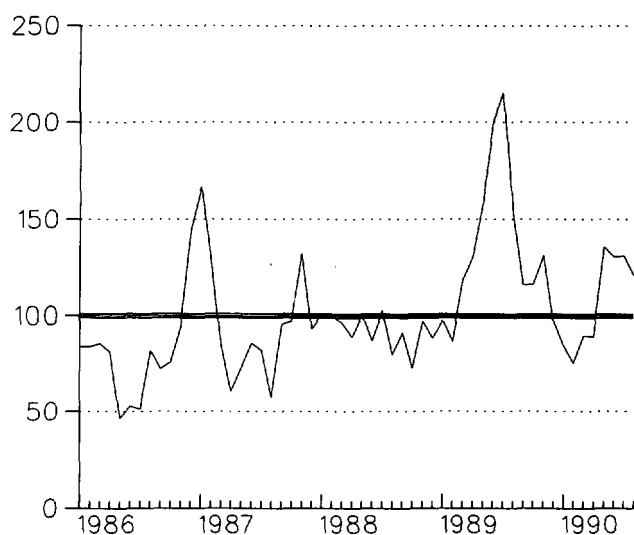
CLUSTER 2 -DIVISION(S):
 UPPER SOUTHERN 04
 NORTHERN EASTERN SHORE 05

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

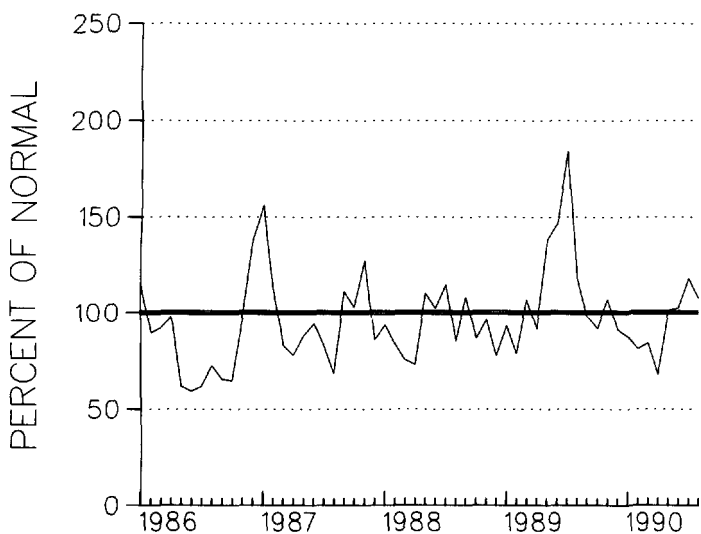
CLUSTER 4 -DIVISION(S):
 ALLEGHENY PLATEAU 08



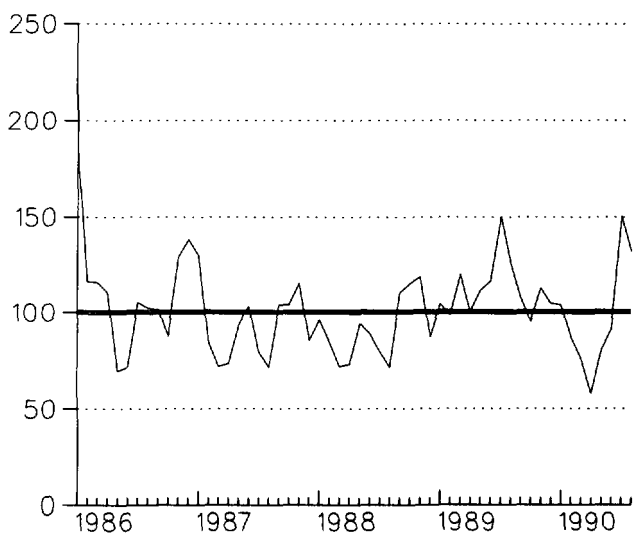
CLUSTER 1



CLUSTER 2



CLUSTER 3

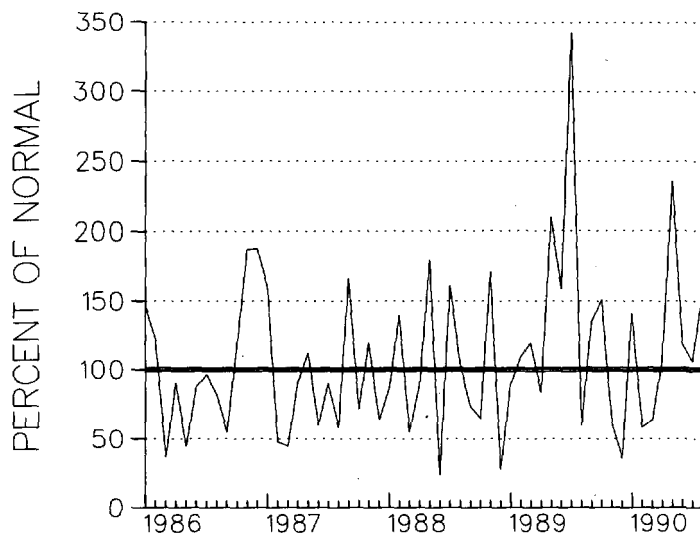


CLUSTER 4

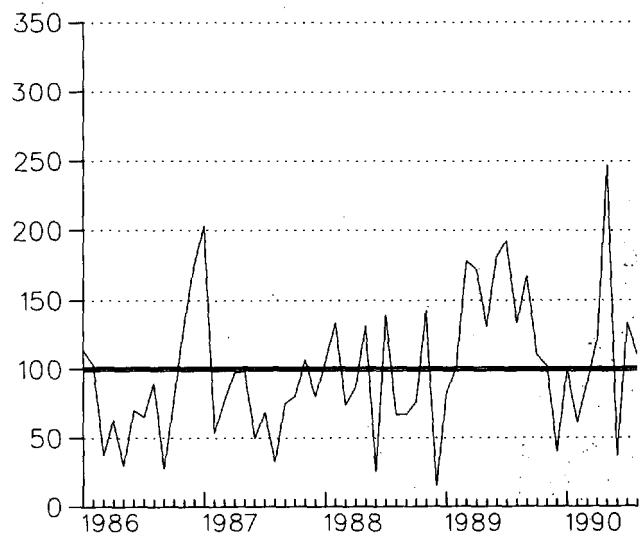
PRECIPITATION DEPARTURES FROM NORMAL (1951-1980)
FOR THE 56 MONTHS
ENDING AUGUST 1990
DELAWARE

CLUSTER 1 -DIVISION(S):
NORTHERN 01

CLUSTER 2 -DIVISION(S):
SOUTHERN 02



CLUSTER 1



CLUSTER 2

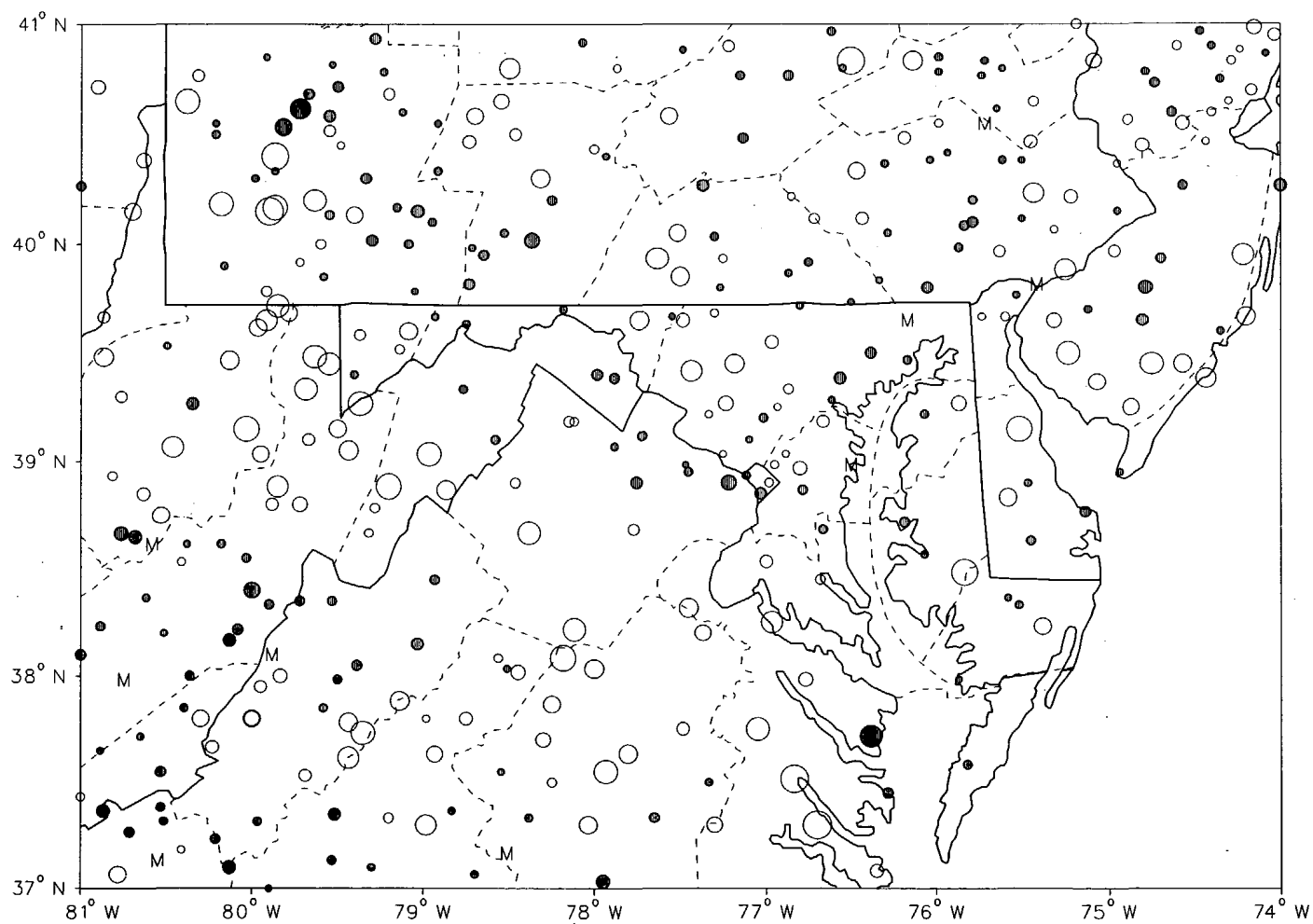
MONTHLY PRECIPITATION DEPARTURE FROM THE DIVISIONAL AVERAGE FOR AUGUST 1990 MARYLAND & DELAWARE

M DENOTES INCOMPLETE DATA FOR THE MONTH

▽ ZERO DEPARTURE

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

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

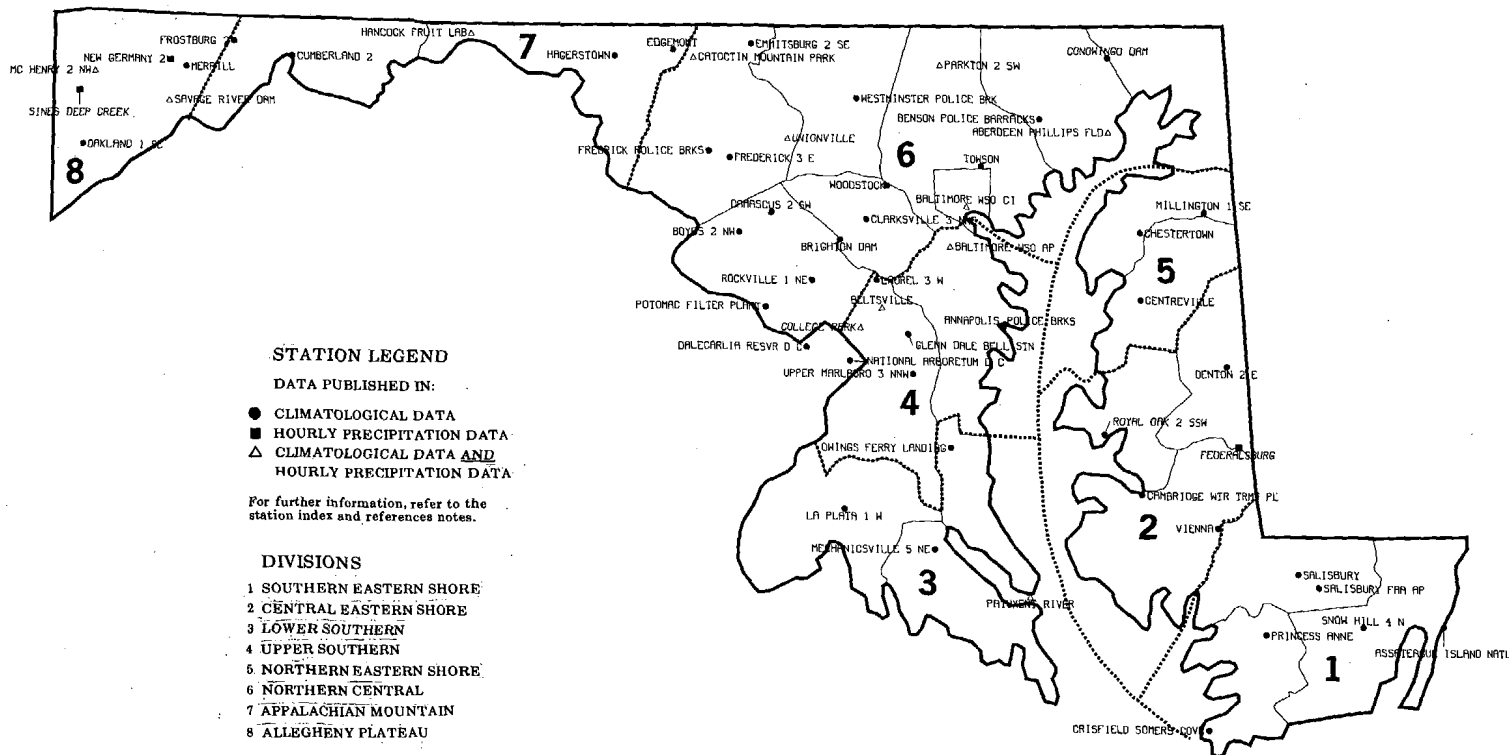


CIRCLE DIAMETER IS PROPORTIONAL TO DEPARTURE ON A CONTINUOUS SCALE

18 - MARYLAND & D.C.

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

STATUTE MILES



40.0
76.0

75.0

40.0

07 - DELAWARE

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

STATUTE MILES



STATION LEGEND

DATA PUBLISHED IN:

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

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

DIVISIONS

- 1 NORTHERN
- 2 SOUTHERN

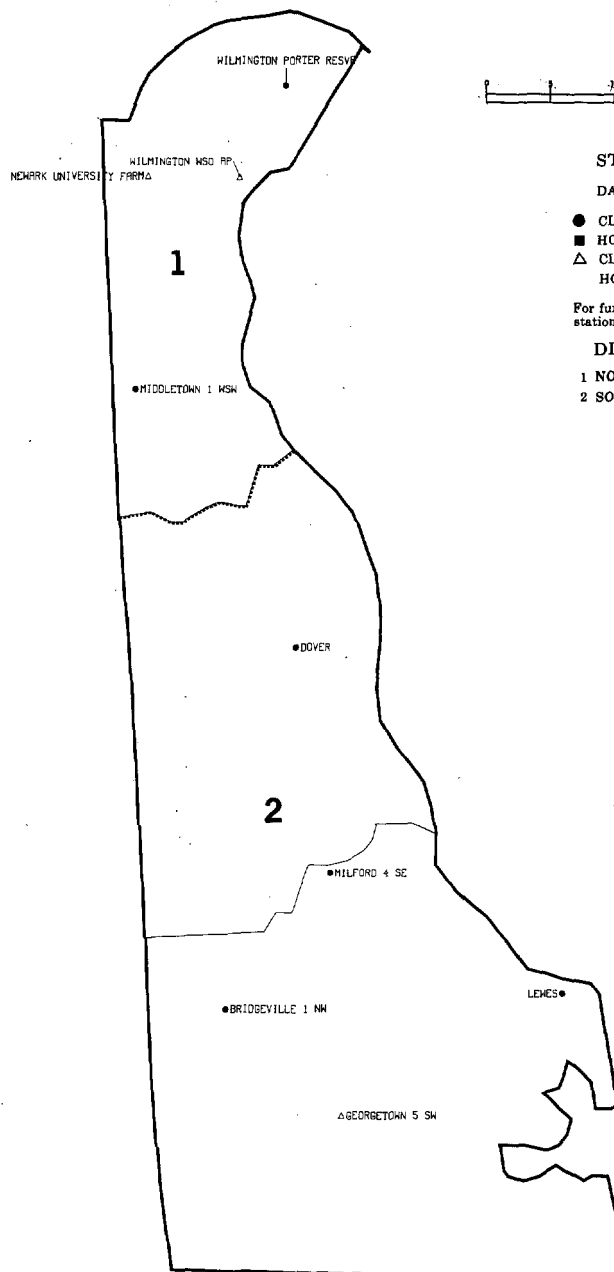
39.0

39.0

38.0
76.0

75.0

38.0



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							
ASHEVILLE	29.67	0.71	1.57	1.81	0.53	2.8							
ASHFORD	36.74E	1.20	2.70	2.90	0.54E								
BADIN	-	1.30	2.60	1.20									
B EVERETT JORDAN DAM	-	1.70	1.50										
BOOMER 5 WSO	-	1.00	2.10	3									
BURLINGTON 3 WSO	-	0.90	1.92E										
CAPE HATTERAS WSO	48.86	5.75											
CARTAGE 8 SE	-	1.70											
CATALDOCHNEE	-	0.50											
CHARLOTTE WSO AP	26.91												
CLINTON 2 NE	56												
DALTON	-												
DOBSON	-												
EDEN	-												
ELK	-												
FAYE	-												
FRANK	-												
GREENS	-												
GREENWICH	-												
HEATON	-												
HOBOKEN	-												
LAKE LURE	-												
LAURINBURG	-												
LEXINGTON	-												
MCGHEESVILLE 2	-												
MOREHEAD CITY	-												
MOUNT PLEASANT	-												
N WILKESBORO 12	-												
POLKTON 2 NE	-												
QUEBEC	-												
RALEIGH-DURHAM WSO	-												
ROANOKE RAPIDS	-												
ROARING GAP 1 NW	-												
SHELBY 2	-												
SNEADS FERRY 2 ENE	-												
SWANNAHAW 2 SSE	-												
WILKINGTON WSO AP	-												
WILSON 3 SW	-												
YADKINVILLE 6 E	28												



HOURLY PRECIPITATION DATA NORTH CAROLINA

DECEMBER 1987
WITH ANNUAL SUPPLEMENT
VOLUME 37 NUMBER 12

31 - NORTH CAROLINA

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ISSN 0364-6319

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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.

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CLIMATIC DATA STATIONS - WORLDWIDE

STATION LIST WMO PUB 9 VOL A

41246 C	ISQHARI MAJIS	OMAN	42071 C	AMRITISAR	INDIA
42081 C	ABADAN	IRAN, ISLAMIC REP	39009 C	AMUNDSEN-SCOTT	USA
47406 C	ABASHIRI	JAPAN	25562 C	ANADYR	
71108 C	ABBOTSFORD, B.C.	CANADA	67019 C	ANALGLEVA	
64756 C	ABECHE	CHAD	17320 C	ANANUR	
63091 C	ABERDEEN/PTCE	U.KINGDOM	19405 C	ANCHALOS	
41112 C	ABHA	SAUDI ARABIA	22013 C	ANCHORAGE/INTL	
45578 C	ABIDJAN	COTE D'IVOIRE	84331 C	ANDAS	
72264 C	ABILENE, TX	USA	91548 C	ANEITH	
41216 C	ABU DHABI EATEEN AIRPORT	U.A.R.AB	04360 C	ANGLA	
41217 C	ABU DHABI INTL AIRPORT	U.A.R.AB	17130 C	ANGLA	
62040 C	ABU HAMED	U.A.R.AB	17128 C	ANGLA	
52795 C	ABU NA'AMA	SUDAN	10750 C	ANGLA	
78650 C	ACAPULCO, GRD	MEXICO	70398 C	ANGLA	
15095 C	ACAPULCO, GRD	MEXICO	80542 C	ANGLA	
80427 C	ACAPULCO, GRD	MEXICO	04657 C	ANGLA	
7352 C	ACAPULCO, GRD	MEXICO	6707 C	ANGLA	
53550 C	ACAPULCO, GRD	MEXICO	117 C	ANGLA	
94452 C	ACAPULCO, GRD	MEXICO	67 C	ANGLA	
41467 C	ACAPULCO, GRD	MEXICO	67 C	ANGLA	
50585 C	ACAPULCO, GRD	MEXICO	67 C	ANGLA	
41000 C	ACAPULCO, GRD	MEXICO	67 C	ANGLA	
76679 C	ACAPULCO, GRD	MEXICO	67 C	ANGLA	
76444 C	ACAPULCO, GRD	MEXICO	67 C	ANGLA	
16384 C	ACAPULCO, GRD	MEXICO	67 C	ANGLA	
87582 C	ACAPULCO, GRD	MEXICO	67 C	ANGLA	
17790 C	ACAPULCO, GRD	MEXICO	67 C	ANGLA	
11024 C	ACAPULCO, GRD	MEXICO	67 C	ANGLA	
60550 C	ACAPULCO, GRD	MEXICO	67 C	ANGLA	
67974 C	ACAPULCO, GRD	MEXICO	67 C	ANGLA	
42251 C	ACAPULCO, GRD	MEXICO	67 C	ANGLA	
16672 C	ACAPULCO, GRD	MEXICO	67 C	ANGLA	
42647 C	ACAPULCO, GRD	MEXICO	67 C	ANGLA	
60960 C	ACAPULCO, GRD	MEXICO	67 C	ANGLA	
51499 C	ACAPULCO, GRD	MEXICO	67 C	ANGLA	
2761 C	ACAPULCO, GRD	MEXICO	67 C	ANGLA	
17188 C	ACAPULCO, GRD	MEXICO	67 C	ANGLA	
71188 C	ACAPULCO, GRD	MEXICO	67 C	ANGLA	
47582 C	ACAPULCO, GRD	MEXICO	67 C	ANGLA	
14177 C	ACAPULCO, GRD	MEXICO	67 C	ANGLA	

UPPER AIR

STATION	LEVEL	TEMPERATURE	VECTOR WIND	LEVEL	TEMPERATURE	VECTOR WIND
NO.	HT	MEAN	DIR	NO.	HT	MEAN
030	23095	21.5	100	030	23095	21.5
030	23095	21.5	100	030	23095	21.5
030	23095	21.5	100	030	23095	21.5
030	23095	21.5	100	030	23095	21.5
030	23095	21.5	100	030	23095	21.5
030	23095	21.5	100	030	23095	21.5
030	23095	21.5	100	030	23095	21.5
030	23095	21.5	100	030	23095	21.5
030	23095	21.5	100	030	23095	21.5
030	23095	21.5	100	030	23095	21.5

EUROPE-NORWAY

STATION	LEVEL	TEMPERATURE	VECTOR WIND	LEVEL	TEMPERATURE	VECTOR WIND
NO.	HT	MEAN	DIR	NO.	HT	MEAN
030	23095	21.5	100	030	23095	21.5
030	23095	21.5	100	030	23095	21.5
030	23095	21.5	100	030	23095	21.5
030	23095	21.5	100	030	23095	21.5
030	23095	21.5	100	030	23095	21.5
030	23095	21.5	100	030	23095	21.5
030	23095	21.5	100	030	23095	21.5
030	23095	21.5	100	030	23095	21.5
030	23095	21.5	100	030	23095	21.5
030	23095	21.5	100	030	23095	21.5

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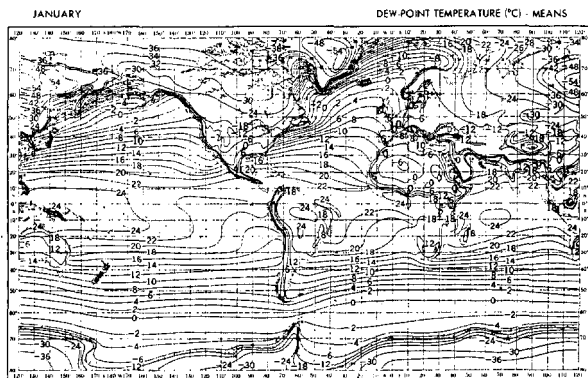
JANUARY 1988
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MONTHLY CLIMATIC DATA FOR THE WORLD

PREPARED IN COOPERATION WITH THE
WORLD METEOROLOGICAL ORGANIZATION



MONTHLY CLIMATIC DATA for the WORLD (MCDW) is a publication of monthly summaries of climatic data from around the world. Data are prepared by Members of the World Meteorological Organization for selected stations and exchanged via the Global Telecommunications System in coded format.

Tables of both Surface and Upper Air data are presented. Surface data tables contain elements of pressure, temperature, vapor pressure, precipitation, and sunshine. Upper Air tables contain geopotential heights, temperatures, dew point depressions, and vector winds for ten selected pressure levels between the surface and thirty millibars (hectopascals). A Station List is also provided which, in the January and July editions, contains all stations authorized for publication. In other months the list contains only those stations from which data no more than two months old have been recently received.

Currently, world maps of long term mean temperatures, dew points, and sea level pressures are included on the cover of the MCDW. The maps are generally representative of conditions during the 1950's to mid-1970's, however some data may be from as early as the 1850's.

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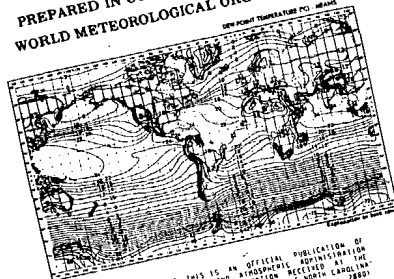
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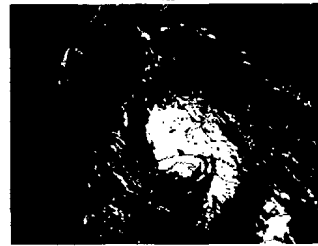
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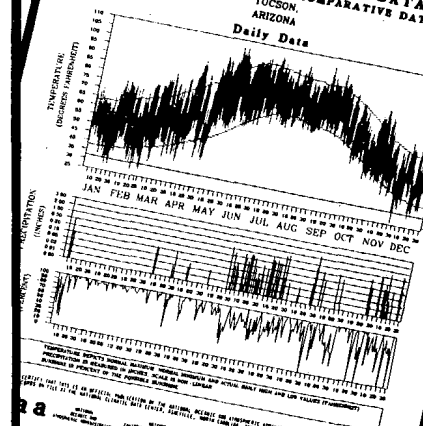
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