



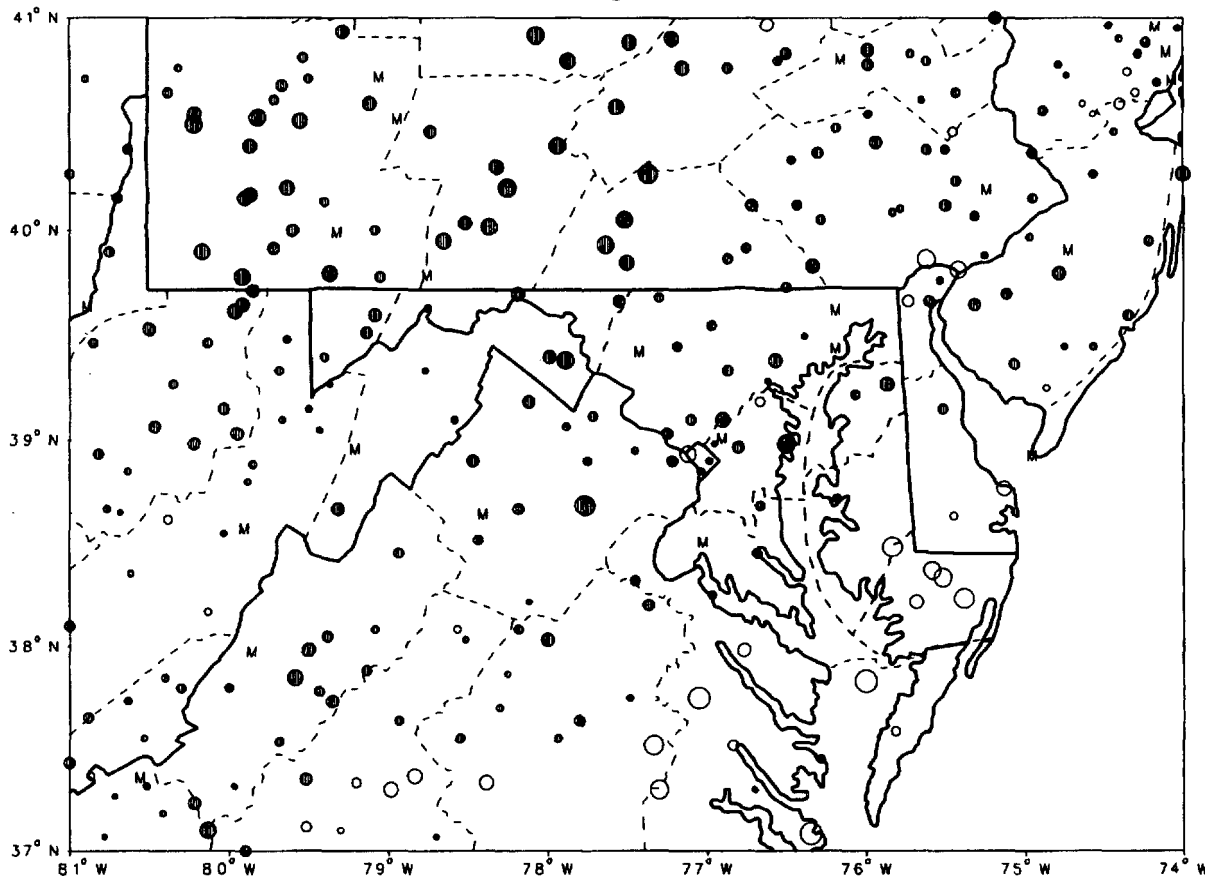
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CLIMATOLOGICAL DATA MARYLAND AND DELAWARE

AUGUST 1994
VOLUME 98 NUMBER 8

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. 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 1994

MARYLAND
HIGHEST TEMPERATURE 95
LOWEST TEMPERATURE 43
GREATEST TOTAL PRECIPITATION 9.71
LEAST TOTAL PRECIPITATION 1.26
GREATEST 1 DAY PRECIPITATION 4.39

DELAWARE
HIGHEST TEMPERATURE 91
LOWEST TEMPERATURE 50
GREATEST TOTAL PRECIPITATION 6.28
LEAST TOTAL PRECIPITATION 3.27
GREATEST 1 DAY PRECIPITATION 2.05

AUGUST 14
AUGUST 7

AUGUST 12

AUGUST 14+
AUGUST 25+

AUGUST 22

3 STATIONS
2 STATIONS
ANNAPOLIS POLICE BRKS
ASSATEAGUE IS NATL SEA
ANNAPOLIS POLICE BRKS

3 STATIONS
3 STATIONS
DOVER
NEWARK UNIVERSITY FARM
DOVER

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

MARYLAND AND
DELAWARE
AUGUST 1934

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			
									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
MARYLAND																			
SOUTHERN EASTERN SHORE 01																			
ASSATEAGUE IS NATL SEA	78.5	64.7	71.6		88	53	1	1	0	0	0	0	1	-1.43	1.43				
PRINCESS ANNE	83.9	67.2	70.6	-1.5	90	44	1	2	0	0	0	0	3	-1.21	1.21			3	0
SALISBURY	83.9	65.3	74.6	-2.3	90	44	0	2	0	0	0	0	3	-1.78	1.23			5	0
SALISBURY FAA ARPT	84.0	62.5	73.3	-2.0	90	50	0	2	0	0	0	0	3	-1.03	1.99			5	0
SNOW HILL 4 N	84.8	62.2	73.5	-1.2	90	46	4	2	0	0	0	0	3	-2.35	1.55			5	1
--DIVISIONAL DATA----->																			
CENTRAL EASTERN SHORE 02																			
ROYAL OAK 2 SSW	82.3	65.5	73.9	-2.3	89	53	0	2	0	0	0	0	5	-1.53	1.45			9	2
VIENNA	86.1	63.5	74.8	-1.5	94	51	0	3	0	0	0	0	2	-2.15	.85			4	0
--DIVISIONAL DATA----->																			
LOWER SOUTHERN 03																			
MECHANICSVILLE 5 NE	81.5	63.5	72.5	-2.1	90	50	3	2	0	0	0	0	6	1.96	1.38			8	2
OWINGS FERRY LANDING	82.6	63.0	72.8	-2.1	90	51	2	2	1	0	0	0	5	1.60	1.60			7	2
--DIVISIONAL DATA----->																			
UPPER SOUTHERN 04																			
ANNAPOLIS POLICE BRKS	84.1	66.5	75.3	-1.0	94	58	0	3	0	0	0	0	9	5.81	4.39			7	4
BALTIMORE WSO ARPT	83.6	64.6	74.1	-1.5	95	54	0	2	0	0	0	0	3	-1.48	.78			9	0
COLLEGE PARK	84.2	65.7	75.0	-1.0	94	52	1	3	0	0	0	0	4	-1.28	1.18			8	1
DALECARLIA RESERVOIR	85.8	63.3	74.6	-1.2	93	45	0	3	0	0	0	0	2	-1.40	.68			7	0
GLENN DALE BELL STN	86.2	60.6	73.4	-1.8	93	49	4	3	0	0	0	0	4	-3.30	2.38			7	0
LAUREL 3 W	84.1	64.6	74.4	-1.4	93	49	0	2	0	0	0	0	8	-1.77	3.40			1	0
NATIONAL ARBORETUM DC	84.4	63.1	73.8	-1.9	93	52	1	2	0	0	0	0	5	-1.91	1.12			8	0
--DIVISIONAL DATA----->																			
NORTHERN EASTERN SHORE 05																			
CHESTERTOWN	83.9	61.1	72.5	-3.1	92	51	1	2	4	0	0	0	5	1.81	1.48			9	1
MILLINGTON 1 SE					88	52		4	0	0	0	0	8	4.25	2.85			8	1
--DIVISIONAL DATA----->																			
NORTHERN CENTRAL 06																			
ABERDEEN PHILLIPS FIEL	81.9	64.5	73.2	-1.8	90	53	1	2	0	0	0	0	4	-1.32	1.94			7	0
BALTIMORE CITY	84.3	67.0	75.7	-3.0	95	56	0	3	0	0	0	0	4	-1.04	1.20			9	0
BENSON POLICE BARRACKS	84.8	63.9	74.2	0	91	52	0	2	0	0	0	0	5	-1.33	2.18			9	0
CATOCTIN MOUNTAIN PARK	75.7	60.9	68.3		83	47	2	1	0	0	0	0	8	-1.43	2.90			1	0
COWINGO DAM	84.2	64.2	74.2	.2	94	54	0	3	0	0	0	0	8	-1.77	1.98			9	0
DAMASCUS 2 SSW	79.4	59.6	69.5		87	46	1	1	0	0	0	0	6	-1.55	2.27			9	0
EMMITSBURG 2 SE	78.8	58.5	68.7	-4.0	86	43	3	1	0	0	0	0	5	-1.48	1.68			8	0
FREDERICK POLICE BRKS	84.0	63.3	73.7		91	51	1	2	3	0	0	0	4	-1.57	1.41			9	0
FREDERICK GAS PLANT																			
MILLERS 4 NE	79.5	60.4	70.0		87	47	1	1	0	0	0	0	5	-1.50	1.54			9	1
ROCKVILLE 1 NE	81.4	64.1	72.8	-.2	90	51	1	2	0	0	0	0	6	-2.26	1.63			10	3
TOMSON	83.5				91			1	3	0	0	0	9	-1.14	2.01			10	5
UNIONVILLE	81.8	59.0	70.4	-.8	88	45	1	1	0	0	0	0	4	-1.56	1.45			11	1
WESTMINSTER POL BRKS	82.9	63.3	73.1	0	90	52	1	2	0	0	0	0	5	-1.66	1.12			10	1
WOODSTOCK	82.9	61.0	72.0	-2.0	90	48	3	2	1	0	0	0	5	-3.66	2.14			10	4

SEE REFERENCE NOTES FOLLOWING STATION INDEX

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

MARYLAND AND
DELAWARE
AUGUST 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									
									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				
--DIVISIONAL DATA----->			72.0	-1.8									5.93	2.08			.0								
APPALACHIAN MOUNTAIN 07																									
CUMBERLAND 2	83.0	59.0	71.0	-2.9	91 12	48 6	54	200	0	0	0	0	3.98	.68	1.44 18		.0	0			8	3	1		
FROSTBURG 2	74.7	55.8	65.3		84 13	44 7	59	179	2	0	0	0	5.15		2.33 18		.0	0			8	3	1		
HANCOCK	80.3	59.0	69.7	-1.9	90 14	46 7+	21	172	1	0	0	0	6.11	2.96	3.70 18		.0	0			9	1	1		
--DIVISIONAL DATA----->			68.7	-3.2									5.08	1.74			.0								
ALLEGHENY PLATEAU 08																									
OAKLAND 1 SE	75.9	55.6	65.8	-1.8	84 12	43 7	48	79	0	0	0	0	5.64	1.47	1.38 5		.0	0			10	4	3		
SAVAGE RIVER DAM	78.2	55.4	66.8	-1.5	90 13	45 7	42	105	1	0	0	0	5.50	2.31	2.04 18		.0	0			8	3	2		
--DIVISIONAL DATA----->			66.3	-.6									5.57	1.74			.0								
DELAWARE																									
NORTHERN 01																									
NEWARK UNIVERSITY FARM	83.2	61.8	72.5	-2.1	91 14+	50 24+	2	241	3	0	0	0	3.27	-.73	1.10 17		.0	0			6	2	1		
WILMINGTON HSO ARPT	82.3	64.0	73.2	-1.8	90 14+	53 6	0	260	2	0	0	0	5.68	2.28	1.69 21		.0	0			7	4	2		
WILMINGTON PORTER RSVR	80.5	63.2	71.9	-1.9	88 13+	53 6	1	220	0	0	0	0	4.88	.83	1.35 17		.0	0			7	5	2		
--DIVISIONAL DATA----->			72.5	-2.0									4.61	.98			.0								
SOUTHERN 02																									
DOVER	82.1	63.5	72.8	-3.1	90 15+	54 25+	0	251	3	0	0	0	6.28	2.03	2.05 22		.0	0			8	4	2		
GEORGETOWN 5 SW	83.3	61.9	72.6	-1.7	91 14	50 34+	0	249	0	0	0	0	5.02	-.44	1.68 16		.0	0			5	3	3		
GREENWOOD 2 NE	83.1	62.5	72.9		89 13	50 34+	0	238	0	0	0	0	5.11		1.29 17		.0	0			9	4	2		
LEWES	82.5	65.2	73.9	-1.0	91 13	54 24+	2	264	1	0	0	0	3.72	-1.52	1.49 15		.0	0			8	3	1		
--DIVISIONAL DATA----->			72.9	-2.2									5.03	.25			.0								

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION (INCHES)

MARYLAND AND
DELAWARE
AUGUST 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	1.26			.06		.42									.07	.43		.27	.01																
PRINCESS ANNE	3.78		1.21	.04		.81	.06								1.06	.08	.52																		
SALISBURY	3.21		.10	.05		.80	.02					T	.03		1.23	.02	.49	.03																	
SALISBURY FAA ARPT	3.30	.07	.14			.48				T		T	.05	.99	.88	.06	.31																		
SNOW HILL 4 N	3.02	.02	.28	.03		.48	.11					T			1.55	.03	.52																		
CENTRAL EASTERN SHORE 02																																			
ROYAL OAK 2 SSM	5.76		.02	1.13		.97						.15			.78	.11	.73	.02																	
VIENNA	2.72		.01	.03		.85	.04							*	.65	.05	.30	.59																	
LOWER SOUTHERN 03																																			
MECHANICSVILLE 5 NE	6.02	T	.79	.02		.15						.07		T	1.27	.20	1.38	.02																	
OWINGS FERRY LANDING	5.17		.53	.02		.16									.83	.20	1.08	.05																	
UPPER SOUTHERN 04																																			
ANNAPOLIS POLICE BRKS	9.71		.04			1.40	T					4.39			.69	.09	1.29	.01																	
BALTIMORE WSO ARPT	3.44	R		T		.78					.37			.25		.06	.54	.04																	
COLLEGE PARK	4.72		.05		.13	.30	.78					.77			.90	.06	.52	.36																	
DALECARLIA RESERVOIR	2.89		.02			.60						.40			.42	.68	.13																		
GLENN DALE BELL STN	7.62		.10	.02		2.38	.01					1.81			.69	.23	.75	.07																	
LAUREL 3 W	8.17					.05	.38					3.40	.21		.95	.30	.56	.24																	
NATIONAL ARBORETUM DC 05																																			
CHESTERTOWN	5.77		T			.77					1.48	.13	T	.94		.03	.55	T																	
HILLINGTON 1 SE	8.32		.30	.81	.02	.54						.96		*	1.76		.64																		
NORTHERN CENTRAL 06																																			
ABERDEEN PHILLIPS FIEL	4.32	M				.43						.91		*	.56		.76	.19	T																
BALTIMORE CITY	4.50	R				.45					.30			.33		.97																			
BENSON POLICE BARRACKS																																			
CATOCTIN MOUNTAIN PARK	8.43		.01		.12	.03	.42	.01				.33			1.06	.13	.01	2.18	1.12																
CONOWINGO DAM	2.92	M	.02		.02	.03	.02				.02	.01	.06	.28	.01	.98	.10																		
DAMASCUS 2 SSW	6.95		T			.18					.25	.74	.05	1.28	.04	.09	2.27																		
EMHITSBURG 2 SE	5.09		.05	.10		.25					T	.05		.05		T	1.35	.62																	
FREDERICK POLICE BRKS																																			
FREDERICK GAS PLANT	4.57	M		T		.40						.10		T	.13		1.41	.77																	
HILLERS 4 NE	5.90		T	T		.26						.99	.02	.42	.09	T	.93	.37	T																
POTOMAC FILTER PLANT	6.13				.02	.39					1.20			.12	.39	1.73	.09																		
ROCKVILLE 1 NE	6.25		T	T	T	.26					1.17	T	T	.39	.29	1.93	.16																		
TOWSON 07																																			
UNIONVILLE	9.14		.05	.07	.05	.03	.22	.01	.01	.01		.28	.01	.14	1.03		.65	.15	.01																
WESTMINSTER POL BRKS	4.71					.34						.10	.10	.18	.03	.03	1.45	.25																	
WOODSTOCK	5.08					.14							.32	.28	.73	.10	.99	.39																	
HOODSTOCK	5.93		T			.21						.29	.80	.06	.47	T	.61	.19																	
APPALACHIAN MOUNTAIN 07																																			
CUMBERLAND 2	3.98		.60			.18	.50								.20		.32	1.44																	
EDGEHONT 08																																			
FROSTBURG 2	5.89		.03		.45	.04						T		.06	.38	.16	2.74	T																	
HANCOCK	5.15		.77			.16	.48							.03	.24	.14	2.33	T																	
ALLEGHENY PLATEAU 08	6.11		.13			.22	.22								.46	3.70																			
HERRILL 08																																			
OAKLAND 1 SE	6.86					1.01	.16						.10	.05	.20		2.01	1.33																	
SAVAGE RIVER DAM	5.64			.14		1.38					.05			1.13		.02	1.12	.22																	
SEE REFERENCE NOTES FOLLOWING STATION INDEX																																			

DAILY PRECIPITATION (INCHES)

MARYLAND AND
DELAWARE
AUGUST 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																																
WENAMK UNIVERSITY FARM	3.27				.47							.20		.48			1.10		.03													
WILMINGTON WSO ARPT R	5.68	T	T	T	.72						.22	.09	.01	.87		T	1.61	T			1.69	.75					.04			.20		
WILMINGTON PORTER RSVR	4.88	.04			.57						.20	.02		.92			1.35	T			.57	1.02					.08	T		.19		
SOUTHERN 02																																
DOVER	6.28			.28	.75							.29			.95		1.60	.10														
GEORGETOWN S SW	5.02	.01		.47		1.68									1.10		.04	1.20									.05			.04	T	
GREENHOOD 2 NE	5.11	.05	.11	.15	.88								.18		1.10	.07	1.29	.17													.10	
LEMES	3.72	.15	.12	.01	.60	.12							.05		1.49	T	.40	.05									.09			.10	T	

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

MARYLAND AND
DELAWARE
AUGUST 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																																				
ASSATEAGUE IS NATL SEA	01	07	MAX	81	81	81	82	77	70	73	76	76	79	82	81	82	86	73	75	74	84	76	79	78	82	73	74	76	77	84	81	83	79	79	78.5	
			MIN	69	69	72	69	66	59	60	60	58	62	68	70	72	72	61	60	68	70	66	65	69	67	61	53	54	65	66	68	62	63	61	64.7	
PRINCESS ANNE		17	MAX	86	86	86	88	90	74	78	81	83	84	87	89	90	89	85	78	80	82	85	86	87	83	76	79	80	85	86	88	85	81	84	83.9	
			MIN	65	65	66	68	58	53	46	46	47	53	63	65	59	63	59	52	59	63	58	60	62	64	53	44	44	57	59	59	65	49	48	57.2	
			OBS																																	
SALISBURY		17	MAX	85	84	87	89	89	74	78	80	82	84	87	88	90	89	88	77	80	83	84	87	86	86	76	79	80	85	86	87	87	81	84	83.9	
			MIN	71	72	73	73	71	57	54	56	56	61	69	71	76	78	65	60	67	67	66	66	72	69	58	55	54	64	68	69	68	59	59	65.3	
SALISBURY FAA ARPT		MID	MAX	86	85	88	90	87	74	77	80	82	86	86	90	91	90	78	79	81	83	87	87	86	80	77	80	79	86	87	88	85	83	85	84.0	
			MIN	70	69	72	71	63	56	53	53	53	58	68	73	75	72	60	57	66	69	64	63	71	65	56	51	50	63	64	65	59	55	54	62.5	
SNOW HILL 4 N		17	MAX	88	89	89	90	90	73	78	80	81	87	86	89	90	89	88	80	81	85	84	85	87	84	77	78	80	86	89	90	87	83	85	84.8	
			MIN	72	65	71	71	70	58	51	51	50	56	65	68	72	73	63	56	70	72	62	61	71	68	58	47	46	60	62	65	69	53	52	62.2	
CENTRAL EASTERN SHORE																																				
ROYAL OAK 2 SSW		18	MAX	85	87	84	87	86	73	78	79	81	82	86	88	89	88	86	76	81	80	84	85	85	77	76	78	78	83	85	85	80	79	81	82.3	
			MIN	71	73	70	72	71	57	53	54	58	68	67	70	75	78	64	61	66	74	65	68	74	69	60	55	56	64	67	69	67	56	59	65.5	
VIENNA		18	MAX	89	88	89	91	90	75	80	82	85	87	91	90	94	91	84	79	82	82	83	87	87	86	87	85	86	87	87	89	88	84	84	86.1	
			OBS																																	
			MIN	71	70	70	73	68	54	51	52	56	64	66	67	75	77	63	60	65	70	65	67	71	67	51	52	52	63	66	67	68	54	54	63.5	
			OBS																																	
LOWER SOUTHERN																																				
MECHANICSVILLE 5 NE		19	MAX	83	84	84	87	84	72	76	78	82	80	85	87	89	90	76	74	80	78	83	85	85	85	75	77	78	83	85	85	80	77	81	81.5	
			MIN	69	70	69	69	71	55	50	53	55	62	68	70	71	75	61	60	65	71	64	66	70	65	54	53	55	63	66	66	71	55	58	63.5	
OWINGS FERRY LANDING		17	MAX	84	84	84	87	87	74	76	78	83	83	84	88	90	89	87	76	80	78	83	86	85	83	77	77	79	83	86	86	83	78	83	82.6	
			MIN	68	70	69	70	71	54	51	54	56	64	66	67	70	75	60	60	65	70	63	66	70	65	53	52	54	63	65	64	67	55	57	63.0	
UPPER SOUTHERN																																				
ANNAPOLIS POLICE BRKS		17	MAX	86	88	88	92	88	74	78	80	84	82	84	85	94	92	90	78	80	80	84	82	86	85	78	78	80	82	88	90	86	80	84	84.1	
			MIN	72	74	72	72	70	58	58	60	62	68	70	70	76	76	62	64	68	72	66	70	72	64	60	59	60	64	66	68	68	58	64	66.5	
BALTIMORE WSO ARPT		MID	MAX	88	84	88	92	78	76	78	81	86	84	85	86	93	95	78	77	79	77	85	88	86	76	79	81	82	87	88	90	83	80	83	83.6	
			MIN	71	73	71	71	60	55	54	58	60	68	65	70	73	70	61	63	68	68	66	69	71	66	59	56	59	64	69	68	60	56	61	64.6	
COLLEGE PARK		09	MAX	80	89	84	83	92	81	76	79	84	84	84	88	90	94	94	78	77	80	78	85	88	86	76	79	83	84	88	90	92	82	81	84.2	
			MIN	70	73	71	71	76	53	52	56	58	68	67	70	71	76	61	63	67	70	65	67	74	68	58	54	59	66	72	68	76	56	60	65.7	
DALECARLIA RESERVOIR		17	MAX	88	86	88	93	92	79	81	82	86	85	88	90	93	93	92	81	83	79	85	89	86	78	77	81	84	89	87	92	87	80	86	85.8	
			MIN	70	68	68	68	76	52	49	51	59	62	66	69	69	75	58	63	62	66	64	63	70	65	63	52	57	64	64	66	65	58	60	63.3	
GLENN DALE BELL STN		16	MAX	89	88	88	93	92	74	81	85	88	88	89	88	92	95	93	79	78	80	85	89	89	86	78	84	84	88	87	82	92	82	86	86.2	
			MIN	67	71	68	68	70	50	49	53	54	63	63	70	71	69	56	59	65	61	62	68	66	66	50	50	50	52	62	64	52	52	58	60.6	
LAUREL 3 W		07	MAX	87	84	89	93	80	78	80	83	87	83	87	89	92	92	80	76	80	78	86	88	86	75	79	81	84	87	88	89	81	82	84	84.1	
			MIN	70	67	75	70	63	52	55	60	60	67	67	68	72	70	59	62	65	68	65	69	69	65	57	57	59	68	69	67	64	62	63	64.6	
NATIONAL ARBORETUM DC		07	MAX	88	87	85	88	91	80	76	79	81	82	84	88	90	92	93	79	81	82	79	85	88	87	77	79	81	84	82	89	91	88	81	84.4	
			MIN	69	73	70	71	72	53	52	53	57	62	66	67	69	73	60	61	63	68	64	67	67	67	57	54	55	55	66	65	67	55	58	63.1	
NORTHERN EASTERN SHORE																																				
CHESTERTOWN		23	MAX	87	88	88	92	82	76	82	82	86	83	86	90	92	92	78	79	80	80	86	89	86	72	76	81	82	85	88	89	83	79	83	83.9	
			MIN	68	68	68	69	60	52	51	53	56	64	62	65	71	66	58	59	63	67	63	66	67	61	53	52	53	62	64	66	58	53	57	61.1	
MILLINGTON 1 SE		18	MAX																																M	
			MIN																																M	

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

MARYLAND AND
DELAWARE
AUGUST 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 CENTRAL ABERDEEN PHILLIPS FIEL	06	MAX	84	88	88	89	89	74	77	78	82	82	81	83	89	90	74	77	78	78	83	85	83	80	76	78	78	83	85	85	87	83	77	79	81.9
		MIN	73	73	70	71	69	53	53	56	60	66	62	70	74	74	59	61	69	72	69	67	70	68	57	54	56	63	68	67	63	54	60	64.5	
BALTIMORE CITY	MID	MAX	88	87	92	93	80	76	79	82	86	86	84	87	95	95	79	76	78	77	86	88	85	73	80	81	83	83	92	93	83	82	84	84.3	
		MIN	73	76	73	75	60	56	60	62	66	70	67	70	74	71	64	67	68	70	69	70	71	65	58	60	83	83	92	93	83	82	84	84.3	
BENSON POLICE BARRACKS	17	MAX	86	86	90	91	88	78	81	84	86	86	85	86	90	91	83	79	76	76	86	88	87	79	81	82	82	87	90	91	88	82	84	84.8	
		MIN	69	72	69	70	69	52	53	55	58	66	61	69	71	74	59	61	66	60	68	66	72	66	55	53	56	62	66	68	64	58	59	63.5	
CATOCTIN MOUNTAIN PARK	17	MAX	79	80	79	82	79	68	71	75	79	79	75	81	82	83	70	70	67	71	75	80	76	68	69	72	77	78	79	80	79	73	70	75.7	
		MIN	65	67	63	68	63	47	54	57	60	64	60	65	70	66	54	57	60	62	63	70	62	61	51	55	57	62	66	65	61	56	56	60.9	
CONOWINGO DAM	MID	MAX	89	88	94	94	82	78	82	84	88	88	84	86	92	82	80	80	78	78	84	86	86	72	76	82	82	86	90	91	80	84	83	84.2	
		MIN	69	70	71	72	62	58	58	56	58	64	72	72	73	68	61	58	67	70	66	68	70	66	57	54	58	64	67	64	62	54	60	64.2	
DAMASCUS 2 SSW	22	MAX	84	81	84	86	74	74	76	79	82	80	82	84	86	87	75	72	73	72	80	84	82	72	74	77	80	83	83	84	75	75	81	79.4	
		MIN	67	70	64	63	59	46	46	51	58	65	63	66	70	67	52	57	63	68	59	61	68	64	49	48	59	58	64	61	57	49	56	59.6	
EMMITSBURG 2 SE	17	MAX	81	81	82	84	83	73	73	77	82	81	77	83	86	76	71	70	70	71	79	82	79	78	76	81	84	85	85	83	77	78	78.8		
		MIN	66	67	61	62	63	47	43	49	54	64	54	66	66	67	50	53	61	67	57	61	66	64	47	46	64	60	64	60	60	49	55	58.5	
FREDERICK POLICE BRKS	17	MAX	88	88	88	89	90	75	79	82	86	86	87	87	91	91	80	79	72	75	85	86	86	82	77	80	85	88	86	89	87	80	80	84.0	
		MIN	70	72	68	69	69	53	51	55	62	69	63	68	70	69	57	56	63	68	64	67	71	65	56	52	60	60	69	67	62	55	61	63.3	
FREDERICK GAS PLANT	08																																	M	
MILLERS 4 NE	18	MAX	84	84	85	85	83	72	76	79	82	81	79	83	87	84	74	75	72	73	81	83	80	70	72	77	80	82	84	84	80	75	79	79.5	
		MIN	67	70	65	67	63	48	47	51	57	67	56	66	70	69	51	54	64	68	62	65	70	64	52	49	56	59	65	64	59	51	56	60.4	
ROCKVILLE 1 NE	MID	MAX	85	83	85	88	77	75	78	79	84	79	83	87	89	90	77	72	78	76	82	87	84	75	76	79	81	84	85	87	78	77	84	81.4	
		MIN	69	72	69	71	62	52	51	55	60	67	65	69	74	71	59	64	66	68	65	69	70	65	56	53	61	66	70	67	62	57	61	64.1	
TOWSON	18	MAX	86	85	89	90	88	77	79	82	83	83	83	85	91	90	84	78	77	77	84	85	85	80	76	79	80	87	86	86	86	85	82	83.5	
		MIN																																	M
UNIONVILLE	17	MAX	86	85	85	87	83	75	79	80	85	87	82	87	88	87	78	75	75	75	83	86	83	73	76	80	84	86	86	86	78	75	80	81.8	
		MIN	65	68	63	63	66	46	45	48	56	63	57	67	67	70	52	57	64	68	58	61	69	65	48	46	54	58	64	61	59	48	53	59.0	
WESTMINSTER POL BRKS	17	MAX	87	85	86	89	89	73	79	81	85	86	81	86	90	90	80	77	73	74	83	87	89	80	74	79	83	84	85	86	85	80	82.9		
		MIN	72	71	71	70	68	61	52	57	59	75	61	67	65	67	58	61	64	67	65	65	65	67	54	52	61	59	67	66	57	57	60	63.3	
WOODSTOCK	18	MAX	87	85	87	89	87	76	80	82	86	85	83	85	90	89	78	76	75	75	82	86	84	73	78	80	83	86	87	87	84	80	84	82.9	
		MIN	68	70	67	66	68	50	48	50	55	64	60	67	69	69	54	59	64	67	60	64	69	64	53	50	56	60	65	64	63	52	57	61.0	
APPALACHIAN MOUNTAIN CUMBERLAND 2	07	MAX	86	86	87	90	87	77	80	84	87	86	83	91	88	84	76	70	68	83	86	87	81	80	80	81	85	87	87	87	84	80	76	83.0	
		MIN	65	63	64	67	62	48	50	56	62	59	60	67	69	55	53	56	63	63	63	63	63	53	49	49	57	60	63	63	52	52	61	59.0	
FROSTBURG 2	07	MAX	76	79	79	83	81	66	67	71	75	80	75	73	84	81	75	67	62	63	74	78	81	70	72	72	73	79	79	78	80	71	73	74.7	
		MIN	58	60	59	58	62	47	44	47	53	57	56	58	63	68	50	50	51	58	59	59	59	55	51	50	56	60	62	62	61	51	49	55.8	
HANCOCK	08	MAX	86	84	85	85	88	72	73	70	82	80	80	74	86	90	87	74	74	69	77	84	86	81	77	75	76	84	85	84	87	78	77	80.3	
		MIN	63	69	65	67	72	46	46	50	58	58	59	59	61	61	54	55	64	65	58	62	64	62	51	49	57	62	61	58	65	60	61	59.0	
ALLEGHENY PLATEAU OAKLAND 1 SE	08	MAX	80	79	79	81	79	63	72	79	79	78	75	84	83	81	70	66	64	73	79	81	76	71	72	77	77	79	78	79	75	73	72	75.9	
		MIN	59	59	57	59	58	44	43	51	56	62	53	60	65	67	48	49	59	59	55	52	63	59	47	46	54	54	60	59	63	46	57	55.6	
SAVAGE RIVER DAM	08	MAX	81	83	83	81	84	68	72	75	80	84	78	77	90	88	78	69	64	66	76	84	83	71	74	76	77	81	81	82	83	75	79	78.2	
		MIN	59	62	59	60	62	48	45	46	53	60	56	57	63	65	52	51	51	59	59	57	57	60	51	47	47	55	57	60	61	50	49	55.4	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES (°F)

MARYLAND AND
DELAWARE
AUGUST 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	
DELAWARE																																		
NORTHERN 01																																		
NEWARK UNIVERSITY FARM	17	MAX	85	86	87	90	89	75	79	81	84	85	81	87	91	91	75	79	76	79	84	88	86	81	76	80	81	82	87	88	86	77	83	
		MIN	67	71	68	69	67	50	51	53	55	63	56	68	73	73	57	54	65	72	67	64	74	65	55	50	53	62	64	64	57	53	55	
WILMINGTON WSO ARPT	MID	MAX	86	88	89	89	82	76	79	81	82	81	80	85	90	90	75	78	76	81	86	84	85	75	78	79	79	83	88	87	81	77	82	
		MIN	71	74	71	73	59	53	57	58	60	64	61	70	73	68	59	57	69	70	70	71	71	63	56	55	59	65	67	67	59	54	59	
WILMINGTON PORTER RSVR	MID	MAX	82	86	86	88	82	74	78	79	82	79	79	83	88	87	74	78	74	78	83	84	82	72	74	77	78	81	86	86	79	75	81	
		MIN	68	72	70	71	60	53	55	57	58	64	59	68	74	68	60	58	66	69	69	66	71	63	56	55	56	64	67	67	58	59	58	
SOUTHERN 02																																		
DOVER																																		
DOVER	17	MAX	83	84	85	89	89	84	75	75	79	79	79	82	89	90	90	76	75	79	83	83	85	85	74	75	79	82	86	86	86	76	82	
		MIN	70	70	71	71	71	55	54	57	58	62	63	67	74	66	63	59	64	71	67	63	72	67	56	54	54	65	64	69	61	55	57	
GEORGETOWN 5 SW	08	MAX	87	86	90	87	89	85	71	82	78	85	87	83	89	91	89	76	79	80	81	84	86	85	76	74	80	80	84	86	87	85	79	
		MIN	70	69	71	70	72	55	52	50	52	57	62	62	70	73	63	57	62	69	64	64	67	68	56	50	58	58	62	64	64	52	55	
GREENWOOD 2 NE	18	MAX	85	85	85	87	85	74	76	78	83	82	84	87	89	88	84	77	79	79	81	85	85	83	75	79	79	82	84	85	84	77	80	
		MIN	70	70	71	70	66	54	51	51	53	61	62	67	74	77	63	57	65	73	64	65	70	67	56	51	50	62	63	66	63	53	53	
LEWES	17	MAX	84	83	89	89	89	71	75	77	80	81	79	89	91	89	88	79	77	82	84	84	86	83	73	75	79	81	87	88	87	75	84	
		MIN	70	71	72	73	70	60	54	55	56	62	65	69	75	78	65	60	66	73	67	67	72	68	64	54	55	64	66	69	64	57	60	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

EVAPORATION AND WIND

MARYLAND AND
DELAWARE
AUGUST 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 EVAP MAX MIN	10'	11'	18'	12'	15'	35'	22'	16'	18'	19'	25'	11'	9'	19'	27'	21'	16'	24'	44'	17'	7'	21'	25'	13'	17'	17'	15'	14'	28'	37'	9'	592 4.308 M H
DELAWARE NORTHERN 01 NEWARK UNIVERSITY FARM	WIND EVAP MAX MIN	8'	4'	8'	10'	17'	33'	9'	7'	8'	13'	14'	16'	14'	26'	20'	4'	21'	34'	10'	12'	10'	29'	24'	5'	8'	14'	16'	13'	7'	14'	8'	436 4.868 M H

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 1994

STATION	INDEX NO.	DIVISION	COUNTY	LATITUDE	LONGITUDE	ELEVATION (IN FEET)	OBSERVATION TIME AND TABLES				OBSERVER	
							LOCAL TIME		STD TIME			
							TEMP	PRECIP	EVAP	SPECIAL (SEE NOTES)		
MARYLAND												
ABERDEEN PHILLIPS FIEL	001506	R	HARFORD	39 28	76 10W	57	16	16		C	H	PHILLIPS ARMY AIRFIELD
ANNAPOLIS POLICE BRKS	019304		ANNE ARUNDEL	38 59	76 30W	25	17	17			H	ANNAPOLIS POLICE BRKS
ASSATEAGUE IS NATL SEA	033501		WORCESTER	38 14	75 8W	10	07	07			H	NATIONAL PARK SERVICE
BALTIMORE HSO ARPT	046504	R	ANNE ARUNDEL	39 11	76 40W	148	MID	MID		C	C	NATL WEATHER SERVICE
BALTIMORE CITY #	047006	R	BALTIMORE CI	39 17	76 37W	14	MID	MID		C	C	NATIONAL WEATHER SERVICE
BELTSVILLE	070004	R	PRINCE GEORG	39 2	76 53W	120	08	08		O	B	INACTIVE 04/01/94
BENSON PD ICE BARRACKS	073206		HARFORD	39 30	76 23W	365	17	17			H	MARYLAND STATE POLICE
CATOCTIN MOUNTAIN PARK	153006		FREDERICK	39 39	77 29W	1610	17	17		C	H	CATOCTIN MOUNTAIN PARK
CHESTERTOWN	175005		KENT	39 13	76 4W	40	23	23			H	THOMAS W ELIASON JR
CLARKSVILLE 3 NNE	186206		HOWARD	39 15	76 56W	370	17	17			H	INACTIVE 09/01/93
COLLEGE PARK	199504		PRINCE GEORG	38 59	76 57W	90	09	09		C	H	UNIVERSITY OF MARYLAND
CONOWINGO DAM	206006		HARFORD	39 39	76 10W	40	MID	MID			H	SUSQUEHANNA ELECTRIC CO
CUMBERLAND 2	222807		ALLEGANY	39 38	78 45W	730	17	07			H	TIMOTHY B THOMAS
DALECARLIA RESERVOIR	232504		DIS COLUMBIA	38 56	77 7W	150	17	17			H	U S CORPS OF ENGINEERS
DAMASCUS 2 SW	233506		MONTGOMERY	39 16	77 14W	722	19	19			H	INACTIVE 01/01/92
DAMASCUS 2 SSW	233606		MONTGOMERY	39 16	77 14W	670	22	22			H	ROBERT J LEFFLER
EDGEMONT	277007		WASHINGTON	39 40	77 33W	905	07	07			H	JOHN W HARNE
EMMITSBURG 2 SE	290606		FREDERICK	39 41	77 18W	416	17	17			H	LUCILLE K BEALE
FREDERICK POLICE BRKS	334806		FREDERICK	39 25	77 26W	380	17	17			H	MARYLAND STATE POLICE
FREDERICK GAS PLANT	334906		FREDERICK	39 27	77 24W	290	08	08			H	PLANT EMPLOYEES
FROSTBURG 2	341507		ALLEGANY	39 40	78 56W	2168	07	07			H	KENNETH L CLOSE
GLENN DALE BELL STN	367504		PRINCE GEORG	38 58	76 48W	150	16	16			H	USDA PLANT INTRODUCT STN
HAGERSTOWN	397507		WASHINGTON	39 39	77 44W	660	08	08			H	INACTIVE 11/01/93
HANCOCK	403007		WASHINGTON	39 42	78 11W	428	08	08		C	H	TOWN OF HANCOCK
LA PLATA 1 W	508003		CHARLES	38 32	77 0W	140	18	18			H	INACTIVE 02/28/94
LAUREL 3 W	511104		PRINCE GEORG	39 6	76 54W	400	07	07			H	MA SUBURBAN SANITARY COM
MC HENRY 2 NW	583208		GARRETT	39 35	79 22W	2680	08	08		C	H	INACTIVE 12/01/93
MECHANICSVILLE 5 NE	586503		ST MARYS	38 27	76 41W	100	19	19			H	SANDRA J HASTINGS
MERRILL	589408		GARRETT	39 36	79 5W	1790	09	09			H	DELWOOD E MERRILL
MILLERS 4 NE	593406		GARROLL	39 43	76 48W	860	18	18		C	H	BOBBY P MILLER
MILLINGTON 1 SE	598505		KENT	39 16	75 52W	30	18	18			H	HOWARD L HARVEY
NATIONAL ARBORETUM DC	635004		DIS COLUMBIA	38 54	76 59W	50	07	07			H	US NATIONAL ARBORETUM
OAKLAND 1 SE	662008		GARRETT	39 24	79 24W	2419	17	17			H	BEA J CROSCO
OWINGS FERRY LANDING	677003		CALVERT	38 41	76 40W	160	17	17			H	JAMES C RASMUSSEN
POTOMAC FILTER PLANT	727206		MONTGOMERY	39 2	77 15W	270	08	08			H	POTOMAC WATER FILT PLANT
PRINCESS ANNE	733001		SOMERSET	38 13	75 41W	20	17	17			H	UNIV OF MD EASTERN SHORE
ROCKVILLE 1 NE	770506		MONTGOMERY	39 6	77 6W	440	MID	17			H	WASHINGTON GAS & ELEC CO
ROYAL OAK 2 SSW	780602		TALBOT	38 43	76 11W	10	18	18			H	JOHN L SHAWNE JR
SALISBURY	800001		WICOMICO	38 22	75 35W	10	17	17			H	CITY OF SALISBURY
SALISBURY FAA ARPT #	800501		WICOMICO	38 20	75 31W	50	MID	MID			H	FAA
SAVAGE RIVER DAM	806508		GARRETT	39 31	79 8W	1495	08	08		O	B	US CORPS OF ENGINEERS
SNOW HILL 4 N	838001		WORCESTER	38 14	75 23W	30	17	17			H	CURTIS E SHOCKLEY
TOWSON	887706		BALTIMORE	39 23	76 34W	390	18	18			H	ENVIRONMENTAL TECH GROUP
UNIONVILLE	903006		FREDERICK	39 27	77 11W	430	17	17		C	H	ROBERT YOUNG
UPPER MARLBORO 3 NNW	907004		PRINCE GEORG	38 52	76 47W	100	08	08		O	B	INACTIVE 09/01/93
VIENNA	914002		DORCHESTER	38 29	75 50W	10	18	18			H	DELMARVA POWER & LIGHT
WESTMINSTER POL BRKS	944006		CARROLL	39 33	76 58W	765	17	17			H	MARYLAND STATE POLICE
WOODSTOCK	975006		BALTIMORE	39 20	76 52W	460	18	18			H	JOHN A HILTZ

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

MARYLAND AND
DELAWARE
AUGUST 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	2730	00	KENT	39 39	75 31 W	30	17	17		H	STATE HIGHWAY DEPT		
GEORGETOWN 5 SH	3570	00	SUSSEX	38 39	75 27 W	44	18	08	08	C	H	UNIV OF DEL SUBSTATION	
GREENWOOD 2 NE	3330	00	SUSSEX	38 45	75 35 W	48	17	17			H	DANIEL H SHARTZENTRUBER	
LEMES	5330	00	SUSSEX	38 45	75 35 W	15	17	17			H	BOARD OF PUBLIC WORKS	
NEWARK UNIVERSITY FARM	6410	00	NEW CASTLE	39 40	75 44 W	90	17	17	17	C	H	UNIV OF DEL AGRIC FARM	
WILMINGTON HSO ARPT	R 9595	50	NEW CASTLE	39 40	75 36 W	74	MID	MID			C	H	NATIONAL WEATHER SERVICE
WILMINGTON PORTER RSVR	9605	50	NEW CASTLE	39 46	75 32 W	270	MID	MID			H	H	PUBLIC WORKS

SEE REFERENCE NOTES FOLLOWING STATION INDEX

REFERENCE NOTES

MARYLAND AND
DELAWARE
AUGUST 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.
- WI 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-NDAA-ASHEVILLE, N.C. AUGUST 1994-0550

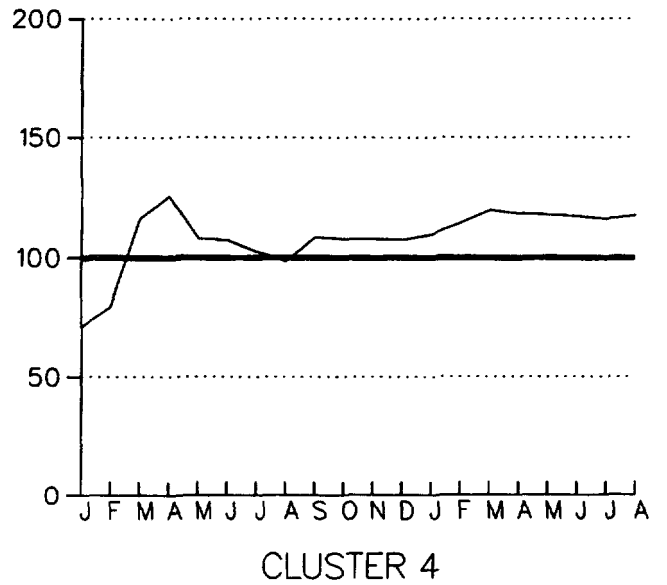
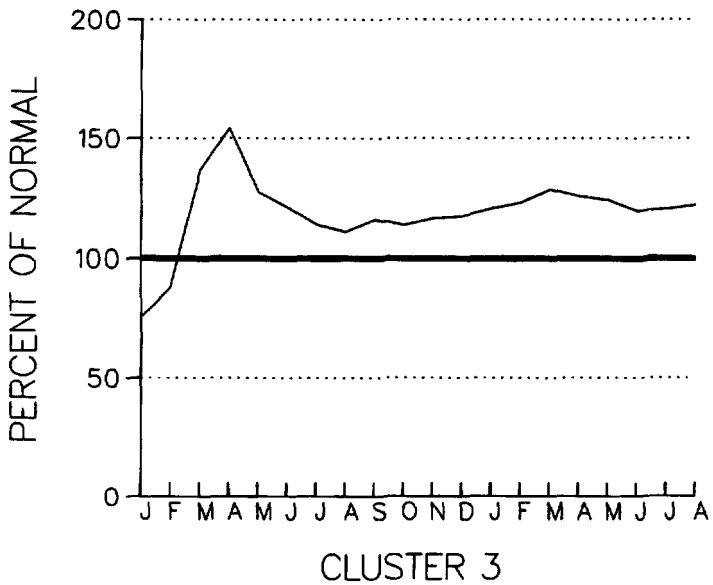
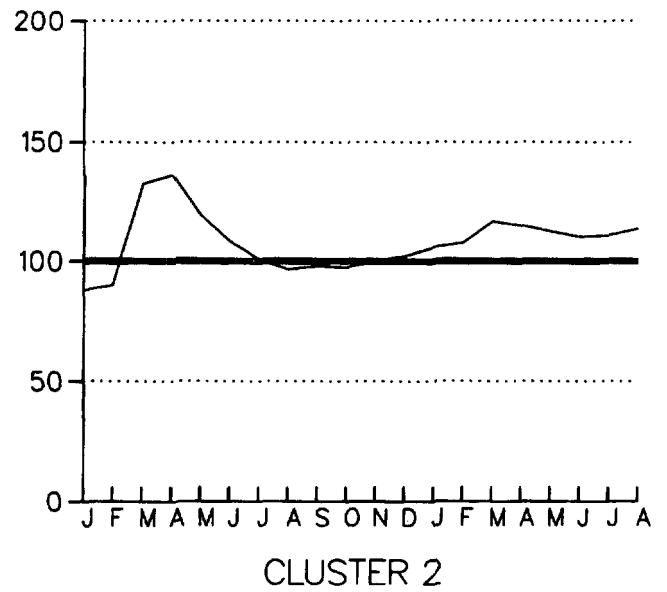
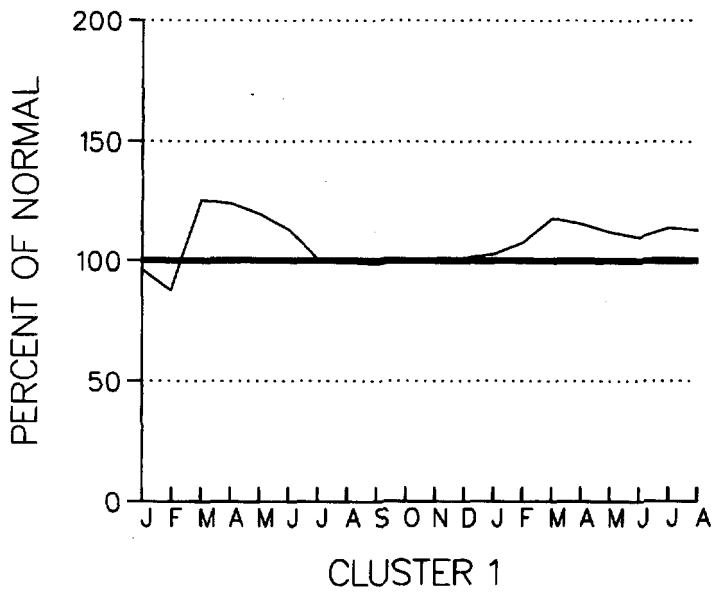
**CUMULATIVE PRECIPITATION DEPARTURES FROM NORMAL (1961-1990)
FOR THE LAST 20 MONTHS
ENDING AUGUST 1994
MARYLAND**

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

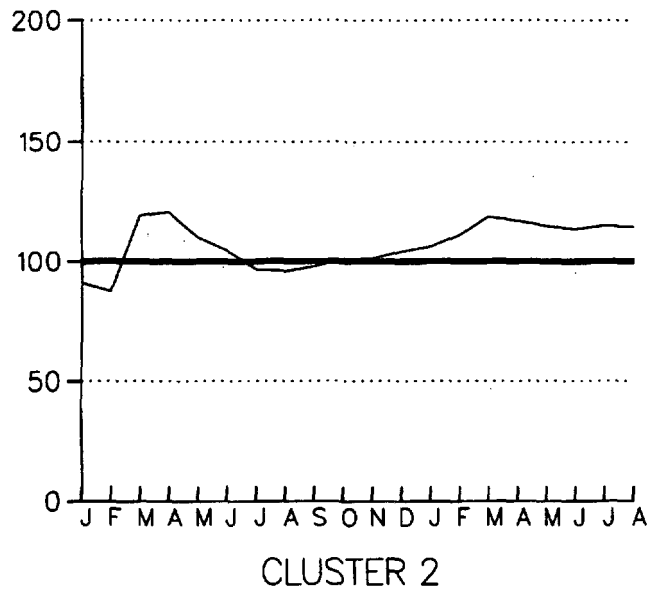
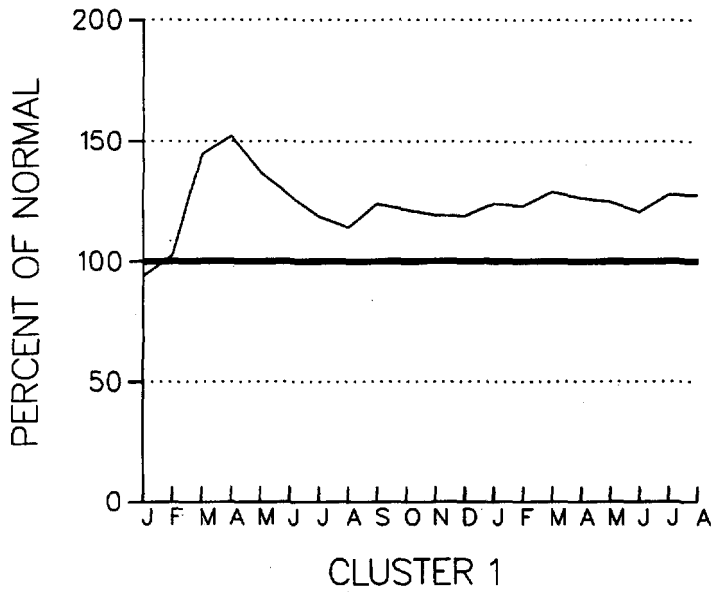
CLUSTER 4 -DIVISION(S):
ALLEGHENY PLATEAU 08



CUMULATIVE PRECIPITATION DEPARTURES FROM NORMAL (1961-1990)
 FOR THE LAST 20 MONTHS
 ENDING AUGUST 1994
 DELAWARE

CLUSTER 1 -DIVISION(S):
 NORTHERN 01

CLUSTER 2 -DIVISION(S):
 SOUTHERN 02



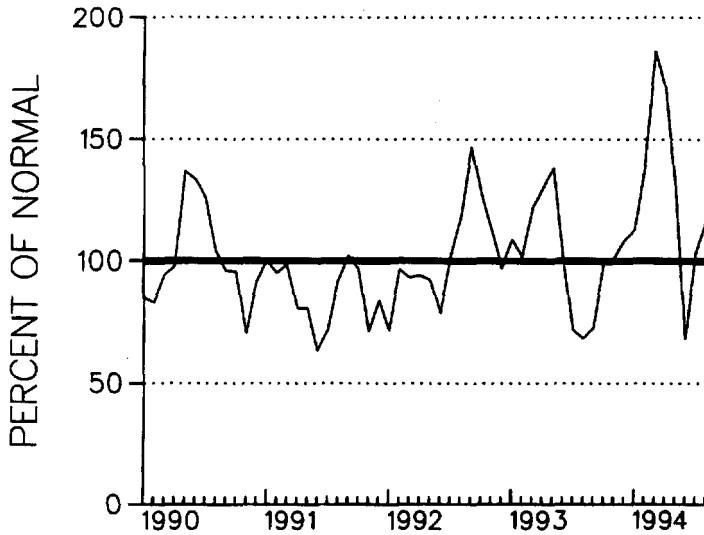
**PRECIPITATION DEPARTURES FROM NORMAL (1961-1990)
THREE MONTH RUNNING MEAN
FOR THE 56 MONTHS ENDING WITH AUGUST 1994 DATA
MARYLAND**

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

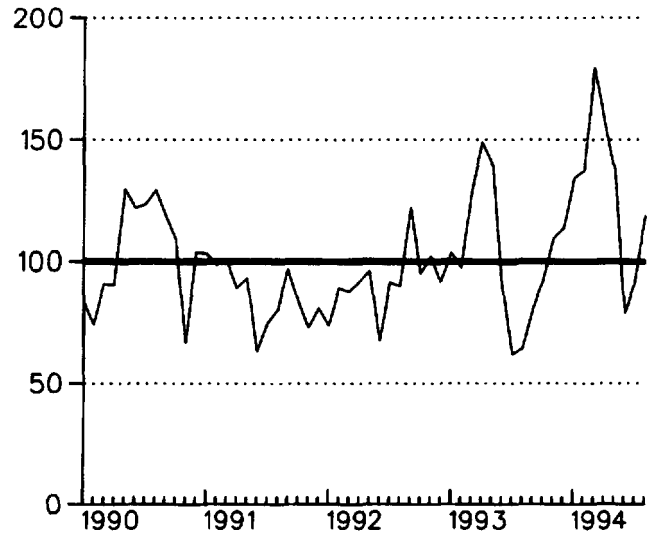
CLUSTER 2 -DIVISION(S):
UPPER SOUTHERN 04
NORTHERN EASTERN SHORE 05

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

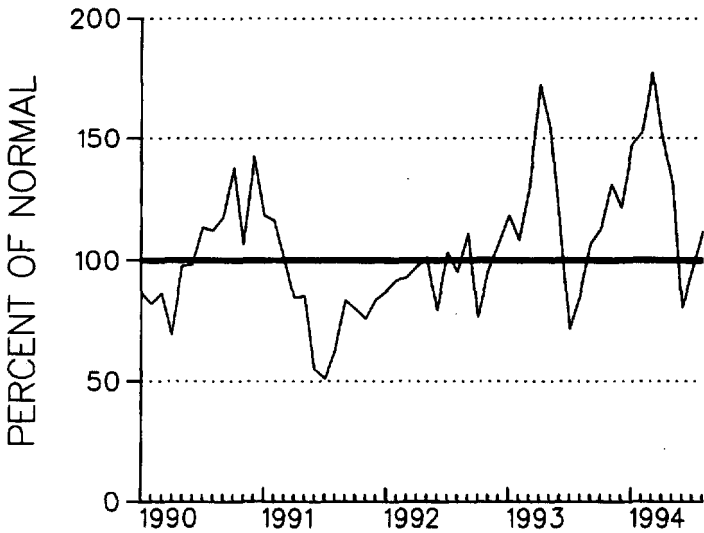
CLUSTER 4 -DIVISION(S):
ALLEGHENY PLATEAU 08



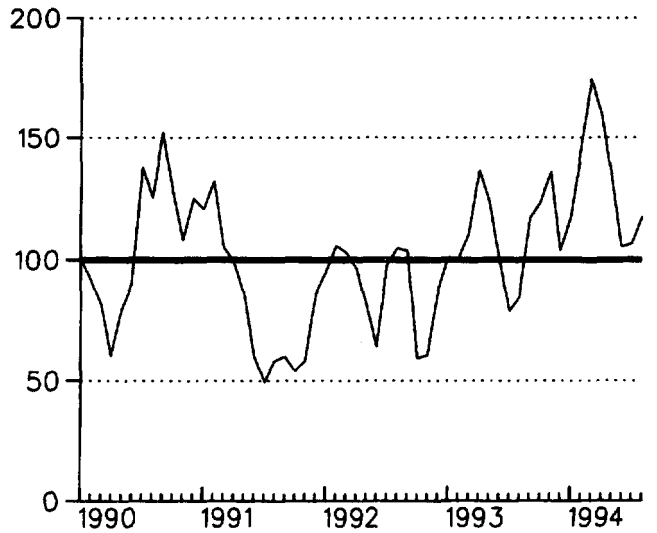
CLUSTER 1



CLUSTER 2



CLUSTER 3

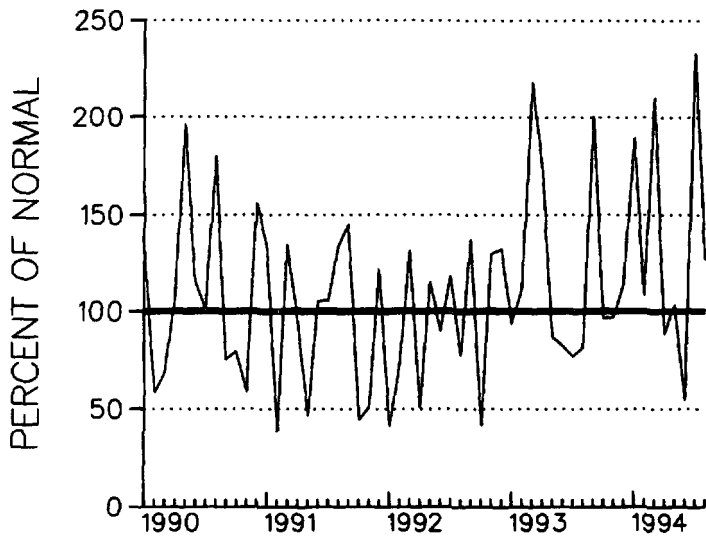


CLUSTER 4

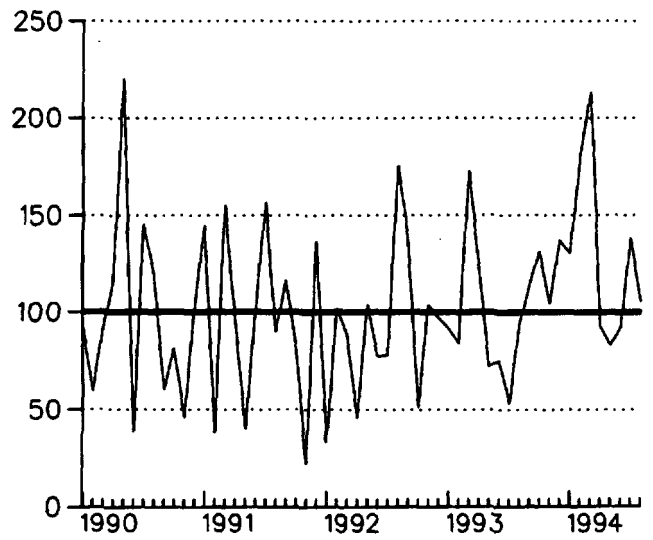
PRECIPITATION DEPARTURES FROM NORMAL (1961-1990)
FOR THE 56 MONTHS
ENDING AUGUST 1994
DELAWARE

CLUSTER 1 -DIVISION(S):
NORTHERN 01

CLUSTER 2 -DIVISION(S):
SOUTHERN 02



CLUSTER 1



CLUSTER 2

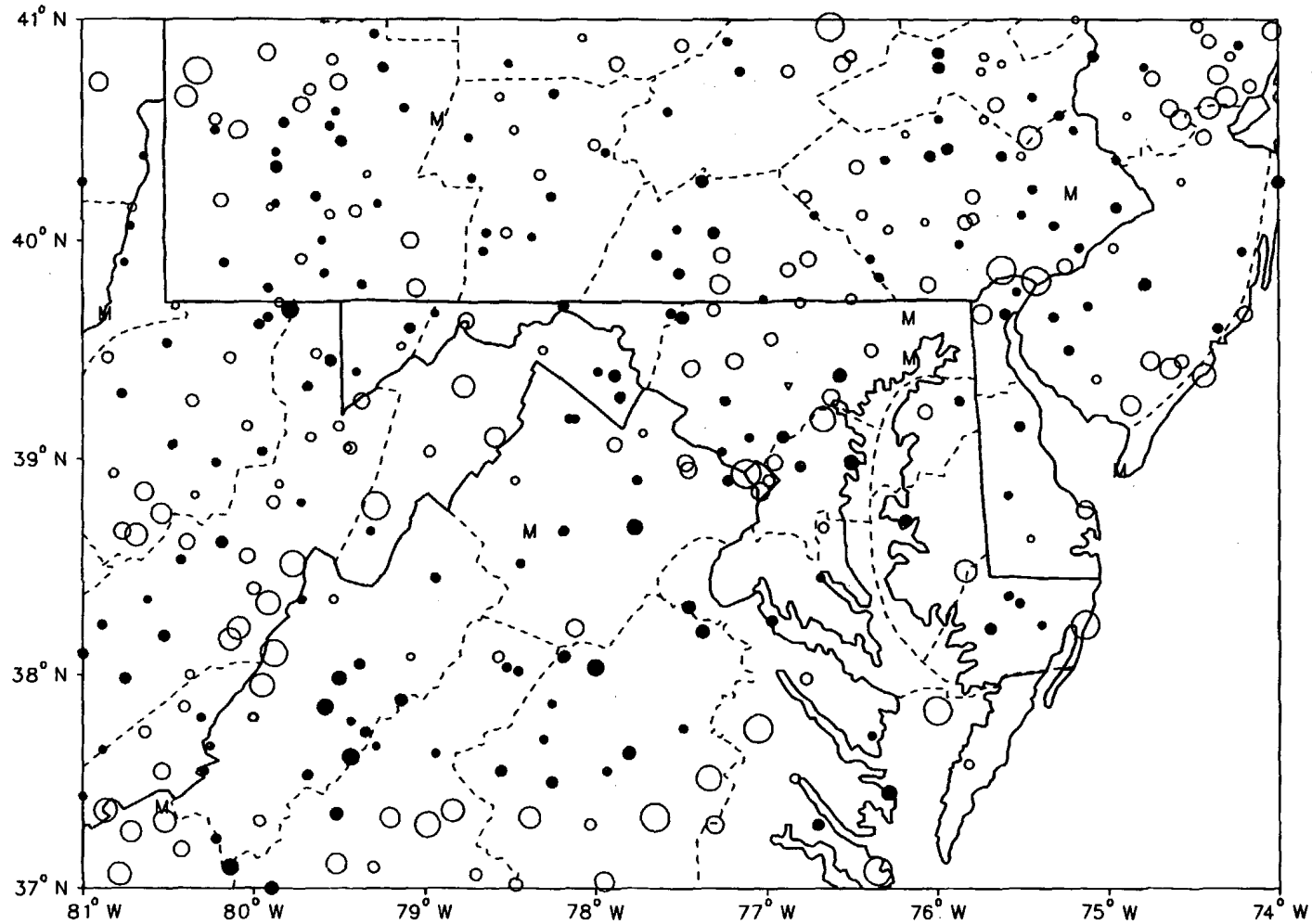
MONTHLY PRECIPITATION DEPARTURE FROM
THE DIVISIONAL AVERAGE FOR
AUGUST 1994
MARYLAND & DELAWARE

M DENOTES INCOMPLETE DATA FOR THE MONTH

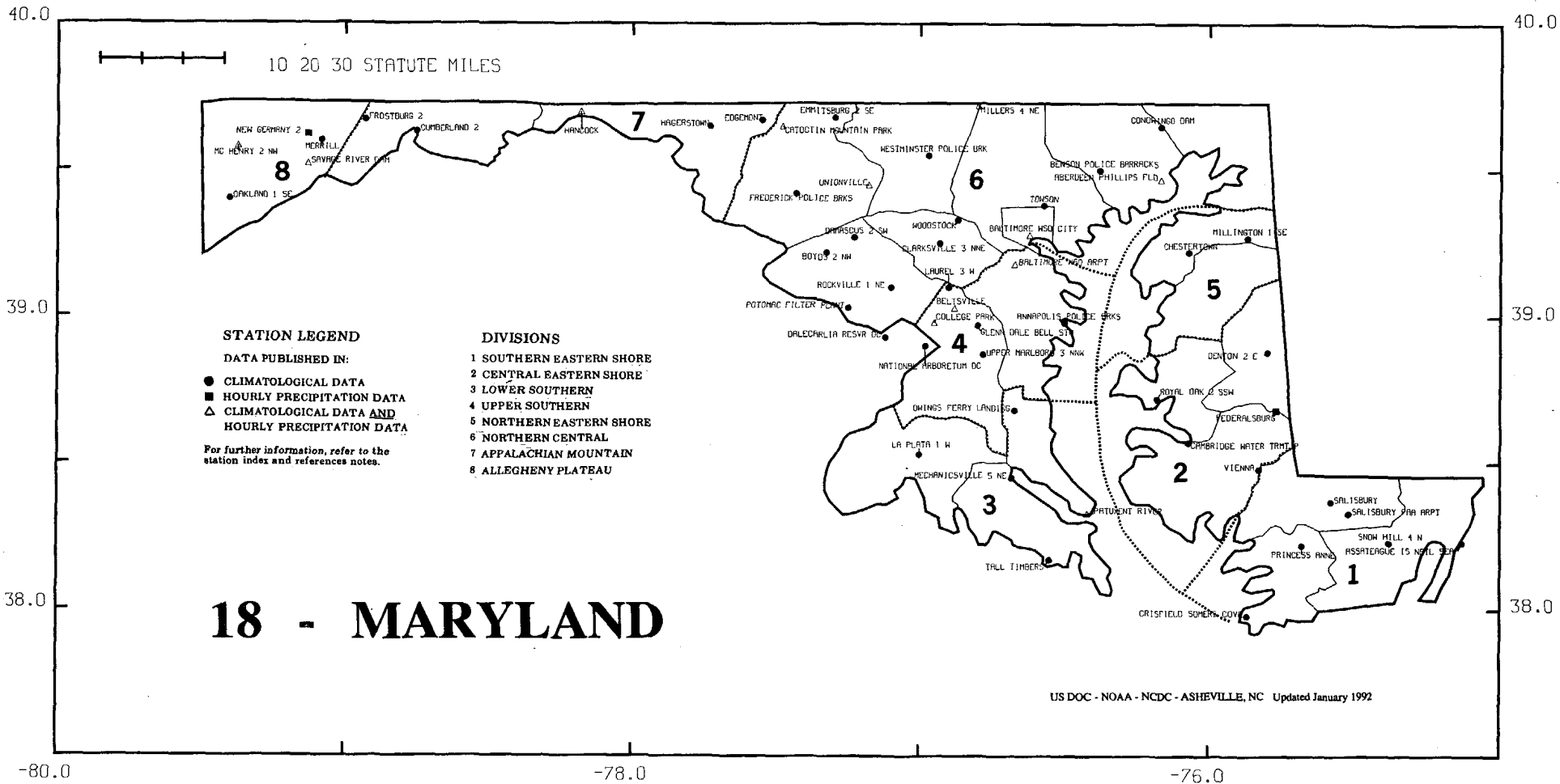
▽ ZERO DEPARTURE

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

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



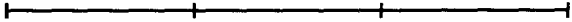
CIRCLE DIAMETER IS PROPORTIONAL TO DEPARTURE ON A CONTINUOUS SCALE



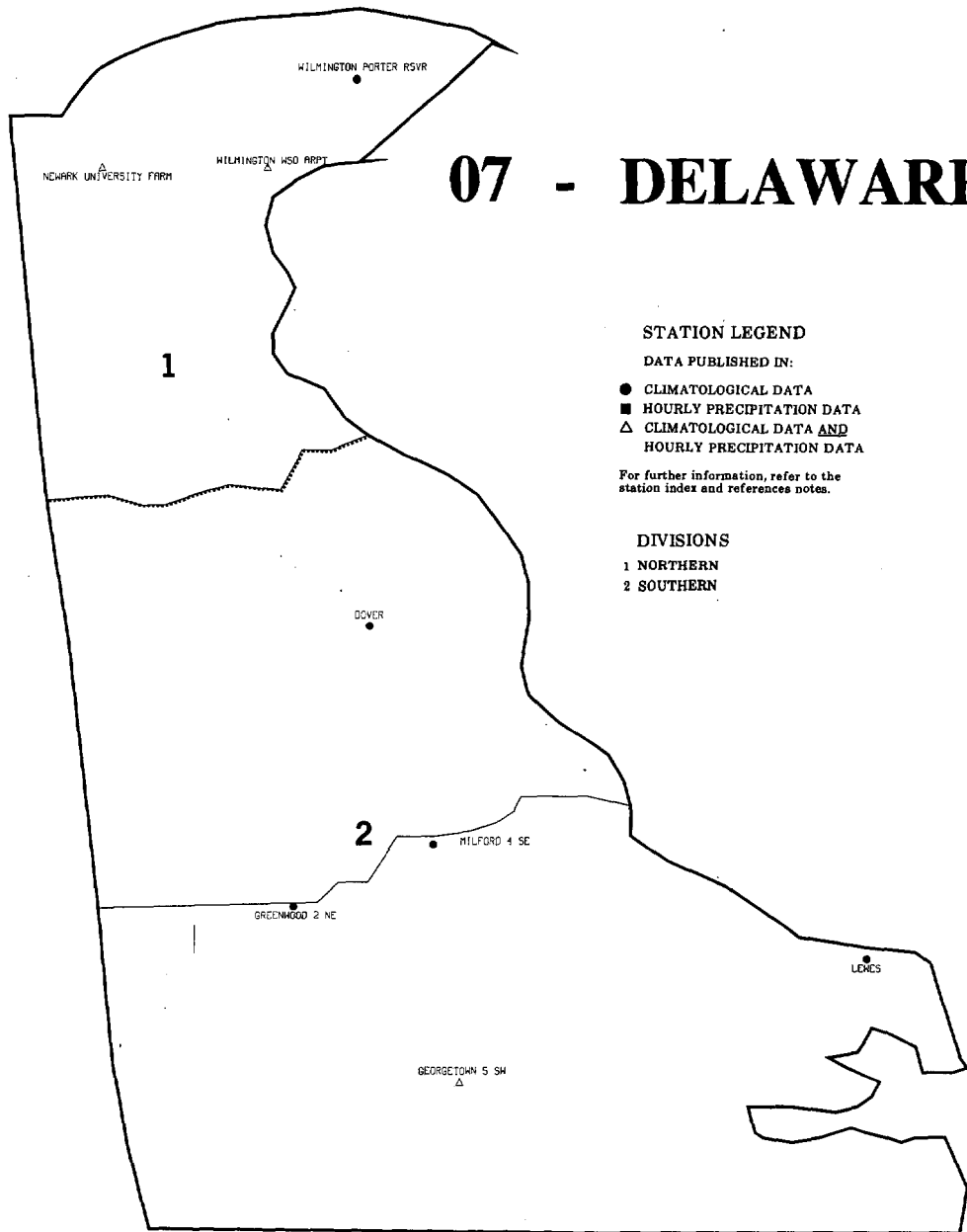
0.0

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 reference notes.

DIVISIONS

- 1 NORTHERN
- 2 SOUTHERN

9.0

39.0

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

8.0
76.0

-75.5

-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					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	2.70	2.90	1.54E						3.80	4.90	4.80
BADIN											2.40	4.10	2.90
B EVERETT JORDAN DAM		1.70	1.50	3.60							1.70		
BOOMER 5 WSO													
BURLINGTON 3 WNE		1.00	2.10										
CAPE HATTERAS WSO	48.06	0.80	1.92E										
CAROLINA 8 SE		5.75											
CATAWOGUE		1.70											
CHARLOTTE WSO AP	26.91	0.63											
CLINTON 2 NE													
DALTON													
DOBSON													
EDEN													
ELI													
ELIZABETH													
FAYE													
FRANK													
GREENS													
GREENVILLE													
HELMON													
HDBUCKER													
LAKE LURE													
LAURINBURG													
LEXINGTON													
MORRISVILLE 2													
MORCHEAD CITY													
MOORE FLEASANT													
N WILKESBORO 12													
POLKTON 2 NE													
QUEBEC													
RALIGH-DURHAM WSO													
ROANOKE RAPIDS													
ROARING GAP 1 NW													
SHELBY 2													
SNEADS FERRY 2 ENE													
SHAWANANDA 2 SSE													
WELMINGTON WSO AP													
WILSON 3 SW													
YADKINVILLE 6 E	28												

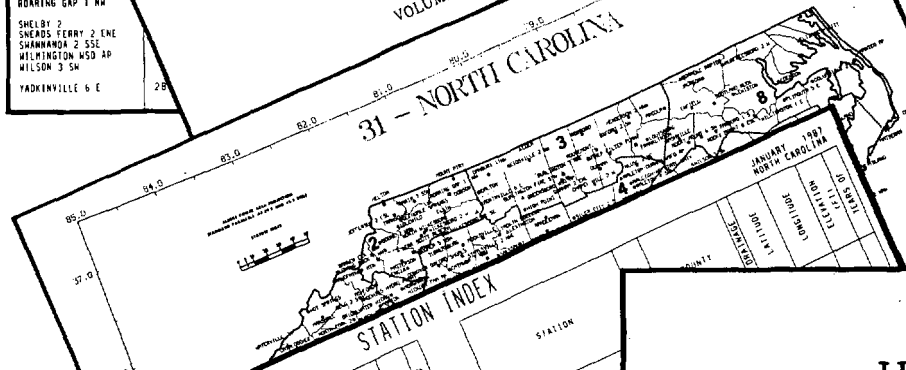
HOURLY PRECIPITATION DATA

NORTH CAROLINA

DECEMBER 1987
WITH ANNUAL SUPPLEMENT
VOLUME 37 NUMBER 12

A WORLD OF CLIMATIC INFORMATION FOR . . .

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- * Industry
- * Insurance Companies
- * Public Utilities
- * Research & Development
- * Energy



STATION	COUNTY	DATE	PRECIPITATION
NORTH CAROLINA			
ASHEVILLE WSO AP	ASHE	10/11/87	0.00
ASHEVILLE	ASHE	10/11/87	0.00
ASHFORD	ASHE	10/11/87	0.00
BADIN	ASHE	10/11/87	0.00
B EVERETT JORDAN DAM	ASHE	10/11/87	0.00

STATION	MONTHLY PRECIPITATION MAXIMA					
	MINUTES	15	30	45	1 HOUR	2 HOURS
NORTH CAROLINA						
ASHEVILLE WSO AP	10 20/11/87	10 20/11/87	10 20/11/87	10 20/11/87	10 20/11/87	10 20/11/87
ASHEVILLE	10 20/11/87	10 20/11/87	10 20/11/87	10 20/11/87	10 20/11/87	10 20/11/87
ASHFORD	10 20/11/87	10 20/11/87	10 20/11/87	10 20/11/87	10 20/11/87	10 20/11/87
BADIN	10 20/11/87	10 20/11/87	10 20/11/87	10 20/11/87	10 20/11/87	10 20/11/87
B EVERETT JORDAN DAM	10 20/11/87	10 20/11/87	10 20/11/87	10 20/11/87	10 20/11/87	10 20/11/87

STATION	HOURLY PRECIPITATION											
	1	2	3	4	5	6	7	8	9	10	11	12
NORTH CAROLINA												
ASHEVILLE WSO AP	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
ASHEVILLE	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
ASHFORD	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
BADIN	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
B EVERETT JORDAN DAM	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01

For further information, call or write to the
NATIONAL CLIMATIC DATA CENTER
Room 120, 151 Patton Avenue, Asheville, NC 28801-5001
Phone (704) 271-4800 or (704) 271-4010 (TDD)
(704) 271-4876 (Fax)

ISSN 0364-8319

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.

noaa

NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

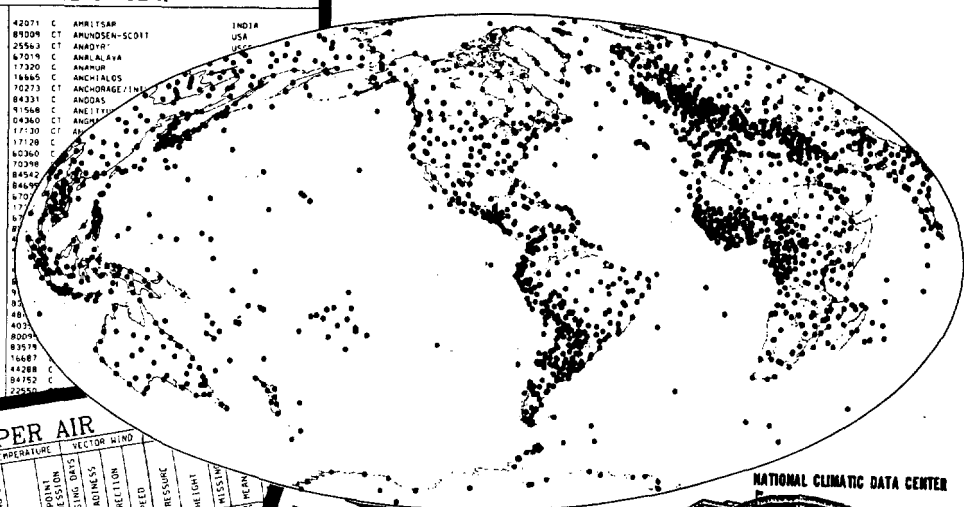
NATIONAL ENVIRONMENTAL, SATELLITE, DATA AND INFORMATION SERVICE

NATIONAL CLIMATIC DATA CENTER ASHEVILLE, NORTH CAROLINA

CLIMATIC DATA STATIONS - WORLDWIDE

STATION LIST WMO PUB 9 VOL A

41246 C	(SOHAR) MAJIS	OMAN	42071 C	AMRITSAR	INDIA
40831 C	ABDAN	IRAN, ISLAMIC REP	89009 CT	AMUNDSEN-SCOTT	USA
47409 C	ABSHIRI	JAPAN	25294 CT	ANADOLU	USA
71108 C	ABBOTSFORD, B. C.	CANADA	67514 C	ANALALAYA	
64756 C	ABECHE	CHAD	17320 C	ANAMUR	
63091 C	ABERDEEN/DVICE	U. KINGDOM	18485 C	ANCHALDES	
41112 C	ABHA	SAUDI ARABIA	70273 CT	ANCHORAGE/INTL	
63598 CT	ABIDJAN	COTE D'IVOIRE	84331 C	ANDAS	
63264 C	ABELING, TN	USA	91568 C	ANGKOR	
41214 C	ABU DHABI BATEEN AIRPORT	U. ARAB EMIRATES	04360 C	ANGLITZ	
41217 CT	ABU DHABI INTL AIRPORT	U. ARAB EMIRATES	17130 CT	ANGON	
62440 C	ABU HAMAD	SUDAN	17128 CT	ANGON	
62795 C	ABU NA'AMA	SUDAN	60360 C		
78850 C	ACAJUTLA	EL SALVADOR	70398 C		
78809 C	ACARILLO, GRD	MEXICO	84542 C		
80427 C	ACARIQUA	VENEZUELA	84549 C		
17352 CT	ADAMA	TUNISY	67077 C		
63450 CT	ADEN'S ADABA	ETHIOPIA	17177 C		
94672 CT	AGELAIDE AIRPORT	AUSTRALIA	17177 C		
41461 C	ADEN HAHAMKASAR	DEM. YEMEN	84549 C		
60585 C	ADZIKI	COTE D'IVOIRE	17177 C		
60620 C	ADRAR	ALGERIA	17177 C		
76674 CT	AEROP. INTL MEXICO, D.F.	MEXICO	17177 C		
76844 CT	AEROP. INTL MEXICO, TUC.	MEXICO	17177 C		
76394 CT	AEROP. INTL. MONTERREY, N.L.	MEXICO	17177 C		
87582 C	AEROPARQUE	ARGENTINA	17177 C		
11190 C	AETON	TURKEY	17177 C		
61024 C	AGADECZ	NIGER	17177 C		
60250 C	AGADIR	MOROCCO	17177 C		
61974 C	AGALEGA	MAURITIUS	17177 C		
42261 C	AGPA	INDIA	17177 C		
18672 C	AGRINGTON (AIRPORT)	GREECE	16687 C		
42647 CT	AHMEDABAD	INDIA	44288 C		
60560 C	AIN SERA	ALGERIA	22552 C		
61499 C	AIGUN EL ATRUSS	MAURITANIA			
07761 CT	AJACCIO	FRANCE			
31168 C	AJAN	INDIA			
17184 C	AKHISAR	TURKEY			
61582 CT	AKVITA	INDIA			



NATIONAL CLIMATIC DATA CENTER



UPPER AIR

ASIA-JAPAN

LEVEL	TEMPERATURE	VECTOR WIND	LEVEL	TEMPERATURE	VECTOR WIND
PRE-SURE	HEIGHT	MISSING DATA	PRE-SURE	HEIGHT	MISSING DATA
1000	1000	1000	1000	1000	1000
900	900	900	900	900	900
800	800	800	800	800	800
700	700	700	700	700	700
600	600	600	600	600	600
500	500	500	500	500	500
400	400	400	400	400	400
300	300	300	300	300	300
200	200	200	200	200	200
100	100	100	100	100	100

SURFACE

EUROPE-NORWAY

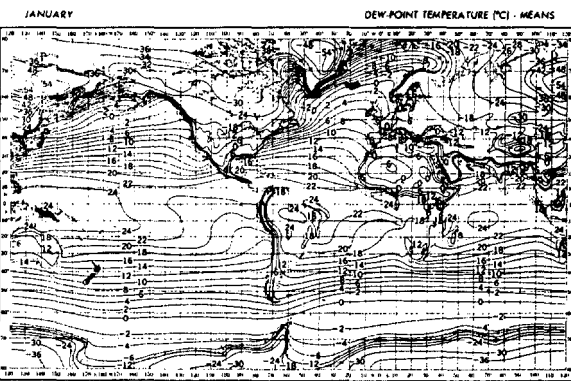
STATION	LATITUDE	LONGITUDE	ELEVATION	DATE OBS.	PRE-SURE	TEMPERATURE	VAPOR PRESSURE	PRECIPITATION	SUNSHINE
7056N 0152E	7056	0152	20	1000-1	1003.7	-16.8	0.0	0.0	0.0
7843N 0152E	7843	0152	10	1000-1	1003.7	-16.8	0.0	0.0	0.0
6311N 0310E	6311	0310	15	1000-1	1003.7	-16.8	0.0	0.0	0.0
6311N 0310E	6311	0310	15	1000-1	1003.7	-16.8	0.0	0.0	0.0
6311N 0310E	6311	0310	15	1000-1	1003.7	-16.8	0.0	0.0	0.0
6311N 0310E	6311	0310	15	1000-1	1003.7	-16.8	0.0	0.0	0.0
6311N 0310E	6311	0310	15	1000-1	1003.7	-16.8	0.0	0.0	0.0
6311N 0310E	6311	0310	15	1000-1	1003.7	-16.8	0.0	0.0	0.0
6311N 0310E	6311	0310	15	1000-1	1003.7	-16.8	0.0	0.0	0.0
6311N 0310E	6311	0310	15	1000-1	1003.7	-16.8	0.0	0.0	0.0

JANUARY 1988
VOL 41 NO. 1
ISSN 0027-0296



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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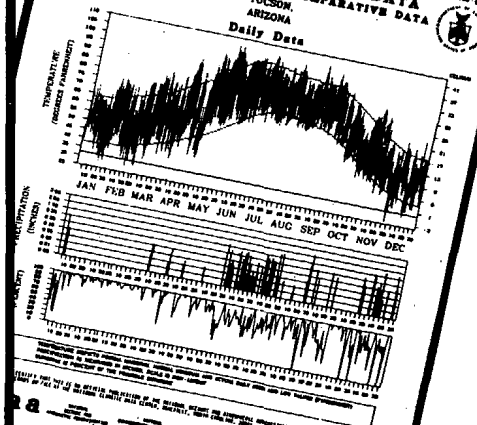
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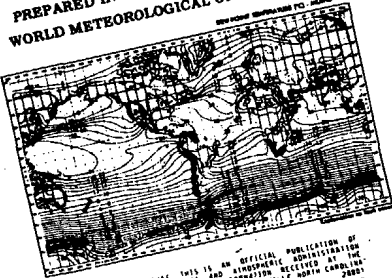
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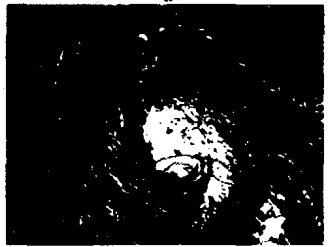
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