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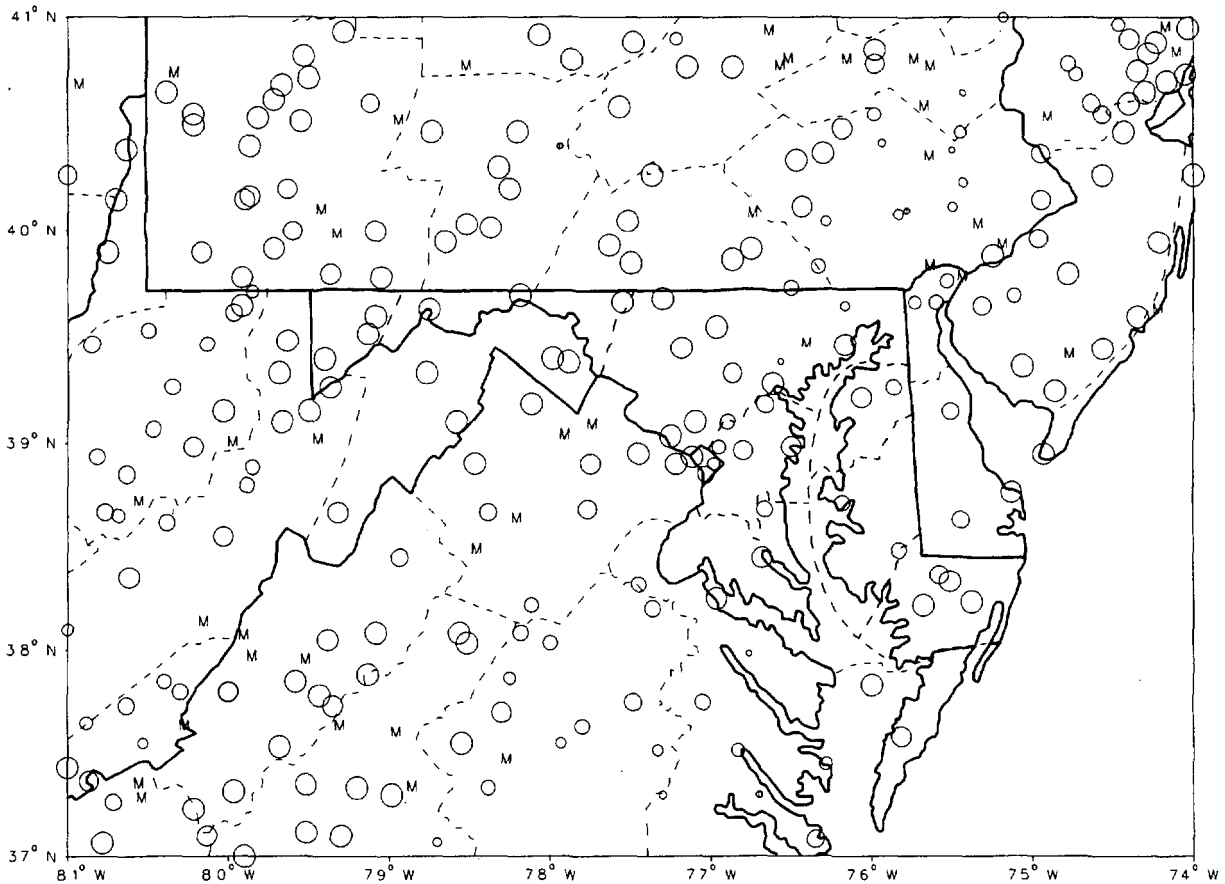
CLIMATOLOGICAL DATA MARYLAND AND DELAWARE

MARCH 1995

VOLUME 99 NUMBER 3

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
MARCH 1995

MARYLAND
 HIGHEST TEMPERATURE 84
 LOWEST TEMPERATURE 0
 GREATEST TOTAL PRECIPITATION 3.88
 LEAST TOTAL PRECIPITATION .43
 GREATEST 1 DAY PRECIPITATION 2.30
 GREATEST TOTAL SNOWFALL 7.3
 GREATEST DEPTH OF SNOW OR ICE 7

DELAWARE
 HIGHEST TEMPERATURE 77
 LOWEST TEMPERATURE 19
 GREATEST TOTAL PRECIPITATION 2.83
 LEAST TOTAL PRECIPITATION 2.20
 GREATEST 1 DAY PRECIPITATION 2.03

MARCH 17
 MARCH 10

MARCH 9
 MARCH 9

MARCH 16
 MARCH 10

MARCH 8

BALTIMORE CITY
 OAKLAND 1 SE R
 TOWSON
 SAVAGE RIVER DAM
 COLLEGE PARK
 FROSTBURG 2
 FROSTBURG 2

GREENWOOD 2 NE
 3 STATIONS
 WILMINGTON PORTER RSVR
 LEWES
 WILMINGTON PORTER RSVR

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

MARYLAND AND
DELAWARE
MARCH 1995

STATION	TEMPERATURE (°F)													PRECIPITATION (IN)					
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST DATE	LOWEST DATE	HEATING DEGREE DAYS	COOLING DEGREE DAYS	NO. OF DAYS				TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY DATE	SNOW SLEET			
									90 OR ABOVE	32 OR BELOW	32 OR BELOW	0 OR BELOW				TOTAL	MAX. DEPTH ON GROUND	DATE	.10 OR MORE
MARYLAND																			
SOUTHERN EASTERN SHORE 01																			
ASSATEAGUE IS NATL SEA	54.6	37.1	45.9		75 17	22 11	585	0	0	0	5	0	1.99		.77	8	.0	0	3 1 0
PRINCESS ANNE	63.5	34.2	48.9	3.1	77 16	18 10	493	0	0	0	12	0	1.97	-1.87	1.12	9	.0	0	3 1 1
SALISBURY	61.1	37.7	49.4	2.7	78 16	20 10	473	0	0	0	6	0	2.50	-1.74	1.32	9	.0	0	3 1 1
SALISBURY FAA ARPT	60.1	35.7	47.9	2.8	8 11	22 11	519	0	0	0	6	0	1.95	-2.20	1.25	9	.0	0	3 1 1
SNOW HILL 4 N	60.3	35.1	47.7	2.1	77 16	20 10	529	0	0	0	13	0	1.40	-2.90	.72	9	.0	0	2 1 0
--DIVISIONAL DATA----->																			
CENTRAL EASTERN SHORE 02																			
ROYAL OAK 2 SSW	58.3	38.1	48.2	2.5	74 16	25 11+	515	0	0	0	7	0	2.60	-1.20	1.51	9	.0	0	3 2 1
VIENNA	60.8	36.0	48.4	1.9	77 16	24 11	509	0	0	0	11	0	2.63	-1.14	1.98	9	.0	0	3 1 1
--DIVISIONAL DATA----->																			
LOWER SOUTHERN 03																			
MECHANICSVILLE 5 NE	59.6	35.7	47.7	2.0	79 16	20 10	530	0	0	0	11	0	2.24	-1.73	1.65	9	.0	0	3 1 1
OWINGS FERRY LANDING	59.4	34.9	47.2	1.7	76 17+	20 11+	546	0	0	0	11	0	2.24	-1.07	1.55	9	.0	0	3 1 1
--DIVISIONAL DATA----->																			
UPPER SOUTHERN 04																			
ANNAPOLIS POLICE BRKS	58.1	38.1	48.1	2.9	76 17	22 10	524	0	0	0	5	0	2.04	-1.59	1.10	9	.0	0	3 1 1
BALTIMORE WSO ARPT	58.5	37.1	47.8	3.7	77 16	22 10	525	0	0	0	6	0	2.12	-1.26	1.88	8	.2	0	2 1 1
COLLEGE PARK	59.8	37.6	48.7	3.8	78 17	20 10	501	0	0	0	8	0	2.48	-.85	2.30	9	.5	0	2 1 1
DALECARLIA RESERVOIR	60.5	35.5	48.0	2.4	79 17+	20 10	518	0	0	0	7	0	1.40	-2.12	1.20	8	.0	0	2 1 1
GLENN DALE BELL STN	61.6	34.1	47.9	3.2	80 18+	18 10	526	0	0	0	11	0	1.93	-1.42	1.45	8	.0	0	3 1 1
LAUREL 3 W	58.5	36.9	47.7	3.3	78 16	19 10	523	0	0	0	6	0	2.49	-.99	1.98	8	.0	0	3 1 1
NATIONAL ARBORETUM DC	59.5	36.6	48.1	3.3	79 17	21 10	520	0	0	0	7	0	2.60	-.74	2.24	9	.0	0	2 1 1
--DIVISIONAL DATA----->																			
NORTHERN EASTERN SHORE 05																			
CHESTERTOWN	57.7	35.4	46.6	2.7	78 16	21 10	564	0	0	0	8	0	1.99	-1.67	1.36	8	.0	0	3 1 1
MILLINGTON 1 SE	59.4	34.9	47.2	3.8	77 16	21 11+	545	0	0	0	11	0	2.46	-1.10	1.49	9	.0	0	3 2 1
--DIVISIONAL DATA----->																			
NORTHERN CENTRAL 06																			
ABERDEEN PHILLIPS FIEL	57.9	37.0	47.5	3.2	75 16	22 10	526	0	0	0	7	0	1.52	-1.77	.79	9	.0	0	3 1 0
BALTIMORE CITY	61.6	42.7	52.2	5.6	84 17	24 10+	399	8	0	0	4	0	1.61	-2.02	1.37	9	.0	0	2 1 1
CATOCTIN MOUNTAIN PARK	53.8	33.5	43.7	5.6	73 16+	11 10	655	0	0	0	14	0	1.39	-.80	.80	9	.0	0	4 1 1
CONOWINGO DAM	56.3	37.6	47.0	5.5	80 18	21 10	554	0	0	0	16	0	3.05	-.45	2.29	7	.0	0	2 1 1
DAMASCUS 2 SSW	55.6	37.9	43.5	7.5	75 15	15 9	660	0	0	0	18	0	1.56	-.60	1.27	8	3.1	0	4 1 1
EMMITTSBURG 2 SE	56.2	32.6	44.4	2.4	75 16	16 10	629	0	0	0	16	0	1.00	-2.53	.50	9	3.0	0	2 1 1
FREDERICK POLICE BRKS	58.0	34.7	46.4	7.6	76 16	18 11	569	0	0	0	12	0	1.22	-.60	.60	9	.0	0	4 1 1
MILLERS 4 NE	53.6	34.0	43.8	7.4	74 16	16 10	647	0	0	0	12	0	1.69	-.98	.98	8	2.0	0	2 1 1
ROCKVILLE 1 NE	56.8	35.7	46.3	2.9	75 16	18 10	573	0	0	0	8	0	1.68	-1.68	1.42	8	1.6	0	2 1 1
TOWSON	57.9	26.4	42.2	-1.6	75 18	12 10	700	0	0	0	25	0	3.88	-.05	2.02	9	.0	0	6 2 1
UNIONVILLE	57.0	30.9	44.0	3.8	78 16	13 10	643	0	0	0	19	0	1.45	-2.68	.16	6	.0	0	3 0 0
WESTMINSTER POL BRKS	56.7	31.1	43.9	2.0	75 16	11 10	648	0	0	0	18	0	1.50	-1.92	.86	8	2.0	0	3 1 0
WOODSTOCK	58.1	32.9	45.5	2.4	78 16	15 10	598	0	0	0	13	0	2.24	-1.47	1.06	8	1.5	0	3 2 1
--DIVISIONAL DATA----->																			
1.75 -1.78																			

SEE REFERENCE NOTES FOLLOWING STATION INDEX

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

MARYLAND AND
DELAWARE
MARCH 1995

STATION	TEMPERATURE (°F)													PRECIPITATION (IN)												
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	HEATING DEGREE DAYS	COOLING DEGREE DAYS	NO. OF DAYS				TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	SNOW SLEET							
											90 OR ABOVE	32 OR BELOW	32 OR BELOW	0 OR BELOW					TOTAL	MAX. DEPTH ON GROUND	DATE	.10 OR MORE	.50 OR MORE	1.00 OR MORE		
APPALACHIAN MOUNTAIN 07																										
CUMBERLAND 2	58.6	32.8	45.7	2.5	78	16	16	10+	589	0	0	1	2	0	1.92	-2.16	.41	9	3	0	3	9	3	0	0	
FROSTBURG 2	59.4	30.2	39.8		69	8	10	11	767	0	0	2	2	0	1.48	-.81	.81	9	7	0	9	9	4	1	0	
HANCOCK	58.0	29.6	43.8	3.1	78	17	11	11+	653	0	0	2	1	0	.89	-2.19	.33	9	3	0	0	2	0	0	0	
--DIVISIONAL DATA-->			43.1	1.6											1.10	-2.21			3.4							
ALLEGHENY PLATEAU 08																										
OAKLAND 1 SE	52.4	27.6	40.0	2.5	71	7	0	10	767	0	0	2	2	1	1.26	-2.81	.44	6	6	0	M	6	0	0	0	
SAVAGE RIVER DAM	53.6	29.8	41.7	4.2	73	16+	14	11+	716	0	0	1	2	1	.43	-2.82	.16	9	6	0		2	9	2	0	0
--DIVISIONAL DATA-->			40.9	4.1											.85	-3.11			6.0			6	0	0	0	
DELAWARE																										
NORTHERN 01																										
NEWARK UNIVERSITY FARM	57.9	34.4	46.2	3.0	74	16+	19	10	576	0	0	0	1	0	2.54	-.72	1.20	9	4	0		3	2	1	1	
WILMINGTON HSD ARPT	55.9	34.8	45.4	2.7	73	16+	19	10	598	0	0	0	9	0	2.47	-.95	1.80	8	1	0		2	2	1	1	
WILMINGTON PORTER RSVR	54.5	36.0	45.3	3.5	72	15+	19	10	606	0	0	0	8	0	2.83	-.98	2.03	8	1	0		2	2	1	1	
--DIVISIONAL DATA-->			45.6	2.9											2.61	-.86			1.0			2	2	1	1	
SOUTHERN 02																										
DOVER	56.3	38.1	47.2	2.2	73	17	22	10	546	0	0	0	5	0	2.49	-1.31	1.62	9	1	0		2	2	1	1	
GEORGETOWN 5 SW	57.2	33.8	45.5	1.9	73	18	22	11	598	0	0	0	14	0	2.54	-1.45	1.45	9	1	0		4	1	1	1	
GREENWOOD 2 NE	58.7	35.0	46.9		77	16	22	11	556	0	0	0	12	0	2.30		1.45	9	1	0		2	2	1	1	
LEWES	56.8	38.1	47.5	2.9	73	17	24	10	537	0	0	0	4	0	2.20	-1.91	1.48	9	1	0		3	1	1	1	
--DIVISIONAL DATA-->			46.8	2.2											2.38	-1.56			1.0							

SEE REFERENCE NOTES FOLLOWING STATION INDEX
4

DAILY PRECIPITATION (INCHES)

MARYLAND AND
DELAWARE
MARCH 1995

STATION	TOTAL	DAY OF MONTH																															
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
DELAWARE																																	
NORTHERN 01																																	
NEWARK UNIVERSITY FARM	2.54								.73	1.20												.49	.09										
WILMINGTON WSO ARPT R	2.47								1.80	T												.54	.08										
WILMINGTON PORTER RSVR	2.83			T	.05	T	.01	T	2.03	.02												.55	.09		T					T	.03		
SOUTHERN 02																																	
DOVER	2.49																																
GEORGETOWN 5 SW	2.54	.07			.05	T	.04		T	1.62												.68											
		.41	.08		.04	.02		.06	.02	1.45												.23	.18										
GREENWOOD 2 NE	2.30	.08			.04				.08	1.45												.63											
LEWES	2.20	.28			T	T	.01	T	.02	1.48					.02							.39										.02	

SEE REFERENCE NOTES FOLLOWING STATION INDEX
6

DAILY TEMPERATURES (°F)

MARYLAND AND
DELAWARE
MARCH 1995

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	
ALLEGHENY PLATEAU 08	17	MAX	45	31	35	37	41	53	71	67	24	36	52	64	70	70	70	69	69	55	60	69	63	48	47	46	46	57	56	50	43	42	38	52.4
OAKLAND 1 SE		MIN	30	19	20	27	28	38	42	24	11	0	22	23	24	26	28	29	30	21	25	37	42	34	26	27	23	23	37	37	35	35	32	27.6
SAVAGE RIVER DAM	08	MAX	49	37	34	38	42	42	58	73	53	26	40	58	67	71	72	73	71	61	60	62	64	52	49	49	50	51	61	59	47	48	45	53.6
		MIN	32	24	23	24	27	32	38	46	16	14	14	23	25	30	31	33	35	27	27	28	38	37	31	32	28	28	31	39	37	38	35	29.8
DELAWARE																																		
NORTHERN																																		
NEWARK UNIVERSITY FARM 01	17	MAX	48	46	42	40	54	54	59	65	45	36	56	63	71	71	74	74	72	71	60	62	63	61	49	53	56	60	58	57	62	58	54	57.9
		MIN	38	26	26	34	35	37	36	44	25	19	22	28	30	36	36	41	44	34	35	33	45	39	40	36	29	38	35	40	30	44	32	34.4
WILMINGTON WSO ARPT	MID	MAX	47	40	40	37	50	57	60	60	35	36	49	62	68	70	73	73	72	61	57	60	64	53	49	53	56	62	60	60	61	55	54	55.9
		MIN	33	26	26	34	35	38	39	34	26	19	24	32	31	36	38	43	43	33	39	37	46	40	40	34	29	37	39	41	32	43	33	34.8
WILMINGTON PORTER RSVR	MID	MAX	47	39	41	37	50	53	59	62	35	35	51	60	69	67	72	71	70	58	56	58	62	50	47	50	55	60	57	54	58	52	54.5	
		MIN	34	27	27	33	35	38	43	32	25	19	24	32	34	43	38	48	44	38	38	38	46	43	39	35	31	39	41	38	35	44	36.0	
SOUTHERN																																		
DOVER																																		
	17	MAX	57	43	41	38	50	53	59	66	66	35	47	58	65	68	70	70	73	70	57	56	57	57	52	53	53	57	57	56	55	53	52	56.3
		MIN	39	31	30	36	35	34	36	46	32	22	25	34	48	38	37	45	41	36	45	35	49	42	36	43	42	44	43	41	33	44	38	38.1
		OBS																																
GEORGETOWN 5 SW	08	MAX	60	45	41	42	44	50	59	69	67	38	37	60	62	71	68	70	71	73	56	57	64	64	59	50	55	57	59	59	49	59	57	57.2
		MIN	40	30	29	32	31	34	39	47	28	23	22	31	29	34	38	40	39	35	28	30	41	40	33	38	31	31	36	42	28	35	35	33.8
GREENWOOD 2 NE	18	MAX	57	41	40	40	50	56	69	67	65	38	57	65	71	69	70	77	73	69	57	65	63	61	50	53	54	60	59	52	59	56	56	58.7
		MIN	39	29	28	33	34	37	36	54	27	22	21	29	30	35	37	39	38	35	45	25	48	40	32	38	31	31	42	42	28	42	33	35.0
LEWES	17	MAX	59	41	38	41	46	57	64	65	65	39	49	59	65	62	67	67	73	72	55	60	66	64	53	53	55	56	56	51	57	52	55	56.8
		MIN	39	33	30	35	35	38	38	52	30	24	25	33	35	41	38	49	41	42	34	37	51	44	39	39	33	40	45	43	33	46	40	38.1

SEE REFERENCE NOTES FOLLOWING STATION INDEX

SNOWFALL AND SNOW ON GROUND (INCHES)

MARYLAND AND
DELAWARE
MARCH 1995

STATION	DAY OF MONTH																																		
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31				
MARYLAND																																			
SOUTHERN EASTERN SHORE 01																																			
SALISBURY FAA ARPT				T																															
SNOWFALL SN ON GND																																			
CENTRAL EASTERN SHORE 02																																			
ROYAL OAK 2 SSW					T																														
SNOWFALL SN ON GND																																			
LOWER SOUTHERN MECHANICSVILLE 5 NE 03																																			
SNOWFALL SN ON GND																																			
OMINGS FERRY LANDING																																			
SNOWFALL SN ON GND																																			
UPPER SOUTHERN BALTIMORE WSO ARPT 04																																			
SNOWFALL SN ON GND																																			
WTR EQUIV																																			
COLLEGE PARK																																			
SNOWFALL SN ON GND																																			
NATIONAL ARBORETUM DC																																			
SNOWFALL SN ON GND																																			
NORTHERN EASTERN SHORE 05																																			
CHESTERTOWN																																			
SNOWFALL SN ON GND																																			
NORTHERN CENTRAL ABERDEEN PHILLIPS FIEL 06																																			
SNOWFALL SN ON GND																																			
CATOCTIN MOUNTAIN PARK																																			
SNOWFALL SN ON GND																																			
DAMASCUS 2 SSW																																			
SNOWFALL SN ON GND																																			
EMMITSBURG 2 SE																																			
SNOWFALL SN ON GND																																			
FREDERICK POLICE BRKS																																			
SNOWFALL SN ON GND																																			
MILLERS 4 NE																																			
SNOWFALL SN ON GND																																			
ROCKVILLE 1 NE																																			
SNOWFALL SN ON GND																																			
WESTMINSTER POL BRKS																																			
SNOWFALL SN ON GND																																			
WOODSTOCK																																			
SNOWFALL SN ON GND																																			

SNOWFALL: INCLUDES SNOW AND ICE. VALUES FOR NWS STATIONS (J INDEX NOTE) ARE MID-MID (LST).
 SNOW ON GROUND: INCLUDES SNOW, SLEET, ICE AND HAIL. VALUES FOR NWS STATIONS (J INDEX NOTE) ARE OBSERVED AT 1200 UTC (GMT).
 WATER EQUIVALENT: GIVEN FOR NWS STATIONS (J INDEX NOTE) ONLY, WHEN SNOW DEPTH IS 2 INCHES OR MORE.
 SEE REFERENCE NOTES FOLLOWING STATION INDEX

SNOWFALL AND SNOW ON GROUND (INCHES)

MARYLAND AND
DELAWARE
MARCH 1995

STATION		DAY OF MONTH																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
APPALACHIAN MOUNTAIN	07																															
CUMBERLAND 2										3.0																						
									3																							
EDGE MONT										6.5																						
		-	-	-	-	-	-	-	-																							
FROSTBURG 2				.1	T	T				7.0	.2																					
		T		T	T					7	4	3	1	T	T																	
ALLEGHENY PLATEAU	08																															
MERRILL										4.0																						
										4	3																					
DAKLAND 1 SE			T	T					3.5	2.5																						
		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	T	T
SAVAGE RIVER DAM				T																												
				T						-	T																					
										2	1																					
DELAWARE																																
NORTHERN	01																															
WILMINGTON WSO ARPT				T	T																											
				T	T																											

SNOWFALL: INCLUDES SNOW AND ICE. VALUES FOR NWS STATIONS (J INDEX NOTE) ARE MID-MID (LST).
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 SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

MARYLAND AND
DELAWARE
MARCH 1995

STATION	INDEX NO.	DIVISION	COUNTY	LATITUDE	LONGITUDE	ELEVATION (IN FEET)	OBSERVATION TIME AND TABLES				OBSERVER	
							LOCAL STD TIME					
							TEMP	PRECIP	EVAP	SPECIAL (SEE NOTES)		
MARYLAND												
ABERDEEN PHILLIPS FIEL	001506		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 08W	10	07	07			H	NATIONAL PARK SERVICE
BALTIMORE WSO ARPT	046504		ANNE ARUNDEL	39 11	76 40W	148	MID	MID			C	NATL WEATHER SERVICE
BALTIMORE CITY #	047006	R	BALTIMORE CI	39 17	76 37W	14	MID	MID			C	NATIONAL WEATHER SERVICE
BELTSVILLE	070004		PRINCE GEORG	39 2	76 59W	120	08	08		OB	C	INACTIVE 04/01/94
BENSON POLICE BARRACKS	073206		HARFORD	39 30	76 39W	365	17	17			H	INACTIVE 03/01/95
CATOCTIN MOUNTAIN PARK	153006		FREDERICK	39 39	77 29W	1610	17	17			H	CATOCTIN MOUNTAIN PARK
CHESTERTOWN	175005		KENT	39 13	76 44W	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	UNIVERSITY OF MARYLAND
CONOWINGO DAM	200600		HARFORD	39 39	76 10W	40	MID	MID			H	SUSQUEHANNA ELECTRIC CO
CUMBERLAND 2	228207		ALLEGANY	39 38	78 45W	730	17	07			H	TIMOTHY B THOMAS
DALECARLIA RESERVOIR	232250		DIS COLUMBIA	38 56	77 7W	150	17	17			H	U S CORPS OF ENGINEERS
DAMASCUS 2 SW	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
EDGE MONT	277007		WASHINGTON	39 40	77 33W	905		07			H	JOHN W HARNE
EMMITSBURG 2 SE	290606		FREDERICK	39 41	77 18W	416	17	17			H	LUCILLE K BEALE
FREDERICK POLICE BRKS	394806		FREDERICK	39 25	77 26W	380	17	17			H	MARYLAND STATE POLICE
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	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	WA SUBURBAN SANITARY COM
MECHANICSVILLE 5 NE	586503		ST MARYS	38 27	76 41W	100	19	19			H	SANDRA J HASTINGS
MERRILL	589408		GARRETT	39 36	79 5W	1790		09			H	DELWOOD E MERRILL
MILLERS 4 NE	593406		CARROLL	39 43	76 48W	860	18	18			C	BOBBY 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			H	POTOMAC WATER FILT PLANT
PRINCESS ANNE	733001		SOMERSET	38 13	75 41W	220	17	17			H	UNIV OF MD EASTERN SHORE
ROCKVILLE 1 NE	770506		MONTGOMERY	39 6	77 6W	440	MID	17			H	WASHINGTON GAS & ELEC CO
ROYAL OAK 2 SSW	780602		TALBOT	38 43	76 11W	10	18	18			H	JOHN L SWAINE JR
SALISBURY	800000		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	800650		GARRETT	39 31	79 8W	1495	08	08		OB	C	US CORPS OF ENGINEERS
SNOW HILL 4 N	838001		WORCESTER	38 14	75 23W	30	17	17			H	CURTIS E SHOCKLEY
TOWSON	887706		BALTIMORE	39 23	76 34W	390	18	18			H	ENVIRONMENTAL TECH GROUP
UNIONVILLE	903006		FREDERICK	39 27	77 11W	430	17	17			C	ROBERT YOUNG
UPPER MARLBORO 3 NNW	907004		PRINCE GEORG	38 52	76 47W	100	08	08		OB	H	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
DELAWARE												
DOVER	273002		KENT	39 9	75 31W	30	17	17			H	STATE HIGHWAY DEPT
GEORGETOWN 5 SW	357002		SUSSEX	38 38	75 27W	45	08	08		OB	C	UNIV OF DEL SUBSTATION
GREENWOOD 2 NE	359502		SUSSEX	38 50	75 35W	45	18	18			H	DANIEL M SWARTZENTRUBER
LEWES	392002		SUSSEX	38 46	75 8W	15	17	17			H	BOARD OF PUBLIC WORKS
NEWARK UNIVERSITY FARM	641001		NEW CASTLE	39 40	75 44W	90	17	17		17	C	UNIV OF DEL AGRIC FARM
WILMINGTON WSO ARPT	959501	R	NEW CASTLE	39 40	75 36W	74	MID	MID			C	NATIONAL WEATHER SERVICE

SEE REFERENCE NOTES FOLLOWING STATION INDEX
12

STATION INDEX

MARYLAND AND
DELAWARE
MARCH 1995

STATION	INDEX NO.	DIVISION	COUNTY	LATITUDE	LONGITUDE	ELEVATION (IN FEET)	OBSERVATION TIME AND TABLES				OBSERVER
							LOCAL		STD TIME		
							TEMP	PRECIP	EVAP	SPECIAL (SEE NOTES)	
WILMINGTON PORTER RSVR	960501		NEW CASTLE	39 46	75 32W	270	MID	MID		H	PUBLIC WORKS

SEE REFERENCE NOTES FOLLOWING STATION INDEX
13

REFERENCE NOTES

MARYLAND AND
DELAWARE
MARCH 1995

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

IDAILY 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

USCOMH-NOAA-ASHEVILLE, N.C. MARCH 1995-0425

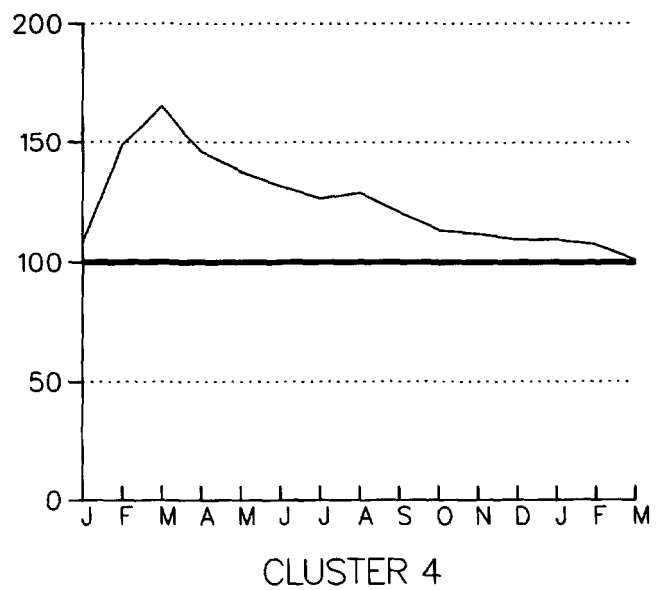
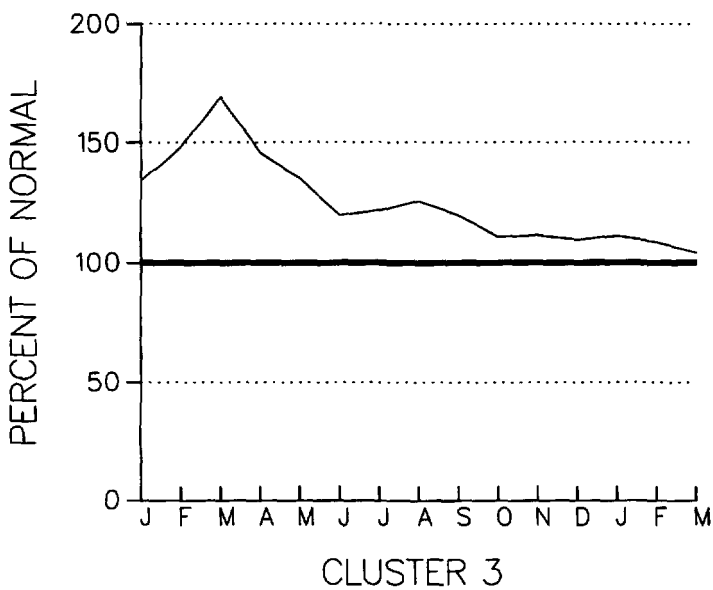
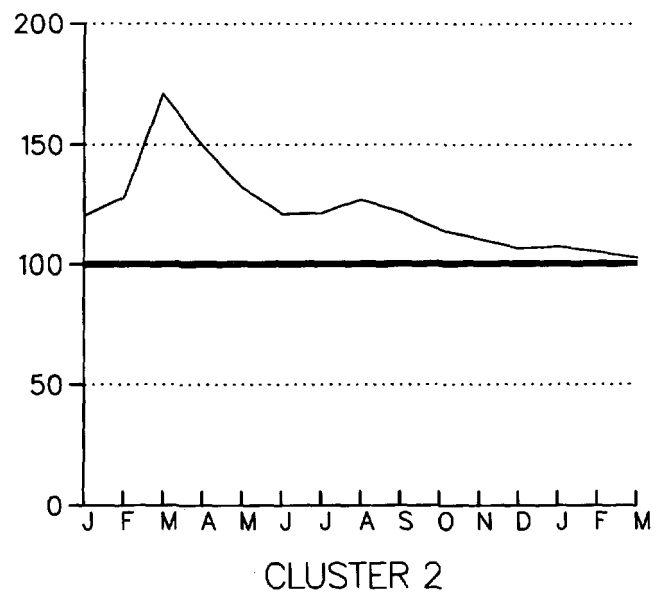
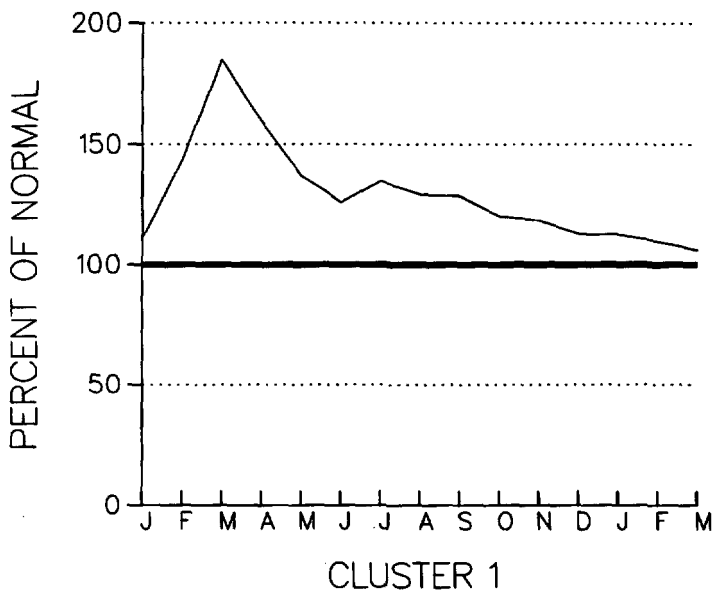
**CUMULATIVE PRECIPITATION DEPARTURES FROM NORMAL (1961-1990)
FOR THE LAST 15 MONTHS
ENDING MARCH 1995
MARYLAND**

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

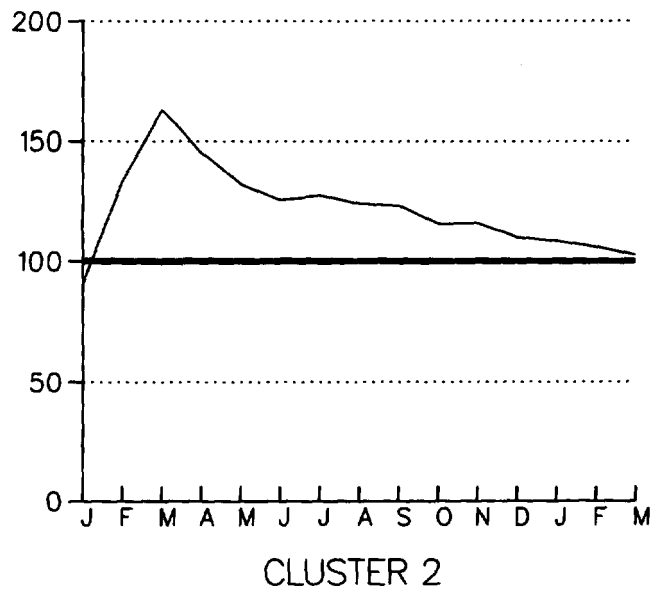
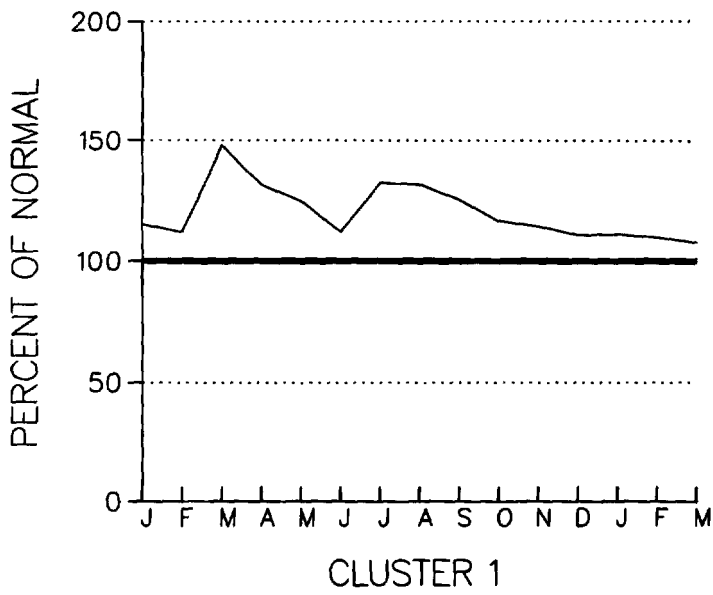
CLUSTER 4 -DIVISION(S):
ALLEGHENY PLATEAU 08



CUMULATIVE PRECIPITATION DEPARTURES FROM NORMAL (1961-1990)
FOR THE LAST 15 MONTHS
ENDING MARCH 1995
DELAWARE

CLUSTER 1 -DIVISION(S):
 NORTHERN 01

CLUSTER 2 -DIVISION(S):
 SOUTHERN 02



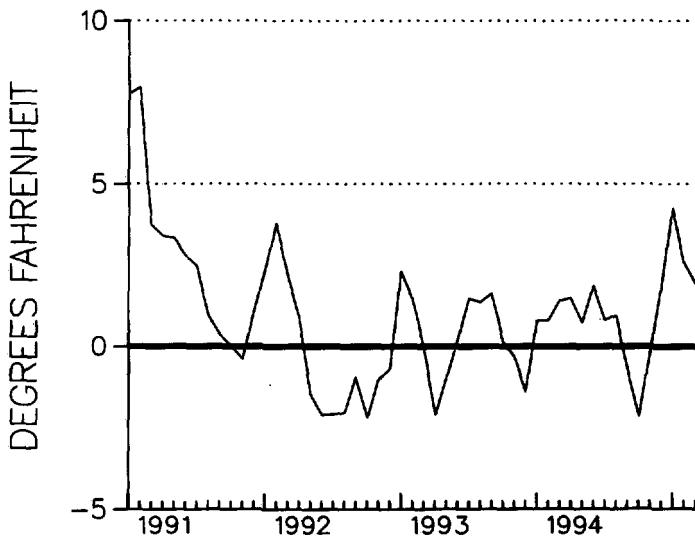
**TEMPERATURE DEPARTURES FROM NORMAL (1961-1990)
THREE MONTH RUNNING MEAN
FOR THE 51 MONTHS ENDING WITH MARCH 1995 DATA
MARYLAND**

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

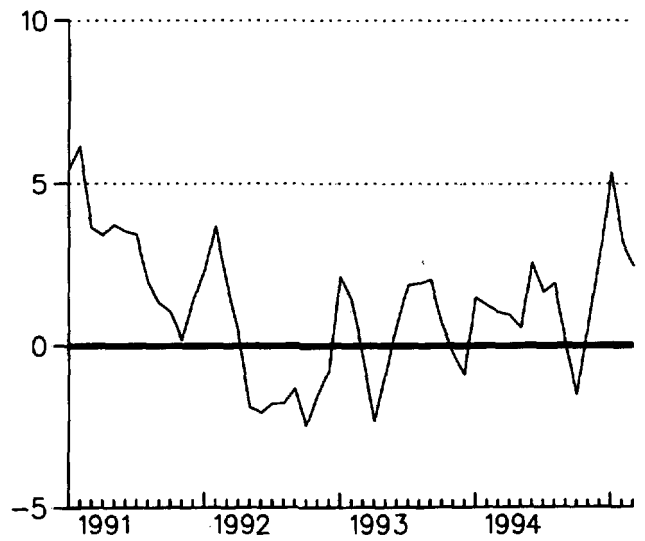
CLUSTER 2 -DIVISION(S):
UPPER SOUTHERN 04
NORTHERN EASTERN SHORE 05

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

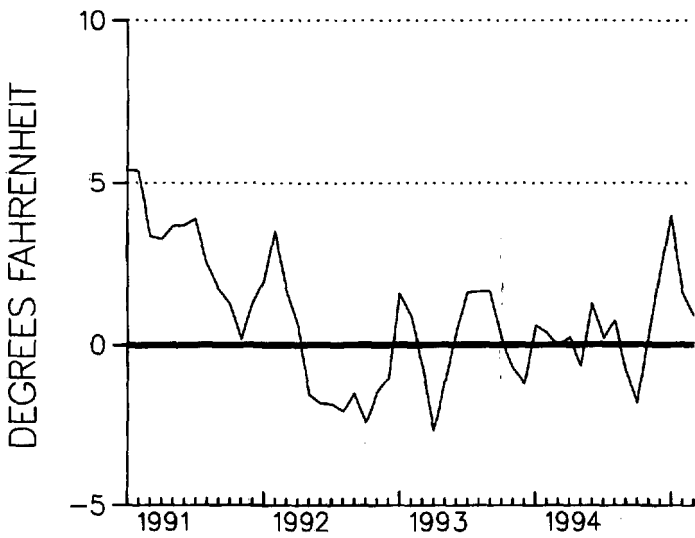
CLUSTER 4 -DIVISION(S):
ALLEGHENY PLATEAU 08



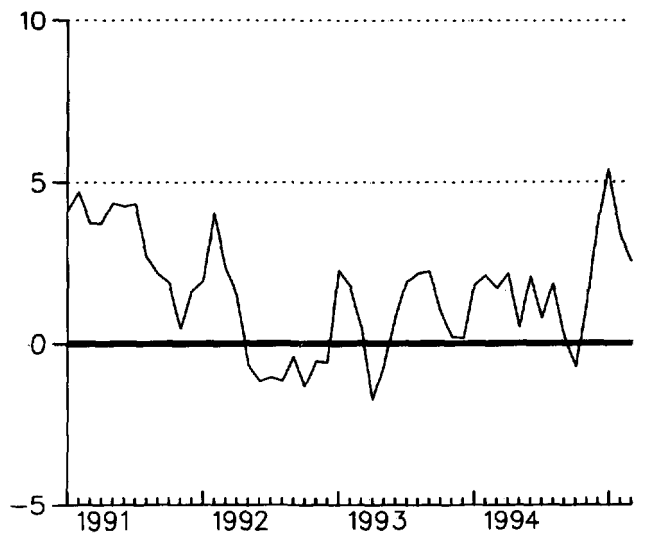
CLUSTER 1



CLUSTER 2



CLUSTER 3

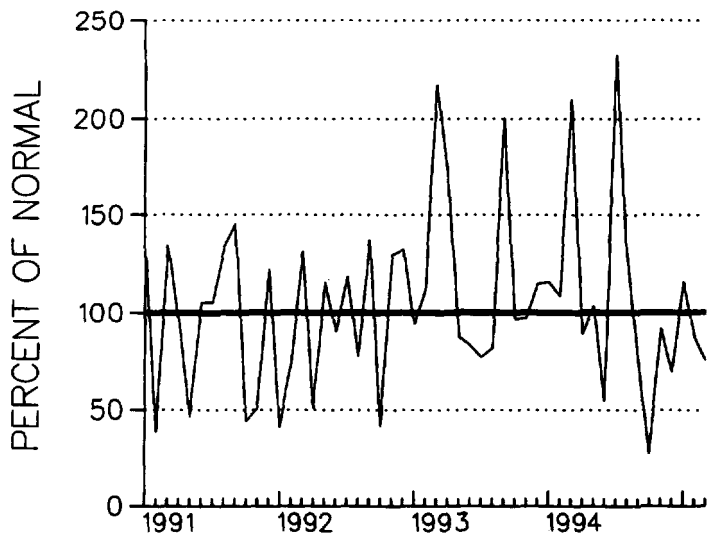


CLUSTER 4

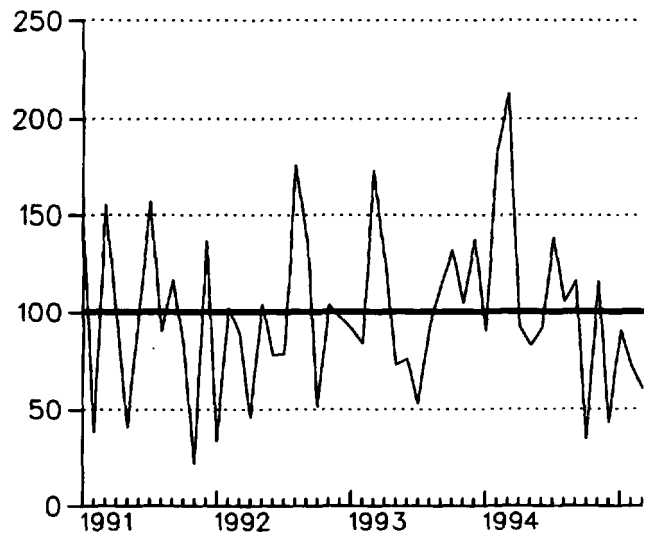
PRECIPITATION DEPARTURES FROM NORMAL (1961-1990)
FOR THE 51 MONTHS
ENDING MARCH 1995
DELAWARE

CLUSTER 1 -DIVISION(S):
NORTHERN 01

CLUSTER 2 -DIVISION(S):
SOUTHERN 02



CLUSTER 1



CLUSTER 2

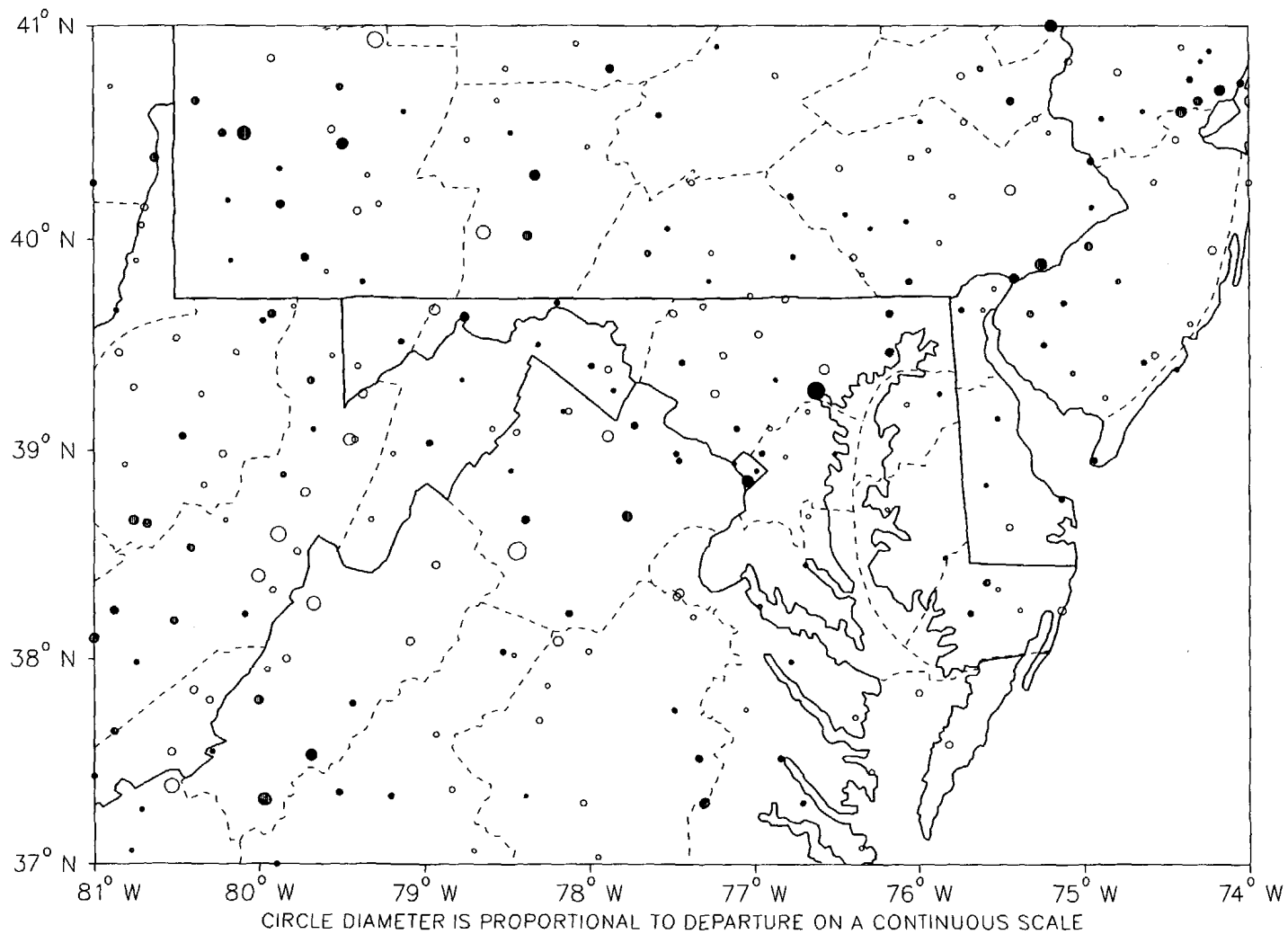
MEAN MONTHLY TEMPERATURE DEPARTURES FROM
THE DIVISIONAL AVERAGE FOR
MARCH 1995
MARYLAND & DELAWARE

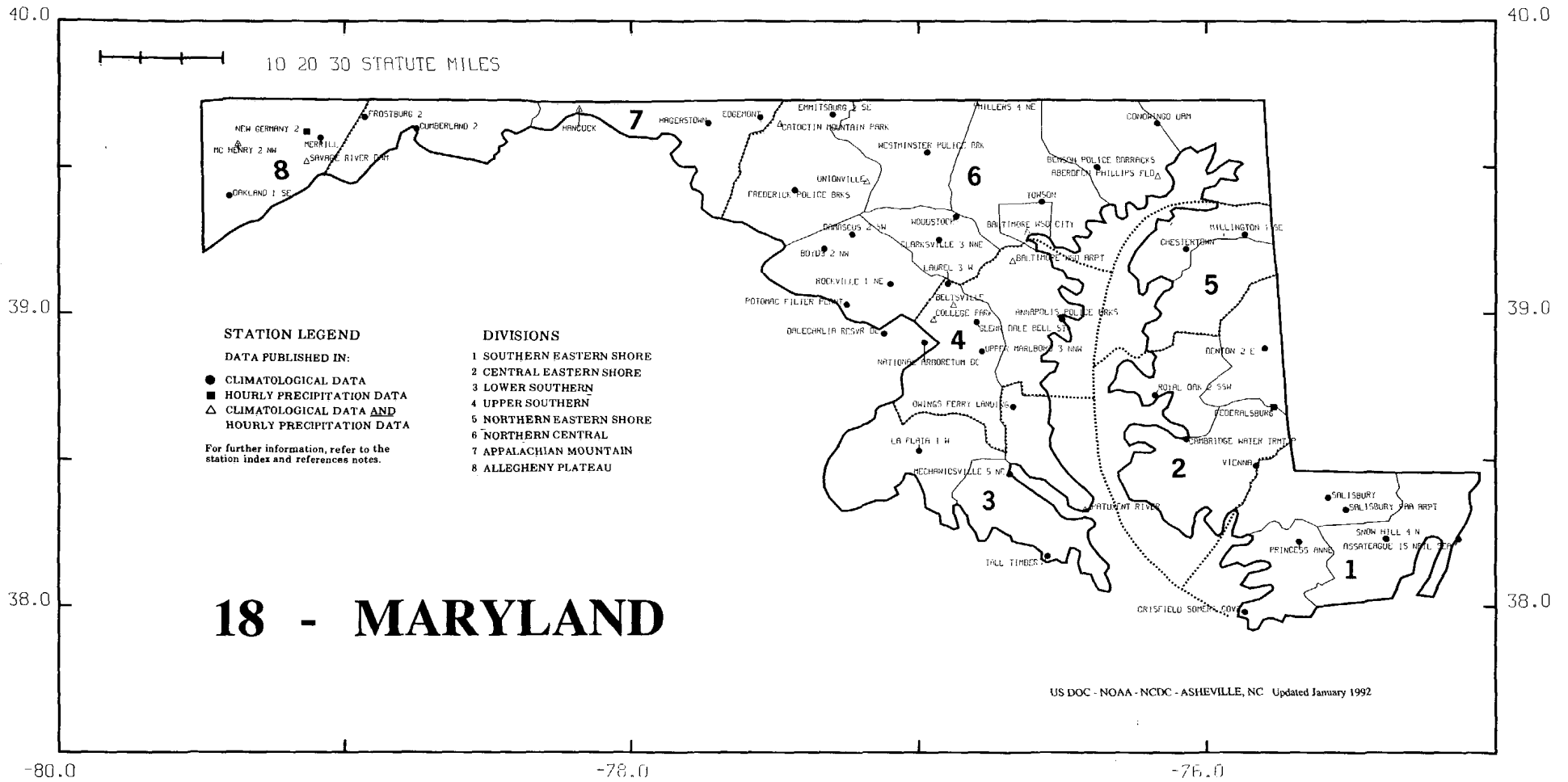
M INCOMPLETE DATA FOR THE THE MONTH

▽ ZERO DEPARTURE

○ ○ ○ 4.8...12 OR MORE DEGREES BELOW AVERAGE

● ● ● 4.8...12 OR MORE DEGREES ABOVE AVERAGE





40.0 40.0

10 20 30 STATUTE MILES

07 - DELAWARE

NEHRK UNIVERSITY FARM

WILMINGTON HSO RPT

WILMINGTON PORTER RESR

1

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

DOVER

2

MILFORD 4 SE

GREENWOOD 2 NE

LEWES

GEORGETOWN 5 SW

39.0 39.0

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

38.0 38.0

-76.0 -75.5 -75.0

MONTHLY PRECIPITATION TOTALS

ANNUAL 1987
NORTH CAROLINA

STATION	ANNUAL	MONTH												
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
NORTH CAROLINA														
ASHEVILLE WSO AP	34.57	1.11	1.85	2.75	0.57	3.55						4.19	5.28	4.28
ASHEVILLE	25.67	0.77	1.57	1.61	0.53	2.75						2.77	4.15	2.94
ASHFORD	36.74E	1.20	2.70	2.50	0.54E							3.80	4.90	4.90
BADIN	-	1.70	1.30	3.60	1.24E							2.40	4.10	2.90
B EVERETT JORDAN DAM	-	1.70	1.50	3.60								1.70		
BOOMER 5 WSW	-	1.00	2.10											
BURLINGTON 3 NWE	-	0.80	1.92E											
CAPE HATTERAS WSO	46.65	5.75	1.24E											
CARTHAGE 8 SE	-	1.70												
CATALDOCHEE	-	0.60												
CHARLOTTE WSO AP	26.91													
CLINTON 2 NE	35													
DALTON														
DOBSON														
EDEN														
ELIZABETH														
ELLIS														
FAVE														
FRANK														
GREENSBORO														
GREENVILLE														
HELFON														
HOBOKEN														
LAKE LURE														
LAURINBURG														
LEXINGTON														
MOORESVILLE 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														
SUMNER 2 SSE														
WILMINGTON WSO AP														
WILSON 3 SW														
YADKINVILLE 6 E	29													

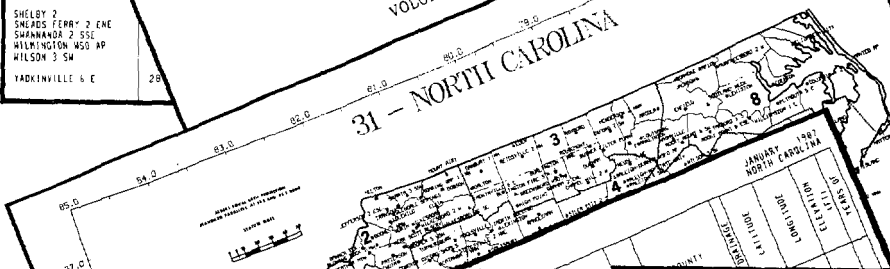
ISSN 0364-8319

HOURLY PRECIPITATION DATA NORTH CAROLINA

DECEMBER 1987
WITH ANNUAL SUPPLEMENT
VOLUME 37 NUMBER 12

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- * Energy



31 - NORTH CAROLINA

STATION INDEX

STATION	COUNTY	INDEX NO.	STATION
NORTH CAROLINA			
ASHEVILLE WSO AP	ASHE	0100	
ASHEVILLE	ASHE	0101	
ASHFORD	ASHE	0102	
BADIN	ASHE	0103	
B EVERETT JORDAN DAM	ASHE	0104	

MONTHLY PRECIPITATION PERIODS OF MAXIMA FOR MEASUREMENT PERIODS OF HOURS

STATION	15 MINUTES	30 MINUTES	45 MINUTES	1 HOUR	2 HOURS	3 HOURS	6 HOURS
NORTH CAROLINA							
ASHEVILLE WSO AP	10 19/1500	10 19/1500	10 19/1500	10 19/1500	10 19/1500	10 19/1500	10 19/1500
ASHEVILLE	20 01/1205	20 01/1205	20 01/1205	20 01/1205	20 01/1205	20 01/1205	20 01/1205
ASHFORD	10 19/1500	10 19/1500	10 19/1500	10 19/1500	10 19/1500	10 19/1500	10 19/1500
BADIN	10 19/1500	10 19/1500	10 19/1500	10 19/1500	10 19/1500	10 19/1500	10 19/1500
B EVERETT JORDAN DAM	20 01/1205	20 01/1205	20 01/1205	20 01/1205	20 01/1205	20 01/1205	20 01/1205

HOURLY PRECIPITATION

STATION	DATE	A.M. HOUR ENDING																								
		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
NORTH CAROLINA																										
ASHEVILLE WSO AP		.01	.01	.02	.01	.02	.01	.02	.01	.02	.01	.02	.01	.02	.01	.02	.01	.02	.01	.02	.01	.02	.01	.02	.01	.02
ASHEVILLE		.01	.01	.02	.01	.02	.01	.02	.01	.02	.01	.02	.01	.02	.01	.02	.01	.02	.01	.02	.01	.02	.01	.02	.01	.02
ASHFORD		.01	.01	.02	.01	.02	.01	.02	.01	.02	.01	.02	.01	.02	.01	.02	.01	.02	.01	.02	.01	.02	.01	.02	.01	.02
BADIN		.01	.01	.02	.01	.02	.01	.02	.01	.02	.01	.02	.01	.02	.01	.02	.01	.02	.01	.02	.01	.02	.01	.02	.01	.02
B EVERETT JORDAN DAM		.01	.01	.02	.01	.02	.01	.02	.01	.02	.01	.02	.01	.02	.01	.02	.01	.02	.01	.02	.01	.02	.01	.02	.01	.02

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.

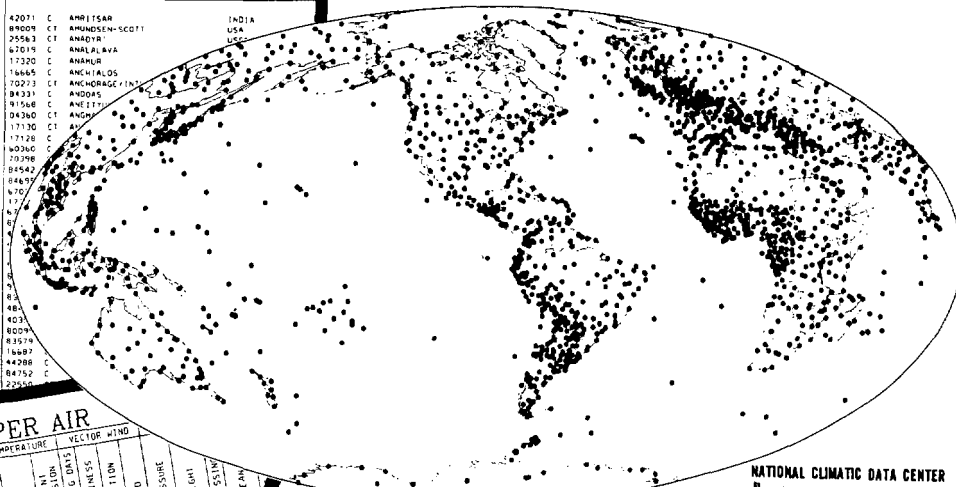


NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL ENVIRONMENTAL SATELLITE, DATA AND INFORMATION SERVICE
NATIONAL CLIMATIC DATA CENTER
ASHEVILLE, NORTH CAROLINA

CLIMATIC DATA STATIONS - WORLDWIDE

STATION LIST WMO PUB 9 VOL A

41248 C	ISQAFI RAJIS	QMAN	42071 C	AMHILSAR	INDIA
40631 C	ABADAN	IRAN, ISLAMIC REP	89009 CI	AMUNDEN-SCOTT	USA
47425 C	ABASHIRI	JAPAN	25583 CI	ANADYR	USA
71108 C	ABBOTSFORD, B C	CANADA	67015 C	ANAKLAJAYA	INDONESIA
64758 C	ABECHE	CHAD	17320 C	ANAKUR	INDONESIA
03051 C	ABERDEEN/DICE	U KINGDOM	16465 C	ANCHALLOS	ETHIOPIA
41112 C	ABHA	Saudi Arabia	70273 CI	ANCHORAGE/FIN	USA
65578 CI	ABIDJAN	IVORY COAST	84331 CI	ANDAPAS	INDONESIA
72268 C	ABILENE, TX	USA	91548 C	ANETT	INDONESIA
41216 C	ABU DHABI BAICEN AIRPORT	U ARAB EMIRATES	04380 CI	ANGARA	INDONESIA
41211 CI	ABU DHABI INTL AIRPORT	U ARAB EMIRATES	17130 CI	ANGARA	INDONESIA
82640 C	ABU MANDI	SUDAN	17128 C	ANGARA	INDONESIA
82750 C	ABU HA ANA	SUDAN	10306 C	ANGARA	INDONESIA
78650 C	ACAJUTLA	MEXICO	70786 C	ANGARA	INDONESIA
78805 C	ACAPULCO, GRO	MEXICO	85442 C	ANGARA	INDONESIA
80822 C	ACARIGUS	VENEZUELA	88429 C	ANGARA	INDONESIA
17352 C	ADANA	TURKEY	17128 C	ANGARA	INDONESIA
83450 CI	ADDIS ABABA	ETHIOPIA	17128 C	ANGARA	INDONESIA
78452 CI	ADRIANO PARRON	AUSTRIA	17128 C	ANGARA	INDONESIA
61467 C	ADEN AHOMASAR	YEMEN	17128 C	ANGARA	INDONESIA
65886 C	ADIRAKI	COTE D'IVOIRE	17128 C	ANGARA	INDONESIA
80820 C	ADIRAKI	COTE D'IVOIRE	17128 C	ANGARA	INDONESIA
76479 CI	AEDIP INTL MEXICO, D F	MEXICO	17128 C	ANGARA	INDONESIA
76444 CI	AEDIP INTL MERIDA, YUC	MEXICO	17128 C	ANGARA	INDONESIA
74374 T	AEDIP INTL MONTERRIE, V L	MEXICO	17128 C	ANGARA	INDONESIA
87582 C	AEROPARQUE	ARGENTINA	17128 C	ANGARA	INDONESIA
17190 C	AFFON	TURKEY	17128 C	ANGARA	INDONESIA
81024 C	AGADEZ	ALGERIA	17128 C	ANGARA	INDONESIA
80750 C	AGADIR	MOROCCO	17128 C	ANGARA	INDONESIA
81974 C	AGALEGA	MAURITIUS	17128 C	ANGARA	INDONESIA
82281 C	AGRA	INDIA	17128 C	ANGARA	INDONESIA
10672 C	AGRIKONIA AIRPORT	GREECE	17128 C	ANGARA	INDONESIA
42647 CI	AHABAD	INDIA	17128 C	ANGARA	INDONESIA
80860 C	AIN SEFFA	ALGERIA	17128 C	ANGARA	INDONESIA
61498 C	AIDOUN EL ATROUS	ALGERIA	17128 C	ANGARA	INDONESIA
03761 CI	AJACCIO	CORSE	17128 C	ANGARA	INDONESIA
31168 C	AJMER	INDIA	17128 C	ANGARA	INDONESIA
17184 C	AKHILSAR	INDIA	17128 C	ANGARA	INDONESIA
45982 CI	AKHILSAR	INDIA	17128 C	ANGARA	INDONESIA
81473					



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UPPER AIR

STATION	LEVEL	TEMPERATURE		VECTOR WIND		LEVEL	TEMPERATURE		VECTOR WIND	
		TEMPERATURE	DEW POINT	SPEED	DIRECTION		TEMPERATURE	DEW POINT	SPEED	DIRECTION
ASIA - JAPAN	3000	0300	23.0	0.0	090	2000	05.0	0.0	090	120
ASIA - JAPAN	1500	05.0	10.0	0.0	090	1000	12.0	0.0	090	120
ASIA - JAPAN	500	15.0	10.0	0.0	090	500	18.0	0.0	090	120

SURFACE

STATION	LATITUDE	LONGITUDE	ELEVATION	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION		SUN-DAYS
				MEAN	SEA LEVEL	MEAN	DEPARTURE	MEAN	DEPARTURE	TOTAL	DEPARTURE	
EUROPE - NORWAY	60	15	1000	1000.0	1000.0	0.0	0.0	10.0	0.0	0.0	0.0	163
EUROPE - NORWAY	60	15	1000	1000.0	1000.0	0.0	0.0	10.0	0.0	0.0	0.0	163
EUROPE - NORWAY	60	15	1000	1000.0	1000.0	0.0	0.0	10.0	0.0	0.0	0.0	163

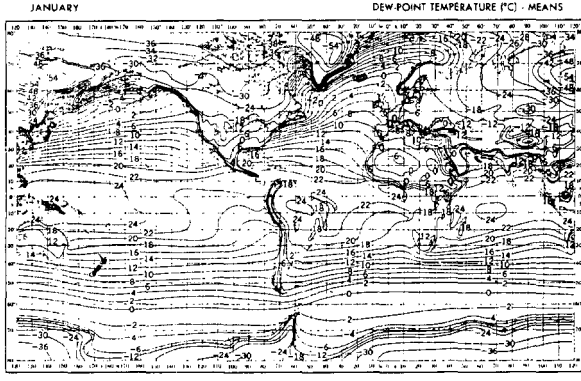
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PREPARED IN COOPERATION WITH THE WORLD METEOROLOGICAL ORGANIZATION



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.

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

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