



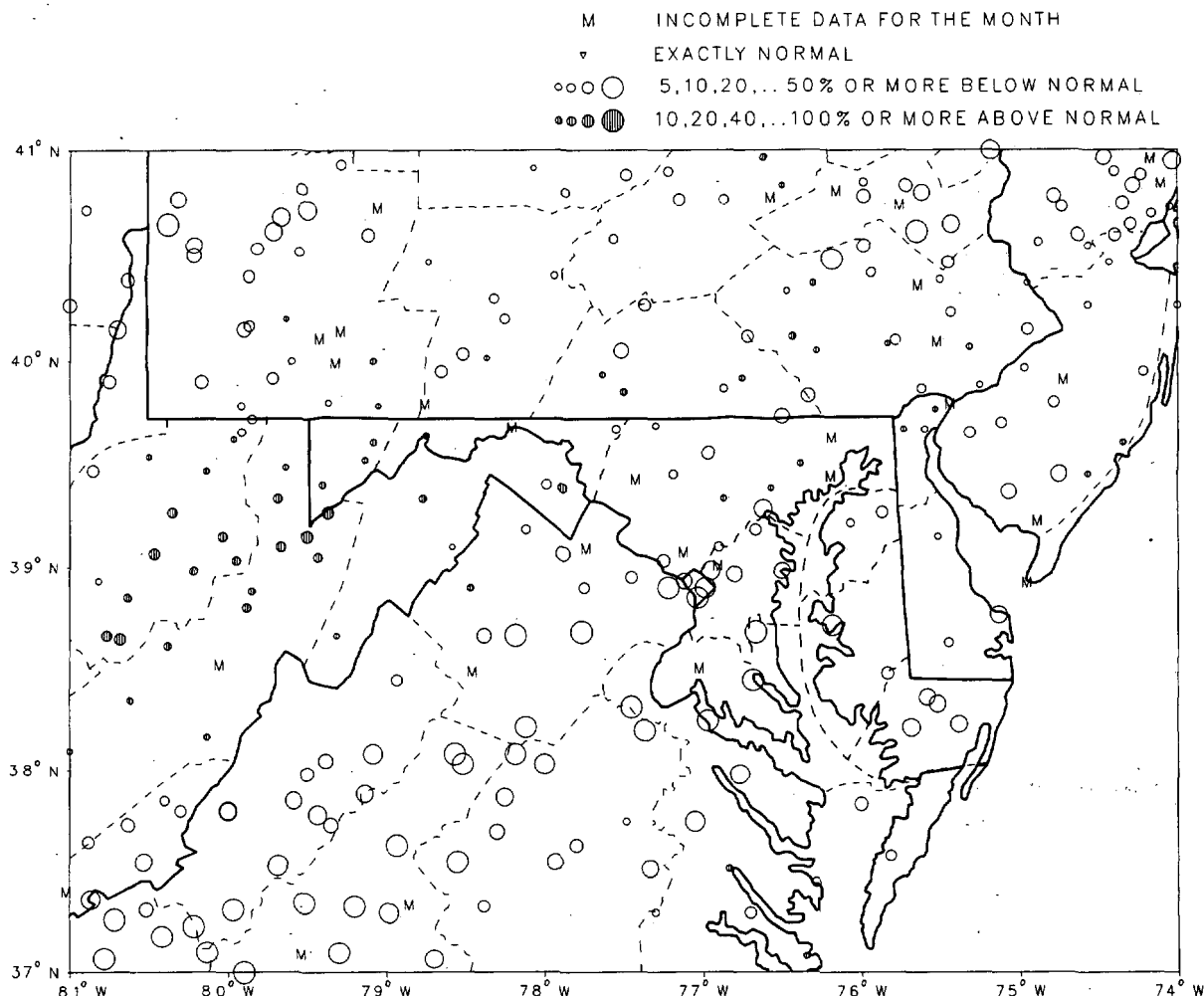
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CLIMATOLOGICAL DATA MARYLAND AND DELAWARE

MAY 1994

VOLUME 98 NUMBER 5

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



CIRCLE DIAMETER IS PROPORTIONAL TO DEPARTURE ON A CONTINUOUS SCALE

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Kenneth D. Halpern

DIRECTOR, NATIONAL CLIMATIC DATA CENTER

noaa

NATIONAL
OCEANIC AND
ATMOSPHERIC ADMINISTRATION

NATIONAL
ENVIRONMENTAL SATELLITE, DATA
AND INFORMATION SERVICE

NATIONAL
CLIMATIC DATA CENTER
ASHEVILLE NORTH CAROLINA

TEMPERATURE AND PRECIPITATION EXTREMES

MARYLAND AND
DELAWARE
MAY 1994

MARYLAND
HIGHEST TEMPERATURE 93
LOWEST TEMPERATURE 29
GREATEST TOTAL PRECIPITATION 5.57
LEAST TOTAL PRECIPITATION 1.55
GREATEST 1 DAY PRECIPITATION 1.50

DELAWARE
HIGHEST TEMPERATURE 89
LOWEST TEMPERATURE 35
GREATEST TOTAL PRECIPITATION 4.48
LEAST TOTAL PRECIPITATION 2.39
GREATEST 1 DAY PRECIPITATION 1.30

MAY 24+
MAY 14

MAY 8

MAY 23
MAY 14

MAY 26

2 STATIONS
2 STATIONS
OAKLAND 1 SE
MECHANICSVILLE 5 NE
MERRILL

WILMINGTON WSO ARPT R
NEWARK UNIVERSITY FARM
WILMINGTON PORTER RSVR
LEWES
NEWARK UNIVERSITY FARM

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

MARYLAND AND
DELAWARE
MAY 1994

STATION	TEMPERATURE (°F)													PRECIPITATION (IN)										
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	HEATING DEGREE DAYS	COOLING DEGREE DAYS	NO. OF DAYS				TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	SNOW, SLEET			NO. OF DAYS		
											90 OR ABOVE	32 OR BELOW	32 OR BELOW	0 OR BELOW					TOTAL	MAX. DEPTH ON GROUND	DATE	1.0 OR MORE	.50 OR MORE	1.00 OR MORE
MARYLAND																								
SOUTHERN EASTERN SHORE 01																								
ASSATEAGUE IS NATL SEA	65.7	53.3	59.5		80.2	24	44	2	175	11	0	0	0	0	1.96		.53	18	.0	0		6	1	0
PRINCESS ANNE	73.4	46.0	59.7	-4.0	88.2	24	33	29	190	34	0	0	0	0	2.03	-1.32	.62	1	.0	0		8	1	0
SALISBURY	73.2	51.3	62.3	-2.4	89.2	23	41	14	136	58	0	0	0	0	2.33	-1.17	.41	27	.0	0		8	0	0
SALISBURY FAA ARPT	72.1	48.0	60.1	-3.1	90.2	23	37	14	183	58	0	0	0	0	2.39	-1.25	.62	1	.0	0		8	1	0
SNOW HILL 4 N	74.5	49.4	62.0	-1.5	89.2	23	37	14	148	59	0	0	0	0	2.24	-1.28	.44	27	.0	0		7	0	0
--DIVISIONAL DATA----->			60.7	-3.0											2.19	-1.27			.0					
CENTRAL EASTERN SHORE 02																								
ROYAL OAK 2 SSW	72.4	52.8	62.6	-2.3	88.2	23	40	21	131	63	0	0	0	0	2.29	-1.94	.57	5	.0	0		8	1	0
VIENNA	74.6	49.8	62.2	-3.0	90.2	25	39	3	133	54	3	0	0	0	2.76	-.75	.68	4	.0	0		6	3	0
--DIVISIONAL DATA----->			62.4	-2.3											2.53	-1.42			.0					
LOWER SOUTHERN 03																								
MECHANICSVILLE 5 NE	72.1	49.0	60.6	-3.3	88.2	23	36	3	178	49	0	0	0	0	1.55	-2.57	.33	4	.0	0		6	0	0
OWINGS FERRY LANDING	73.6	48.6	61.1	-3.3	89.2	23	37	3	167	56	0	0	0	0	1.78	-2.47	.42	8	.0	0		8	0	0
--DIVISIONAL DATA----->			60.9	-3.5											1.67	-2.41			.0					
UPPER SOUTHERN 04																								
ANNAPOLIS POLICE BRKS	75.2	51.3	63.3	-1.3	92.2	24	40	2	117	65	3	0	0	0	2.73	-1.33	.55	25	.0	0		9	2	0
BALTIMORE WSO ARPT	72.4	48.8	60.6	-2.8	90.2	23	40	14	180	49	1	0	0	0	3.02	-.70	1.02	15	.0	0		6	3	1
COLLEGE PARK	74.1	50.8	62.5	-1.7	91.2	24	39	14	150	80	2	0	0	0	2.55	-1.80	.87	8	.0	0		6	2	0
DALECARLIA RESERVOIR	75.4	46.5	61.0	-3.8	90.2	24	37	18	166	45	1	0	0	0	2.87	-1.32	.61	25	.0	0		8	2	0
GLENN DALE BELL STN	76.3	46.3	61.3	-1.9	93.2	24	34	2	154	48	3	0	0	0	3.02	-1.44	.80	8	.0	0		8	2	0
LAUREL 3 W	72.9	50.2	61.6	-2.2	90.2	23	41	2	154	53	1	0	0	0	3.99	-.54	1.10	25	.0	0		7	4	1
NATIONAL ARBORETUM DC	73.5	48.7	61.1	-2.9	91.2	24	39	14	164	52	1	0	0	0	2.25	-1.92			.0	0		5	1	0
--DIVISIONAL DATA----->			61.6	-2.1											2.92	-1.30			.0					
NORTHERN EASTERN SHORE 05																								
CHESTERTOWN	72.7	48.1	60.4	-3.2	90.2	23	38	21	180	43	1	0	0	0	3.68	-.35			.0	0		5	1	0
MILLINGTON 1 SE	M	M	M	M	80.1	16	37	14		0	0	0	0	0	3.25	-.77	.62	4	.0	0		7	1	0
--DIVISIONAL DATA----->			60.4	-3.1											3.47	-.54			.0					
NORTHERN CENTRAL 06																								
ABERDEEN PHILLIPS FIEL	72.5	50.5	61.5	-2.1	89.2	24	39	21	142	60	0	0	0	0	3.80				.0	0		7	2	0
BALTIMORE CITY	73.3	52.3	62.8	-4.0	93.2	23	44	13	140	79	2	0	0	0	2.45	-1.60	.66	4	.0	0		7	2	0
BENSON POLICE BARRACKS	75.2	50.4	62.8	-.3	92.2	23	41	21	127	66	2	0	0	0	5.15	.49	1.25	26	.0	0		11	5	1
CATOCTIN MOUNTAIN PARK	68.1	47.5	57.8		83.2	23	36	3	245	29	0	0	0	0	4.68		.93	26	.0	0		8	4	0
CONOWINGO DAM		M	M	M															.0	0				
DAMASCUS 2 SSW	68.6	44.6	56.6		86.2	23	33	14	271	18	0	0	0	0	4.00		1.25	7	.0	0		7	4	1
EMMITSBURG 2 SE	67.7	43.3	55.5	-5.9	84.2	23	31	14	291	6	0	0	1	0	4.18	-.17	1.00	8	.0	0		10	3	1
FREDERICK POLICE BRKS	74.5	50.0	62.3		91.2	24	40	14	149	69	2	0	0	0	3.93		1.10	8	.0	0		9	3	1
FREDERICK GAS PLANT		M	M	M															.0	0				
MILLERS 4 NE	68.8	46.8	57.8		86.2	23	36	14	241	24	0	0	0	0	3.75		1.02	25	.0	0		8	2	2
ROCKVILLE 1 NE	71.0	48.1	59.6	-2.4	87.2	23	39	21	199	40	0	0	0	0	3.26		1.13	24	.0	0		5	3	1
TOWSON	74.4	47.2	60.8	-2.8	90.2	23	37	29	167	41	1	0	0	0	5.35	-.31	1.00	25	.0	0		9	5	1
UNIONVILLE	72.8	42.1	57.5	-2.3	91.2	23	29	14	249	22	1	0	6	0	3.65	-.42	.82	26	.0	0		8	3	0
WESTMINSTER POL BRKS	73.2	48.8	61.0	-.9	89.2	24	39	13	163	48	0	0	0	0	3.31	-.96	1.20	8	.0	0		7	2	1
WOODSTOCK	73.4	46.7	60.1	-2.6	90.2	23	36	14	186	40	1	0	0	0	4.84	-.37	1.06	8	.0	0		10	4	3

SEE REFERENCE NOTES FOLLOWING STATION INDEX

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

MARYLAND AND
DELAWARE
MAY 1994

STATION		TEMPERATURE (°F)													PRECIPITATION (IN)												
		AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	HEATING DEGREE DAYS	COOLING DEGREE DAYS	NO. OF DAYS				TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	SNOW, SLEET			NO. OF DAYS				
												90 OR ABOVE	32 OR BELOW	32 OR BELOW	0 OR BELOW					TOTAL	MAX. DEPTH ON GROUND	DATE	1.0 OR MORE	.50 OR MORE	1.00 OR MORE		
																										MAX	MIN
--DIVISIONAL DATA----->				59.7	-2.9										4.12	-.25			.0								
APPALACHIAN MOUNTAIN 07																											
CUMBERLAND 2		71.9	45.3	58.6	-4.5	88	23	36	13+	229	36	0	0	0	0	4.10	.44	1.35	1	.0	0		7	2	2		
FROSTBURG 2		62.1	41.6	51.9		79	24	34	3	401	1	0	0	0	0	5.03		1.35	8	.0	0		10	4	1		
HANCOCK		70.8	43.0	56.9	-3.3	87	23	32	2	270	26	0	0	1	0	2.22		.97	8	.0	0		7	1	0		
--DIVISIONAL DATA----->				55.8	-5.4										4.57	.64			.0								
ALLEGHENY PLATEAU 08																											
OAKLAND 1 SE		63.9	40.3	52.1	-4.2	79	24+	29	14+	393	2	0	0	5	0	5.57	.86	1.45	8	.0	0		10	4	1		
SAVAGE RIVER DAM		66.1	41.3	53.7	-3.9	84	25	32	14+	347	3	0	0	2	0	4.25	.32	1.37	8	.0	0		9	3	1		
--DIVISIONAL DATA----->				52.9	-3.7										4.91	.54			.0								
DELAWARE																											
NORTHERN 01																											
NEWARK UNIVERSITY FARM		73.2	47.4	60.3	-2.8	88	24+	35	14	179	42	0	0	0	0	4.41	-.26	1.30	26	.0	0		10	3	1		
WILMINGTON WSO ARPT		71.4	48.5	60.0	-2.5	89	23	38	14	189	41	0	0	0	0	3.69	-.15	.89	26	.0	0		10	2	0		
WILMINGTON PORTER RSVR		69.7	50.1	59.9	-2.0	88	23	42	14+	186	40	0	0	0	0	4.48	-.15	.88	7	.0	0		10	3	0		
--DIVISIONAL DATA----->				60.1	-2.5										4.19	.14			.0								
SOUTHERN 02																											
DOVER		72.5	48.3	60.4	-3.8	86	24+	40	22+	175	40	0	0	0	0	3.85	-.14	.96	5	.0	0		11	3	0		
GEORGETOWN 5 SW		71.5	48.7	60.1	-2.2	88	24	39	11	186	42	0	0	0	0	3.24	-.41	1.04	5	.0	0		9	1	1		
GREENWOOD 2 NE		71.7	47.8	59.8		88	23	36	14	188	30	0	0	0	0	3.41		.57	4	.0	0		10	1	0		
LEWES		72.5	50.3	61.4	-1.5	87	24	42	14+	148	43	0	0	0	0	2.39	-1.37	.61	4	.0	0		9	1	0		
--DIVISIONAL DATA----->				60.4	-2.9										3.22	-.66			.0								

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION (INCHES)

MARYLAND AND
DELAWARE
MAY 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	1.96	.36		.16				.13								.04		.53	.01							.48	.23	.02				
PRINCESS ANNE	2.03	.62	.05	.11	.25					.13		.04				.13		.11	.11						.05	.16	.38					
SALISBURY	2.33	.15	.33	.35	.20		.03	T		.05		.09				.11	T	T	.18	.01					.09	.33	.41					
SALISBURY FAA ARPT	2.39	.62		.32	.04	.01	T	.08				.11			T	.10		.21	.04	.02					.44	.12	.28					
SNOW HILL 4 N	2.24	.24	.19	.10	.10	T	T	.09		T		.09				.09	.01	.02	.44	.03						.41	.44					
CENTRAL EASTERN																																
SHORE 02																																
ROYAL OAK 2 SSW	2.29	.11		.39	.57	.03	.11	.43				.03				.19		.17	.01						.02	.21	.02					
VIENNA	2.76		.52	.68	.45	.02	.05	.10				.06		.02	*	.12		.14							.03	.07	.50					
LOWER SOUTHERN 03																																
MECHANICSVILLE 5 NE	1.55	.05		.33	.16	.04	.09	.29		T		.11				.26	T		T	.11	.01				.08	.02						
OWINGS FERRY LANDING	1.78	.07		.32	.17	.02	.15	.42				.15				.10				.18						.20						
UPPER SOUTHERN 04																																
ANNAPOLIS POLICE BRKS	2.73	.05		.53	.20		.35	.35				.10				.25		.02	.16						.55	.17						
BALTIMORE WSO ARPT.	R 3.02	.02		.01	.70	.01	T	.55	.16			.06			1.02	.03		T	.07	.05				.20	.13	.01						
COLLEGE PARK	2.55	.09	.02	.06	.52	T		.87				.10				.20				.05	.01				.26	.36	.01					
DALECARLIA RESERVOIR	2.87	.05		.32	.26		.30	.60				.15				.41			.02	.12					.61	.03						
GLENN DALE BELL STN	3.02	.15		.23	.58	.01	.01	.80				.08				.35			T	.15						.36	.30	T				
LAUREL 3 W	3.99	.05		.80	.09		.65	.36		.10					.53	.07				.10			.05	.09	1.10							
NATIONAL ARBORETUM DC	2.25		.02	.01	.61		*	*	.72				.12			.38				.06	.02				.14	.17	T					
NORTHERN EASTERN																																
SHORE 05																																
CHESTERTOWN	3.68	.04		.83	T	.07	.48	.21				.11			.09	.20		.02	.06	.09			T	*	1.48							
MILLINGTON 1 SE	3.25	T		.62	.48	.07	.26	.48				.08				.30			*	.27					.28	.41						
NORTHERN CENTRAL 06																																
ABERDEEN PHILLIPS FIEL	M 3.80	-	-	.23	.26	.02	*	*	.99			.09				.66	T		.02	.27					.12	.22	.92					
BALTIMORE CITY	R 2.45	.01		.66			.47	.17				.10			.62				.16			.05		.20								
BENSON POLICE BARRACKS	5.15	.20		.28	.50	.02	.16	.95		.01		.14				.35			.03	.20					.51	1.25	.55					
CATOCTIN MOUNTAIN PARK	4.68	.73		.49		.02	.45	.92				.22				.36			T	.01			.03		.50	.93						
CONOWINGO DAM	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DAMASCUS 2 SSW	4.00	.27		.51	T		1.25	.37				.19																				
EMMITSBURG 2 SE	4.18	.48	.25	.30		T	.30	1.00				.20				.35			T	.02	.03	.10				.57	.79					
FREDERICK POLICE BRKS	3.93	.12		.32	.16		.18	1.10				.12				.34			.04						.76	.73	.06					
FREDERICK GAS PLANT	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MILLERS 4 NE	3.75	.15		.21	.02	.03	.26	1.02				.16				.37	T		.01	.01			.04		1.02	.45						
POTOMAC FILTER PLANT	2.89	.13		.47	.03	.01	.76	.53					.08							.02	.03					.12	.01					
ROCKVILLE 1 NE	M 3.26	.18		.50	.01	T	.98	.32										T	.03	.01		.03		1.13	.06	.02						
TOWSON	5.35			.60	.13		.30	.86	*	.60		.35	.01	.01	.01	.70		.03	.03		.12				1.00	.05	.55					
UNIONVILLE	3.65	.07		.31		.03	.60	.72		.01		.20			.10	.27		T	T	.03					.49	.82						
WESTMINSTER POL BRKS	3.31	.08		.37		.15	.120					.15				.37			.01	.05						.30	.62					
WOODSTOCK	4.84	.16		.61	.11		.39	1.06				.20				1.04			T	.12					.12	1.03						
APPALACHIAN MOUNTAIN 07																																
CUMBERLAND 2	4.10	1.35		.40	.22	.05	.05	1.25				.07				.24									.02	.25	.20					
EDGE MONT	3.97	.73	.02	.22	.16	T	.01	1.16			.03	.11	.04			.49	.01		T	T				.12	.20	.67						
FROSTBURG 2	5.03	.73	.01	.39	.41	.09	.16	1.36	.02		T	.11	.16			.46	.04		T	T					.02	.54	.53					
HANCOCK	M 2.22	-	.01	.29	.31	.02		.97					.10			.14	.01									.22	.15					
ALLEGHENY PLATEAU 08																																
MERRILL	4.63	.32		.46	.28	.30	T	1.50				.22	.08			.40	T									.80	.27					
OAKLAND 1 SE	5.57	.45		.69	.21	.41	.50	1.45				.36			.09	.18	.05	T	T						.40	.69	.03					
SAVAGE RIVER DAM	4.25	.72	.01	.53	.28	.11	.09	1.37	T			.28	.03			.23		T	T	T					T	.36	.24					

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION (INCHES)

MARYLAND AND
DELAWARE
MAY 1994

STATION		TOTAL	DAY OF MONTH																														
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
DELAWARE																																	
NORTHERN 01																																	
NEWARK UNIVERSITY FARM		4.41	.06		.17	.14	.07	.13	.96				.19				.53			.05	.16					.02	.20	1.30	.43				
WILMINGTON WSO ARPT R		3.69	.06		.30		.05	.78	.26				.11			.42	.08		.18	.13	.09			T	.10	.24	.89						
WILMINGTON PORTER RSVR		4.48	.11		.29	T	.07	.88	.37				.22			.77	.26		T	.28	.07					.67	.49						
SOUTHERN 02																																	
DOVER		3.85	.04		.36	.96	.15	.11	.55				.11				.10		T	.60	.13				.02	.48	.22	.02					
GEORGETOWN 5 SW		3.24	.11		.02	.11	1.04		.16	.04				.42			.12			.39	.05	.05				.02	.30	.41					
GREENWOOD 2 NE		3.41	.27		.57	.49	.01	.27	.14				.04				.30		.13	.28					T	.36	.49	.06					
LENES		2.39	.17		.61	.19	.02	.13	.12		T		.05				.07			.38						.15	.30	.20					

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES (°F)

MARYLAND AND
DELAWARE
MAY 1994

STATION		OB. TIME	MAX/MIN	DAY OF MONTH																															AVERAGE			
				1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31				
MARYLAND																																						
SOUTHERN EASTERN SHORE		01																																				
ASSATEAGUE IS NATL SEA		07	MAX MIN	67 55	57 44	60 50	53 52	68 52	66 54	58 46	62 56	69 54	68 51	65 53	69 55	66 50	63 52	70 53	79 59	60 52	62 51	58 50	53 50	60 50	68 50	73 52	80 62	69 61	72 60	65 57	66 55	69 54	71 58	72 54	65.7 53.3			
PRINCESS ANNE		17	MAX MIN OBS	76 55	69 40	66 33	63 44	69 47	66 49	63 36	69 50	71 40	70 48	74 33	76 56	68 43	70 38	85 45	78 62	78 47	65 42	65 44	58 43	58 38	72 41	88 44	88 58	84 62	85 56	81 51	73 49	70 33	76 44	81 54	73.4 46.0			
SALISBURY		17	MAX MIN	76 65	74 44	64 42	59 50	66 49	67 50	63 44	70 55	71 51	69 52	73 43	73 61	69 47	70 41	83 52	82 66	76 50	64 48	63 47	58 45	71 45	79 46	89 52	88 63	84 66	83 61	80 52	69 45	77 49	80 56	79 51	73.2 51.3			
SALISBURY FAA ARPT		MID	MAX MIN	76 51	64 42	64 38	54 51	69 51	66 47	69 39	72 53	72 49	69 45	74 38	84 53	79 43	61 37	65 49	60 57	54 50	72 48	60 49	46 46	45 45	79 44	90 48	87 62	84 62	84 60	67 45	71 39	78 44	81 54	72.1 48.0				
SNOW HILL 4 N		17	MAX MIN	79 65	76 44	64 38	59 47	69 50	71 48	66 39	69 55	74 48	72 51	74 38	79 58	68 42	73 37	85 47	85 66	78 48	66 47	64 48	56 46	70 43	77 46	89 45	88 61	85 65	84 62	80 54	73 38	78 45	80 58	79 51	74.5 49.4			
CENTRAL EASTERN SHORE																																						
ROYAL OAK 2 SSW		18	MAX MIN	74 63	70 47	66 43	61 49	69 50	67 55	64 44	64 53	71 51	69 56	72 44	72 60	68 50	69 41	83 57	78 69	73 51	64 50	62 50	55 46	73 40	80 46	88 54	84 61	82 64	80 62	77 53	70 47	77 58	80 62	81 62	72.4 52.8			
VIENNA		18	MAX OBS MIN OBS	80 54	69 42	66 39	60 47	72 43	69 51	68 44	69 59	73 47	69 55	72 42	74 61	72 46	72 40	85 50	84 51	74 49	65 46	60 47	60 44	73 47	84 45	90 51	90 62	90 62	84 52	80 52	72 43	77 53	79 57	82 53	74.6 49.8			
LOWER SOUTHERN																																						
MECHANICSVILLE 5 NE		19	MAX MIN	77 65	65 39	65 36	57 47	69 48	65 50	64 39	61 52	72 45	69 50	75 39	74 60	67 46	71 37	87 49	78 65	69 50	62 45	59 48	55 47	72 41	79 44	88 51	86 56	85 62	80 58	69 52	71 40	79 48	82 57	82 52	72.1 49.0			
OWINGS FERRY LANDING		17	MAX MIN	77 63	71 40	64 37	61 48	70 48	69 49	66 39	62 50	73 42	70 49	74 39	74 59	67 45	72 38	85 51	84 65	72 49	62 43	61 46	56 47	73 40	81 45	89 52	88 58	86 58	85 56	76 50	71 40	80 48	82 57	82 55	73.6 48.6			
UPPER SOUTHERN																																						
ANNAPOLIS POLICE BRKS		17	MAX MIN OBS	78 66	76 40	67 48	62 48	75 50	74 54	71 44	58 50	75 49	74 46	73 46	72 60	70 46	73 44	82 46	80 44	76 50	62 46	60 52	62 48	74 42	82 50	92 64	92 62	90 62	86 62	80 54	76 50	78 50	80 57	80 60	75.2 51.3			
BALTIMORE WSO ARPT		MID	MAX MIN	76 48	65 41	62 41	53 49	72 50	70 48	59 43	62 50	73 45	69 48	75 44	73 47	69 41	73 40	84 51	77 54	60 50	63 47	61 49	53 45	77 41	84 48	90 56	87 60	87 62	81 59	67 48	72 46	81 49	85 57	85 56	72.4 48.8			
COLLEGE PARK		09	MAX MIN	81 64	77 42	66 40	68 48	57 48	72 54	70 42	59 50	62 44	76 56	72 42	76 61	75 47	70 39	74 51	87 66	81 50	62 49	64 50	62 49	59 42	78 48	86 56	91 61	90 60	89 51	85 51	67 44	74 81	81 62	86 55	74.1 50.8			
DALECARLIA RESERVOIR		17	MAX MIN OBS	79 62	69 40	65 41	63 47	70 47	70 47	67 41	64 50	76 41	75 53	77 41	76 18	70 44	73 39	87 40	85 38	71 37	63 37	62 48	59 47	76 41	85 41	89 55	90 55	89 54	83 54	79 49	73 41	81 41	85 57	85 56	75.4 46.5			
GLENN DALE BELL STN		16	MAX MIN	79 62	75 34	67 35	65 47	71 47	72 49	67 49	64 49	74 39	75 50	78 36	77 58	73 42	74 35	86 48	88 44	78 48	63 46	63 46	59 47	76 37	86 42	92 50	93 52	91 57	89 55	79 50	69 40	72 45	85 50	86 50	76.3 46.3			
LAUREL 3 W		07	MAX MIN	74 51	63 41	64 45	56 46	72 47	70 52	59 48	64 48	75 50	70 54	74 47	74 52	69 42	75 45	83 53	78 55	63 43	61 46	57 49	78 48	85 51	90 55	88 62	88 61	80 58	70 48	72 48	80 51	84 58	84 57	72.9 50.2				
NATIONAL ARBORETUM DC		07	MAX OBS MIN OBS	81 60	78 44	66 41	66 49	54 49	71 52	69 41	60 50	62 43	75 46	71 42	76 51	74 46	71 39	74 49	86 56	80 50	63 47	63 47	62 49	56 41	78 48	86 52	91 59	89 60	88 57	83 51	67 41	73 48	81 56	85 57	73.5 48.7			
NORTHERN EASTERN SHORE																																						
CHESTERTOWN		23	MAX MIN	77 51	64 41	66 40	52 44	72 47	70 50	62 42	63 48	74 44	71 51	75 41	73 53	69 43	73 39	85 50	77 57	62 46	65 47	57 48	52 44	77 38	85 44	90 52	86 59	88 60	82 58	68 47	72 45	80 50	83 57	83 56	72.7 48.1			

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES (°F)

MARYLAND AND
DELAWARE
MAY 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		
MILLINGTON 1 SE	18	MAX MIN		62 43	65 39	61 45	70 48	69	62 40	62 49	71 42	69 49	72 39	72 56	66 43	69 37	80 47	80 66	73 47	64 47														M M	
NORTHERN CENTRAL 06																																			
ABERDEEN PHILLIPS FIEL	16	MAX MIN OBS		62 41 ***	63 47	61 50	71 52	71 53			71 44	71 58	71 41	71 58	67 41		78 50	78 67	75 48	63 50	61 50	55 48			89 49	89 54	85 59	85 62	78 48		45 45	48 48	56 54	81 54	72.5 50.5
BALTIMORE CITY	MID	MAX MIN	77 48	63 45	62 48	54 47	75 48	72 54	58 49	61 49	76 49	71 54	76 53	75 52	72 44	73 48	86 58	82 54	58 48	62 48	60 47	53 46	76 45	86 56	93 63	91 67	89 63	80 62	66 49	74 52	81 54	86 60	85 61	73.3 52.3	
BENSON POLICE BARRACKS	17	MAX MIN	76 60	72 41	65 42	61 48	76 48	74 52	70 44	62 49	76 49	76 57	74 46	73 56	69 43	75 42	83 49	83 65	73 47	62 48	62 49	55 47	80 41	89 47	92 55	91 62	89 60	83 59	69 47	73 48	80 47	84 57	83 56	75.2 50.4	
CATOCTIN MOUNTAIN PARK	17	MAX MIN	73 50	57 36	58 36	60 41	63 43	64 47	63 43	55 42	69 45	71 51	72 46	70 52	64 39	66 43	79 54	75 53	55 41	54 41	55 43	59 45	74 43	81 57	83 63	79 58	79 60	71 57	62 39	66 42	74 52	80 55	79 57	68.1 47.5	
CONOWINGO DAM	MID	MAX MIN																																M M	
DAMASCUS 2 SSW	22	MAX MIN	70 48	60 39	57 34	49 43	66 45	67 45	53 36	57 48	71 35	67 47	72 36	68 47	66 38	68 33	79 48	73 55	59 46	58 41	60 45	74 35	82 45	86 52	82 48	83 59	73 55	63 45	68 34	76 44	82 56	81 57	68.6 44.6		
EMMITSBURG 2 SE	17	MAX MIN	71 55	57 34	58 33	49 43	65 46	63 47	63 34	55 43	67 40	67 42	68 33	68 52	64 38	65 31	75 44	74 57	57 45	56 44	60 46	73 36	79 42	84 49	82 51	79 51	71 55	71 44	71 34	72 37	79 47	79 52	67.7 43.3		
FREDERICK POLICE BRKS	17	MAX MIN	79 59	70 42	70 40	59 45	70 47	70 50	70 42	60 48	76 46	75 56	75 42	75 57	68 44	71 40	78 52	82 62	72 48	61 47	62 46	63 49	75 41	86 49	90 61	91 67	87 61	85 60	75 48	70 42	78 46	84 56	84 58	74.5 50.0	
FREDERICK GAS PLANT	08	MAX MIN																																M M	
MILLERS 4 NE	18	MAX MIN	70 56	59 39	60 38	53 45	68 47	65 48	62 38	58 47	69 44	68 48	71 41	69 54	65 36	68 36	79 49	76 60	60 44	58 44	55 45	59 39	74 39	82 49	86 58	81 55	81 59	75 55	62 43	66 38	75 43	80 55	79 54	68.8 46.8	
ROCKVILLE 1 NE	MID	MAX MIN	72 47	61 40	61 40	51 46	68 47	66 49	55 42	61 49	74 44	68 49	76 41	73 49	69 42	72 39	85 53	75 54	60 45	60 47	62 45	78 39	85 47	87 61	85 62	84 60	78 60	68 48	70 46	79 47	80 45	84 58	71.0 48.1		
TOWSON	18	MAX MIN OBS	76 58	65 41	62 45	60 48	72 48	74 45	71 43	71 49	74 41	74 52	74 37	73 54	68 42	72 41	83 52	85 65	70 54	70 46	62 46	56 46	77 42	84 42	90 52	89 41	88 42	82 53	66 38	70 37	78 37	84 50	85 49	74.4 47.2	
UNIONVILLE	17	MAX MIN	73 52	64 32	62 31	53 43	70 47	69 43	64 33	59 46	74 34	71 44	71 32	71 52	70 32	73 29	83 43	75 52	64 45	61 34	61 45	64 34	78 34	86 40	91 48	87 46	89 55	78 54	67 44	72 32	80 38	86 52	86 50	72.8 42.1	
WESTMINSTER POL BRKS	17	MAX MIN OBS	74 56	74 39	61 41	53 44	69 46	68 49	68 45	68 48	72 46	73 53	73 43	74 53	67 39	72 41	82 49	81 60	68 46	60 47	57 54	64 43	76 44	83 50	87 64	89 56	88 61	81 56	72 45	69 45	78 46	83 52	84 52	73.2 48.8	
WOODSTOCK	18	MAX MIN	75 61	64 36	62 36	58 44	73 46	70 48	67 38	60 48	76 40	75 54	75 37	73 56	73 44	74 36	85 48	79 61	65 46	61 44	61 47	57 46	79 37	86 45	90 53	86 54	86 59	79 56	66 46	72 38	80 41	84 52	84 52	73.4 46.7	
APPALACHIAN MOUNTAIN	07																																		
CUMBERLAND 2	17	MAX MIN OBS	68 41	63 36	59 37	51 44	61 47	67 42	63 43	62 40	74 40	71 38	78 39	76 52	68 36	76 43	81 56	75 46	62 42	57 47	62 48	70 42	79 46	86 55	88 53	85 55	80 58	74 44	68 37	74 40	79 45	85 53	86 58	71.9 45.3	
FROSTBURG 2	07	MAX MIN	69 54	59 35	54 34	49 37	42 38	53 42	57 39	50 41	54 43	65 42	62 40	71 38	58 37	60 36	69 36	72 52	62 38	45 38	47 41	54 42	61 42	72 40	78 50	79 52	76 51	71 54	68 38	55 35	65 35	71 41	78 50	62.1 41.6	
HANCOCK	08	MAX MIN OBS	69 46	61 32	58 41	52 41	65 42	67 39	55 43	61 36	70 34	77 42	70 34	77 42	68 34	71 39	82 50	74 46	57 40	58 40	61 49	66 38	77 45	84 51	87 49	84 54	83 56	78 48	64 34	71 39	78 41	85 52	85 56	70.8 43.0	
ALLEGHENY PLATEAU	08																																		
OAKLAND 1 SE	17	MAX MIN	70 42	53 34	54 29	43 38	50 41	55 42	54 35	56 42	65 38	64 46	69 30	68 46	60 33	74 29	67 47	66 52	55 38	47 40	53 40	58 44	71 32	75 39	79 46	79 42	76 58	67 54	59 37	64 30	73 34	78 41	78 50	63.9 40.3	
SAVAGE RIVER DAM	08	MAX MIN	74 54	61 39	58 32	62 35	45 41	67 43	58 39	52 41	58 39	68 41	65 34	73 35	62 35	65 32	71 33	75 50	66 43	48 42	52 44	61 45	64 38	74 40	79 51	82 48	84 51	74 55	71 41	58 34	67 36	74 41	80 48	66.1 41.3	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES (°F)

MARYLAND AND
DELAWARE
MAY 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	76	69	69	62	71	71	66	62	73	73	74	74	65	72	81	81	72	65	57	53	77	85	88	88	86	80	66	70	78	83	82	73.2
			MIN	59	38	38	46	48	50	40	48	43	52	38	53	38	35	45	65	45	51	50	45	39	45	52	58	59	57	45	39	43	52	54	47.4
WILMINGTON WSO ARPT		MID	MAX	75	62	64	54	72	68	60	63	72	70	72	72	66	72	80	76	61	67	57	54	77	86	89	84	85	80	65	69	77	83	82	71.4
			MIN	48	40	43	50	51	50	42	51	45	49	41	48	41	38	49	51	48	49	48	43	40	47	54	62	61	60	46	43	49	57	59	48.5
WILMINGTON PORTER RSVR		MID	MAX	72	61	62	53	70	65	60	61	71	68	71	69	65	71	79	73	59	64	55	54	75	83	88	83	83	77	64	68	76	82	80	69.7
			MIN	49	42	45	49	49	52	44	50	46	53	55	50	44	42	49	52	47	49	47	45	44	49	55	62	62	61	47	45	49	59	61	50.1
			OBS						37																										
SOUTHERN		02																																	
DOVER		17	MAX	73	72	62	59	67	67	67	60	70	70	71	71	71	72	83	82	74	61	62	58	71	77	86	86	85	85	80	69	77	80	80	72.5
			MIN	63	43	42	50	49	49	40	46	47	52	41	44	45	43	52	53	47	48	48	46	41	40	51	52	62	60	48	43	41	55	56	48.3
GEORGETOWN 5 SW		08	MAX	78	73	63	63	52	67	68	65	63	71	69	73	74	70	74	83	77	66	65	57	61	70	77	88	86	84	82	71	69	78	81	71.5
			MIN	60	41	42	47	49	46	40	48	47	46	39	54	45	48	51	58	46	46	47	45	41	44	49	58	63	57	54	41	49	55	54	48.7
			OBS				35																												
GREENWOOD 2 NE		18	MAX	75	75	64	56	68	67	61	65	71	68	72	72	65	70	82	75	73	62	57	53	74	79	88	84	82	81	77	69	77	80	81	71.7
			OBS																59																
			MIN	61	41	38	47	48	49	41	50	45	49	40	52	44	36	48	49	47	46	47	45	40	43	50	57	63	58	50	42	49	54	53	47.8
LEWES		17	MAX	77	76	61	57	68	69	69	66	73	71	70	74	68	70	83	84	78	64	57	52	63	72	86	87	84	83	79	70	77	80	79	72.5
			MIN	63	45	42	48	51	51	44	51	51	55	45	60	47	42	52	52	48	48	49	48	47	45	49	49	62	61	51	43	43	59	58	50.3

SEE REFERENCE NOTES FOLLOWING STATION INDEX

EVAPORATION AND WIND

MARYLAND AND
DELAWARE
MAY 1994

STATION		DAY OF MONTH																															MAY 1994	
		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	TOTAL OR AVG	
MARYLAND																																		
ALLEGHENY PLATEAU 08																																		
SAVAGE RIVER DAM		WIND	24	69	56	53	38	32	47	33	52	18	15	7	43	22	5	19	89	71	64	23	20	24	14	44	23	16	52	51	21	12	11	106.8
		EVAP	2	18	19	2	-	17	15	-	13	16	20	24	18	25	19	3	19	14	10	-	5	17	6	29	16	-	39	15	20	19	12	4.968
		MAX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	M
		MIN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	M
DELAWARE																																		
NORTHERN 01																																		
NEWARK UNIVERSITY FARM		WIND	33	78	24	63	66	76	27	74	48	33	35	47	98	38	23	59	106	95	16	37	30	22	23	35	25	24	77	38	21	22	19	141.2
		EVAP	12	26	3	13	*	33	10	6	15	17	17	17	29	18	17	13	34	18	-	3	14	20	23	24	23	-	-	30	30	29	21	5.708
		MAX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	M
		MIN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	M
SOUTHERN 02																																		
GEORGETOWN 5 SW		WIND	90	74	35	50	101	46	52	36	27	29	13	11	91	25	30	33	106	85	30	13	11	17	8	18	22	57	93	82	53	36	71	164.5
		EVAP	47	10	27	14	20	18	8	11	6	20	23	26	35	26	19	48	36	23	-	15	32	35	15	35	40	8	36	32	25	20	-	7.598
		MAX	85	78	72	68	51	70	65	64	62	75	65	76	68	68	72	83	80	69	57	57	69	77	83	88	90	83	83	77	76	81	88	73.5
		MIN	59	43	43	46	50	49	49	46	47	49	50	50	44	44	51	64	57	48	52	47	43	50	50	55	63	60	53	44	46	55	52	50.3

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
MAY 1994

STATION	INDEX NO.	DIVISION	COUNTY	LATITUDE	LONGITUDE	ELEVATION (IN FEET)	OBSERVATION TIME AND TABLES				OBSERVER
							LOCAL STD TIME				
							TEMP	PRECIP	EVAP	SPECIAL (SEE NOTES)	
MARYLAND											
ABERDEEN PHILLIPS FIEL	00115	06	HARFORD	39 28	76 10W	57	16	16		C H	PHILLIPS ARMY AIRFIELD
ANNAPOLIS POLICE BRKS	01933	04	ANNE ARUNDEL	38 59	76 30W	25	17	17		H H	ANNAPOLIS POLICE BRKS
ASSATEAGUE IS NATL SEA	03355	01	WORCESTER	38 14	75 8W	10	07	07		H H	NATIONAL PARK SERVICE
BALTIMORE WSO ARPT	R0465	04	ANNE ARUNDEL	39 11	76 40W	148	MID	MID		C H J	NATL WEATHER SERVICE
BALTIMORE CITY #	R0470	06	BALTIMORE CI	39 17	76 37W	14	MID	MID		C C	NATIONAL WEATHER SERVICE
BELTSVILLE	07000	04	PRINCE GEORG	39 2	76 53W	120	08	08	08	C H	INACTIVE 04/01/94
BENSON POLICE BARRACKS	07322	06	HARFORD	39 30	76 23W	365	17	17		C H	MARYLAND STATE POLICE
CATOCTIN MOUNTAIN PARK	15300	06	FREDERICK	39 39	77 29W	1610	17	17		C H	CATOCTIN MOUNTAIN PARK
CHESTERTOWN	17500	05	KENT	39 13	76 4W	40	23	23		H	THOMAS W ELIASON JR
CLARKSVILLE 3 NNE	18622	06	HOWARD	39 15	76 56W	370	17	17		H H	INACTIVE 09/01/93
COLLEGE PARK	19950	04	PRINCE GEORG	38 59	76 57W	90	09	09		C H	UNIVERSITY OF MARYLAND
CONOWINGO DAM	20600	06	HARFORD	39 39	76 10W	40	MID	MID		H	SUSQUEHANNA ELECTRIC CO
CUMBERLAND 2	22820	07	ALLEGANY	39 38	78 45W	730	17	07		H	TIMOTHY B THOMAS
DALECARLIA RESERVOIR	23250	04	OIS COLUMBIA	38 56	77 7W	150	17	17		H	U S CORPS OF ENGINEERS
DAMASCUS 2 SW	23350	06	MONTGOMERY	39 16	77 14W	722	19	19		H	INACTIVE 01/01/92
DAMASCUS 2 SSW	23360	06	MONTGOMERY	39 16	77 14W	670	22	22		H	ROBERT J LEFFLER
EDGEMONT	27700	07	WASHINGTON	39 40	77 33W	905		07			JOHN W HARNE
EMMITSBURG 2 SE	29060	06	FREDERICK	39 41	77 18W	416	17	17		H	LUCILLE K BEALE
FREDERICK POLICE BRKS	33480	06	FREDERICK	39 25	77 26W	380	17	17		H	MARYLAND STATE POLICE
FREDERICK GAS PLANT	33490	06	FREDERICK	39 27	77 24W	290	08	08		H	PLANT EMPLOYEES
FROSTBURG 2	34150	07	ALLEGANY	39 40	78 56W	2168	07	07		H	KENNETH L CLOSE
GLENN DALE BELL STN	36750	04	PRINCE GEORG	38 58	76 48W	150	16	16		H	USDA PLANT INTRODUCT STN
HAGERSTOWN	39750	07	WASHINGTON	39 39	77 44W	660	08	08		C H	INACTIVE 11/01/93
HANCOCK	40300	07	WASHINGTON	39 42	78 11W	428	08	08		C H	TOWN OF HANCOCK
LA PLATA 1 W	50800	03	CHARLES	38 32	77 0W	140	18	18		H	INACTIVE 02/28/94
LAUREL 3 W	51110	04	PRINCE GEORG	39 6	76 54W	400	07	07			WA SUBURBAN SANITARY COM
MC HENRY 2 NW	58320	08	GARRETT	39 35	79 22W	2680	08	08		C H	INACTIVE 12/01/93
MECHANICSVILLE 5 NE	58650	03	ST MARYS	38 27	76 41W	100	19	19		H	SANDRA J HASTINGS
MERRILL	58940	08	GARRETT	39 36	79 5W	1790		09		H	DELWOOD E MERRILL
MILLERS 4 NE	59340	06	CARROLL	39 43	76 48W	860	18	18		C H	BOBBY P MILLER
MILLINGTON 1 SE	59850	05	KENT	39 16	75 52W	30	18	18			HOWARD L HARVEY
NATIONAL ARBORETUM DC	63500	04	OIS COLUMBIA	38 54	76 59W	50	07	07		H	US NATIONAL ARBORETUM
OAKLAND 1 SE	66200	08	GARRETT	39 24	79 24W	2419	17	17		H	BEA J CROSCO
OWINGS FERRY LANDING	67700	03	CALVERT	38 41	76 40W	160	17	17		H	JAMES C RASMUSSEN
POTOMAC FILTER PLANT	72720	06	MONTGOMERY	39 2	77 15W	270		08			POTOMAC WATER FILT PLANT
PRINCESS ANNE	73300	01	SOMERSET	38 13	75 41W	20	17	17			UNIV OF MD EASTERN SHORE
ROCKVILLE 1 NE	77050	06	MONTGOMERY	39 6	77 6W	440	MID	17		H	WASHINGTON GAS & ELEC CO
ROYAL OAK 2 SSW	78060	02	TALBOT	38 43	76 11W	10	18	18		H	JOHN L SWAINE JR
SALISBURY	80000	01	WICOMICO	38 22	75 35W	10	17	17			CITY OF SALISBURY
SALISBURY FAA ARPT #	80050	01	WICOMICO	38 20	75 31W	50	MID	MID		H	FAA
SAVAGE RIVER DAM	80650	08	GARRETT	39 31	79 8W	1495	08	08	08	C H	US CORPS OF ENGINEERS
SNOW HILL 4 N	83800	01	WORCESTER	38 14	75 23W	30	17	17		H	CURTIS E SHOCKLEY
TOWSON	88770	06	BALTIMORE	39 23	76 34W	390	18	18			ENVIRONMENTAL TECH GROUP
UNIONVILLE	90300	06	FREDERICK	39 27	77 11W	430	17	17		C	ROBERT YOUNG
UPPER MARLBORO 3 NNW	90700	04	PRINCE GEORG	38 52	76 47W	100	08	08	08	H	INACTIVE 09/01/93
VIENNA	91400	02	DORCHESTER	38 29	75 50W	10	18	18			DELMARVA POWER & LIGHT
WESTMINSTER POL BRKS	94400	06	CARROLL	39 33	76 58W	765	17	17		H	MARYLAND STATE POLICE
WOODSTOCK	97500	06	BALTIMORE	39 20	76 52W	460	18	18		H	JOHN A HILTZ

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

MARYLAND AND
DELAWARE
MAY 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	02	KENT	39 9	75 31 W	30	17	17		H	STATE HIGHWAY DEPT
GEORGETOWN 5 SW	3570	02	SUSSEX	38 38	75 27 W	45	08	08	08	C	UNIV OF DEL SUBSTATION
GREENWOOD 2 NE	3595	02	SUSSEX	38 50	75 35 W	45	18	18		H	DANIEL M SWARTZENTRUBER
LEWES	5320	02	SUSSEX	38 46	75 8 W	15	17	17			BOARD OF PUBLIC WORKS
NEWARK UNIVERSITY FARM	6410	01	NEW CASTLE	39 40	75 44 W	90	17	17	17	C	UNIV OF DEL AGRIC FARM
WILMINGTON WSO ARPT	R 9595	01	NEW CASTLE	39 40	75 36 W	74	MID	MID		C	NATIONAL WEATHER SERVICE
WILMINGTON PORTER RSVR	9605	01	NEW CASTLE	39 46	75 32 W	270	MID	MID		H	PUBLIC WORKS

SEE REFERENCE NOTES FOLLOWING STATION INDEX

REFERENCE NOTES

MARYLAND AND
DELAWARE
MAY 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.

I Trace. An amount too small to measure.

V Includes total for previous month(s). (See * above)

SEASONAL TABLES: Monthly and seasonal snowfall and heating degree days for the 12 months ending with the June data are published in the July issue of this bulletin. Cooling degree days for the calendar year are published in the "Climatological Data Annual Summary."

The graphic displays appearing in this publication were first produced for the January 1987 data month. The types of graphs and the information they portray may vary from month to month and from state to state in order to highlight climatic features of state, regional, and seasonal interest. Some graphs present information for "clusters". A cluster is a group of up to four adjacent divisions that comprise an area of similar climate.

Information concerning the history of changes in locations, exposure, etc. of substations is kept on file at the National Climatic Data Center. Historical information of regular National Weather Service Offices may be obtained from the "Local Climatological Data" annual publication. The contents of this publication may be reprinted or otherwise used freely, with proper credit to the National Climatic Data Center. The data are also available in digital form on magnetic tape and diskette.

SUBSCRIPTION, PRICE, AND ORDERING INFORMATION AVAILABLE FROM:

NATIONAL CLIMATIC DATA CENTER
ROOM 120
151 PATTON AVENUE
ASHEVILLE, NC 28801-5001

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

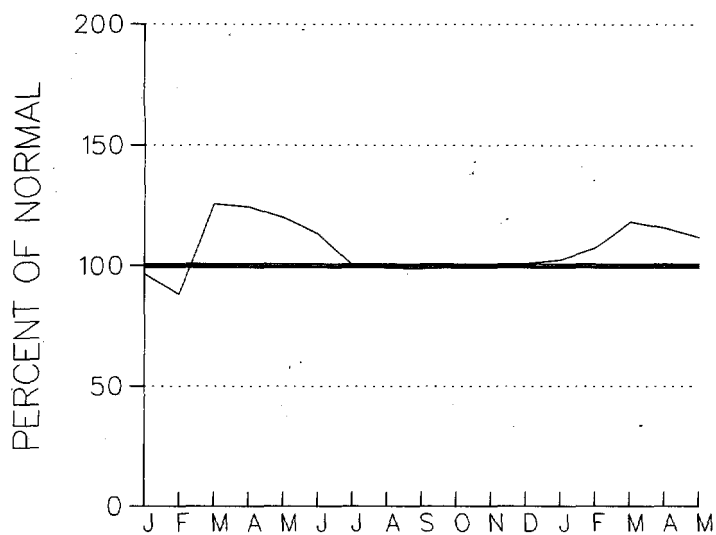
CUMULATIVE PRECIPITATION DEPARTURES FROM NORMAL (1961-1990) FOR THE LAST 17 MONTHS ENDING MAY 1994 MARYLAND

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

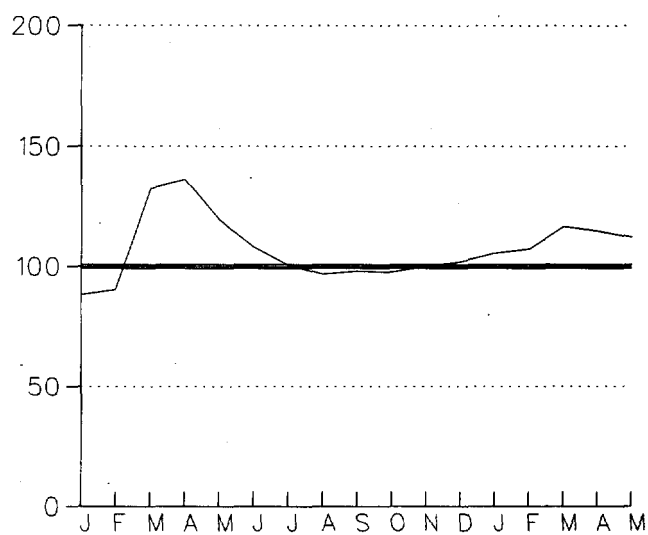
CLUSTER 2 -DIVISION(S):
UPPER SOUTHERN 04
NORTHERN EASTERN SHORE 05

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

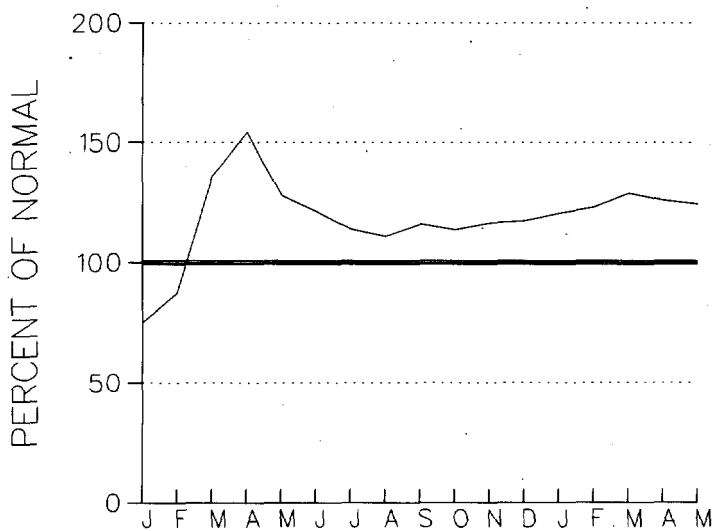
CLUSTER 4 -DIVISION(S):
ALLEGHENY PLATEAU 08



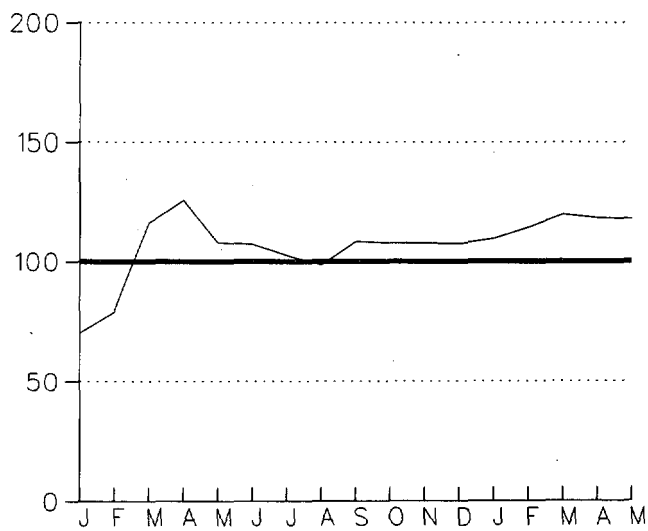
CLUSTER 1



CLUSTER 2



CLUSTER 3

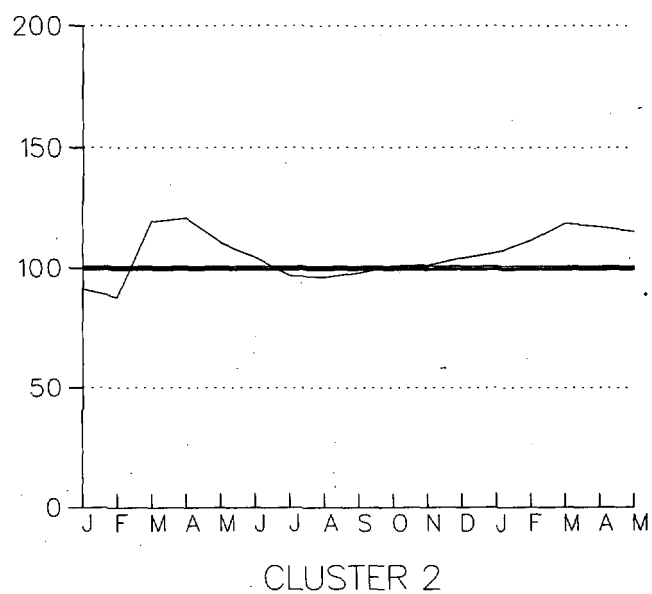
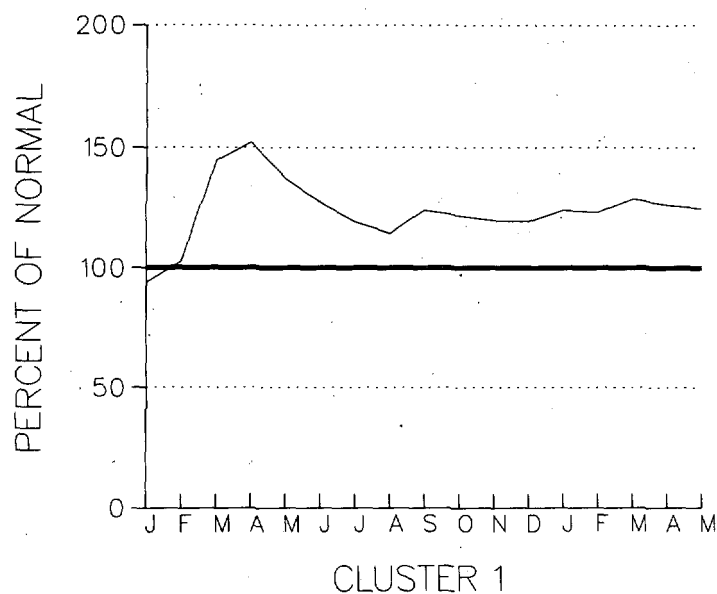


CLUSTER 4

CUMULATIVE PRECIPITATION DEPARTURES FROM NORMAL (1961-1990) FOR THE LAST 17 MONTHS ENDING MAY 1994 DELAWARE

CLUSTER 1 -DIVISION(S):
 NORTHERN 01

CLUSTER 2 -DIVISION(S):
 SOUTHERN 02



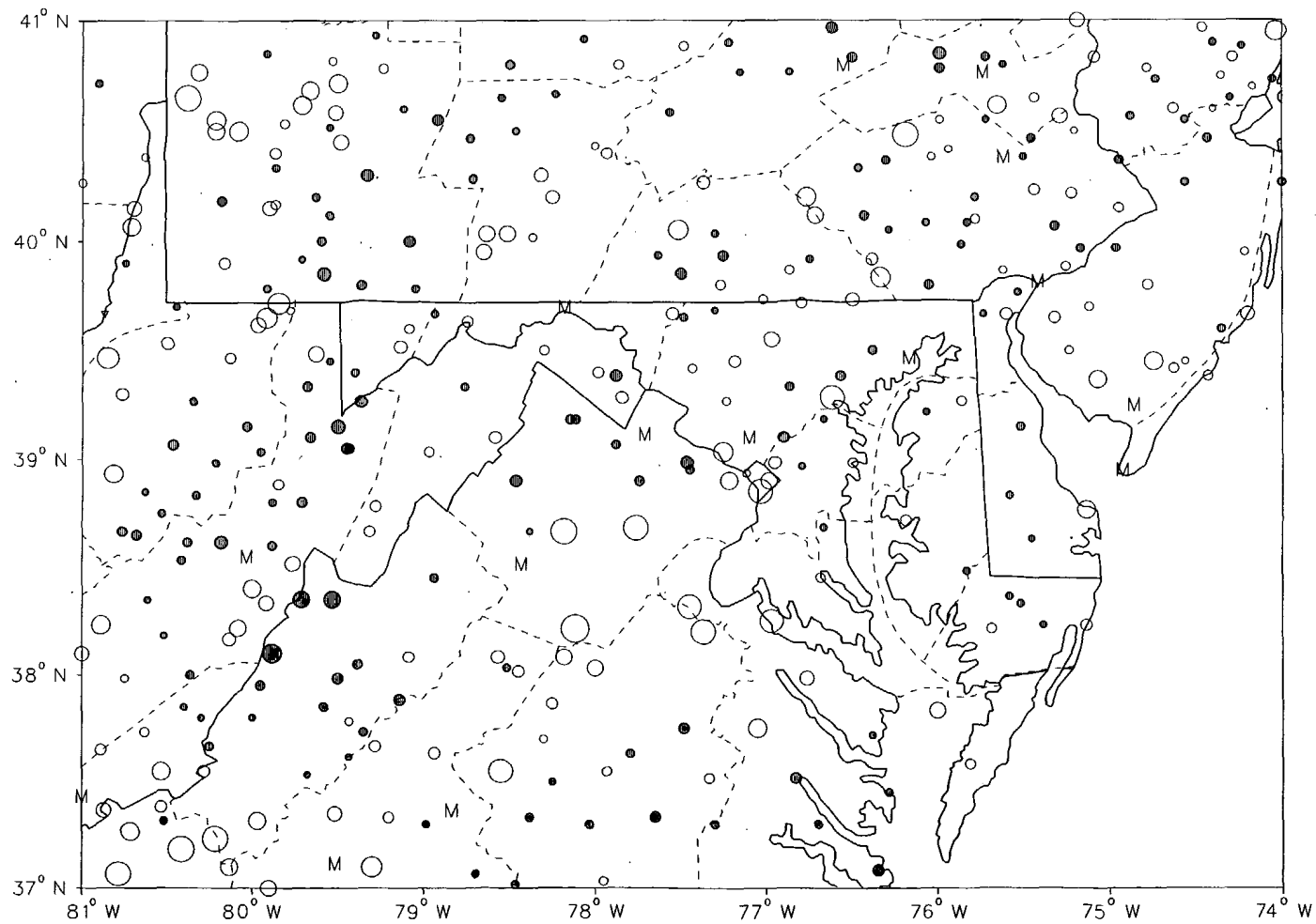
MONTHLY PRECIPITATION DEPARTURE FROM
THE DIVISIONAL AVERAGE FOR
MAY 1994
MARYLAND & DELAWARE

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

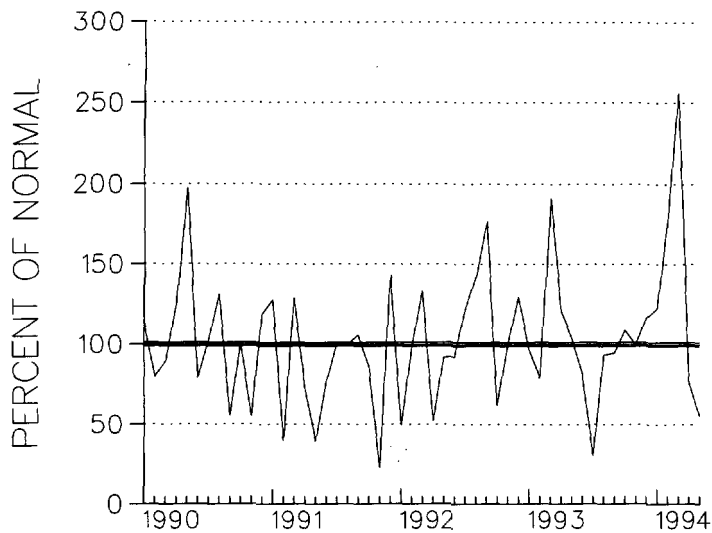
PRECIPITATION DEPARTURES FROM NORMAL (1961-1990)
FOR THE 53 MONTHS
ENDING MAY 1994
MARYLAND

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

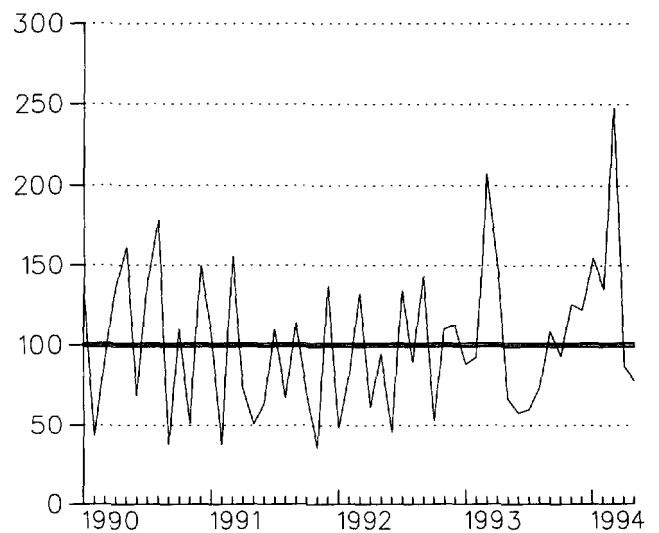
CLUSTER 2 -DIVISION(S):
UPPER SOUTHERN 04
NORTHERN EASTERN SHORE 05

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

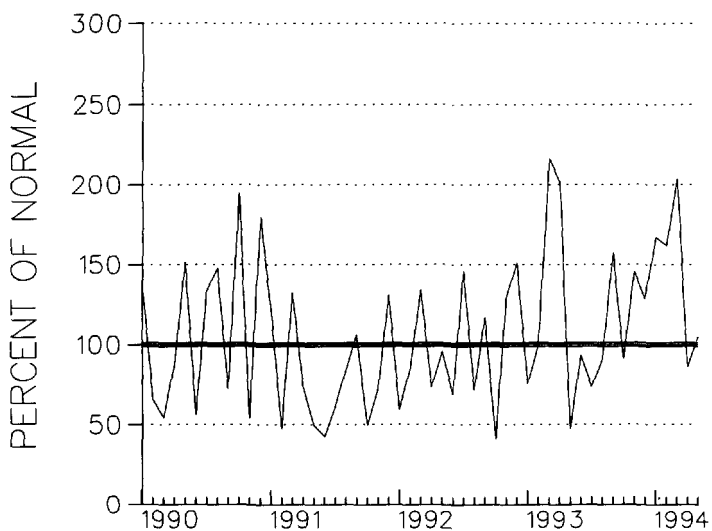
CLUSTER 4 -DIVISION(S):
ALLEGHENY PLATEAU 08



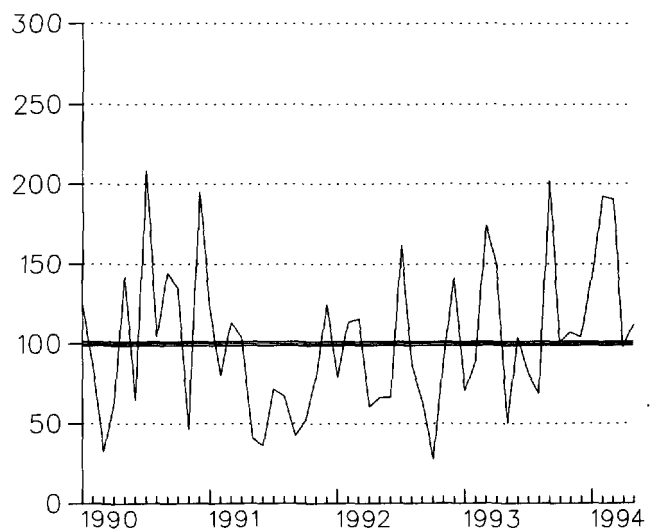
CLUSTER 1



CLUSTER 2



CLUSTER 3

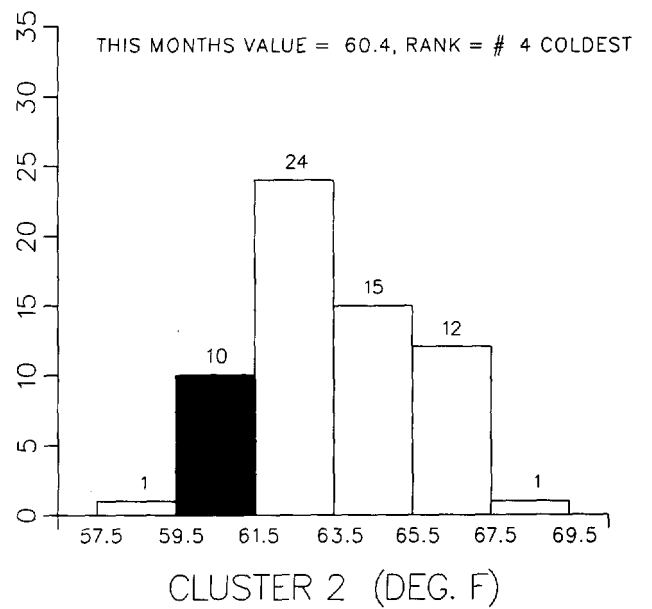
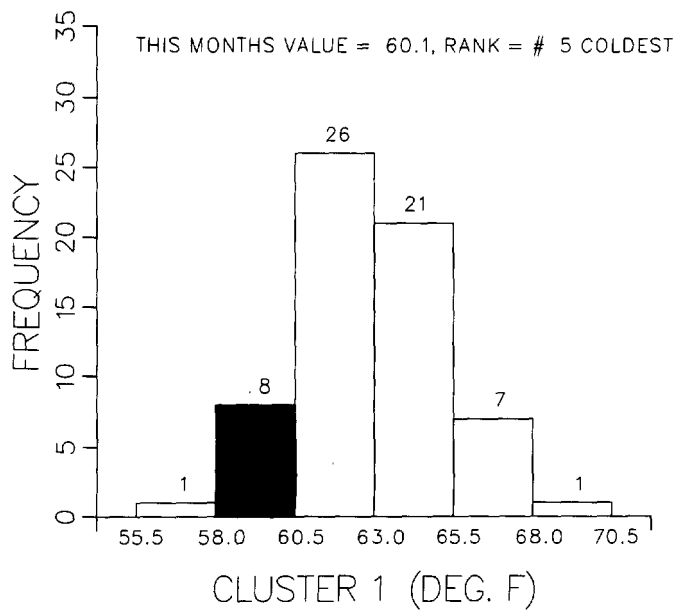


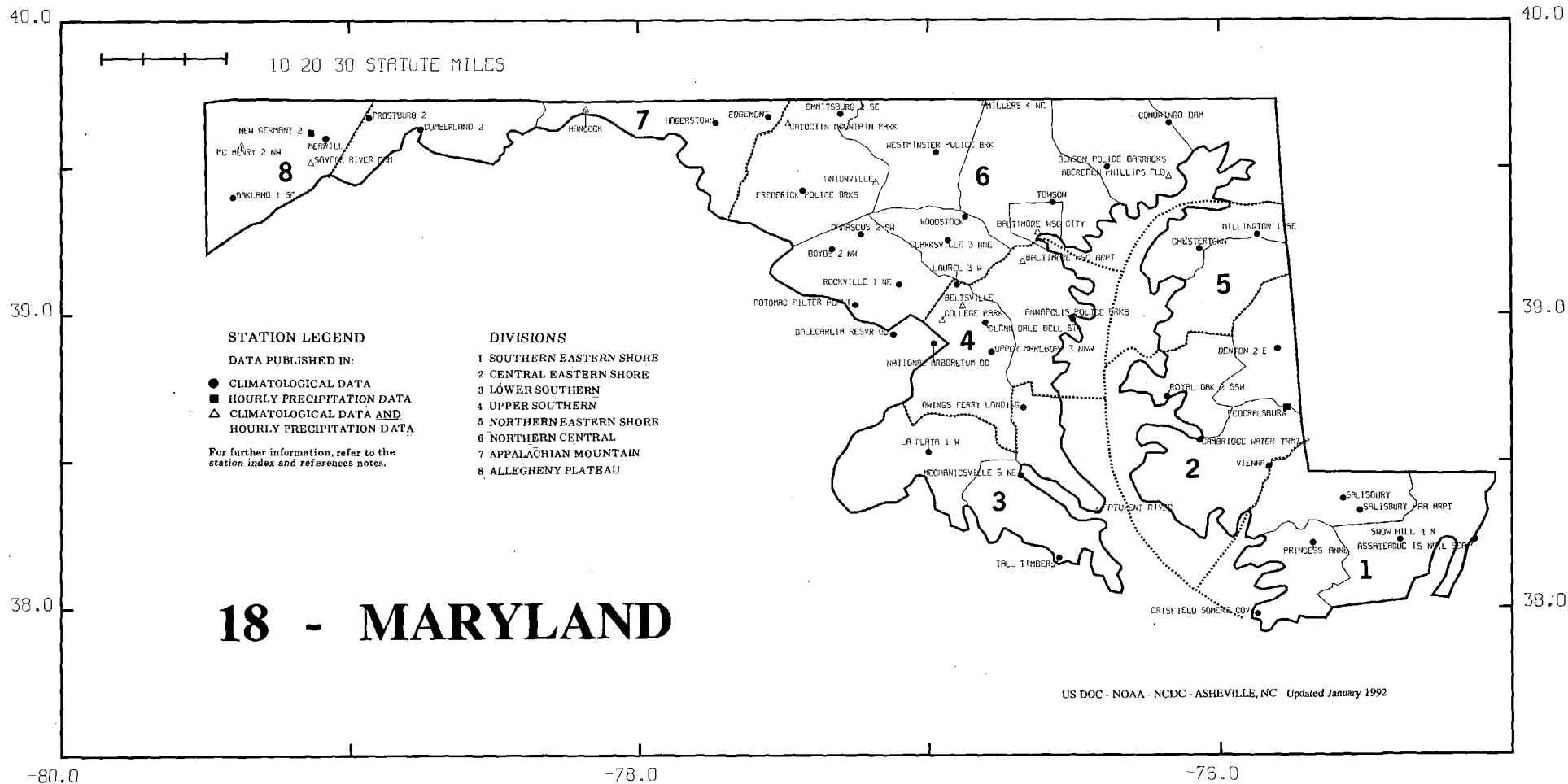
CLUSTER 4

MEAN MONTHLY TEMPERATURE FREQUENCY DISTRIBUTION FOR PERIOD OF RECORD 1931-1994 FOR MONTH OF MAY DELAWARE

CLUSTER 1 -DIVISION(S):
NORTHERN 01

CLUSTER 2 -DIVISION(S):
SOUTHERN 02





40.0

40.0

10 20 30 STATUTE MILES

07 - DELAWARE**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

MT. POND 4 SE

GREENWOOD 2 NE

LEWES

GEORGETOWN 5 SW
△US DOC - NOAA - NCDC - ASHEVILLE, NC
Updated January 1992

39.0

39.0

38.0
-75.0

-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	25.57	0.71	1.57	1.81	0.53	2.55					2.77	4.15	2.94
ASHFORD	16.74E	1.20	2.70	2.90	0.54	2.55					3.83	4.90	4.80
BADIN	-	-	1.30	2.60	1.54	2.55					2.40	4.10	2.90
B EVERETT JORDAN DAM	-	1.70	1.50	2.60							1.70		
BOOKER 5 WSO	-	-	-	-	-	-	-	-	-	-	-	-	-
BURLINGTON 3 NNE	-	-	-	-	-	-	-	-	-	-	-	-	-
CAPE HATTERAS WSO	48.86	0.80	1.92E										
CARTERSVILLE WSO	-	5.25	1.70										
CATALDOCH	-	0.57											
CHARLOTTE WSO AP	25.91	-	-	-	-	-	-	-	-	-	-	-	-
CLINTON 2 NE	30.91	-	-	-	-	-	-	-	-	-	-	-	-
DALTON	-	-	-	-	-	-	-	-	-	-	-	-	-
DODSON	-	-	-	-	-	-	-	-	-	-	-	-	-
EDEN	-	-	-	-	-	-	-	-	-	-	-	-	-
ELIZABETH	-	-	-	-	-	-	-	-	-	-	-	-	-
ELIZABETH	-	-	-	-	-	-	-	-	-	-	-	-	-
FAYETTE	-	-	-	-	-	-	-	-	-	-	-	-	-
FRANKLIN	-	-	-	-	-	-	-	-	-	-	-	-	-
GREENSBORO	-	-	-	-	-	-	-	-	-	-	-	-	-
GREENSBORO	-	-	-	-	-	-	-	-	-	-	-	-	-
HICKORY	-	-	-	-	-	-	-	-	-	-	-	-	-
HOBOKEN	-	-	-	-	-	-	-	-	-	-	-	-	-
LAKE LURE	-	-	-	-	-	-	-	-	-	-	-	-	-
LAURENS	-	-	-	-	-	-	-	-	-	-	-	-	-
LEXINGTON	-	-	-	-	-	-	-	-	-	-	-	-	-
MOOREVILLE 2	-	-	-	-	-	-	-	-	-	-	-	-	-
MOREHEAD CITY	-	-	-	-	-	-	-	-	-	-	-	-	-
MOUNT PLEASANT	-	-	-	-	-	-	-	-	-	-	-	-	-
N WILKESBORO 12	-	-	-	-	-	-	-	-	-	-	-	-	-
POLKTON 2 NE	-	-	-	-	-	-	-	-	-	-	-	-	-
QUEBEC	-	-	-	-	-	-	-	-	-	-	-	-	-
RALEIGH-DURHAM WSO	-	-	-	-	-	-	-	-	-	-	-	-	-
ROANOKE RAPIDS	-	-	-	-	-	-	-	-	-	-	-	-	-
ROCKY MOUNT 6 AP 1 NW	-	-	-	-	-	-	-	-	-	-	-	-	-
SHELBY 2	-	-	-	-	-	-	-	-	-	-	-	-	-
SNEADS FERRY 2 ENE	-	-	-	-	-	-	-	-	-	-	-	-	-
SWANANOA 2 SSE	-	-	-	-	-	-	-	-	-	-	-	-	-
WILKINSON WSO AP	-	-	-	-	-	-	-	-	-	-	-	-	-
WILSON 3 SW	-	-	-	-	-	-	-	-	-	-	-	-	-
YADKINVILLE 6 E	28.0	-	-	-	-	-	-	-	-	-	-	-	-

HOURLY PRECIPITATION DATA NORTH CAROLINA

DECEMBER 1987
WITH ANNUAL SUPPLEMENT
VOLUME 37 NUMBER 12

A WORLD OF CLIMATIC
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ISSN 0364-6319

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.

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)

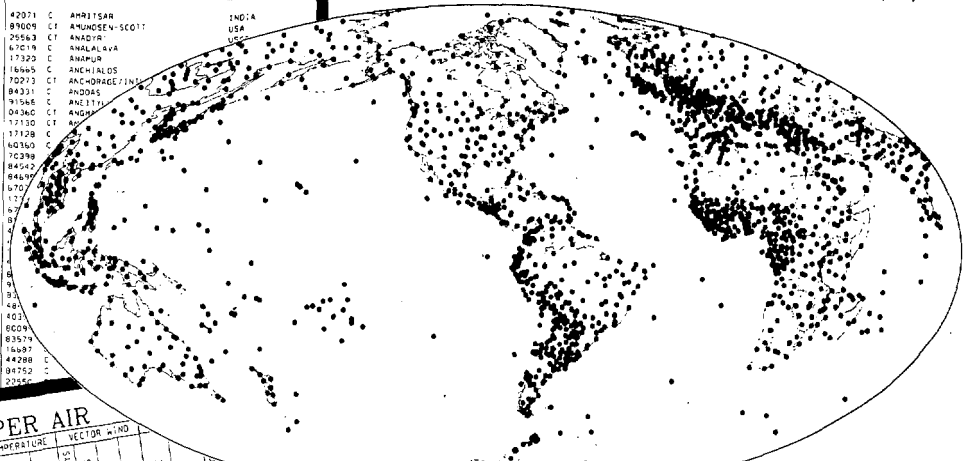
noaa

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	ISCHIA, PA, I	OPAN	42071 C	AMSTERDAM	INDIA
40831 C	ABADAN	IRAN, ISLAMIC REP	89009 C	AMUNDSEN-SCOTT	USA
47409 C	BEASHEI	JAPAN	25563 C	ANADYA	USA
71106 C	BERGSHOF, B C	CANADA	47019 C	ANALAGAYA	CHAD
84756 C	ABECHE	CHAD	17325 C	ANAPUR	CHAD
03091 C	ABUDENJOICE	U KINZON	18465 C	ANCHALOS	CHAD
41152 C	ABU	SAUDI ARABIA	70773 C	ANCHORAGE, IN	USA
65578 C	ABUJAH	SAUDI ARABIA	89331 C	ANDROS	USA
72266 C	ABUJAH, TX	SAUDI ARABIA	91566 C	ANETHI	USA
41274 C	ABU DHABI, BATEIN AIRPORT	SAUDI ARABIA	04360 C	ANGKOR	USA
62640 C	ABU DHABI, IN, AIRPORT	SAUDI ARABIA	12130 C	ANGKOR	USA
62785 C	ABU DHABI, IN, AIRPORT	SAUDI ARABIA	17128 C	ANGKOR	USA
78650 C	ACAPULCO, GRC	SAUDI ARABIA	60360 C	ANGKOR	USA
00427 C	ACAPULCO, GRC	SAUDI ARABIA	70388 C	ANGKOR	USA
17352 C	ADANA	SAUDI ARABIA	84542 C	ANGKOR	USA
63450 C	ADIS ABABA	SAUDI ARABIA	84619 C	ANGKOR	USA
44472 C	ADIS ABABA, AIRPORT	SAUDI ARABIA	84619 C	ANGKOR	USA
41467 C	ADEN, HADRAMAUT	SAUDI ARABIA	84619 C	ANGKOR	USA
65598 C	ADEN, HADRAMAUT	SAUDI ARABIA	84619 C	ANGKOR	USA
62620 C	ADEN, HADRAMAUT	SAUDI ARABIA	84619 C	ANGKOR	USA
76679 C	ADEN, HADRAMAUT	SAUDI ARABIA	84619 C	ANGKOR	USA
76644 C	ADEN, HADRAMAUT	SAUDI ARABIA	84619 C	ANGKOR	USA
76794 T	ADEN, HADRAMAUT	SAUDI ARABIA	84619 C	ANGKOR	USA
87582 C	ADEN, HADRAMAUT	SAUDI ARABIA	84619 C	ANGKOR	USA
13190 C	ADEN, HADRAMAUT	SAUDI ARABIA	84619 C	ANGKOR	USA
61024 C	ADEN, HADRAMAUT	SAUDI ARABIA	84619 C	ANGKOR	USA
60250 C	ADEN, HADRAMAUT	SAUDI ARABIA	84619 C	ANGKOR	USA
61972 C	ADEN, HADRAMAUT	SAUDI ARABIA	84619 C	ANGKOR	USA
42261 C	ADEN, HADRAMAUT	SAUDI ARABIA	84619 C	ANGKOR	USA
15072 C	ADEN, HADRAMAUT	SAUDI ARABIA	84619 C	ANGKOR	USA
42647 C	ADEN, HADRAMAUT	SAUDI ARABIA	84619 C	ANGKOR	USA
60560 C	ADEN, HADRAMAUT	SAUDI ARABIA	84619 C	ANGKOR	USA
61499 C	ADEN, HADRAMAUT	SAUDI ARABIA	84619 C	ANGKOR	USA
0776 C	ADEN, HADRAMAUT	SAUDI ARABIA	84619 C	ANGKOR	USA
31768 C	ADEN, HADRAMAUT	SAUDI ARABIA	84619 C	ANGKOR	USA
17786 C	ADEN, HADRAMAUT	SAUDI ARABIA	84619 C	ANGKOR	USA
47582 C	ADEN, HADRAMAUT	SAUDI ARABIA	84619 C	ANGKOR	USA
41573 C	ADEN, HADRAMAUT	SAUDI ARABIA	84619 C	ANGKOR	USA



NATIONAL CLIMATIC DATA CENTER



UPPER AIR									
LEVEL	TEMPERATURE	VECTOR WIND	LEVEL	TEMPERATURE	VECTOR WIND	LEVEL	TEMPERATURE	VECTOR WIND	LEVEL
DATE	TIME	STATION	DATE	TIME	STATION	DATE	TIME	STATION	DATE
01/01/88	0000	ASIA-JAPAN	01/01/88	0000	ASIA-JAPAN	01/01/88	0000	ASIA-JAPAN	01/01/88
01/01/88	0000	ASIA-JAPAN	01/01/88	0000	ASIA-JAPAN	01/01/88	0000	ASIA-JAPAN	01/01/88
01/01/88	0000	ASIA-JAPAN	01/01/88	0000	ASIA-JAPAN	01/01/88	0000	ASIA-JAPAN	01/01/88
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EUROPE-NORWAY									
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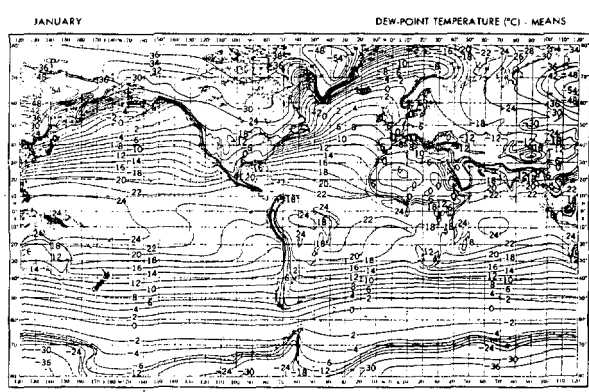
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MONTHLY CLIMATIC DATA FOR THE WORLD

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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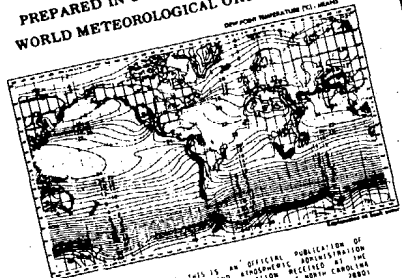
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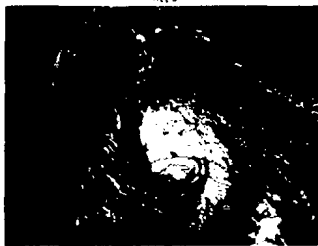


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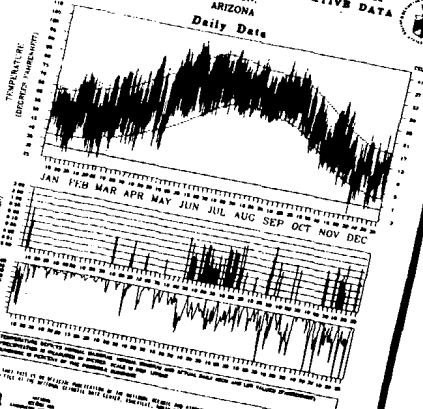
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