



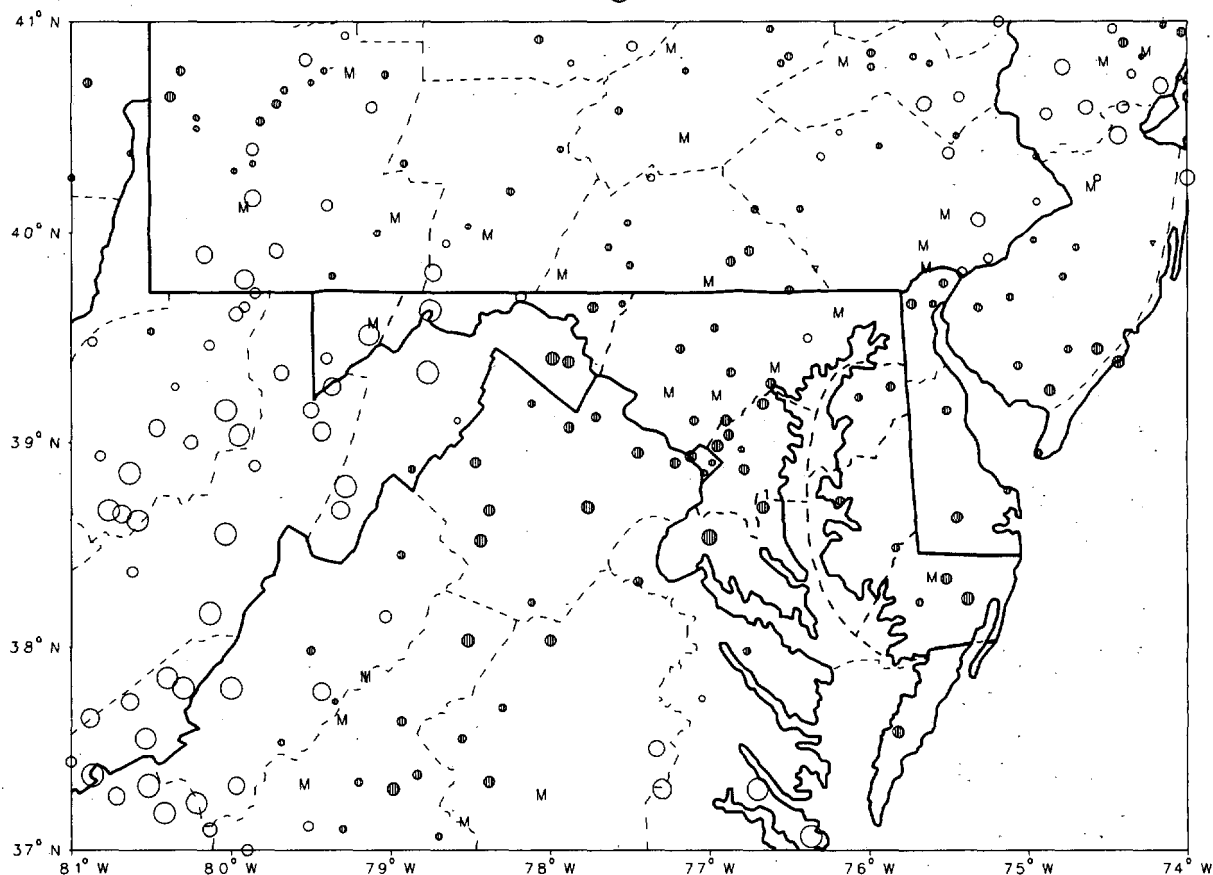
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CLIMATOLOGICAL DATA MARYLAND AND DELAWARE

SEPTEMBER 1992
VOLUME 96 NUMBER 9

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

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



CIRCLE DIAMETER IS PROPORTIONAL TO DEPARTURE ON A CONTINUOUS SCALE

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

Kenneth D. Walden

DIRECTOR, NATIONAL CLIMATIC DATA CENTER

noaa

NATIONAL
OCEANIC AND
ATMOSPHERIC ADMINISTRATION

NATIONAL
ENVIRONMENTAL SATELLITE, DATA
AND INFORMATION SERVICE

NATIONAL
CLIMATIC DATA CENTER
ASHEVILLE NORTH CAROLINA

TEMPERATURE AND PRECIPITATION EXTREMES

MARYLAND AND
DELAWARE
SEPTEMBER 1992

MARYLAND
HIGHEST TEMPERATURE 92
LOWEST TEMPERATURE 28
GREATEST TOTAL PRECIPITATION 7.63
LEAST TOTAL PRECIPITATION 1.27
GREATEST 1 DAY PRECIPITATION 3.15

SEPTEMBER 17
SEPTEMBER 30
SEPTEMBER 6

BALTIMORE CITY
OAKLAND 1 SE
MECHANICSVILLE 5 SE
CUMBERLAND 2
MECHANICSVILLE 5 SE

R

DELAWARE
HIGHEST TEMPERATURE 87
LOWEST TEMPERATURE 36
GREATEST TOTAL PRECIPITATION 5.99
LEAST TOTAL PRECIPITATION 3.85
GREATEST 1 DAY PRECIPITATION 3.17

SEPTEMBER 22+
SEPTEMBER 30
SEPTEMBER 26

4 STATIONS
NEWARK UNIVERSITY FARM
GEORGETOWN 5 SW
LEWES
DOVER

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

MARYLAND AND
DELAWARE
SEPTEMBER 1992

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	1.00 OR MORE	.50 OR MORE	.10 OR MORE	1.00 OR MORE	.50 OR MORE	.10 OR MORE
SEPTEMBER 1992																											
MARYLAND																											
SOUTHERN EASTERN SHORE 01																											
ASSATEAGUE IS NATL SEA	76.3	62.3	69.3		85	8+	47	30	23	160	0	0	0	0	5.90		2.11	26	.0	0				9	4	2	
PRINCESS ANNE	81.1	59.1	70.1	1.5	88	11+	37	30	27	185	0	0	0	0	4.85	.88	1.99	26	.0	0				7	3	2	
SALISBURY																											
SALISBURY FAA ARPT	78.1	60.2	69.2	.6	87	22+	41	30	38	172	0	0	0	0	6.68	2.74	2.74	25	.0	0				8	5	2	
SNOW HILL 4 N	80.4	61.5	71.0	2.0	89	18+	38	30	25	213	0	0	0	0	6.53	3.00	2.07	25	.0	0				8	4	2	
--DIVISIONAL DATA----->																											
CENTRAL EASTERN SHORE 02																											
ROYAL OAK 2 SSW	78.6	62.0	70.3	.0	88	22+	39	30	35	201	0	0	0	0	5.09	1.37	1.44	26	.0	0				9	5	1	
VIENNA	79.8	60.9	70.4	.5	88	9+	41	30	33	199	0	0	0	0	5.09	1.12	1.63	25	.0	0				6	4	3	
--DIVISIONAL DATA----->																											
LOWER SOUTHERN 03																											
LA PLATA 1 W	75.8	59.1	67.5	-1.3	85	22	41	30	58	138	0	0	0	0	7.55	4.11	2.95	6	.0	0				11	3	3	
MECHANICSVILLE 5 SE	75.0	58.8	66.9		84	18+	39	30	63	131	0	0	0	0	7.63		3.15	6	.0	0				10	4	3	
OWINGS FERRY LANDING	77.2	57.4	67.3	-1.5	86	9	39	30	51	129	0	0	0	0	6.35	2.83	1.83	6	.0	0				8	5	2	
--DIVISIONAL DATA----->																											
UPPER SOUTHERN 04																											
ANNAPOLIS POLICE BRKS	79.2	59.6	69.4		89	9	41	30	35	172	0	0	0	0	5.74		1.80	26	.0	0				8	3	2	
BALTIMORE WSO ARPT	77.0	58.3	67.7	-1.2	88	22+	40	30	51	139	0	0	0	0	5.96	2.50	2.47	25	.0	0				8	3	2	
BELTSVILLE	77.2	56.7	67.0	-.2	87	23+	39	30	61	129	0	0	0	0	5.61	1.90	1.45	26	.0	0				9	6	1	
COLLEGE PARK	77.8	59.5	68.7	-.5	89	10	41	30	46	166	0	0	0	0	6.08	2.52	1.78	26	.0	0				10	6	1	
DALECARLIA RESERVOIR	79.3	48.7	64.0	-5.2	88	18+	34	23	87	65	0	0	0	0	5.83	2.41	1.53	26	.0	0				9	5	2	
GLENN DALE BELL STN	78.3	56.5	67.4	-.6	87	22	35	30	52	128	0	0	0	0	5.95	.29	.66	7	.0	0				9	3	0	
LAUREL 3 W	77.0	55.6	66.3	-3.3	88	9	38	30	70	116	0	0	0	0	5.45	2.07	1.55	25	.0	0				7	4	2	
NATIONAL ARBORETUM DC	77.7	57.7	67.7	-2.4	89	10	39	30	54	140	0	0	0	0	4.14	.56	1.46	26	.0	0				8	2	1	
UPPER MARLBORO 3 NNW	76.1	57.3	66.7		86	23+	39	30	62	122	0	0	0	0	5.89	2.16	1.70	26	.0	0				8	5	1	
--DIVISIONAL DATA----->																											
NORTHERN EASTERN SHORE 05																											
CHESTERTOWN	77.3	56.8	67.1	-2.2	90	9	40	30	60	128	1	0	0	0	4.58	1.00	1.05	25	.0	0				11	3	2	
MILLINGTON 1 SE	77.4	58.0	67.7	-.3	85	18+	37	30	49	138	0	0	0	0	5.30	1.51	1.62	26	.0	0				10	4	1	
--DIVISIONAL DATA----->																											
NORTHERN CENTRAL 06																											
ABERDEEN PHILLIPS FIEL	77.0M	58.8M	67.9M		85	10+	39	30	56	150	0	0	0	0	5.21				.0	0				5	3	0	
BALTIMORE CITY	78.8	63.5	71.2	-.5	92	17	45	30	36	228	3	0	0	0	5.61	1.95	1.94	6	M	M				7	4	2	
BENSON POLICE BARRACKS	80.0	58.6	69.3	1.8	89	18	41	30	30	166	0	0	0	0	3.78	-.40	1.65	26	.0	0				8	2	1	
CATOCTIN MOUNTAIN PARK	69.9	55.6	62.8		79	22+	38	30+	116	55	0	0	0	0	5.68		1.64	11	.0	0				6	4	2	
CLARKSVILLE 3 NNE	77.6	55.1	66.4		88	17	35	30	74	121	0	0	0	0M	3.99		1.08	6	.0	0				7	3	2	
CONOWINGO DAM		M	M																M	M							
EMMITSBURG 2 SE	74.7	54.7	64.7		84	4	36	30	96	94	0	0	0	0	5.25		2.10	6	.0	0				9	4	1	
FREDERICK POLICE BRKS	77.2	58.0	67.6		86	22	42	30	57	144	0	0	0	0	4.69		1.01	23	.0	0				9	6	1	
MILLERS 4 NE	73.7	55.7	64.7		83	22+	36	30	92	89	0	0	0	0	4.88		1.24	6	.0	0				9	3	2	
ROCKVILLE 1 NE	74.2	57.5	65.9	-1.8	85	22+	41	30	78	109	0	0	0	0	4.86	1.40	1.17	6	.0	0				8	4	1	
TOWSON		M	M																M	M							
UNIONVILLE	75.8	54.0	64.9	-.4	85	22+	33	30	89	92	0	0	0	0	5.00	1.49	1.21	6	.0	0				8	5	1	
WESTMINSTER POL BRKS	77.0	57.0	67.0	-.7	91	10	40	30	67	133	1	0	0	0	4.92	1.09	1.36	6	.0	0				8	4	1	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

MARYLAND AND
DELAWARE
SEPTEMBER 1992

STATION	TEMPERATURE (°F)										PRECIPITATION (IN)													
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	HEATING DEGREE DAYS	COOLING DEGREE DAYS	NO. OF DAYS				TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	SNOW SLEET			NO. OF DAYS		
											90 OR ABOVE	32 OR BELOW	32 OR BELOW	0 OR BELOW					TOTAL	MAX. DEPTH ON GROUND	DATE	10 OR MORE	50 OR MORE	1.00 OR MORE
HOODSTOCK	76.9	55.9	66.4	-1.4	87	22+	36	30	64	114	0	0	0	0	5.56	1.56	1.68	6	.0	.0		9	5	2
--DIVISIONAL DATA-->			66.6	-1.8											5.04	1.21			.0					
APPALACHIAN MOUNTAIN 07																								
CUMBERLAND 2	76.1	52.4	64.3	-2.3	89	10	35	30+	99	86	0	0	0	0	1.27	-1.65	.28	11	.0	.0		5	0	0
FROSTBURG 2	68.3	50.4	59.4		81	9	33	30	187	25	0	0	0	0	2.90		.92	6	.0	.0		9	2	0
HAGERSTOWN	75.3	54.8	65.1	-1.7	86	23	38	30+	79	90	0	0	0	0	5.27	1.97	1.46	23	.0	.0		6	5	2
HANCOCK	75.5	52.6	64.1	-1.8	89	2	35	24	102	80	0	0	0	0	2.71	-1.51	.60	6	.0	.0		7	2	0
--DIVISIONAL DATA-->			63.2	-2.5											3.04	-1.15			.0					
ALLEGHENY PLATEAU 08																								
MC HENRY 2 NW	69.9	49.7	59.8		81	10	32	30	176	28	0	0	1	0	2.13		.49	11	.0	.0		9	0	0
OAKLAND 1 SE	71.7	49.6	60.7	-1.2	83	9	28	30	157	38	0	0	1	0	2.54	-1.57	.60	10	.0	.0		9	1	0
SAVAGE RIVER DAM	71.8	50.0	60.9	-1.1	83	11+	33	30	152	36	0	0	0	0	1.60	-1.39	.40	6	.0	.0		6	0	0
--DIVISIONAL DATA-->			60.5	-1.1											2.09	-1.07			.0					
DELAWARE																								
NORTHERN 01																								
NEWARK UNIVERSITY FARM	77.7	56.8	67.3	-1.6	87	22+	36	30	59	132	0	0	0	0	5.46	1.85	1.91	26	.0	.0		9	4	1
WILMINGTON WSO ARPT	75.9	58.7	67.3	-1.6	87	22+	33	30	57	134	0	0	0	0	4.30	.71	1.96	25	.0	.0		8	2	1
WILMINGTON PORTER RSVR	74.3	58.7	66.5	-1.4	85	18	41	30	65	116	0	0	0	0	5.16	1.35	1.76	25	.0	.0		8	5	1
--DIVISIONAL DATA-->			67.0	-1.8											4.97	1.38			.0					
SOUTHERN 02																								
DOVER	76.2	59.9	68.1	-1.5	85	18	40	30	47	147	0	0	0	0	5.86	1.72	3.17	26	.0	.0		8	3	1
GEORGETOWN 5 SW	77.9	58.9	68.4	.0	87	10+	40	30	49	155	0	0	0	0	5.99	2.48	2.65	26	.0	.0		6	3	1
GREENWOOD 2 NE	75.8	58.5	67.2		86	4	38	30	57	128	0	0	0	0	4.49		2.15	26	.0	.0		7	2	1
LEWES	77.8	63.1	70.5	2.1	87	18+	51	30	20	190	0	0	0	0	3.85	.59	1.32	26	.0	.0		8	3	1
--DIVISIONAL DATA-->			68.6	-1.1											5.05	1.38			.0					

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION (INCHES)

MARYLAND AND
DELAWARE
SEPTEMBER 1992

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	5.90					.13	1.25	.15			.25										.31	T	.01			.85	2.11	.01	.72	.11		
PRINCESS ANNE	4.85					.35	.20	.33				.25														1.17	1.99		.56			
SALISBURY	M																															
SALISBURY FAA ARPT	6.68		T	T	.18	.99	.54	.16	.03	.68	.06	.07								T		.11	.02	.05	T	2.74	T	T	1.05	T		
SNOW HILL 4 N	6.53					.32	.66	.31	.03			.22								.15				.05		2.07	.97		1.75		.00	
CENTRAL EASTERN SHORE 02																																
ROYAL OAK 2 SSW	5.09			.67			.64					.14								.08			.02	.23		.29	1.44	.13	.58	.87		
VIENNA	5.09						.37			1.10	.71				.04				*	.02						1.63	1.05	.05	.12			
LOWER SOUTHERN 03																																
LA PLATA 1 W	7.55			.19		T	2.95	.32				.29								.31		T	T	.43		.23	.24	.27	1.16	1.16		
MECHANICSVILLE 5 SE	7.63			.13		T	3.15	.32			T	.42								.26						.38	.51	.05	1.10	1.12		
OWINGS FERRY LANDING	6.35			.80			1.83	.40				.75								.10					*	.34	1.07	.03	.58	.45	.00	
UPPER SOUTHERN 04																																
ANNAPOLIS POLICE BRKS	5.74			.99			1.30	.08	.02			.31											.03	.18		.41	1.80	.05	.30	.27		
BALTIMORE WSO ARPT	5.96		.05	.46		T	1.54	.20	T		.37	.01								T		T	.50	T		2.47	.15	.18	.03			
BELTSVILLE	5.61			.64	.56	.01	.45	.54	.01	.31		.67											.01	.65		1.45	.24	.24	.07			
COLLEGE PARK	6.08			.87	.35		.65	.70	T	.17		.61											T	.54		.10	1.78	.23	.23	.08		
DALECARLIA RESERVOIR	5.83			.98			1.12	.15		.01		.48									.01			.57		.61	1.53	.23	.14			
GLENN DALE BELL STN	3.95			.49		T	.48	.66		.34		.51								T				.44		.25	.50	.25	.03			
LAUREL 3 W	5.45		.04	.65		.02	.90	.08	.05		.49	.05											1.10	.01		1.55	.27	.18	.07			
NATIONAL ARBORETUM DC	4.14			.39	.05	.02	.40	.52	.04	.01		.43									.01			.46			1.46	.04	.15	.15		
UPPER MARLBORO 3 NNW	5.89			.93	.43		.41	.75				.56									.02			.41			1.70	.06	.62			
NORTHERN EASTERN SHORE 05																																
CHESTERTOWN	4.58		.15	1.02		T	.24	.03			.60	.26								.03			.15	.07		1.05	.34	.13	.22	.29		
HILLINGTON 1 SE																																
NORTHERN CENTRAL 06																																
ABERDEEN PHILLIPS FIEL	5.21			.23	.66	*	*	*	.59	T		.78														.37	*	*	2.00	T		
BALTIMORE CITY	5.61		.06	.54			1.94	.25			.30												.51	.58		1.84	.05	.12				
BENSON POLICE BARRACKS	3.78			.08			.16	.19		.10	.01	.30											.09	.60	.02	.33	1.65	.25			T	
CATOCTIN MOUNTAIN PARK	5.68			.06		.01	1.29	.10		.85	1.64	.02								.09		*	.66	.01	.24	.65	.06					
CLARKSVILLE 3 NNE	M 3.99			.11			1.08	.08				.48												.58		.25	1.03	.35	.03			
CONOWINGO DAM	M																															
EMMITSBURG 2 SE	5.25			.05			2.10	.10		.50	.60	.25														.40	.25	.80	.20			
FREDERICK POLICE BRKS	4.69			.06	.23		.65	.10		.52	.79												.04	1.01	.55	.57	.17					
MILLERS 4 NE	4.88			.20		T	1.24	.05		.24		.86								.10			T	.48		.30	1.08	.33	T			
POTOMAC FILTER PLANT	4.24		.17	.18			.91	.05	.09		.20	.11											.52			.88	.76	.27	.10			
ROCKVILLE 1 NE	4.86		.12	.07		.17	1.17	.14	.02		.92	.02											.87			.99	.04	.28	.05			
TOWSON	M																															
UNIONVILLE	5.00			.38			1.21	.08		.24		.75											.05		.72		.51	.81	.25			
WESTMINSTER POL BRKS	4.92			.15			1.36	.07		.30		.80											.03	.65		.42	.79	.35				
WOODSTOCK, APPALACHIAN MOUNTAIN 07																																
CUMBERLAND 2	1.27			.02	.07		.15	.08		.03		.28											.20	.12		.22	.05	.05				
EDGEMONT	4.63			.05			.44	.34	.05	.85		1.30								.03			.01	.55			.91	.02	.08			
FROSTBURG 2	2.90		.01	.06	T		.92	.19	.02	.16		.42								.11			.55	.04		.20	.12	.10				
HAGERSTOWN	5.27			.06			.47	.57		.86		1.07								.01				1.46			.70	.06	.01			
HANCOCK	2.71			.05			.60	.15	.02	.24		.36								.19			.05	.40			.53	.05	.07			

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION (INCHES)

MARYLAND AND
DELAWARE
SEPTEMBER 1992

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
ALLEGHENY PLATEAU 08																																
MC HENRY 2 NW	2.13			.10	.03	T	.06		.17	.25	T	.49								.21			.14	.31			.14	.16	.07		.00	
MERRILL	1.45			.03	.02		.30	T	.06	.20	T	.40								.13			.17	.04				.10				
OAKLAND 1 SE	2.54			.12			.05		.48	.10	.60	.08								.30		.21	.12	.07		.16	.08	.17				
SAVAGE RIVER DAM	1.60			.04			.40	.03	.05	.14		.30								.08			.12	.03			.23	.15	.03		.00	
DELAWARE																																
NORTHERN 01																																
NEWARK UNIVERSITY FARM	5.46			.51	.12		.56	.26			.05	.48											T	.69		.47	1.91	.41				
WILMINGTON WSO ARPT R	4.30			.74			.38	.10	T		.26	.02							T	T		T	.32			1.96	.34	.16	.02			
WILMINGTON PORTER RSVR	5.16			.47			.49	.12	T		.65	.04							T	T		T	.54	T		1.76	.58	.50	.01		.00	
SOUTHERN 02																																
DOVER	5.86			.86	.05		.14	.43			.07	.54								.03				.20		.17	3.17		.13	.07	.00	
GEORGETOWN 5 SW	5.99			*	*	*	.96	.92				.66									.27		.40			.03	2.65		.10			
GREENWOOD 2 NE	4.49			.07			.07	.42			.31	.44								.03		T	.25			.58	2.15	.04	.13		.00	
LEWES	3.85			T		.20	.05	.34	.13			.52								.08		.03		.19		.84	1.32		.15	T	.00	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES (°F)

MARYLAND AND
DELAWARE
SEPTEMBER 1992

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	14	MAX MIN	80 62	83 60	84 69	82 71	80 70	75 67	85 66	85 66	82 65	80 70	80 65	74 53	70 55	71 57	72 58	74 61	82 64	82 69	79 69	79 63	75 65	80 68	72 51	66 62	67 58	69 58	75 60	75 63	66 56	66 47	76.3 62.3	
PRINCESS ANNE	17	MAX MIN OBS	83 58 1	84 57 1	76 54	82 58	88 66	84 60	74 68	85 63	87 65	87 68	88 69	86 64	80 60	84 58	82 54	79 57	82 59	84 63	87 64	86 57	80 56	87 69	86 55	67 46	66 56	82 58	80 54	81 63	70 57	65 37	81.1 59.1	
SALISBURY	17	MAX MIN																															M M	
SALISBURY FAA ARPT	MID	MAX MIN	80 59	82 57	85 68	87 68	81 70	72 67	76 67	87 70	86 70	87 68	78 59	74 53	75 51	75 49	79 53	82 60	84 60	87 68	79 63	77 60	80 60	87 71	71 52	63 51	70 58	77 60	82 62	72 63	67 48	62 41	78.1 60.2	
SNOW HILL 4 N	17	MAX MIN	85 68	83 55	84 68	87 67	82 70	75 68	75 66	87 69	87 67	89 69	85 65	79 52	75 48	77 52	79 54	84 61	87 61	89 70	85 71	78 63	82 63	87 72	84 61	68 52	65 59	79 60	83 58	79 61	69 58	65 38	80.4 61.5	
CENTRAL EASTERN SHORE	02																																	
ROYAL OAK 2 SSW	18	MAX MIN	80 69	82 68	85 70	86 70	83 73	73 67	82 73	86 72	80 75	87 74	80 66	72 62	76 56	77 49	80 50	82 57	86 60	88 65	81 65	79 55	82 63	88 71	79 56	66 47	60 53	74 58	79 63	73 60	67 55	64 39	78.6 62.0	
VIENNA	18	MAX OBS MIN OBS	84 61	81 61	85 69	88 69	81 70	77 67	78 65	86 68	88 71	87 72	87 65	86 53	75 51	76 50	79 52	81 61	85 65	87 68	85 65	79 54	78 60	86 70	82 56	68 48	64 56	75 53	77 67	78 63	67 41	63 35	79.8 60.9	
LOWER SOUTHERN	03																																	
LA PLATA 1 W	18	MAX MIN	78 56	79 62	82 68	83 66	80 68	77 68	76 66	82 68	84 64	84 72	80 63	72 55	72 49	73 51	77 52	78 54	80 60	83 63	80 62	74 57	78 62	85 72	81 57	62 45	57 52	70 54	74 64	72 52	62 50	60 41	75.8 59.1	
MECHANICSVILLE 5 SE	19	MAX MIN	77 55	79 59	81 68	83 66	79 66	74 68	78 67	81 68	84 78	83 72	76 66	70 52	72 47	72 48	74 49	77 50	81 58	84 63	77 64	73 58	77 62	83 70	77 56	61 46	58 54	72 56	75 62	72 56	63 53	58 39	75.0 58.8	
OWINGS FERRY LANDING	17	MAX OBS MIN OBS	80 54	81 55	81 66	83 66	82 67	76 67	80 66	83 67	86 65	84 71	82 64	74 51	72 49	73 49	76 50	80 50	84 59	84 63	81 58	76 56	80 63	85 56	82 43	65 46	60 53	72 56	74 62	73 58	65 39	63 35	77.2 57.4	
UPPER SOUTHERN	04																																	
ANNAPOLIS POLICE BRKS	18	MAX OBS MIN OBS	84 56	81 63	85 66	85 67	84 70	76 65	81 67	82 69	89 80	87 64	83 65	78 55	76 49	75 53	76 51	82 50	87 59	83 63	83 68	79 59	86 72	83 55	66 50	63 51	75 55	77 65	75 60	67 54	65 41	79.2 59.6		
BALTIMORE WSO ARPT	MID	MAX MIN	80 55	78 59	82 66	87 67	80 68	69 65	79 67	84 68	88 65	87 68	79 65	74 53	74 49	76 51	79 53	83 59	86 60	87 60	79 59	77 56	77 62	88 70	70 51	64 46	59 51	74 57	73 65	69 61	66 47	63 40	77.0 58.3	
BELTSVILLE	08	MAX OBS MIN OBS	83 52	81 58	79 63	82 65	86 66	81 66	69 65	80 65	84 63	87 66	87 63	76 52	72 47	75 48	75 48	79 52	83 56	87 58	86 66	79 53	75 60	78 65	87 54	66 41	65 45	58 51	74 56	73 63	65 55	65 39	77.2 56.7	
COLLEGE PARK	09	MAX MIN OBS	86 55	82 62	80 68	82 67	86 69	81 68	68 65	78 67	85 65	89 73	87 64	77 55	72 49	76 51	77 51	80 55	84 59	88 61	87 71	77 56	76 64	81 67	88 55	65 44	65 52	61 52	73 61	73 64	66 55	65 41	77.8 59.5	
DALECARLIA RESERVOIR	17	MAX MIN OBS	81 44 63	82 52	84 57	87 59	85 49	83 58	76 56	85 58	88 45	86 51	85 54	76 43	77 41	77 43	81 44	83 48	88 51	88 52	83 58	77 47	78 50	87 53	84 34	66 36	62 41	71 46	74 53	74 52	69 45	62 41	79.3 48.7	
GLENN DALE BELL STN	16	MAX OBS MIN OBS	82 51	81 58	80 62	82 63	86 65	78 64	73 63	80 66	86 62	84 70	84 64	80 48	76 44	74 48	78 48	80 50	86 54	84 58	82 66	80 62	84 51	87 69	86 53	65 43	63 50	76 54	72 60	72 60	65 53	64 35	78.3 56.5	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES (°F)

MARYLAND AND
DELAWARE
SEPTEMBER 1992

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	
LAUREL 3 W	MID	MAX MIN	81 56	79 59	81 63	87 65	79 64	69 60	78 66	85 61	88 61	86 54	77 47	73 58	76 58	78 47	81 51	83 54	87 59	87 61	79 58	78 62	77 52	87 67	71 50	65 40	58 50	74 47	72 60	71 45	64 38	60 38	77.0 55.6	
NATIONAL ARBORETUM DC	07	MAX MIN	85 54	82 54	81 63	84 66	86 68	81 67	68 67	79 67	85 65	89 67	87 65	79 55	73 48	75 50	77 51	80 52	82 54	87 62	87 61	79 55	76 61	78 64	88 56	66 45	65 45	58 51	72 59	73 64	65 55	65 39	77.7 57.7	
UPPER MARLBORO 3 NNW	08	MAX MIN	84 54	80 59	78 63	81 66	83 66	80 67	68 65	78 67	83 64	86 67	85 65	76 51	72 48	73 48	74 49	78 51	81 53	85 60	85 63	76 56	74 60	77 65	86 55	65 45	62 47	58 51	71 56	73 64	65 55	65 39	76.1 57.3	
NORTHERN EASTERN SHORE	05																																	
CHESTERTOWN	23	MAX MIN	81 54	80 56	84 65	85 65	78 66	69 64	80 64	85 64	90 68	87 66	79 60	72 51	76 48	78 49	81 49	84 57	87 57	87 65	78 60	78 50	77 58	87 67	68 51	64 42	60 48	74 55	74 60	70 56	66 49	60 40	77.3 56.8	
MILLINGTON 1 SE	18	MAX OBS MIN OBS	80 52	77 54	82 65	83 65	83 70	75 65	83 66	82 66	85 68	84 71	82 64	73 51	75 47	75 49	78 49	80 57	84 58	85 66	82 65	78 50	76 56	84 69	82 53	66 42	66 53	73 58	75 59	69 61	64 54	62 37	77.4 58.0	
NORTHERN CENTRAL	06																																	
ABERDEEN PHILLIPS FIEL	16	MAX MIN	82 57	75 56	80 69	82 66			81 68	85 64	85 72	84 72			73 51	78 51	79 53	83 57	84 61			76 62		84 72	84 55	66 46	62 51			66 63	64 56	63 39	77.0 58.8	
BALTIMORE CITY	MID	MAX MIN	84 66	80 67	84 71	87 74	82 70	71 66	80 68	85 72	89 72	90 72	80 64	76 58	76 58	78 60	81 61	86 64	92 69	89 69	80 67	78 60	78 67	90 74	74 52	67 46	60 54	76 58	74 67	72 64	67 50	60 45	78.8 63.5	
BENSON POLICE BARRACKS	17	MAX MIN	84 56	81 57	82 67	86 68	85 69	75 64	78 65	84 67	88 64	87 72	85 63	79 53	78 49	78 51	81 51	84 55	88 58	89 61	88 68	79 52	78 60	86 69	86 52	69 43	68 51	74 55	74 61	72 62	68 53	67 41	80.0 58.6	
CATOCTIN MOUNTAIN PARK	17	MAX MIN	74 55	70 57	73 65	76 65	75 63	71 60	68 59	77 65	75 63	79 65	71 54	67 47	65 48	67 53	72 54	75 60	76 61	77 63	73 60	67 59	78 58	79 63	67 45	57 38	56 43	62 49	62 58	69 54	63 45	54 38	69.9 55.6	
CLARKSVILLE 3 NNE	17	MAX MIN	79 48	79 55	80 64	85 61	84 63	78 64	77 64	83 63	86 60	86 65	83 62	73 48	75 42	75 45	80 44	83 58	88 53	86 53	82 64	76 47	77 59	87 71	84 52	63 41	57 44	74 54	72 61	70 61	65 51	61 35	77.6 55.1	
CONOWINGO DAM	MID	MAX MIN																															M M	
EMMITSBURG 2 SE	17	MAX MIN	78 50	76 49	77 67	84 61	81 63	75 63	71 63	82 66	82 65	83 68	82 59	70 48	70 43	72 46	75 47	79 55	81 58	82 55	78 66	71 47	72 60	83 69	82 49	60 38	59 42	66 53	73 53	72 53	67 48	59 36	74.7 54.7	
FREDERICK POLICE BRKS	17	MAX MIN	81 56	79 58	79 66	83 66	80 66	81 64	73 63	84 69	85 64	85 72	85 62	74 53	72 48	78 50	77 52	82 52	85 61	85 60	84 68	72 50	75 64	86 70	85 51	64 44	62 45	67 51	73 61	69 58	59 42	77.2 58.0		
MILLERS 4 NE	18	MAX MIN	76 56	73 52	75 66	81 65	78 64	72 61	73 63	80 66	83 61	83 70	78 60	68 50	72 44	74 47	76 51	80 55	81 59	82 58	76 63	71 47	74 59	83 68	78 49	61 38	58 44	65 52	71 60	69 57	63 49	56 36	73.7 55.7	
ROCKVILLE 1 NE	MID	MAX MIN	80 54	78 61	79 68	83 67	79 67	69 64	77 65	82 68	85 64	83 67	73 59	69 52	71 48	72 50	76 48	80 55	83 59	83 59	77 57	73 54	76 64	85 68	69 49	63 42	57 49	69 54	71 63	68 60	57 48	74.2 57.5		
TOWSON	18	MAX MIN																															M M	
UNIONVILLE	17	MAX MIN	80 48	76 52	77 66	83 63	82 63	68 64	74 64	83 63	85 61	85 67	80 60	72 46	73 41	75 44	78 46	82 51	83 54	83 53	78 59	75 45	76 61	85 70	80 49	64 38	62 42	70 53	71 63	71 54	65 47	58 33	75.8 54.0	
WESTMINSTER POL BRKS	17	MAX MIN	79 57	79 57	79 66	82 67	82 66	75 62	74 62	83 66	85 62	91 62	83 59	73 49	73 47	80 51	77 51	83 57	84 62	85 62	82 64	74 53	76 60	87 69	84 49	61 41	61 41	66 52	71 62	73 58	66 48	61 40	77.0 57.0	
WOODSTOCK	18	MAX MIN	80 51	77 56	79 65	84 64	78 65	73 63	76 63	83 65	87 61	86 69	82 61	73 50	73 45	76 45	80 47	83 52	85 55	85 56	80 66	76 49	76 59	87 70	81 51	65 41	62 47	72 52	71 59	71 51	64 36	62 36	76.9 55.9	
APPALACHIAN MOUNTAIN	07																																	
CUMBERLAND 2	18	MAX MIN OBS	80 50	77 51	81 62	84 64	80 65	75 64	74 64	87 61	85 61	89 56	73 47	73 44	75 45	78 53	81 56	85 60	83 57	80 57	77 58	74 48	73 63	73 48	71 37	64 37	61 44	68 51	78 51	76 49	71 35	58 35	76.1 52.4	
FROSTBURG 2	07	MAX MIN	71 50	70 48	70 49	73 62	75 63	70 63	63 59	67 60	81 61	78 61	80 53	64 45	64 44	66 45	70 49	74 51	78 55	76 46	74 57	65 45	67 46	69 59	73 45	55 35	55 34	50 42	59 49	70 49	70 45	51 33	68.3 50.4	
HAGERSTOWN	08	MAX OBS MIN OBS	80 54	79 54	78 56	79 65	84 64	80 63	68 63	73 66	85 64	85 64	85 59	73 50	71 47	72 49	74 50	79 55	82 58	83 60	81 61	73 50	73 55	75 62	86 49	63 38	62 39	58 47	70 57	75 56	73 50	61 38	75.3 54.8	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES (°F)

MARYLAND AND
DELAWARE
SEPTEMBER 1992

STATION	OB. TIME	MAX/MIN	DAY OF MONTH																															AVERAGE
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
HANCOCK	08	MAX MIN	79 49	89 48	78 51	80 60	83 62	80 64	68 64	73 64	86 63	84 67	87 57	72 45	70 44	72 45	76 51	78 53	83 59	84 58	80 57	71 47	71 48	81 59	82 50	63 35	64 39	55 47	67 55	75 51	72 49	61 37	75.5 52.6	
ALLEGHENY PLATEAU MC HENRY 2 NW	08	MAX MIN	71 49	71 50	75 52	71 60	79 62	71 61	70 59	75 59	80 60	81 60	80 48	63 44	67 45	72 48	75 54	77 56	77 55	75 56	69 52	64 44	71 47	72 63	69 40	55 33	55 34	51 40	75 41	67 48	69 38	50 32	69.9 49.7	
OAKLAND 1 SE	17	MAX MIN	71 44	78 43	73 61	77 60	73 62	74 63	75 60	81 60	83 59	81 59	66 49	67 42	72 40	74 45	76 49	77 51	74 53	74 49	69 54	70 37	76 53	75 59	66 41	55 34	55 42	73 46	77 58	70 45	67 42	51 28	71.7 49.6	
SAVAGE RIVER DAM	08	MAX MIN	74 49	74 46	73 46	76 61	79 61	74 63	68 62	73 62	83 61	81 60	83 53	67 43	69 42	70 42	74 49	78 54	78 55	79 53	76 54	68 44	70 43	70 57	73 46	62 35	60 36	53 44	67 51	73 49	72 46	56 33	71.8 50.0	
DELAWARE NORTHERN	01																																	
NEWARK UNIVERSITY FARM	17	MAX MIN	80 51	77 53	84 61	84 68	82 70	73 64	77 64	84 67	87 67	87 69	85 63	74 51	75 45	75 48	79 48	82 51	85 57	86 60	85 65	75 58	75 51	75 62	87 70	86 50	66 46	62 50	69 60	72 62	71 61	64 44	63 39	77.7 56.8
WILMINGTON WSO ARPT	MID	MAX MIN	79 56	76 58	83 69	85 68	77 67	69 66	78 67	82 68	85 70	86 69	78 57	74 52	75 50	75 53	77 53	82 60	85 60	87 65	77 58	77 51	75 62	87 70	70 50	64 46	62 50	70 60	73 62	68 61	64 44	58 39	75.9 58.7	
WILMINGTON PORTER RSVR	MID	MAX MIN	77 56	75 60	80 69	84 70	75 67	68 64	75 65	82 68	84 69	84 68	75 59	70 53	73 50	74 53	77 55	80 60	84 60	85 67	76 59	74 54	75 60	84 68	69 49	63 43	58 49	67 59	71 59	69 62	64 46	56 41	74.3 58.7	
SOUTHERN	02																																	
DOVER	17	MAX MIN	79 57	77 56	82 66	82 67	82 69	75 67	77 66	81 62	80 70	84 71	83 67	75 51	71 52	70 52	74 52	79 58	83 62	85 70	83 66	72 56	70 60	83 70	82 56	65 46	61 54	74 58	76 60	74 63	64 53	64 40	76.2 59.9	
GEORGETOWN 5 SW	08	MAX MIN	80 58	85 57	80 62	85 63	87 65	83 65	70 65	84 68	86 69	87 71	85 65	70 52	72 48	70 47	73 50	81 57	84 66	85 65	86 64	79 56	75 57	76 66	85 59	67 49	63 51	69 56	80 58	77 60	69 57	65 40	77.9 58.9	
GREENWOOD 2 NE	18	MAX MIN OBS	78 54	78 55	82 66	86 65	73 69	73 65	76 65	82 68	85 68	83 70	77 65	73 51	71 46	74 47	76 49	79 55	83 57	84 64	83 68	74 54	77 57	84 70	77 54	60 48	61 54	74 58	77 60	72 61	64 53	58 38	75.8 58.5	
LEWES	17	MAX MIN	82 63	78 62	85 71	82 70	81 70	71 68	75 68	84 68	84 71	87 73	83 67	75 60	72 53	73 52	72 55	79 57	85 63	87 69	84 67	74 62	74 65	86 70	81 58	67 54	64 59	76 60	81 63	77 64	67 59	67 51	77.8 63.1	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

EVAPORATION AND WIND

MARYLAND AND
DELAWARE
SEPTEMBER 1992

STATION		DAY OF MONTH																															SEPTEMBER 1992	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																																		
UPPER SOUTHERN 04																																		
BELTSVILLE	WIND	6	5	33	24	5	21	9	0	3	1	28	13	2	0	1	0	1	2	30	6	2	7	32	23	21	47	0	1	9	45	377		
	EVAP	18	15	11	8	14	13	2	3	15	14	19	22	16	11	13	12	11	14	21	10	1	3	17	19	15	5	11	0	2	22	3.57		
	MAX	88	87	79	80	90	90	-	-	88	92	90	86	84	83	87	87	87	88	86	79	83	80	91	78	71	56	78	72	69	72	82.2		
	MIN	58	59	63	69	70	68	-	-	69	69	65	46	56	57	56	55	59	63	65	60	61	64	55	47	46	50	56	64	55	46	59.0		
UPPER MARLBORO 3 NNW																																		
	WIND	-	4	4	21	2	5	1	1	2	2	29	3	3	3	4	4	6	6	10	6	6	1	25	16	18	28	13	17	20	28	2988		
	EVAP	-	17	10	10	1	20	1	4	16	26	7	12	15	14	18	14	15	11	18	20	11	3	19	9	8	49	8	4	5	18	3.968		
	MAX	78	78	75	76	79	77	73	76	78	81	81	78	75	74	74	76	76	77	77	75	75	75	79	72	69	63	69	70	69	68	74.8		
	MIN	68	68	70	71	72	73	72	72	73	73	73	67	64	64	64	64	65	67	68	68	68	69	69	62	62	61	62	67	64	58	67.3		
ALLEGHENY PLATEAU 08																																		
SAVAGE RIVER DAM																																		
	WIND	33	30	12	12	8	25	20	16	14	15	24	37	22	19	14	18	19	18	19	31	20	17	47	25	31	14	17	19	35	67	698		
	EVAP	19	27	4	14	-	4	-	14	12	8	13	17	14	8	10	12	12	9	4	4	16	-	8	12	7	9	2	5	15	14	3.268		
	MAX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	M		
	MIN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	M		
DELAWARE																																		
NORTHERN 01																																		
NEWARK UNIVERSITY FARM																																		
	WIND	16	18	18	10	48	76	37	11	12	15	32	38	14	10	10	13	14	10	26	20	22	21	57	54	52	89	7	12	55	39	856		
	EVAP	22	30	7	24	23	11	10	13	21	18	29	20	19	16	16	17	18	15	13	17	6	12	27	21	-	-	-	20	20	30	5.508		
	MAX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	M		
	MIN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	M		

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
SEPTEMBER 1992

STATION	INDEX NO.	DIVISION	COUNTY	LATITUDE	LONGITUDE	ELEVATION (IN FEET)	OBSERVATION TIME AND TABLES				OBSERVER
							LOCAL STD TIME				
							TEMP	PRECIP	EVAP	SPECIAL 1 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	18	07		H	ANNAPOLIS POLICE BARRACK
ASSATEAGUE IS NATL SEA	033501		WORCESTER	38 14	75 8W	10	14	07		H	NATIONAL PARK SERVICE
BALTIMORE WSO ARPT	046504		ANNE ARUNDEL	39 11	76 40W	148	MID	MID		C H J	NATL WEATHER SERVICE
BALTIMORE CITY	047006		BALTIMORE CI	39 17	76 37W	14	MID	MID		C	NATIONAL WEATHER SERVICE
BELTSVILLE	070004		PRINCE GEORG	39 2	76 53W	120	08	08	08	C H	USDA CHEM & BIOPHYS LAB
BENSON POLICE BARRACKS	073206		HARFORD	39 30	76 23W	365	17	17		C 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	UNIV OF MD AGRONOMY DEPT
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	228207		ALLEGANY	39 38	78 45W	730	18	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
EDGEMONT	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	334806		FREDERICK	39 25	77 26W	380	17	17		H	MARYLAND STATE POLICE
FROSTBURG 2	341507		ALLEGANY	39 40	78 56W	2170	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	HAGERSTOWN RESERVOIR
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	C RUSSELL LEVERING
LAUREL 3 W	511104		PRINCE GEORG	39 6	76 54W	400	MID	MID		C H	WA SUBURBAN SANITARY COM
MC HENRY 2 NW	583208		GARRETT	39 35	79 22W	2680	08	08		C H	JOSEPH F JOHENNING
MECHANICSVILLE 5 SE	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 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	2420	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	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 SWAINE 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	08	C H	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	07		C	RICHARD GETZANDANNER
UPPER MARLBORO 3 NNW	907004		PRINCE GEORG	38 52	76 47W	100	08	08	08	C H	UNIVERSITY OF MARYLAND
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 DIV OF HIGHWAYS
GEORGETOWN 5 SW	357002		SUSSEX	38 38	75 27W	45	08	08	08	C H	UNIV OF DEL SUBSTATION
GREENWOOD 2 NE	359502		SUSSEX	38 50	75 35W	45	18	18		H	DANIEL M SWARTZENTRUBER
LEWES	532002		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 H	UNIV OF DEL AGRIC FARM
WILMINGTON WSO ARPT	R959501		NEW CASTLE	39 40	75 36W	79	MID	MID		C H J	NATL WEATHER SERVICE

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

MARYLAND AND
DELAWARE
SEPTEMBER 1992

STATION INDEX												SEPTEMBER 1992
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	274	MID	MID		H	WATER DEPARTMENT	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

REFERENCE NOTES

MARYLAND AND
DELAWARE
SEPTEMBER 1992

DEFINITIONS

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

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

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

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

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

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

WIND: (As shown in "Evaporation and Wind" table) The total wind movement in miles over the evaporation pan as determined by an anemometer recorder located 6-8 inches above the pan.

SYMBOLS AND LETTERS USED IN THE STATION INDEX TABLE

- # Thermometers located in a rooftop shelter.
- // Rain Gage equipped with a windshield.
- AR Observation made "after rain" has occurred.
- C Station is equipped with recording rain gage (R) but values in this bulletin are from a non-recording rain gage unless indicated by an R.
- G Observations appear in "Soil Temperatures" table.
- H Observations appear in "Snowfall and Snow on Ground" table.
- J Station also published as a Local Climatological Data publication.
- MID Observation time is midnight.
- MO Rain gage read once monthly, usually the last day.
- OC Rain gage readings vary from a few weeks to several months.
- R Amounts from recording rain gage.
- SR Observation time near sunrise.
- SS Observation time near sunset.
- VAR Observation time varies.
- WI Rain gage read weekly or irregularly.
- WM Rain gage read weekly and last day of month.

SYMBOLS AND LETTERS USED IN THE DATA TABLES

(DAILY DATA ARE FOR THE 24 HOURS IMMEDIATELY PRECEDING OBSERVATION TIME.)

BLANK entries in the "Monthly Summarized Data" table indicate no record. BLANK entries in the "Daily Precipitation" and "Snowfall and Snow on Ground" tables indicate zero.

BLANK entries in the "Daily Temperature" table indicate a missing record where an edited value could not be determined. (See *** below)

- No record. Data not recorded, determined unreliable by quality control checks, or not received in time for publication.

+ Precipitation or temperature extremes occurred on one or more previous dates during the month.

*** Missing original temperature which has been estimated during edit.

* Rain gage not read. Precipitation is included in the amount following the asterisks. Time distribution not known. A * preceding the monthly total indicates precipitation amount is being carried forward to next months total, and may include amounts from the previous month(s).

// Rain gage equipped with a windshield.

A Amount of precipitation is the total of observer's entries for the current month. It may include precipitation that occurred during the previous month. Refer to earlier bulletin to determine date of last reading. (HAWAII stations)

B Adjusted monthly value (estimated), (1-7 missing values for wind and evaporation).

M Insufficient or partial data. M is appended to average and/or total values computed with 1-9 daily values missing. M appears alone if 10 or more daily values are missing, (8 or more for wind and evaporation).

R Amounts from recording rain gage.

T Trace. An amount too small to measure.

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

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

The graphic displays appearing in this publication were first produced for the January 1987 data month. The types of graphs and the information they portray may vary from month to month and from state to state in order to highlight climatic features of state, regional, and seasonal interest. Some graphs present information for "clusters". A cluster is a group of up to four (4) adjacent divisions that comprise an area of similar climate.

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

SUBSCRIPTION, PRICE AND ORDERING INFORMATION AVAILABLE FROM:

NATIONAL CLIMATIC DATA CENTER
FEDERAL BUILDING
ASHEVILLE, NC 28801-2696

USCOMM-NOAA-ASHEVILLE, N.C. SEPTEMBER 1992-0585

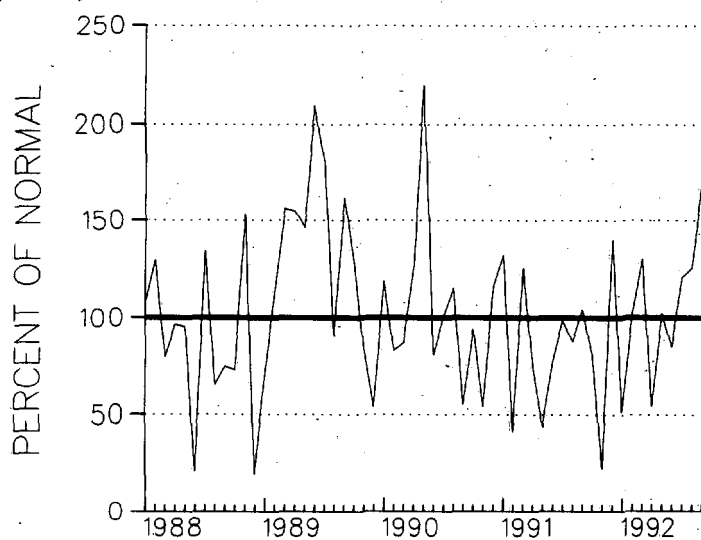
PRECIPITATION DEPARTURES FROM NORMAL (1951-1980)
FOR THE 57 MONTHS
ENDING SEPTEMBER 1992
MARYLAND

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

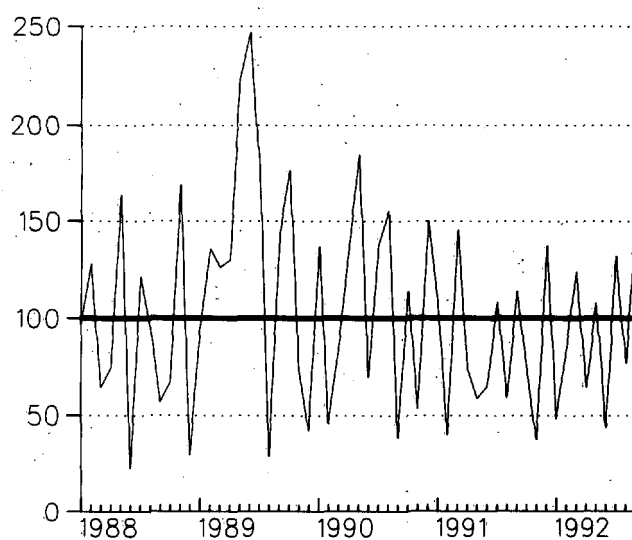
CLUSTER 3 -DIVISION(S):
NORTHERN CENTRAL 06
APPALACHIAN MOUNTAIN 07

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

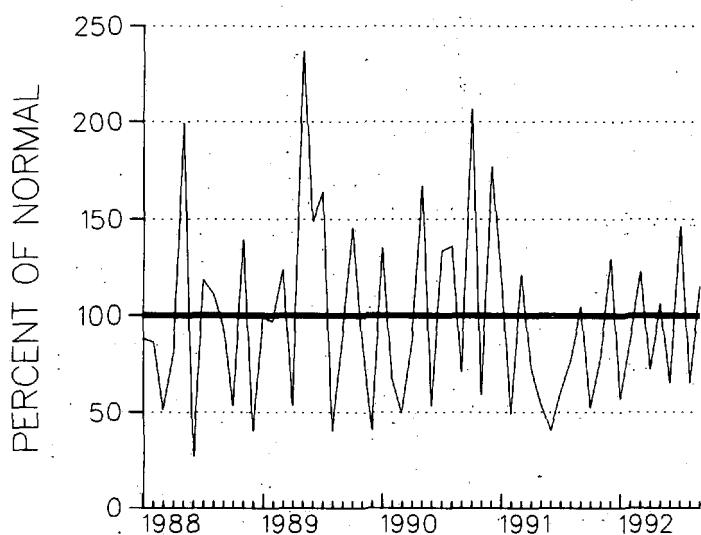
CLUSTER 4 -DIVISION(S):
ALLEGHENY PLATEAU 08



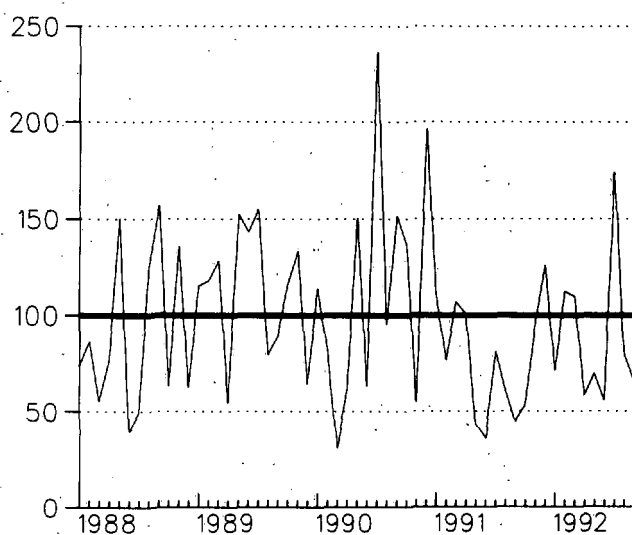
CLUSTER 1



CLUSTER 2



CLUSTER 3

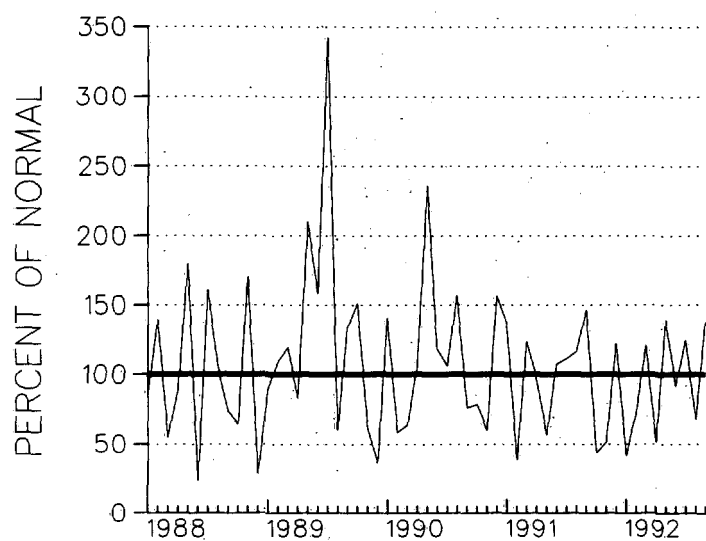


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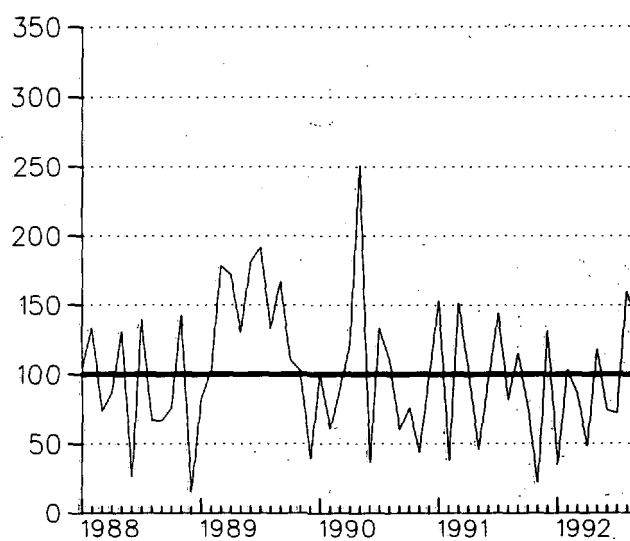
PRECIPITATION DEPARTURES FROM NORMAL (1951-1980)
FOR THE 57 MONTHS
ENDING SEPTEMBER 1992
DELAWARE

CLUSTER 1 -DIVISION(S):
NORTHERN 01

CLUSTER 2 -DIVISION(S):
SOUTHERN 02



CLUSTER 1



CLUSTER 2

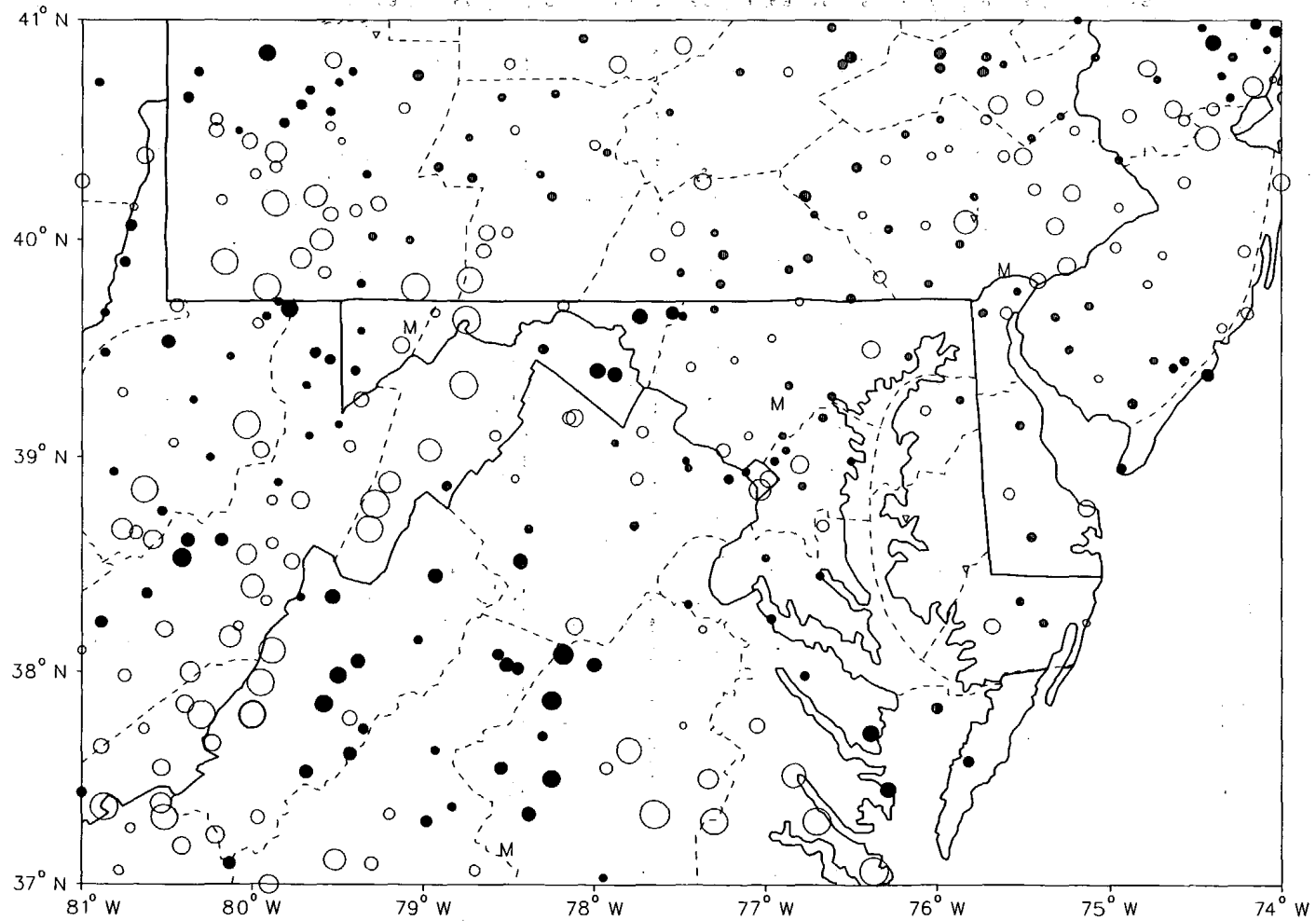
MONTHLY PRECIPITATION DEPARTURE FROM
THE DIVISIONAL AVERAGE FOR
SEPTEMBER 1992
MARYLAND & DELAWARE

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

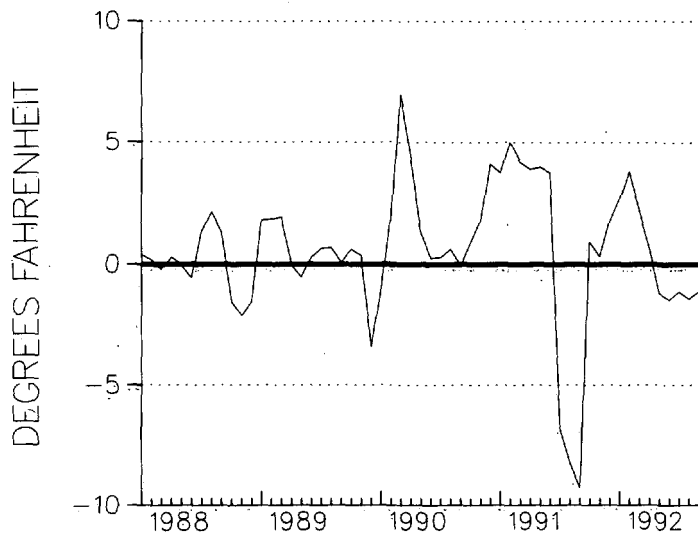


CIRCLE DIAMETER IS PROPORTIONAL TO DEPARTURE ON A CONTINUOUS SCALE

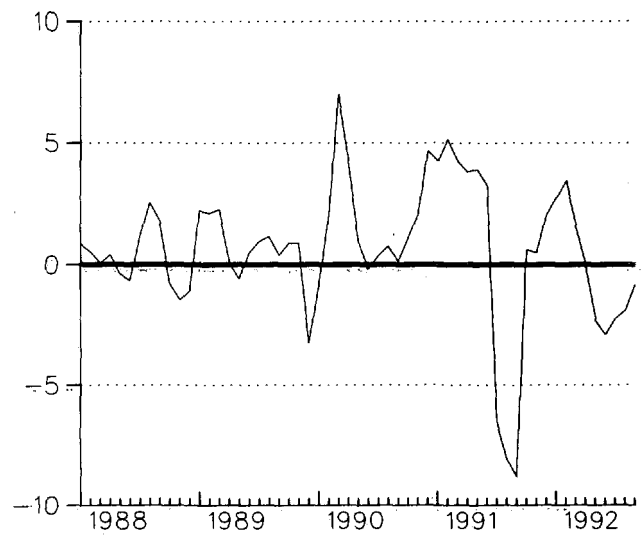
TEMPERATURE DEPARTURES FROM NORMAL (1951-1980)
THREE MONTH RUNNING MEAN
FOR THE 57 MONTHS ENDING WITH SEPTEMBER 1992 DATA
DELAWARE

CLUSTER 1 -DIVISION(S):
NORTHERN 01

CLUSTER 2 -DIVISION(S):
SOUTHERN 02



CLUSTER 1



CLUSTER 2

TEMPERATURE DEPARTURES FROM NORMAL (1951-1980)
THREE MONTH RUNNING MEAN
FOR THE 57 MONTHS ENDING WITH SEPTEMBER 1992 DATA
MARYLAND

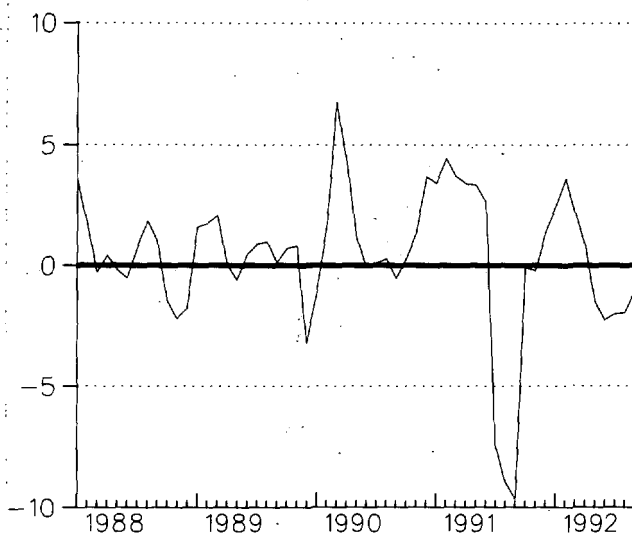
CLUSTER 1 -DIVISION(S):
SOUTHERN EASTERN SHORE 01
CENTRAL EASTERN SHORE 02
LOWER SOUTHERN 03

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

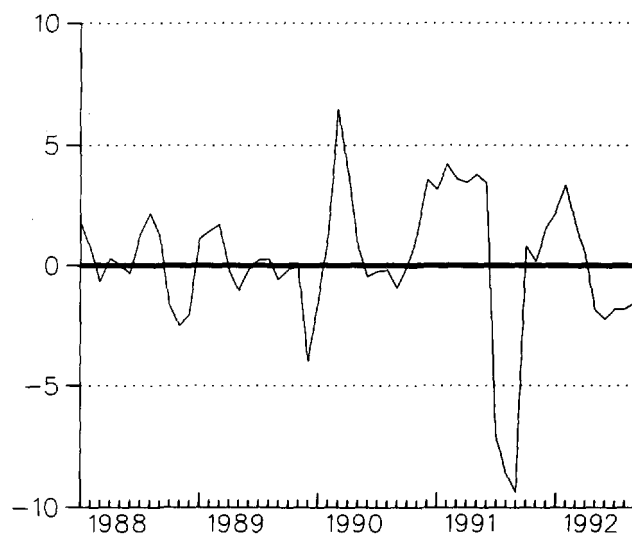
CLUSTER 3 -DIVISION(S):
NORTHERN CENTRAL 06
APPALACHIAN MOUNTAIN 07

CLUSTER 4 -DIVISION(S):
ALLEGHENY PLATEAU 08

DEGREES FAHRENHEIT

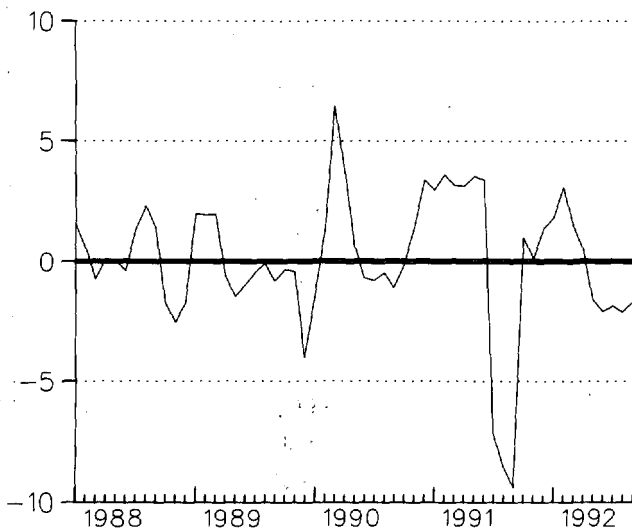


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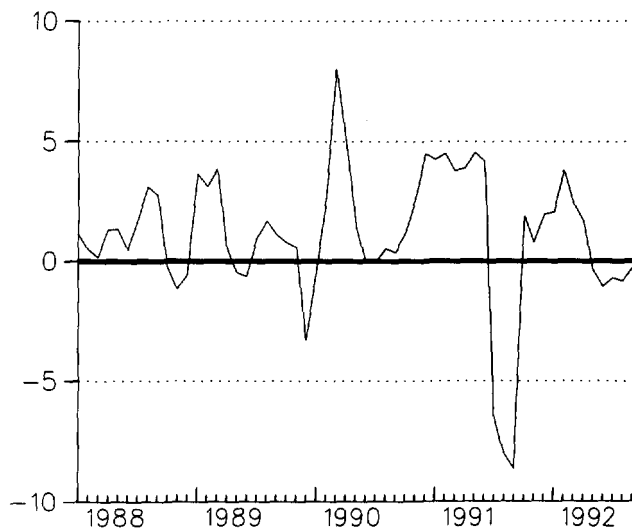


CLUSTER 2

DEGREES FAHRENHEIT



CLUSTER 3

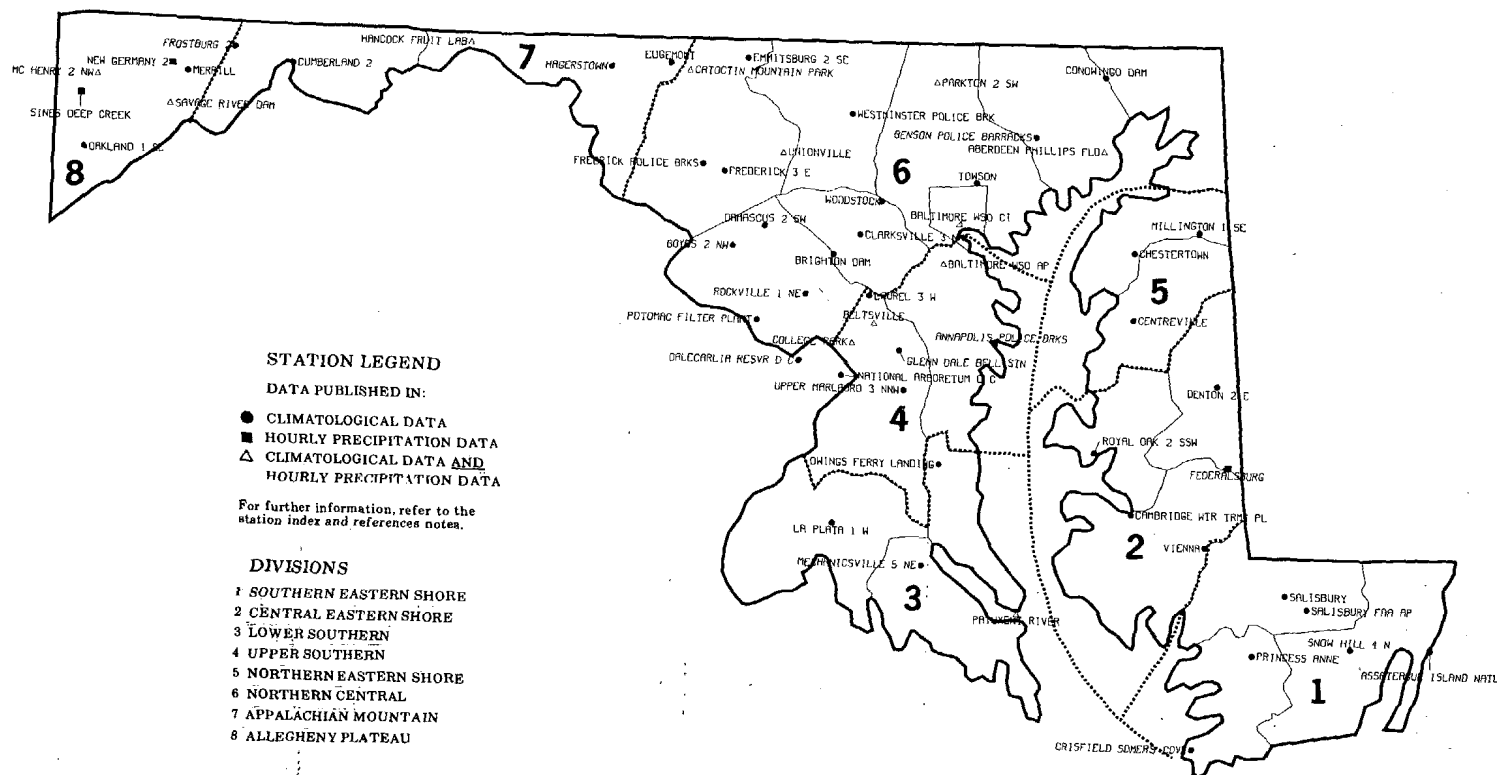
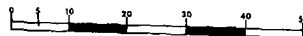


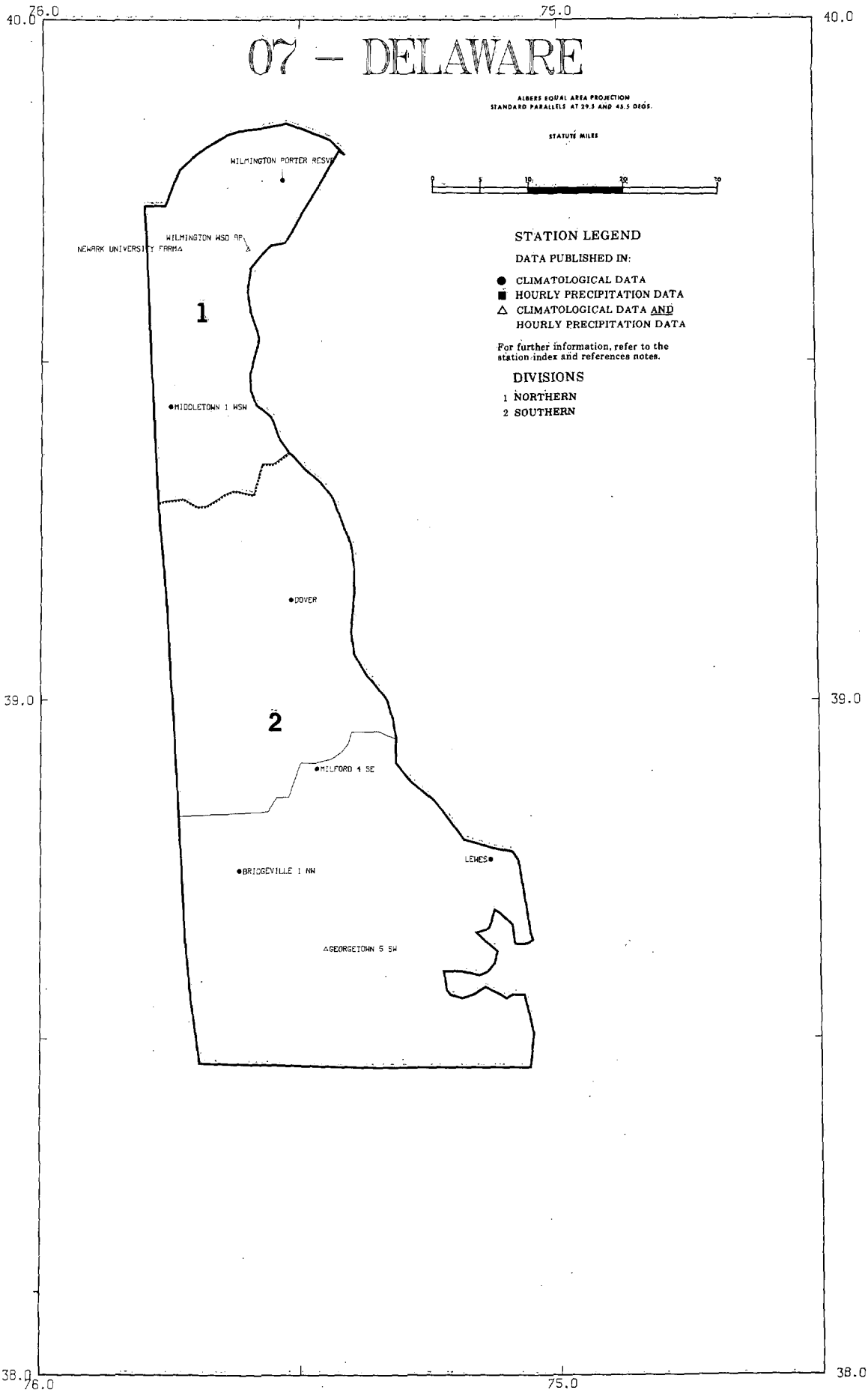
CLUSTER 4

18 - MARYLAND & D.C.

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

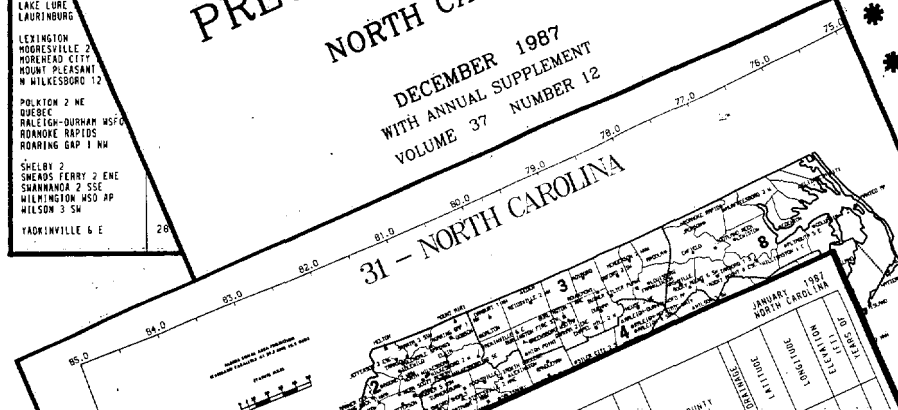
STATUTE MILES





HOURLY
PRECIPITATION DATA
NORTH CAROLINA
PER 1987
LEMENT

- * Attorneys
- * Colleges & Universities
- * Construction
- * Consultants
- * Governmental Agencies
- * Industry
- * Insurance Companies
- * Public Utilities
- * Research & Development
- * Energy

[illegible]

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.

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ASHEVILLE, NORTH CAROLINA

41245 C	ISOMARI HAJIS	OMAN	42071 C	AMRITSAR	INDIA
40831 C	ABASHIRI	JAPAN, ISLAND REP	89009 CT	SHUNDEN-SCOTT	USA
47409 C	ABASHIRI	JAPAN	25553 CT	ANICOTY	USA
71108 C	ABASHIRI, B. C.	CANADA	67019 C	ANALA, ARA	USA
64750 C	ABCHEN	CHAD	17320 C	ANAPUR	USA
03091 C	ABERDEEN/DYCE	U. KINGDOM	18465 C	ANCHALDS	USA
41112 C	ABNA	SAUDI ARABIA	70273 CT	ANCHORAGE/INTL	USA
65579 CT	ABRICAN	COTE D'IVOIRE	84331 C	ANDAR	USA
72266 C	ABILENE, TX	USA	91568 C	ANICOTY	USA
41216 C	ABU DHABI BATEEN AIRPORT	U. ARAB EMIRATES	04360 CT	ANGUILLA	USA
41217 CT	ABU DHABI INTL AIRPORT	U. ARAB EMIRATES	17130 CT	ANGUILLA	USA
62640 C	ABU HAMED	SUDAN	17128 C	ANGUILLA	USA
62795 C	ABU NAAMA	SUDAN	60360 C	ANGUILLA	USA
78650 C	ACAJUJA	EL SALVADOR	70398	ANGUILLA	USA
78805 C	ACAPULCO, GRO.	MEXICO	84540	ANGUILLA	USA
80421 C	ACARIGUA	VENEZUELA	84540	ANGUILLA	USA
12382 CT	ADANA	TURKEY	670	ANGUILLA	USA
67450 CT	ADAMS ABABA	ETHIOPIA	670	ANGUILLA	USA
94677 CT	ADELAIDE AIRPORT	AUSTRALIA	670	ANGUILLA	USA
41467 C	ADEN KHARAKSAR	YEMEN	670	ANGUILLA	USA
85589 C	ADIRONDACK	USA	670	ANGUILLA	USA
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60750 C	AGADIR	MOROCCO	670	ANGUILLA	USA
61974 C	AGADIR	MOROCCO	670	ANGUILLA	USA
42261 C	AGRA	INDIA	670	ANGUILLA	USA
16672 C	AGRIKON (AIRPORT)	GREECE	670	ANGUILLA	USA
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37168 C	AGRIKON (AIRPORT)	GREECE	670	ANGUILLA	USA
77104 C	AGRIKON (AIRPORT)	GREECE	670	ANGUILLA	USA
47902 CT	AGRIKON (AIRPORT)	GREECE	670	ANGUILLA	USA
61837 CT	AGRIKON (AIRPORT)	GREECE	670	ANGUILLA	USA

UPPER AIR

STATION	LEVEL	TEMPERATURE	VECTOR WIND	LEVEL	TEMPERATURE	VECTOR WIND
ASIA-JAPAN	ASIA-JAPAN	ASIA-JAPAN	ASIA-JAPAN	ASIA-JAPAN	ASIA-JAPAN	ASIA-JAPAN
1000	1000	1000	1000	1000	1000	1000
900	900	900	900	900	900	900
800	800	800	800	800	800	800
700	700	700	700	700	700	700
600	600	600	600	600	600	600
500	500	500	500	500	500	500
400	400	400	400	400	400	400
300	300	300	300	300	300	300
200	200	200	200	200	200	200
100	100	100	100	100	100	100
000	000	000	000	000	000	000

EUROPE-NORWAY

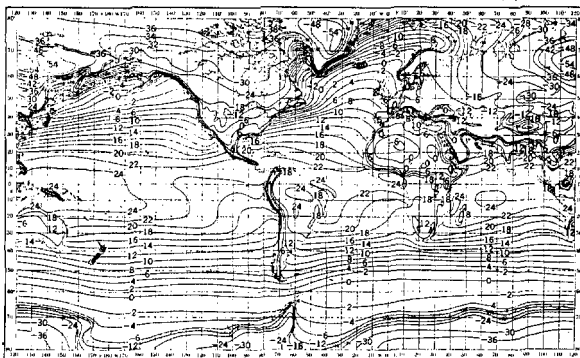
STATION	LEVEL	TEMPERATURE	VECTOR WIND	LEVEL	TEMPERATURE	VECTOR WIND
EUROPE-NORWAY	EUROPE-NORWAY	EUROPE-NORWAY	EUROPE-NORWAY	EUROPE-NORWAY	EUROPE-NORWAY	EUROPE-NORWAY
1000	1000	1000	1000	1000	1000	1000
900	900	900	900	900	900	900
800	800	800	800	800	800	800
700	700	700	700	700	700	700
600	600	600	600	600	600	600
500	500	500	500	500	500	500
400	400	400	400	400	400	400
300	300	300	300	300	300	300
200	200	200	200	200	200	200
100	100	100	100	100	100	100
000	000	000	000	000	000	000

JANUARY 1988
VOL 41 NO 1

ISSN 0027-0296

MONTHLY CLIMATIC
DATA FOR THE WORLDPREPARED IN COOPERATION WITH THE
WORLD METEOROLOGICAL ORGANIZATION

JANUARY DEW-POINT TEMPERATURE [°C] - MEANS



I CERTIFY THAT THIS IS AN OFFICIAL PUBLICATION OF THE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION AND
IS COMPILED FROM INFORMATION RECEIVED AT THE NATIONAL
CLIMATIC DATA CENTER, ASHEVILLE, NORTH CAROLINA.
28801

Kenneth D. Holsen
DIRECTOR
NATIONAL CLIMATIC DATA CENTER

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

For further information,
call or write to the

NATIONAL CLIMATIC DATA CENTER

37 Battery Park Avenue, Asheville, NC 28801-2696
Phone (704) 259-0682 or (704) CLIMATE

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.

A WORLD OF INFORMATION

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- * **Research and Development**
- * **Public Utilities**
- * **Government Agencies**
- * **Attorneys**
- * **Construction**
- * **Consultants**
- * **Insurance Companies**
- * **Colleges and Universities**
- * **Energy**

For,

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- * Public Utilities
- * Government Agencies
- * Attorneys
- * Construction
- * Consultants
- * Insurance Companies
- * Colleges and Universities
- * Energy

DECEMBER
WITH ANNUAL SUPPLEMENT

VOLUME 35 NUMBER



23 85 55 22

LOCAL CLIMATOLOGICAL DATA

Monthly Summary

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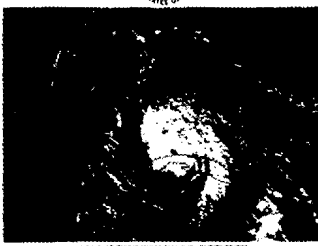
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