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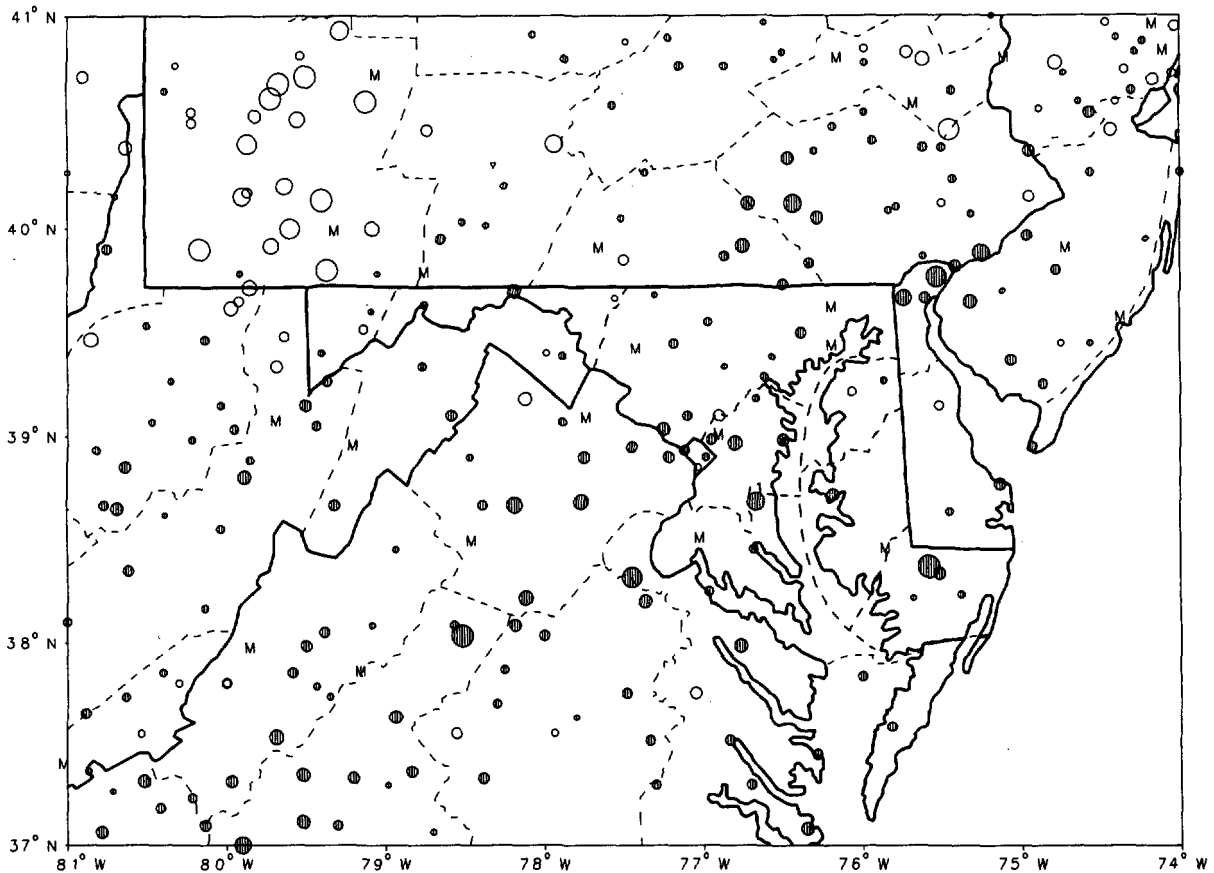
CLIMATOLOGICAL DATA MARYLAND AND DELAWARE

JULY 1994

VOLUME 98 NUMBER 7

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

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



CIRCLE DIAMETER IS PROPORTIONAL TO DEPARTURE ON A CONTINUOUS SCALE

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Kenneth D. Haden

DIRECTOR, NATIONAL CLIMATIC DATA CENTER

noaa

NATIONAL
OCEANIC AND
ATMOSPHERIC ADMINISTRATION

NATIONAL
ENVIRONMENTAL SATELLITE, DATA
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NATIONAL
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ASHEVILLE NORTH CAROLINA

TEMPERATURE AND PRECIPITATION EXTREMES

MARYLAND AND
DELAWARE
JULY 1994

MARYLAND
 HIGHEST TEMPERATURE 106
 LOWEST TEMPERATURE 48
 GREATEST TOTAL PRECIPITATION 13.74
 LEAST TOTAL PRECIPITATION 3.15
 GREATEST 1 DAY PRECIPITATION 5.85

JULY 13
 JULY 12

CONOWINGO DAM
 OAKLAND 1 SE
 SALISBURY
 FROSTBURG 2
 SALISBURY

JULY 29

DELAWARE
 HIGHEST TEMPERATURE 99
 LOWEST TEMPERATURE 53
 GREATEST TOTAL PRECIPITATION 12.27
 LEAST TOTAL PRECIPITATION 3.67
 GREATEST 1 DAY PRECIPITATION 3.67

JULY 9
 JULY 11

GEORGETOWN 5 SW
 GEORGETOWN 5 SW
 WILMINGTON PORTER RSVR
 DOVER
 WILMINGTON PORTER RSVR

JULY 14

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

MARYLAND AND
DELAWARE
JULY 1994

STATION	TEMPERATURE (°F)											PRECIPITATION (IN)										
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	HEATING DEGREE DAYS	COOLING DEGREE DAYS	NO. OF DAYS			TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	SNOW SLEET				
											90 OR ABOVE	32 OR BELOW	0 OR BELOW					TOTAL	MAX DEPTH ON GROUND	DATE	1.00 OR MORE	.50 OR MORE
MARYLAND																						
SOUTHERN EASTERN SHORE 01																						
ASSATEAGUE IS NATL SEA	81.3	68.6	75.0		94	9	66.2	1	0	317	2	0	0	4.54		3.05	16					
PRINCESS ANNE	89.3	69.8	77.8	1.4	95	9	56.2	1	0	405	16	0	0	4.15		1.28	18					
SALISBURY	90.0	72.3	80.7	3.8	94	9	66.4	2	0	492	16	0	0	13.74	9.15	5.85	29					
SALISBURY FAA ARPT	90.4	70.8	80.6	3.9	96	14+	66.1	2	0	488	20	0	0	7.55	9.22	4.19	18					
SNOW HILL 4 N	90.1	70.3	80.2	4.4	98	9	59.1	2	0	478	15	0	0	5.09	9.99	1.70	27					
--DIVISIONAL DATA----->																						
CENTRAL EASTERN SHORE 02																						
ROYAL OAK 2 SSW	87.1	72.0	79.6	2.1	92	9	64.1	2	0	458	6	0	0	7.05		2.69	17					
VIENNA	90.8	70.9	80.9	3.1	96	9	64.1	2	0	496	19	0	0	3.05		.91	17					
--DIVISIONAL DATA----->																						
LOWER SOUTHERN 03																						
MECHANICSVILLE 5 NE	86.5	69.5	78.0	1.8	92	9+	63.1	2	0	413	7	0	0	5.90	1.68	1.65	3					
OWINGS FERRY LANDING	87.5	69.3	78.4	2.3	93	9+	63.2	2	0	424	9	0	0	9.26	5.53	4.31	28					
--DIVISIONAL DATA----->																						
UPPER SOUTHERN 04																						
ANNAPOLIS POLICE BRKS	89.3	72.4	80.9	3.3	98	9+	68.1	2+	0	495	16	0	0	6.17	2.59	1.93	26					
BALTIMORE WSO ARPT	89.1	71.1	80.1	3.1	98	8	64.1	2	0	476	13	0	0	4.54	.85	1.31	27					
COLLEGE PARK	89.9	71.7	80.8	3.4	99	9	64.1	2	0	498	16	0	0	6.15	2.15	1.24	18					
DALECARLIA RESERVOIR	90.1				96	10+			0		16			5.86	1.97	1.12	26					
GLENN DALE BELL STN	91.5	68.9	80.2	4.7	98	8+	59.1	1	0	478	24	0	0	8.48	4.32	3.26	28					
LAUREL 3 W	90.5	69.5	80.0	3.0	98	9+	63.2	0	0	471	17	0	0	3.24	1.74	.93	28+					
NATIONAL ARBORETUM DC	89.7	69.8	79.8	2.8	97	9	59.3	3	0	466	16	0	0	5.59	1.21	1.17	28					
--DIVISIONAL DATA----->																						
NORTHERN EASTERN SHORE 05																						
CHESTERTOWN	90.1	68.5	79.3	2.5	97	9+	61.1	2	0	452	18	0	0	3.37	1.33	.83	14					
MILLINGTON 1 SE														4.26	.47	1.81	28					
--DIVISIONAL DATA----->																						
NORTHERN CENTRAL 06																						
ABERDEEN PHILLIPS FIEL					93	8+	61.1	2	0		9	0	0	10.09								
BALTIMORE CITY	90.8	73.3	82.1	1.7	102	8	67.2	8	0	537	16	0	0	4.89								
BENSON POLICE BARRACKS	90.6	69.8	80.2	4.6	97	9+	61.1	2	0	477	18	0	0	7.37	2.79	1.08	14					
CATOCTIN MOUNTAIN PARK	80.9	66.2	73.6		88	8+	56.1	1	0	273	0	0	0	4.27		.80	16					
CONOWINGO DAM	92.5	68.7	80.6	5.5	106	13	60.0	12	0	488	25	0	0	2.44								
DAMASCUS 2 SSW	85.3	65.9	75.6		93	6	57.1	10	0	335	5	0	0	5.79								
EMMITSBURG 2 SE	89.5	63.7	73.6	-.5	91	6	59.1	2	0	273	5	0	0	3.36		2.40	27					
FREDERICK POLICE BRKS	89.7	69.3	79.5		98	9+	62.2	8+	0	455	15	0	0	4.90	.12	1.14	7					
FREDERICK GAS PLANT																						
MILLERS 4 NE	84.7	66.8	75.8		92	6	57.1	2	0	338	3	0	0	4.41		1.01	28					
ROCKVILLE 1 NE	87.4	69.6	78.5	3.8	95	8	61.1	2	0	424	9	0	0	5.61	1.90	2.35	27					
TOWSON	88.9	71.2	80.1	3.4	96	9+	62.1	2+	0	475	13	0	0	4.76		1.56	21					
UNIONVILLE	87.6	64.5	76.1	3.1	95	20+	54.1	2+	0	350	9	0	0	4.99	1.63	1.18	27					
WESTMINSTER POL BRKS	89.0	67.3	78.2	3.6	97	6	61.2	7+	0	415	14	0	0	4.97	1.16	2.52	17					
WOODSTOCK	88.7	67.2	78.0	2.6	96	8	59.1	2	0	412	13	0	0	3.58	1.13	1.77	28					

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION (INCHES)

MARYLAND AND
DELAWARE
JULY 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	4.54	.01									.08		.24		.01	3.05	.01	.47	.01				.01				.32	.01	.30	.02						
PRINCESS ANNE	4.15	.23		1.05						.52					.10		1.28	.05				.11					.08	.80	.21	.45	.11	.04				
SALISBURY	13.74	.44		.95						.05	.01				.06		.83	3.90				.07					.08	.80	.55	5.85	.12					
SALISBURY FAA ARPT	7.55		1.12						.04	.01						.18	4.19	.09				.05			.05	.72	.27	.63	.10							
SNOW HILL 4 N	5.09	.27		.15							T			.26	.15	.76	.39	.55					T	T		.31	1.70	T	.52							
CENTRAL EASTERN SHORE 02																																				
ROYAL OAK 2 SSH	7.05		1.57	.05						.19					.08	.06	2.69	.42				.05	.39			.12	.40	.36	.17	.27	.06	.17				
VIENNA	M 3.05	.05		.15						.04						.05	.91	.38	-				.29				.16	.30	.32	.36						
LOWER SOUTHERN 03																																				
MECHANICSVILLE 5 NE	5.90		1.65	.10						.43	.06				.12	.02	.19	.08				T	.22	.16			1.08	.06	.46	.60	.66	.01				
OWINGS FERRY LANDING	9.26	.08	.85	.07				.02		.07			.01		2.25	.03		.24				.02	.22	.14	.06		.25	.26	4.31	.49	.09	.02				
UPPER SOUTHERN 04																																				
ANNAPOLIS POLICE BRKS	6.17		.01	.13	.13										.39	.03	.08	.08	1.00			.88		.48		T	1.93	.24	.69	.10						
BALTIMORE WSO ARPT COLLEGE PARK DALECARLIA RESERVOIR GLENN DALE BELL STN LAUREL 3 W 05																																				
BALTIMORE WSO ARPT	R 4.54		.01	.45		.06			T					.47	T		.09	.70				.34	.58	T		.19	.15	1.31	.13	.06				T		
COLLEGE PARK	6.15	.73		.44	.30										1.22			1.24				.07	.04				.02	1.07	.99				.03			
DALECARLIA RESERVOIR	5.86			.90	.13				.80	.05				.79	.31		.20	.04	.01			.31	.53	.02		.03	1.12	.11	.48	.01	.02					
GLENN DALE BELL STN	8.48	.20	.10	.02					.05						.53	.08	.09	.25	1.19			T	.04				.72	1.85	3.26	.09	.01					
LAUREL 3 W	3.24		.43						.01					.22			.20					.18	T			.14	.20	.93	.93							
NATIONAL ARBORETUM DC NORTHERN EASTERN SHORE 06																																				
CHESTERTOWN	3.37		T	.05					T					.83	T	.11	.30					.13	.30		.53		.09	.32	.80	.43	T			.01		
MILLINGTON 1 SE	4.26	.02	*	*	*	.17									1.41		.27		.05										1.81							
NORTHERN CENTRAL 06																																				
ABERDEEN PHILLIPS FIEL	M10.09	.01	*	*	*	2.63	.18		*	*	.10				1.18	*	*	1.68	.51			.21	*	*	1.99	.05	.41	1.13	.01							
BALTIMORE CITY	R 4.89			.40										1.08		.16	.12					.73	.39			.80	1.05	.13	.03							
BENSON POLICE BARRACKS CATOCTIN MOUNTAIN PARK CONOWINGO DAM OAMASCUS 2 SSH EMMITSBURG 2 SE 07																																				
BENSON POLICE BARRACKS	7.37			.06	.10		.40		.01						2.00	.02	.24	.01				.03	.13	.02	.10	1.16	.38	2.08	.01	.63						
CATOCTIN MOUNTAIN PARK	4.27			.40	.40	.01	.33	.02	.02				.17	.05	.80	.11	.02				.50	.57	.54	.05	.12	.04	.35	.01	.18							
CONOWINGO DAM	M 2.44	.01	.01	*	*	*	.48	.02	.02							.49	.49					.04	.19			.53	.06	.10								
OAMASCUS 2 SSH	5.79			.49		.47			.07	.07				.05		.86	.23				.50	T	.09		.58	2.40	T									
EMMITSBURG 2 SE	3.36			T		1.14			.07	.07				T	.30	.10	.90				.15	.20	.70		.56	.10										
FREDERICK POLICE BRKS FREDERICK GAS PLANT MILLERS 4 NE POTOMAC FILTER PLANT ROCKVILLE 1 NE 08																																				
FREDERICK POLICE BRKS	4.90			.18		.80			.03					T	.28		.13	.90				.52	.81	T	.04	.53		.04	.64							
FREDERICK GAS PLANT	M																																			
MILLERS 4 NE	4.41			.24		.90				.33					.06	.25	.03	.37	.01	T		.21	.17	.65	.02	.11	.04	T	1.01	T						
POTOMAC FILTER PLANT	6.70		.50		.10										.06		1.58					.23	.02		.13	.02	.46	3.59	.01							
ROCKVILLE 1 NE	5.61		.32		.10			.02						.02		T	1.00	T				.06	.11	.02	.69	.03	2.35	.65	.06							
TOWSON UNIONVILLE HESTMINSTER POL BRKS WOODSTOCK APPALACHIAN MOUNTAIN CUMBERLAND 2 09																																				
TOWSON	4.76			.11	.09	.03	.04	.02	.03						.82	.05	.03	.12	.10		1.45		.21	.21	.31	.10	.10	.89		.02	.03					
UNIONVILLE	4.99			.32	T	.45	.12							.12	.02	1.03	.05				.38	.77		.10	.32	.02	1.18	.05	.01							
HESTMINSTER POL BRKS	4.97					.34									.22	2.52	.09				.06	.30	.36		.02			1.06								
WOODSTOCK	3.58		.22								.03			.30	.06	.14	.03				.45	.38	.04		.07			.03	1.77	T						
APPALACHIAN MOUNTAIN CUMBERLAND 2 07																																				
CUMBERLAND 2	4.31		.15				.05							.02	.82				.12		.03	1.00	1.37				.08	.20	.47							
EDGEMONT FROSTBURG 2 HANCOCK ALLEGHENY PLATEAU 08																																				
EDGEMONT	3.38		.02			.60		.10							.25	.64	.17					.74	.40	.09		.02	.02	.31	T		.02					
FROSTBURG 2	3.15		.12		.18	.82	.17							T	.16	.04	T	.04	.01		.03	.28	.45	T		.13	.01	.71								
HANCOCK	7.08				1.62	.10									1.32		.09	.46				.04	1.70	.01		.02	.08	.36								
ALLEGHENY PLATEAU 08																																				
MERRILL	4.26		.13			.90		.10						.01	.30		.10					.70	.40		.22		1.00		.40							
OAKLAND 1 SE	6.11		.72		1.10	.28	.23	.10						.61	.03	.21	.02					.26	.37			.29	.20	.50	.45	.09	.66	.02				
SAVAGE RIVER DAM	3.78		.30		T	.70		.06						.14	.14	.11		.01				.06	.40	.06			.19	.20	.77							

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION (INCHES)

MARYLAND AND
DELAWARE
JULY 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	10.21			3.30				.02		.67					1.32				1.28													
WILMINGTON HSO ARPT	7.01			.10			T		.13					2.57				T	1.12			T	.69	.66	.21		.04	.07	1.84		.80	
WILMINGTON PORTER RSVR	12.27			.06					.01					3.67				T	.77			T	1.34	.07	.02	.03	.38	1.06	.68	.08	.17	
SOUTHERN 02																																.23
DOVER	3.67	.25		.10														T	.78					.04	.10		.22	.35	.48	.03	.10	
GEORGETOWN 5 SW	4.74	.14		.11						.17			.11	.09	1.11	.05		T	.22	.13				.04	.10	.22	.01	.28	.97	1.98	.20	.08
GREENWOOD 2 NE	6.08			.04	.45						T		.09	.12	.07				.86					.03	.02			.31	.52	1.43	.29	.21
LEWES	7.03	.09			.70		.29						.55	.04	.22	.01		1.28	.03					.73			.98	.58	.17	1.31		.05

SEE REFERENCE NOTES FOLLOWING STATION INDEX
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TOTAL SNOWFALL AND NUMBER OF DAYS
WITH ONE INCH OR MORE ON GROUND

MARYLAND AND
DELAWARE
JULY 1994

STATION	JUL		AUG		SEP		OCT		NOV		DEC		JAN		FEB		MAR		APR		MAY		JUN		TOTAL		TOTAL PRECIPITATION		
	SNOWFALL	1 IN ON GD	SNOWFALL	1 IN ON GD	SNOWFALL	1 IN ON GD	SNOWFALL	1 IN ON GD	SNOWFALL	1 IN ON GD	SNOWFALL	1 IN ON GD	SNOWFALL	1 IN ON GD	SNOWFALL	1 IN ON GD	SNOWFALL	1 IN ON GD	SNOWFALL	1 IN ON GD	SNOWFALL	1 IN ON GD	SNOWFALL	1 IN ON GD	SNOWFALL	1 IN ON GD			
MARYLAND																													
SOUTHERN EASTERN SHORE PRINCESS ANNE SALISBURY FAA ARPT SNOW HILL 4 N			T	O							M	7.6	-	T	-	1.0	1	2.0	1						M	10.6	7	44.54	
											M	6.5	4	.7	-	1.0	0	2.0	0						M	10.1	7	51.82	
											M	6.5	4	.7	-	1.0	0	2.0	0						M	10.2	4	46.78	
CENTRAL EASTERN SHORE ROYAL OAK 2 SSW												5.5	4	M	3.4	-	3.0	6	2.5	0						M	14.4	10	51.87
LOWER SOUTHERN MECHANICSVILLE 5 NE OWINGS FERRY LANDING												7.6	-	M	1.3	-	4.0	8	3.0	0						M	15.9	8	49.07
												5.4	-	M	2.5	-	.0	-	1.0	0						M	8.9	8	43.14
UPPER SOUTHERN ANNAPOLIS POLICE BRKS BALTIMORE WSD ARPT COLLEGE PARK GLENN DALE BELL STN LAUREL 3 W NATIONAL ARBORETUM DC										T	O	4.0	4	M	4.0	0	M	5.0	10	4	2	3	T	O		M	4.0	4	42.97
											M	2.9	3	M	4.9	7	M	5.0	9	5	2	3				M	17.3	23	44.60
											M	5.0	3	M	4.2	3	M	5.0	9	5	2	3				M	12.7	6	50.19
											M	5.5	1	M	7.1	-	M	5.0	9	7	2	1				M	24.8	6	47.75
											M	4.0	3	M	5.1	-	M	3.0	3	7	2	1				M	9.4	4	54.80
											M	2.8	-	M	2.9	-	M	.6	-	3.6	2					M	9.9	2	47.60
NORTHERN EASTERN SHORE CHESTERTOWN MILLINGTON 1 SE									T	O	M	2.4	4	M	2.9	-	M	4.5	11	1.8	0					M	10.7	15	44.78
											M	2.2	-	M	2.9	-	M	2.9	-	1.0	0					M	7.0	15	41.13
NORTHERN CENTRAL ABERDEEN PHILLIPS FIEL BENSON POLICE BARRACKS CATOCTIN MOUNTAIN PARK CONOWINGO DAM DAMASCUS 2 SSW EMMITSBURG 2 SE FREDERICK POLICE BRKS MILLERS 4 NE POTOMAC FILTER PLANT ROCKVILLE 1 NE TOWSON UNIONVILLE WESTMINSTER POL BRKS WOODSTOCK							M	.0	0	M	.0	0	M	1.3	-	M	2.8	5	M	9.3	-	M	1.0	0		M	2.8	1	43.10
							M	.0	0	M	.0	0	M	2.8	5	M	9.3	-	M	9.3	-	M	1.0	0		M	23.8	21	52.82
							M	.0	0	M	.0	0	M	8.6	11	M	20.8	31	M	18.7	28	M	12.5	11		M	60.6	70	51.84
												M	4.0	0	M	9.3	16	M	9.8	14	M	9.0	1			M	32.4	37	46.27
												M	4.3	0	M	9.3	16	M	9.8	14	M	9.0	7			M	32.4	37	50.17
												M	3.0	0	M	20.0	-	M	20.0	28	M	12.0	15			M	55.0	43	52.12
												M	8.5	2	M	6.0	26	M	6.0	26	M	6.0	26			M	20.5	42	38.65
												M	1.8	4	M	16.5	28	M	14.3	28	M	11.5	19			M	44.1	79	51.77
												M	1.5	1	M	5.1	-	M	7.4	13	M	7.0	4			M	1.5	1	44.09
												M	5.1	1	M	7.4	13	M	4.5	13	M	7.0	4			M	24.0	17	43.67
												M	6.3	-	M	6.3	-	M	4.1	-	M	5.0	-			M	6.7	1	35.61
												M	4.8	1	M	12.8	-	M	9.5	25	M	5.0	-			M	32.1	25	53.17
												M	1.0	4	M	7.3	28	M	10.0	20	M	10.0	9			M	28.3	61	53.78
												M	4.5	6	M	8.0	-	M	8.0	-	M	9.0	-			M	29.5	6	48.68
APPALACHIAN MOUNTAIN CUMBERLAND 2 EDMONT FROSTBURG 2 HANCOCK												M	5.5	-	M	25.3	30	M	17.0	26	M	18.3	-			M	66.1	56	44.37
												M	16.0	-	M	16.0	-	M	16.8	-	M	10.0	-			M	42.8	1	47.90
												M	14.1	12	M	50.6	31	M	29.5	28	M	36.1	27			M	136.1	101	50.17
												M	2.0	-	M	6.0	-	M	12.0	-	M	17.0	-			M	37.0	1	41.20

SEE REFERENCE NOTES FOLLOWING STATION INDEX

TOTAL SNOWFALL AND NUMBER OF DAYS
WITH ONE INCH OR MORE ON GROUND

MARYLAND AND
DELAWARE
JULY 1994

STATION	JUL		AUG		SEP		OCT		NOV		DEC		JAN		FEB		MAR		APR		MAY		JUN		TOTAL		TOTAL PRECIPITATION
	SNOWFALL	1 IN ON GD	SNOWFALL	1 IN ON GD	SNOWFALL	1 IN ON GD	SNOWFALL	1 IN ON GD	SNOWFALL	1 IN ON GD	SNOWFALL	1 IN ON GD	SNOWFALL	1 IN ON GD	SNOWFALL	1 IN ON GD	SNOWFALL	1 IN ON GD	SNOWFALL	1 IN ON GD	SNOWFALL	1 IN ON GD	SNOWFALL	1 IN ON GD	SNOWFALL	1 IN ON GD	
ALLEGHENY PLATEAU 08																											
MERRILL									3.0	1	17.0	-	33.8	-	43.3	26	30.5	-	T	O					127.7	M 27	45.10
OAKLAND 1 SE									5.3	0	36.4	-	45.2	-	30.8	-	27.3	-							148.4	M	58.27
SAVAGE RIVER DAM							2.8	-	T	0	-	-	-	-	-	28	M .0	19						M	-	47	46.20
DELAWARE																											
NORTHERN 01																											
NEWARK UNIVERSITY FARM																											
WILMINGTON WSO ARPT																											
WILMINGTON PORTER RSVR																											
SOUTHERN 02																											
DOVER																											
GEORGETOWN 5 SW																											
GREENWOOD 2 NE																											
LEWES																											

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES (°F)

MARYLAND AND
DELAWARE
JULY 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	78	77	77	79	78	83	90	87	94	87	79	84	85	81	83	87	84	83	82	84	83	79	76	77	78	77	76	75	79	76	81	81.3	
		MIN	62	65	67	66	69	69	72	71	71	70	68	65	71	72	72	72	70	73	73	73	72	71	67	64	66	65	68	66	65	67	66	68.6	
PRINCESS ANNE	17	MAX	86	92	94	89	89	92	93	93	95	90	89	89	90	93	94	92	89	88	89	91	90	89	88	92	93	90	85	84	86	87	85	89.8	
		MIN	57	61	67	66	67	66	68	72	74	66	65	56	64	71	62	65	67	67	67	67	65	63	70	66	69	64	66	43	65	66	65	66	
SALISBURY	17	MAX	86	91	90	86	87	91	92	92	94	91	86	87	90	93	92	91	91	91	89	91	91	89	86	87	92	89	84	83	84	87	85	89.0	
		MIN	64	68	73	69	71	71	73	79	79	75	70	64	72	75	77	78	73	73	70	70	74	78	76	73	72	71	69	71	70	71	72	72.3	
SALISBURY FAA ARPT	MID	MAX	88	92	92	86	89	93	94	94	96	90	84	91	93	95	94	94	90	90	90	93	91	90	87	89	92	92	86	85	88	88	85	90.4	
		MIN	63	66	70	70	72	71	72	76	76	74	65	61	68	73	73	72	72	71	70	73	74	76	74	71	70	70	70	71	70	70	71	70.8	
SNOW HILL 4 N	17	MAX	88	91	91	87	88	95	97	96	98	96	86	87	94	93	95	87	88	86	87	91	89	88	87	90	93	90	84	85	87	88	84	90.1	
		MIN	62	65	69	70	71	69	71	75	75	71	67	59	65	72	75	70	71	74	69	72	74	74	73	72	68	69	70	72	71	71	72	70.3	
CENTRAL EASTERN SHORE 02																																			
ROYAL OAK 2 SSH	18	MAX	85	89	88	88	87	90	91	91	92	88	84	86	88	90	90	86	88	87	89	89	88	86	84	87	89	86	82	79	83	84	85	87.1	
		MIN	69	68	68	67	70	76	71	80	80	73	68	64	72	78	73	73	70	70	73	75	77	77	73	71	72	69	70	73	68	73	71	72.0	
VIENNA	18	MAX	88	92	92	89	92	95	95	95	96	95	89	89	92	93	94	95	91	88	92	92	92	90	88	89	92	90	85	84	85	88	87	90.8	
		OBS	***																																
		MIN	65	67	68	67	69	71	70	77	78	71	68	64	72	75	74	72	69	72	70	70	74	76	72	71	73	70	68	72	70	71	71	70.9	
		OBS	***																																
LOWER SOUTHERN 03																																			
MECHANICSVILLE 5 NE	19	MAX	83	89	90	85	86	91	91	92	92	85	81	86	89	90	89	84	87	86	89	90	88	88	82	87	89	87	80	77	81	83	84	86.5	
		MIN	64	64	68	66	70	71	73	75	75	70	64	63	69	73	71	71	69	71	68	71	73	75	72	66	69	68	69	68	68	70	70	69.5	
OWINGS FERRY LANDING	17	MAX	85	89	88	85	86	92	91	93	93	92	88	87	89	92	92	86	86	87	89	90	88	88	85	88	90	87	79	79	81	84	85	87.5	
		OBS	***																																
		MIN	65	64	69	68	70	69	67	75	74	71	64	62	69	72	73	70	71	72	69	72	74	75	71	66	69	66	68	66	67	69	70	69.3	
		OBS	***																																
UPPER SOUTHERN 04																																			
ANNAPOLIS POLICE BRKS	17	MAX	86	92	87	88	88	96	94	98	98	94	90	88	90	94	92	88	88	86	92	90	92	90	85	92	90	86	80	81	82	86	86	89.3	
		MIN	68	68	70	70	74	74	71	78	78	72	70	68	71	78	74	72	74	74	72	78	70	78	72	70	74	70	70	70	70	70	72	75	72.4
		OBS	92																																
BALTIMORE WSO ARPT	MID	MAX	86	92	88	87	90	97	94	98	96	89	84	89	94	92	90	89	87	89	90	92	89	88	87	90	92	86	79	80	84	87	86	89.1	
		MIN	68	67	71	70	73	73	70	77	74	72	67	64	69	75	73	73	74	73	70	74	75	75	72	68	68	69	69	67	69	70	74	71.1	
COLLEGE PARK	09	MAX	87	89	91	89	89	91	96	96	99	97	90	85	91	95	95	92	89	80	92	93	94	89	89	87	93	92	85	80	81	82	88	89.9	
		MIN	68	66	66	69	74	75	70	80	80	74	67	64	68	78	74	72	73	73	70	76	77	77	75	69	72	69	69	66	67	72	73	71.7	
DALECARLIA RESERVOIR	17	MAX	86	92	91	89	90	95	95	96	95	96	87	89	93	93	90	89	88	89	93	94	94	88	89	91	91	88	79	80	85	89	89	90.1	
		MIN	M																																
GLENN DALE BELL STN	16	MAX	85	91	92	94	92	98	97	98	96	88	91	92	97	97	97	92	91	90	92	94	95	90	91	91	93	91	82	78	84	88	88	91.5	
		MIN	64	72	70	70	72	70	67	73	74	75	59	60	66	71	70	68	70	71	66	71	73	76	66	74	66	60	67	65	68	69	72	68.9	
LAUREL 3 W	07	MAX	87	94	88	88	90	97	95	98	98	91	86	92	96	95	92	90	88	91	94	95	88	88	88	92	94	87	81	82	85	89	87	90.5	
		MIN	67	69	70	68	71	73	68	75	73	70	64	65	70	73	71	73	72	71	69	63	74	74	72	68	68	67	68	64	67	69	69	69.5	
NATIONAL ARBORETUM DC	07	MAX	87	87	92	88	88	90	95	94	97	96	89	85	91	94	94	90	89	88	90	91	93	90	89	88	92	92	87	80	82	85	88	89.7	
		OBS	*****																																
		MIN	67	67	59	68	70	73	70	75	78	71	66	64	71	74	71	71	72	72	69	73	74	74	74	67	70	68	67	66	64	70	70	69.8	
		OBS	*****																																

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES (°F)

MARYLAND AND
DELAWARE
JULY 1994

STATION	OB. TIME	MAX/MIN	DAY OF MONTH																															AVERAGE		
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31			
NORTHERN EASTERN SHORE	05																																			
CHESTERTOWN	23	MAX MIN	87 65	93 65	89 67	87 66	91 67	96 71	96 67	97 75	97 76	90 70	85 62	90 61	94 69	93 70	91 70	87 71	90 70	86 70	93 69	95 72	92 73	91 72	87 71	91 67	92 68	89 67	83 68	80 66	85 66	88 69	89 64	90.1 68.5		
MILLINGTON 1 SE	18	MAX MIN																																	M M	
NORTHERN CENTRAL	06																																			
ABERDEEN PHILLIPS FIEL	16	MAX MIN	85 64				85 72	93 73	93 67	93 78			80 64	86 61	90 68	90 71	89 72				83 73	89 72	90 76	90 78	88 78			91 72	91 70	81 70	81 68			M		
BALTIMORE CITY	MID	MAX MIN	89 70	94 72	89 73	89 71	89 74	98 76	96 73	102 80	99 78	93 75	84 68	93 70	97 76	92 74	92 74	92 76	88 76	88 75	92 73	93 78	89 76	89 76	88 74	88 70	94 70	94 70	87 71	81 71	80 67	86 71	92 71	89 76	90.8 73.3	
BENSON POLICE BARRACKS	17	MAX MIN	88 65	92 64	91 69	89 69	89 70	97 73	95 68	97 75	97 75	96 72	89 65	90 61	94 66	94 71	91 71	89 69	89 71	87 72	91 75	93 76	93 76	94 75	94 73	92 68	92 71	86 68	80 69	78 68	86 66	88 70	87 69	90.6 69.8		
CATOCTIN MOUNTAIN PARK	17	MAX MIN	78 61	83 65	81 68	80 65	82 69	88 70	87 65	88 72	84 72	80 68	79 56	81 62	83 68	85 70	81 68	81 67	80 65	81 67	83 66	85 70	86 70	79 68	76 66	82 66	80 69	76 65	76 62	73 58	75 63	78 66	77 64	80.9 66.2		
CONOWINGO DAM	MID	MAX MIN OBS	89 64	94 64	92 72	90 70	98 72	98 70	95 77	97 75	96 74	90 75	84 62	98 60	106 64	98 65	95 65	91 70	90 66	90 68	93 77	95 70	94 76	94 76	85 68	91 62	94 68	95 62	91 67	85 67	84 66	79 69	88 69	92.5 68.7		
DAMASCUS 2 SSW	22	MAX MIN	84 58	89 62	88 64	84 66	86 70	93 71	91 64	92 72	91 70	85 66	82 62	86 57	89 63	91 70	85 67	86 64	82 68	88 64	90 73	86 72	90 72	86 71	82 66	82 66	86 64	81 64	81 61	75 60	74 63	74 67	84 67	82 66	85.3 65.9	
EMMITSBURG 2 SE	17	MAX MIN	80 58	86 57	85 64	82 62	84 69	91 67	88 63	90 70	88 70	83 66	82 56	83 53	87 59	87 66	84 68	83 66	83 62	83 66	86 62	88 67	86 70	82 69	80 65	84 62	83 63	77 64	79 60	74 60	77 60	81 60	81 65	83.5 63.7		
FREDERICK POLICE BRKS	17	MAX MIN	87 66	93 65	94 70	90 68	89 73	98 74	98 73	95 71	98 76	90 70	88 65	88 62	92 67	92 74	92 72	88 68	87 70	87 69	91 69	92 75	92 74	86 72	86 73	88 67	91 71	85 65	84 66	77 62	81 66	86 69	89 69	89.7 69.3		
FREDERICK GAS PLANT	08	MAX MIN																																	M M	
MILLERS 4 NE	18	MAX MIN	82 62	88 62	85 66	83 66	85 69	92 72	89 65	91 73	90 73	85 67	81 58	85 57	89 65	88 68	87 69	84 68	83 65	84 69	87 67	89 70	86 73	84 70	81 67	85 65	84 65	80 65	78 64	72 64	82 63	83 68	83 67	84.7 66.8		
ROCKVILLE 1 NE	MID	MAX MIN	86 67	92 66	86 70	85 68	88 69	94 70	92 68	95 78	92 72	87 71	83 64	88 61	91 68	92 75	85 73	87 74	88 70	88 72	90 76	92 76	86 76	87 74	86 70	89 67	88 65	84 65	79 67	82 67	86 68	84 70	87.4 69.6			
TOWSON	18	MAX MIN OBS	85 65	90 66	90 76	86 71	88 75	95 77	93 67	96 77	96 77	91 73	88 62	88 62	94 69	92 74	92 75	88 75	88 73	87 75	88 67	89 78	92 75	89 76	88 74	90 71	90 66	85 66	80 66	79 64	85 69	86 73	87 71	88.9 71.2		
UNIONVILLE	17	MAX MIN	83 57	88 57	86 63	85 65	86 69	91 69	95 65	93 65	95 70	89 66	85 54	88 59	91 67	93 66	87 66	89 65	84 68	89 68	91 63	95 68	88 69	88 71	90 63	85 72	85 65	85 65	78 63	78 61	83 62	85 66	86 66	87.6 64.5		
WESTMINSTER POL BRKS	17	MAX MIN	85 64	92 67	92 66	92 66	89 69	97 72	94 63	96 72	96 74	93 70	84 61	88 70	94 68	92 70	91 65	88 69	87 67	88 68	91 66	94 69	93 67	86 67	87 70	89 65	89 69	84 61	81 61	75 62	80 64	86 69	87 68	89.0 67.3		
WOODSTOCK	18	MAX MIN	86 63	92 61	89 66	87 66	88 71	95 70	93 66	96 73	95 73	89 68	85 60	90 59	93 63	92 68	88 70	89 68	86 68	89 70	90 67	94 71	90 72	88 72	86 71	90 65	85 67	85 65	79 67	85 65	79 65	88 67	88 69	88.7 67.2		
APPALACHIAN MOUNTAIN	07																																			
CUMBERLAND 2	17	MAX MIN	88 59	92 60	87 65	86 65	92 67	96 68	92 68	96 70	93 67	84 57	85 56	92 57	91 62	87 70	92 67	87 64	83 67	86 64	92 65	97 69	90 70	87 68	87 65	90 65	86 65	86 60	80 60	79 60	84 64	85 62	85 62	85 62	88.3 64.1	
FROSTBURG 2	07	MAX MIN	73 58	81 57	84 58	76 60	77 60	85 63	88 64	79 62	87 62	82 63	76 53	76 52	82 63	83 62	78 65	84 64	78 61	75 59	82 61	84 61	87 64	75 64	82 64	79 64	82 64	74 61	79 57	66 56	77 56	76 59	77 58	79.5 60.2		
HANCOCK	08	MAX MIN OBS	87 86	86 **	91 93	93 87	87 92	98 98	90 90	94 90	90 87	87 81	87 88	90 88	94 91	90 88	87 90	81 82	88 86	91 89	88 86	88 89	90 93	87 83	82 85	86 88	89 80	85 80	82 82	72 78	78 81	81 83	83 85	86 85	83 84	86.7 64.0
		OBS	57	**	61	63	68	66	68	72	70	51	54	59	63	70	67	63	64	61	67	67	70	69	66	65	64	59	61	65	64	64	64	65	65	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES (°F)

MARYLAND AND
DELAWARE
JULY 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	
			ALLEGHENY PLATEAU 08	17	MAX MIN	78 53	81 52	79 59	76 56	86 58	88 63	87 63	85 63	84 60	74 64	74 54	80 48	81 52	80 64	81 68	79 61	81 57	79 63	83 58	85 60	78 64	79 62	75 62	80 60	79 62	77 59	76 57	73 56	
SAVAGE RIVER DAM	08	MAX MIN	74 59	85 57	86 58	80 63	78 63	83 63	92 65	88 65	88 66	82 64	78 56	78 53	84 53	85 57	80 66	84 63	79 61	75 62	83 60	85 61	89 64	76 65	83 64	80 63	84 64	74 62	80 58	65 58	75 59	78 59	79 58	81.0 60.9
DELAWARE																																		
NORTHERN 01	17	MAX MIN	86 64	92 62	91 61	88 66	87 69	94 71	94 68	95 75	95 73	87 69	86 61	88 58	94 67	90 69	89 69	89 70	88 65	82 70	90 70	92 72	92 73	89 76	87 70	89 68	89 72	88 66	82 67	80 69	84 65	88 70	87 72	88.8 68.3
WILMINGTON WSO ARPT	MID	MAX MIN	86 66	87 66	89 71	87 68	86 71	95 73	92 70	96 79	97 76	89 73	84 63	88 63	94 70	91 71	90 72	88 72	88 69	84 72	89 74	92 76	91 76	89 74	85 73	90 72	91 72	86 71	84 70	79 68	86 68	87 73	85 71	88.5 71.1
WILMINGTON PORTER RSVR	MID	MAX MIN	84 66	88 67	88 71	85 67	85 69	94 68	92 69	95 79	95 78	88 73	83 64	87 65	93 71	89 70	88 71	84 73	87 69	81 70	88 72	90 74	89 76	87 71	84 74	89 70	88 71	85 68	82 68	76 69	82 67	86 73	83 68	86.9 70.4
SOUTHERN																																		
DOVER 02	17	MAX MIN	85 66	87 66	87 67	83 68	84 68	91 72	91 70	94 78	93 76	93 73	88 65	84 61	88 72	87 73	88 71	88 73	87 72	85 72	85 71	90 73	90 74	89 75	87 72	89 70	89 63	85 68	82 70	80 70	79 68	85 70	85 70	87.0 70.2
GEORGETOWN 5 SW	08	MAX MIN	82 64	84 65	91 69	90 67	88 69	91 67	93 68	94 62	99 62	96 58	89 53	84 59	89 55	92 57	93 57	94 57	89 57	92 59	88 55	88 59	94 59	93 73	93 59	85 71	90 57	94 68	88 68	82 57	83 68	91 67	83 70	89.7 62.5
GREENWOOD 2 NE	18	MAX MIN	84 65	89 64	88 68	82 66	88 69	91 69	91 69	94 76	93 76	87 71	85 65	87 59	90 69	89 72	91 70	87 72	88 69	85 72	88 69	91 71	90 72	88 76	84 73	90 70	91 71	88 68	83 69	82 71	82 69	85 69	85 70	87.6 69.6
LEWES	17	MAX MIN	83 65	87 69	88 71	77 66	82 67	90 71	90 71	95 77	95 77	94 74	87 70	84 63	89 72	90 73	87 71	85 74	85 73	82 73	86 70	92 74	89 75	88 75	85 74	87 72	90 73	87 70	81 70	84 72	84 69	88 72	88 73	87.1 71.5

SEE REFERENCE NOTES FOLLOWING STATION INDEX

MONTHLY AND SEASONAL HEATING DEGREE DAYS

MARYLAND AND
DELAWARE
JULY 1994

STATION	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	TOTAL	SEASONAL NORM
MARYLAND														
SOUTHERN EASTERN SHORE 01														
ASSATEAGUE IS NATL SEA	0	0	16	162	420	778	1006 B	768	642	286	175	3	B 4256	4255
PRINCESS ANNE	0	0	60	308	534	933	1062	821	618	203	190	7	4736	4255
SALISBURY	0	0	29	189	446	811	977	729	546	155	136	2	4020	4027
SALISBURY FAA ARPT	0	0	48	287	512	876 B	1037	773 B	587	200	183	4	B 4507	4380
SNOW HILL 4 N	0	0	38	232	469	833	992	766	562	191	148	4	4235	4254
CENTRAL EASTERN SHORE 02														
ROYAL OAK 2 SSW	0	0	34	210	486	840	1090	807	614	166	131	3	4381	4225
VIENNA	0	0	30	220	499	850	1018	786	589	163	133	3	4291	4140
LOWER SOUTHERN 03														
MECHANICSVILLE 5 NE	0	0	51	309	529	893	1137	826	614	172	178	4	4713	4463
OWINGS FERRY LANDING	0	0	43	255	541	906	1147	846	629	166	167	4	4704	4411
UPPER SOUTHERN 04														
ANNAPOLIS POLICE BRKS	0	0	29	230	514	870	1041	827 B	643	165	117	0	B 4436	4382
BALTIMORE WSO ARPT	R 0	0	52	292	553	886	1169	861	677	190	180	1	4861	4707
COLLEGE PARK	0	0	32	242	525	855	1153 B	822	653	188	150	3	B 4623	4561
DALECARLIA RESERVOIR	0	0	48	289	572	893	1157	844	681	162	166	2	4814	4470
GLENN DALE BELL STN	0	0	51	251	561	903	1140	853	680	204	154	4	4801	4639
LAUREL 3 W	0	0	68	321	571	925	1241	839	659	165	154	0	4943	4659
NATIONAL ARBORETUM DC	0	0	45	276	544 B	864	1157	819	681	204	164	3	B 4757	4577
NORTHERN EASTERN SHORE 05														
CHESTERTOWN	0	0	49	280	547	911	1214	907	708	204	180	3	5003	4641
MILLINGTON 1 SE	0	0	52	259	538	893	1172	892	694	211			M 4711	4864
NORTHERN CENTRAL 06														
ABERDEEN PHILLIPS FIEL	R 0	0 B	53 B		490	848	1118	883 B	665 B		142 B	3	M 1746	4616
BALTIMORE CITY	0	0	33	227	490	848	1118	800	615	115	140	0	4386	4068
BENSON POLICE BARRACKS	0	0	30	223	509	875	1173	769 B	535 B	165	127	0	B 4406	4897
CATOCTIN MOUNTAIN PARK	0	0	115	374	626	1030	1340	994	841	250	245	1	5827	
CONOWINGO DAM	0	0	38	249	530	879	1243 B	894	731	221		2	M 4787	5247
DAMASCUS 2 SSW	0	1	89	374	629	999	1304	953	802	269	271	19	5710	
EMMITSBURG 2 SE	0	2	123	441	711	1046	1383	1053	857	332	291	28	6267	5299
FREDERICK POLICE BRKS	0	0	50	264	533	884	1190	870	676	180	149	3	4799	
FREDERICK GAS PLANT													M	
MILLERS 4 NE	0	0	94	344	606	974	1282	945	793	258	241	9	5546	
ROCKVILLE 1 NE	0	0	70	322	568	910	1196	901	687	188	199	2	5043	5093
TOWSON	0	0	23 B	188 B		795 B	1164	820 B	645 B	146 B	167		M 3948	4685
UNIONVILLE	0	0	80	357		1046	1336	988	810	277	249	14	M 5157	5782
WESTMINSTER POL BRKS	0	0	73	308	579	946	1266	903	759	208	163	7	5212	5206
WOODSTOCK	0	0	66	319	590	941	1232	893	724	210	186	6	5167	4960
APPALACHIAN MOUNTAIN 07														
CUMBERLAND 2	0	0	89	359	622	988	1243	913	742	240	229	5	5430	5036
FROSTBURG 2	7	17	175	499	740	1134	1433	1053	968	419	401	52	6898	
HANCOCK	4	2	91	418	639	963	1313	968	801	294	270	20	5783	5594
ALLEGHENY PLATEAU 08														
OAKLAND 1 SE	11	13	152	476	730	1091	1351	1019	881	360	393	41	6518	6553
SAVAGE RIVER DAM	1	7	140	480	705	1062	1378	1022	897	375	347	37	6451	6362

SEE REFERENCE NOTES FOLLOWING STATION INDEX

MONTHLY AND SEASONAL HEATING DEGREE DAYS

MARYLAND AND
DELAWARE
JULY 1994

STATION	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	TOTAL	SEASONAL NORM
DELAWARE														
NORTHERN 01														
NEWARK UNIVERSITY FARM	0	0	65	302	543 ^B	909	1214	934	732	230	179	4	5112	4825
WILMINGTON WSO ARPT	0	0	55	286	526	879	1193	929	715	223	189	2	4997	4937
WILMINGTON PORTER RSVR	0	0	78	312	544	899	1231	943	747	234	186	2	5176	5110
SOUTHERN 02														
DOVER	0	0	46	231	496	857	1116	844	662	207	175	5	4639	4337
GEORGETOWN 5 SW	0	0	51	292	541	888	1121	818	662	258	186	11	4166	4708
GREENWOOD 2 NE	0	0	53	280	539	887	1115	831	648	221	188	4	4766	
LEWES	0	0	29	181	460	800	1029	788	605	179	148	0	4219	4341

SEE REFERENCE NOTES FOLLOWING STATION INDEX

EVAPORATION AND WIND

MARYLAND AND
DELAWARE
JULY 1994

STATION	DAY OF MONTH																															TOTAL OR AVG	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
DELAWARE NORTHERN 01 NEWARK UNIVERSITY FARM	WIND	24'	16'	6'	24'	*	*	*	*	*	21'	1'	9'	14'	17'	19'	7'	0'	12'	25'	12'	15'	25'	23'	19'	13'	9'	22'	33'	12'	0'	2'	380
	EVAP	24'	21'	07'	11'	19'	4'	38'	26'	20'	42'	27'	24'	25'	19'	21'	18'	19'	-	20'	22'	24'	19'	19'	18'	29'	10'	11'	-	21'	12'	25'	7.43B
	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
JULY 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	0015	06	HARFORD	39 28	76 10W	57						PHILLIPS ARMY AIRFIELD
ANNAPOLIS POLICE BRKS	0193	04	ANNE ARUNDEL	38 59	76 30W	25						ANNAPOLIS POLICE BRKS
ASSATEAGUE IS NATL SEA	0335	01	WORCESTER	38 14	75 8W	10						NATIONAL PARK SERVICE
BALTIMORE WSO ARPT	0465	04	ANNE ARUNDEL	39 11	76 40W	148	MID	MID				NATL WEATHER SERVICE
BALTIMORE CITY #	0470	06	BALTIMORE CI	39 17	76 37W	14	MID	MID				NATIONAL WEATHER SERVICE
BELTSVILLE	0700	04	PRINCE GEORG	39 2	76 53W	120			08			INACTIVE 04/01/94
BENSON POLICE BARRACKS	0732	06	HARFORD	39 30	76 23W	365						MARYLAND STATE POLICE
CATOCTIN MOUNTAIN PARK	1530	06	FREDERICK	39 39	77 29W	1610						CATOCTIN MOUNTAIN PARK
CHESTERTOWN	1750	05	KENT	39 13	76 4W	40						THOMAS W ELIASON JR
CLARKSVILLE 3 NNE	1862	06	HOWARD	39 15	76 56W	370						INACTIVE 09/01/93
COLLEGE PARK	1995	04	PRINCE GEORG	38 59	76 57W	90						UNIVERSITY OF MARYLAND
CONOWINGO DAM	2060	06	HARFORD	39 39	76 10W	40	MID	MID				SUSQUEHANNA ELECTRIC CO
CUMBERLAND 2	2282	07	ALLEGANY	39 38	78 45W	730						TIMOTHY B THOMAS
DALECARLIA RESERVOIR	2325	04	OIS COLUMBIA	38 56	77 7W	150						U S CORPS OF ENGINEERS
DAMASCUS 2 SW	2335	06	MONTGOMERY	39 16	77 14W	722						INACTIVE 01/01/92
DAMASCUS 2 SSW	2336	06	MONTGOMERY	39 16	77 14W	670						ROBERT J LEFFLER
EDGEMONT	2770	07	WASHINGTON	39 40	77 33W	905						JOHN W HARNE
EMMITSBURG 2 SE	2906	06	FREDERICK	39 41	77 18W	416						LUCILLE K BEALE
FREDERICK POLICE BRKS	3348	06	FREDERICK	39 25	77 26W	380						MARYLAND STATE POLICE
FREDERICK GAS PLANT	3349	06	FREDERICK	39 27	77 24W	290						PLANT EMPLOYEES
FROSTBURG 2	3415	07	ALLEGANY	39 40	78 56W	2168						KENNETH L CLOSE
GLENN DALE BELL STN	3675	04	PRINCE GEORG	38 58	76 48W	150						USDA PLANT INTRODUCT STN
HAGERSTOWN	3975	07	WASHINGTON	39 39	77 44W	660						INACTIVE 11/01/93
HANCOCK	4030	07	WASHINGTON	39 42	78 11W	428						TOWN OF HANCOCK
LA PLATA 1 W	5080	03	CHARLES	38 32	77 0W	140						INACTIVE 02/28/94
LAUREL 3 W	5111	04	PRINCE GEORG	39 6	76 54W	400						WA SUBURBAN SANITARY COM
MC HENRY 2 NW	5832	08	GARRETT	39 35	79 22W	2680						INACTIVE 12/01/93
MECHANICSVILLE 5 NE	5865	03	ST MARYS	38 27	76 41W	100						SANDRA J HASTINGS
MERRILL	5894	08	GARRETT	39 36	79 5W	1790						DELWOOD E MERRILL
MILLERS 4 NE	5934	06	CARROLL	39 43	76 48W	860						BOBBY P MILLER
MILLINGTON 1 SE	5985	05	KENT	39 16	75 52W	30						HOWARD L HARVEY
NATIONAL ARBORETUM DC	6350	04	OIS COLUMBIA	38 54	76 59W	50						US NATIONAL ARBORETUM
OAKLAND 1 SE	6620	08	GARRETT	39 24	79 24W	2419						BEA J CROSCO
OWINGS FERRY LANDING	6770	03	CALVERT	38 41	76 40W	160						JAMES C RASMUSSEN
POTOMAC FILTER PLANT	7272	06	MONTGOMERY	39 2	77 15W	270						POTOMAC WATER FILT PLANT
PRINCESS ANNE	7330	01	SOMERSET	38 13	75 41W	20						UNIV OF MD EASTERN SHORE
ROCKVILLE 1 NE	7705	06	MONTGOMERY	39 6	77 6W	440						WASHINGTON GAS & ELEC CO
ROYAL OAK 2 SSW	7806	02	TALBOT	38 43	76 11W	10						JOHN L SHAIN JR
SALISBURY	8000	01	WICOMICO	38 22	75 35W	10						CITY OF SALISBURY
SALISBURY FAA ARPT #	8005	01	WICOMICO	38 20	75 31W	50	MID	MID				FAA
SAVAGE RIVER DAM	8065	08	GARRETT	39 31	79 8W	1495						US CORPS OF ENGINEERS
SNOW HILL 4 N	8380	01	WORCESTER	38 14	75 23W	30						CURTIS E SHOCKLEY
TOWSON	8877	06	BALTIMORE	39 23	76 34W	390						ENVIRONMENTAL TECH GROUP
UNIONVILLE	9030	06	FREDERICK	39 27	77 11W	430						ROBERT YOUNG
UPPER MARLBORO 3 NNW	9070	04	PRINCE GEORG	38 52	76 47W	100						INACTIVE 09/01/93
VIENNA	9140	02	DORCHESTER	38 29	75 50W	10						DELMARVA POWER & LIGHT
WESTMINSTER POL BRKS	9440	06	CARROLL	39 33	76 58W	765						MARYLAND STATE POLICE
WOODSTOCK	9750	06	BALTIMORE	39 20	76 52W	460						JOHN A HILTZ

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

MARYLAND AND
DELAWARE
JULY 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	00000	KENT	39 9	75 31 W	30	17	17		H	STATE HIGHWAY DEPT		
GEORGETOWN 5 SW	35700	00000	SUSSEX	38 38	75 27 W	45	08	08	08	C	UNIV OF DEL SUBSTATION		
GREENWOOD 2 NE	35950	00000	SUSSEX	38 50	75 35 W	45	18	18			DANIEL H SWARTZ ENTRUBER		
LEWES	59200	00000	SUSSEX	38 46	75 38 W	15	17	17			BOARD OF PUBLIC WORKS		
NEWMARK UNIVERSITY FARM	6410	00000	NEW CASTLE	39 40	75 44 W	90	17	17	17	C	H	UNIV OF DEL AGRIC FARM	
WILMINGTON WSO ARPT	R 9595	01	NEW CASTLE	39 40	75 36 W	74	MID	MID			C	H J	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
JULY 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. JULY 1994-0550

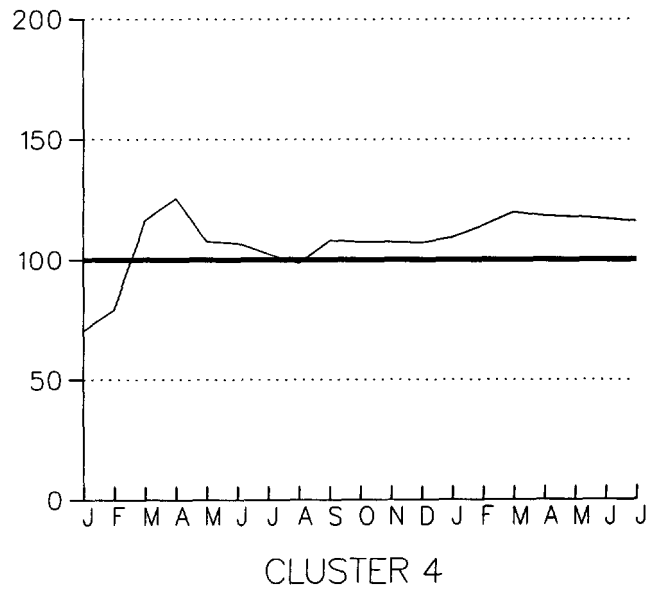
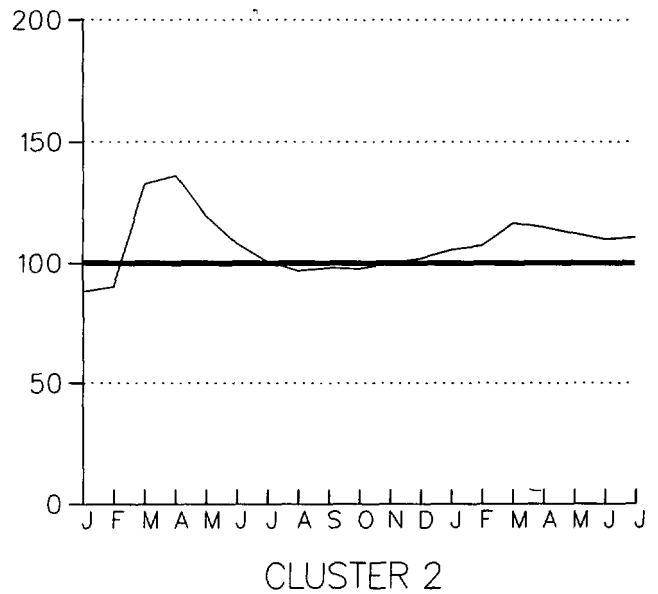
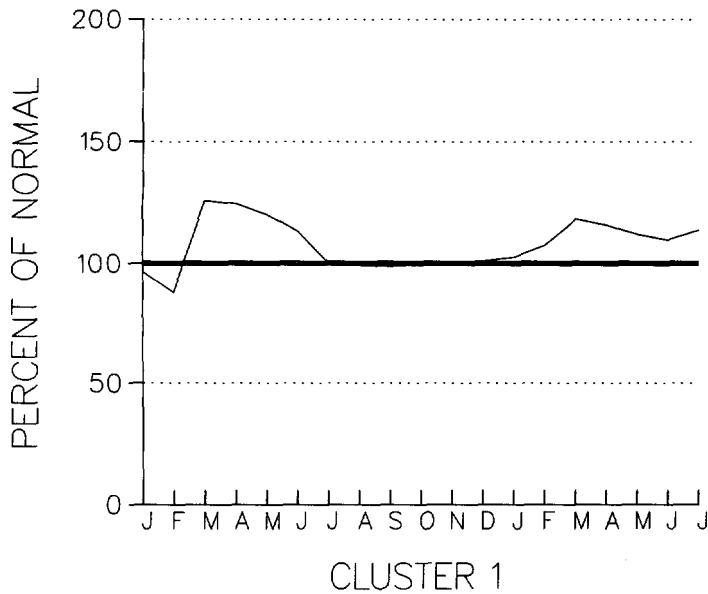
CUMULATIVE PRECIPITATION DEPARTURES FROM NORMAL (1961-1990)
FOR THE LAST 19 MONTHS
ENDING JULY 1994
MARYLAND

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

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

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

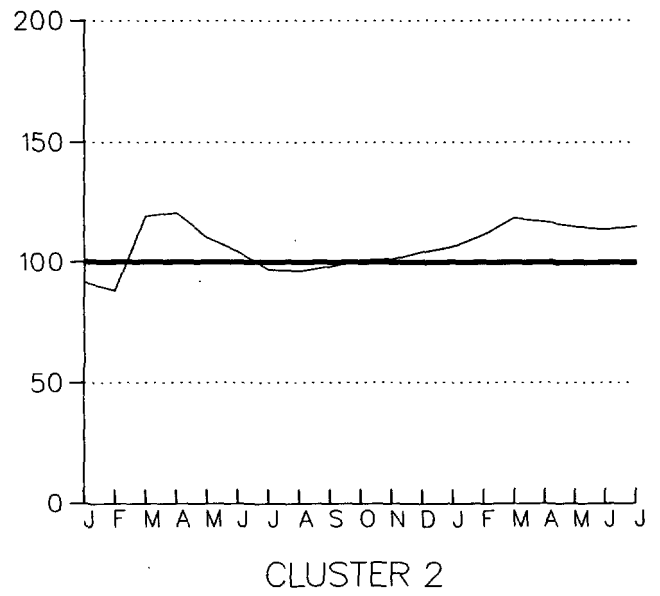
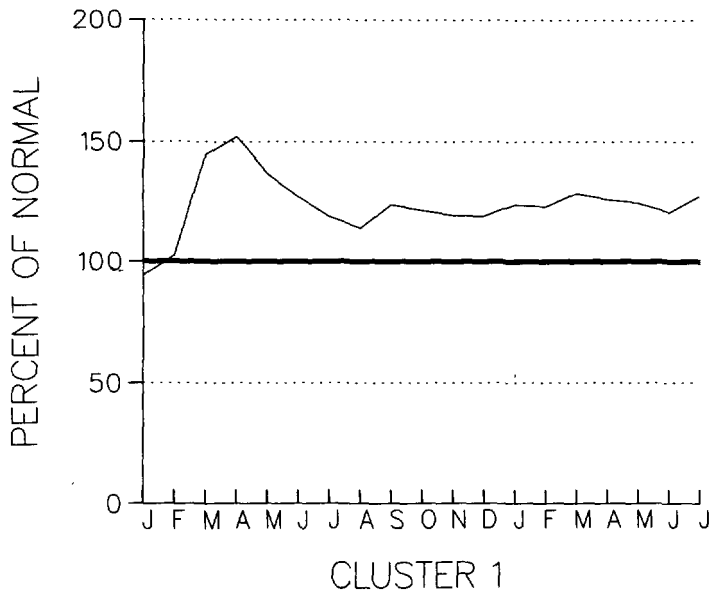
CLUSTER 4 -DIVISION(S):
ALLEGHENY PLATEAU 08



CUMULATIVE PRECIPITATION DEPARTURES FROM NORMAL (1961-1990)
 FOR THE LAST 19 MONTHS
 ENDING JULY 1994
 DELAWARE

CLUSTER 1 -DIVISION(S):
 NORTHERN 01

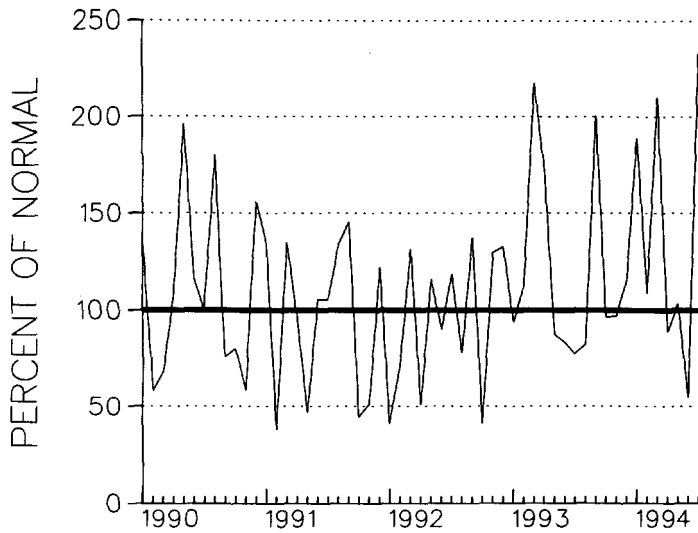
CLUSTER 2 -DIVISION(S):
 SOUTHERN 02



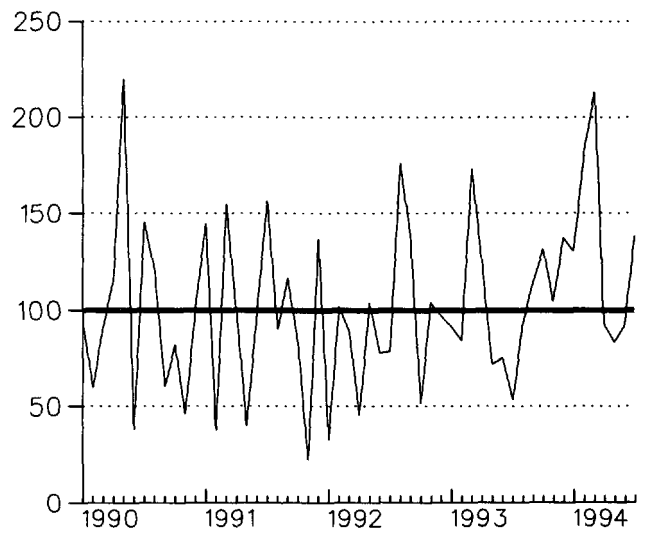
PRECIPITATION DEPARTURES FROM NORMAL (1961-1990)
FOR THE 55 MONTHS
ENDING JULY 1994
DELAWARE

CLUSTER 1 - DIVISION(S):
NORTHERN 01

CLUSTER 2 - DIVISION(S):
SOUTHERN 02



CLUSTER 1

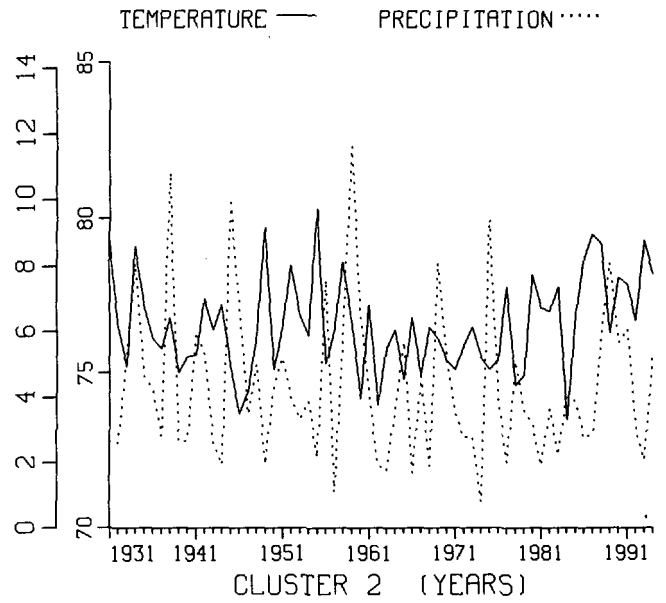
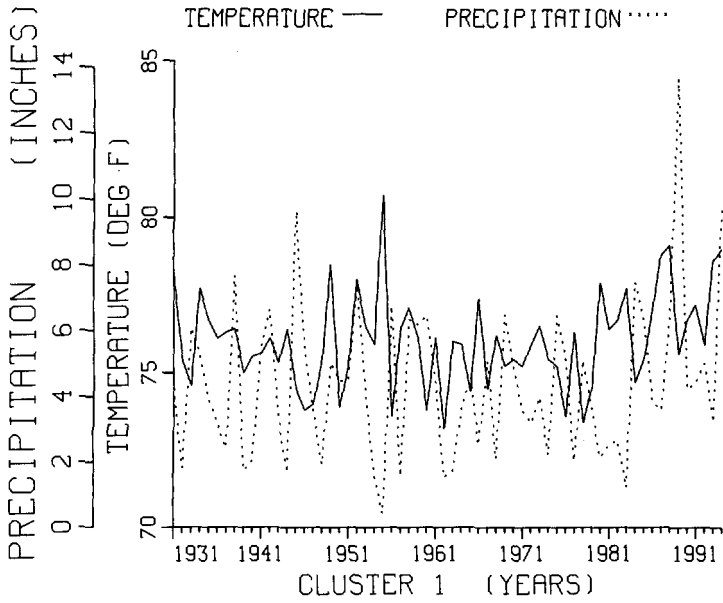


CLUSTER 2

MEAN MONTHLY TEMPERATURES AND PRECIPITATION
THE MONTH OF: JULY
THE PERIOD OF: 1931 - 1994
DELAWARE

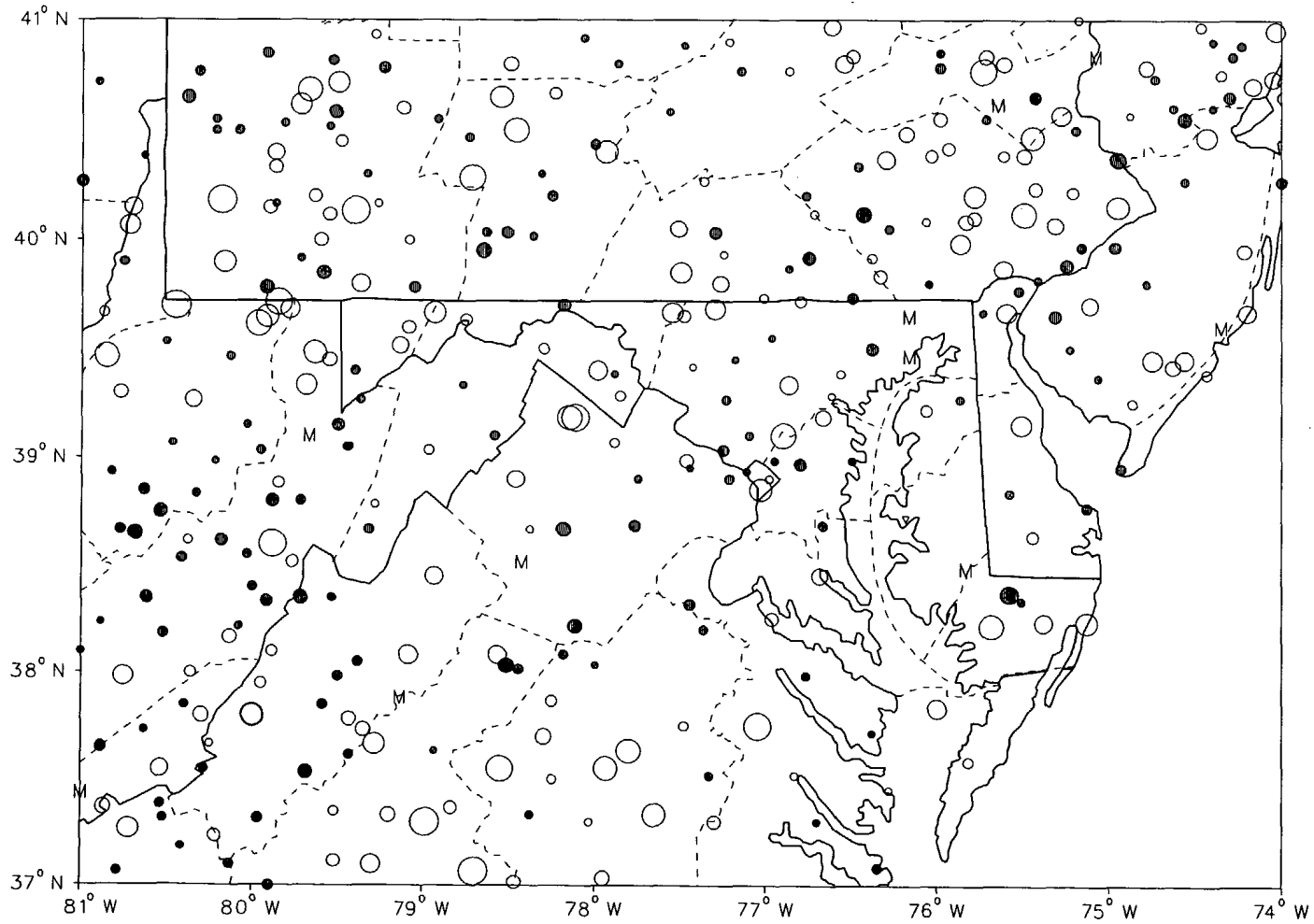
CLUSTER 1 -DIVISION(S):
NORTHERN 01

CLUSTER 2 -DIVISION(S):
SOUTHERN 02

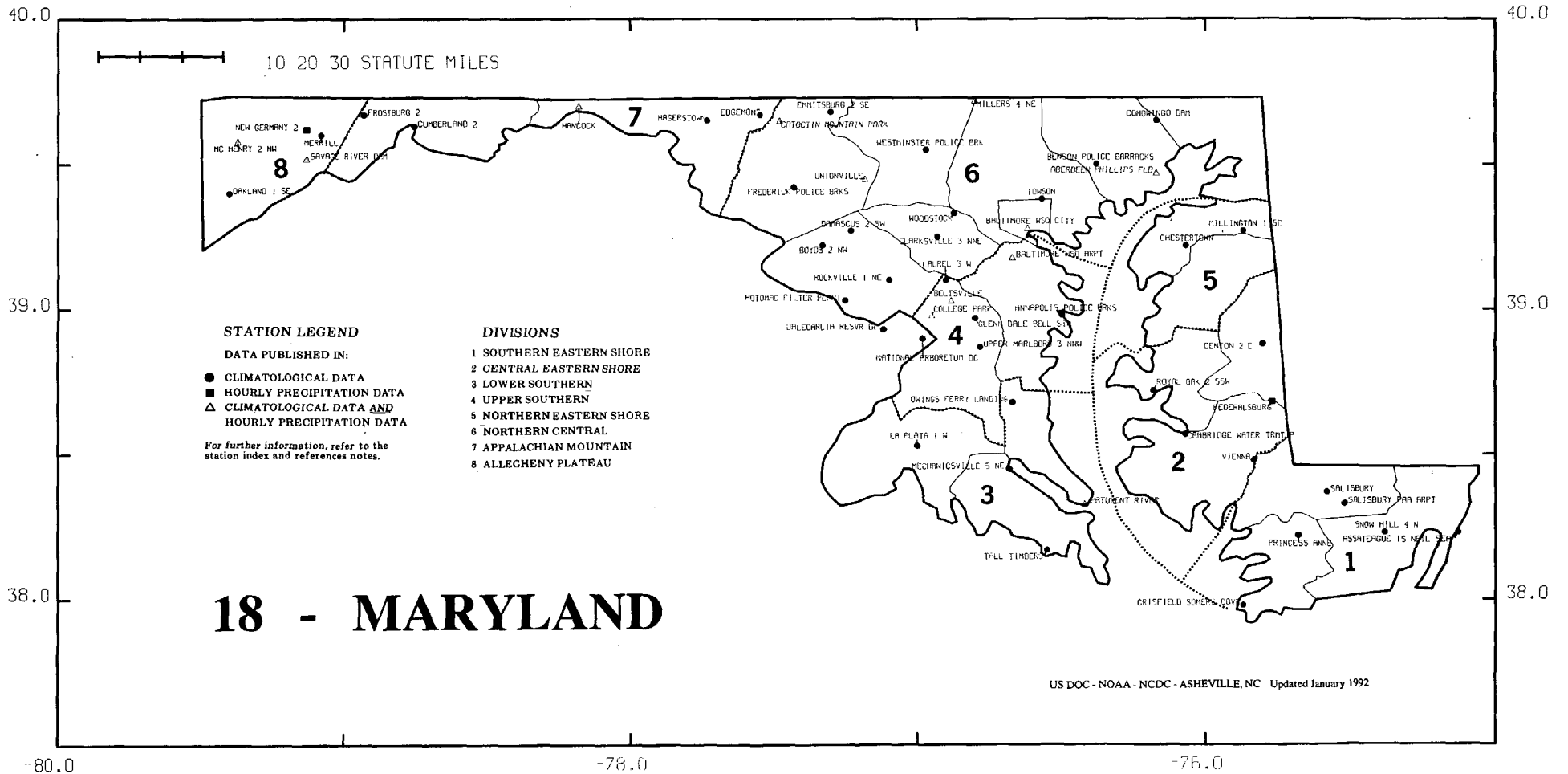


MONTHLY PRECIPITATION DEPARTURE FROM
THE DIVISIONAL AVERAGE FOR
JULY 1994
MARYLAND & DELAWARE

- 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



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

WILMINGTON PORTER RSVR

NEWARK UNIVERSITY FARM

WILMINGTON HSO APT

DOVER

2

MILFORD 4 SE

GREENWOOD 2 NE

LEWES

GEORGETOWN 5 SW
△

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

39.0

39.0

38.0
-76.0

-75.5

38.0
-75.0

STATION	MONTHLY PRECIPITATION TOTALS												ANNUAL 1987 NORTH CAROLINA					
	ANNUAL	MONTH												SEP	OCT	NOV	DEC	
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC					
NORTH CAROLINA																		
ASHEVILLE WSO AP	34.57	1.11	1.85	2.75	0.57	3.55								4.19	5.28	4.28		
ASHEVILLE	25.67	0.71	1.57	1.81	0.53	2.82								2.72	4.15	2.84		
ASHFORD	36.74E	1.20	2.70	2.30	0.54E	1.24E								1.80	4.90	4.80		
BAWEN		1.70	1.30	2.60	1.24E									2.40	4.10	2.90		
B EVERETT JORDAN DAM		1.70	1.50	3.60											1.70			
BOOMER 5 WSH		1.00	2.10															
BURLINGTON 3 WNE		0.80	1.92E															
CAPE HATTERAS WSO	48.86	5.75																
CANTON 8 SE		1.70																
CANTON 8 SE		0.60																
CHARLOTTE WSO AP	26.91																	
CLINTON 3 NE	32																	
DALTON																		
DODSON																		
EDEN																		
ELIZABETH																		
ELIZABETH																		
FAYE																		
FRANK																		
GREENSBORO																		
GREENSBORO																		
HELIX																		
HOBOKEN																		
LAKE LURE																		
LAUREL HURBURG																		
LESLINGTON																		
MOORESVILLE 2																		
MOOREHEAD CITY																		
MOUNT PLEASANT																		
N WILKESBORO 12																		
POLKTON 2 NE																		
QUEBEC																		
RALEIGH-DURHAM WSO																		
ROANOKE RAPIDS																		
ROARING GAP 1 NW																		
SHELBY																		
SHEARS FERRY 2 ENE																		
SUNNYSIDE 2 SSE																		
WELFINGTON WSO AP																		
WILSON 3 SW																		
YADKINVILLE 6 E																		

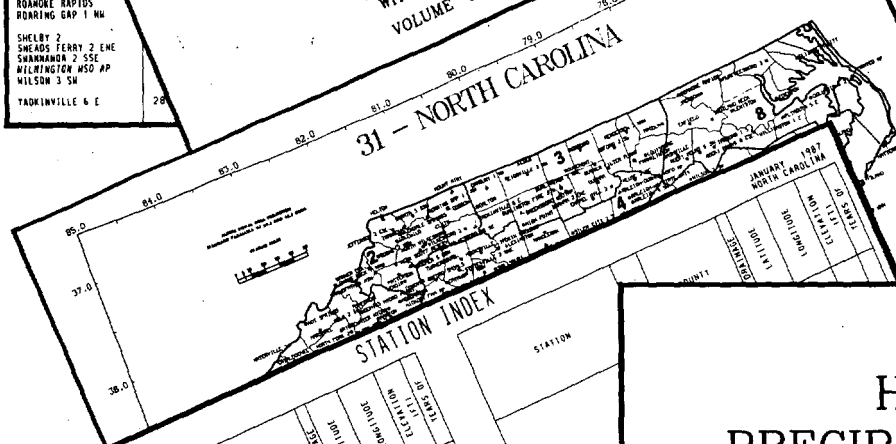
HOURLY PRECIPITATION DATA

NORTH CAROLINA

DECEMBER 1987
WITH ANNUAL SUPPLEMENT
VOLUME 37 NUMBER 12

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



STATION	COUNTY	MONTHLY PRECIPITATION MAXIMA											
		MAXIMA FOR MEASUREMENT PERIODS OF											
STATION	COUNTY	15 MINUTES		30 MINUTES		45 MINUTES		1 HOUR		2 HOURS		3 HOURS	
		NORTH CAROLINA		15	30	45	1	2	3	4	5	6	7
ASHEVILLE WSO AP	ASHEVILLE	10 21/1000	10 21/1000	20 22/1000	20 22/1000	20 22/1000	20 22/1000	20 22/1000	20 22/1000	20 22/1000	20 22/1000	20 22/1000	
ASHEVILLE	ASHEVILLE	10 21/1000	10 21/1000	20 22/1000	20 22/1000	20 22/1000	20 22/1000	20 22/1000	20 22/1000	20 22/1000	20 22/1000	20 22/1000	
ASHFORD	ASHFORD	10 21/1000	10 21/1000	20 22/1000	20 22/1000	20 22/1000	20 22/1000	20 22/1000	20 22/1000	20 22/1000	20 22/1000	20 22/1000	
BAWEN	BAWEN	10 21/1000	10 21/1000	20 22/1000	20 22/1000	20 22/1000	20 22/1000	20 22/1000	20 22/1000	20 22/1000	20 22/1000	20 22/1000	
B EVERETT JORDAN DAM	B EVERETT JORDAN DAM	10 21/1000	10 21/1000	20 22/1000	20 22/1000	20 22/1000	20 22/1000	20 22/1000	20 22/1000	20 22/1000	20 22/1000	20 22/1000	

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

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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.

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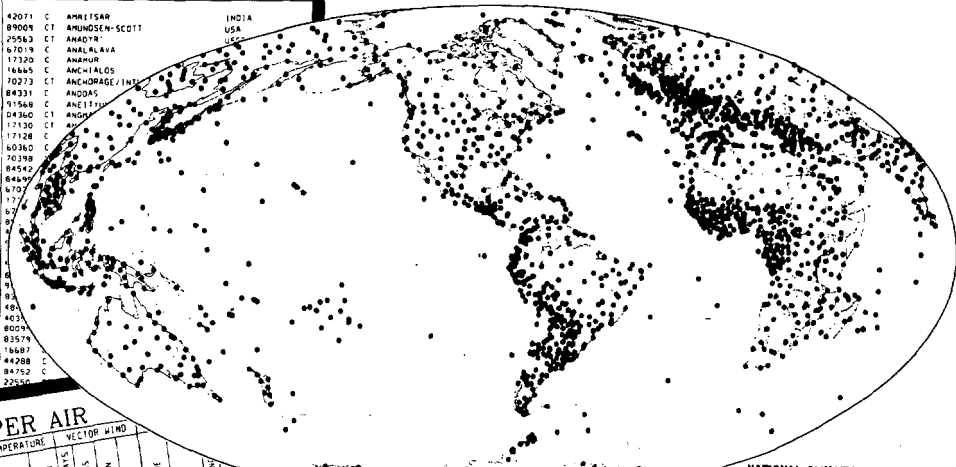
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ASHEVILLE, NORTH CAROLINA

CLIMATIC DATA STATIONS - WORLDWIDE

STATION LIST WMO PUB 9 VOL A

81248	C	SOHAR	PAKISTAN
40831	C	ABDAN	IRAN, ISLAMIC REP
47408	C	ABASHIRI	JAPAN
71108	C	ABBOTSFORD	CANADA
84756	C	ABEHCN	USA
03091	C	ABERDEEN/Dyce	UK
41712	C	ADMA	SAUDI ARABIA
45578	CI	ADJMAN	EGYPT
72266	C	ADLENE, IA	USA
41276	C	ABU DHABI BATEEN AIRPORT	U. ARAB EMIRATES
41271	C	ABU DHABI INTL AIRPORT	U. ARAB EMIRATES
62640	C	ABU HANEI	SUDAN
92299	C	ABU NA'AMA	EL SALVADOR
78550	C	ACKJTLA	MEXICO
76805	C	ACKRUCO, GPO	VENEZUELA
80427	C	ACARIGUA	TURKEY
17352	C	ADANA	ETHIOPIA
63450	CI	ADDIS ABABA	ETHIOPIA
94672	CI	ADELAIDE AIRPORT	AUSTRALIA
41467	C	ADELPHI	USA
65585	C	ADELPHI	USA
40420	C	ADAR	ALGERIA
76878	CI	AEROP. INTL. MEXICO, D.F.	MEXICO
76844	CI	AEROP. INTL. MEXICO, TUC	MEXICO
76394	I	AEROP. INTL. MONTERREY, N.L.	MEXICO
87582	C	AEROPORQUE	ARGENTINA
17190	C	AFIYN	TURKEY
61024	C	AGADEZ	NIGER
60250	C	AGADIR	MOROCCO
81974	C	AGALEGA	MAURITIUS
42261	C	AGRA	INDIA
16817	C	AGRIANON (AIRPORT)	GREECE
42847	CI	AHABAD	INDIA
40560	C	AHN SEPPA	ALGERIA
67949	C	AIQUON EL ARDOUSS	ALGERIA
07561	CI	AJACCIO	CORSE
31168	C	AJAY	INDIA
17484	C	AKHISAR	FRANCE
67992	CI	AKHISAR	FRANCE
61437	CI	AKHISAR	FRANCE



NATIONAL CLIMATIC DATA CENTER



UPPER AIR

STATION	LEVEL	TEMPERATURE		VECTOR WIND		LEVEL	TEMPERATURE		VECTOR WIND	
		MEAN	DEW POINT	SPEED	DIRECTION		MEAN	DEW POINT	SPEED	DIRECTION
ASIA - JAPAN	3000	10.0	10.0	10.0	10.0	3000	10.0	10.0	10.0	10.0
ASIA - JAPAN	3000	10.0	10.0	10.0	10.0	3000	10.0	10.0	10.0	10.0

SURFACE

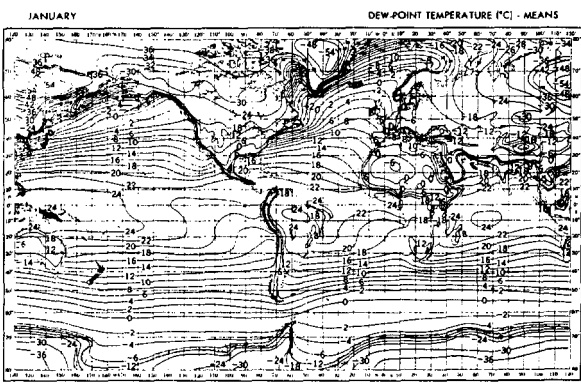
STATION	ELEVATION	TEMPERATURE		VAPOR PRESSURE		PRECIPITATION		SUNSHINE
		MEAN	MAX	MEAN	MAX	TOTAL	NO. OF DAYS	
EUROPE - NORWAY	0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
EUROPE - NORWAY	0	10.0	10.0	10.0	10.0	10.0	10.0	10.0

JANUARY 1988
VOL. 41 NO. 1
ISSN 0027-0296



MONTHLY CLIMATIC DATA FOR THE WORLD

PREPARED IN COOPERATION WITH THE
WORLD METEOROLOGICAL ORGANIZATION



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

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

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

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**HOURLY
PRECIPITATION DATA
ARIZONA**

DECEMBER
WITH ANNUAL SUPPLEMENT

ISSN 0284-6064

**CLIMATOLOGICAL DATA
ANNUAL SUMMARY
ARIZONA**

NUMBER 13

ISSN 0145-0367

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ARIZONA**

VOLUME 35 NUMBER

ISSN 0284-6064

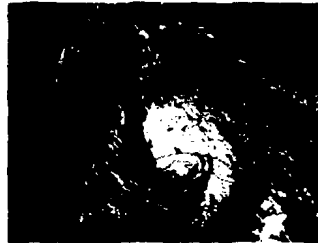
**CLIMATOLOGICAL DATA
ARIZONA**

ISSN 0145-0367

**LOCAL
CLIMATOLOGICAL DATA
Monthly Summary**

STATION	DATE	TEMPERATURE (F)	PRECIPITATION (IN)	RELATIVE HUMIDITY (%)	WIND VELOCITY (MPH)	WIND DIRECTION	WIND GUST (MPH)	SEA LEVEL PRESSURE (IN)	SEA LEVEL PRESSURE (MB)	SEA LEVEL PRESSURE (HG)	SEA LEVEL PRESSURE (MM)	SEA LEVEL PRESSURE (CM)
TUCSON	12/1	65	0.00	65	10	N	15	30.00	1013.25	30.00	1013.25	30.00
TUCSON	12/2	68	0.00	68	10	N	15	30.00	1013.25	30.00	1013.25	30.00
TUCSON	12/3	70	0.00	70	10	N	15	30.00	1013.25	30.00	1013.25	30.00
TUCSON	12/4	72	0.00	72	10	N	15	30.00	1013.25	30.00	1013.25	30.00
TUCSON	12/5	74	0.00	74	10	N	15	30.00	1013.25	30.00	1013.25	30.00
TUCSON	12/6	76	0.00	76	10	N	15	30.00	1013.25	30.00	1013.25	30.00
TUCSON	12/7	78	0.00	78	10	N	15	30.00	1013.25	30.00	1013.25	30.00
TUCSON	12/8	80	0.00	80	10	N	15	30.00	1013.25	30.00	1013.25	30.00
TUCSON	12/9	82	0.00	82	10	N	15	30.00	1013.25	30.00	1013.25	30.00
TUCSON	12/10	84	0.00	84	10	N	15	30.00	1013.25	30.00	1013.25	30.00
TUCSON	12/11	86	0.00	86	10	N	15	30.00	1013.25	30.00	1013.25	30.00
TUCSON	12/12	88	0.00	88	10	N	15	30.00	1013.25	30.00	1013.25	30.00
TUCSON	12/13	90	0.00	90	10	N	15	30.00	1013.25	30.00	1013.25	30.00
TUCSON	12/14	92	0.00	92	10	N	15	30.00	1013.25	30.00	1013.25	30.00
TUCSON	12/15	94	0.00	94	10	N	15	30.00	1013.25	30.00	1013.25	30.00
TUCSON	12/16	96	0.00	96	10	N	15	30.00	1013.25	30.00	1013.25	30.00
TUCSON	12/17	98	0.00	98	10	N	15	30.00	1013.25	30.00	1013.25	30.00
TUCSON	12/18	100	0.00	100	10	N	15	30.00	1013.25	30.00	1013.25	30.00
TUCSON	12/19	102	0.00	102	10	N	15	30.00	1013.25	30.00	1013.25	30.00
TUCSON	12/20	104	0.00	104	10	N	15	30.00	1013.25	30.00	1013.25	30.00
TUCSON	12/21	106	0.00	106	10	N	15	30.00	1013.25	30.00	1013.25	30.00
TUCSON	12/22	108	0.00	108	10	N	15	30.00	1013.25	30.00	1013.25	30.00
TUCSON	12/23	110	0.00	110	10	N	15	30.00	1013.25	30.00	1013.25	30.00
TUCSON	12/24	112	0.00	112	10	N	15	30.00	1013.25	30.00	1013.25	30.00
TUCSON	12/25	114	0.00	114	10	N	15	30.00	1013.25	30.00	1013.25	30.00
TUCSON	12/26	116	0.00	116	10	N	15	30.00	1013.25	30.00	1013.25	30.00
TUCSON	12/27	118	0.00	118	10	N	15	30.00	1013.25	30.00	1013.25	30.00
TUCSON	12/28	120	0.00	120	10	N	15	30.00	1013.25	30.00	1013.25	30.00
TUCSON	12/29	122	0.00	122	10	N	15	30.00	1013.25	30.00	1013.25	30.00
TUCSON	12/30	124	0.00	124	10	N	15	30.00	1013.25	30.00	1013.25	30.00
TUCSON	12/31	126	0.00	126	10	N	15	30.00	1013.25	30.00	1013.25	30.00

STORM DATA

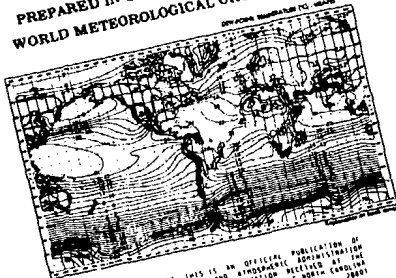


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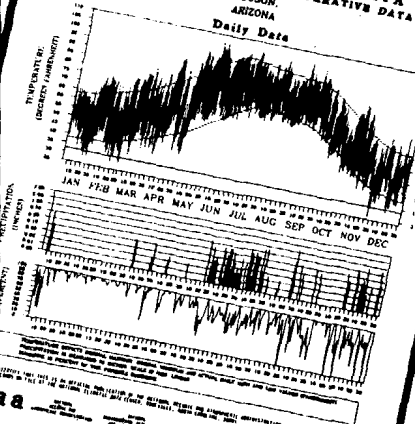
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**LOCAL CLIMATOLOGICAL DATA
ANNUAL SUMMARY WITH COMPARATIVE DATA
TUCSON,
ARIZONA**

Daily Data



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