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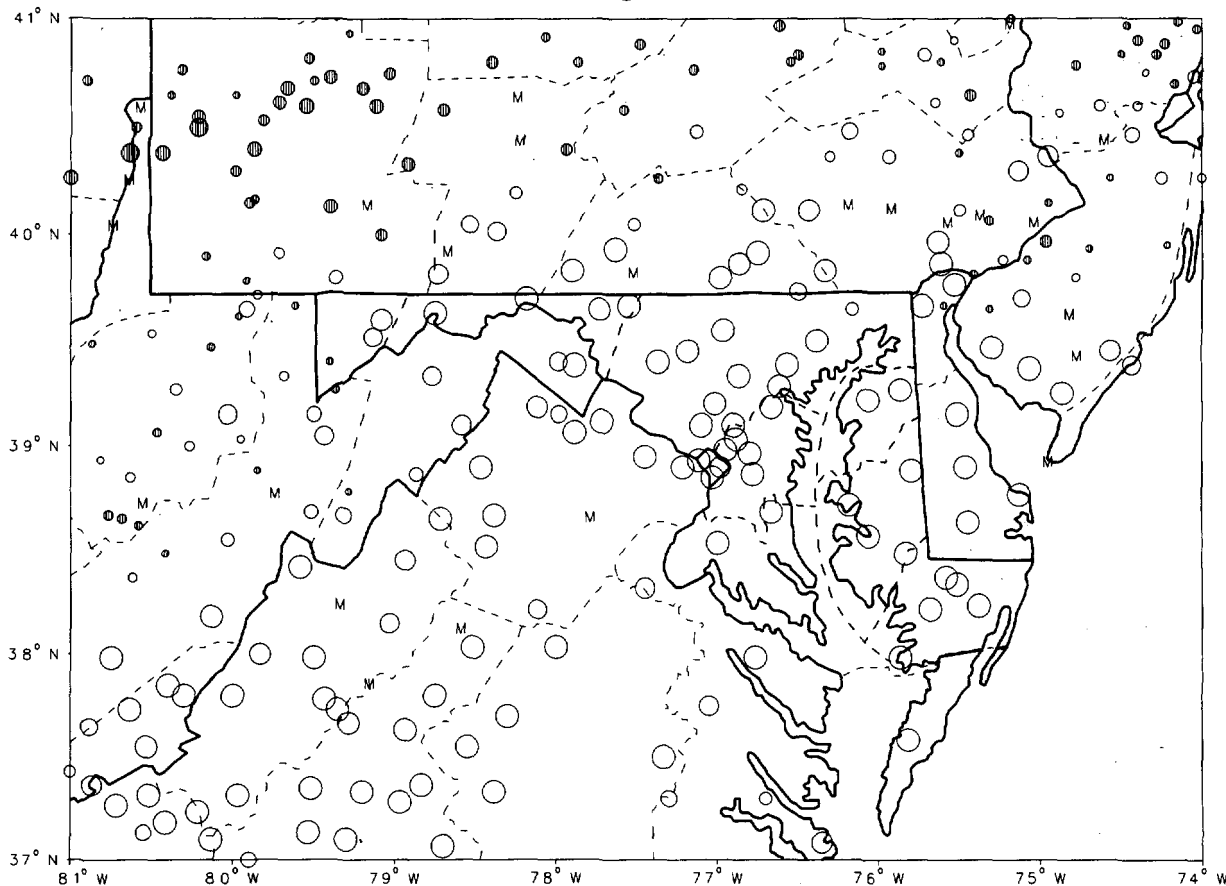
CLIMATOLOGICAL DATA MARYLAND AND DELAWARE

AUGUST 1987

VOLUME 91 NUMBER 8

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

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



CIRCLE DIAMETER IS PROPORTIONAL TO DEPARTURE ON A CONTINUOUS SCALE

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

Kenneth D. Hadlee

DIRECTOR, NATIONAL CLIMATIC DATA CENTER

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NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

NATIONAL ENVIRONMENTAL SATELLITE, DATA AND INFORMATION SERVICE

NATIONAL CLIMATIC DATA CENTER ASHEVILLE NORTH CAROLINA

TEMPERATURE AND PRECIPITATION EXTREMES

MARYLAND AND
DELAWARE
AUGUST 1987

MARYLAND
 HIGHEST TEMPERATURE 100
 LOWEST TEMPERATURE 39
 GREATEST TOTAL PRECIPITATION 4.91
 LEAST TOTAL PRECIPITATION .51
 GREATEST 1 DAY PRECIPITATION 2.12

AUGUST 18+
 AUGUST 24

4 STATIONS
 OAKLAND 1 SE
 OAKLAND 1 SE
 CAMBRIDGE WTR TRMT PL
 MC HENRY 2 NW

AUGUST 23

DELAWARE
 HIGHEST TEMPERATURE 97
 LOWEST TEMPERATURE 49
 GREATEST TOTAL PRECIPITATION 4.21
 LEAST TOTAL PRECIPITATION .78
 GREATEST 1 DAY PRECIPITATION 2.66

AUGUST 28+
 AUGUST 31

3 STATIONS
 GEORGETOWN 5 SW
 WILMINGTON WSO AP R
 GEORGETOWN 5 SW
 WILMINGTON WSO AP R

AUGUST 5

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

MARYLAND AND
DELAWARE
AUGUST 1987

STATION	TEMPERATURE (°F)											PRECIPITATION (IN)							
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST DATE	LOWEST DATE	HEATING DEGREE DAYS	COOLING DEGREE DAYS	NO. OF DAYS				TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY DATE	SNOW SLEET			
									90 OR ABOVE	32 OR BELOW	32 OR BELOW MAX	32 OR BELOW MIN				TOTAL	MAX. DEPTH ON GROUND	DATE	.10 OR MORE
MARYLAND																			
SOUTHERN EASTERN SHORE 01																			
ASSATEAGUE ISLAND NATL SE	88.5	68.4	77.0		95 28+	57 24	0	380	8	0	0	0	1.5		.36	28	.0	0	0
CRISFIELD SOMERS COVE	86.5	70.5	78.6	1.8	98 4+	67 24	0	427	8	0	0	0	1.5	-3.07	.65	28	.0	0	0
PRINCESS ANNE	86.5	64.4	76.9	1.9	97 27+	46 25	2	376	18	0	0	0	1.5	-5.11	.16	5	.0	0	0
SALISBURY	87.5	67.6	77.6	1.6	95 18+	54 25	0	394	12	0	0	0	1.5	-4.65	.90	5	.0	0	0
SALISBURY FAA AP	86.7	64.9	75.6	1.3	96 27+	52 25+	0	336	10	0	0	0	1.5	-5.14	.34	5	.0	0	0
SNOW HILL 4 N	89.0	63.9	76.5	1.5	97 27+	49 25	0	363	16	0	0	0	1.5	-4.54	.37	6	.0	0	0
--DIVISIONAL DATA-->																			
CENTRAL EASTERN SHORE 02																			
CAMBRIDGE WTR TRMT PL	89.1	68.8	79.0	3.4	98 28+	55 25	0	441	14	0	0	0	.51	-4.77	.33	26	.0	0	0
DENTON 2 E	88.9	64.7	76.8	1.2	100 17+	51 31+	1	376	15	0	0	0	.85	-4.13	.33	22	.0	0	0
ROYAL OAK 2 SSW	87.5	67.7	77.6	1.0	96 5+	57 25+	0	400	11	0	0	0	1.0	-4.01	.44	5	.0	0	0
VIENNA	90.2	66.2	78.2	1.9	100 18	53 25	0	416	21	0	0	0	1.0	-4.93	.44	6	.0	0	0
--DIVISIONAL DATA-->																			
LOWER SOUTHERN 03																			
LA PLATA 1 W	84.6	66.2	75.4	.6	95 27	51 24	1	332	7	0	0	0	1.96	-2.96	1.05	5	.0	0	0
MECHANICSVILLE 1 E	84.8	65.2	75.0		94 27+	49 24	4	321	7	0	0	0	1.94		.84	27	.0	0	0
OWINGS FERRY LANDING	87.0	66.2	76.6	1.6	96 27+	53 24	0	366	10	0	0	0	1.72	-2.47	.86	16	.0	0	0
PATUXENT RIVER	84.5	66.9	75.7		95 27+	56 25	0	341	7	0	0	0	1.43		.70	16	.0	0	0
--DIVISIONAL DATA-->																			
UPPER SOUTHERN 04																			
ANNAPOLIS POLICE BRKS	88.1	64.3	76.2		97 4+	53 30+	0	358	14	0	0	0	1.71		.47	5	.0	0	0
BALTIMORE WSO AP	85.9	66.3	76.1	.5	97 4+	52 24	1	352	9	0	0	0	1.61	-3.01	.65	5	.0	0	0
BELTSVILLE	87.7	64.0	75.9	1.9	98 28+	50 30+	0	342	13	0	0	0	1.76	-2.95	.42	6	.0	0	0
COLLEGE PARK	86.6	64.0	75.4	.6	99 5	45 24	14	345	12	0	0	0	1.55	-3.42	.52	6	.0	0	0
DALECARLIA RESVR D C	89.8	67.0	78.4	2.5	99 4	52 30	0	424	17	0	0	0	1.93	-3.62	.35	28	.0	0	0
GLENN DALE BELL STN	88.5	62.7	75.6	1.1	99 5	46 24	3	337	13	0	0	0	2.00	-2.91	.82	10	.0	0	0
LAUREL 3 W	87.5	67.8	77.7	1.5	98 27+	56 30	0	400	13	0	0	0	1.89	-2.28	.60	31	.0	0	0
NATIONAL ARBORETUM D C	88.7	64.1	76.4	.3	98 28	50 30+	0	361	16	0	0	0	2.91	-2.19	1.42	6	.0	0	0
UPPER MARLBORO 3 NNW	86.6	63.9	75.3		98 5	48 24	1	325	10	0	0	0	1.99	-2.67	.54	6	.0	0	0
--DIVISIONAL DATA-->																			
NORTHERN EASTERN SHORE 05																			
CHESTERTOWN	88.0	66.3	77.2	1.4	99 5	56 30+	0	386	13	0	0	0	.62	-3.99	.35	22	.0	0	0
MILLINGTON 1 SE	87.2	63.2	75.2	.7	97 17+	51 31+	2	328	13	0	0	0	.58	-4.16	.37	22	.0	0	0
--DIVISIONAL DATA-->																			
NORTHERN CENTRAL 06																			
ABERDEEN PHILLIPS FLD		64.3	78.7		96 5+	51 24			6	0	0	0	1.61		.0	0	.0	0	0
BALTIMORE WSO CI	86.9	70.5	78.7	.3	100 4	60 30+	0	431	11	0	0	0	1.38	-3.29	.81	5	.0	0	0
BENSON POLICE BARRACKS	88.7	68.2	75.5	1.7	98 5+	50 25	1	333	17	0	0	0	1.50		.50	22	.0	0	0
BOYDS 2 NW	85.3	65.2	75.3		95 17	50 24	2	328	8	0	0	0	2.00	-3.65	.0	0	.0	0	0
CATOCTIN MOUNTAIN PARK	80.1	62.5	71.3		90 18	50 25+	16	221	1	0	0	0	1.66		.72	22	.0	0	0
CLARKSVILLE 3 NNE	87.6	60.9	74.3		96 17+	43 24	10	305	14	0	0	0	1.66		.42	22	.0	0	0
CONOWINGO DAM	84.5	61.2	72.9	-1.1	96 4	40 30	5	256	7	0	0	0	3.00	-.85	1.45	5	.0	0	0
DAMASCUS 2 SW	85.0	64.5	74.8		95 17	48 24	4	311	8	0	0	0	1.26		.45	22	.0	0	0
EMMITSBURG 2 SE	85.0	62.1	73.6		95 17+	45 24	10	284	8	0	0	0	1.35		.60	22	.0	0	0

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION (INCHES)

MARYLAND AND
DELAWARE
AUGUST 1987

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 ISLAND NATL SE	1.52	.35	.01			.24	.01								.01	.24				T			.05			.03		.36	.22			
CRISFIELD SOMERS COVE	1.32				.52										.15								.12				.65					
PRINCESS ANNE	.52				.16										.11								.12				.02	.05				
SALISBURY	1.07					.90																	.12				.03	.06				
SALISBURY FAA AP	.58				.34	.02														T			.13				.01				T	
SNOW HILL 4 N CENTRAL EASTERN SHORE 02																																
CAMBRIDGE WTR TRMT PL	.51	T				.33										.22				T			.07			T	.03	.12	.07			
DENTON 2 E	.85				.10	.08				.24																		T	.08	.02		
ROYAL OAK 2 SSW	1.08	.03			.44					.05										T						T	T	.19				
VIENNA	.70					.44																	.17			.07		.02				
LOWER SOUTHERN 03																																
LA PLATA 1 W	1.96				1.05					.30						.33			.02			T	.04			T	.11	.09	.02			
MECHANICSVILLE 1 E	1.94				.38	T				.02					.27								.38	.05		T	.84					
OMINGS FERRY LANDING	1.72				.15	.29									.86								.42			T						
PATUXENT RIVER	1.43				.25	.01									.70					.10			.20				.01	.16				
UPPER SOUTHERN 04																																
ANNAPOLIS POLICE BRKS	1.71	.04			.47	.17				.29													.35					.39				
BALTIMORE HSO AP	1.61	.15	T		.65					T					.15				.03			.37				.01	.01	.01			.24	
BELTSVILLE	1.76				.42					.32					.01	.16							.39				T	.37	.08			
COLLEGE PARK	1.58				.52					.29					T	.16				T			.38				.23					
DALECARLIA RESVR D C	.98				.16					.22					.22								.21	.03				.35	.01			
GLENN DALE BELL STN	2.00				.07	.29				.82					.22					T			.34					.24	.02			
LAUREL 3 W NATIONAL ARBORETUM D C UPPER MARLBORO 3 NNW																																
LAUREL 3 W	1.89				.19				.16						.23								.28				.10	.33			.60	
NATIONAL ARBORETUM D C	2.91	.52			1.42										.04	.09							.28				.07	.21	.28			
UPPER MARLBORO 3 NNW	1.99				.54				.13						.50								.38				.06	T	.38			
NORTHERN EASTERN SHORE 05																																
CHESTERTOWN	.62				.05	.02									T				.15			.35				T		.05				
MILLINGTON 1 SE	.58				T	.14																.37					T		.07			
NORTHERN CENTRAL 06																																
ABERDEEN PHILLIPS FLD	.61				T	.17														.02		*	*	.36			.01	.05			T	
BALTIMORE HSO CI	1.28	.03			.81															.05			.35				.02	.02				
BENSON POLICE BARRACKS	1.26				.20	.17										T							.50				.09	.18				
BOYDS 2 NW	2.50				.09					.52					.11								.36				.03					
BRIGHTON DAM	2.14	.17	.01	.01	.01		.01		.11						.28	.08						.10				.10		.02			1.30	
CATOCTIN MOUNTAIN PARK	1.66				.49	.06																.12	.01				.17	.06	.03			
CLARKSVILLE 3 NNE	.66				.01					T					.15							.03					T	.05				
CONNINGO DAM	3.69				1.45	.02	T		.70						T							.72					.07	.05				
DAMASCUS 2 SW	1.26	.02			.05	.01			.21						.06							.12				.04	.07	.06	.06		.67	
EMMITSBURG 2 SE	1.35				.52																	.05				T	.15	.03			.11	
FREDRICK POLICE BRKS POTOMAC FILTER PLANT ROCKVILLE 1 NE TOWSON																																
FREDRICK POLICE BRKS	1.37	.04			.58					.02										.10			.52				T	.06	T	.02		
FREDRICK 3 E	1.29	.04		.02		.17				T															.52		.08	.09	.03			
POTOMAC FILTER PLANT	1.43				.12					.62					.20							.08						.08				
ROCKVILLE 1 NE	2.09				.01					.76					.46							.04					T	T	.52			
TOWSON	.96				.02			.02															.78	.02			.01	.04	.07			
UNIONVILLE WESTMINSTER POLICE BRK WOODSTOCK																																
UNIONVILLE	1.37				.26				.11		.08							.06					.56				.30					
WESTMINSTER POLICE BRK	1.21				.12					.20													.64	.03			.15	T	T			
WOODSTOCK	.78				.19				.02						.04								.45				.05	T	T	.02		

SEE REFERENCE NOTES FOLLOWING STATION INDEX
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DAILY PRECIPITATION (INCHES)

MARYLAND AND
DELAWARE
AUGUST 1987

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
APPALACHIAN MOUNTAIN 07																																
CUMBERLAND 2	1.53			.40			.35			.05														.42				.21	.10			
EDGE MONT	1.64						.70																.65				.22	.02				
FROSTBURG 2	2.34		.01	.47			.30		T		.20	.02									.04		.81				.01	.26	.21	.01		
HAGERSTOWN	1.94					.52												T	.05								.12	.04	.01	T		
HANCOCK FRUIT LAB	1.48			.12		.41				T	.02												.48				.12	.04	.01			
ALLEGHENY PLATEAU 08																							.56	.03				.12	.15	.07		
MC HENRY 2 NW	3.60			.42		T	.46			.06																						
MERRILL	2.01			.32			.35			.20																						
OAKLAND 1 SE	4.91			.72		1.09																										
SAVAGE RIVER DAM	2.26			.36		.14	.20			.03																						
DELAWARE NORTHERN 01																																
MIDDLETOWN 3 E	1.15					.55																										
NEWARK UNIVERSITY FARM	2.17				1.00	.13				.13																						
WILMINGTON WSO AP	4.21			T	2.66	T			T	.22														.34				.05	.02	.50		
WILMINGTON PORTER RESVR	2.19				.20	.15				.11																		.01	.05	.01		
SOUTHERN 02																																
DOVER	2.14				.12	1.42																										
GEORGETOWN 5 SW	.78				.43	.14																		.20	.05							
GREENHOOD 2 NE	2.17				.95				.10	.63																						
LEWES	2.39				.90	.39	T																									
MILFORD 4 SE	1.01				.11	.08				.58																						

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES (°F)

MARYLAND AND
DELAWARE
AUGUST 1987

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 ISLAND NATL	07	MAX	91	83	92	95	88	92	81	84	87	87	95	80	82	79	79	84	83	87	90	85	89	84	82	84	80	80	80	95	90	89	75	85.5	
		MIN	71	72	73	72	74	73	71	68	69	76	66	65	69	67	72	73	74	76	72	67	65	67	73	57	60	65	65	63	68	58	59	68.4	
CRISFIELD SOMERS COVE	17	MAX	88	86	92	98	95	86	87	88	90	89	82	86	84	86	87	88	90	90	88	88	91	81	82	77	76	80	94	89	89	80	77	86.6	
		OBS	73	74	78	75	74	78	67	71	76	75	70	64	65	64	70	78	79	76	73	71	68	75	73	60	65	61	70	69	69	62	63	70.5	
		OBS							*****											*****															
PRINCESS ANNE	17	MAX	91	87	93	94	96	95	94	90	92	92	89	86	83	85	88	90	95	95	95	91	90	86	83	79	97	83	79	97	96	94	83	82	89.5
		MIN	71	64	74	70	69	67	63	65	71	79	59	57	59	57	65	71	72	74	67	63	56	64	73	47	46	65	63	69	69	51	50	64.2	
SALISBURY	17	MAX	90	86	92	95	94	89	84	88	92	91	88	85	81	82	88	89	92	95	91	91	88	84	82	79	78	77	94	94	88	85	80	87.5	
		MIN	70	68	74	73	74	72	65	68	73	78	63	62	63	62	69	73	74	78	71	68	62	68	72	55	54	65	65	71	72	57	56	76.6	
SALISBURY FAA AP	MID	MAX	84	86	92	93	94	81	83	89	91	90	81	84	80	84	86	88	93	95	84	90	88	81	81	78	79	78	96	94	86	81	81	86.2	
		MIN	70	65	75	72	72	70	64	67	73	69	62	61	59	60	66	72	75	72	69	64	59	66	56	54	52	64	65	71	62	54	52	64.9	
SNOW HILL 4 N	18	MAX	85	89	96	96	97	96	91	91	93	94	90	84	81	85	87	89	95	94	89	92	90	83	83	81	81	78	97	96	91	86	80	89.0	
		MIN	71	63	72	69	67	70	64	64	71	77	59	57	59	58	64	68	72	74	66	62	57	61	72	50	49	65	61	68	69	52	50	63.9	
CENTRAL EASTERN SHORE 02																																			
CAMBRIDGE WTR TRMT PL	16	MAX	93	89	94	96	98	85	86	90	92	92	89	87	87	84	90	91	98	97	94	89	89	87	80	80	79	76	98	98	86	85	82	89.1	
		MIN	72	68	75	74	73	72	68	70	75	79	66	63	64	65	70	72	74	76	71	67	64	71	71	63	55	66	66	69	72	62	59	68.8	
DENTON 2 E	17	MAX	88	89	96	100	99	76	85	92	93	94	86	85	82	85	90	91	100	99	92	92	93	87	81	80	77	81	97	93	88	83	82	88.9	
		MIN	68	65	75	72	71	71	61	67	73	73	59	58	55	54	68	66	71	74	72	64	55	68	70	62	51	62	62	68	67	52	51	64.7	
ROYAL OAK 2 SSW	18	MAX	88	89	95	96	96	76	86	89	93	91	87	86	86	87	92	92	94	94	87	90	88	88	81	79	76	79	95	87	85	81	80	87.5	
		MIN	70	71	76	74	71	71	64	72	74	74	62	62	59	57	70	73	76	78	69	67	61	71	71	59	57	64	65	70	70	60	62	67.7	
VIENNA	18	MAX	94	93	92	98	98	90	85	91	92	94	92	90	86	85	90	93	95	100	98	92	90	80	82	82	81	79	98	98	90	85	84	90.2	
		OBS													***																				
		MIN	69	68	72	72	71	70	63	76	75	74	58	64	59	58	68	73	74	75	68	64	58	69	70	56	53	62	65	68	70	55	55	66.2	
		OBS													***																				
LOWER SOUTHERN 03																																			
LA PLATA 1 W	18	MAX	84	85	91	91	92	78	84	88	92	91	84	84	81	81	87	85	91	89	85	85	87	82	77	77	73	75	95	88	81	81	79	84.6	
		OBS																																	
		MIN	69	69	77	73	71	71	67	71	73	75	62	61	60	58	66	71	71	73	68	65	58	70	67	51	57	62	64	70	68	54	60	66.2	
		OBS																																	
MECHANICSVILLE 1 E	19	MAX	84	87	93	94	93	74	86	89	92	88	83	85	82	82	88	85	92	91	84	87	87	77	78	77	74	75	94	89	82	78	79	84.8	
		MIN	69	68	74	72	71	71	64	69	73	76	60	59	60	55	66	71	72	73	67	64	55	66	66	49	52	62	63	72	70	54	58	65.2	
OWINGS FERRY LANDING	17	MAX	86	87	96	96	96	79	83	90	93	89	89	85	85	84	89	87	94	93	93	88	87	81	79	79	77	76	96	95	84	82	80	87.0	
		MIN	70	68	76	74	72	71	66	70	74	75	61	60	59	57	65	70	72	75	69	66	58	66	68	53	55	62	65	71	72	54	59	66.2	
PATUXENT RIVER	MID	MAX	85	88	93	91	91	75	81	90	92	89	83	83	82	84	85	86	95	89	85	85	86	78	77	76	79	76	95	85	82	77	77	84.5	
		MIN	74	75	75	75	68	67	66	69	72	70	66	61	64	63	69	73	72	70	68	66	64	67	63	58	56	65	67	69	63	59	61	66.9	
UPPER SOUTHERN 04																																			
ANNAPOLIS POLICE BRKS	17	MAX	92	89	97	97	96	73	89	90	92	93	91	87	86	85	91	90	92	93	88	89	89	87	84	80	80	75	93	93	86	83	80	88.1	
		MIN	67	69	72	74	69	66	66	68	71	70	62	62	61	60	67	70	69	73	69	63	56	66	64	53	53	61	60	60	61	53	59	64.3	
BALTIMORE WSO AP	MID	MAX	86	87	95	97	95	78	83	91	92	91	85	83	83	83	89	86	95	95	84	89	89	77	79	77	74	78	96	83	83	80	80	85.9	
		MIN	73	70	76	77	72	69	67	73	74	68	66	65	61	59	68	71	72	77	70	65	58	68	60	52	54	64	66	66	61	54	58	66.3	
BELTSVILLE	08	MAX	95	86	90	96	98	95	95	85	94	96	91	86	85	83	85	89	87	97	94	85	89	90	78	80	79	75	78	98	78	83	80	87.7	
		MIN	72	66	67	72	70	70	65	67	73	70	61	59	57	56	65	69	69	73	69	63	55	66	66	50	52	59	62	67	66	50	57	64.0	
COLLEGE PARK	09	MAX	94	88	91	97	99	96	78	83	94	97	92	87	86	87	85	91	88	98	95	85	89	87	71	73	72	80	77	97	73	78	78	86.6	
		MIN	70	67	76	74	74	72	63	70	73	67	64	62	57	59	67	73	74	77	72	67	58	66	59	45	46	55	59	61	62	47	53	64.2	
DALECARLIA RESVR D C	17	MAX	94	91	98	99	98	85	87	95	96	95	92	86	86	96	91	90	96	96	92	88	89	88	81	80	78	77	98	94	84	81	82	89.8	
		MIN	72	71	75	72	62	70	74	72	80	75	60	59	59	71	66	69	71	74	71	75	75	70	66	70	71	61	67	66	66	52	60	67.0	
		OBS																																	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES (°F)

MARYLAND AND
DELAWARE
AUGUST 1987

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				
			GLENN DALE BELL STN	16	MAX MIN	92 70	89 68	94 74	97 70	99 69	78 59	83 63	92 69	94 71	95 69	91 56	85 58	84 55	83 53	68	69	93 68	94 72	95 63	87 62	88 51	89 66	89 65	79 46	78 49	77 60	97 66	82 67		83 52	82 55	88.5 62.7
LAUREL 3 W	MID	MAX MIN	92 72	91 69	97 74	98 80	96 71	81 69	86 65	95 77	94 73	89 69	87 69	87 68	85 67	85 70	90 61	92 74	98 73	95 74	85 69	89 64	91 62	88 62	91 62	76 63	80 60	78 60	75 65	78 57	98 65	83 60	82 56	81 58	79 67.8		
NATIONAL ARBORETUM D C	08	MAX MIN	94 67	86 66	91 70	95 71	97 71	95 68	92 64	90 65	93 71	92 73	89 69	92 65	85 58	83 56	84 64	90 66	89 70	97 75	95 68	85 65	88 57	91 70	83 66	80 50	79 52	75 57	80 61	98 65	93 65	88 50	81 51	88.7 64.1			
UPPER MARLBORO 3 NNW	08	MAX MIN	93 70	86 67	89 73	96 73	98 71	95 71	78 64	84 67	91 71	94 74	90 58	85 59	85 58	83 55	82 64	88 66	87 70	94 74	85 66	89 63	88 54	88 60	77 67	80 48	78 52	75 58	77 62	97 68	84 68	83 52	80 57	86.6 63.9			
NORTHERN EASTERN SHORE	05																																				
CHESTERTOWN	23	MAX MIN	89 69	90 69	96 76	97 75	99 73	75 69	86 63	92 71	94 74	93 69	89 62	89 62	85 58	87 60	93 70	98 74	95 75	86 69	90 67	89 60	78 69	81 67	78 59	76 56	79 63	96 63	85 66	83 65	85 56	82 59	88.0 66.3				
MILLINGTON 1 SE	18	MAX MIN	86 63	87 67	94 75	97 72	96 69	77 69	83 61	91 68	93 72	92 75	87 57	85 57	83 56	85 55	91 65	89 64	97 70	96 70	93 64	91 63	89 54	79 64	79 68	78 51	75 51	77 59	94 61	91 66	83 71	83 52	82 51	87.2 63.2			
NORTHERN CENTRAL	06																																				
ABERDEEN PHILLIPS FLD	16	MAX MIN			93 78	96 71	96 70	82 69	82 65	70		89 74	89 64	86 60	84 58	82 59		94 70	93 76	92 61	86 63	87 54				77 51	77 53	77 60	83 67	83 63			80 58	M 64.3			
BALTIMORE WSO CI	MID	MAX MIN	86 74	86 75	98 76	100 80	96 73	78 72	84 70	95 74	94 78	92 70	88 68	86 71	84 66	84 65	90 73	88 75	97 77	98 80	85 76	90 72	87 68	87 60	78 62	79 67	78 60	74 62	77 66	99 69	82 66	82 64	81 60	79 66	86.9 70.5		
BENSON POLICE BARRACKS	17	MAX MIN	94 66	88 68	96 73	98 70	98 66	76 66	84 59	92 68	91 69	92 71	90 57	89 60	88 55	87 66	92 65	94 65	96 73	96 63	90 63	90 54	89 64	80 60	80 51	80 50	77 50	76 56	93 58	92 60	82 65	84 53	83 52	88.7 62.2			
BOYDS 2 NW	18	MAX MIN	85 70	89 79	93 72	94 71	84 71	83 66	91 65	94 70	88 72	88 72	84 60	85 62	83 60	84 57	88 67	86 69	87 71	87 74	84 67	88 64	87 61	87 80	75 67	77 62	76 50	74 55	74 60	94 63	87 66	80 67	79 54	81 58	85.3 65.2		
CATOCTIN MOUNTAIN PARK	17	MAX OBS MIN	84 66	82 69	87 68	87 70	88 68	76 64	85 65	84 68	83 68	84 71	81 57	80 60	78 58	82 65	79 67	88 70	90 72	88 64	81 62	81 60	80 65	81 54	73 50	73 50	71 50	67 50	67 55	70 60	83 64	75 63	73 53	76 58	80.1 62.5		
CLARKSVILLE 3 NNE	17	MAX MIN	90 68	89 65	96 74	96 67	94 66	81 68	83 60	94 66	95 68	90 71	90 52	84 56	85 54	90 62	88 65	96 77	95 77	88 60	89 48	89 60	88 53	89 60	80 48	78 56	74 47	78 59	93 62	90 64	83 67	81 45	80 52	87.6 60.9			
CONOWINGO DAM	MID	MAX MIN	84 65	87 69	94 73	96 70	90 67	77 63	83 59	90 66	91 68	88 64	84 58	85 55	83 65	83 65	87 65	88 70	91 70	93 62	89 61	88 53	87 53	79 61	78 53	78 53	76 51	77 53	81 61	73 62	80 65	81 40	80 52	84.5 61.2			
DAMASCUS 2 SW	19	MAX MIN	85 69	88 70	93 73	94 70	87 70	83 66	91 64	94 72	88 72	89 73	84 60	85 61	83 59	84 68	88 68	86 71	87 73	84 67	88 64	90 57	95 73	93 73	82 67	86 64	88 57	75 69	79 60	76 48	73 54	74 60	93 62	84 65	80 55	81 60	85.0 64.5
EMMITSBURG 2 SE	17	MAX OBS MIN	90 68	84 71	93 73	95 64	92 68	81 66	81 66	90 68	89 71	89 73	86 54	84 60	82 57	82 68	89 68	87 67	95 71	94 75	90 66	86 58	86 45	87 67	78 59	77 45	75 48	71 56	76 59	89 64	79 64	79 46	80 53	85.0 62.1			
FREDRICK POLICE BRKS	17	MAX MIN	92 70	87 72	93 74	96 72	96 72	84 68	86 68	92 70	93 76	93 76	91 60	86 64	86 62	84 58	89 68	90 71	97 70	95 78	88 67	89 67	90 56	88 56	88 55	79 49	79 61	79 60	75 49	92 60	92 68	82 70	81 54	81 61	88.1 66.2		
ROCKVILLE 1 NE	17	MAX MIN	87 76	92 76	98 79	99 78	94 76	86 72	87 68	96 76	98 80	93 70	89 64	88 65	86 62	85 60	91 70	89 72	97 76	95 76	87 72	89 68	91 58	89 58	91 53	79 73	80 64	78 53	75 55	76 65	98 70	82 70	82 63	82 55	82 66	88.1 68.6	
TOWSON	18	MAX OBS MIN	92 68	87 71	88 73	99 64	98 68	94 66	92 66	95 68	92 71	90 73	87 54	91 60	88 57	82 68	93 68	87 67	90 71	91 75	88 66	91 58	88 45	90 67	92 59	96 45	97 48	79 56	79 59	78 45	84 56	85 64	83 46	80 53	81 61	88.3 62.4	
UNIONVILLE	18	MAX MIN	90 62	87 62	93 70	94 65	93 65	84 59	81 61	91 67	91 62	92 66	90 52	85 55	86 52	84 50	88 58	88 62	95 68	91 57	87 46	88 54	88 47	88 47	76 60	75 60	75 43	74 47	92 51	89 49	81 60	80 45	80 42	80 42	86.3 56.2		
WESTMINSTER POLICE BRK	17	MAX OBS MIN	91 65	87 68	92 71	95 70	94 70	94 65	80 61	91 66	92 67	93 70	86 58	86 56	83 55	82 55	89 65	87 67	96 73	93 66	86 62	86 56	87 66	77 58	76 52	73 53	74 56	89 59	96 61	79 65	79 51	80 51	80 57	86.6 62.4			
WOODSTOCK	18	MAX MIN	88 72	88 69	95 74	96 70	95 69	81 69	82 64	92 70	93 78	91 73	86 57	86 61	84 58	85 66	90 66	87 68	96 74	94 74	92 63	87 63	89 53	85 67	80 63	77 47	74 50	76 60	93 63	89 65	82 66	81 50	80 56	86.9 64.0			

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES (°F)

MARYLAND AND
DELAWARE
AUGUST 1987

STATION	OBS. 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			
APPALACHIAN MOUNTAIN	07																																			
CUMBERLAND 2	18	MAX	92	94	94	96	91	87	88	94	92	89	86	88	88	91	94	94	100	96	92	89	91	88	77	76	72	66	88	84	79	82	83	87.8		
		MIN	67	68	68	68	66	67	67	67	72	58	60	61	59	59	60	67	73	63	64	53	56	56	47	47	50	57	59	67	50	53	56	60.8		
FROSTBURG 2	07	MAX	85	81	85	85	88	74	80	79	86	85	78	78	79	79	82	86	86	91	85	86	78	85	73	68	69	67	69	78	75	67	73	79.4		
		MIN	63	63	65	62	63	61	62	62	61	65	55	55	59	56	57	58	65	67	60	60	52	51	53	45	45	45	52	65	60	47	47	57.5		
HAGERSTOWN	18	MAX	88	90	96	97	93	86	83	94	90	89	86	88	86	85	91	88	98	95	88	88	87	85	89	78	71	71	91	86	83	81	83	87.2		
		OBS																																		
		MIN	65	65	71	68	68	67	68	68	70	74	59	64	64	60	67	72	72	74	65	64	55	65	58	50	51	59	58	63	67	51	60	63.9		
		OBS																																		
HANCOCK FRUIT LAB	16	MAX	89	91	94	95	94	84	84	90	90	90	84	85	90	87	89	90	98	97	91	90	89	88	78	79	76	69	90	87	84	79	84	87.3		
		MIN	61	69	67	65	66	65	63	65	68	69	52	56	60	64	62	62	69	69	57	68	47	63	59	43	43	57	56	62	65	46	53	60.4		
ALLEGHENY PLATEAU	08																																			
MC HENRY 2 NW	08	MAX	84	82	89	81	87	77	80	83	85	85	80	77	81	81	83	87	91	91	84	87	80	85	72	69	70	69	71	77	72	65	75	80.0		
		MIN	63	64	61	62	65	60	60	62	64	66	54	56	59	58	59	60	65	62	57	56	54	56	46	47	47	50	50	62	55	48	50	57.4		
OAKLAND 1 SE	17	MAX	83	88	86	87	87	82	84	83	83	84	76	79	80	82	85	85	91	90	84	83	84	83	73	69	68	73	80	78	72	74	73	80.9		
		MIN	54	61	63	63	64	58	61	60	63	69	55	61	57	52	50	59	63	64	53	50	43	58	49	39	40	51	59	65	58	45	47	55.9		
SAVAGE RIVER DAM	08	MAX	89	87	90	85	91	73	82	85	90	88	80	82	83	84	85	88	90	93	88	91	84	90	72	72	71	72	83	77	71	76	83.1			
		MIN	59	62	65	65	66	62	63	61	63	66	55	56	57	55	56	57	60	67	56	56	49	50	52	44	42	44	53	58	63	48	48	56.7		
DELAWARE																																				
NORTHERN	01																																			
MIDDLETOWN 3 E	17	MAX	84	87	94	95	93	76	82	90	91	89	84	84	81	83	87	87	95	93	86	87	86	78	78	76	74	76	83	78	81	79	82	84.5		
		OBS																																		
		MIN	68	67	74	71	68	67	62	68	74	70	59	60	57	58	67	65	70	73	66	65	56	60	66	51	53	56	64	64	68	51	53	63.6		
		OBS																																		
NEWARK UNIVERSITY FARM	17	MAX	88	88	93	96	95	76	83	89	90	91	86	85	85	89	89	97	94	92	87	88	87	79	76	75	77	81	80	79	80	82	85.9			
		MIN	67	68	75	71	70	67	60	68	71	73	59	55	54	56	66	66	73	74	66	64	55	66	63	52	51	54	65	62	65	53	52	63.3		
WILMINGTON WSO AP	MID	MAX	83	85	93	94	94	76	81	89	89	88	85	82	81	82	86	86	93	91	85	86	85	80	78	75	74	77	79	76	80	79	78	83.5		
		MIN	71	72	75	74	72	68	63	70	74	64	61	64	58	60	71	69	74	71	67	64	59	70	59	53	54	57	66	64	60	54	57	65.0		
WILMINGTON PORTER RESVR	MID	MAX	88	89	91	94	90	77	83	88	89	86	84	80	80	82	87	88	94	90	84	85	85	80	76	73	75	78	76	74	78	77	79	83.2		
		MIN	68	70	76	77	70	67	63	71	73	68	61	65	58	59	69	68	74	75	70	68	62	70	64	55	55	60	64	64	61	58	57	65.8		
SOUTHERN	02																																			
DOVER	17	MAX	90	90	96	96	94	78	82	91	95	94	94	85	80	88	90	89	94	95	92	90	91	82	80	78	78	81	90	87	80	84	84	87.7		
		MIN	74	71	68	76	78	70	63	65	78	80	62	60	60	66	69	74	74	75	67	67	60	67	64	57	53	63	65	65	70	57	60	67.0		
GEORGETOWN 5 SW	08	MAX	91	84	87	96	95	96	76	82	89	92	91	82	84	80	83	88	89	95	96	88	90	88	80	79	78	77	83	97	94	85	79	86.9		
		MIN	68	64	72	71	70	72	62	66	72	77	60	58	59	58	65	67	71	75	65	63	56	62	70	54	50	62	63	69	70	54	49	64.3		
GREENWOOD 2 NE	18	MAX	87	88	95	95	95	75	84	89	91	88	84	83	79	82	88	89	94	96	92	89	89	79	79	78	76	78	94	89	83	80	79	86.0		
		MIN	68	65	74	74	71	68	62	67	72	74	61	60	58	59	68	68	71	75	67	65	58	64	62	53	52	63	63	69	68	54	52	64.7		
LEWES	17	MAX	83	85	91	89	94	76	81	90	92	90	84	80	80	80	85	86	94	93	89	85	84	84	79	77	76	77	86	86	86	79	77	84.5		
		MIN	69	68	75	76	73	72	67	70	74	79	68	64	64	64	68	71	71	77	70	69	64	65	70	58	57	63	66	66	66	61	55	67.7		
MILFORD 4 SE	17	MAX	82	90	95	89	93	75	82	93	94	92	84	80	77	79	85	85	97	95	91	88	86	84	80	79	78	79	88	88	85	77	79	85.5		
		MIN	66	62	74	72	70	72	60	67	71	74	68	59	61	60	65	66	73	74	65	64	61	56	70	53	52	62	63	63	69	54	51	64.4		

SEE REFERENCE NOTES FOLLOWING STATION INDEX

EVAPORATION AND WIND

MARYLAND AND
DELAWARE
AUGUST 1987

STATION		DAY OF MONTH																														TOTAL OR AVG		
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30		31	
MARYLAND																																		
UPPER SOUTHERN 04																																		
BELTSVILLE		WIND	30	25	56	36	25	35	31	27	24	34	72	29	32	33	30	43	19	22	44	21	49	19	03	51	41	16	15	56	19	58	18	
		EVAP	25	19	20	35	32	15	25	22	20	30	31	24	24	30	29	26	5	26	39	11	31	19	15	26	24	10	12	31	13	28	16	
		MAX	96	88	90	99	99	92	87	85	95	100	100	90	91	92	90	92	92	99	95	83	90	92	79	84	83	74	79	93	80	85	88	
		MIN	75	73	72	75	74	71	69	69	66	70	65	66	66	65	65	65	66	66	75	69	68	62	63	63	55	56	58	62	69	69	59	64
UPPER MARLBORO 3 NNW		WIND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
		EVAP	19	15	20	25	26	15	10	12	18	21	22	25	21	23	12	20	6	18	25	8	24	19	6	26	18	6	7	16	10	23	17	
		MAX	94	89	92	97	98	92	81	89	94	94	90	90	91	90	85	92	88	96	97	83	90	90	78	86	83	75	78	92	83	87	87	
		MIN	75	74	75	77	78	74	72	71	76	78	66	67	68	68	67	72	77	77	75	71	66	65	67	60	60	53	67	72	74	53	62	
ALLEGHENY PLATEAU 08																																		
SAVAGE RIVER DAM		WIND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
		EVAP	26	14	58	-	25	-	13	13	19	12	27	19	14	10	24	29	19	22	32	13	53	15	-	42	19	6	5	7	14	5	23	
		MAX	87	82	85	85	91	72	87	88	92	82	78	86	88	89	90	92	90	93	93	86	86	84	73	78	72	63	65	75	78	71	83	
		MIN	62	62	67	68	68	64	64	63	66	68	60	60	62	63	60	60	68	68	61	61	55	65	57	52	50	50	55	58	64	54	53	
DELAWARE																																		
NORTHERN 01																																		
NEWARK UNIVERSITY FARM		WIND	26	20	29	15	19	36	17	15	22	24	25	27	27	19	18	16	11	24	15	21	14	27	64	45	17	22	20	44	55	38	20	
		EVAP	29	11	34	22	-	26	14	15	20	16	20	30	35	24	19	22	8	15	26	18	22	17	34	33	3	17	9	9	22	21	23	
		MAX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		MIN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SOUTHERN 02																																		
GEORGETOWN 5 SW		WIND	44	39	03	54	29	58	57	34	65	114	96	50	44	47	35	44	45	70	43	34	51	58	92	90	62	51	45	69	39	66	76	
		EVAP	23	22	29	34	25	23	10	24	21	26	31	34	27	26	33	33	17	38	32	12	33	18	32	31	33	17	10	29	13	38	26	
		MAX	95	93	93	98	99	98	78	92	94	97	93	92	91	88	87	95	94	97	98	87	90	92	80	85	83	74	78	95	94	88	88	
		MIN	70	71	77	78	79	75	68	73	73	78	66	69	67	67	67	70	77	78	74	73	68	69	67	58	61	60	67	73	71	58	58	

EVAPORATION: IS MEASURED IN HUNDRETHS OF INCHES
 WIND: IS MEASURED IN MILES
 MAX AND MIN: THE MAXIMUM AND MINIMUM TEMPERATURES (FAHRENHEIT) OF THE WATER IN THE EVAPORATION PAN
 SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

MARYLAND AND
DELAWARE
AUGUST 1987

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 FLD	001930	06	HARFORD	39 28	76 10W	57	16	16			ROSS AVIATION INC
ANNAPOLIS POLICE BRKS	019304		ANNE ARUNDEL	39 59	76 30W	25	17	17			ANNAPOLIS POLICE BRKS
ASSATEAGUE ISLAND NATL	003355	01	WORCESTER	38 14	75 8W	7	07	07			NATIONAL PARK SERVICE
BALTIMORE WSO AP	004650	04	ANNE ARUNDEL	39 11	76 40W	196	MID	MID			NATL WEATHER SERVICE
BALTIMORE WSO CI #	004700	06	BALTO CITY	39 17	76 37W	91	MID	MID			OCMI COMMANDING OFFICER
BELTSVILLE	070004		PRN GEORGES	39 2	76 53W	120	08	08	08		U S DEPT OF AGRICULTURE
BENSON POLICE BARRACKS	073206		HARFORD	39 30	76 23W	365	17	17			MARYLAND STATE POLICE
BOYDS 2 NW	103206		MONTGOMERY	39 13	77 20W	580	18	18			HUNTER F STALEY
BRIGHTON DAM	112506		MONTGOMERY	39 12	77 1W	330		MID			WASH SUB SANY COMM
CAMBRIDGE WTR TRMT PL	138502		DORCHESTER	38 34	76 4W	5	16	16			WASTEWATER TRTMT PLANT
CATOCTIN MOUNTAIN PARK	153006		FREDERICK	39 39	77 29W	1610	17	17			CATOCTIN MOUNTAIN PARK
CENTREVILLE	162705		QUEEN ANNES	39 3	76 4W	60	17	17			INACTIVE 02/01/86
CHESTERTOWN	175005		KENT	39 13	76 4W	40	23	23			THOMAS W ELIASON JR
CLARKSVILLE 3 NNE	186206		HOWARD	39 15	76 56W	365	17	17			UNIVERSITY OF MARYLAND
COLLEGE PARK	199504		PRN GEORGES	38 59	76 57W	90	09	09			UNIVERSITY OF MARYLAND
CONOWINGO DAM	206006		HARFORD	39 39	76 10W	40	MID	MID			SUSQUEHANNA ELECTRIC CO
CRISFIELD SOMERS COVE	221501		SOMERSET	37 59	75 52W	8	17	17			SOMERS COVE MARINA
CUMBERLAND 2	228207		ALLEGANY	39 38	78 45W	730	18	07			TIMOTHY B THOMAS
DALECARLIA RESVR D C	223250	04		38 56	77 7W	146	17	17			U S CORPS OF ENGINEERS
DAMASCUS 2 SW	223355	06	MONTGOMERY	39 16	77 14W	720	19	19			RICHARD W SCHWERDT
DENTON 2 E	252302		CAROLINE	38 53	75 48W	50	17	17			ARTHUR REINHOLD
EDGEMONT	277007		WASHINGTON	39 40	77 33W	905	17	07			JOHN W HARNE
EMMITSBURG 2 SE	290606		FREDERICK	39 41	77 18W	416	17	17			MRS LUCILLE K BEALE
FREDRICK POLICE BRKS	334806		FREDERICK	39 25	77 26W	380	17	17			MARYLAND STATE POLICE
FREDERICK 3 E	335506		FREDERICK	39 24	77 22W	385	07	07			MISS I MARY STALEY
FROSTBURG 2	341507		ALLEGANY	39 40	78 56W	2170	07	07			LEE K CLOSE
GLENN DALE BELL STN	367504		PRN GEORGES	38 58	76 48W	150	16	16			USDA PLT INTRODUCT STN
HAGERSTOWN	397507		WASHINGTON	39 39	77 44W	660	18	18			HAGERSTOWN RESERVOIR
HANCOCK FRUIT LAB	403007		WASHINGTON	39 42	78 11W	428	16	16			SHARPSBURG RESEARCH C
LA PLATA 1 W	508003		CHARLES	38 32	77 0W	140	18	18			C RUSSELL LEVERING
LAUREL 3 W	511104		PRN GEORGES	39 6	76 54W	400	MID	MID			WASH SUB SANY COMM
MC HENRY 2 NW	583208		GARRETT	39 35	79 22W	2680	08	08			JOSEPH F JOHENNING
MECHANICSVILLE 1 E	586503		ST MARYS	38 27	76 41W	100	19	19			SANDRA J HASTING
MERRILL	589408		GARRETT	39 36	79 5W	1790	09	09			DELWOOD E MERRILL
MILLINGTON 1 SE	598505		KENT	39 16	75 52W	30	18	18			HOWARD L HARVEY
NATIONAL ARBORETUM D C	635004			38 54	76 59W	50	08	08			U S NATL ARBORETUM
OAKLAND 1 SE	662008		GARRETT	39 24	79 24W	2420	17	17			BEA J CROSCO
OWINGS FERRY LANDING	677003		CALVERT	38 41	76 40W	160	17	17			JAMES C RASMUSSEN
PATUXENT RIVER	691503		ST MARY'S	38 20	76 25W	38	MID	MID			NAVAL WEATHER SERVICE
POTOMAC FILTER PLANT	727206		MONTGOMERY	39 2	77 15W	270		08			POTOMAC WATER FILT PLT
PRINCESS ANNE	733001		SOMERSET	38 13	75 41W	20	17	17			UNIVERSITY MARYLAND EAST
ROCKVILLE 1 NE	770506		MONTGOMERY	39 6	77 6W	440	17	17			WASH GAS & LIGHT CO
ROYAL OAK 2 SSW	780602		TALBOT	38 43	76 11W	10	18	18			JOHN L SWAINE JR
SALISBURY	800001		WICOMICO	38 22	75 35W	10	17	17			CITY OF SALISBURY
SALISBURY FAA AP #	800501		WICOMICO	38 20	75 31W	48	MID	MID			FAA
SAVAGE RIVER DAM	806508		GARRETT	39 31	79 8W	1495	08	08	08		U S CORPS OF ENGINEERS
SNOW HILL 4 N	838001		WORCESTER	38 14	75 23W	28	18	18			CURTIS E SHOCKLEY
TOWSON	887706		BALTIMORE	39 23	76 34W	390	18	18			BENDIX FRIEZ
UNIONVILLE	903006		FREDERICK	39 27	77 11W	430	18	18			CAROLINE R VON EIFF
UPPER MARLBORO 3 NNW	907004		PRN GEORGES	38 52	76 47W	98	08	08	08		TOBACCO EXP FARM
VIENNA	914002		DORCHESTER	38 29	75 50W	12	18	18			DELMARVA POWER & LIGHT
WESTMINSTER POLICE BRK	944006		CARROLL	39 33	76 58W	765	17	17			MARYLAND STATE POLICE
WOODSTOCK	975006		BALTIMORE	39 20	76 52W	460	18	18			JOHN A HILTZ

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

MARYLAND AND
DELAWARE
AUGUST 1987

STATION	INDEX NO.	DIVISION	COUNTY	LATITUDE	LONGITUDE	ELEVATION (IN FEET)	OBSERVATION TIME AND TABLES				OBSERVER
							LOCAL STD TIME				
							TEMP	PRECIP	EVAP	SPECIAL (SEE NOTES)	
DELAWARE											
DOVER	2730	02	KENT	39 9	75 31 W	30	17	17		H	STATE DIV OF HIGHWAYS UNIV OF DEL SUBSTATION DANIEL M SWARTZENTRUBER BOARD OF PUBLIC WORKS DAVID S NEYHARD DAVID S SCHLOTT UNIV OF DELAWARE NATL WEATHER SERVICE WATER DEPARTMENT
GEORGETOWN 5 SW	335700	02	SUSSEX	38	75 27 W	45	08	08	08 C	H	
GREENWOOD 2 NE	335950	02	SUSSEX	50	75 35 W	45	18	18			
LEWES	332200	02	SUSSEX	46	75 48 W	15	17	17		H	
MIDDLETOWN 3 E	338520	01	NEW CASTLE	27	75 40 W	55	17	17		H	
MILFORD 4 SE	339150	01	SUSSEX	54	75 28 W	30	17	17		H	
NEWARK UNIVERSITY FARM	334100	01	NEW CASTLE	40	75 44 W	90	17	17	17 C	H	
WILMINGTON WSO AP	339500	01	NEW CASTLE	40	75 36 W	79	MID	MID		H J	
WILMINGTON PORTER RESVR	360300	01	NEW CASTLE	46	75 32 W	274	MID	MID		H	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

REFERENCE NOTES

MARYLAND AND
DELAWARE
AUGUST 1987

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, Asheville, North Carolina.

SUBSCRIPTION, PRICE AND ORDERING INFORMATION AVAILABLE FROM:
NATIONAL CLIMATIC DATA CENTER
FEDERAL BUILDING
ASHEVILLE, NC 28801-2696

USCOMM-NOAA-ASHEVILLE, N.C. AUGUST 1987-0585

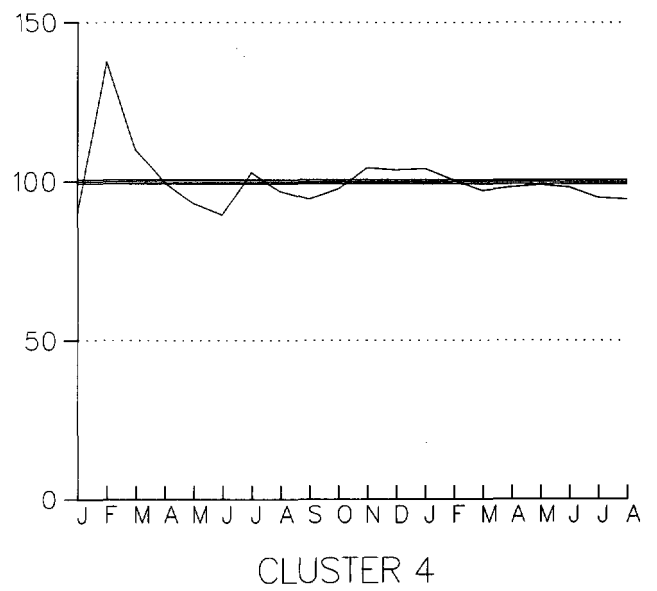
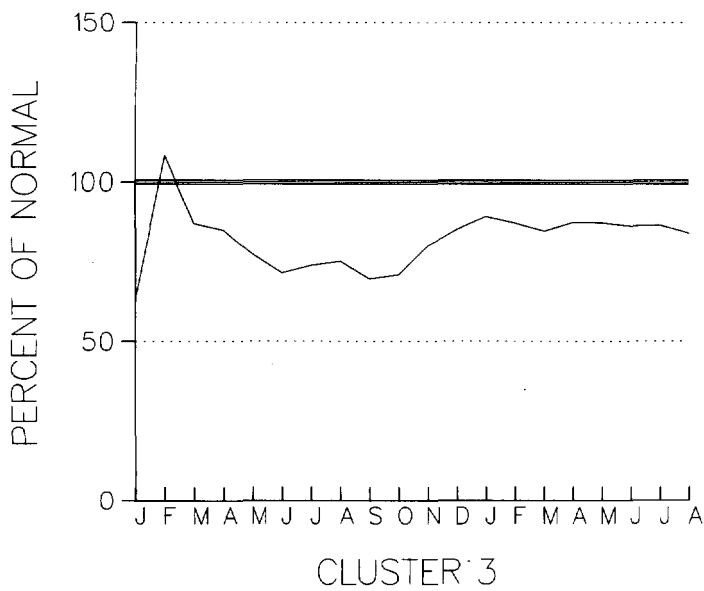
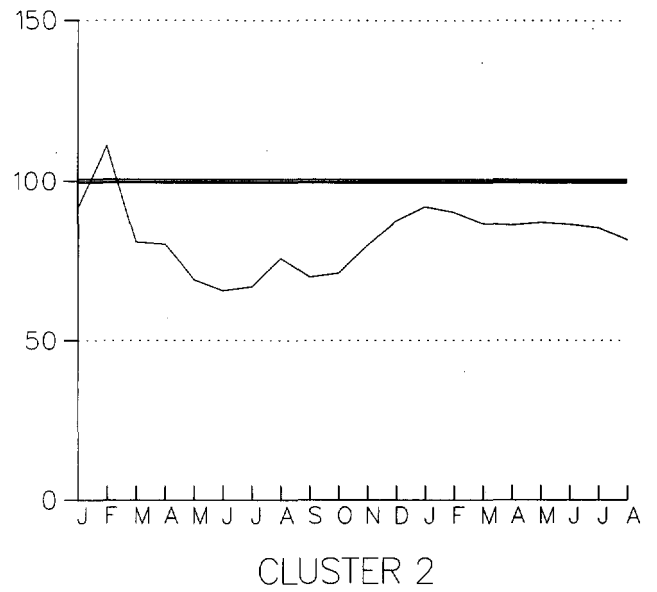
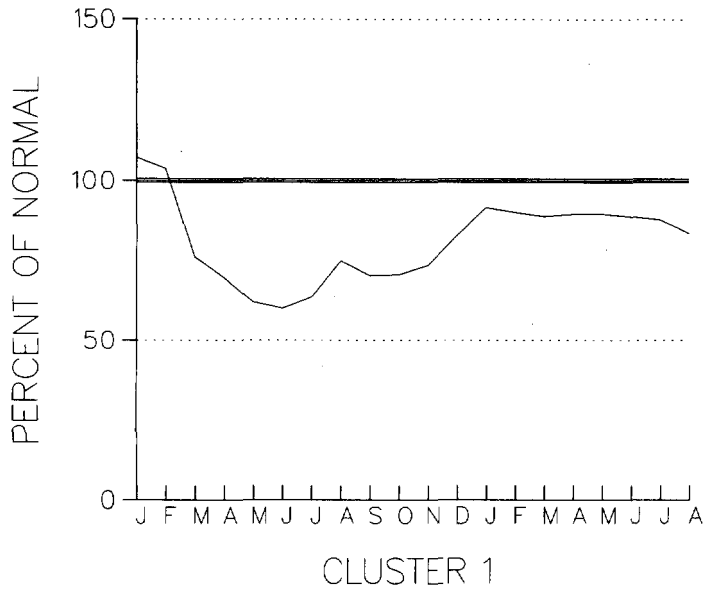
CUMULATIVE PRECIPITATION DEPARTURES FROM NORMAL (1951-1980)
FOR THE LAST 20 MONTHS
ENDING AUGUST 1987
MARYLAND

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

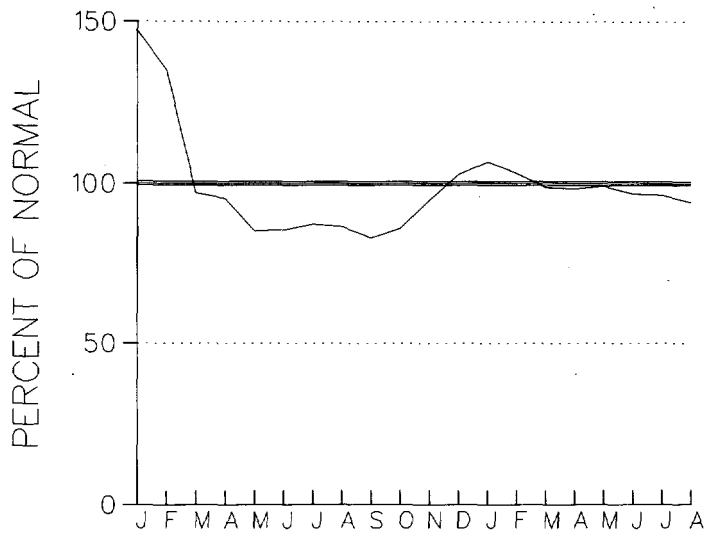
CLUSTER 4 -DIVISION(S):
ALLEGHENY PLATEAU 08



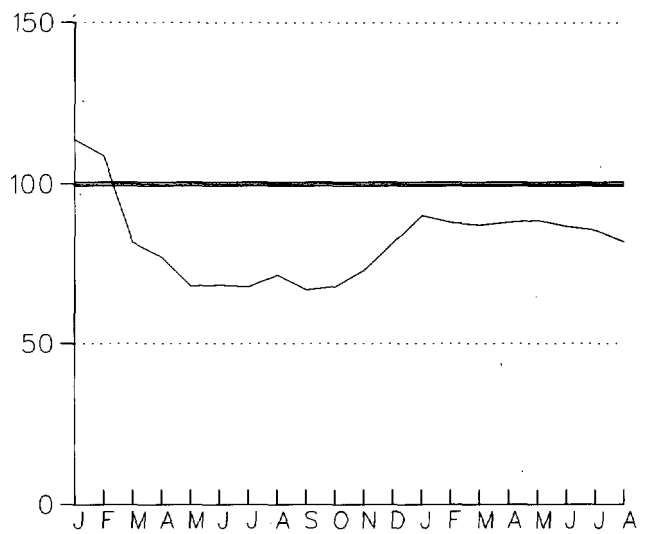
CUMULATIVE PRECIPITATION DEPARTURES FROM NORMAL (1951-1980)
 FOR THE LAST 20 MONTHS
 ENDING AUGUST 1987
 DELAWARE

CLUSTER 1 - DIVISION(S):
 NORTHERN 01

CLUSTER 2 - DIVISION(S):
 SOUTHERN 02



CLUSTER 1



CLUSTER 2

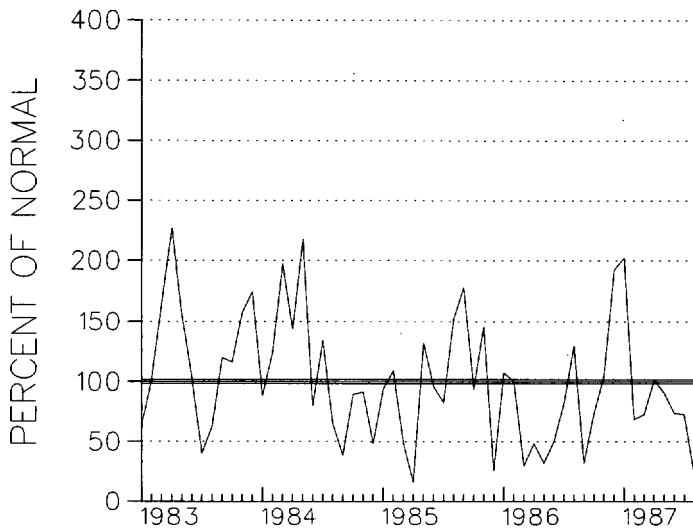
PRECIPITATION DEPARTURES FROM NORMAL (1951-1980)
FOR THE 56 MONTHS
ENDING AUGUST 1987
MARYLAND

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

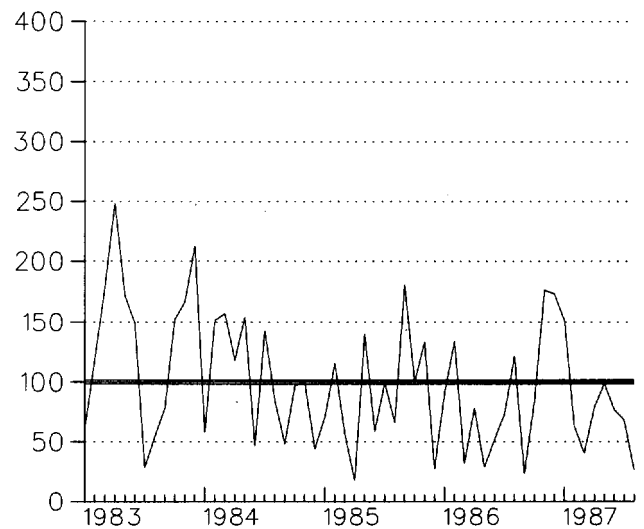
CLUSTER 2 -DIVISION(S):
UPPER SOUTHERN 04
NORTHERN EASTERN SHORE 05

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

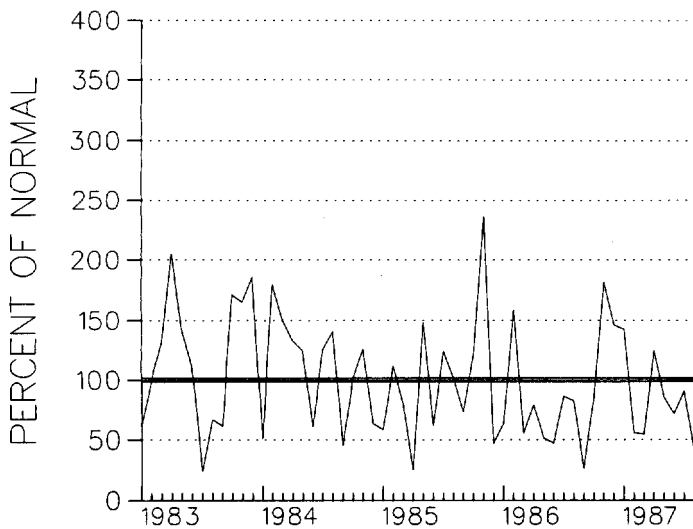
CLUSTER 4 -DIVISION(S):
ALLEGHENY PLATEAU 08



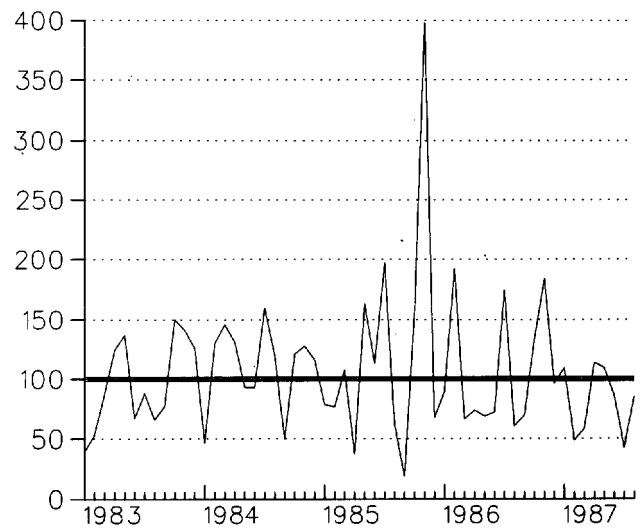
CLUSTER 1



CLUSTER 2



CLUSTER 3

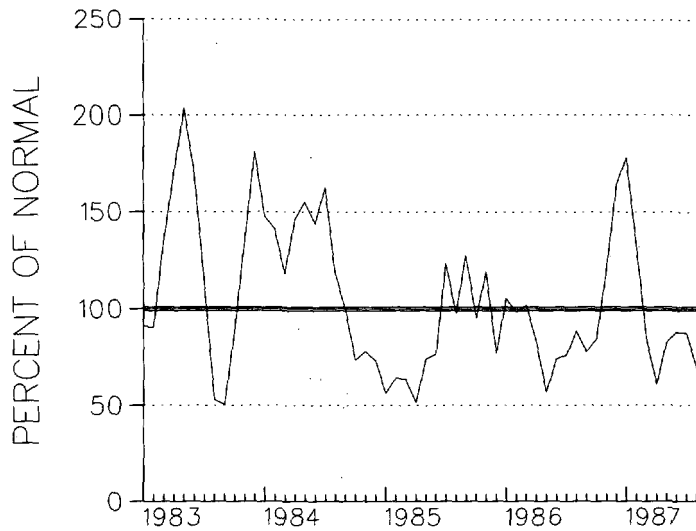


CLUSTER 4

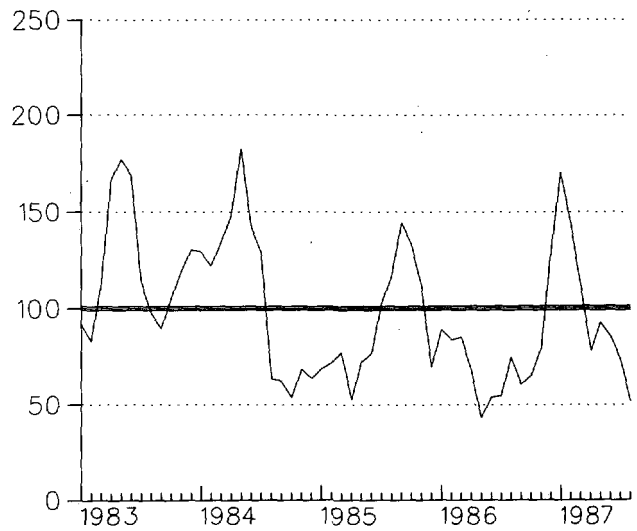
PRECIPITATION DEPARTURES FROM NORMAL (1951-1980)
THREE MONTH RUNNING MEAN
FOR THE 56 MONTHS ENDING WITH AUGUST 1987 DATA
DELAWARE

CLUSTER 1 - DIVISION(S):
NORTHERN 01

CLUSTER 2 - DIVISION(S):
SOUTHERN 02



CLUSTER 1



CLUSTER 2

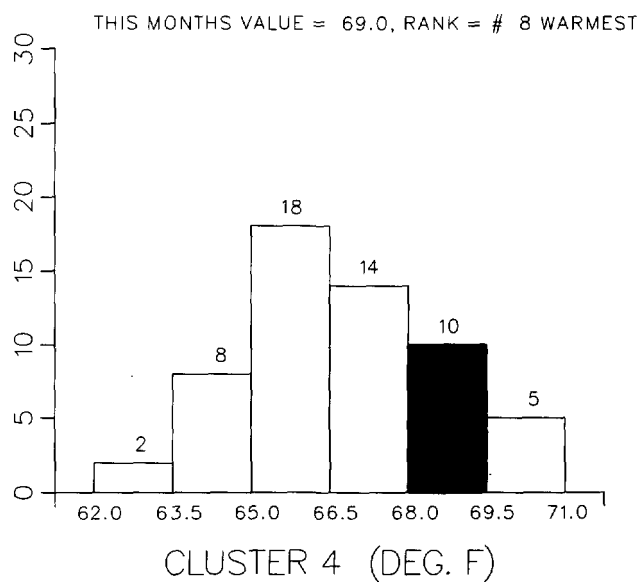
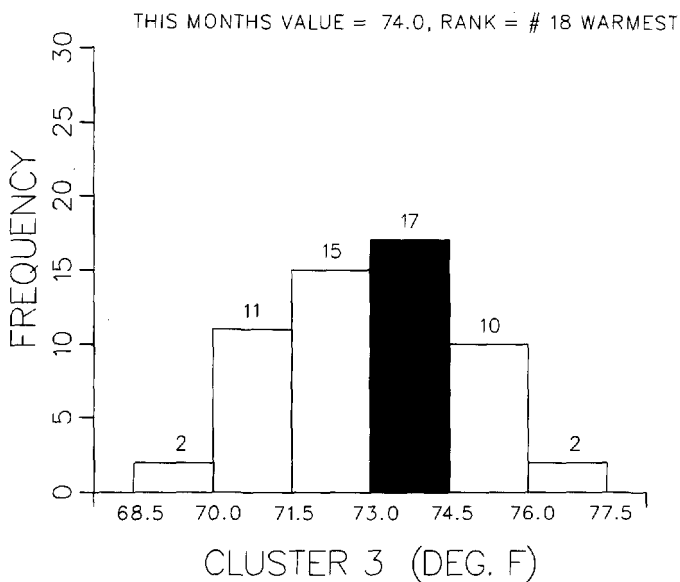
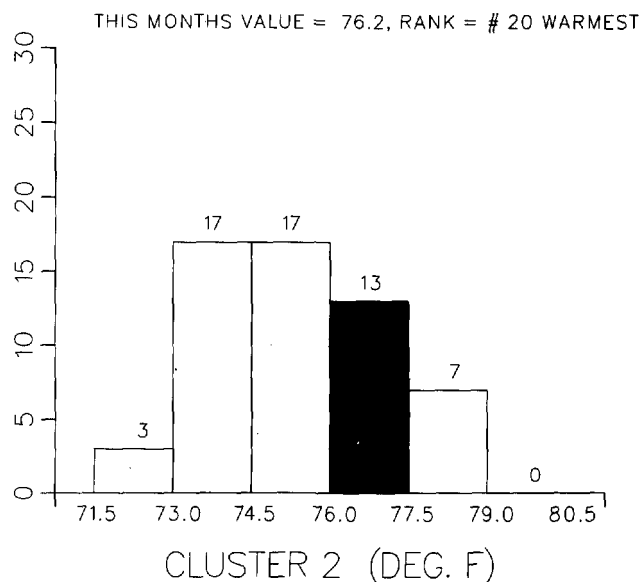
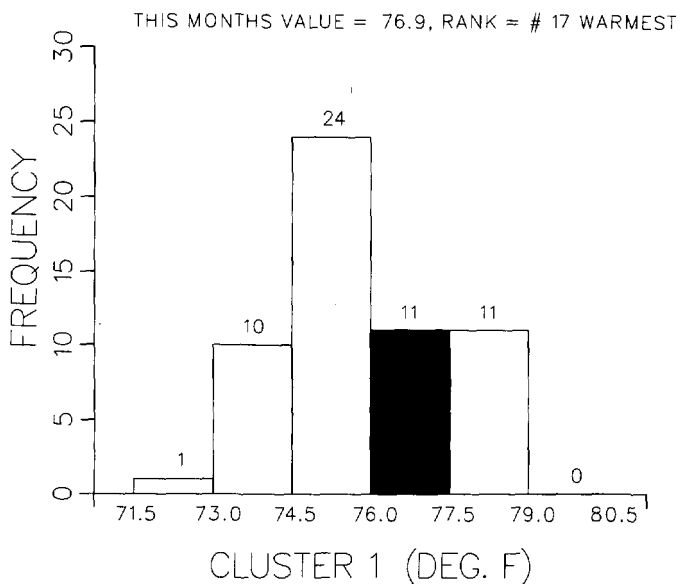
MEAN MONTHLY TEMPERATURE FREQUENCY DISTRIBUTION FOR PERIOD OF RECORD 1931-1987 FOR MONTH OF AUGUST MARYLAND

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

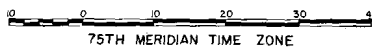
CLUSTER 3 -DIVISION(S):
NORTHERN CENTRAL 06
APPALACHIAN MOUNTAIN 07

CLUSTER 4 -DIVISION(S):
ALLEGHENY PLATEAU 08

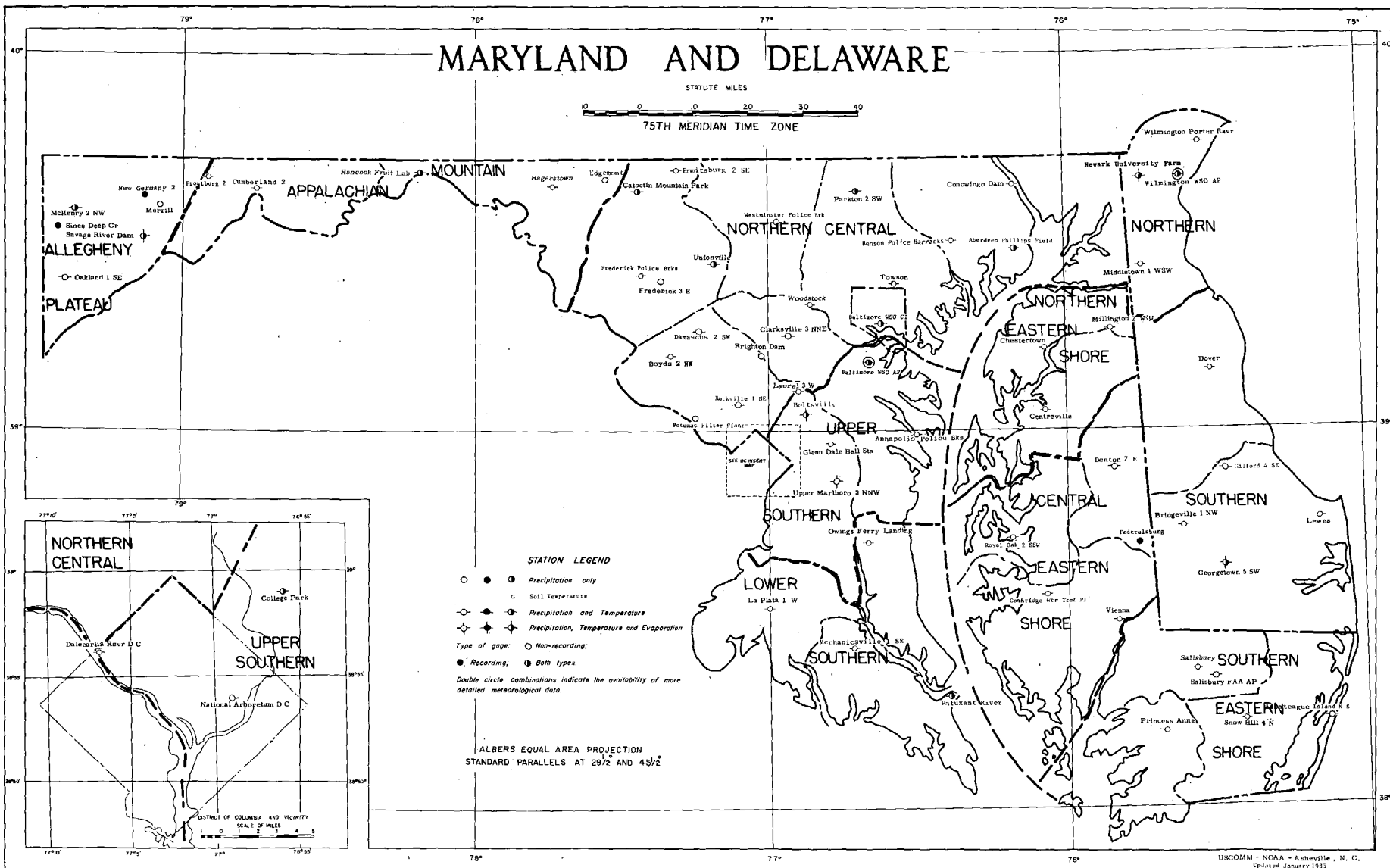


MARYLAND AND DELAWARE

STATUTE MILES



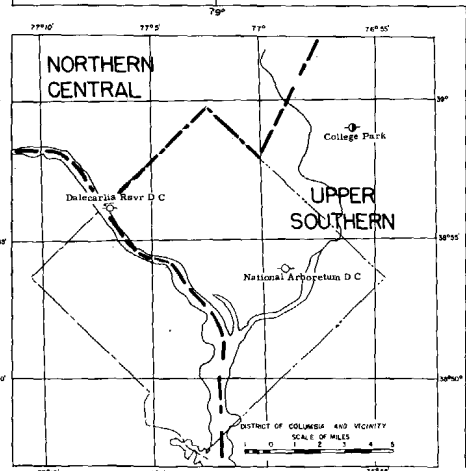
75TH MERIDIAN TIME ZONE



STATION LEGEND

- ● ○ Precipitation only
- ● ○ Soil Temperature
- ● ○ Precipitation and Temperature
- ◆ ◆ ◆ Precipitation, Temperature and Evaporation
- Type of gage: ○ Non-recording, ● Recording, ○ Both types.

ALBERS EQUAL AREA PROJECTION
STANDARD PARALLELS AT 29 1/2 AND 43 1/2



CD
VALIDATION STAFF:

Ted Burlew
Jan Carpenter
Betty Edstrom
Bruce Emory
Joyce Morgan
Betty Shuford

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