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CLIMATOLOGICAL DATA

MARYLAND AND DELAWARE

SEPTEMBER 1985

VOLUME 89 NUMBER 9

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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				
HIGHEST TEMPERATURE	99	SEPTEMBER 5	BALTIMORE WSO CI	R
LOWEST TEMPERATURE	30	SEPTEMBER 16+	2 STATIONS	
GREATEST TOTAL PRECIPITATION	8.35		ANNAPOLIS POLICE BRKS	
LEAST TOTAL PRECIPITATION	.07		FROSTBURG 2	
GREATEST 1 DAY PRECIPITATION	7.18	SEPTEMBER 27	ANNAPOLIS POLICE BRKS	
DELAWARE				
HIGHEST TEMPERATURE	95	SEPTEMBER 6	LEWES	
LOWEST TEMPERATURE	40	SEPTEMBER 16+	2 STATIONS	
GREATEST TOTAL PRECIPITATION	7.76		DOVER	
LEAST TOTAL PRECIPITATION	4.07		LEWES	
GREATEST 1 DAY PRECIPITATION	5.30	SEPTEMBER 27	DOVER	

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

MARYLAND AND DELAWARE
SEPTEMBER 1985

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 MAX 90 OR ABOVE	NO. OF DAYS MAX 32 OR BELOW	NO. OF DAYS MIN 32 OR BELOW	NO. OF DAYS MIN 0 OR BELOW	TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	SNOW, SLEET TOTAL	SNOW, SLEET MAX. DEPTH ON GROUND	SNOW, SLEET DATE	NO. OF DAYS .10 OR MORE	NO. OF DAYS .50 OR MORE	NO. OF DAYS 1.00 OR MORE
MARYLAND																								
SOUTHERN EASTERN SHORE 01																								
ASSATEAGUE ISLAND NATL SE	80.2	62.0	71.1		95	7	48	14	20	211	6	0	0	0	5.66		3.55	27	.0	0		5	3	1
CRISFIELD SOMERS COVE	80.4 M	64.7 M	72.6 M	.7	92	5	50	15	17	251	5	0	0	0	2.59	-1.68	2.15	28	.0	0		2	1	1
PRINCESS ANNE	81.7	55.6	68.7	.1	93	8+	30	15	52	170	7	0	1	0	5.83	1.86	4.94	27	.0	0		4	2	1
SALISBURY	81.1	60.0	70.6	.7	93	5	45	15+	31	205	7	0	0	0	6.56	2.97	5.80	27	.0	0		4	1	1
SALISBURY FAA AP	79.9	58.3	69.1	.5	94	8	43	15	50	180	7	0	0	0	6.29	2.35	2.81	27	.0	0		5	2	2
SNOW HILL 4 N	82.6	56.1	69.4	.4	95	8+	39	15	48	186	8	0	0	0	7.26	3.73	5.92	27	.0	0		6	1	1
--DIVISIONAL DATA------->			70.3	.7											5.70	2.11			.0					
CENTRAL EASTERN SHORE 02																								
CAMBRIDGE WTR TRMT PL	82.5	58.6	70.6	1.1	94	10+	42	15	30	204	8	0	0	0	7.78	4.06	7.00	27	.0	0		3	2	1
DENTON 2 E	82.3	53.6	68.0	-1.1	95	9+	37	15+	66	162	8	0	0	0	6.50	3.00	5.73	27	.0	0		4	1	1
ROYAL OAK 2 SSW	80.5	59.8	70.2	-.1	93	7	44	14	34	197	7	0	0	0	7.74	4.02	7.07	27	.0	0		3	1	1
VIENNA	84.0	58.9	71.5	1.6	98	5	42	16+	26	225	8	0	0	0	5.64	1.67	4.69	27	.0	0		4	1	1
--DIVISIONAL DATA------->			70.1	.4											6.92	3.27			.0					
LOWER SOUTHERN 03																								
LA PLATA 1 W	78.5	58.0	68.3	-.5	91	5	43	16+	55	162	4	0	0	0	5.75	2.31	3.94	27	.0	0		5	2	2
MECHANICSVILLE 5 NE	78.4	56.8	67.6		91	8+	41	16	73	159	5	0	0	0	6.38		5.77	27	.0	0		3	1	1
OWINGS FERRY LANDING	81.5	56.9	69.2	.4	94	6+	43	16	48	179	7	0	0	0	7.74	4.22	6.54	27	.0	0		4	2	1
PATUXENT RIVER	80.7	62.9	71.8		96	5	50	15	17	230	8	0	0	0	6.16		2.95	27	.0	0		4	2	2
--DIVISIONAL DATA------->			69.2	-.1											6.51	3.01			.0					
UPPER SOUTHERN 04																								
ANNAPOLIS POLICE BRKS	81.9	60.7	71.3		96	7	49	15+	19	216	8	0	0	0	8.35		7.18	27	.0	0		6	2	1
BALTIMORE WSO AP R	80.4	58.3	69.4	.5	95	10	43	15	41	178	6	0	0	0	6.22	2.76	5.00	27	.0	0		2	2	2
BELTSVILLE	82.1	55.0	68.6	1.4	97	6	39	15	56	168	8	0	0	0	4.57	.86	3.53	27	.0	0		3	1	1
COLLEGE PARK	82.1	58.7	70.4	1.2	98	6	44	16+	37	205	8	0	0	0	5.75	2.19	3.82	27	.0	0		5	3	1
DALECARLIA RESVR D C	83.4	59.3	71.4	2.2	98	7+	43	25	32	233	9	0	0	0	7.05	3.63	3.76	27	.0	0		5	3	2
GLENN DALE BELL STN	82.0	53.3	67.7	-.3	94	9+	36	14	73	159	9	0	0	0	5.63	1.97	4.72	27	.0	0		5	1	1
LAUREL 3 W	81.8	59.6	70.7	1.1	98	6	45	14	22	199	7	0	0	0	5.07	1.69	3.80	27	.0	0		5	2	1
NATIONAL ARBORETUM D C	82.4	55.1	68.8	-1.3	97	6	40	15	55	175	9	0	0	0	5.56	1.98	4.05	27	.0	0		4	3	1
UPPER MARLBORO 3 NNW	81.6	53.3	67.5		96	8+	39	18+	75	156	8	0	0	0	5.93	2.20	4.91	27	.0	0		6	1	1
--DIVISIONAL DATA------->			69.5	.8											6.01	2.49			.0					
NORTHERN EASTERN SHORE 05																								
CENTREVILLE	M	M	M		96	7	41	29			9	0	0	0 M	.95		.70	25	.0	0		2	1	0
CHESTERTOWN	81.2	59.3	70.3	1.0	94	5	45	15	31	195	7	0	0	0	6.73	3.15	4.00	27	.0	0		5	3	2
MILLINGTON 1 SE	81.1	56.5	68.8	.8	95	7	40	15+	52	172	8	0	0	0	7.23	3.44	5.78	27	.0	0		6	2	1
--DIVISIONAL DATA------->			69.6	.6											6.98	3.31			.0					
NORTHERN CENTRAL 06																								
ABERDEEN PHILLIPS FLD	81.6	59.1	70.4		95	5	44	15	27	195	7	0	0	0	6.35		6.00	27	.0	0		3	1	1
BALTIMORE WSO CI R	82.5	62.8	72.7	1.0	99	5	49	14+	16	253	8	0	0	0	6.32	2.66	4.61	27	M	M		4	2	2
BENSON POLICE BARRACKS	81.6	54.7	68.2	.7	95	6+	43	30+	55	156	7	0	0	0	5.62	1.44	4.89	27	.0	0		3	1	1
BOYDS 2 NW	80.3	57.1	68.7		95	5	43	14	52	172	7	0	0	0	2.84		1.99	27	.0	0		4	1	1
CATOCTIN MOUNTAIN PARK	73.0	57.5	65.3		84	8+	41	13	96	113	0	0	0	0	2.22		1.32	27	.0	0		4	2	1
CLARKSVILLE 3 NNE	81.6	51.4	66.5		95	5	35	15	90	142	8	0	0	0	4.21		3.75	27	.0	0		3	1	1

SEE REFERENCE NOTES FOLLOWING STATION INDEX

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

MARYLAND AND DELAWARE
SEPTEMBER 1985

STATION	TEMPERATURE (°F)										NO. OF DAYS MAX		NO. OF DAYS MIN		PRECIPITATION (IN)				SNOW, SLEET			NO. OF DAYS		
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	HEATING DEGREE DAYS	COOLING DEGREE DAYS	90 OR ABOVE	32 OR BELOW	32 OR BELOW	0 OR BELOW	TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	TOTAL	MAX. DEPTH ON GROUND	DATE	.10 OR MORE	.50 OR MORE	1.00 OR MORE
CONOWINGO DAM	80.4	56.8	68.6	1.4	95	5+	43	15	44	160	6	0	0	0	6.67	2.78	5.29	27	.0	0		3	2	2
DAMASCUS 2 SW	79.0	56.8	67.9		93	5	43	14+	63	156	7	0	0	0	3.37		2.63	27	.0	0		4	1	1
EMMITSBURG 2 SE	79.8	52.5	66.2		92	8+	35	17	96	137	6	0	0	0	2.59		2.05	27	.0	0		3	1	1
FREDRICK POLICE BRKS	82.2	57.9	70.1		95	9	42	14	48	206	9	0	0	0	1.90		1.45	27	.0	0		2	1	1
PARKTON 2 SW //	78.2	51.5	64.9		92	5	39	15+	110	111	4	0	0	0	6.01		3.98	27	.0	0		5	3	2
ROCKVILLE 1 NE	77.7	54.5	66.1	-1.6	94	5	40	16+	100	141	7	0	0	0	4.04	.58	2.51	27	.0	0		5	2	1
TOWSON	81.2	56.2	68.7		95	6+	44	13	46	162	8	0	0	0	5.72	1.57	4.30	27	.0	0		4	2	2
UNIONVILLE	81.2	49.4	65.3	.0	95	10	33	14	110	125	7	0	0	0	2.91	-.60	2.80	27	.0	0		2	1	1
WESTMINSTER POLICE BRK	80.1	57.8	69.0	2.7	94	6	43	14+	54	180	6	0	0	0	3.22	-.61	2.86	27	.0	0		2	1	1
WOODSTOCK	81.7	55.4	68.6	1.8	94	9+	41	14	55	169	8	0	0	0	4.25	.25	4.06	27	.0	0		1	1	1
--DIVISIONAL DATA-------->			68.0	.6											4.27	.44			.0					
APPALACHIAN MOUNTAIN 07																								
CUMBERLAND 2	82.3	53.1	67.7	1.1	96	8	39	14+	69	157	7	0	0	0	.08	-2.84	.06	27	.0	0		0	0	0
FROSTBURG 2	72.8	51.3	62.1		85	9+	35	15	160	77	0	0	0	0	.07		.03	25+	.0	0		0	0	0
HAGERSTOWN	80.7	55.6	68.2	1.4	93	5	40	14	63	166	7	0	0	0	1.84	-1.46	1.64	27	.0	0		2	1	1
HANCOCK FRUIT LAB	79.6	51.1	65.4	.5	92	5	34	14	104	122	4	0	0	0	1.62	-1.60	.88	27	.0	0		3	1	0
--DIVISIONAL DATA-------->			65.9	.2											.90	-2.29			.0					
ALLEGHENY PLATEAU 08																								
MC HENRY 2 NW	73.7	51.2	62.5		85	9	35	14	145	74	0	0	0	0	.93		.86	10	.0	0		1	1	0
OAKLAND 1 SE	75.5	47.2	61.4	.9	85	8	30	16+	166	65	0	0	5	0	.56	-2.55	.49	9	.0	0		1	0	0
SAVAGE RIVER DAM	77.0	49.2	63.1	1.1	89	9+	33	14	140	90	0	0	0	0	.31	-2.68	.15	10	.0	0		2	0	0
--DIVISIONAL DATA-------->			62.3	1.7											.60	-2.56			.0					
DELAWARE																								
NORTHERN 01																								
NEWARK UNIVERSITY FARM	80.4	57.1	68.8	.9	92	5+	40	14	52	170	5	0	0	0	5.78	2.17	4.40	27	.0	0		4	2	1
WILMINGTON WSO AP R	79.3	58.9	69.1	1.2	92	5+	46	15+	45	174	5	0	0	0	4.56	.97	2.04	27	.0	0		5	2	2
WILMGTON PORTER RESVR	78.3	59.4	68.9	2.0	94	4	47	14+	41	164	3	0	0	0	5.96	2.15	2.89	27	.0	0		5	3	2
--DIVISIONAL DATA-------->			68.9	1.1											5.43	1.84			.0					
SOUTHERN 02																								
BRIDGEVILLE 1 NW	81.5	54.8	68.2	-.2	93	8+	40	16+	56	156	7	0	0	0	5.80	2.08	4.65	27	.0	0		5	2	1
DOVER	81.9	60.6	71.3	1.7	94	6+	47	14	29	224	8	0	0	0	7.76	3.62	5.30	27	.0	0		8	2	1
GEORGETOWN 5 SW	79.5	57.2	68.4	.0	93	10	41	16	59	166	7	0	0	0	5.97	2.46	4.30	27	.0	0		5	3	1
LEWES	81.6	61.1	71.4	3.0	95	6	47	29+	28	225	7	0	0	0	4.07	.81	3.25	27	.0	0		3	1	1
MILFORD 4 SE	80.6	58.3	69.5	.7	93	5	44	16+	50	190	8	0	0	0	5.42	1.67	3.72	27	.0	0		6	2	1
--DIVISIONAL DATA-------->			69.8	1.1											5.80	2.13			.0					

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION (INCHES)

MARYLAND AND DELAWARE
SEPTEMBER 1985

STATION	TOTAL	DAY OF MONTH														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MARYLAND																
SOUTHERN EASTERN SHORE 01																
ASSATEAGUE ISLAND NATL SE	5.66	.02								.52		.36				
CRISFIELD SOMERS COVE	2.59										.03					
PRINCESS ANNE	5.83										.09					
SALISBURY	6.56															
SALISBURY FAA AP	6.29								.44	.02						
SNOW HILL 4 N	7.26								.38							
CENTRAL EASTERN SHORE 02																
CAMBRIDGE WTR TRMT PL	7.78										.14					
DENTON 2 E	6.50															
ROYAL OAK 2 SSW	7.74								.01	.25		.06				
VIENNA	5.64															
LOWER SOUTHERN 03																
LA PLATA 1 W	5.75								.08		.04	1.13				
MECHANICSVILLE 5 NE	6.38								.25	T	.16	.02				
OWINGS FERRY LANDING	7.74								.35		.66					
PATUXENT RIVER	6.16								T	.31	T					
UPPER SOUTHERN 04																
ANNAPOLIS POLICE BRKS	8.35								.10	.61	.21					
BALTIMORE WSO AP R	6.22								.01	T	T					
BELTSVILLE	4.57										.01	.45				
COLLEGE PARK	5.75									.61	.12	.82				
DALECARLIA RESVR D C	7.05								.40		.79	1.79				
GLENN DALE BELL STN	5.63										.21	.36				
LAUREL 3 W	5.07									.07	.17					
NATIONAL ARBORETUM D C	5.56									.05	.66	.53				
UPPER MARLBORO 3 NNW	5.93									.05	.25	.15				
NORTHERN EASTERN SHORE 05																
CENTREVILLE M	.95										.20	.05		*	*	*
CHESTERTOWN	6.73								T	.57	.23					
MILLINGTON 1 SE	7.23								.01	.12	.31	.59				
NORTHERN CENTRAL 06																
ABERDEEN PHILLIPS FLD	6.35									.12	T	.06				
BALTIMORE WSO CI R	6.32								.30							
BENSON POLICE BARRACKS	5.62								.44	.16						
BOYDS 2 NW	2.84									.49	.21	.02				
BRIGHTON DAM	3.92									.02	.03					
CATOCTIN MOUNTAIN PARK	2.22								.10	.50						
CLARKSVILLE 3 NNE	4.21								.01	.26	.01					
CONOWINGO DAM	6.67									.05	T					
DAMASCUS 2 SW	3.37								T	.16	.31					
EMMITSBURG 2 SE	2.59									.33						
FREDRICK POLICE BRKS	1.90									.39						
FREDERICK 3 E	2.30	T								.27						
PARKTON 2 SW //	6.01								1.02	.53						
POTOMAC FILTER PLANT	3.62									.42	.15					
ROCKVILLE 1 NE	4.04							T		.33	.72					
TOWSON	5.72								*	1.11						
UNIONVILLE	2.91									.11						
WESTMINSTER POLICE BRK	3.22								.13	.04						
WOODSTOCK	4.25								.04		.02					

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION (CONT)

MARYLAND AND DELAWARE
SEPTEMBER 1985

STATION	DAY OF MONTH															
	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						.01		.92	.28			3.55				
CRISFIELD SOMERS COVE							.40	.01			*	*	2.15			
PRINCESS ANNE							.51	.06	.11		.12	4.94				
SALISBURY						.26	.25	.22			.03	5.80				
SALISBURY FAA AP							.34	.24	.03		2.41	2.81				
SNOW HILL 4 N							.13	.33	.31		.19	5.92				
CENTRAL EASTERN SHORE 02																
CAMBRIDGE WTR TRMT PL								.59	.05			7.00				
DENTON 2 E							.23	.26	.23		.05	5.73				
ROYAL OAK 2 SSW							.24	.06	T		.05	7.07				
VIENNA							.32	.47	.14		.02	4.69				
LOWER SOUTHERN 03																
LA PLATA 1 W							.12	.14			.30	3.94				
MECHANICSVILLE 5 NE							.07	.08	.03		T	5.77				
OWINGS FERRY LANDING							.02	.13	.04		T	6.54				
PATUXENT RIVER							.43	.02	T		2.45	2.95				
UPPER SOUTHERN 04																
ANNAPOLIS POLICE BRKS							.01	.13	.10		.01	7.18				
BALTIMORE WSO AP R							.08	.04	.05		1.04	5.00				
BELTSVILLE						*	*	.28	.05			3.53	.25			
COLLEGE PARK								.35	.03			3.82				
DALECARLIA RESVR D C								.29	.02			3.76				
GLENN DALE BELL STN								.21		.13		4.72				
LAUREL 3 W							.17	.11			.75	3.80				
NATIONAL ARBORETUM D C								.25	.02			4.05				
UPPER MARLBORO 3 NNW								.14	.14			4.91	.29			
NORTHERN EASTERN SHORE 05																
CENTREVILLE	*	*	*	*	*	*	*	*	*	.70	T	-				
CHESTERTOWN							.12	.08	T		1.73	4.00				
MILLINGTON 1 SE							.06	.17	.19		T	5.78				
NORTHERN CENTRAL 06																
ABERDEEN PHILLIPS FLD								.17			T	6.00				
BALTIMORE WSO CI R							.10	.04	.08		1.19	4.61				
BENSON POLICE BARRACKS							.01	.03	.08			4.89	.01			
BOYDS 2 NW								.13			T	1.99				
BRIGHTON DAM								.17	T		.20	3.50				
CATOCTIN MOUNTAIN PARK								.28	.02			1.32				
CLARKSVILLE 3 NNE								.10	.08			3.75				
CONOWINGO DAM								.12	.08			5.29	1.13			
DAMASCUS 2 SW							T	.26			.01	2.63				
EMMITSBURG 2 SE								.21				2.05				
FREDRICK POLICE BRKS								.06				1.45				
FREDERICK 3 E								.06	T			1.90	.07			
PARKTON 2 SW //							T	.04	.11		.33	3.98				
POTOMAC FILTER PLANT								.19			.33	2.53				
ROCKVILLE 1 NE								.14			.34	2.51				
TOWSON								.10	.19		.02	4.30				
UNIONVILLE												2.80				
WESTMINSTER POLICE BRK								.06	.09			2.86	.04			
WOODSTOCK								.05	.08			4.06				

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION (INCHES)

MARYLAND AND DELAWARE
SEPTEMBER 1985

STATION	TOTAL	DAY OF MONTH														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
APPALACHIAN MOUNTAIN 07																
CUMBERLAND 2	.08															
EDGEMONT	2.04	T							T	.32	.33					
FROSTBURG 2	.07	T								.01	.03	T				
HAGERSTOWN	1.84							T		.10	.03					
HANCOCK FRUIT LAB	1.62							.33	.36	.02						
ALLEGHENY PLATEAU 08																
MC HENRY 2 NW	.93										.86	.02				
MERRILL	.48										.11	.32				
OAKLAND 1 SE	.56									.49	.02					
SAVAGE RIVER DAM	.31								T	.03	.15	.10				
DELAWARE																
NORTHERN 01																
NEWARK UNIVERSITY FARM	5.78							.32		.72		.06				
WILMINGTON WSO AP R	4.56								.36	.13	.23					
WILMGTON PORTER RESVR	5.96								.59	.48	.29					
SOUTHERN 02																
BRIDGEVILLE 1 NW	5.80								.18		T	T				
DOVER	7.76								.37	.23	.82	.21				
GEORGETOWN 5 SW	5.97										.30	.24				
LEWES	4.07								.35		.01					
MILFORD 4 SE	5.42								.32		.27					

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION (CONT)

STATION	DAY OF MONTH															
	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
APPALACHIAN MOUNTAIN 07																
CUMBERLAND 2									T	.02		.06				
EDGEMONT								.06		T		.87	.46			
FROSTBURG 2									T	.03			T			
HAGERSTOWN								.07	T			1.64				
HANCOCK FRUIT LAB								.03				.88				
ALLEGHENY PLATEAU 08																
MC HENRY 2 NW										.05			T	T		
MERRILL									T	.05						
OAKLAND 1 SE							T		.05							
SAVAGE RIVER DAM									T	.03						
DELAWARE																
NORTHERN 01																
NEWARK UNIVERSITY FARM						.10	*	.10	.08			4.40				
WILMINGTON WSO AP R							.06	.03	T		1.71	2.04				
WILMGTON PORTER RESVR							.03	.08			1.60	2.89				
SOUTHERN 02																
BRIDGEVILLE 1 NW							.51	.20	.22		.04	4.65				
DOVER							.23	.19	.41			5.30				
GEORGETOWN 5 SW								.51	.56			4.30	.06			
LEWES							.01		.44		.01	3.25				
MILFORD 4 SE							.20	.14	.77			3.72				

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES(°F)

MARYLAND AND DELAWARE
SEPTEMBER 1985

STATION		DAY OF MONTH 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	AVERAGE
MARYLAND																																	
SOUTHERN EASTERN SHORE 01																																	
ASSATEAGUE ISLAND NATL SE	MAX	78	78	85	85	94	93	95	89	93	93	90	75	73	66	69	74	75	76	74	79	77	80	79	76	82	72	78	77	72	78		80.2
	MIN	63	68	62	73	75	73	74	74	72	73	68	57	52	48	50	52	54	56	58	57	60	66	65	67	59	61	59	60	52	53		62.0
CRISFIELD SOMERS COVE	MAX				89	92	91	91	91	90	89	89	76	71	69	72	74	78		77	77	79	75	78	79	76			76	75	76		80.4
	MIN				77	72	80	80	80	82	76	69	57	54	51	50	51	56		56	59	67	66	67	70	62			62	53	55		64.7
PRINCESS ANNE	MAX	79	84	89	93	92	92	91	93	91	91	88	74	72	70	75	77	77	78	81	83	84	81	75	80	79	78	75	75	77	77		81.7
	MIN	57	60	64	65	67	75	69	71	68	67	67	50	47	41	30	40	42	43	50	48	50	55	56	68	59	57	58	55	44	45		55.6
SALISBURY	MAX	78	83	89	92	93	92	91	92	92	91	89	74	69	71	76	77	77	78	82	82	79	76	79	76	76	77	74	75	75	77		81.1
	MIN	62	63	70	72	73	75	73	77	73	69	66	51	49	45	45	46	48	48	54	53	60	65	63	61	59	60	67	55	48	49		60.0
SALISBURY FAA AP	MAX	77	83	89	92	92	91	91	94	91	91	78	71	64	69	74	76	74	77	82	83	82	72	76	80	74	77	75	70	76	77		79.9
	MIN	60	61	69	71	71	75	72	72	72	69	58	51	46	44	43	44	47	47	53	51	54	58	66	68	60	60	62	50	47	48		58.3
SNOW HILL 4 N	MAX	78	86	91	95	95	95	93	95	94	93	89	75	72	71	76	77	76	79	81	83	84	78	76	82	81	78	75	75	77	79		82.6
	MIN	58	56	66	67	69	73	70	70	70	66	67	48	46	42	39	40	42	43	50	48	49	54	63	68	59	58	60	53	44	45		56.1
CENTRAL EASTERN SHORE 02																																	
CAMBRIDGE WTR TRMT PL	MAX	87	85	89	94	94	94	94	92	94	94	91	75	72	70	72	76	77	79	81	82	84	80	75	81	80	76	75	76	80	76		82.5
	MIN	61	62	62	70	68	72	75	72	72	66	64	54	49	48	42	44	46	48	49	51	57	68	61	66	58	59	61	57	45	51		58.6
	OBS																					72											
DENTON 2 E	MAX	77	85	90	95	95	95	93	95	95	94	86	75	67	69	72	78	77	80	85	86	86	77	74	85	77	77	75	74	78	78		82.3
	MIN	53	58	63	68	67	69	69	66	66	62	60	41	44	37	37	39	40	44	47	49	50	53	62	64	50	54	61	48	41	45		53.6
ROYAL OAK 2 SSW	MAX	80	85	88	92	92	91	93	91	91	90	83	73	65	70	73	76	76	77	80	82	81	78	78	80	75	77	74	72	75	76		80.5
	MIN	59	65	68	75	70	76	74	72	72	68	66	48	50	44	45	46	49	50	52	55	59	62	63	67	59	57	63	58	50	53		59.8
VIENNA	MAX	88	88	93	94	98	94	96	96	96	91	80	72	72	73	78	79	81	83	84	85	88	83	75	83	84	77	75	75	80	78		84.0
	MIN	60	64	70	71	72	71	75	74	74	69	65	50	48	45	42	42	46	47	50	53	55	60	62	67	58	57	64	57	47	51		58.9
LOWER SOUTHERN 03																																	
LA PLATA 1 W	MAX	77	85	86	89	91	90	90	87	89	90	85	71	66	69	74	76	72	75	80	80	79	76	72	79	69	70	71	69	73	76		78.5
	MIN	59	65	65	67	68	71	70	72	72	67	64	49	49	43	44	43	47	50	52	56	58	63	62	66	51	55	61	51	48	53		58.0
	OBS					51																											
MECHANICSVILLE 5 NE	MAX	77	85	88	91	91	90	89	91	90	89	79	70	63	68	72	73	74	74	79	80	81	74	75	79	71	72	73	70	72	73		78.4
	MIN	57	62	68	68	69	72	70	71	72	68	67	48	50	43	42	41	44	47	47	53	56	59	62	67	50	54	54	51	44	48		56.8
OWINGS FERRY LANDING	MAX	78	86	89	94	94	94	91	93	93	91	89	73	70	72	74	76	76	77	82	83	82	80	74	82	76	74	75	74	76	76		81.5
	MIN	58	61	66	69	68	70	71	71	71	67	65	49	47	44	44	43	46	49	46	52	54	61	61	67	49	55	61	48	45	48		56.9
PATUXENT RIVER	MAX	80	87	90	94	96	93	90	94	93	92	76	71	64	69	73	77	78	79	82	81	83	74	77	82	72	74	76	72	74	78		80.7
	MIN	65	67	71	74	73	76	75	77	72	72	65	61	57	51	50	53	53	55	56	58	61	63	69	68	63	64	64	51	51	53		62.9
UPPER SOUTHERN 04																																	
ANNAPOLIS POLICE BRKS	MAX	75	89	89	95	94	95	96	93	93	94	91	74	69	73	73	76	77	77	83	84	83	80	76	81	78	74	72	73	74	76		81.9
	MIN	62	66	65	65	65	75	75	74	71	70	66	56	53	49	49	50	52	56	55	59	60	65	64	66	55	61	62	53	50	53		60.7
BALTIMORE WSO AP	R MAX	75	86	88	92	94	93	93	88	94	95	75	71	65	71	74	76	77	78	85	86	84	77	76	80	75	71	71	72	75	76		80.4
	MIN	58	62	67	70	71	72	73	74	71	69	57	51	50	49	43	46	47	50	53	58	56	62	65	58	51	56	60	51	48	50		58.3
BELTSVILLE	MAX	79	77	89	91	95	97	95	96	92	95	95	76	74	66	72	75	79	78	79	85	86	84	78	76	82	77	71	74	74	76		82.1
	OBS																					****	****										
	MIN	53	58	64	65	66	69	71	70	68	66	63	45	46	44	39	41	43	46	49	52	50	56	61	66	46	52	61	52	44	45		55.0
	OBS																					****	****										
COLLEGE PARK	MAX	76	78	90	93	96	98	97	95	89	95	95	74	73	66	72	76	79	79	79	85	86	85	80	77	81	75	72	73	73	77		82.1
	MIN	58	62	68	68	70	75	77	74	72	69	65	50	49	48	44	44	47	50	52	55	53	63	66	67	50	55	61	54	46	48		58.7
DALECARLIA RESVR D C	MAX	89	91	92	95	98	98	98	94	95	95	82	73	70	71	75	79	78	79	84	85	84	81	87	82	78	73	73	72	76	76		83.4
	MIN	70	67	68	71	75	73	72	72	71	70	65	56	53	46	44	46	46	50	53	70	56	56	62	65	43	57	54	51	48	49		59.3
	OBS																64																

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES (°F)

MARYLAND AND DELAWARE
SEPTEMBER 1985

STATION		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	MAX	78	87	90	92	94	94	93	90	94	91	91	73	72	68	70	78	78	78	84	86	85	82	75	80	78	74	74	76	78	77		82.0
	MIN	52	57	64	65	65	69	72	70	67	63	61	41	42	36	38	38	40	44	46	49	51	58	60	64	45	51	58	49	41	44		53.3
LAUREL 3 W	MAX	77	88	91	95	95	98	95	81	97	93	80	75	64	71	75	79	78	79	86	87	82	77	76	82	77	76	72	75	76	78		81.8
	MIN	57	63	64	71	73	72	79	72	71	70	58	59	49	45	49	54	54	53	60	62	59	62	61	52	53	56	57	51	50	52		59.6
NATIONAL ARBORETUM D C	MAX	78	78	90	92	94	97	96	96	90	95	94	76	73	70	71	75	78	80	85	85	86	85	80	76	80	76	71	74	73	77		82.4
	MIN	55	58	63	66	68	70	72	72	69	66	64	47	47	45	40	42	42	46	48	51	54	54	60	65	47	47	50	53	45	46		55.1
UPPER MARLBORO 3 NNW	MAX	78	78	89	91	94	96	96	96	93	95	94	76	73	65	71	75	77	78	78	85	85	83	78	75	82	75	71	73	72	76		81.6
	MIN	53	58	61	66	66	68	70	70	68	64	63	44	45	39	39	39	41	39	46	47	50	50	59	65	46	48	56	52	43	45		53.3
NORTHERN EASTERN SHORE 05																																	
CENTREVILLE	MAX	80	88	90	95	95	94	96	95	93	94	90	73													80	83		72	78	78		M
	MIN	52	57	62	65	66	68	66	67	69	67	59	43													49	47		52	41	50		M
CHESTERTOWN	MAX	78	86	90	93	94	92	92	88	93	92	77	71	65	72	75	78	80	80	85	86	86	82	77	79	76	74	70	72	77	77		81.2
	MIN	59	64	68	73	73	75	74	75	71	70	59	48	49	46	45	47	50	51	55	57	56	60	64	67	52	57	59	54	48	52		59.3
MILLINGTON 1 SE	MAX	79	85	90	94	94	93	95	91	91	92	76	72	66	72	76	78	78	79	84	85	82	74	77	81	78	74	73	73	77	75		81.1
	OBS									0																							
	MIN	57	61	64	70	69	72	70	71	69	67	62	46	45	40	40	42	44	45	52	54	52	56	64	67	50	55	64	53	46	48		56.5
	OBS									0																							
NORTHERN CENTRAL 06																																	
ABERDEEN PHILLIPS FLD	MAX	78	88	89	92	95	93	94	93	91	91	88	74	71	72	77	77	77	78	84	84	84	80	73	79	78	74	70	73	76	76		81.6
	MIN	62	64	65	71	72	74	73	72	71	69	64	51	50	48	44	45	51	50	51	55	53	58	66	67	51	59	64	54	48	50		59.1
BALTIMORE WSO CI R	MAX	78	92	91	98	99	97	97	89	98	96	76	73	64	72	76	79	79	79	86	85	86	77	75	82	78	70	72	74	78	79		82.5
	MIN	62	66	75	76	78	78	78	76	74	74	61	53	49	49	52	53	54	57	61	65	61	64	66	63	56	60	60	54	53	57		62.8
BENSON POLICE BARRACKS	MAX	77	86	90	93	95	95	93	91	94	89	86	75	71	72	77	79	78	79	85	85	78	80	76	78	78	74	68	74	76	76		81.6
	MIN	55	60	64	68	71	71	71	67	66	65	59	45	43	43	43	43	45	46	49	54	48	54	59	61	48	50	59	49	43	43		54.7
BOYDS 2 NW	MAX	76	86	89	92	95	93	91	90	94	91	79	70	67	68	72	75	78	79	84	85	83	79	76	79	75	71	70	71	75	75		80.3
	MIN	54	60	66	67	71	71	73	71	69	66	62	47	44	43	47	47	47	52	53	57	55	60	61	64	49	52	58	50	47	50		57.1
CATOCTIN MOUNTAIN PARK	MAX	67	78	81	82	83	83	84	84	83	81	79	65	60	65	64	69	71	73	75	76	75	74	69	70	67	65	65	64	68	69		73.0
	MIN	53	61	66	69	70	72	70	71	68	68	59	46	41	43	47	52	52	55	58	61	60	61	59	62	47	50	54	47	50	52		57.5
CLARKSVILLE 3 NNE	MAX	76	87	90	93	95	93	94	94	94	93	79	71	67	70	75	79	80	80	85	86	85	83	78	80	76	71	70	72	76	76		81.6
	MIN	50	54	61	62	63	68	66	67	66	63	62	40	42	36	35	37	39	41	45	47	44	53	61	64	41	47	58	48	40	41		51.4
CONOWINGO DAM	MAX	75	86	87	95	95	92	92	85	93	90	76	72	66	72	76	79	77	77	85	85	81	78	75	79	75	78	69	72	75	75		80.4
	MIN	61	61	65	68	69	70	71	71	70	67	56	47	48	48	43	46	48	51	53	55	52	57	64	61	50	54	48	52	49	50		56.8
DAMASCUS 2 SW	MAX	76	83	87	90	93	90	91	90	91	90	75	69	62	69	72	77	77	78	82	84	83	79	74	77	74	70	67	70	75	75		79.0
	MIN	54	62	67	67	69	71	72	72	69	66	59	44	43	43	44	47	49	51	55	57	55	60	60	64	46	52	57	49	49	51		56.8
EMMITSBURG 2 SE	MAX	73	84	87	90	91	91	92	92	90	87	85	70	68	71	72	74	75	79	84	85	84	84	76	75	75	70	69	72	74	74		79.8
	MIN	52	58	62	63	67	70	72	68	67	65	62	43	41	39	37	36	35	43	48	50	48	54	61	50	45	50	59	48	41	42		52.5
FREDRICK POLICE BRKS	MAX	75	89	90	93	94	93	94	92	95	92	92	71	70	70	73	77	78	80	85	87	85	83	78	79	78	77	72	72	76	76		82.2
	MIN	55	62	70	70	72	73	75	73	72	70	64	47	46	42	43	45	47	50	54	60	57	60	62	66	49	49	59	51	46	48		57.9
PARKTON 2 SW //	MAX	72	84	87	90	92	89	90	86	91	88	71	69	63	68	72	75	76	77	84	84	82	76	76	78	73	68	66	70	74	75		78.2
	MIN	52	56	63	64	64	67	67	66	64	64	50	40	39	39	39	41	42	44	49	51	48	54	59	54	42	48	48	45	42	43		51.5
ROCKVILLE 1 NE	MAX	76	84	87	91	94	92	93	90	93	91	70	68	60	67	71	73	74	76	80	80	79	75	74	76	71	67	69	68	71	72		77.7
	MIN	52	62	67	66	72	72	72	73	70	67	54	44	43	42	40	40	42	46	49	52	50	57	60	58	47	50	56	48	42	43		54.5
TOWSON	MAX	75	86	90	93	95	95	92	92	90	92	87	72	68	70	75	77	78	78	86	86	83	75	76	79	75	72	73	73	76	77		81.2
	OBS	***							***								***					***										
	MIN	55	55	57	69	72	73	70	68	68	68	60	46	44	45	45	46	48	48	54	59	51	55	56	63	49	54	61	49	49	50		56.2
	OBS	***						87	***										64			***										
UNIONVILLE	MAX	76	88	89	92	93	92	92	90	94	95	83	71	62	69	72	77	77	79	84	86	84	82	78	78	85	75	70	72	75	75		81.2
	OBS	88																															
	MIN	48	59	58	59	61	65	68	66	69	60	55	42	39	33	36	35	37	40	45	52	49	50	52	54	37	44	48	43	38	39		49.4
WESTMINSTER POLICE BRK	MAX	74	83	89	90	92	94	91	92	91	89	89	70	75	67	70	75	76	78	83	84	85	82	76	76	75	73	68	69	73	74		80.1
	MIN	53	60	69	71	71	73	72	73	71	69	60	47	43	43	48	49	49	50	56	60	55	59	62	63	50	51	57	49	49	52		57.8

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES (°F)

MARYLAND AND DELAWARE
SEPTEMBER 1985

STATION		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	
WOODSTOCK	MAX	75	87	90	93	94	93	93	91	94	92	83	73	68	72	76	79	79	80	86	86	84	81	78	80	77	72	70	73	76	76		81.7
	MIN	54	59	65	63	68	70	71	70	69	65	64	46	47	41	42	43	45	46	51	53	50	57	63	65	46	50	60	49	44	45		55.4
APPALACHIAN MOUNTAIN 07																																	
CUMBERLAND 2	MAX	80	88	91	91	94	89	95	96	91	90	85	71	68	72	73	78	81	83	86	87	87	82	75	75	75	81	71	73	79	81		82.3
	MIN	54	60	64	64	66	70	70	68	66	67	45	45	39	39	41	42	45	49	52	55	55	59	57	44	44	55	50	42	42	44		53.1
FROSTBURG 2	MAX	69	73	80	82	82	85	77	85	85	82	81	64	61	55	63	66	69	73	76	78	80	78	71	68	65	66	73	61	64	71		72.8
	MIN	49	46	48	60	65	64	67	69	68	65	61	42	37	38	35	37	38	44	49	50	55	57	59	58	46	46	51	47	44	43		51.3
HAGERSTOWN	MAX	75	86	90	90	93	92	92	91	90	88	87	69	66	71	74	76	78	80	84	85	83	81	77	78	76	75	70	73	75	76		80.7
	MIN	51	61	65	67	68	70	70	69	69	67	63	46	42	40	41	44	46	50	53	55	57	58	61	64	45	49	57	48	44	49		55.6
HANCOCK FRUIT LAB	MAX	79	87	88	91	92	90	85	89	90	87	84	69	69	68	71	74	77	79	82	83	82	82	77	75	74	75	70	71	74	75		79.6
	MIN	48	59	61	61	64	60	66	66	65	64	64	40	39	34	36	38	39	44	49	49	49	52	61	62	38	44	57	43	40	40		51.1
ALLEGHENY PLATEAU 08																																	
MC HENRY 2 NW	MAX	68	80	80	82	82	83	75	84	85	78	78	64	61	63	65	69	72	77	76	79	80	80	72	73	73	66	73	57	63	72		73.7
	MIN	48	53	60	63	63	62	66	66	66	63	57	40	37	35	37	39	40	50	50	51	56	57	54	57	42	43	48	43	43	46		51.2
OAKLAND 1 SE	MAX	78	79	81	82	83	83	84	85	83	80	80	66	58	61	66	72	75	76	77	79	78	78	74	73	69	78	74	63	73	76		75.5
	OBS												80																				
	MIN	47	53	56	58	59	63	63	64	64	63	59	37	34	30	30	30	36	40	41	46	47	49	49	53	36	53	49	42	32	32		47.2
SAVAGE RIVER DAM	MAX	73	76	82	86	87	89	80	88	89	86	84	69	66	63	67	64	75	78	82	84	80	85	75	73	68	73	78	64	70	75		77.0
	MIN	52	52	56	58	61	61	69	66	65	64	63	38	38	33	34	35	38	41	45	48	51	52	52	59	40	40	41	47	38	38		49.2
DELAWARE																																	
NORTHERN 01																																	
NEWARK UNIVERSITY FARM	MAX	74	85	88	92	92	90	89	89	90	90	88	72	63	70	73	75	77	85	85	82	80	79	75	80	75	72	73	80	76	72		80.4
	OBS									***													***										
	MIN	61	60	64	70	70	72	71	69	69	68	62	48	46	40	45	44	46	54	54	52	55	53	63	66	50	54	62	52	46	47		57.1
	OBS								48	***													***										
WILMINGTON WSO AP R	MAX	73	83	88	92	92	89	91	88	90	90	74	69	63	69	72	75	76	77	84	85	81	80	73	80	75	73	74	71	75	76		79.3
	MIN	63	64	66	72	72	74	75	72	71	69	56	48	48	46	46	47	50	51	56	58	56	60	66	60	52	61	59	51	49	50		58.9
WILMGTON PORTER RESVR	MAX	74	83	84	94	92	87	91	86	86	89	73	69	62	69	72	75	76	76	82	84	80	80	73	79	75	70	70	69	74	74		78.3
	MIN	61	64	61	72	71	74	75	70	71	71	58	49	47	47	48	51	51	53	59	58	57	60	65	64	53	56	59	54	52	51		59.4
SOUTHERN 02																																	
BRIDGEVILLE 1 NW	MAX	76	86	89	92	93	92	92	93	92	91	88	73	72	72	75	76	76	78	83	85	83	78	75	81	76	75	74	74	77	77		81.5
	MIN	55	58	65	69	69	70	69	69	68	63	62	48	45	40	40	40	42	42	47	48	49	53	61	64	53	56	61	50	43	45		54.8
DOVER	MAX	84	87	89	94	94	94	93	92	90	91	91	75	70	71	75	76	75	76	82	86	86	81	73	80	81	75	74	72	75	75		81.9
	MIN	68	68	68	73	73	74	75	70	77	69	64	51	48	47	49	48	50	51	55	56	57	59	65	68	56	62	63	56	48	50		60.6
GEORGETOWN 5 SW	MAX	77	80	84	89	91	92	91	90	92	93	91	73	69	65	69	72	74	74	79	82	78	83	74	75	80	72	75	73	72	76		79.5
	MIN	58	60	60	71	70	72	71	71	70	67	65	49	50	43	42	41	44	46	50	57	50	59	59	67	57	58	62	52	44	51		57.2
LEWES	MAX	82	86	89	94	94	95	94	92	94	92	89	73	70	69	72	72	75	75	80	82	85	80	76	82	80	75	75	74	74	77		81.6
	MIN	66	63	71	72	74	74	75	72	71	69	68	61	56	57	49	50	47	47	53	55	56	57	70	68	61	61	62	52	47	49		61.1
MILFORD 4 SE	MAX	75	85	89	92	93	92	91	92	92	91	91	70	66	69	72	74	73	75	81	82	83	80	75	81	80	78	73	71	74	77		80.6
	MIN	63	61	68	70	71	73	73	71	69	61	66	50	51	46	44	44	46	45	52	53	53	56	68	68	56	59	63	54	46	48		58.3

SEE REFERENCE NOTES FOLLOWING STATION INDEX

EVAPORATION AND WIND

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	21	18	20	10	28	24	25	9	14	20	27	26	34	46	24	21	20	21	14	15	*	42	38	37	33	28	83	74	28	16		816
	EVAP	16	8	15	16	26	25	26	19	12	17	26	17	23	19	19	19	18	17	13	17	*	25	19	6	17	18	-	18	6	25		5.19B
	MAX	95	85	90	94	95	97	97	96	90	94	94	80	81	71	78	80	83	83	82	87	-	-	79	77	82	80	70	75	78	82		84.8
	MIN	61	61	64	71	72	72	75	75	73	70	66	54	51	46	48	51	51	52	54	57	-	-	64	67	55	55	60	55	51	52		60.1
UPPER MARLBORO 3 NNW	WIND	13	1	5	2	8	10	10	4	3	4	5	12	14	44	16	10	3	3	2	2	5	3	3	11	5	6	28	26	11	2		271
	EVAP	20	11	16	5	22	27	21	23	10	16	20	22	26	22	17	19	18	16	16	16	17	12	5	4	16	14	9	12	15	15		4.82
	MAX	83	82	91	92	93	94	95	95	87	89	93	80	80	70	76	78	80	80	80	83	85	79	75	73	82	75	67	75	77	80		82.3
	MIN	64	64	66	73	74	75	75	76	75	72	71	56	53	50	49	52	53	55	57	59	62	61	66	68	59	58	62	57	56	55		62.4
ALLEGHENY PLATEAU 08																																	
SAVAGE RIVER DAM	WIND	-	14	8	7	18	17	22	18	11	16	39	34	19	11	3	3	2	3	3	1	1	1	1	13	17	8	41	75	32	1		454B
	EVAP	0	9	-	19	24	5	19	5	20	9	8	11	27	5	18	9	27	5	17	4	24	15	-	8	14	23	9	6	14	11		3.91B
	MAX	78	83	84	87	89	91	78	88	86	82	84	69	75	73	74	74	80	80	80	78	79	79	72	73	75	70	72	63	72	73		78.0
	MIN	60	59	62	64	65	65	69	68	70	67	65	48	47	43	42	45	45	47	53	54	58	58	61	60	49	49	50	48	47	45		55.4
DELAWARE																																	
NORTHERN 01																																	
NEWARK UNIVERSITY FARM	WIND	26	13	8	22	19	42	9	*	*	*	*	*	90	36	16	*	23	19	11	14	8	*	40	31	25	20	72	39	9	11		603
	EVAP	15	9	8	11	26	31	11	63	-	-	20	20	15	13	8	16	12	25	13	15	5	*	5	4	16	3	-	-	14	3		4.40B
	MAX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		M
	MIN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		M
SOUTHERN 02																																	
GEORGETOWN 5 SW	WIND	-	-	-	19	16	19	42	33	25	42	61	68	82	101	49	33	29	26	30	17	23	37	46	106	72	47	129	93	66	12		1470B
	EVAP	17	16	22	15	28	25	21	22	15	29	24	18	24	19	19	14	18	22	14	6	22	4	6	6	16	19	-	-	20	13		5.29B
	MAX	92	90	90	97	96	95	96	97	95	96	96	80	81	72	77	82	82	82	83	85	85	88	74	72	85	83	80	71	78	82		85.4
	MIN	65	64	65	73	74	73	74	76	75	72	70	56	52	44	47	51	53	55	56	57	58	61	62	70	62	63	63	63	54	56		62.1

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

STATION	INDEX NO.	DIVISION	COUNTY	LATITUDE	LONGITUDE	ELEVATION (IN FEET)	OBSERVATION TIME AND TABLES (LOCAL STD TIME) TEMP	PRECIP	EVAP	SPECIAL (SEE NOTES)	OBSERVER
MARYLAND											
ABERDEEN PHILLIPS FLD	00150	06	HARFORD	39 28	76 10W	57	16	16		C H	ROSS AVIATION INC
ANNAPOLIS POLICE BRKS	01930	04	ANNE ARUNDEL	38 59	76 30W	25	17	17		H	ANNAPOLIS POLICE BRKS
ASSATEAGUE ISLAND NATL SE	03350	01	WORCESTER	38 14	75 8W	7	7	7		H	NATIONAL PARK SERVICE
BALTIMORE WSO AP R	04650	04	ANNE ARUNDEL	39 11	76 40W	196	MID	MID		C H J	NATL WEATHER SERVICE
BALTIMORE WSO CI # R	04700	06	BALTO CITY	39 17	76 37W	91	MID	MID		C	OCMI COMMANDING OFFICER
BELTSVILLE	07000	04	PRN GEORGES	39 2	76 53W	120	8	8	8	C H	U S DEPT OF AGRICULTURE
BENSON POLICE BARRACKS	07326	06	HARFORD	39 30	76 23W	365	17	17			MARYLAND STATE POLICE
BOYDS 2 NW	10326	06	MONTGOMERY	77 20W		580	18	18			HUNTER F STALEY
BRIGHTON DAM	11256	06	MONTGOMERY	39 12	77 1W	330		MID			WASH SUB SANY COMM
CAMBRIDGE WTR TRMT PL	13850	02	DORCHESTER	38 34	76 4W	5	16	16		H	WASTEWATER TRTMT PLANT
CATOCTIN MOUNTAIN PARK	15306	06	FREDERICK	39 39	77 29W	1610	17	17		C H	CATOCTIN MOUNTAIN PARK
CENTREVILLE	16270	05	QUEEN ANNES	39 3	76 4W	60	17	17		H	MICHAEL B CATE
CHESTERTOWN	17500	05	KENT	39 13	76 4W	40	23	23		H	THOMAS W ELIASON JR
CLARKSVILLE 3 NNE	18626	06	HOWARD	39 15	76 56W	365	17	17			UNIVERSITY OF MARYLAND
COLLEGE PARK	19950	04	PRN GEORGES	38 59	76 57W	90	9	9		C H	UNIVERSITY OF MARYLAND
CONOWINGO DAM	20606	06	HARFORD	39 39	76 10W	40	MID	MID		H	SUSQUEHANNA ELECTRIC CO
CRISFIELD SOMERS COVE	22150	01	SOMERSET	37 59	75 52W	8	17	17			SOMERS COVE MARINA
CUMBERLAND 2	22820	07	ALLEGANY	39 38	78 45W	730	18	7		H	TIMOTHY B THOMAS
DALECARLIA RESVR D C	23250	04		38 56	77 7W	146	17	17			U S CORPS OF ENGINEERS
DAMASCUS 2 SW	23350	06	MONTGOMERY	39 16	77 14W	720	19	19		H	RICHARD W SCHWERDT
DENTON 2 E	25230	02	CAROLINE	38 53	75 48W	50	17	17		H	ARTHUR REINHOLD
EDGEMONT	27700	07	WASHINGTON	39 40	77 33W	905		7			JOHN W HARNE
EMMITSBURG 2 SE	29060	06	FREDERICK	39 41	77 18W	416	17	17		H	MRS LUCILLE K BEALE
FREDRICK POLICE BRKS	33480	06	FREDERICK	39 25	77 26W	380	17	17		H	MARYLAND STATE POLICE
FREDERICK 3 E	33550	06	FREDERICK	39 24	77 22W	385		7			MISS I MARY STALEY
FROSTBURG 2	34150	07	ALLEGANY	39 40	78 56W	2170	7	7		H	LEE K CLOSE
GLENN DALE BELL STN	36750	04	PRN GEORGES	38 58	76 48W	150	16	16		H	USDA PLT INTRODUCT STN
HAGERSTOWN	39750	07	WASHINGTON	39 39	77 44W	660	18	18			HAGERSTOWN RESERVOIR
HANCOCK FRUIT LAB	40300	07	WASHINGTON	39 42	78 11W	428	16	16		C H	SHARPSBURG RESEARCH C
LA PLATA 1 W	50800	03	CHARLES	38 32	77 0W	140	18	18		H	C RUSSELL LEVERING
LAUREL 3 W	51110	04	PRN GEORGES	39 6	76 54W	400	MID	MID			WASH SUB SANY COMM
MC HENRY 2 NW	58320	08	GARRETT	39 35	79 22W	2680	8	8		C H	JOSEPH F JOHENNING
MECHANICSVILLE 5 NE	58650	03	ST MARYS	38 26	76 43W	100	19	19			SANDRA J HASTING
MERRILL	58940	08	GARRETT	39 36	79 5W	1790		9			DELWOOD E MERRILL
MILLINGTON 1 SE	59850	05	KENT	39 16	75 52W	30	18	18		H	HOWARD L HARVEY
NATIONAL ARBORETUM D C	63500	04		38 54	76 59W	50	8	8		H	U S NATL ARBORETUM
OAKLAND 1 SE	66200	08	GARRETT	39 24	79 24W	2420	17	17		H	BEA J CROSCO
OWINGS FERRY LANDING	67700	03	CALVERT	38 41	76 40W	160	17	17		H	JAMES C RASMUSSEN
PARKTON 2 SW //	68440	06	BALTIMORE	39 38	76 42W	600	23	23		C H	JOHN R FOX
PATUXENT RIVER	69150	03	ST MARY'S	38 20	76 25W	38	MID	MID		C	NAVAL WEATHER SERVICE
POTOMAC FILTER PLANT	72720	06	MONTGOMERY	39 2	77 15W	270		8			POTOMAC WATER FILT PLT
PRINCESS ANNE	73300	01	SOMERSET	38 13	75 41W	20	17	17		H	UNIVERSITY MARYLAND EAST
ROCKVILLE 1 NE	77050	06	MONTGOMERY	39 6	77 6W	440	17	17		H	WASH GAS & LIGHT CO
ROYAL OAK 2 SSW	78060	02	TALBOT	38 43	76 11W	10	18	18		H	JOHN L SWAINE JR
SALISBURY	80000	01	WICOMICO	38 22	75 35W	10	17	17			CITY OF SALISBURY
SALISBURY FAA AP #	80050	01	WICOMICO	38 20	75 31W	48	MID	MID		H	FAA
SAVAGE RIVER DAM	80650	08	GARRETT	39 31	79 8W	1495	8	8	8	C H	U S CORPS OF ENGINEERS
SNOW HILL 4 N	83800	01	WORCESTER	38 14	75 23W	28	18	18		H	CURTIS E SHOCKLEY
TOWSON	88770	06	BALTIMORE	39 23	76 34W	390	18	18			BENDIX FRIEZ
UNIONVILLE	90300	06	FREDERICK	39 27	77 11W	430	18	18		C H	CAROLINE R VON EIFF
UPPER MARLBORO 3 NNW	90700	04	PRN GEORGES	38 52	76 47W	98	8	8	8	H	TOBACCO EXP FARM
VIENNA	91400	02	DORCHESTER	38 29	75 50W	12	18	18		H	DELMARVA POWER & LIGHT
WESTMINSTER POLICE BRK	94400	06	CARROLL	39 33	76 58W	765	17	17			MARYLAND STATE POLICE

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

STATION	INDEX NO.	DIVISION	COUNTY	LATITUDE	LONGITUDE	ELEVATION (IN FEET)	OBSERVATION TIME AND TABLES LOCAL STD TIME TEMP	PRECIP	EVAP	SPECIAL	(SEE NOTES)	OBSERVER
WOODSTOCK	975006		BALTIMORE	39 20	76 52W	460	18	18			H	JOHN A HILTZ
DELAWARE												
BRIDGEVILLE 1 NW	133002		SUSSEX	38 45	75 37W	50	17	17			H	WILLIAM M RAY
DOVER	273002		KENT	39 9	75 31W	30	17	17			H	STATE DIV OF HIGHWAYS
GEORGETOWN 5 SW	357002		SUSSEX	38 38	75 27W	45	8	8	8	C	H	UNIV OF DEL SUBSTATION
LEWES	532002		SUSSEX	38 46	75 8W	15	17	17			H	BOARD OF PUBLIC WORKS
MIDDLETOWN 1 WSW	585201		NEW CASTLE	39 26	75 45W	60	16	16			H	INACTIVE 08/01/85
MILFORD 4 SE	591502		SUSSEX	38 54	75 28W	30	17	17			H	DAVID S SCHLOTT
NEWARK UNIVERSITY FARM	641001		NEW CASTLE	39 40	75 44W	90	17	17	17	C	H	UNIV OF DELAWARE
WILMINGTON WSO AP	R959501		NEW CASTLE	39 40	75 36W	79	MID	MID		C	HJ	NATL WEATHER SERVICE
WILMGTON PORTER RESVR	960501		NEW CASTLE	39 46	75 32W	274	MID	MID			H	WATER DEPARTMENT

SEE REFERENCE NOTES FOLLOWING STATION INDEX

REFERENCE NOTES

DEFINITIONS

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.

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.

PRECIPITATION: Values shown in hundredths of inches are water equilivalent 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.

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.

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.

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).

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.

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

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)

Additional Information regarding the climate of this state may be obtained by writing to the National Climatic Data Center, Federal Building, Asheville, N. C. 28801-2696, or to any Weather Service Office near you. Additional precipitation data are contained in the "Hourly Precipitation Data" bulletin for each state, except Alaska.

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

Information concerning the history of changes in locations, exposure, etc. of substations through 1955 is available in the "Substation History" publication. Subsequent historical information is kept on file at the National Climatic Data Center. Similar information for regular National Weather Service Offices may be obtained from the "Local Climatological Data" annual publication.

SUBSCRIPTION, PRICE AND ORDERING INFORMATION AVAILABLE FROM:
THE NATIONAL CLIMATIC DATA CENTER, FEDERAL BUILDING,
ASHEVILLE, N.C. 28801-2696

USCOMM-NOAA-ASHEVILLE, N.C. SEPTEMBER 1985-0895

NOTE: Special Weather Summaries are provided by State Climatologist or other qualified agencies for inclusion in the published Climatological Data bulletin. These summaries are not included in the archived microfiche copies of the CD bulletin.

M A R Y L A N D A N D D E L A W A R E
S E P T E M B E R 1 9 8 5

SPECIAL WEATHER SUMMARY

W. Joseph Moyer
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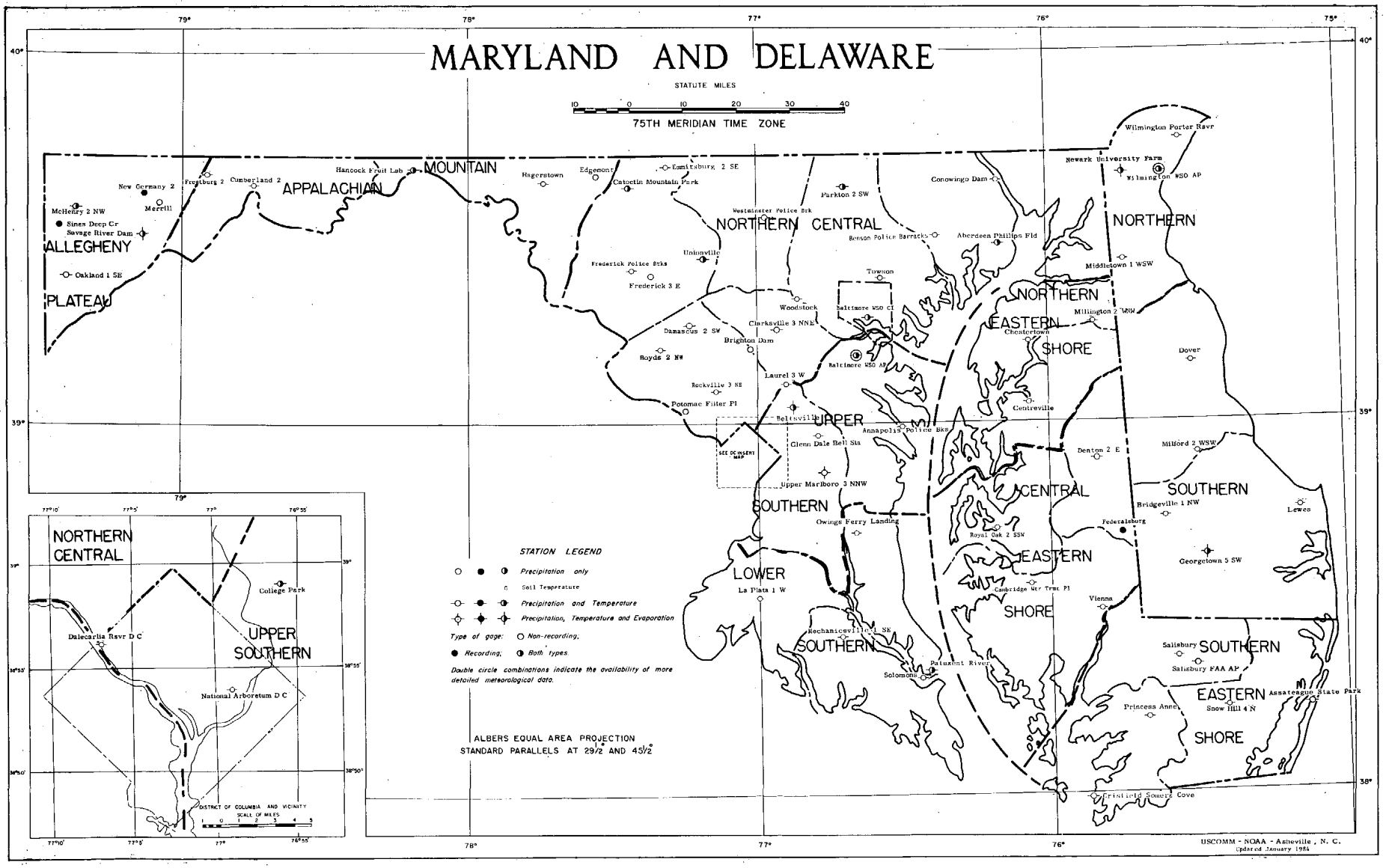
Monthly temperatures averaged a little above normal for both states in spite of seven or eight consecutive days with 90° temperatures, a record number. One station, National Arboretum, D. C., recorded nine consecutive days. The normal number of 90° days for the entire month ranges mostly up to four days. Heavy rainfall associated with Hurricane Gloria on the 26th through the 27th brought state averages above normal in Maryland and much above normal in Delaware. With the exception of these two days, rainfall was generally light.

The state monthly temperatures averaged 68.3° (normal, 67.8°) for Maryland and 69.8° (normal, 68.5°) for Delaware. Temperatures averaged much above normal from the 2nd through the 10th. This was followed by temperatures averaging much below normal from the 11th through the 16th. Daily temperatures during the rest of the month were more nearly normal. Eight consecutive days with 90° temperatures broke the previous record of seven set in 1884 at Washington National Airport.

The state average rainfall was 4.88 inches (normal, 3.60 inches) for Maryland and 5.71 inches (normal, 3.65 inches) for Delaware. The heavy monthly rainfall was associated with Hurricane Gloria on the 26th through the 27th and was confined to eastern Maryland and to Delaware. Rainfall was mostly light during the rest of the month.

By contrast, September was a very dry month in western Maryland. In Allegany County, Frostburg recorded 0.07 inch and Cumberland, 0.08 inch. In Garrett County, Savage River Dam recorded 0.31 inch and Oakland, 0.56 inch. Cumberland's 0.08 inch was its least September total since a trace was recorded in 1879.

Hurricane Gloria brought damage to the Atlantic coastal areas of both states, especially in the Ocean City area, and also along the Chesapeake Bay. Considerable beach erosion was reported.


MARYLAND AND DELAWARE
STATUTE MILES
10 0 10 20 30 40
75TH MERIDIAN TIME ZONE
ALLEGHENY PLATEAU
APPALACHIAN MOUNTAIN
NORTHERN CENTRAL
UPPER SOUTHERN
LOWER SOUTHERN
NORTHERN EASTERN SHORE
CENTRAL EASTERN SHORE
SOUTHERN EASTERN SHORE
STATION LEGEND
Precipitation only
Soil Temperature
Precipitation and Temperature
Precipitation, Temperature and Evaporation
Type of gage: Non-recording; Recording; Both types
Double circle combinations indicate the availability of more detailed meteorological data.
ALBERS EQUAL AREA PROJECTION
STANDARD PARALLELS AT 29½ AND 45½°
DISTRICT OF COLUMBIA AND VICINITY
SCALE OF MILES
USCOMM - NOAA - Asheville, N. C.
Updated January 1984

DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL ENVIRONMENTAL SATELLITE, DATA, AND INFORMATION SERVICE
NATIONAL CLIMATIC DATA CENTER
FEDERAL BUILDING
ASHEVILLE, N.C. 28801