ISSN 0145-0549

CLIMATOLOGICAL DATA

MARYLAND AND DELAWARE

OCTOBER 1984

VOLUME 88 NUMBER 10

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

Kenneth D Vadeen

DIRECTOR
NATIONAL CLIMATIC DATA CENTER

noaa

NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

NATIONAL ENVIRONMENTAL SATELLITE, DATA AND INFORMATION SERVICE

NATIONAL CLIMATIC DATA CENTER ASHEVILLE NORTH CAROLINA

TEMPERATURE AND PRECIPITATION EXTREMES

MARYLAND			
HIGHEST TEMPERATURE	87	OCTOBER 28	2 STATIONS
LOWEST TEMPERATURE	32	OCTOBER 7+	6 STATIONS
GREATEST TOTAL PRECIPITATION	5.39		2 STATIONS
LEAST TOTAL PRECIPITATION	1.46		2 STATIONS
GREATEST 1 DAY PRECIPITATION	3.32	OCTOBER 23	2 STATIONS
DELAWARE			
HIGHEST TEMPERATURE	86	OCTOBER 22	2 STATIONS
LOWEST TEMPERATURE	36	OCTOBER 7	2 STATIONS
GREATEST TOTAL PRECIPITATION	4.02		2 STATIONS
LEAST TOTAL PRECIPITATION	2.00		2 STATIONS
GREATEST 1 DAY PRECIPITATION	1.48	OCTOBER 1	2 STATIONS

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

MARYLAND AND DELAWARE
OCTOBER 1984

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
MARYLAND																								
SOUTHERN EASTERN SHORE 01																								
ASSATEAGUE STATE PARK	73.8	57.8	65.8		80	28	47	3	35	70	0	0	0	0	2.91		.71	1	.0	0		7	3	0
PRINCESS ANNE	74.2	52.7	63.5	5.9	83	20	36	3	103	65	0	0	0	0	1.46	-2.22	.85	1	.0	0		3	1	0
SALISBURY	73.3	54.9	64.1	5.0	84	20	40	3	82	59	0	0	0	0	2.39	-1.24	1.10	1	.0	0		5	2	1
SALISBURY FAA AP	73.0	54.9	64.0	6.6	84	20	37	7	92	70	0	0	0	0	2.02	-1.71	1.16	1	.0	0		3	2	1
SNOW HILL 4 N	73.5	54.6	64.1	6.0	84	27+	36	7	94	73	0	0	0	0	1.93	-1.87	.74	1	.0	0		4	2	0
--DIVISIONAL DATA-------->			64.3	5.6											2.14	-1.42			.0					
CENTRAL EASTERN SHORE 02																								
CAMBRIDGE WTR TRMT PL	73.8	53.8	63.8	5.3	84	28	39	3	85	55	0	0	0	0	2.79	-.49	1.16	1	.0	0		6	2	1
DENTON 2 E	73.6	51.6	62.6	4.9	85	20	37	7+	119	52	0	0	0	0	2.62	-.75	1.18	1	.0	0		5	2	1
ROYAL OAK 2 SSW	73.5	56.2	64.9	5.6	84	21	45	7	67	70	0	0	0	0	2.89	-.57	1.93	1	.0	0		4	2	1
VIENNA	74.5	56.3	65.4	6.5	83	29+	42	8	58	77	0	0	0	0	2.48	-.96	1.03	1	.0	0		5	1	1
--DIVISIONAL DATA-------->			64.2	5.5											2.70	-.63			.0					
LOWER SOUTHERN 03																								
LA PLATA 1 W	72.3	54.2	63.3	5.7	84	28+	39	3	104	59	0	0	0	0	4.03	.62	1.80	1	.0	0		5	3	2
MECHANICSVILLE 5 NE	72.7	54.1	63.4		85	28	40	3	105	63	0	0	0	0	3.52		2.11	1	.0	0		5	2	1
OWINGS FERRY LANDING	M	M	M																M	M				
PATUXENT RIVER	72.2	57.3	64.8		85	21	43	3	67	65	0	0	0	0	5.25		2.22	23	.0	0		4	3	3
--DIVISIONAL DATA-------->			63.8	5.8											4.27	1.00			.0					
UPPER SOUTHERN 04																								
ANNAPOLIS POLICE BRKS	73.6	57.0	65.3		85	28	42	3	58	76	0	0	0	0	2.96		1.46	1	.0	0		4	3	1
BALTIMORE WSO AP R	70.6	53.7	62.2	5.3	83	28+	40	3	123	41	0	0	0	0	1.94	-1.17	1.07	1	.0	0		5	1	1
BELTSVILLE	71.3	52.0	61.7	6.7	84	22	37	3	132	37	0	0	0	0	3.14	-.10			.0	0		4	2	0
COLLEGE PARK	72.8	54.7	63.8	6.4	85	29+	38	3	90	60	0	0	0	0	3.06	-.05	.90	1	.0	0		4	4	0
DALECARLIA RESVR D C	74.0	53.1	63.6	6.0	85	28+	35	3	102	63	0	0	0	0	3.48	.18	1.27	1	.0	0		6	3	1
GLENN DALE BELL STN	73.8	48.7	61.3	4.7	84	28+	35	3	146	38	0	0	0	0	3.15	-.15	1.12	1	.0	0		4	3	1
LAUREL 3 W	72.5	53.2	62.9	4.7	83	28	44	3	108	47	0	0	0	0	2.87	-.26	1.63	1	.0	0		5	1	1
NATIONAL ARBORETUM D C	72.5	51.7M	62.1M	3.8	84	29+	40	3	125	45	0	0	0	0	3.03	-.14	.87	1	.0	0		5	4	0
UPPER MARLBORO 3 NNW	72.8	51.6	62.2		86	29	39	3	123	46	0	0	0	0	3.03	-.26	1.14	1	.0	0		5	2	1
--DIVISIONAL DATA-------->			62.8	5.8											2.96	-.18			.0					
NORTHERN EASTERN SHORE 05																								
CENTREVILLE	74.2	52.5	63.4		84	28+	40	3	92	48	0	0	0	0	3.45		1.80	1	.0	0		4	2	2
CHESTERTOWN	72.1	54.3	63.2	5.4	83	28+	44	7+	103	54	0	0	0	0	2.66	-.50	1.54	1	.0	0		4	1	1
--DIVISIONAL DATA-------->			63.3	5.7											3.06	.00			.0					
NORTHERN CENTRAL 06																								
ABERDEEN PHILLIPS FLD	M	54.4	M		80	22	38	3			0	0	0	0	3.67		1.50	1	.0	0		4	3	1
BALTIMORE WSO CI R	72.5	56.5	64.5	4.4	86	28+	47	6	78	70	0	0	0	0	2.04	-1.05	.87	1	M	M		6	1	0
BENSON POLICE BARRACKS	72.9	50.1	61.5	5.5	85	22	39	6+	134	31	0	0	0	0	2.86	-.12	.69	1	.0	0		5	3	0
BOYDS 2 NW	72.0	53.1	62.6		83	28+	39	3	110	41	0	0	0	0	2.56		.97	1	.0	0		4	2	0
CATOCTIN MOUNTAIN PARK	66.1	51.3	58.7		78	27	40	6	202	13	0	0	0	0	3.15		.91	1	.0	0		5	3	0
CLARKSVILLE 3 NNE	72.9	50.8	61.9		87	28	35	3	135	45	0	0	0	0	2.82		1.01	1	.0	0		6	3	1
CONOWINGO DAM	70.7	52.5	61.6	6.3	85	28	40	3	129	34	0	0	0	0	3.23	.04	1.14	29	.0	0		7	3	1
DAMASCUS 2 SW	69.6	52.5	61.1		83	28	38	3	145	32	0	0	0	0	3.10		1.01	1	.0	0		4	3	1
EMMITSBURG 2 SE	71.2	48.5	59.9		81	28+	35	15	174	22	0	0	0	0	4.17		1.20	23	.0	0		5	3	2

SEE REFERENCE NOTES FOLLOWING STATION INDEX

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

MARYLAND AND DELAWARE
OCTOBER 1984

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
FREDRICK POLICE BRKS	72.4	53.9	63.2		83	27	43	15+	99	51	0	0	0	0	3.80		1.78	23	.0	0		4	3	1
PARKTON 2 SW //	69.1	48.4	58.8		83	28	34	3	208	20	0	0	0	0	5.39		2.68	22	.0	0		7	3	2
ROCKVILLE 1 NE	71.5	54.2	62.9	6.1	85	28+	41	3	111	56	0	0	0	0	3.03	.03	1.32	1	.0	0		5	2	1
TOWSON	M	M	M																M	M				
UNIONVILLE	71.5	47.9	59.7	5.9	84	27	32	3	179	24	0	0	1	0	5.33	2.40	3.32	23	.0	0		4	3	1
WESTMINSTER POLICE BRK	71.2	52.6	61.9	7.0	82	29+	42	6+	126	37	0	0	0	0	5.33	2.23	3.29	23	.0	0		6	3	1
WOODSTOCK	71.8	52.1	62.0	6.8	84	28+	38	3	128	42	0	0	0	0	3.25	.13	1.02	1	.0	0		6	3	1
--DIVISIONAL DATA-------->			61.5	5.7											3.58	.43			.0					
APPALACHIAN MOUNTAIN 07																								
CUMBERLAND 2	72.2	49.4	60.8	5.8	85	19	35	3+	148	22	0	0	0	0	2.17	-.54	.70	1	.0	0		9	1	0
FROSTBURG 2	64.8	45.4	55.1		79	20	32	7	301	1	0	0	1	0	3.43		.72	1	.0	0		10	1	0
HAGERSTOWN	71.0	51.2	61.1	5.8	83	27	39	3	149	36	0	0	0	0	1.87	-1.26	.72	1	.0	0		6	1	0
HANCOCK FRUIT LAB	72.1	50.1	61.1	8.2	84	21	32	3	147	33	0	0	1	0	2.94	.01	.79	22	.0	0		7	3	0
--DIVISIONAL DATA-------->			59.5	5.2											2.60	-.37			.0					
ALLEGHENY PLATEAU 08																								
MC HENRY 2 NW	65.4	47.8	56.6		77	22	34	2	255	1	0	0	0	0	4.01		.90	29	.0	0		9	3	0
OAKLAND 1 SE	68.5	46.1	57.3	7.8	81	27	33	3	229	1	0	0	0	0	3.82	.65	.89	1	.0	0		7	3	0
SAVAGE RIVER DAM	66.7	46.4	56.6	5.8	79	28	34	3	254	0	0	0	0	0	3.51	.63	.83	1	.0	0		10	2	0
--DIVISIONAL DATA-------->			56.8	7.3											3.78	.65			.0					
DELAWARE																								
NORTHERN 01																								
MIDDLETOWN 1 WSW	72.3	51.3	61.8		84	27	38	7+	140	47	0	0	0	0	3.38		1.22	1	.0	0		5	3	1
NEWARK UNIVERSITY FARM	71.8	52.5	62.2	5.9	83	28+	39	7+	125	44	0	0	0	0	3.00	-.18	1.00	1	.0	0		5	3	1
WILMINGTON WSO AP R	70.3	52.0	61.2	4.9	84	21	38	7	149	34	0	0	0	0	3.31	.42	1.19	1	.0	0		6	3	1
WILMGTON PORTER RESVR	70.0	53.1	61.6	5.9	82	21	41	7	134	34	0	0	0	0	4.02	.79	1.48	1	.0	0		7	2	2
--DIVISIONAL DATA-------->			61.7	5.3											3.43	.26			.0					
SOUTHERN 02																								
BRIDGEVILLE 1 NW	74.0	54.1	64.1	6.7	84	27	39	7+	89	68	0	0	0	0	2.00	-1.42	.88	1	.0	0		4	2	0
DOVER	73.5	54.4	64.0	5.4	84	21	40	7	91	65	0	0	0	0	2.19	-1.37	1.05	1	.0	0		4	2	1
GEORGETOWN 5 SW	71.8	52.5	62.2	5.2	84	28	36	7+	129	50	0	0	0	0	2.75	-.73	.76	2	.0	0		5	4	0
LEWES	71.4	55.5	63.5	6.0	83	27	39	7	97	58	0	0	0	0	3.18	-.15	1.44	29	.0	0		4	2	2
MILFORD 4 SE	72.7	54.6	63.7	6.0	86	22	38	7	101	68	0	0	0	0	2.60	-.87	1.16	1	.0	0		4	2	1
--DIVISIONAL DATA-------->			63.5	5.8											2.54	-.93			.0					

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION (INCHES)

MARYLAND AND DELAWARE
OCTOBER 1984

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 STATE PARK	2.91	.71	.12	.02										.50	.36	
PRINCESS ANNE	1.46	.85	.26													
SALISBURY	2.39	1.10	.18												.01	
SALISBURY FAA AP	2.02	1.16	.01											T	T	
SNOW HILL 4 N	1.93	.74	.11												T	
CENTRAL EASTERN SHORE 02																
CAMBRIDGE WTR TRMT PL	2.79	1.16	.14													
DENTON 2 E	2.62	1.18	.30													
ROYAL OAK 2 SSW	2.89	1.93	.13						T							
VIENNA	2.48	1.03	.32													
LOWER SOUTHERN 03																
LA PLATA 1 W	4.03	1.80	.12						.01							
MECHANICSVILLE 5 NE	3.52	2.11	.03							T						
OWINGS FERRY LANDING	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PATUXENT RIVER	5.25	1.35	.03													T
UPPER SOUTHERN 04																
ANNAPOLIS POLICE BRKS	2.96	1.46	.14													
BALTIMORE WSO AP R	1.94	1.07	T						T	.05						T
BELTSVILLE	3.14	.78	.67							.05	T					
COLLEGE PARK	3.06	.90	.60							.02						
DALECARLIA RESVR D C	3.48	1.27	.39							.02						
GLENN DALE BELL STN	3.15	1.12	.36							T						
LAUREL 3 W	2.87	1.63	.01													
NATIONAL ARBORETUM D C	3.03	.87	.63							T						
UPPER MARLBORO 3 NNW	3.03	1.14	.34							.02						
NORTHERN EASTERN SHORE 05																
CENTREVILLE	3.45	1.80														
CHESTERTOWN	2.66	1.54	.04						T	.03						
NORTHERN CENTRAL 06																
ABERDEEN PHILLIPS FLD	3.67	1.50	.27				*	*	*	.02						
BALTIMORE WSO CI R	2.04	.87														
BENSON POLICE BARRACKS	2.86	.69	.47							.07						
BOYDS 2 NW	2.56	.97								.06						
BRIGHTON DAM	3.50	1.53	T							.10						
CATOCTIN MOUNTAIN PARK	3.15	.91	T							.06						
CLARKSVILLE 3 NNE	2.82	1.01	.52							.11						
CONOWINGO DAM	3.23	.20	.71							.06						
DAMASCUS 2 SW	3.10	1.01	.03						T	.09						
EMMITSBURG 2 SE	4.17	.90								.09						
FREDRICK POLICE BRKS	3.80	.86								.08						
FREDERICK 3 E	4.06	.97	.36							.10						
PARKTON 2 SW //	5.39	1.15							.02	.11	.01					
POTOMAC FILTER PLANT	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ROCKVILLE 1 NE	3.03	1.32								.06			T			
TOWSON	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
UNIONVILLE	5.33	.99								T						.06
WESTMINSTER POLICE BRK	5.33	.75	.17							.10						
WOODSTOCK	3.25	1.02	.58							.12						

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
MARYLAND																
SOUTHERN EASTERN SHORE 01																
ASSATEAGUE STATE PARK									.51					.41	.28	T
PRINCESS ANNE										.02				.28	.05	
SALISBURY	T								.45	T				.55	.10	
SALISBURY FAA AP	T							.11	.02	T				.72		
SNOW HILL 4 N	T								.38					.67	.03	
CENTRAL EASTERN SHORE 02																
CAMBRIDGE WTR TRMT PL	.04							.19	.55	.01				.36	.34	
DENTON 2 E								.15	.22	.01				.71	.05	
ROYAL OAK 2 SSW	T						.07	.04	.14					.58		
VIENNA								.07	.48					.42	.16	
LOWER SOUTHERN 03																
LA PLATA 1 W	.22							.04	.52		.02			1.30		
MECHANICSVILLE 5 NE	.13	T	T				.05	.05	.41	T				.57	.17	
OWINGS FERRY LANDING	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PATUXENT RIVER	.02						.11	2.22	.06				.07	1.39		
UPPER SOUTHERN 04																
ANNAPOLIS POLICE BRKS					T				.56		T			.80		
BALTIMORE WSO AP R	T				.02		.09	.26	.11	T	T		.24	.10		
BELTSVILLE	.01					.03		.21	.49	.05			*	.85		T
COLLEGE PARK	.02		.01	T	T	T	T	.01	.60	.06	.01			.83		
DALECARLIA RESVR D C	.10				.03			.22	.72		.01			.72		
GLENN DALE BELL STN	.04								.96		.02			.65		
LAUREL 3 W	.08		T				.29	.36					.27	.23		
NATIONAL ARBORETUM D C	T	.03	.02			T		.03	.60	.15				.70	T	
UPPER MARLBORO 3 NNW	T		.02					T	.42	.12	.02			.92	.03	
NORTHERN EASTERN SHORE 05																
CENTREVILLE							.10	.08	.37					1.10		
CHESTERTOWN							.01	.07	.30				.40	.27		
NORTHERN CENTRAL 06																
ABERDEEN PHILLIPS FLD	T					*	.03	.67	.65			*	*	.53		
BALTIMORE WSO CI R					.06		.18	.29	.12	.03			.29	.20		
BENSON POLICE BARRACKS	.03	.03			.06			.30	.66		T			.55		
BOYDS 2 NW	.09				.04		.03	.28	.66					.43		
BRIGHTON DAM								.32	.45				.80	.30		
CATOCTIN MOUNTAIN PARK			.05	.01	.29		.04	.68	.28	.07				.76		
CLARKSVILLE 3 NNE	T				.05		T	.12	.56					.45		
CONOWINGO DAM						.01	.58	.33	.10	.10				1.14	T	
DAMASCUS 2 SW	.04	.01	.09	.01	.04		T	.71	.44		T			.63		
EMMITSBURG 2 SE	.05		.05		.40		T	1.20	.40	.01				1.07		
FREDRICK POLICE BRKS	.03				.05			1.78	.40					.60		
FREDERICK 3 E	.05		T		.05		T	1.38	.40	.07				.68		
PARKTON 2 SW //	.05	.03		.03	.08		2.68	.38	.21	T			.51	.13		
POTOMAC FILTER PLANT	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ROCKVILLE 1 NE	.03	T	.02		.03		.04	.32	.22	T			.47	.52		
TOWSON	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
UNIONVILLE								3.32	.33				.63			
WESTMINSTER POLICE BRK	.05							3.29	.37					.60		
WOODSTOCK	T	T			.05		T	.54	.46					.48		

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION (INCHES)

MARYLAND AND DELAWARE
OCTOBER 1984

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	2.17	.70	.14						T	.03						
EDGEMONT	1.86		.06							.09						
FROSTBURG 2	3.43	.72	.13						.03	.06	T					
HAGERSTOWN	1.87	.72							T	.08						
HANCOCK FRUIT LAB	2.94	.67							T	.04						
ALLEGHENY PLATEAU 08																
MC HENRY 2 NW	4.01	.70	.14						T	.04						
MERRILL	2.70	.74	.10						.02	.06						
OAKLAND 1 SE	3.82	.89	.03						T	.24				.01	.01	
SAVAGE RIVER DAM	3.51	.83	.14						.01	.08	.10					
DELAWARE																
NORTHERN 01																
MIDDLETOWN 1 WSW	3.38	1.22	.21													
NEWARK UNIVERSITY FARM	3.00	1.00	.19							.05						
WILMINGTON WSO AP R	3.31	1.19	T							T						
WILMGTON PORTER RESVR	4.02	1.48	.11													
SOUTHERN 02																
BRIDGEVILLE 1 NW	2.00	.88	.20													
DOVER	2.19	1.05	.27													
GEORGETOWN 5 SW	2.75	.53	.76													
LEWES	3.18	1.43	.16													
MILFORD 4 SE	2.60	1.16	.38													

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	.07		.15		.12		.15	.30	.18	.10				.20	.03	
EDGEMONT	.03	.02	.05		.14	T	.07	.38	.39	.02	T			.60	.01	
FROSTBURG 2	.40		.47		.24	.03	.03	.36	.21	.29	.04	.01		.27	.14	
HAGERSTOWN	.10	T		.05	.17		.05	.16	.22	T				.32		
HANCOCK FRUIT LAB	.09	T	.12		.27		.79	.18	.20				.04	.54		
ALLEGHENY PLATEAU 08																
MC HENRY 2 NW	.40		.32		.33	T	.04	.55	.40	.12	.02	.02		.90	.03	
MERRILL	.30				.23			.30	.28	.19	.02	.01		.45		
OAKLAND 1 SE	.35				.07		.34	.57	.37	.03	T		.08	.83		
SAVAGE RIVER DAM	.13	T	.76		.29	T	.03	.27	.27	.16	.08	.04		.25	.07	
DELAWARE																
NORTHERN 01																
MIDDLETOWN 1 WSW							T	.47	.58	T	T			.86	.04	
NEWARK UNIVERSITY FARM								.88	.64		.02			.22		
WILMINGTON WSO AP R	.02				T		.93	.27	.14		.01		.61	.14		
WILMGTON PORTER RESVR	.03			T	.40		1.20	.28	.30		.02		.20			
SOUTHERN 02																
BRIDGEVILLE 1 NW	T							.08	.26	.02				.54	.02	
DOVER								.03	.34					.50		
GEORGETOWN 5 SW								.03	.53	.04				.51	.35	
LEWES														1.44	.15	
MILFORD 4 SE								.05	.16					.80	.05	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES (°F)

MARYLAND AND DELAWARE
OCTOBER 1984

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	
MARYLAND																															
SOUTHERN EASTERN SHORE 01																															
ASSATEAGUE STATE PARK	MAX	68	62	68	74	75	77	73	72	78	75	74	73	71	66	72	72	76	73	73	78	79	76	76	73	70	79	79	80	79	73	73	73.8
	MIN	54	49	47	54	55	50	54	56	59	58	57	56	50	56	53	55	60	62	57	64	64	65	67	58	59	57	62	65	66	62	60	57.8
PRINCESS ANNE	MAX	67	60	67	71	68	70	72	73	79	75	74	72	70	69	76	74	74	79	79	83	81	81	80	75	64	76	82	82	79	78	71	74.2
	MIN	43	49	36	44	43	40	39	38	54	53	53	49	47	44	52	54	56	60	52	65	59	58	69	59	57	57	55	62	68	60	58	52.7
	OBS			***																													
SALISBURY	MAX	67	61	66	73	72	68	65	70	72	73	74	70	69	68	75	71	72	75	77	84	80	80	80	77	66	75	83	82	82	72	72	73.3
	MIN	52	49	40	49	49	50	41	42	56	58	54	51	56	56	51	55	56	59	54	62	61	67	62	57	56	56	58	62	66	59	58	54.9
SALISBURY FAA AP	MAX	67	60	66	73	71	66	64	74	77	73	74	70	67	68	76	67	73	76	80	84	81	81	80	65	66	77	83	83	81	68	71	73.0
	MIN	51	43	40	48	48	44	37	41	58	55	53	53	57	58	53	54	58	55	54	67	63	68	65	60	58	58	58	64	67	61	54	54.9
SNOW HILL 4 N	MAX	66	62	67	74	72	66	66	73	79	71	73	70	65	67	75	66	74	76	82	84	82	84	80	70	64	77	84	82	80	76	71	73.5
	MIN	53	49	39	46	45	49	36	38	55	53	52	49	56	57	52	51	56	59	52	63	59	68	69	60	59	55	57	65	69	62	59	54.6
CENTRAL EASTERN SHORE 02																															
CAMBRIDGE WTR TRMT PL	MAX	64	62	68	71	72	73	67	70	76	76	74	74	71	69	72	72	73	75	75	80	81	82	78	74	66	77	81	84	82	78	71	73.8
	MIN	48	48	39	46	46	49	42	45	56	55	55	52	51	51	50	54	56	60	55	62	60	66	64	55	56	60	59	58	58	57	56	53.8
DENTON 2 E	MAX	61	62	67	73	72	68	66	72	77	75	76	72	68	71	77	68	73	78	79	85	83	82	74	67	68	78	83	82	80	72	73	73.6
	MIN	46	42	37	41	42	43	37	40	53	51	52	55	54	54	41	49	55	59	51	52	60	64	64	52	54	60	60	59	65	56	53	51.6
	OBS																												***				
ROYAL OAK 2 SSW	MAX	64	64	67	72	77	69	67	71	79	75	75	72	70	72	72	65	71	76	71	80	84	82	75	69	67	76	83	83	81	76	72	73.5
	MIN	52	50	48	53	48	47	45	48	58	55	54	50	56	57	53	55	58	60	56	64	62	70	67	54	56	61	61	66	66	55	58	56.2
VIENNA	MAX	65	66	67	73	73	72	65	74	78	77	74	72	72	72	77	74	72	77	78	83	83	78	78	73	69	74	80	81	83	76	72	74.5
	OBS																									***							
	MIN	53	43	45	49	48	49	50	42	58	57	53	51	56	56	52	58	58	62	56	64	64	68	68	56	58	60	63	66	67	58	57	56.3
	OBS																									***							
LOWER SOUTHERN 03																															
LA PLATA 1 W	MAX	60	59	68	70	70	66	63	70	78	75	72	74	69	71	73	72	69	77	71	78	84	83	74	68	63	77	82	84	81	67	72	72.3
	MIN	50	48	39	46	51	49	53	49	47	55	53	49	54	49	47	47	59	57	58	62	61	68	66	54	56	60	59	63	66	52	54	54.2
MECHANICSVILLE 5 NE	MAX	59	61	68	71	70	68	69	70	75	71	73	73	67	72	74	68	70	78	73	81	84	83	75	66	65	78	83	85	83	70	72	72.7
	MIN	51	47	40	48	48	45	46	48	57	53	52	49	54	49	48	56	55	56	55	62	59	69	66	54	56	60	58	62	66	53	54	54.1
OWINGS FERRY LANDING	MAX																																M
	MIN																																M
PATUXENT RIVER	MAX	63	63	70	72	70	69	66	69	77	72	74	70	67	70	72	62	69	74	76	83	85	83	73	60	64	79	82	84	83	66	70	72.2
	MIN	49	48	43	51	52	54	54	54	57	56	55	54	60	55	58	60	59	58	57	63	61	69	59	57	59	62	60	66	66	60	59	57.3
UPPER SOUTHERN 04																															
ANNAPOLIS POLICE BRKS	MAX	66	62	68	71	70	68	65	66	74	73	73	74	72	73	74	71	69	74	71	79	84	83	80	80	66	77	78	85	81	78	77	73.6
	MIN	49	49	42	50	52	50	52	53	60	59	56	52	59	56	53	59	60	62	58	63	65	70	63	53	56	60	64	65	65	59	53	57.0
BALTIMORE WSO AP R	MAX	56	61	67	70	69	63	61	69	71	71	72	76	70	73	73	67	69	74	71	77	83	81	68	56	63	78	81	83	78	66	71	70.6
	MIN	49	43	40	47	48	47	48	48	57	57	55	49	56	53	47	55	58	58	57	63	61	65	54	52	55	59	60	58	59	52	55	53.7
BELTSVILLE	MAX	66	53	61	68	70	70	65	62	70	74	74	73	78	72	74	74	68	68	78	70	77	84	80	69	56	65	77	81	82	80	70	71.3
	OBS																												***	***			
	MIN	47	48	37	43	47	45	47	46	50	54	53	46	49	48	44	53	56	57	56	59	60	63	61	52	52	55	58	58	64	50	55	52.0
	OBS																												***	***			
COLLEGE PARK	MAX	67	54	63	71	73	71	67	66	71	76	75	75	77	70	74	76	69	69	77	70	80	85	81	71	62	66	79	84	85	82	71	72.8
	MIN	52	49	38	46	50	47	50	52	60	56	55	49	54	49	42	56	59	58	58	61	62	70	63	52	54	57	61	59	66	53	57	54.7
DALECARLIA RESVR D C	MAX	63	62	69	72	73	68	66	70	76	75	72	79	72	75	75	71	70	79	76	78	85	82	79	65	65	78	83	85	82	76	73	74.0
	MIN	46	46	35	44	55	42	48	46	60	64	57	49	49	45	42	61	56	62	55	59	48	65	65	51	52	56	67	56	62	48	55	53.1
GLENN DALE BELL STN	MAX	60	62	68	72	65	70	67	70	72	74	74	78	76	73	76	74	67	79	76	80	81	82	78	68	65	78	84	84	82	78	74	73.8
	MIN	48	46	35	39	42	36	36	40	56	52	48	42	45	38	42	44	56	54	53	55	53	68	59	50	52	58	53	51	62	45	53	48.7

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES(°F)

MARYLAND AND DELAWARE
OCTOBER 1984

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
LAUREL 3 W	MAX	61	62	68	73	71	67	66	69	67	75	73	75	79	74	74	70	69	82	73	78	82	79	70	57	67	77	82	83	79	70	74	72.5
	MIN	45	46	44	49	51	46	45	50	49	56	57	60	59	49	50	51	53	54	57	59	60	64	52	50	51	56	61	61	57	51	55	53.2
NATIONAL ARBORETUM D C	MAX	57	54	63	69	72	72	67	63	72	77	75	75	78	72	75	75	70	70	79	69	80	84	84	73	58	65	78	83	84	82	71	72.5
	MIN	46	48	40	44	43	45	45	47	50	58	52	48	47	57	44	53	54	55	55	56	59	60	60		51	56	59	58	63	49	50	51.7
UPPER MARLBORO 3 NNW	MAX	67	55	63	69	73	72	67	63	73	76	74	74	76	72	74	76	67	69	78	70	81	85	84	73	57	66	81	85	86	83	68	72.8
	MIN	48	47	39	43	46	47	46	46	50	53	51	46	47	47	43	53	54	57	54	57	58	62	62	52	53	55	58	58	64	49	54	51.6
NORTHERN EASTERN SHORE 05																																	
CENTREVILLE	MAX	64	67	68	71	70	69	68	73	75	75	71	73	69	74	76	72	76	75	79	80	84	82	77	67	74	79	80	84	80	75	73	74.2
	MIN	50	44	40	48	45	44	41	47	54	64	54	50	49	50	49	53	54	55	51	53	54	66	61	52	54	58	61	60	64	50	51	52.5
CHESTERTOWN	MAX	57	63	67	69	71	68	66	70	72	75	75	74	70	72	75	66	71	75	78	80	83	82	73	57	65	75	83	83	79	68	73	72.1
	MIN	49	46	45	49	47	44	44	47	57	55	56	51	52	55	52	53	57	59	54	63	62	68	56	53	54	61	62	65	61	52	54	54.3
NORTHERN CENTRAL 06																																	
ABERDEEN PHILLIPS FLD	MAX		60	68	70	70				69	70	75	75			76	73	67	74	74			80	78	63	66	74			78	73	73	M
	MIN	54	48	38	53	50	46	44	48	57	58	57	45	55	53	50	47	58	60	55	62	61	64	60	51	53	60	63	60	65	52	58	54.4
	OBS						***	***	***	***				***	***							***						***	***	***			
BALTIMORE WSO CI R	MAX	56	62	69	75	71	66	62	70	70	74	75	81	71	75	78	66	68	77	72	78	85	80	68	56	64	79	86	86	82	71	74	72.5
	MIN	48	48	48	55	53	47	53	54	60	60	58	54	57	53	54	59	60	62	60	65	64	66	54	51	54	58	64	62	59	54	59	56.5
BENSON POLICE BARRACKS	MAX	66	62	69	73	72	69	67	67	70	73	76	79	73	74	71	70	65	74	71	74	83	85	75	61	66	79	83	84	79	75	74	72.9
	MIN	44	43	39	48	43	39	40	45	54	50	51	48	51	48	48	49	53	55	50	60	56	61	55	47	48	55	57	56	59	46	54	50.1
BOYDS 2 NW	MAX	63	66	68	70	70	68	60	69	71	74	72	75	74	74	73	70	67	76	74	72	83	78	76	57	64	78	82	83	80	73	71	72.0
	MIN	47	46	39	49	49	42	50	49	57	55	55	52	51	49	47	54	58	55	58	60	62	65	56	49	51	57	61	61	60	49	52	53.1
CATOCTIN MOUNTAIN PARK	MAX	52	54	61	61	61	60	57	61	67	68	68	70	71	70	70	65	66	72	73	69	77	73	68	53	57	74	78	71	70	68	65	66.1
	MIN	44	42	41	47	51	40	47	49	57	49	56	51	51	46	49	54	53	56	58	61	59	62	52	44	45	54	63	59	59	47	45	51.3
CLARKSVILLE 3 NNE	MAX	60	61	70	69	70	68	65	69	72	74	73	76	76	73	74	72	68	76	76	74	84	81	77	63	64	80	84	87	81	73	71	72.9
	MIN	48	47	35	42	44	40	43	43	58	53	50	42	47	43	40	53	58	55	52	59	55	65	58	51	51	59	56	53	62	47	66	50.8
CONOWINGO DAM	MAX	57	62	69	69	68	64	60	67	72	72	75	77	72	71	75	65	67	72	71	73	81	80	67	56	67	79	84	85	76	69	71	70.7
	MIN	49	44	40	48	47	44	45	46	57	55	54	48	53	53	48	50	57	57	54	61	58	63	53	52	52	60	61	58	54	50	55	52.5
DAMASCUS 2 SW	MAX	55	60	67	69	69	64	59	68	70	74	72	75	69	71	71	67	64	75	71	71	81	75	72	54	62	75	81	83	77	67	70	69.6
	MIN	47	45	38	48	49	42	49	49	57	55	54	50	51	47	45	54	57	55	58	61	61	66	54	49	51	56	62	61	60	47	51	52.5
EMMITSBURG 2 SE	MAX	63	60	66	69	68	66	64	65	71	74	73	76	75	75	74	70	65	74	73	74	80	80	74	56	61	77	81	81	78	78	67	71.2
	MIN	46	45	37	42	40	40	41	47	55	46	50	42	46	43	35	50	55	54	50	59	56	62	53	46	49	55	58	50	59	44	48	48.5
	OBS																														57		
FREDRICK POLICE BRKS	MAX	63	61	69	70	69	68	63	67	73	76	74	77	75	74	75	71	68	77	76	74	82	82	77	59	62	76	83	82	78	73	71	72.4
	MIN	50	48	43	51	48	47	49	50	58	54	55	49	51	49	43	55	59	58	57	61	62	67	58	49	53	58	62	60	63	50	53	53.9
PARKTON 2 SW //	MAX	53	60	66	68	68	63	58	66	72	73	72	77	68	72	73	62	64	73	71	72	82	75	64	52	62	77	82	83	77	69	69	69.1
	MIN	45	39	34	43	42	36	42	42	54	50	50	46	48	43	41	48	54	54	51	58	57	62	50	48	50	55	59	55	52	43	48	48.4
ROCKVILLE 1 NE	MAX	55	60	68	68	70	64	61	68	74	74	72	78	70	74	74	68	67	78	70	76	85	80	69	56	65	81	84	85	81	70	72	71.5
	MIN	49	47	41	49	49	44	52	51	57	55	54	51	53	49	47	55	60	58	58	61	62	68	55	52	54	60	62	66	58	51	53	54.2
TOWSON	MAX																																M
	MIN																																M
UNIONVILLE	MAX	62	60	67	69	70	65	60	68	72	75	72	75	75	75	75	68	64	77	70	73	83	78	78	56	71	77	84	83	74	71	70	71.5
	MIN	47	46	32	37	41	37	42	45	56	50	51	40	42	41	34	50	57	51	49	60	56	62	54	48	51	57	55	55	49	42	49	47.9
	OBS																32																
WESTMINSTER POLICE BRK	MAX	63	58	65	76	67	68	63	68	71	73	71	74	74	70	74	72	66	72	73	72	81	81	76	58	62	76	80	82	82	70	68	71.2
	MIN	46	45	42	49	47	42	48	49	57	56	55	50	52	45	48	53	55	58	55	60	61	65	55	48	51	56	63	60	61	47	52	52.6
WOODSTOCK	MAX	61	61	69	70	70	65	59	67	70	75	73	78	70	72	76	69	67	77	72	73	84	78	76	59	64	77	84	84	80	72	74	71.8
	MIN	48	46	38	46	45	41	45	47	57	55	52	47	52	50	44	52	58	57	54	61	59	65	57	50	51	58	59	58	62	48	54	52.1

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES (°F)

MARYLAND AND DELAWARE
OCTOBER 1984

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	
APPALACHIAN MOUNTAIN 07																																	
CUMBERLAND 2	MAX	55	61	69	73	73	67	65	61	76	76	72	76	79	80	72	76	71	80	85	80	83	75	65	55	59	79	84	78	76	70	68	72.2
	MIN	43	35	35	45	43	43	47	53	53	54	52	44	44	45	46	55	59	53	53	55	55	57	50	50	53	55	54	54	50	49	46	49.4
FROSTBURG 2	MAX	52	46	53	62	65	64	57	59	58	70	70	68	71	70	70	67	69	65	72	79	66	75	69	55	51	63	70	76	70	68	60	64.8
	MIN	37	39	37	34	37	33	32	39	46	51	47	50	45	38	45	36	45	51	55	49	50	55	53	45	44	50	58	56	55	47	47	45.4
HAGERSTOWN	MAX	60	60	70	70	69	66	61	63	74	75	72	76	73	75	74	70	68	78	73	72	82	79	70	56	62	81	83	79	75	70	66	71.0
	MIN	48	46	39	48	44	41	48	52	50	50	49	46	42	44	42	54	58	56	55	61	59	64	55	49	52	57	61	60	61	48	48	51.2
HANCOCK FRUIT LAB	MAX	62	61	70	71	70	70	64	64	73	75	73	74	76	74	72	76	69	76	81	79	84	80	70	58	62	79	83	80	73	70	67	72.1
	MIN	51	41	32	42	38	36	44	50	56	56	52	49	38	50	36	54	59	56	51	60	55	62	55	50	54	55	54	61	60	47	48	50.1
ALLEGHENY PLATEAU 08																																	
MC HENRY 2 NW	MAX	56	56	50	58	63	67	58	62	61	69	70	72	72	70	66	68	70	70	69	76	75	77	60	58	54	62	67	76	66	65	63	65.4
	MIN	40	34	37	41	42	44	42	48	52	52	51	50	48	43	45	53	54	54	55	51	51	50	48	42	44	44	56	56	57	48	49	47.8
OAKLAND 1 SE	MAX	48	53	60	67	70	61	65	64	71	71	71	74	75	72	70	75	71	73	78	76	78	73	64	54	61	71	81	78	66	65	66	68.5
	MIN	43	36	33	39	37	43	42	43	56	48	44	50	39	39	36	53	48	57	45	51	51	58	49	44	50	52	48	49	55	46	45	46.1
SAVAGE RIVER DAM	MAX	50	50	50	66	70	68	59	62	60	74	77	68	75	72	75	68	72	68	77	69	67	72	70	56	52	58	75	79	71	69	69	66.7
	MIN	35	40	34	35	41	42	41	44	52	51	49	51	41	40	41	44	53	57	48	48	52	52	54	46	46	50	52	50	52	50	48	46.4
DELAWARE																																	
NORTHERN 01																																	
MIDDLETOWN 1 WSW	MAX	58	61	68	69	69	67	65	70	70	71	71	73	68	70	75	69	72	72	80	78	83	81	80	66	66	76	84	83	78	75	72	72.3
	MIN	44	47	38	45	42	43	38	42	48	51	55	44	52	52	49	47	55	57	49	59	58	66	61	52	51	59	61	58	62	50	54	51.3
NEWARK UNIVERSITY FARM	MAX	62	62	68	67	69	65	65	71	70	73	73	75	71	72	73	67	70	72	80	76	83	79	77	60	68	75	81	83	77	69	72	71.8
	MIN	49	48	39	47	43	43	39	44	56	52	55	46	53	51	51	49	55	58	52	63	60	62	59	51	51	60	64	57	64	51	56	52.5
WILMINGTON WSO AP R	MAX	58	62	68	67	69	63	62	66	70	73	72	72	71	73	74	66	65	71	76	76	84	79	67	55	66	75	78	82	76	70	72	70.3
	MIN	48	42	40	46	43	45	38	46	54	52	52	48	53	54	49	51	53	57	53	62	62	65	53	51	50	59	61	59	58	51	57	52.0
WILMGTON PORTER RESVR	MAX	55	60	65	66	71	62	63	67	72	73	72	73	69	70	74	65	66	75	77	75	82	78	67	55	67	72	81	80	76	70	71	70.0
	MIN	47	45	44	50	47	44	41	46	57	55	54	53	56	53	51	53	51	58	55	63	62	67	55	51	50	60	58	53	61	51	54	53.1
SOUTHERN 02																																	
BRIDGEVILLE 1 NW	MAX	64	60	68	73	72	69	66	71	76	74	74	72	72	68	77	68	75	76	80	83	83	82	78	72	67	78	84	82	80	77	73	74.0
	MIN	53	48	39	47	45	47	39	42	57	54	52	48	55	57	49	52	54	61	52	63	62	67	68	55	55	59	61	59	65	55	56	54.1
DOVER	MAX	64	61	68	71	71	68	64	68	72	72	73	73	71	72	74	74	70	73	81	81	84	82	81	71	67	78	80	83	80	78	73	73.5
	MIN	51	47	43	47	46	46	40	44	55	54	57	49	59	59	52	51	51	60	52	63	60	68	65	54	55	60	62	62	65	55	55	54.4
GEORGETOWN 5 SW	MAX	67	62	60	67	72	71	64	65	72	76	72	72	69	67	66	73	67	74	76	77	83	82	83	76	61	68	76	84	81	80	64	71.8
	MIN	53	49	36	42	45	45	36	39	49	54	52	48	50	56	50	52	54	55	52	55	56	63	66	57	56	56	60	63	66	56	57	52.5
LEWES	MAX	63	60	66	66	69	65	66	69	67	72	70	70	67	67	67	69	73	73	76	80	81	82	80	74	64	77	83	81	79	70	68	71.4
	MIN	54	49	42	52	49	53	39	40	65	58	50	55	50	58	58	53	56	58	54	55	61	68	65	47	58	58	65	64	66	61	60	55.5
	OBS																						54										
MILFORD 4 SE	MAX	63	61	69	71	69	64	65	69	74	71	72	69	68	65	73	68	74	74	83	83	85	86	79	65	66	80	84	83	81	69	71	72.7
	MIN	53	49	42	51	46	51	38	42	56	52	54	49	57	55	52	50	55	58	51	64	59	69	64	56	56	59	62	60	66	59	58	54.6

SEE REFERENCE NOTES FOLLOWING STATION INDEX

EVAPORATION AND WIND

MARYLAND AND DELAWARE
OCTOBER 1984

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	TOTAL OR AVG
MARYLAND																																	
UPPER SOUTHERN 04																																	
BELTSVILLE	WIND	66	72	60	37	36	40	27	24	16	9	18	11	40	70	54	17	19	16	12	11	14	53	37	58	22	31	20	*	53	37	28	1008
	EVAP	11	7	13	15	14	23	2	10	5	5	20	7	14	14	15	9	6	5	8	5	4	16	8	8	2	3	6	*	22	12	12	3.01
	MAX	71	55	63	70	74	73	73	61	69	75	77	76	79	73	74	76	69	67	79	70	77	84	78	72	58	67	77	-	-	81	74	72.1
	MIN	45	48	44	44	51	48	49	51	51	60	60	54	54	41	51	52	58	59	60	60	64	65	65	54	54	56	61	-	-	55	54	54.1
UPPER MARLBORO 3 NNW	WIND	16	15	13	13	4	9	7	1	2	0	1	1	8	24	17	4	1	1	5	6	6	26	17	15	1	0	1	2	12	6	2	236
	EVAP	12	5	8	11	11	13	10	6	2	8	7	7	11	12	10	8	5	5	9	2	6	18	7	11	2	4	7	10	17	13	7	2.64
	MAX	69	55	63	69	73	73	71	63	68	73	73	74	74	71	71	74	66	66	78	67	78	79	77	72	56	63	74	79	81	81	70	71.0
	MIN	52	51	47	47	53	52	51	54	54	62	61	56	54	53	53	55	59	61	61	62	63	65	67	56	56	56	62	63	67	60	59	57.2
ALLEGHENY PLATEAU 08																																	
SAVAGE RIVER DAM	WIND	40	26	34	44	24	17	25	20	14	10	19	21	19	29	27	18	23	23	22	23	1	28	14	20	19	24	14	19	13	26	28	684
	EVAP	-	-	5	9	22	3	4	0	6	*	9	3	5	10	9	12	*	16	7	9	1	0	0	3	14	*	6	17	-	1	7	1.97B
	MAX	50	52	55	62	71	66	60	63	57	72	71	69	70	72	76	60	66	66	70	68	66	68	66	57	52	55	62	66	60	65	60	63.6
	MIN	34	43	41	41	43	44	47	47	52	55	55	54	48	40	46	47	54	58	54	53	56	56	57	51	48	50	53	53	52	53	51	49.5
DELAWARE																																	
NORTHERN 01																																	
NEWARK UNIVERSITY FARM	WIND	32	53	18	25	10	24	7	6	4	9	13	12	31	35	12	4	10	8	11	13	19	15	22	21	11	21	16	16	17	29	14	538
	EVAP	23	10	-	8	9	12	11	4	1	3	8	8	7	13	8	14	2	*	7	2	10	2	9	5	4	*	9	*	13	13	6	2.28B
	MAX	65	57	64	66	67	65	62	75	65	68	73	71	68	67	66	65	63	68	73	72	76	74	71	63	-	68	73	76	73	69	67	68.3
	MIN	49	45	41	48	48	45	45	48	56	53	56	50	53	51	51	46	54	57	54	64	60	63	62	52	-	56	62	60	64	54	56	53.4
SOUTHERN 02																																	
GEORGETOWN 5 SW	WIND	110	114	52	63	59	42	43	25	19	25	40	39	102	254	58	36	14	37	10	33	62	134	117	65	46	54	53	69	94	57	36	1962
	EVAP	6	-	8	21	12	17	10	7	4	8	8	13	21	6	10	15	6	12	6	16	9	14	19	12	1	7	12	12	8	14	3	3.27B
	MAX	70	65	63	72	76	75	73	73	72	78	75	79	70	67	66	77	68	75	77	80	84	85	84	78	64	70	78	84	82	82	66	74.5
	MIN	54	50	44	43	52	52	42	48	50	60	60	56	56	58	55	55	58	58	60	59	61	69	67	61	60	60	63	64	68	63	62	57.0

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 STATE PARK	03350	01	WORCESTER	38 14	75 8W	7	17	17		H	ASSATEAGUE STATE PARK
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	07320	06	HARFORD	39 30	76 23W	365	17	17			MARYLAND STATE POLICE
BOYDS 2 NW	10320	06	MONTGOMERY	39 13	77 20W	580	18	18			HUNTER F STALEY
BRIGHTON DAM	11250	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	15300	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	18620	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	20600	06	HARFORD	39 39	76 10W	40	MID	MID		H	SUSQUEHANNA ELECTRIC CO
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 CK 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 2 WNW	59850	05	KENT	39 16	75 52W	30	17	17		H	INACTIVE 06/25/84
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	GEORGE P VON EIFF JR
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
WOODSTOCK	97500	06	BALTIMORE	39 20	76 52W	460	18	18		H	JOHN A HILTZ

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
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	8C	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	PIONEER HIBRED CORN CO
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	17C	H	UNIV OF DELAWARE
WILMINGTON WSO AP	R 959501		NEW CASTLE	39 40	75 36W	79	MID	MID	C	HJ	NAIL 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 inches to hundredths 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 inches to tenths 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.

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.

LETTERS AND SYMBOLS USED IN THE STATION INDEX TABLE

R Amounts from recording gage.
// 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 gage unless indicated by an R.
G Observations appear in "Soil Temperatures" table.
J Station also published as a Local Climatological Data publication.
H Observations appear in "Snowfall and Snow on Ground" table.
MID Observation time is midnight.
SR Observation time near sunrise.
SS Observation time near sunset.
VAR Observation time varies.
MO Gage read once monthly, usually the last day.
OC Gage readings vary from a few weeks to several months.
WI Gage read weekly or irregularly.
WM Gage read weekly and last day of month.
Thermometers located in a rooftop shelter.

LETTERS AND SYMBOLS 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.
* Gage not read. Precipitation is included in the amount following the asterisks. Time distribution not known. An * preceding the monthly total indicates precipitation amount is being carried forward to next months total, and may include amounts from the previous month(s).
V Includes total for previous month(s). (See * above)
// 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 gage.
T Trace. An amount too small to measure.

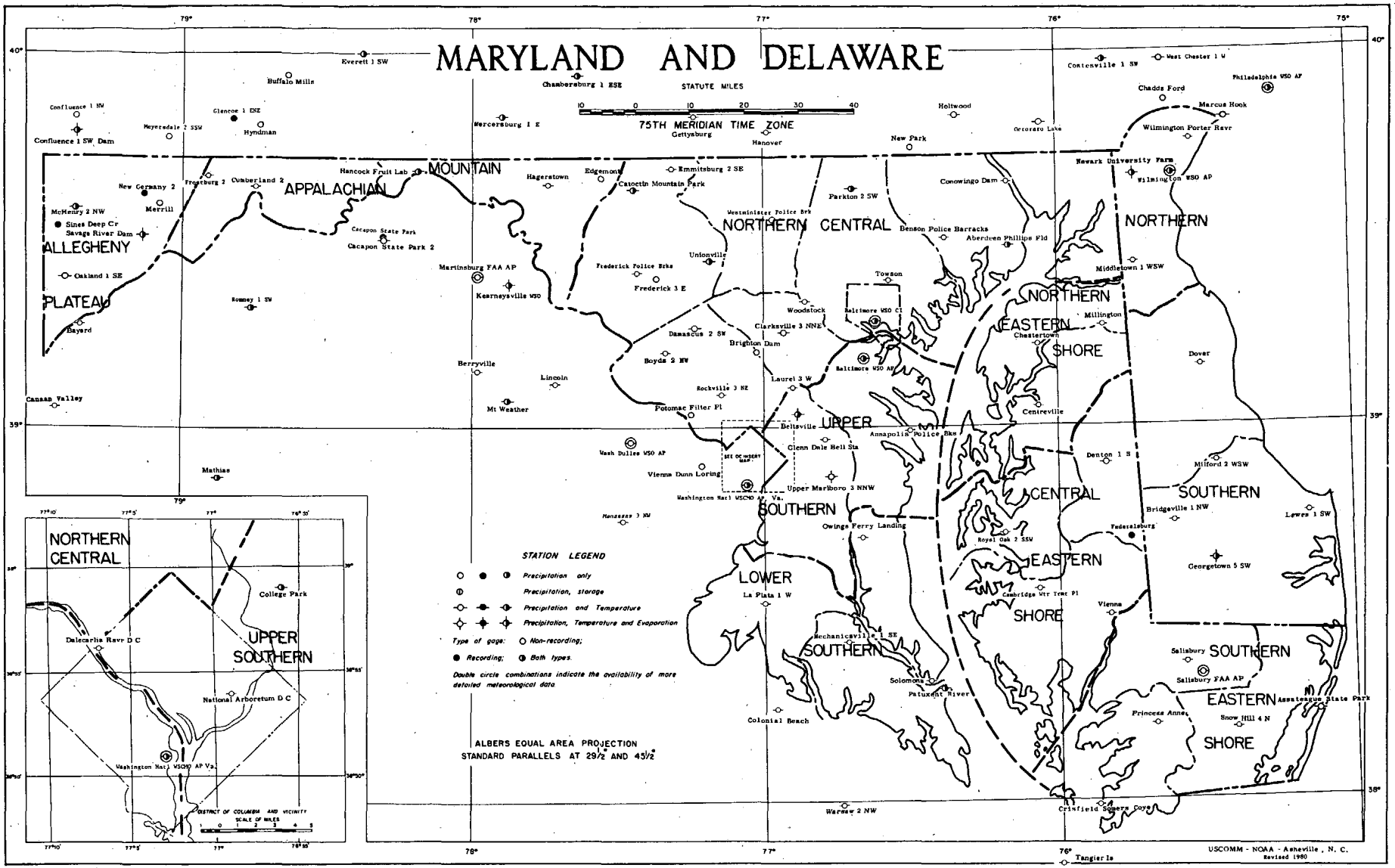
Additional Information regarding the climate of this state may be obtained by writing to the National Climatic Data Center, Federal Building, Asheville, N. C. 28801, or to any Weather Service Office near you. Additional precipitation data are contained in the "Hourly Precipitation Data" bulletin for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

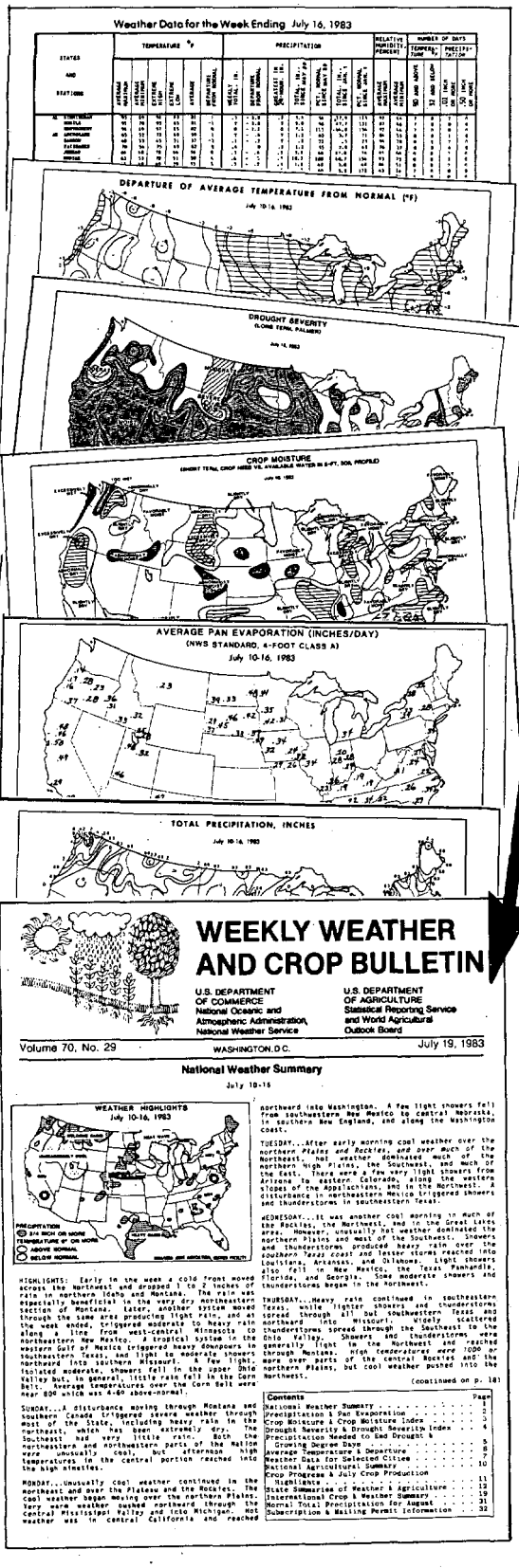
Information concerning the history of changes in locations, exposure, etc. of substations through 1955 is available in the "Substation History" publication. Subsequent historical information is kept on file at the National Climatic Data Center. Similar information for regular National Weather Service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

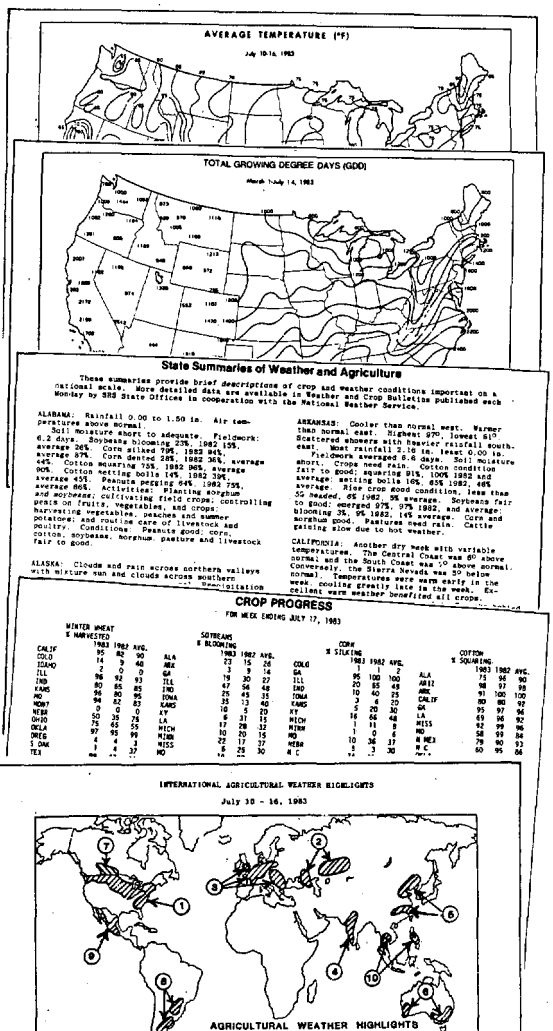
SUBSCRIPTION, PRICE AND ORDERING INFORMATION AVAILABLE FROM:
THE NATIONAL CLIMATIC DATA CENTER, FEDERAL BUILDING,
ASHEVILLE, N.C. 28801 (ATTN: PUBLICATIONS)

USCOMM-NOAA-ASHEVILLE, N.C. OCTOBER 1984-0895


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
Precipitation, storage
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.
Revised 1980

SUBSCRIBE TO THE





1. UNITED STATES ... Hot, dry weather in the Corn Belt and eastern states is causing some soil moisture shortages and localized crop stress, as the critical reproductive stage begins. Rains over the Northwest are finally relieving dryness in eastern Montana. Abundant sunshine favors wheat harvest in the central and northern Plains.

2. USSR ... In European USSR, showers are benefiting crops in many areas, but more rain is needed in the southeast for corn in the reproductive stage. In the New Lands, scattered precipitation and unseasonably warm temperatures are stressing spring grains in the heading stage.

3. EUROPE ..

Keep current. If you would like to keep up to date on weather and crop progress all year, subscribe to the Weekly Weather and Crop Bulletin. Send a $25 check payable to the Department of Commerce-NOAA to: Agricultural Weather Facility, USDA, South Building, Room 5844, Washington, DC 20250.

9. MEXICO .. southern Plateau corn ... slight, temporary relief to upper ... orchards, crops, and livestock as the rest of the north remains mostly dry.

10. SOUTHEAST ASIA ... Moderate rain benefited the south-central rice area of Thailand. Two tropical storms, bringing needed moisture to the Philippines, also caused some crop damage.

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

POSTAGE AND FEES PAID
U.S. DEPARTMENT OF COMMERCE

COM 210

**THIRD CLASS
BULK RATE**

