

CLIMATOLOGICAL DATA

MARYLAND AND DELAWARE

AUGUST 1984

VOLUME 88 NUMBER 8



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28801

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ASHEVILLE NORTH CAROLINA

TEMPERATURE AND PRECIPITATION EXTREMES

MARYLAND AND
DELAWARE
AUGUST 1984

MARYLAND
HIGHEST TEMPERATURE 98
LOWEST TEMPERATURE 40
GREATEST TOTAL PRECIPITATION 10.79
LEAST TOTAL PRECIPITATION .50
GREATEST 1 DAY PRECIPITATION 4.75

DELAWARE
HIGHEST TEMPERATURE 94
LOWEST TEMPERATURE 50
GREATEST TOTAL PRECIPITATION 2.96
LEAST TOTAL PRECIPITATION .78
GREATEST 1 DAY PRECIPITATION 1.26

AUGUST 1
AUGUST 21

AUGUST 11

AUGUST 7
AUGUST 22+

AUGUST 3

DALECARLIA RESVR D C
FROSTBURG 2
CATOCTIN MOUNTAIN PARK
ASSATEAGUE STATE PARK
CATOCTIN MOUNTAIN PARK

LEWES
2 STATIONS
GEORGETOWN 5 SW
LEWES
GEORGETOWN 5 SW

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

MARYLAND AND
DELAWARE
AUGUST 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				TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	SNOW SLEET			NO. OF DAYS		
											90 OR ABOVE	32 OR BELOW	32 OR BELOW	0 OR BELOW					TOTAL	MAX. DEPTH ON GROUND	DATE	.10 OR MORE	.50 OR MORE	1.00 OR MORE
FREDRICK POLICE BRKS	85.8	66.6	76.2		91	7	53	21	0	356	5	0	0	0	4.76		1.01	11	.0	0		10	4	1
PARKTON 2 SW	82.4	61.6	72.0		87	30+	46	21	7	234	0	0	0	0	3.47		.83	9	.0	0		9	2	0
ROCKVILLE 1 NE	85.5	68.5	77.0	2.6	90	30+	54	21	0	379	7	0	0	0	6.29	-1.83	.87	1	.0	0		9	2	0
TOWSON	85.1	70.7	77.9		94	12	53	31		406	2	0	0	0	3.12	-1.67	1.10	14	.0	0		9	1	1
UNIONVILLE	84.0	66.3	72.2	1.0	90	10	45	31	5	235	1	0	0	0	5.47	-1.71	1.82	10	.0	0		5	4	3
WESTMINSTER POLICE BRK	84.1	64.4	74.3	1.3	89	30+	49	31	9	294	0	0	0	0	8.03	4.03	2.01	4	.0	0		11	5	3
WOODSTOCK	85.0	64.6	74.8	1.3	90	30+	50	21	1	312	3	0	0	0	7.55	3.57	2.85	12	.0	0		8	3	2
--DIVISIONAL DATA-->			74.7	.8										5.15	.85			.0	0					
APPALACHIAN MOUNTAIN 07																								
CUMBERLAND 2	85.8	62.1	74.0	.8	94	9	50	21+	0	284	3	0	0	0	4.67	1.34	1.55	12	.0	0		8	4	1
FROSTBURG 2	78.5	56.7	67.6		86	10	40	21	30	119	0	0	0	0	6.74		2.96	12	.0	0		10	5	1
HAGERSTOWN	84.5	63.9	74.2	.8	91	8	50	21	0	295	3	0	0	0	7.29	3.70	3.53	11	.0	0		10	2	1
HANCOCK FRUIT LAB	84.0	62.1	73.1	1.4	90	9	46	21	3	262	1	0	0	0	4.57	1.27	1.46	11	.0	0		9	3	1
--DIVISIONAL DATA-->			72.2	-1.1										5.82	2.31			.0	0					
ALLEGHENY PLATEAU 08																								
MC HENRY 2 NW	78.5	58.2	68.4		85	10	50	25+	16	129	0	0	0	0	6.19		1.40	5	.0	0		9	5	3
OAKLAND 1 SE	79.4	57.5	68.5	1.8	86	9	42	21	17	135	0	0	0	0	4.56	-1.04	1.10	12	.0	0		10	4	1
SAVAGE RIVER DAM	81.3	58.4	69.9	1.3	89	10	44	22+	14	172	0	0	0	0	4.32	.71	1.79	11	.0	0		8	2	1
--DIVISIONAL DATA-->			68.9	2.1										5.02	.84			.0	0					
DELAWARE																								
NORTHERN 01																								
MIDDLETOWN 1 WSW	85.5	63.7	74.6		90	9	50	21	0	306	1	0	0	0	1.41		.55	8	.0	0		5	1	0
NEWARK UNIVERSITY FARM	85.1	65.4	75.3	.8	90	9+	51	21	0	326	2	0	0	0	2.81	-1.69	1.04	13	.0	0		6	3	1
WILMINGTON WSO AP	84.1	66.3	75.2	1.4	92	8+	51	21	2	327	3	0	0	0	1.56	-2.47	.46	10	.0	0		5	0	0
WILMGTON PORTER RESVR	83.5	67.3	75.4	1.7	90	8	55	21	2	329	1	0	0	0	1.34	-3.08	.57	12	.0	0		2	2	0
--DIVISIONAL DATA-->			75.1	.6										1.78	-2.39			.0	0					
SOUTHERN 02																								
BRIDGEVILLE 1 NW	85.8	63.2	74.5	-1.2	91	8	51	26	0	303	3	0	0	0	1.50	-3.78	.76	3	.0	0		5	1	0
DOVER																								
GEORGETOWN 5 SW	84.9	64.0	74.5	-1.4	90	31+	50	22	0	302	3	0	0	0	2.96	-2.47	1.26	3	.0	0		4	3	1
LEWES	84.9M	68.0	76.5M	2.2	94	7	55	22	0	364	6	0	0	0	.78	-4.58	.28	1	.0	0		3	0	0
--DIVISIONAL DATA-->			75.2	.1										1.75	-3.49			.0	0					

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION (INCHES)

MARYLAND AND
DELAWARE
AUGUST 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	5.50		T	.29												
PRINCESS ANNE	5.02			1.09	.07		.08					.15				
SALISBURY	1.60		.03	.32								.06	.76	1.90		
SALISBURY FAA AP	1.56	.02		.33		.01		T	.05		.05				.03	
SNOW HILL 4 N	.81	T	T	.25	.01		.04	T	.04		.09				.27	
CENTRAL EASTERN SHORE 02																
CAMBRIDGE WTR TRMT PL	5.76		.03	.15	.04						1.34		.96	1.40	1.84	
DENTON 2 E	M															
ROYAL OAK 2 SSW	2.67		.03	.11	.03	T				.24	.05	.01			T	
VIENNA	2.09			.36	.02					.03		.05	2.15	T		
												1.30			.33	
LOWER SOUTHERN 03																
LA PLATA 1 W	M															
MECHANICSVILLE 1 SE	M															
OWINGS FERRY LANDING	M															
PATUXENT RIVER	4.49	T	T	.70	.03						T	.33	T	3.37	T	T
UPPER SOUTHERN 04																
ANNAPOLIS POLICE BRKS	4.56		.05	.06	.23									2.41	.01	.03
BALTIMORE WSO AP	4.11	.12	.50	1.84	.01	.20		T	1.59	T		.21	.63	.17		
BELTSVILLE	1.74		.23	.24	.07		.01				T	.03	.15	T	.20	
COLLEGE PARK	2.18	.19	.20	.06		.02		.32	.04	.03	.03	.21	.32	.12	.87	T
DALECARLIA RESVR D C	3.69		.44	.30	.13	.07			.17		1.04	.02	.83	.09		
GLENN DALE BELL STN	2.48		.13	.50	.05	.02			.09		.13	.50	.40	.19	.39	
LAUREL 3 W	2.70	1.00		.14	T			.82	.09		T	.03	.18			
NATIONAL ARBORETUM D C	3.12		.20	.10	.02	.02			.65		T	.13	.89	.48	.48	T
UPPER MARLBORO 3 NNW	3.21		.07	.15	.05	.54			.21		T	.30	1.70	.02		
NORTHERN EASTERN SHORE 05																
CENTREVILLE	5.33				.30	1.60								2.10		
CHESTERTOWN	4.23	T	.12	.08	.29	.03		1.12	.50	.40	.20		.48	.07	.48	
NORTHERN CENTRAL 06																
ABERDEEN PHILLIPS FLD	1.48		T	T	*	*	.38	T	.06			.03	*	*	.85	
BALTIMORE WSO CI	3.18		1.22	.68							.10	.03	.64	.11		
BENSON POLICE BARRACKS	1.61		T		.36	.05						.10	.16	T	.03	.01
BOYDS 2 NW	4.17			.16	.48						.78	.01	.94	.04	.83	.20
BRIGHTON DAM	3.24		.45	1.60	T			.30			.04		.85		T	
CATOCTIN MOUNTAIN PARK	10.79			.23	.90	.09	.02		.07		.07	.54	4.75	.29	2.20	.14
CLARKSVILLE 3 NNE	6.00		.76	1.95	2.09	.51			T		T	.30	.11	.01	.05	
CONOWINGO DAM	3.68		T		.15	.02		.75		.09		1.27	.76	T		
DAMASCUS 2 SW	7.11	1.58	.01	.17	.47	.01		.46	T		2.95	.10	.01	.07	.11	
EMMITSBURG 2 SE	5.70	T	.04	.29	2.66	T	.05		.15	.03	.15	.20	.18	.62	.34	.20
FREDRICK POLICE BRKS	4.76		.03	.60	1.34	.02	.15	.03	.09		.62	1.01	.73	.49	.14	T
FREDRICK 3 E	5.29			.45	.50		.10				.63	.09	.66	.15	.90	.02
PARKTON 2 SW	3.47		.04	.21	.01	.33		T			.83	.26	.01	.20	.81	.10
POTOMAC FILTER PLANT	2.78	.10	.48	.35	.03	T					.17	.02	.08	.10	.25	
ROCKVILLE 1 NE	6.29	2.87	.24	.38	.02	T		T	.33		.67		.03	.07	1.08	.12
TOWSON	3.12		.01	.20		.32			.12			.33	.20	.05	.22	1.10
UNIONVILLE	5.47	.03	.04			T		1.13				1.82	.86	.08	.06	.03
WESTMINSTER POLICE BRK	8.03			.10	2.01	.08	.02				.92	.41	.42	1.30	.42	.45
WOODSTOCK	7.55		2.45	.20	.92	.06			.08		.02	.09	2.85	.37	.10	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION (CONT)

MARYLAND AND
DELAWARE
AUGUST 1984

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 PRINCESS ANNE SALISBURY SALISBURY FAA AP SNOW HILL 4 N				.06 1.06 .15 1.17 .11												
CENTRAL EASTERN SHORE 02 CAMBRIDGE WTR TRMT PL DENTON 2 E ROYAL OAK 2 SSW VIENNA	-	-	-	.05	-	-	-	T	-	-	-	-	-	-	-	-
LOWER SOUTHERN 03 LA PLATA 1 W MECHANICSVILLE 1 SE OWINGS FERRY LANDING PATUXENT RIVER	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
UPPER SOUTHERN 04 ANNAPOLIS POLICE BRKS BALTIMORE WSO AP BELTSVILLE COLLEGE PARK DALECARLIA RESVR D C GLENN DALE BELL STN LAUREL 3 W NATIONAL ARBORETUM D C UPPER MARLBORO 3 NNW				.18 .43	.53 T .60 .08 T .53 .15 .17			T	.03 T						T	
NORTHERN EASTERN SHORE 05 CENTREVILLE CHESTERTOWN				.23 .28					.03							
NORTHERN CENTRAL 06 ABERDEEN PHILLIPS FLD BALTIMORE WSO CI BENSON POLICE BARRACKS BOYDS 2 NW BRIGHTON DAM CATOCTIN MOUNTAIN PARK CLARKSVILLE 3 NNE CONOWINGO DAM DAMASCUS 2 SH EMMITSBURG 2 SE FREDRICK POLICE BRKS FREDERICK 3 E PARKTON 2 SW POTOMAC FILTER PLANT ROCKVILLE 1 NE TOWSON UNIONVILLE WESTMINSTER POLICE BRK WOODSTOCK			*	* .37 .26 .51	.03 .02			.13	.04 .04 .22	.05						.01
				.53 .05 T .83 .05 .03 .38 1.17 .40 .33	.22 .07 .15 .10 .05 .12 .15			.81 .10 .07 .23 .77 .36 .20 .28 .03 .04	.42	.05			.02 .07 .01			
				.03 .04 .03 1.04 .70 .23				.38 1.09 .18	.19 .11							

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION (INCHES)

MARYLAND AND
DELAWARE
AUGUST 1984

STATION	TOTAL	DAY OF MONTH														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
APPALACHIAN MOUNTAIN 07	4.67	.16	.02	.69		.20										
CUMBERLAND 2	6.43			.21	.72	.01	.16	.07		.05		.68	1.55	.03	.38	.20
EDGEMONT	6.74	.02	.20	.53	T	.10		T	.06	.25	1.87	.73	.49	.32	.16	
FROSTBURG 2	7.29		.05	.43	.48	T			.30		.42	2.96	.70	.50	.59	
HAGERSTOWN	4.57		.08	.45	.02		.06			T	.15	3.53	.05	.43	.28	
HANCOCK FRUIT LAB									.85	.20	1.46	.10		.52	.08	
ALLEGHENY PLATEAU 08	6.19		T	.38	.03	1.40						.73	1.20	.11	1.23	
MC HENRY 2 NH	5.47	.12	.02	.97	.01	.42			.11			.79	1.30	.50	.37	
MERRILL	4.56	.34	.01	.12	.40	.09	.04	.12	.10			.63	1.10	.67	.04	
OAKLAND 1 SE	4.32	.26	.01	.12	.02	.40	T	T	.03	.01	.11	.18	1.79	.31	.03	
SAVAGE RIVER DAM																
DELAWARE																
NORTHERN 01	1.41				.10	.05										
MIDDLETOWN 1 WSH	2.81			.33	.12	.02			.55			.12	.47			
NEWARK UNIVERSITY FARM	1.56		.17	.08	T	T	T					.56	.64	1.04		
WILMINGTON WSO AP	1.34			T	T	.05					.46	.33	.19	T		
WILMGTON PORTER RESVR											.55	.08	.57			
SOUTHERN 02	1.50			.76	.28		.02		.13			T		T		
BRIDGEVILLE 1 NW	2.96			1.26	.79	.19								.03		
DOVER	.78	.28	.04	.14	.05	.17	.01		.05					.04	.02	
GEORGETOWN 5 SW									.01							
LEWES																

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION (CONT)

MARYLAND AND
DELAWARE
AUGUST 1984

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 EDGEMONT FROSTBURG 2 HAGERSTOWN HANCOCK FRUIT LAB				T	.28			.71 .89 .37 .85 .41	.06					T .15 .32	.05 .10	T .05
ALLEGHENY PLATEAU 08 MC HENRY 2 NW MERRILL OAKLAND 1 SE SAVAGE RIVER DAM					.02 .25			.81 .54 .68 .45					T .05		.17	.12 .08 .07
DELAWARE				T	T	T										
NORTHERN 01 MIDDLETOWN 1 WSW NEWARK UNIVERSITY FARM WILMINGTON WSO AP WILMINGTON PORTER RESVR					.12											
SOUTHERN 02 BRIDGEVILLE 1 NW DOVER GEORGETOWN 5 SW LEWES					.21										.10	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES (°F)

MARYLAND AND
DELAWARE
AUGUST 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	92	90	87	88	91	92	93	91	89	89	86	92	87	92	93	90	90	87	88	80	84	81	88	85	86	83	85	83	85	91	90	88.0	
	MIN	67	69	70	72	73	68	68	69	72	73	72	74	71	72	76	74	69	68	71	66	57	60	72	64	60	62	63	60	64	66	70	68.1	
PRINCESS ANNE	MAX	85	88	89	89	87	90	89	90	90	86	86	87	88	87	87	88	88	86	84	79	79	82	83	80	80	82	82	83	83	88	87	85.5	
	MIN	65	75	70	71	69	62	70	69	66	68	68	69	71	69	69	61	64	61	66	64	52	51	66	62	56	52	53	52	68	66	68	64.3	
SALISBURY	MAX	85	89	90	89	87	89	90	91	89	85	84	86	86	87	90	89	89	85	83	80	79	82	83	82	81	82	83	83	83	88	88	85.7	
	MIN	65	73	71	71	71	67	73	72	69	69	70	70	73	70	72	65	67	66	67	64	58	54	67	62	58	56	58	63	67	68	70	66.6	
SALISBURY FAA AP	MAX	86	91	92	92	89	89	89	89	87	85	83	88	83	85	89	89	88	86	81	80	80	83	84	81	80	83	82	85	83	90	88	85.8	
	MIN	68	74	73	74	74	71	73	71	68	69	69	72	73	69	67	64	67	65	68	60	55	53	65	63	59	56	56	66	70	70	67	66.7	
SNOW HILL 4 N	MAX	86	90	90	87	89	90	90	91	89	85	83	87	84	86	89	89	89	87	81	80	83	84	87	82	81	84	84	85	85	90	89	86.3	
	MIN	64	74	72	70	69	64	69	70	65	66	66	68	71	68	69	61	64	62	69	64	50	50	64	61	56	52	53	60	69	70	68	64.5	
CENTRAL EASTERN SHORE 02																																		
CAMBRIDGE WTR TRMT PL	MAX	88	91	90	89	89	90	91	91	90	86	85	84	88	84	88	89	89	87	85	82	79	82	81	79	80	81	83	84	82	89	89	86.0	
	MIN	68	74	71	68	68	68	72	71	71	69	70	73	73	69	73	69	72	67	64	65	58	55	69	66	62	56	58	65	70	69	71	67.5	
DENTON 2 E	MAX																																M	
	MIN																																	M
ROYAL OAK 2 SSW	MAX	86	91	88	90	87	90	90	90	91	85	89	90	89	88	89	90	89	85	80	79	79	85	79	80	81	85	85	86	82	90	88	86.3	
	MIN	69	74	73	71	71	66	72	70	70	73	72	71	74	72	73	66	66	65	65	65	51	54	71	64	58	56	59	69	72	70	72	67.5	
VIENNA	MAX	88	92	91	91	89	92	92	93	93	86	85	87	88	88	91	91	89	89	86	81	84	85	80	81	79	81	84	83	83	86	89	87.0	
	MIN	68	73	68	68	69	65	65	70	68	70	70	70	78	70	72	68	68	65	62	56	54	55	68	61	60	62	56	68	71	72	70	66.5	
	OBS																																	
LOWER SOUTHERN 03																																		
LA PLATA 1 W	MAX																																M	
	MIN																																	M
MECHANICSVILLE 1 SE	MAX																																	M
	MIN																																	M
OWINGS FERRY LANDING	MAX																																	M
	MIN																																	M
PATUXENT RIVER	MAX	85	91	89	89	87	90	93	90	88	87	86	88	88	87	88	88	87	81	79	78	77	85	79	80	79	83	84	86	82	90	84	85.4	
	MIN	69	75	70	73	71	68	74	74	72	72	74	69	76	75	72	70	70	67	68	66	59	59	68	65	64	65	63	69	69	71	70	69.3	
UPPER SOUTHERN 04																																		
ANNAPOLIS POLICE BRKS	MAX	87	88	88	89	88	90	91	91	90	89	89	87	87	85	89	90	91	88	80	81	81	84	82	82	81	83	83	83	83	87	87	86.3	
	MIN	69	75	72	70	74	67	67	67	67	66	66	66	75	74	73	68	72	69	69	65	60	61	70	61	62	61	63	69	72	70	70	68.1	
BALTIMORE WSO AP	MAX	87	89	88	87	85	88	89	89	89	82	84	86	82	84	86	88	86	81	77	76	76	83	79	79	80	83	84	84	82	88	85	84.1	
	MIN	67	72	70	69	69	66	72	72	70	72	72	72	73	72	70	66	66	65	65	60	51	56	65	59	57	56	57	63	70	66	62	65.9	
BELTSVILLE	MAX	83	87	90	89	90	86	90	90	90	89	84	84	85	83	84	87	90	88	85	81	78	80	85	82	81	82	85	85	85	82	90	85.5	
	MIN	68	72	71	69	72	65	70	69	70	71	72	70	71	72	70	64	69	62	66	59	50	52	63	55	55	53	54	63	69	64	66	65.0	
COLLEGE PARK	MAX	85	89	92	89	89	87	92	92	91	92	86	85	85	84	86	88	90	88	84	83	78	82	86	81	80	82	86	88	88	82	92	86.5	
	MIN	71	74	73	71	74	68	74	73	73	72	72	72	73	73	72	66	72	64	70	62	53	55	70	59	57	56	57	68	73	67	71	67.9	
DALECARLIA RESVR D C	MAX	98	90	89	90	87	90	92	91	91	89	84	85	85	85	88	89	88	85	84	82	80	85	83	81	82	85	86	86	85	90	88	86.9	
	MIN	67	64	70	68	70	63	69	68	72	70	71	71	65	70	65	75	66	63	67	58	51	56	68	56	54	56	70	66	68	66	64	65.4	
	OBS																																	
GLENN DALE BELL STN	MAX	87	90	88	91	90	89	89	90	93	92	85	83	85	83	89	90	89	87	83	78	80	84	82	83	82	85	84	84	86	89	89	86.4	
	MIN	65	71	69	65	68	62	68	67	67	69	61	64	68	68	60	61	62	58	63	58	48	52	68	50	50	50	52	61	68	62	64	61.9	
LAUREL 3 W	MAX	87	89	88	88	86	90	90	89	90	86	84	85	84	86	88	90	91	86	81	78	81	84	81	80	81	85	86	87	84	90	86	85.8	
	MIN	68	72	70	69	70	68	70	71	75	71	71	70	71	72	71	66	65	62	60	65	58	58	58	50	58	58	60	64	69	67	66	66.8	
NATIONAL ARBORETUM D C	MAX	82	89	90	90	89	87	90	91	92	91	83	86	85	83	84	88	89	87	85	83	79	80	85	82	81	82	84	87	86	82	90	85.9	
	MIN	64	70	71	68	70	65	68	66	69	70	72	70	70	71	71	65	63	63	66	60	50	53	57	58	54	55	55	57	67	66	69	64.3	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES (°F)

MARYLAND AND
DELAWARE
AUGUST 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			
UPPER MARLBORO 3 NNW	MAX	82	87	90	87	90	86	90	90	90	90	85	86	85	84	85	88	89	87	84	80	77	78	83	81	80	80	84	84	85	81	89	85.1	
	MIN	65	69	70	67	68	62	67	68	69	69	69	69	68	69	63	68	62	62	61	50	53	60	57	53	53	55	60	68	70	67	63.9		
NORTHERN EASTERN SHORE 05																																		
CENTREVILLE	MAX	86	87	89	90	91	89	89	90	90	87	89	88	88	86	89	88	89	87	82	89	80	89	79	80	83	83	85	86	82	90	89	86.7	
	OBS										***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***		
	MIN	59	62	64	67	63	66	68	67	66	68	67	67	76	67	70	65	69	70	63	59	49	52	57	51	57	52	54	64	69	69	70	63.5	
CHESTERTOWN	MAX	87	88	88	89	85	89	89	90	90	83	86	89	87	88	88	89	87	83	76	79	80	83	80	80	82	83	85	85	82	89	86	85.3	
	MIN	69	74	73	71	72	68	73	70	71	72	72	72	74	72	72	69	70	65	67	60	53	57	70	62	58	59	60	67	71	71	72	67.9	
NORTHERN CENTRAL 06																																		
ABERDEEN PHILLIPS FLD	MAX	87	87	86			89	89	90	90	86			86	87	87	89	89				78	78	83	83			83	83	87	87	85.8		
	MIN	69	70	70			63	70	67	70	73			70	71	70	66	67				63	51	50	68			57	60	70	69	69	66.0	
BALTIMORE WSO CI	MAX	88	89	90	88	88	93	93	94	89	84	84	88	85	86	88	92	90	86	78	78	81	85	83	81	82	86	84	86	89	86	86.4		
	MIN	70	73	70	70	73	70	76	74	76	74	71	72	74	74	73	72	74	68	66	62	56	63	67	63	62	62	64	67	71	69	70	69.2	
BENSON POLICE BARRACKS	MAX	86	88	89	89	89	89	90	92	91	89	85	88	88	86	88	92	90	88	81	79	80	83	82	82	83	85	85	84	83	86	86.4		
	MIN	66	70	71	69	69	67	71	70	69	71	68	70	71	69	69	67	68	61	63	58	51	52	64	58	56	53	54	60	68	64	66	64.6	
BOYDS 2 NW	MAX	87	90	86	85	85	88	90	90	89	86	78	82	83	83	84	86	83	81	82	77	77	83	78	76	78	82	83	84	82	88	83.6		
	MIN	65	71	70	68	70	64	70	70	69	69	69	70	70	71	70	67	67	62	66	58	51	56	61	58	56	55	58	63	67	67	66	65.0	
CATOCTIN MOUNTAIN PARK	MAX	80	79	79	79	77	79	81	82	82	76	73	73	74	75	77	80	79	75	73	71	72	77	74	70	72	73	75	78	78	80	73	76.3	
	MIN	66	70	67	66	67	65	69	67	70	68	66	68	68	69	68	63	65	66	63	55	51	59	60	56	55	59	60	64	65	66	63	64.0	
CLARKSVILLE 3 NNE	MAX	89	89	87	87	87	90	90	91	88	87	83	85	84	85	85	88	88	84	80	76	79	85	83	80	80	85	85	85	89	86	90	89	85.5
	MIN	62	71	70	68	70	63	70	68	69	71	71	71	73	73	70	61	64	59	66	59	46	50	66	56	50	50	51	59	70	65	60	63.6	
CONOWINGO DAM	MAX	85	87	87	89	84	89	84	90	85	82	83	86	86	85	85	90	87	87	79	77	87	82	81	78	80	84	82	85	82	93	84	84.7	
	MIN	69	72	72	72	70	66	70	68	76	73	70	72	72	72	72	65	67	64	64	58	53	54	66	60	58	62	57	64	70	69	68	66.6	
DAMASCUS 2 SW	MAX	89	88	86	86	83	87	87	89	88	83	79	82	81	85	84	87	83	80	81	76	78	83	79	77	78	80	83	85	83	89	82	83.3	
	MIN	66	71	69	67	69	64	69	66	69	67	69	70	71	71	68	64	66	61	65	57	49	57	61	56	57	54	57	62	68	68	64	64.3	
EMMITSBURG 2 SE	MAX	87	87	85	85	90	90	91	88	88	88	81	80	82	82	85	87	85	84	79	76	76	82	81	81	78	80	81	82	83	86	86	83.7	
	MIN	64	69	68	68	68	63	68	68	69	69	67	68	69	70	66	60	63	60	63	55	46	52	61	54	52	50	50	57	65	65	64	62.3	
FREDRICK POLICE BRKS	MAX	89	90	89	88	87	89	91	90	90	89	80	81	80	84	87	88	89	84	84	84	79	84	83	83	80	83	85	86	85	90	89	85.8	
	MIN	67	74	71	70	72	66	73	73	72	71	71	72	72	71	71	67	72	64	67	60	53	57	62	61	56	54	56	64	68	69	70	66.6	
PARKTON 2 SW	MAX	87	86	85	85	82	87	87	87	86	80	80	84	80	84	84	86	84	78	77	74	75	82	80	76	79	81	82	82	84	87	82	82.4	
	MIN	64	69	66	66	64	63	67	66	67	69	68	69	70	69	65	61	63	58	61	51	46	51	61	52	53	51	52	59	67	64	59	61.6	
ROCKVILLE 1 NE	MAX	88	90	90	90	88	88	90	90	90	84	84	86	83	85	88	89	86	84	82	79	81	85	82	78	81	83	87	87	82	90	82	85.5	
	MIN	71	74	73	72	70	68	74	74	75	74	74	74	74	75	72	70	70	66	67	61	54	58	67	61	59	56	56	69	73	71	70	68.5	
TOWSON	MAX	87	87	87	88	87	89	89	90	88	86	84	94	84	85	88	89	88	84	81	76	79	84	82	80	79	83	84	83	83	87	84	85.1	
	OBS				112																													
	MIN	79	79	80	84	69	73	75	84	82	76	69	70	79	80	81	68	80	63	65	70	53	71	72	59	57	57	59	76	63	65	70.7		
	OBS		63																															
UNIONVILLE	MAX	87	87	87	85	83	87	88	88	89	90	80	83	83	83	84	87	87	87	82	79	79	83	80	76	78	81	83	84	84	88	83	84.0	
	MIN	62	62	63	65	67	59	65	62	67	65	68	68	67	64	63	59	61	60	57	56	45	51	62	52	50	48	50	59	67	64	62	60.3	
WESTMINSTER POLICE BRK	MAX	88	86	85	85	84	88	87	87	89	89	80	81	84	86	84	86	86	83	79	77	75	87	83	81	78	82	83	84	82	89	88	84.1	
	MIN	67	66	75	67	68	66	71	69	70	69	69	69	70	70	65	63	64	62	65	56	49	56	61	57	55	56	57	62	68	66	67	64.4	
WOODSTOCK	MAX	88	89	88	87	85	89	90	90	89	85	82	84	83	85	86	89	87	82	80	78	78	85	82	80	82	84	83	85	85	90	85	85.0	
	MIN	65	71	70	68	70	65	70	69	69	72	71	70	71	71	70	63	66	61	65	59	50	53	65	58	54	54	53	62	69	65	65	64.6	
APPALACHIAN MOUNTAIN 07																																		
CUMBERLAND 2	MAX	88	88	90	87	87	90	89	89	94	88	75	82	79	84	88	89	88	88	86	81	82	89	85	79	81	83	86	89	87	88	81	85.8	
	MIN	66	70	70	67	64	64	69	70	69	69	68	68	71	65	59	59	62	63	58	50	50	58	56	53	52	55	55	61	66	64	53	62.1	
FROSTBURG 2	MAX	82	80	83	81	77	79	83	82	84	86	82	68	72	72	78	79	81	79	79	77	72	74	82	74	70	73	77	81	83	81	84	78.5	
	MIN	49	59	63	61	62	63	59	66	66	65	63	62	65	67	61	58	55	59	56	55	40	45	52	52	49	46	44	40	48	59	60	56.7	
	OBS																																	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES (°F)

MARYLAND AND
DELAWARE
AUGUST 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		
HAGERSTOWN	MAX 90	85	85	83	85	89	89	91	90	86	83	80	84	85	86	89	85	83	83	78	79	84	82	80	80	82	84	85	85	89	81	84.5	
	MIN 67	71	69	68	68	64	68	64	71	69	68	69	68	70	66	62	66	61	66	58	50	58	60	57	55	54	55	63	65	66	65	63.9	
HANCOCK FRUIT LAB	MAX 87	88	88	83	85	88	87	89	90	83	83	80	83	82	85	87	84	84	81	78	78	85	85	77	78	79	82	84	85	88	88	84.0	
	MIN 64	67	70	67	66	63	65	64	66	67	70	69	69	70	65	59	62	59	65	55	46	58	64	54	51	50	52	59	66	65	59	62.1	
ALLEGHENY PLATEAU 08																																	
MC HENRY 2 NW	MAX 82	82	84	79	79	79	80	78	80	85	80	80	79	79	76	78	78	77	79	73	71	79	80	72	70	73	80	80	80	81	80	78.5	
	MIN 58	61	61	63	60	60	59	65	60	65	65	63	62	65	59	58	56	60	60	54	50	50	55	52	50	51	52	55	56	56	58	58.2	
OAKLAND 1 SE	MAX 82	84	83	78	80	80	80	83	86	82	74	75	75	78	80	80	80	80	77	76	79	82	81	71	74	80	79	83	80	82	78	79.4	
	MIN 57	65	64	61	61	59	63	66	65	62	64	64	64	66	58	56	57	57	58	52	42	50	57	52	46	45	47	53	59	57	57	57.5	
SAVAGE RIVER DAM	MAX 81	84	85	83	79	80	84	85	85	89	85	71	75	77	80	79	86	79	78	80	83	77	85	76	74	79	78	86	87	84	86	81.3	
	MIN 54	60	66	65	63	62	65	68	66	66	67	66	67	68	60	60	58	60	59	56	44	44	53	52	47	47	47	50	56	54	60	58.4	
DELAWARE																																	
NORTHERN 01																																	
MIDDLETOWN 1 WSW	MAX 87	89	89	89	85	88	87	89	90	86	86	85	85	88	88	89	88	86	80	78	79	83	83	79	80	83	85	85	84	89	88	85.5	
	MIN 64	71	70	69	69	64	70	66	66	70	69	69	72	69	70	64	64	61	60	59	50	52	65	54	55	53	54	64	60	64	68	63.7	
NEWARK UNIVERSITY FARM	MAX 88	88	86	89	85	89	88	90	90	85	86	84	89	89	86	89	86	83	78	77	79	84	80	79	81	83	84	86	85	88	84	85.1	
	MIN 66	73	71	72	70	66	72	69	69	71	70	70	70	69	72	67	65	66	60	59	51	53	62	59	59	57	55	61	68	67	69	65.4	
WILMINGTON WSO AP	MAX 88	88	88	92	87	90	88	92	87	84	84	85	84	85	86	87	84	78	76	76	75	81	77	79	80	81	84	85	84	89	84	84.1	
	MIN 69	75	73	73	70	69	72	70	75	74	72	74	72	69	68	66	65	61	60	55	51	55	65	57	57	57	70	72	72	63	66.3		
WILMINGTON PORTER RESVR	MAX 88	89	85	89	83	87	87	90	88	82	82	84	89	88	86	89	85	80	78	75	70	82	80	78	80	82	82	82	80	85	82	83.5	
	MIN 69	73	73	73	70	69	72	71	71	70	70	69	73	70	72	69	69	63	62	61	55	58	68	62	61	62	60	67	70	69	66	67.3	
SOUTHERN 02																																	
BRIDGEVILLE 1 NW	MAX 87	90	88	89	87	88	88	91	88	85	84	88	86	88	89	89	88	84	80	81	80	84	81	80	83	85	84	85	83	90	87	85.8	
	MIN 62	70	69	67	68	63	70	67	65	66	67	70	70	66	70	63	63	61	62	60	52	52	63	60	54	51	53	61	64	65	66	63.2	
DOVER	MAX																																M
	MIN																																M
GEORGETOWN 5 SW	MAX 82	87	90	88	88	85	88	88	90	87	85	83	88	83	87	88	88	87	84	78	79	81	83	83	79	79	83	84	85	83	90	84.9	
	MIN 62	73	71	69	71	65	65	66	67	67	66	70	73	67	69	61	64	61	63	63	52	50	63	59	57	52	53	63	68	66	68	64.0	
LEWES	MAX 75	76	76	76		85	94	92	90	86	84	88	85	89	89	90	89	87	81	80	82	84	86	80	80	84	81	87	87	92	92	84.9	
	MIN 64	71	70	71	71	68	74	72	68	70	70	73	73	72	72	67	70	66	64	67	68	55	68	67	67	57	57	66	70	69	72	68.0	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

EVAPORATION AND WIND

MARYLAND AND
DELAWARE
AUGUST 1984

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	20	18	8	9	7	15	16	25	10	18	25	21	16	23	11	15	8	14	15	19	25	14	48	8	20	22	12	25	35	21	31	574	
	EVAP	19	16	14	16	17	22	22	15	21	16	17	15	13	8	9	28	21	30	15	14	23	22	23	11	25	18	21	19	18	13	22	5.63	
	MAX	92	93	97	94	97	93	98	90	98	93	92	91	93	87	90	97	98	97	97	96	90	91	92	86	89	90	90	92	86	95	92.7		
	MIN	67	73	75	74	75	70	71	72	73	74	74	73	74	74	75	70	70	70	68	64	58	59	62	63	61	60	61	62	68	70	70	68.7	
UPPER MARLBORO 3 NNW	WIND	3	2	1	1	2	3	0	3	0	2	1	3	1	5	1	6	2	3	0	2	18	7	12	7	19	11	2	4	5	4	2	132	
	EVAP	16	16	15	13	11	32	18	18	19	16	14	24	14	13	13	26	19	25	16	11	20	19	21	11	22	17	15	16	14	10	16	5.30	
	MAX	90	94	96	92	97	93	96	92	97	96	90	95	91	90	90	94	95	95	91	86	85	88	89	83	89	86	86	88	89	83	93	90.9	
	MIN	70	72	77	75	75	72	72	75	75	77	76	75	75	77	77	73	73	71	71	66	60	60	63	66	63	62	64	64	70	70	71	70.5	
ALLEGHENY PLATEAU 08																																		
SAVAGE RIVER DAM	WIND	20	12	10	22	20	22	27	35	15	22	11	8	9	6	24	32	35	27	15	31	28	23	18	31	35	24	22	14	10	14	25	647	
	EVAP	21	11	6	14	17	3	18	18	12	36	-	20	26	-	6	11	27	27	11	6	24	6	17	18	18	23	11	3	20	21	12	4.95B	
	MAX	87	83	85	89	73	81	85	85	85	91	82	71	73	74	80	87	86	86	81	81	88	85	84	78	78	86	82	86	87	85	83	82.8	
	MIN	60	65	67	68	67	67	67	68	70	70	69	66	67	68	65	64	63	65	65	62	54	53	60	59	54	54	55	58	62	66	63	63.3	
DELAWARE																																		
NORTHERN 01																																		
NEWARK UNIVERSITY FARM	WIND	-	-	-	-	-	-	-	-	-	4	*	35	38	8	23	17	14	13	11	27	17	13	17	33	22	11	10	10	11	11	29	M	
	EVAP	21	11	11	19	21	16	9	13	19	24	5	16	33	18	24	27	26	4	-	26	21	20	7	25	16	20	15	14	15	7	24	5.44B	
	MAX	95	91	90	-	96	93	94	96	97	94	87	87	89	91	90	92	91	-	85	86	91	90	86	85	86	92	86	88	87	91	89	90.2	
	MIN	72	76	74	-	74	70	72	75	74	73	71	72	72	73	74	69	70	-	65	63	57	60	67	60	61	61	60	64	69	68	69	68.4	
SOUTHERN 02																																		
GEORGETOWN 5 SW	WIND	29	52	43	36	29	52	47	57	32	29	25	42	37	39	28	45	36	42	36	40	61	24	83	56	49	51	24	54	11	68	78	1435	
	EVAP	17	19	-	5	11	22	23	23	29	25	23	9	18	15	14	19	23	24	26	29	10	24	22	26	19	24	19	14	19	21	19	26	6.74B
	MAX	91	92	00	97	97	94	97	97	01	97	90	89	96	90	95	95	96	94	91	83	88	91	90	89	88	86	88	90	89	88	94	92.4	
	MIN	68	70	76	85	74	73	73	75	74	74	70	75	77	74	74	70	71	71	70	70	61	62	64	66	62	62	64	64	73	70	72	70.5	

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

STATION INDEX

MARYLAND AND
DELAWARE
AUGUST 1984

STATION	INDEX NO.	DIVISION	COUNTY	LATITUDE	LONGITUDE	ELEVATION (IN FEET)	OBSERVATION TIME AND TABLES				OBSERVER	
							LOCAL STD TIME					
							TEMP	PRECIP	EVAP	SPECIAL (SEE NOTES)		
MARYLAND												
ABERDEEN PHILLIPS FLD	0019506		HARFORD	39 28	76 10W	57	16	16	C	H	ROSS AVIATION INC	
ANNAPOLIS POLICE BRKS	0193004		ANNE ARUNDEL	38 59	76 30W	25	17	17	H	H	ANNAPOLIS POLICE BRKS	
ASSATEAGUE STATE PARK	0335001		WORCESTER	38 14	75 8W	7	17	17	H	H	ASSATEAGUE STATE PARK	
BALTIMORE WSO AP	R0469004		ANNE ARUNDEL	39 11	76 40W	196	MID	MID	C	C	NATL WEATHER SERVICE	
BALTIMORE WSO CI	R0470006		BALTO CITY	39 17	76 37W	91	MID	MID	C	C	OCMI COMMANDING OFFICER	
BELTSVILLE	0700004		PRN GEORGES	39 2	76 53W	120	8	8	8	C	U S DEPT OF AGRICULTURE	
BOYDSON POLICE BARRACKS	0733006		HARFORD	39 30	76 23W	365	17	17			MARYLAND STATE POLICE	
BOYDS 2 NH	1032006		MONTGOMERY	39 13	77 20W	580	18	18			HUNTER F STALEY	
BRIGHTON DAM	1125006		MONTGOMERY	39 12	77 1W	330		MID			WASH SUB SANY COMM	
CAMBRIDGE WTR TRMT PL	1385002		DORCHESTER	38 34	76 4W	5	16	16			WASTEWATER TRTMT PLANT	
CATOCTIN MOUNTAIN PARK	1530005		FREDERICK	39 39	77 29W	1610	17	17	C	H	CATOCTIN MOUNTAIN PARK	
CENTREVILLE	1622006		QUEEN ANNES	39 3	76 4W	60	17	17	C	H	MICHAEL B CATE	
CHESTERTOWN	1750005		KENT	39 13	76 4W	40	23	23	H	H	THOMAS W ELIASON JR	
CLARKSVILLE 3 NNE	1862006		HOWARD	39 15	76 56W	365	17	17			UNIVERSITY OF MARYLAND	
COLLEGE PARK	1995004		PRN GEORGES	38 59	76 57W	90	9	9	C	H	UNIVERSITY OF MARYLAND	
CONOWINGO DAM	2060006		HARFORD	39 39	76 10W	40	MID	MID	C	H	SUSQUEHANNA ELECTRIC CO	
CRISFIELD SOMERS COVE	2215001		SOMERSET	37 59	75 52W	8	17	17			INACTIVE 03/31/83	
CUMBERLAND 2	2282007		ALLEGANY	39 38	78 45W	730	18	7			TIMOTHY B THOMAS	
DALECARLIA RESVR D C	2325004			38 56	77 7W	146	17	17			U S CORPS OF ENGINEERS	
DAMASCUS 2 SW	2335006		MONTGOMERY	39 16	77 14W	720	19	19	H	H	RICHARD W SCHWERDT	
DENTON 2 E	2523002		CAROLINE	38 53	75 48W	50	17	17	H	H	ARTHUR REINHOLD	
EDGEMONT	2770007		WASHINGTON	39 40	77 33W	905		7			JOHN W HARNE	
EMMITSBURG 2 SE	2906006		FREDERICK	39 41	77 18W	416	17	17	H	H	MRS LUCILLE K BEALE	
FREDRICK POLICE BRKS	3348006		FREDERICK	39 25	77 26W	380	17	17	H	H	MARYLAND STATE POLICE	
FREDERICK 3 E	3955006		FREDERICK	39 24	77 22W	385		7			MISS I MARY STALEY	
FROSTBURG 2	3415007		ALLEGANY	39 40	78 56W	-2-1-70	7	7			LEE K CLOSE	
GLENN DALE BELL STN	3675004		PRN GEORGES	38 58	76 48W	150	16	16	H	H	USDA PLT INTRODUCT STN	
HAGERSTOWN	3975007		WASHINGTON	39 39	77 44W	660	18	18			HAGERSTOWN RESERVOIR	
HANCOCK FRUIT LAB	4030007		WASHINGTON	39 42	78 11W	428	16	16	C	H	SHARPSBURG RESEARCH C	
LA PLATA 1 W	5080003		CHARLES	38 32	77 0W	140	18	18	H	H	C RUSSELL LEVERING	
LAUREL 3 W	5111004		PRN GEORGES	39 6	76 54W	400	MID	MID	C	H	WASH SUB SANY COMM	
MC HENRY 2 NW	5832008		GARRETT	39 35	79 22W	2680	8	8	C	H	JOSEPH F JOHENNING	
MECHANICSVILLE 1 SE	5865003		ST MARYS	38 26	76 43W	160	17	17			MRS EDITH R BENNETT	
MERRILL	5894008		GARRETT	39 36	79 5W	1790		9			DELWOOD E MERRILL	
MILLINGTON 2 MNH	5985005		KENT	39 16	75 52W	30	17	17	H	H	INACTIVE 06/25/84	
NATIONAL ARBORETUM D C	6350004			38 54	76 59W	50	8	8	H	H	U S NATL ARBORETUM	
OAKLAND 1 SE	6620008		GARRETT	39 24	79 24W	2420	17	17	H	H	BEA J CROSCO	
OWINGS FERRY LANDING	6770003		CALVERT	38 41	76 40W	160	17	17	H	H	JAMES E BOURNE JR	
PARKTON 2 SW	6844006		BALTIMORE	39 38	76 42W	600	23	23	C	H	JOHN R FOX	
PATUXENT RIVER	6915003		ST MARYS	38 20	76 25W	38	MID	MID	C	H	NAVAL WEATHER SERVICE	
POTOMAC FILTER PLANT	7272006		MONTGOMERY	39 2	77 15W	270		8			POTOMAC WATER FILT PLT	
PRINCESS ANNE	7330001		SOMERSET	38 13	75 41W	20	17	17	H	H	UNIVERSITY MARYLAND EAST	
ROCKVILLE 1 NE	7705006		MONTGOMERY	39 6	77 6W	440	17	17	H	H	WASH GAS & LIGHT CO	
ROYAL OAK 2 SSW	7806002		TALBOT	38 43	76 11W	10	18	18	H	H	JOHN L SWAINE JR	
SALISBURY	8000001		WICOMICO	38 22	75 35W	10	17	17			CITY OF SALISBURY	
SALISBURY FAA AP	8005001		WICOMICO	38 20	75 31W	48	MID	MID	H	H	FAA	
SAVAGE RIVER DAM	8065008		GARRETT	39 31	79 8W	1495	8	8	8	C	H	U S CORPS OF ENGINEERS
SNOW HILL 4 N	8380001		WORCESTER	38 14	75 23W	28	18	18	H	H	CURTIS E SHOCKLEY	
TOWSON	8877006		BALTIMORE	39 23	76 34W	390	18	18	C	H	BENDIX FRIEZ	
UNIONVILLE	9030006		FREDERICK	39 27	77 11W	430	18	18	C	H	GEORGE P VON EIFF JR	
UPPER MARLBORO 3 NNH	9070004		PRN GEORGES	38 52	76 47W	98	8	8	8	H	TOBACCO EXP FARM	
VIENNA	9140002		DORCHESTER	38 29	75 50W	12	18	18			DELMARVA POWER & LIGHT	
WESTMINSTER POLICE BRK	9440006		CARROLL	39 33	76 58W	765	17	17	H	H	MARYLAND STATE POLICE	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

MARYLAND AND
DELAWARE
AUGUST 1984

STATION	INDEX NO.	DIVISION	COUNTY	LATITUDE	LONGITUDE	ELEVATION (IN FEET)	OBSERVATION TIME AND TABLES				OBSERVER
							LOCAL STD TIME				
							TEMP	PRECIP	EVAP	SPECIAL (SEE NOTES)	
WOODSTOCK	9750	06	BALTIMORE	39 20	76 52W	460	18	18		H	JOHN A HILTZ
DELAWARE											
BRIDGEVILLE 1 NH	1330	02	SUSSEX	38 45	75 37W	50	17	17		H	WILLIAM M RAY
DOVER	2730	02	KENT	39 9	75 31W	30	17	17		H	STATE DIV OF HIGHWAYS
GEORGETOWN 5 SW	3570	02	SUSSEX	38 38	75 27W	45	8	8	8C	H	UNIV OF DEL SUBSTATION
LEWES	5320	02	SUSSEX	38 46	75 8W	15	17	17		H	BOARD OF PUBLIC WORKS
MIDDLETOWN 1 WSW	5852	01	NEW CASTLE	39 26	75 45W	60	16	16		H	PIONEER HIBRED CORN CO
MILFORD 2 WSW	5915	02	SUSSEX	38 54	75 28W	30	17	17		H	INACTIVE 04/30, 84
NEWARK UNIVERSITY FARM	6410	01	NEW CASTLE	39 40	75 44W	90	17	17	17C	H	UNIV OF DELAWARE
WILMINGTON WSO AP	R 9595	01	NEW CASTLE	39 40	75 36W	79	MID	MID		C H J	NATL WEATHER SERVICE
WILMINGTON PORTER RESVR	9605	01	NEW CASTLE	39 46	75 32W	274	MID	MID		H	WATER DEPARTMENT

SEE REFERENCE NOTES FOLLOWING STATION INDEX

REFERENCE NOTES

MARYLAND AND
DELAWARE
AUGUST 1984

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 equivalent totals, i.e. total of liquid and melted frozen precipitation. In the "MONTHLY SUMMARIZED DATA" table the total snow and sleet values shown in 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.

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.

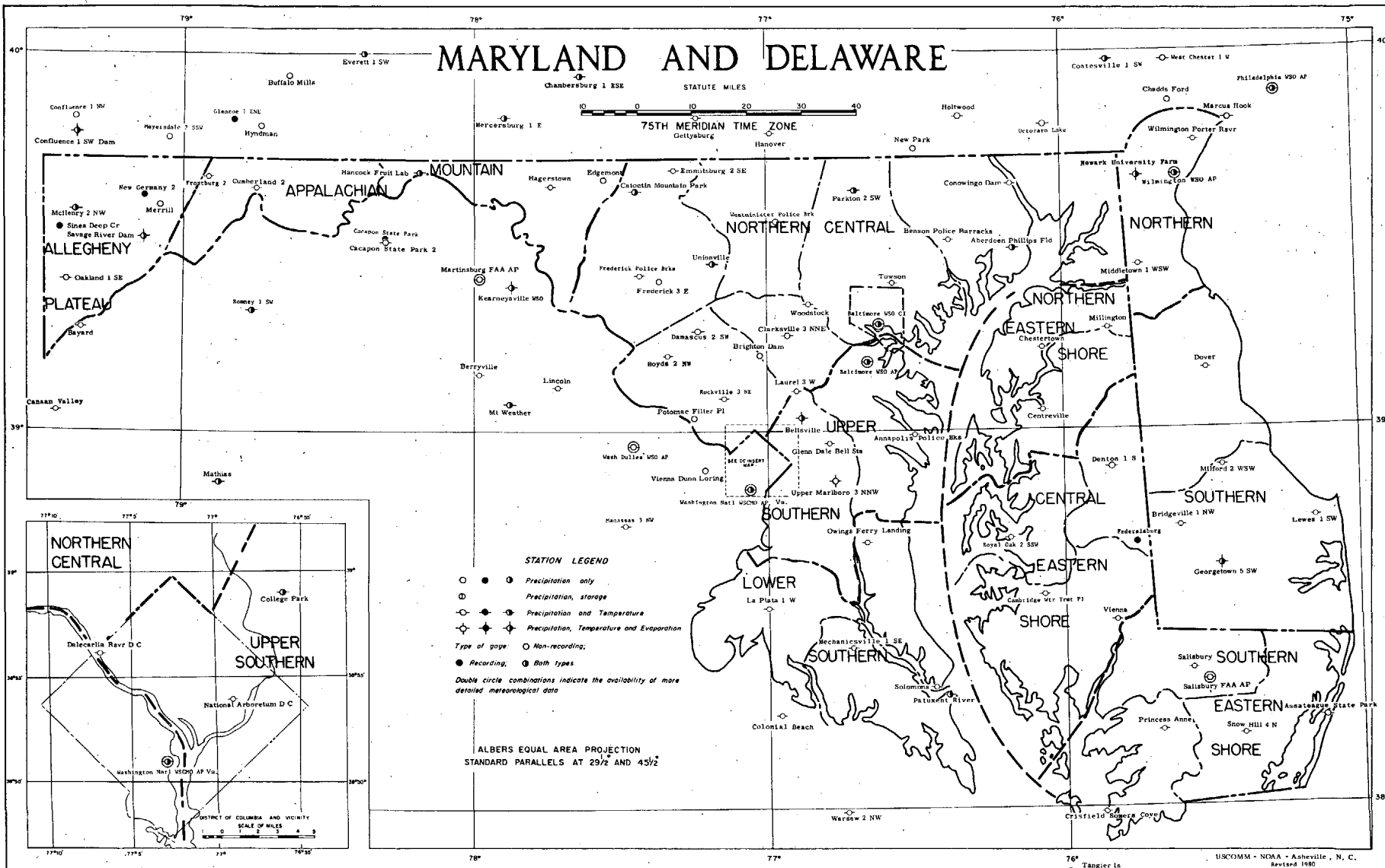
Seasonal Tables: Monthly and seasonal snowfall and heating degree days for the 12 months ending with the June data will be carried in the July issue of this bulletin. Cooling degree days for the calendar year will be published in the "Climatological Data Annual Summary".

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. AUGUST 1984-0895

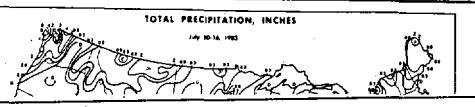
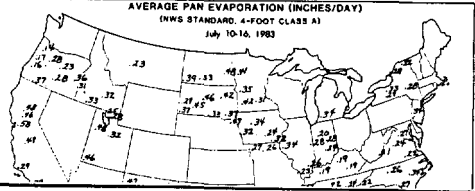
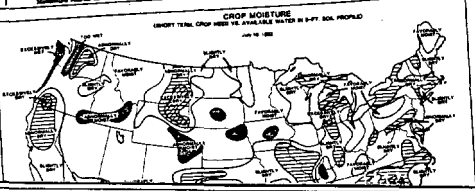
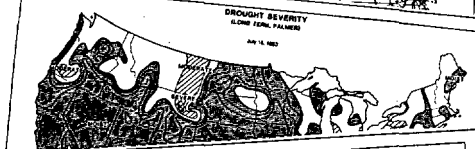
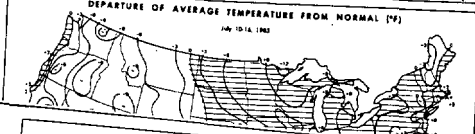
MARYLAND AND DELAWARE



SUBSCRIBE TO THE

Weather Data for the Week Ending July 16, 1983

STATE AND DISTRICT	TEMPERATURE °F		PRECIPITATION		RELATIVE HUMIDITY		WINDS OF HOURS	
	MAX	MIN	TOTAL	NO. OF DAYS	PERCENT	PERCENT	MAX	DIR
ALABAMA	92	68	0.00	0	75	75	15	S
ALASKA	65	45	0.00	0	65	65	10	N
ARIZONA	105	75	0.00	0	45	45	20	E
ARKANSAS	90	65	0.00	0	65	65	15	S
CALIFORNIA	85	55	0.00	0	55	55	10	N
COLORADO	85	55	0.00	0	45	45	15	E
CONNECTICUT	80	60	0.00	0	75	75	10	S
DELAWARE	80	60	0.00	0	75	75	10	S
FLORIDA	90	70	0.00	0	75	75	10	S
GEORGIA	90	70	0.00	0	75	75	10	S
ILLINOIS	85	65	0.00	0	65	65	15	S
INDIANA	85	65	0.00	0	65	65	15	S
IOWA	85	65	0.00	0	65	65	15	S
KANSAS	85	65	0.00	0	45	45	15	E
KENTUCKY	85	65	0.00	0	65	65	15	S
Louisiana	90	70	0.00	0	75	75	10	S
MAINE	75	55	0.00	0	75	75	10	S
MARYLAND	80	60	0.00	0	75	75	10	S
MASSACHUSETTS	80	60	0.00	0	75	75	10	S
MICHIGAN	85	65	0.00	0	65	65	15	S
MINNESOTA	85	65	0.00	0	65	65	15	S
MISSISSIPPI	90	70	0.00	0	75	75	10	S
MISSOURI	85	65	0.00	0	65	65	15	S
MONTANA	85	65	0.00	0	45	45	15	E
NEBRASKA	85	65	0.00	0	45	45	15	E
NEVADA	105	75	0.00	0	45	45	20	E
NEW HAMPSHIRE	75	55	0.00	0	75	75	10	S
NEW JERSEY	80	60	0.00	0	75	75	10	S
NEW MEXICO	95	65	0.00	0	45	45	20	E
NEW YORK	80	60	0.00	0	75	75	10	S
NORTH CAROLINA	85	65	0.00	0	75	75	10	S
NORTH DAKOTA	85	65	0.00	0	45	45	15	E
OHIO	85	65	0.00	0	65	65	15	S
OKLAHOMA	90	70	0.00	0	45	45	15	E
OREGON	85	65	0.00	0	55	55	10	N
PENNSYLVANIA	80	60	0.00	0	75	75	10	S
RHODE ISLAND	80	60	0.00	0	75	75	10	S
SOUTH CAROLINA	90	70	0.00	0	75	75	10	S
SOUTH DAKOTA	85	65	0.00	0	45	45	15	E
TENNESSEE	85	65	0.00	0	65	65	15	S
TEXAS	95	75	0.00	0	45	45	20	E
UTAH	95	75	0.00	0	45	45	20	E
VIRGINIA	80	60	0.00	0	75	75	10	S
WASHINGTON	80	60	0.00	0	75	75	10	S
WEST VIRGINIA	80	60	0.00	0	75	75	10	S
WISCONSIN	85	65	0.00	0	65	65	15	S
WYOMING	85	65	0.00	0	45	45	15	E



WEEKLY WEATHER AND CROP BULLETIN

U.S. DEPARTMENT OF COMMERCE National Oceanic and Atmospheric Administration National Weather Service
U.S. DEPARTMENT OF AGRICULTURE Statistical Reporting Service and World Agricultural Outlook Board

Volume 70, No. 29 WASHINGTON, D.C. July 19, 1983

National Weather Summary July 10-16

WEATHER HIGHLIGHTS
July 10-16, 1983

northwest into Washington. A few light showers fell from southwestern New Mexico to central Nebraska, in southern New England, and along the Washington coast.

TUESDAY...After early morning cool weather over the northern Plains and Rockies, and over much of the Northeast, hot weather dominated much of the northern High Plains, the Southwest, and much of the East. There were a few very light showers from the slopes of the Appalachians, and in the northeast. A disturbance in northeastern Mexico triggered showers and thunderstorms in southeastern Texas.

WEDNESDAY...It was another cool morning in much of the Rockies, the Northwest, and in the Great Lakes area. However, usually hot weather dominated the northern Plains and East of the Southwest. Showers from the east coast and fewer showers reached into southern Texas and Oklahoma. Light showers touched the Florida, Delaware, and Georgia. Some moderate showers and thunderstorms began in the Northwest.

THURSDAY...Heavy rain continued in southeastern Texas, while lighter showers and thunderstorms spread through the Midwest, into Illinois, and widely scattered showers through the Northeast. In the Southeast, heavy showers and thunderstorms were generally confined to the Florida, Delaware, and Georgia. Light showers touched the Florida, Delaware, and Georgia. Some moderate showers and thunderstorms began in the Northwest.

FRIDAY...Heavy rain continued in southeastern Texas, while lighter showers and thunderstorms spread through the Midwest, into Illinois, and widely scattered showers through the Northeast. In the Southeast, heavy showers and thunderstorms were generally confined to the Florida, Delaware, and Georgia. Light showers touched the Florida, Delaware, and Georgia. Some moderate showers and thunderstorms began in the Northwest.

SATURDAY...Heavy rain continued in southeastern Texas, while lighter showers and thunderstorms spread through the Midwest, into Illinois, and widely scattered showers through the Northeast. In the Southeast, heavy showers and thunderstorms were generally confined to the Florida, Delaware, and Georgia. Light showers touched the Florida, Delaware, and Georgia. Some moderate showers and thunderstorms began in the Northwest.

SUNDAY...A disturbance moving through northern and southern Canada triggered severe weather through most of the State, including heavy rain. The northeast, which has been extremely dry, the Southeast had very little rain. In the Northeast and northwestern part of the Nation temperatures in the central portion reached into the high 80s.

MONDAY...Unusually cool weather continued in the northeast and over the plateau and the Rockies. The cool weather began moving over the northern Plains. The very warm weather pushed northward through the central Mississippi valley and into Michigan. The hot weather was in central California and reached

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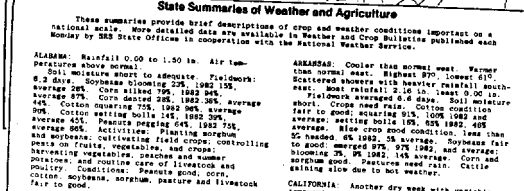
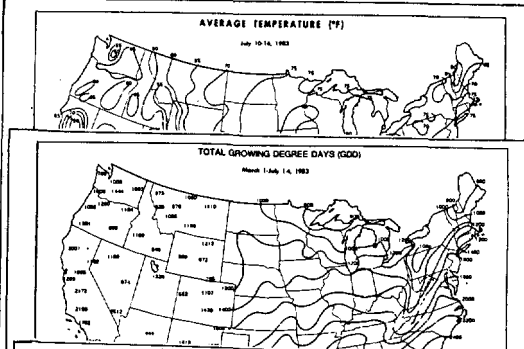
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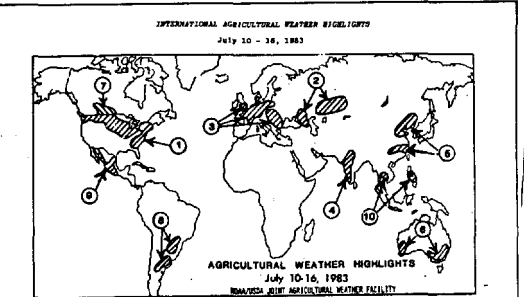
These summaries provide brief descriptions of crop and weather conditions important on a national scale. More detailed data are available in Weather and Crop Bulletins published each Monday by SES State Offices in cooperation with the National Weather Service.

ALABAMA: Rainfall 0.00 to 1.50 in. Air temperature above normal. Soil moisture about adequate. Fieldwork: 2-3 days. Corn silage 75, 1982-83, average 28%. Corn silage 75, 1982-83, average 28%. Cotton picking 75, 1982-83, average 45%. Peanut harvest 75, 1982-83, average 45%. Soybean harvest 75, 1982-83, average 45%. Rice harvest 75, 1982-83, average 45%. Tobacco harvest 75, 1982-83, average 45%. Other crops: 75, 1982-83, average 45%. Conditions: Fair to good.

ALASKA: Clouds and rain across northern on July 10-16, 1983. More detailed data are available in Weather and Crop Bulletins published each Monday by SES State Offices in cooperation with the National Weather Service.

ARIZONA: Cooler than normal west. Very scattered showers with heavier rainfall south. Most rainfall 2.16 in. Less 0.00 in. Soil moisture fair to good. Average 6.6 in. Cotton condition average setting bolts 100, 825 1982, 600 average. Rice crop good condition. 56 headed 6% 1982, 58 average. Soybean fair to good. Harvested 87% 1982, and average 87%. Conditions: Fair to good.

CALIFORNIA: Another dry week with variable temperatures. The Central Coast was 60 above normal and the South Coast was 50 above normal. Temperatures were 50 below normal. Rainfall was 0.00 in. Conditions: Fair to good.



1. UNITED STATES... Hot, dry weather in the Corn Belt and western areas 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 wheat in the heading stage.
3. EUROPE... Crop...

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.

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