

# CLIMATOLOGICAL DATA

## MARYLAND AND DELAWARE

APRIL 1984

VOLUME 88      NUMBER 4



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28801

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**noaa**

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ASHEVILLE NORTH CAROLINA

# TEMPERATURE AND PRECIPITATION EXTREMES

MARYLAND AND  
DELAWARE  
APRIL 1984

MARYLAND  
 HIGHEST TEMPERATURE 87  
 LOWEST TEMPERATURE 19  
 GREATEST TOTAL PRECIPITATION 5.99  
 LEAST TOTAL PRECIPITATION 2.95  
 GREATEST 1 DAY PRECIPITATION 2.07  
 GREATEST TOTAL SNOWFALL 3.0  
 GREATEST DEPTH OF SNOW OR ICE 8

APRIL 30  
 APRIL 8  
 APRIL 5  
 APRIL 1

CUMBERLAND 2  
 OAKLAND 1 SE  
 ASSATEAGUE STATE PARK  
 BALTIMORE WSO AP R  
 DENTON 2 E  
 MC HENRY 2 NW  
 FROSTBURG 2

DELAWARE  
 HIGHEST TEMPERATURE 78  
 LOWEST TEMPERATURE 22  
 GREATEST TOTAL PRECIPITATION 5.20  
 LEAST TOTAL PRECIPITATION 3.99  
 GREATEST 1 DAY PRECIPITATION 2.29

APRIL 26  
 APRIL 1  
 APRIL 5

DOVER  
 MIDDLETOWN 1 WSW  
 WILMGTON PORTER RESVR  
 BRIDGEVILLE 1 NW  
 GEORGETOWN 5 SW

# MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

MARYLAND AND  
DELAWARE  
APRIL 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 MAX	32 OR BELOW MIN	32 OR BELOW MIN	0 OR BELOW MIN				TOTAL	MAX. DEPTH ON GROUND	DATE	.10 OR MORE	.50 OR MORE	1.00 OR MORE
MARYLAND																					
SOUTHERN EASTERN SHORE 01																					
ASSATEAGUE STATE PARK	62.1	43.5	52.8		78 26	31 1	356	0	0	0	1	0	5.99		1.60	16	.0	0	7	5	2
PRINCESS ANNE	64.3	39.9	52.1	-2.7	75 26+	29 1	379	0	0	0	5	0	4.20	.68	1.75	5	.0	0	5	3	2
SALISBURY	63.5	44.0	53.8	-2.0	75 27+	30 1	328	0	0	0	2	0	4.12	.81	1.94	5	.0	0	6	2	1
SALISBURY FAA AP	63.5	43.7	53.6	-1.6	77 26	28 1	334	0	0	0	3	0	5.01	1.85	1.68	4	.0	0	8	3	2
SNOW HILL 4 N	63.4	42.4	52.9	-1.7	76 26	27 1	354	0	0	0	4	0	4.84	1.52	1.45	5	.0	0	7	4	1
--DIVISIONAL DATA-->																					
CENTRAL EASTERN SHORE 02																					
CAMBRIDGE WTR TRMT PL	63.2	44.4	53.8	-1.1	79 27	32 10+	330	1	0	0	2	0	4.42	1.12	1.31	5	.0	0	6	4	2
DENTON 2 E	62.7	40.9	51.8	-3.1	77 26	27 10+	390	0	0	0	4	0	4.49	1.17	2.07	5	.0	0	6	4	1
ROYAL OAK 2 SSW	62.5	45.0	53.8	-2.0	78 27	30 1	329	0	0	0	1	0	4.40	.99	1.70	5	.0	0	6	3	1
VIENNA	65.2	44.6	54.9	-1.7	78 26	30 1	295	0	0	0	3	0	4.38	1.04	1.53	5	.0	0	6	5	1
--DIVISIONAL DATA-->																					
LOWER SOUTHERN 03																					
LA PLATA 1 W	64.9	42.1	53.5	-2.0	81 27+	26 2	338	1	0	0	3	0	4.20	1.03	.78	23	T	T	9	3	0
MECHANICSVILLE 1 SE	M	M	M														M	M			
OWINGS FERRY LANDING	M	M	M														M	M			
PATUXENT RIVER	62.1	45.8	54.0		76 26	35 10+	325	1	0	0	0	0	4.76		1.17	4	T	T	8	6	1
--DIVISIONAL DATA-->																					
UPPER SOUTHERN 04																					
ANNAPOLIS POLICE BRKS	63.1	43.7	53.4		77 27	30 1	341	0	0	0	1	0	4.22		1.50	5	.0	0	8	4	1
BALTIMORE WSO AP	R 60.8	42.2	51.5	-2.5	76 30+	28 1	397	0	0	0	3	0	2.95	.40	.70	4	T	T	8	1	0
BELTSVILLE	60.6	41.1	50.9	-1.8	78 27	27 10+	418	0	0	0	3	0	3.08	.29	.97	5	.0	0	6	3	0
COLLEGE PARK	62.2	43.1	52.7	-2.7	79 28+	28 1	366	3	0	0	3	0	3.23	.14	1.12	5	T	T	6	2	1
DALECARLIA RESVR D C	64.5	M	M		81 27	28 1		0	0	0	4	0	4.42	.82	.98	5	.0	0	8	5	0
GLENN DALE BELL STN	64.4	40.0	52.2	-2.0	78 27+	21 1	377	0	0	0	5	0	3.51	.01	.61	23	.0	0	9	2	0
LAUREL 3 W	62.1	44.6	53.4	-1.8	79 27	33 10	346	4	0	0	0	0	4.35	.95	.95	4	.0	0	10	3	0
NATIONAL ARBORETUM D C	61.2	43.3	52.3	-3.9	79 28+	29 2+	377	1	0	0	3	0	3.43	.06	.97	5	.0	0	7	3	0
UPPER MARLBORO 3 NNW	61.5	42.6	52.1		79 27	28 2+	381	1	0	0	3	0	3.66	.34	.98	5	.0	0	8	3	0
--DIVISIONAL DATA-->																					
NORTHERN EASTERN SHORE 05																					
CENTREVILLE	66.2	38.5	52.4		79 30+	25 1	370	0	0	0	4	0	3.97		1.03	4	.0	0	7	4	2
CHESTERTOWN	61.6	42.9	52.3	-1.8	76 26	29 1	377	0	0	0	2	0	4.19	.94	1.09	5	.0	0	9	3	1
MILLINGTON 2 NNW	M	M	M														M	M			
--DIVISIONAL DATA-->																					
NORTHERN CENTRAL 06																					
ABERDEEN PHILLIPS FLD	62.4	43.7	53.1		76 27+	30 1	351	0	0	0	2	0	3.63				.0	0	5	2	0
BALTIMORE WSO CI	R 63.6	48.0	55.8	-1.0	79 26	39 23	270	3	0	0	0	0	2.98	.53	.70	6	M	M	8	2	0
BENSON POLICE BARRACKS	63.3	38.5	50.9	-1.9	78 27	25 1	416	0	0	0	4	0	5.27	1.27	1.25	5	.0	0	10	4	1
BOYDS 2 NW	61.8	42.0	51.9		79 27	31 1	391	4	0	0	3	0	5.34		1.03	4	T	T	9	5	1
CATOCTIN MOUNTAIN PARK	58.1	38.8	48.5		78 27	29 1	491	0	0	0	4	0	4.72		.97	5	T	T	10	5	0
CLARKSVILLE 3 NNE	62.5	39.4	51.0		78 29+	23 1	414	0	0	0	6	0	4.39		.98	5	T	T	8	5	0
CONOWINGO DAM	59.8	40.8	50.3	-1.7	73 27+	26 1	433	0	0	0	2	0	4.45	.63	1.31	5	.0	0	12	2	1
DAMASCUS 2 SW	60.1	41.3	50.7		77 27	30 10+	423	2	0	0	3	0	5.02		.98	4	T	T	11	5	0

SEE REFERENCE NOTES FOLLOWING STATION INDEX

# MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

MARYLAND AND  
DELAWARE  
APRIL 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 MAX	32 OR BELOW MIN	32 OR BELOW MIN	0 OR BELOW MIN				TOTAL	MAX DEPTH ON GROUND	DATE	.10 OR MORE	.50 OR MORE	1.00 OR MORE	
EMMITSBURG 2 SE FREDRICK POLICE BRKS	61.4 62.7	39.7 42.1	50.6 52.4		77 29+ 80 27	26 2 30 2	427 372	0 0 2 0	0 0 0 0	4 0 1 0	0 0	4.40 4.10		.82 .93	15 15	T T	T T		7 6 8 4	0 0	0 0	0 0
PARKTON 2 SW ROCKVILLE 1 NE TOWSON	65.7 65.7	44.9 44.9	55.3 55.3	.4	82 27+ 82 27+	31 10	296	12 0	0 0	2 0	0 0	4.15	-.91	.96	4	M M	M M		7 4 7 4	0 0	0 0	0 0
UNIONVILLE WESTMINSTER POLICE BRK	61.4 61.3	38.4 41.5	49.9 51.4	-1.6 -1.8	80 27 78 28	22 1 29 10	449 401	0 0 2 0	0 0 0 0	7 0 3 0	0 0	3.92 3.21	-.41 -.48	1.23 1.00	15 4	M M	M M		6 3 7 2	1 1	1 1	1 1
WOODSTOCK --DIVISIONAL DATA-->			51.7	-1.5								4.28	-.65			M	M					
APPALACHIAN MOUNTAIN 07																						
CUMBERLAND 2 FROSTBURG 2 HAGERSTOWN	64.1 54.5 61.6	40.3 35.2 41.4	52.2 44.9 51.5	-1.3 -2.1	87 30 79 27 80 27	28 1 22 2 30 2+	382 599 401	6 0 1 0	0 0 0 0	4 0 12 0	0 0	4.71 5.86 5.15	1.35 1.81 1.65	1.73 1.81 1.17	5 5 15	T T T	T T T		9 2 7 4 9 4	2 2 1 1 1 1	2 2 1 1 1 1	2 2 1 1 1 1
HANCOCK FRUIT LAB --DIVISIONAL DATA-->	63.2	38.8	51.0	-1.1	86 30	23 1	417	5 0	0 0	6 0	0 0	4.77	1.53	1.02	5	M	M		11 3	3 1	3 1	3 1
ALLEGHENY PLATEAU 08			49.9	-2.4								5.12	1.69			M	M					
MC HENRY 2 NW OAKLAND 1 SE SAVAGE RIVER DAM	54.0 57.8 56.3	34.7 33.6 37.1	44.4 45.7 46.7	-1.5 -1.7	80 29+ 81 27 82 28	22 8 19 8 27 11+	611 573 543	2 0 0 0	1 15 0 13	0 0 0 0	0 0	5.42 5.68 5.35	1.75 1.17 1.88	1.75 1.05 1.33	5 5 5	T T T	T T T		8 4 13 4 7 4	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1
DELAWARE NORTHERN 01			45.6	-1.6								5.49	1.30			M	M					
MIDDLETOWN 1 WSW NEWARK UNIVERSITY FARM WILMINGTON WSO AP WILMINGTON PORTER RESVR	61.6 60.7 59.6	40.8 40.7 40.9	51.2 50.7 50.3		74 26 76 26 74 26	22 1 26 1 31 1	405 422 436	0 0 0 0	0 0 0 0	3 0 3 0	0 0	4.29 4.24 5.20	.68 .85 1.32	1.19 1.22 1.47	5 5 5	M M M	M M M		8 4 7 4 7 5	1 1 1 1 2 2	1 1 1 1 2 2	1 1 1 1 2 2
BRIDGEVILLE 1 NW DOVER GEORGETOWN 5 SW LEWES MILFORD 2 WSW	63.4 63.1 61.4 62.5	41.9 42.8 41.5 43.2	52.7 53.0 51.5 52.9	-1.5 -1.7 -2.1 -1.2	75 27+ 78 26 75 27 73 26	27 1 28 1 26 1 28 1	363 355 401 359	0 0 0 0	0 0 0 0	3 0 2 0	0 0	3.99 4.81 4.92 4.54	.68 1.60 1.72 1.13	1.25 1.42 2.29 .93	5 5 5 23	M M M M	M M M M		6 3 8 4 5 4 9 5	3 1 4 2 4 2 5 0	3 1 4 2 4 2 5 0	3 1 4 2 4 2 5 0
--DIVISIONAL DATA-->			52.5	-1.6								4.57	1.26			M	M					

SEE REFERENCE NOTES FOLLOWING STATION INDEX

# DAILY PRECIPITATION (INCHES)

MARYLAND AND  
DELAWARE  
APRIL 1984

STATION	TOTAL	DAY OF MONTH														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
<b>MARYLAND</b>																
SOUTHERN EASTERN SHORE 01																
ASSATEAGUE STATE PARK	5.99				.24	1.33	.09								.75	.65
PRINCESS ANNE	4.20				.43	1.75	.04									
SALISBURY	4.12				.45	1.94	.02									
SALISBURY FAA AP	5.01				1.68	1.15	.01	T						T	.20	.30
SNOW HILL 4 N	4.84				.31	1.45	.05	T							.19	.82
CENTRAL EASTERN SHORE 02																
CAMBRIDGE WTR TRMT PL	4.42				.27	1.31									1.00	
DENTON 2 E	4.49				.17	2.07		.03	.05					T	.55	.03
ROYAL OAK 2 SSW	4.40				.38	1.70								.04	.35	.04
VIENNA	4.38				.23	1.53	.03								.50	.68
LOWER SOUTHERN 03																
LA PLATA 1 W	4.20				.71	.48									.26	.29
MECHANICSVILLE 1 SE	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
OWINGS FERRY LANDING	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PATUXENT RIVER	4.76				1.17	.68		T						.13	.08	.66
UPPER SOUTHERN 04																
ANNAPOLIS POLICE BRKS	4.22				.62	1.50	.12	.01							.07	.23
BALTIMORE WSO AP	2.95	R		T	.70	.31	T	.01						.03	.27	.39
BELTSVILLE	3.08					.97	.11	.02							.04	.34
COLLEGE PARK	3.23				.02	1.12	.08								.09	.35
DALECARLIA RESVR D C	4.42				.83	.98	.09	.02							.04	.31
GLENN DALE BELL STN	3.51				.54	.43	.34								.10	.18
LAUREL 3 W	4.35				.95	.56									.25	.47
NATIONAL ARBORETUM D C	3.43					.97										.30
UPPER MARLBORO 3 NNW	3.66					.98	.11								.91	.26
NORTHERN EASTERN SHORE 05																
CENTREVILLE	3.97				1.03	.27									.07	1.00
CHESTERTOWN	4.19				.45	1.09		.05							.36	.16
MILLINGTON 2 HNW	M	-	-	T	-	-	-	-	-	-	-	-	-	-	-	-
NORTHERN CENTRAL 06																
ABERDEEN PHILLIPS FLD	3.63	R			.56	.58	.34								.02	*
BALTIMORE WSO CI	2.98					.65	.70								.03	.27
BENSON POLICE BARRACKS	5.27			.04	.70	1.25	.91	.05							.10	.56
BOYDS 2 NH	5.34				1.03	.46	.10								.04	.24
BRIGHTON DAM	4.87				1.10	.90										.74
CATOCTIN MOUNTAIN PARK	4.72			.01	.60	.97	.05	.01							.44	.55
CLARKSVILLE 3 NNE	4.39				.92	.98	.05	.02							.03	.32
CONOWINGO DAM	4.45				.85	1.31		.03							.10	.22
DAMASCUS 2 SW	5.02			.06	.98	.50	.13	T							.05	.56
EMMITSBURG 2 SE	4.40				.50	.58	T	T							.05	.05
FREDRICK POLICE BRKS	4.10				.57	.47	.02	.03							.12	.11
FREDERICK 3 E	4.77				.07	1.48	.02	T							.16	1.46
PARKTON 2 SW	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
POTOMAC FILTER PLANT	3.83	//			1.16	.27									.04	.78
ROCKVILLE 1 NE	4.15				.96	.83		.02	T						T	.19
TOWSON	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
UNIONVILLE	3.92				.92	.34									.08	.09
WESTMINSTER POLICE BRK	3.21				1.00	.91	.15	.05							.11	1.23
WOODSTOCK	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

SEE REFERENCE NOTES FOLLOWING STATION INDEX  
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# DAILY PRECIPITATION (CONT)

MARYLAND AND  
DELAWARE  
APRIL 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	1.60		.03	.05	.03			.73						.40	.09	
PRINCESS ANNE	1.00		.02		.05			.68							.19	
SALISBURY	.29	.04			.02		.03	.75	T					.03	.05	
SALISBURY FAA AP	.27			.01	T		.23	.48						.11	.06	
SNOW HILL 4 N	.67	.02	T		T		.01	.68						.46	.05	
CENTRAL EASTERN SHORE 02																
CAMBRIDGE WTR TRMT PL	.68	.12														
DENTON 2 E	.60	.01	.07	.01	.03			.94							.07	.07
ROYAL OAK 2 SSW	.77	.05	.01	.02	T		.05	.62	.04	.02				.07	.15	
VIENNA	.52	.08	.02		.02			.82	.05					.02	.10	
LOWER SOUTHERN 03																
LA PLATA 1 W	.73	.15	.04													
MECHANICSVILLE 1 SE	-	-	-	-	-	-	.23	.78	T					.05	.04	
OWINGS FERRY LANDING	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PATUXENT RIVER	.66		.01	.02	T		.68	.57	T					T	.10	
UPPER SOUTHERN 04																
ANNAPOLIS POLICE BRKS	.55	.18	.03				.01	.55	.02	.02					.06	
BALTIMORE WSO AP	.26	T	.03				.32	.22	.04			.02	.01	T	.34	
BELTSVILLE	.60	.07	.01	.04				.60	.07					.20	.01	
COLLEGE PARK	.47	.15	.01	.06				.60	.05	T				.22	.01	
DALECARLIA RESVR D C	.61		.01	.03			.10	.52	.05					.51	.04	
GLENN DALE BELL STN	.46	.38					T	.61	.07	.03				.09	.06	
LAUREL 3 W	.28	T	.05				.49	.25	.02				.13		.28	
NATIONAL ARBORETUM D C	.37	.65						.62	.05					.16		
UPPER MARLBORO 3 NNW	.27	.34		.03				.57	.10					.09		
NORTHERN EASTERN SHORE 05																
CENTREVILLE	.60	.08	.12													
CHESTERTOWN	.28	.01	.01				.16	.50	.70	T				.03	.10	
MILLINGTON 2 HNW	-	-	-	-	-	-	-	-	.05	-	-	-	-	-	.39	
NORTHERN CENTRAL 06																
ABERDEEN PHILLIPS FLD	.96	.25	.42	T		*	*	.35	.08	T				T	.07	
BALTIMORE WSO CI	.26		.04				.30	.19	.04						.11	
BENSON POLICE BARRACKS	.41	.17	.17	.20	.02			.44	.07	.08				.03	.07	
BOYDS 2 NW	.72	.04	.18				.08	.50	.06					.03	.09	
BRIGHTON DAM	.30	.05	.10				.40	.20	.20					.86	.09	
CATOCTIN MOUNTAIN PARK	.75	.14	.07	.02				.69	.12				.15	.20	.22	
CLARKSVILLE 3 NNE	.58	.02	.05	.03				.52	.12				.02	.18	.10	
CONOWINGO DAM	.48	.13	.22	.02			T	.11	.24	.16			.01	.10	.06	
DAMASCUS 2 SW	.69	.12	.02	T			.15	.44	.06					.25		
EMMITTSBURG 2 SE	.60	.66	.08	T			T	.68	T				.02	.22	.37	
FREDRICK POLICE BRKS	.65	.05	.08	.03			.02	.52	.08	.04			T	.30	.08	
FREDERICK 3 E	.58	.04	.06	.02				.52	.09	.03			.04	.27	.07	
PARKTON 2 SW	-	-	-	-	-	-	-	-	-	-	-	-	-	.24	-	
POTOMAC FILTER PLANT	.29	.07	.02													
ROCKVILLE 1 NE	.52	T	.08	.03	T		.48	.20	T				.30	-	.12	
TOWSON	-	-	-	-	-	-	.08	.54	.05	-	-	-	-	-	.07	
UNIONVILLE	.70	.01	T											.33	-	
WESTMINSTER POLICE BRK	-	.04	.03	.02				.41	T					-	.14	T
WOODSTOCK	-	-	-	-	-	-	-	.38	.11	-	-	-	-	-	.05	T

SEE REFERENCE NOTES FOLLOWING STATION INDEX

# DAILY PRECIPITATION (INCHES)

MARYLAND AND  
DELAWARE  
APRIL 1984

STATION	TOTAL	DAY OF MONTH														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
APPALACHIAN MOUNTAIN 07	4.71				.15	1.73	.13									
CUMBERLAND 2	3.67				.03	1.01	.23									
EDGE MONT	5.86	T			.41	1.81	.03	T	.06	T				T	.08	.45
FROSTBURG 2	5.15			T	.38	.87	.07							T	.07	1.17
HAGERSTOWN	4.77				.85	1.02		.10						T	.04	.72
HANCOCK FRUIT LAB														T	.08	.82
ALLEGHENY PLATEAU 08	5.42				.50	1.75	.04	.20								
MC HENRY 2 NW	5.50				.30	1.50		.20							T	.63
MERRILL	5.68				.60	1.05	.29	.01						.04	.05	.70
OAKLAND 1 SE	5.36				.27	1.33	.01	.03		.35				.07	.52	.40
SAVAGE RIVER DAM														.03	.02	.79
DELAWARE																
NORTHERN 01	4.29				.06	.30	1.19	.51	.05							
MIDDLETOWN 1 WSW	M															.07
NEWARK UNIVERSITY FARM	4.24				.01	.72	1.22									
WILMINGTON WSO AP	5.20		T		.07	1.02	1.47							.05	.01	.41
WILMINGTON PORTER RESVR														T	.05	.40
SOUTHERN 02																
BRIDGEVILLE 1 NW	3.99					.17	1.25	.02	.02							.37
DOVER	4.81					.13	1.42		.07							.16
GEORGETOWN 5 SW	4.92				.02		2.29	.05	.02						1.01	.62
LEWES	4.54					.15	.83		.01		.01				.46	.57
MILFORD 2 WSW	M															

SEE REFERENCE NOTES FOLLOWING STATION INDEX

# DAILY PRECIPITATION (CONT)

MARYLAND AND  
DELAWARE  
APRIL 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	.30	.10						1.30	.12							
EDGE MONT	.52	.02	.06	T				.69	.07					.35	T	
FROSTBURG 2	.25	.07	.03	.04	T	.01		1.41	.17	.02			.03	.16	T	
HAGERSTOWN	.84	.14	T	T				.74	.13	.03				.70	T	
HANCOCK FRUIT LAB	.19	.15	.12	.02	T		.05	.98	.09					.39	.30	
							.13							.44		
ALLEGHENY PLATEAU 08																
MC HENRY 2 NW	.39	.09	.09	.02	.03			.89	.24	.08				.47	T	
MERRILL	.43	.10	.05	.03	.01			1.10	.20	.02				.77		
OAKLAND 1 SE	.37	.21	.16	.03	.03	.01	.13	.32	.32	.02				.74	T	
SAVAGE RIVER DAM	.44	.09	.03	T	.01			1.18	.22	T			.05	.91	T	
DELAWARE																
NORTHERN 01																
MIDDLETOWN 1 WSW	.83	.22	.02					.52	.02	T				.26	.24	
NEWARK UNIVERSITY FARM																
WILMINGTON WSO AP	.56	.01	.01	.04			.19	.33	.03					.56	.04	
WILMGTON PORTER RESVR	.56	.02	T	T			.21	.59	.03			.05	.05	.73		
SOUTHERN 02																
BRIDGEVILLE 1 NW	.47	.05	.04					.93	.03					.02	.08	
DOVER	.72	.07	.05					.60						.36	.20	
GEORGETOWN 5 SW	.63	.03			.02			1.01	.01					.19		
LEWES	.51	.01	.18					.93						.39	.50	
MILFORD 2 WSW																

SEE REFERENCE NOTES FOLLOWING STATION INDEX



# DAILY TEMPERATURES (°F)

MARYLAND AND  
DELAWARE  
APRIL 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	57	63	58	54	70	61	57	62	62	55	56	55	56	64	55	66	60	65	64	64	67	64	62	64	65	78	65	63	68	63				
	MIN	31	36	41	45	48	46	44	37	38	36	41	38	36	48	40	47	49	44	46	46	48	39	39	47	47	47	55	49	47	51				
PRINCESS ANNE	MAX	52	61	61	63	68	75	51	54	58	58	59	66	71	70	68	67	66	66	61	64	62	66	58	62	66	75	74	67	69	71				
	MIN	28	29	33	47	47	46	41	37	34	29	32	32	40	38	35	47	46	42	44	45	47	35	37	48	37	39	44	43	48	48				
SALISBURY	MAX	54	61	60	62	69	59	50	59	58	59	59	67	71	65	62	67	65	65	60	64	66	63	57	61	66	75	75	66	70	71				
	MIN	30	31	41	48	54	47	44	39	38	33	36	36	46	52	49	49	49	46	45	47	47	39	38	48	45	45	50	51	47	50				
SALISBURY FAA AP	MAX	54	63	60	62	69	58	49	60	52	59	59	68	72	65	61	67	67	68	62	63	68	50	59	62	67	77	74	67	71	72				
	MIN	28	30	40	49	54	46	42	39	34	31	35	33	44	52	50	50	49	45	47	48	48	38	39	50	48	44	47	52	49	50				
SNOW HILL 4 N	MAX	54	61	60	59	68	66	48	59	56	57	57	68	68	66	58	69	66	68	61	66	67	64	60	62	66	76	72	63	70	68				
	MIN	27	29	41	47	53	47	40	36	39	28	33	31	40	52	49	50	48	40	43	47	44	39	38	48	45	41	46	54	47	49				
CENTRAL EASTERN SHORE 02																																			
CAMBRIDGE WTR TRMT PL	MAX	54	64	64	62	66	60	52	57	58	55	58	66	69	66	57	61	65	64	63	63	61	60	54	60	67	75	79	75	71	70				
	MIN	33	32	44	48	49	44	45	41	39	32	39	38	51	51	48	48	48	49	43	44	51	42	37	44	45	43	52	53	49	49				
DENTON 2 E	MAX	55	61	61	59	68	59	50	58	57	58	60	69	71	64	65	62	64	65	61	64	66	53	55	57	66	77	75	66	74	71				
	MIN	27	28	28	45	55	43	41	38	35	27	35	35	43	51	47	49	46	42	44	45	39	37	37	42	46	41	41	46	42	51				
ROYAL OAK 2 SSW	MAX	55	62	62	60	67	55	50	59	56	57	57	68	69	58	59	62	65	63	60	63	65	61	53	57	67	76	78	70	69	71				
	MIN	30	34	45	47	46	45	45	41	37	34	38	41	52	52	48	49	51	45	47	45	50	40	37	48	49	43	52	51	51	56				
VIENNA	MAX	55	64	63	63	69	62	51	55	59	58	60	69	70	70	70	67	67	67	64	65	68	60	57	61	68	78	77	77	70	71				
	MIN	30	33	42	49	54	46	44	42	39	31	31	39	50	51	47	50	59	47	45	46	47	36	39	47	45	48	49	49	49	54				
OBS																																			
LOWER SOUTHERN 03																																			
LA PLATA 1 W	MAX	56	68	65	59	64	52	53	64	60	62	62	73	74	61	56	62	68	64	65	66	68	63	51	62	70	81	81	66	77	75				
	MIN	30	26	39	46	49	43	43	37	37	30	34	34	50	48	47	50	43	42	41	40	43	38	38	47	37	39	51	55	51	55				
MECHANICSVILLE 1 SE	MAX																																		
	MIN																																		
OWINGS FERRY LANDING	MAX																																		
	MIN																																		
PATUXENT RIVER	MAX	55	66	61	57	60	56	51	58	52	55	56	65	67	59	56	67	69	64	66	65	68	49	55	64	69	76	74	63	65	75				
	MIN	36	35	43	49	50	45	45	41	38	35	41	42	52	51	51	49	48	47	46	47	49	39	40	49	45	43	54	53	54	56				
UPPER SOUTHERN 04																																			
ANNAPOLIS POLICE BRKS	MAX	57	64	64	61	64	55	53	62	61	58	59	66	66	59	53	63	65	64	62	64	68	65	50	58	70	75	77	69	71	69				
	MIN	30	33	45	45	44	41	40	39	40	33	40	38	50	49	46	48	45	44	45	42	45	42	38	46	48	42	51	53	53	56				
BALTIMORE WSO AP	MAX	54	61	60	58	64	53	47	60	53	59	59	67	65	54	56	63	64	61	58	61	65	47	49	56	68	76	75	60	74	76				
	MIN	28	31	43	45	49	42	42	37	35	30	37	39	48	46	46	46	41	41	42	43	39	45	38	37	45	47	41	49	51	52	51			
BELTSVILLE	MAX	49	53	61	61	59	63	54	49	59	55	59	60	70	65	52	58	63	64	62	58	62	65	48	51	56	68	78	77	62	76				
	MIN	27	28	43	45	45	44	43	37	37	27	33	35	46	51	45	45	39	40	43	38	43	35	36	42	48	39	47	51	51	51				
COLLEGE PARK	MAX	50	55	63	63	60	66	55	49	61	56	61	61	71	67	53	58	65	66	64	60	63	65	49	57	58	70	79	79	65	77				
	MIN	28	29	44	45	45	44	44	39	40	30	37	37	48	52	46	48	41	43	44	40	48	38	38	44	49	40	49	53	52	57				
DALECARLIA RESVR D C	MAX	56	65	63	59	65	55	52	63	60	61	60	70	68	62	60	66	66	63	60	63	65	63	51	59	70	78	81	76	77	77				
	MIN	28	29	43	45	31	42	31	38	40	33	36	48	52																					
GLENN DALE BELL STN	MAX	58	64	63	59	64	60	52	64	62	60	61	71	70	59	56	62	66	65	63	62	67	65	50	57	68	78	78	76	76	76				
	MIN	21	24	39	44	50	37	42	39	35	28	29	31	46	49	44	45	37	39	43	37	37	36	37	45	48	38	47	52	51	49				
LAUREL 3 W	MAX	50	61	63	58	63	54	48	60	56	60	61	72	65	54	59	64	64	62	62	61	64	50	56	57	68	77	79	62	78	75				
	MIN	37	39	46	44	50	42	41	44	38	33	37	44	47	45	44	47	45	45	41	43	48	62	59	59	49	54	51	55	54					
OBS																																			

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# DAILY TEMPERATURES (°F)

MARYLAND AND  
DELAWARE  
APRIL 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			
NATIONAL ARBORETUM D C	MAX MIN	51 29	55 29	63 43	63 46	60 45	53 44	53 44	50 40	62 40	52 30	63 38	61 38	63 48	67 50	55 45	59 47	65 50	65 42	65 43	60 42	63 47	66 40	53 36	50 42	59 49	60 48	79 51	79 53	65 49	77 52	61.2 43.3		
UPPER MARLBORO 3 NNW	MAX MIN	51 28	55 28	63 42	62 47	60 46	65 41	53 44	50 39	62 38	56 29	60 34	60 34	70 50	70 52	54 47	54 49	65 43	64 43	63 45	60 41	63 44	65 41	63 44	65 43	58 45	70 40	79 48	78 53	62 51	76 54	61.5 42.6		
NORTHERN EASTERN SHORE 05	MAX OBS MIN	59 25	65 27	64 41	67 42	70 37	52 39	52 39	60 31	63 32	60 33	61 34	70 39	71 44	69 40	57 39	64 45	67 41	67 40	66 41	69 39	65 40	68 37	62 34	61 35	67 45	79 39	78 46	77 44	78 40	79 46	66.2 38.5		
CHESTERTOWN	MAX MIN	55 29	61 32	62 42	58 45	67 49	54 43	48 41	59 40	56 37	59 36	60 36	69 41	70 50	55 45	54 45	61 47	65 43	63 44	60 46	63 41	65 43	50 38	51 37	55 46	66 48	76 46	74 48	65 49	74 48	72 53	61.6 42.9		
MILLINGTON 2 WNW	MAX MIN																																M M	
NORTHERN CENTRAL 06	MAX OBS MIN OBS	57 30 30	61 31 31	61 42	59 46	64 56	63 46	53 42	61 40	56 40	61 38	61 36	67 37	67 49	59 47	56 47	62 48	63 42	61 43	57 46	61 39	66 47	59 39	49 38	55 47	65 50	76 47	76 51	67 47	74 48	74 52	62.4 43.7		
ABERDEEN PHILLIPS FLD	MAX OBS MIN OBS	57 30 30	61 31 31	61 42	59 46	64 56	63 46	53 42	61 40	56 40	61 38	61 36	67 37	67 49	59 47	56 47	62 48	63 42	61 43	57 46	61 39	66 47	59 39	49 38	55 47	65 50	76 47	76 51	67 47	74 48	74 52	62.4 43.7		
BALTIMORE WSO CI	R MAX MIN	58 40	66 44	64 48	60 49	66 53	56 49	50 45	63 42	56 45	64 40	62 43	70 51	65 56	57 49	59 48	65 51	67 52	64 51	61 48	64 44	69 49	49 40	51 39	59 49	72 52	79 47	78 54	62 53	75 56	77 54	63.6 48.0		
BENSON POLICE BARRACKS	MAX MIN	57 25	62 28	64 35	61 40	63 47	61 41	51 35	61 35	57 33	62 28	64 31	70 36	70 45	57 46	56 41	63 44	65 38	64 36	64 41	60 35	66 42	66 34	64 34	66 41	49 43	49 38	55 45	55 45	77 44	78 48	71 48	76 48	63.3 38.5
BOYDS 2 NW	MAX MIN	53 31	61 36	60 40	56 41	61 46	57 41	47 40	60 32	56 38	58 32	59 35	69 40	68 50	62 49	55 44	63 47	64 41	60 41	57 37	60 40	63 41	60 37	48 35	54 42	67 47	75 45	79 51	71 49	74 49	76 55	61.8 42.0		
CATOCTIN MOUNTAIN PARK	MAX MIN OBS	45 29 1	54 34 1	54 35	54 36	55 43	52 37	42 34	56 33	56 32	55 35	58 32	65 32	64 46	48 46	48 40	58 44	58 41	55 34	55 35	56 39	60 37	58 33	41 33	47 39	63 42	74 49	78 52	75 43	73 47	72 51	58.1 38.8		
CLARKSVILLE 3 NNE	MAX MIN	60 23	62 26	60 38	58 43	61 52	57 42	51 40	59 35	59 35	60 25	70 29	68 32	58 46	57 49	63 44	63 49	63 37	60 40	62 35	65 38	57 32	49 37	56 43	68 41	78 36	75 44	75 51	64 51	78 51	75 51	62.5 39.4		
CONOWINGO DAM	MAX MIN	53 26	61 28	60 38	55 45	63 48	52 40	47 42	58 41	56 36	59 34	60 33	68 37	62 45	53 46	54 45	58 44	64 41	60 41	58 44	62 40	63 42	50 37	49 37	55 45	64 43	73 39	73 46	62 48	72 44	69 48	59.8 40.8		
DAMASCUS 2 SW	MAX MIN	53 30	60 35	60 38	52 41	61 48	53 41	46 35	59 36	55 36	58 30	68 31	68 40	60 47	56 47	56 43	62 46	62 42	59 40	55 37	63 43	55 36	47 33	54 43	66 44	76 36	77 45	64 43	75 46	75 48	60.1 41.3			
EMMITSBURG 2 SE	MAX MIN	54 27	60 26	60 34	57 40	60 39	54 43	48 40	60 36	59 35	60 30	67 32	67 33	66 48	60 47	54 44	60 47	61 38	60 37	59 41	60 36	65 43	63 34	46 36	51 43	67 47	77 36	77 45	68 50	77 51	74 54	61.4 39.7		
FREDRICK POLICE BRKS	MAX MIN	54 33	60 30	61 41	58 40	57 44	58 43	49 42	61 37	61 40	59 34	68 36	68 37	68 49	58 49	58 44	61 43	61 43	60 42	58 39	60 38	65 46	65 37	45 36	55 42	69 47	77 42	80 52	76 52	75 50	76 56	62.7 42.1		
PARKTON 2 SW	MAX MIN																																M M	
ROCKVILLE 1 NE	MAX MIN	55 32	64 33	64 44	60 45	64 54	58 46	49 44	63 38	62 40	61 31	62 35	74 41	74 54	67 53	60 47	66 51	64 44	62 43	62 42	63 42	67 46	66 39	51 37	60 46	72 51	82 44	82 53	77 55	80 54	80 62	65.7 44.9		
TOWSON	MAX MIN																																M M	
UNIONVILLE	MAX MIN	52 22	60 23	63 33	57 41	61 50	54 42	49 41	59 35	56 32	58 25	68 30	68 30	64 48	60 49	55 44	61 47	62 35	60 34	55 37	61 33	64 40	58 30	48 36	51 42	67 46	77 33	80 44	73 50	74 50	76 53	61.4 38.4		
WESTMINSTER POLICE BRK	MAX MIN	52 31	58 37	59 38	57 38	59 47	57 42	46 38	57 35	51 36	58 29	67 32	67 40	58 48	67 47	62 47	65 42	59 42	58 42	62 42	62 42	59 42	58 36	62 35	62 43	58 45	75 46	77 54	77 54	77 54	76 55	61.3 41.5		
WOODSTOCK	MAX MIN																																M M	

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# DAILY TEMPERATURES (°F)

MARYLAND AND  
DELAWARE  
APRIL 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	58	62	62	55	62	51	46	65	62	65	67	73	73	66	56	65	60	60	56	59	65	61	47	49	69	82	83	79	77	87			64.1		
	MIN	28	29	38	40	40	38	38	41	30	30	35	40	50	45	45	40	41	42	41	38	38	33	37	44	41	45	53	50	50	49			40.3		
FROSTBURG 2	MAX	43	48	53	55	42	53	43	41	58	53	57	59	67	65	49	48	57	50	51	51	47	55	38	43	42	63	79	78	73	73			54.5		
	MIN	26	23	27	32	35	35	32	31	28	31	29	22	36	46	41	41	40	35	35	33	35	35	29	31	33	39	44	54	49	48			35.2		
HAGERSTOWN	MAX	54	60	60	55	59	56	46	60	57	60	60	70	66	62	54	62	60	57	54	61	64	60	47	50	68	78	80	75	75	79			61.6		
	MIN	30	30	39	40	45	41	39	37	36	35	33	38	52	48	44	46	43	40	38	39	40	36	35	40	47	44	49	48	53	56			41.4		
HANCOCK FRUIT LAB	MAX	52	61	60	58	62	60	48	62	62	58	64	70	68	63	54	63	58	59	59	59	65	64	47	52	69	81	80	78	75	86			63.2		
	MIN	23	24	31	40	43	44	39	39	34	25	34	30	48	44	45	47	37	36	36	37	41	32	36	42	46	35	43	56	47	50			38.8		
ALLEGHENY PLATEAU 08																																				
MC HENRY 2 NW	MAX	40	47	52	51	45	42	34	29	55	55	60	63	69	70	55	55	54	44	47	53	48	54	35	50	38	61	79	80	80	75			54.0		
	MIN	26	28	31	35	34	28	29	22	26	28	28	30	45	45	38	40	37	32	32	32	35	33	29	32	33	36	49	53	48	48			34.7		
OAKLAND 1 SE	MAX	47	54	52	44	54	42	40	57	50	59	62	68	70	67	55	58	55	48	58	52	56	42	49	40	64	79	81	78	75	78			57.8		
	MIN	23	22	31	34	35	30	24	19	30	29	21	28	41	39	40	39	39	33	33	32	33	29	33	34	36	31	40	49	49	51			33.6		
SAVAGE RIVER DAM	MAX	40	50	55	55	43	55	42	43	60	52	59	62	68	68	54	51	58	51	52	55	52	58	41	45	45	65	81	82	75	72			56.3		
	MIN	27	27	31	37	37	36	34	34	38	28	27	31	40	47	43	43	39	36	38	37	35	33	32	35	40	37	45	50	48	48			37.1		
DELAWARE																																				
NORTHERN																																				
MIDDLETOWN 1 WSW 01	MAX	55	60	60	59	68	65	52	59	57	59	59	67	69	58	54	60	62	64	59	64	64	52	51	55	63	74	72	64	73	71			61.6		
	MIN	22	30	40	42	52	42	39	35	34	31	34	35	43	47	44	46	45	41	44	39	42	34	37	45	46	53	45	44	46	48			40.8		
NEWARK UNIVERSITY FARM	MAX																																			M
	MIN																																			M
WILMINGTON WSO AP	MAX	56	61	61	58	65	53	47	62	56	61	61	66	67	51	52	59	66	64	58	61	64	50	49	54	62	76	73	62	74	72			60.7		
	MIN	26	29	40	44	47	44	39	36	35	36	34	39	46	44	44	46	38	39	43	40	39	32	36	46	48	42	47	45	46	50			40.7		
WILMINGTON PORTER RESVR	MAX	54	59	62	57	66	52	46	60	58	59	60	67	63	50	50	58	64	62	57	60	62	49	47	53	59	74	69	65	73	72			59.6		
	MIN	31	36	43	43	48	42	38	38	37	35	37	36	43	42	42	44	41	41	43	38	42	36	35	42	46	45	49	43	45	47			40.9		
	OBS																																			
SOUTHERN																																				
BRIDGEVILLE 1 NH 02	MAX	56	62	60	61	67	60	51	58	60	59	59	69	72	64	57	64	66	66	61	64	65	63	55	59	65	75	75	65	73	72			63.4		
	MIN	27	30	43	46	55	43	42	37	36	29	35	33	42	50	47	48	46	42	42	43	41	36	38	45	46	42	47	50	47	49			41.9		
DOVER	MAX	56	62	61	57	67	65	53	59	59	59	60	68	71	64	55	60	66	65	63	63	65	62	55	57	62	78	76	61	69	74			63.1		
	MIN	28	34	42	42	50	45	40	38	37	32	38	36	46	50	46	47	46	44	45	43	47	40	38	47	46	46	46	48	47	51			42.8		
GEORGETOWN 5 SW	MAX	50	54	61	68	62	69	55	48	58	52	57	59	67	70	58	56	65	65	65	60	63	66	50	57	60	65	75	72	64	71			61.4		
	MIN	26	28	43	43	52	43	41	35	35	28	35	32	45	50	47	48	47	44	39	43	41	37	38	47	45	43	45	49	47	48			41.5		
LEWES	MAX	54	68	66	54	66	60	54	57	59	56	57	64	68	58	55	68	69	63	62	62	62	65	59	61	64	73	70	63	65	72			62.5		
	MIN	28	36	44	44	51	44	42	36	39	30	38	35	45	48	46	46	48	46	44	46	45	43	39	49	46	47	48	48	46	50			43.2		
MILFORD 2 WSW	MAX																																			M
	MIN																																			M

SEE REFERENCE NOTES FOLLOWING STATION INDEX

# EVAPORATION AND WIND

MARYLAND AND  
DELAWARE  
APRIL 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	-	55	59	70	84	58	26	48	64	22	28	21	18	30	59	37	19	42	51	35	63	57	24	15	20	85	30	43	28	16	1559B
		EVAP	-	14	17	22	1	9	21	13	15	12	13	15	17	3	2	6	10	16	11	13	15	20	5	1	13	23	20	21	11	19	3.91B
		MAX	51	62	69	70	57	68	55	55	68	65	69	72	78	75	63	64	67	69	70	67	63	68	50	51	58	71	83	83	82	88	67.0
		MIN	27	39	41	46	45	46	42	39	40	39	40	42	47	54	47	46	48	47	46	46	44	42	40	42	46	47	53	55	54	54	44.8
UPPER MARLBORO 3 NNW																																	
		WIND	30	27	42	45	45	8	23	40	30	31	15	13	13	29	49	14	6	15	6	8	19	44	21	14	40	43	11	21	12	10	724
		EVAP	9	13	16	20	1	11	11	10	20	13	14	15	18	12	-	1	9	14	13	14	17	20	2	2	16	20	20	22	9	21	3.96B
		MAX	52	61	66	68	53	68	51	48	69	65	68	70	75	62	56	53	66	68	67	66	67	67	48	50	59	72	81	82	62	84	64.1
		MIN	39	39	42	47	48	49	44	40	41	41	42	44	48	54	49	49	51	52	49	49	49	44	42	42	47	49	54	59	55	55	47.1
DELAWARE																																	
SOUTHERN	02																																
GEORGETOWN 5 SW		WIND	-	50	00	85	58	07	*	24	93	47	49	64	56	117	216	*	74	105	58	69	61	20	67	76	149	123	58	67	55	53	2604B
		EVAP	-	14	20	22	-	21	13	11	19	10	14	16	16	25	10	-	13	25	17	15	17	26	8	0	19	18	23	22	15	20	4.99B
		MAX	-	-	71	62	75	62	49	68	64	69	70	72	75	63	60	73	72	74	70	70	70	57	58	63	65	80	81	73	81	68.4	
		MIN	-	-	48	50	47	44	40	41	40	42	42	45	52	52	52	51	51	50	50	47	41	40	45	41	40	45	47	52	53	52	47.1

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

# SNOWFALL AND SNOW ON GROUND (INCHES)

MARYLAND AND  
DELAWARE  
APRIL 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	
MARYLAND																																	
SOUTHERN EASTERN SHORE	01																																
SNOW HILL 4 N																																	
CENTRAL EASTERN SHORE	02																																
ROYAL OAK 2 SSW																																	
LOWER SOUTHERN LA PLATA 1 W	03																																
UPPER SOUTHERN BALTIMORE WSO AP	04																																
COLLEGE PARK																																	
NORTHERN CENTRAL CATOCTIN MOUNTAIN PARK	06																																
DAMASCUS 2 SW																																	
EMMITSBURG 2 SE																																	
ROCKVILLE 1 NE																																	
APPALACHIAN MOUNTAIN CUMBERLAND 2	07																																
FROSTBURG 2																																	
ALLEGHENY PLATEAU MC HENRY 2 NW	08																																
OAKLAND 1 SE																																	
DELAWARE																																	
NORTHERN WILMINGTON WSO AP	01																																

SNOWFALL: INCLUDES SNOW AND ICE  
 SNOW ON GROUND: INCLUDES SNOW, SLEET, ICE AND HAIL  
 WATER EQUIVALENT: GIVEN FOR NWS STATIONS ONLY, WHEN SNOW DEPTH IS 2 INCHES OR MORE.  
 SEE REFERENCE NOTES FOLLOWING STATION INDEX

# STATION INDEX

MARYLAND AND  
DELAWARE  
APRIL 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	001506		HARFORD	39 28	76 10W	57	16	16		C	ROSS AVIATION INC
ANNAPOLIS POLICE BRKS	019904		ANNE ARUNDEL	38 59	76 30W	25	17	17		H	ANNAPOLIS POLICE BRKS
ASSATEAGUE STATE PARK	033901		WORCESTER	38 14	75 8W	7	17	17		H	ASSATEAGUE STATE PARK
BALTIMORE WSO AP	044604	R	ANNE ARUNDEL	39 11	76 40W	196	MID	MID		C	NATL WEATHER SERVICE
BALTIMORE WSO CI #	047004	R	BALTO CITY	39 17	76 37W	91	MID	MID		C	OCMI COMMANDING OFFICER
BELTSVILLE	070004		PRN GEORGES	39 2	76 53W	120	8	8		B	U S DEPT OF AGRICULTURE
BENSON POLICE BARRACKS	073206		HARFORD	39 30	76 23W	365	17	17		C	MARYLAND STATE POLICE
BOYDS 2 NW	103206		MONTGOMERY	39 13	77 20W	580	18	18			HUNTER F STALEY
BRIGHTON DAM	112506		MONTGOMERY	39 12	77 1W	330		MID			WASH SUB SANY COMM
CAMBRIDGE WTR TRMT PL	138502		DORCHESTER	38 34	76 4W	5	16	16		H	WASTEWATER TRTMT PLANT
CATOCTIN MOUNTAIN PARK	153006		FREDERICK	39 39	77 29W	1610	17	17		C	CATOCTIN MOUNTAIN PARK
CENTREVILLE	162705		QUEEN ANNES	39 3	76 4W	60	17	17		H	MICHAEL B CATE
CHESTERTOWN	175505		KENT	39 13	76 4W	40	23	23		H	THOMAS W ELIASON JR
CLARKSVILLE 3 NNE	186206		HOWARD	39 15	76 56W	365	17	17			UNIVERSITY OF MARYLAND
COLLEGE PARK	199504		PRN GEORGES	38 59	76 57W	90	9	9		C	UNIVERSITY OF MARYLAND
CONOWINGO DAM	206006		HARFORD	39 39	76 10W	40	MID	MID		H	SUSQUEHANNA ELECTRIC CO
CRISFIELD SOMERS COVE	221501		SOMERSET	37 59	75 52W	8	17	17			INACTIVE 03/31/83
CUMBERLAND 2	228207		ALLEGANY	39 38	78 45W	730	18	7		H	TIMOTHY B THOMAS
DALECARLIA RESVR D C	232504			38 56	77 7W	146	17	17			U S CORPS OF ENGINEERS
DAMASCUS 2 SW	233506		MONTGOMERY	39 16	77 14W	720	19	19		H	RICHARD W SCHWERDT
DENTON 2 E	252302		CAROLINE	38 53	75 48W	50	17	17		H	ARTHUR REINHOLD
EDGEMONT	277007		WASHINGTON	39 40	77 33W	905		7			JOHN W HARNE
EMMITSBURG 2 SE	290606		FREDERICK	39 41	77 18W	416	17	17		H	MRS LUCILLE K BEALE
FREDRICK POLICE BRKS	334806		FREDERICK	39 25	77 26W	380	17	17		H	MARYLAND STATE POLICE
FREDERICK 3 E	335506		FREDERICK	39 24	77 22W	385		7			MISS I MARY STALEY
FROSTBURG 2	341507		ALLEGANY	39 40	78 56W	2170	7	7		H	LEE K CLOSE
GLENN DALE BELL STN	367504		PRN GEORGES	38 58	76 48W	150	16	16		H	USDA PLT INTRODUCT STN
HAGERSTOWN	397507		WASHINGTON	39 39	77 44W	660	18	18			HAGERSTOWN RESERVOIR
HANCOCK FRUIT LAB	403007		WASHINGTON	39 42	78 11W	428	16	16		C	SHARPSBURG RESEARCH C
LA PLATA 1 W	508003		CHARLES	38 32	77 0W	140	18	18		H	C RUSSELL LEVERING
LAUREL 3 W	511104		PRN GEORGES	39 6	76 54W	400	MID	MID			WASH SUB SANY COMM
MC HENRY 2 NW	583208		GARRETT	39 35	79 22W	2680	8	8		C	JOSEPH F JOHENNING
MECHANICSVILLE 1 SE	586503		ST MARYS	38 26	76 43W	160	17	17		H	MRS EDITH R BENNETT
MERRILL	589408		GARRETT	39 36	79 5W	1790		9			DELWOOD E MERRILL
MILLINGTON 2 HNW	598505		KENT	39 16	75 52W	30	17	17		H	MRS GERALDINE CONNOLLEY
NATIONAL ARBORETUM D C	635004			38 54	76 59W	50	8	8		H	U S NATL ARBORETUM
OAKLAND 1 SE	662008		GARRETT	39 24	79 24W	2420	17	17		H	BEA J CROSCO
OWINGS FERRY LANDING	677003		CALVERT	38 41	76 40W	160	17	17		H	JAMES E BOURNE JR
PARKTON 2 SW	684406		BALTIMORE	39 38	76 42W	600	23	23		C	JOHN R FOX
PATUXENT RIVER	691503		ST MARY'S	38 20	76 25W	38	MID	MID		C	NAVAL WEATHER SERVICE
POTOMAC FILTER PLANT	727206		MONTGOMERY	39 2	77 15W	270		8			POTOMAC WATER FILT PLT
PRINCESS ANNE	733001		SOMERSET	38 13	75 41W	20	17	17		H	UNIVERSITY MARYLAND EAST
ROCKVILLE 1 NE	770506		MONTGOMERY	39 6	77 6W	440	17	17		H	WASH GAS & LIGHT CO
ROYAL OAK 2 SSW	780602		TALBOT	38 43	76 11W	10	18	18		H	JOHN L SWAINE JR
SALISBURY	800001		WICOMICO	38 22	75 35W	10	17	17			CITY OF SALISBURY
SALISBURY FAA AP	800501		WICOMICO	38 20	75 31W	48	MID	MID		H	FAA
SAVAGE RIVER DAM	806508		GARRETT	39 31	79 8W	1495	8	8		B	U S CORPS OF ENGINEERS
SNOW HILL 4 N	838001		WORCESTER	38 14	75 23W	28	18	18		H	CURTIS E SHOCKLEY
TOWSON	887706		BALTIMORE	39 23	76 34W	390	18	18			BENDIX FRIEZ
UNIONVILLE	903006		FREDERICK	39 27	77 11W	430	18	18		C	GEORGE P VON EIFF JR
UPPER HARLBORO 3 NNW	907004		PRN GEORGES	38 52	76 47W	98	8	8		B	TOBACCO EXP FARM
VIENNA	914002		DORCHESTER	38 29	75 50W	12	18	18		H	DELMARVA POWER & LIGHT
WESTMINSTER POLICE BRK	944006		CARROLL	39 33	76 58W	765	17	17			MARYLAND STATE POLICE

SEE REFERENCE NOTES FOLLOWING STATION INDEX

# STATION INDEX

MARYLAND AND  
DELAWARE  
APRIL 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)	
HOODSTOCK	975006		BALTIMORE	39 20	76 52 W	460	18	18		H	JOHN A HILTZ
DELAWARE											
BRIDGEVILLE 1 NW	133002		SUSSEX	38 45	75 37 W	50	17	17		H	WILLIAM M RAY
DOVER	273002		KENT	39 9	75 31 W	30	17	17		H	STATE DIV OF HIGHWAYS
GEORGETOWN 5 SW	357002		SUSSEX	38 38	75 27 W	45	8	8	8 C	H	UNIV OF DEL SUBSTATION
LEWES	532002		SUSSEX	38 46	75 28 W	15	17	17		H	BOARD OF PUBLIC WORKS
MIDDLETOWN 1 WSW	585202		NEW CASTLE	39 26	75 45 W	60	16	16		H	PIONEER HIBRED CORN CO
MILFORD 2 WSW	591502		SUSSEX	38 54	75 28 W	30	17	17		H	MRS BERNARD FRANKEL
NEWARK UNIVERSITY FARM	641001		NEW CASTLE	39 40	75 44 W	90	17	17	17 C	H	UNIV OF DELAWARE
WILMINGTON WSO AP	R 959501		NEW CASTLE	39 40	75 36 W	79	MID	MID		C H J	NATL WEATHER SERVICE
WILMINGTON PORTER RESVR	960501		NEW CASTLE	39 46	75 32 W	274	MID	MID		H	WATER DEPARTMENT

SEE REFERENCE NOTES FOLLOWING STATION INDEX

# REFERENCE NOTES

MARYLAND AND  
DELAWARE  
APRIL 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.  
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.

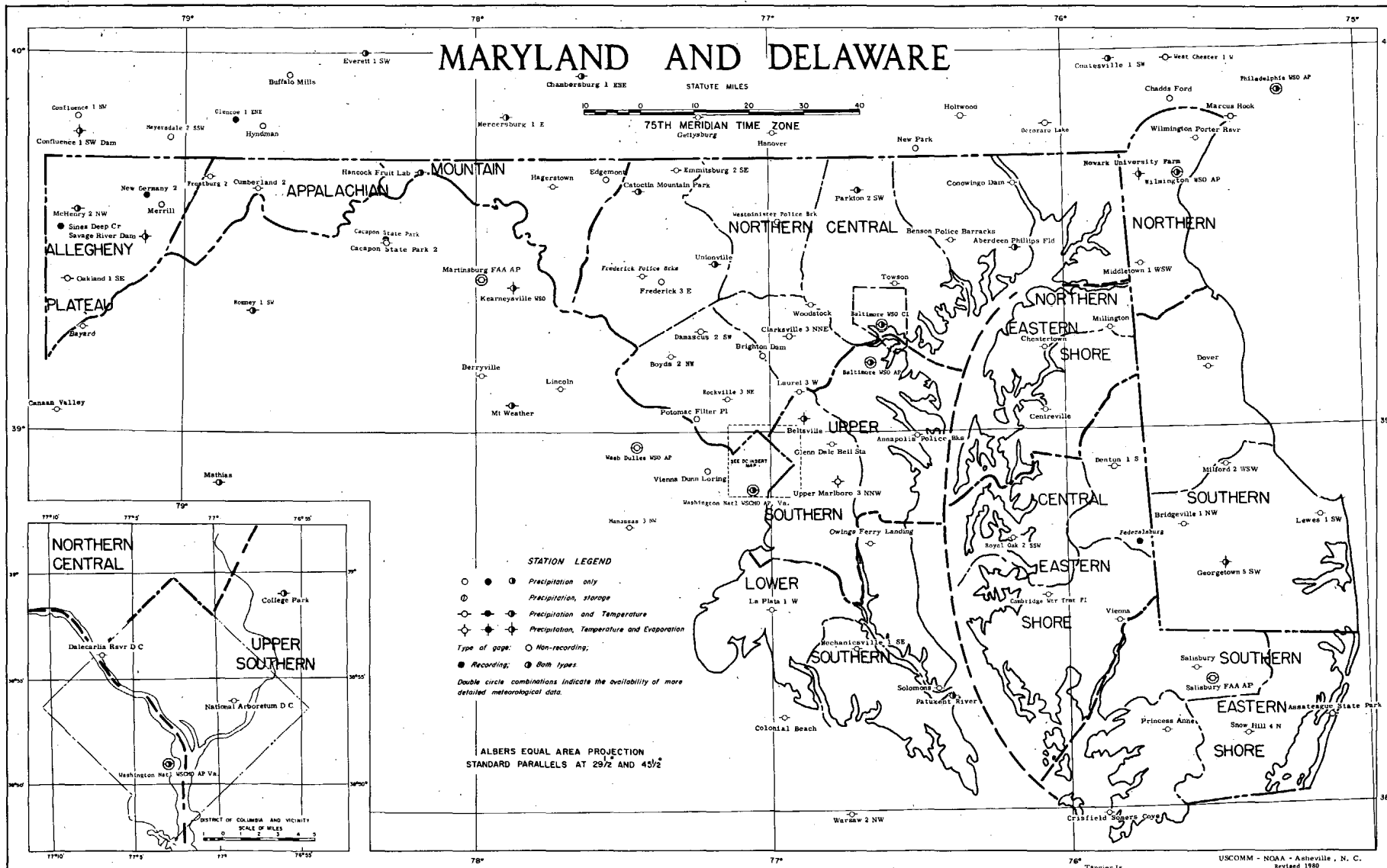
Seasonal Tables: Monthly and seasonal snowfall and heating degree days for the 12 months ending with the June data will be carried in the July issue of this bulletin. Cooling degree days for the calendar year will be published in the "Climatological Data Annual Summary".

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)

USCOHM-NOAA-ASHEVILLE, N.C. APRIL 1984-0895

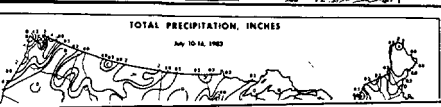
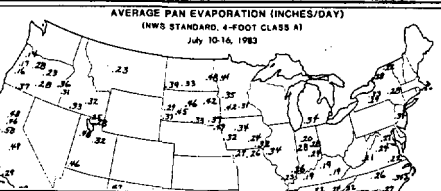
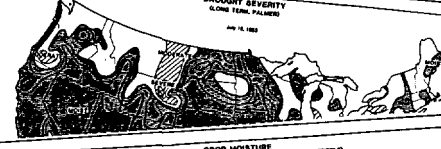
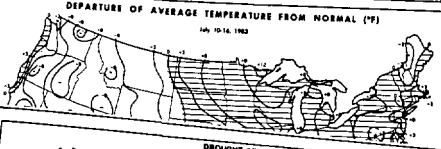




# SUBSCRIBE TO THE

Weather Data for the Week Ending July 16, 1983

STATE AND STATION	TEMPERATURE °F		PRECIPITATION		RELATIVE HUMIDITY PERCENT	NUMBER OF DAYS WINDY	NUMBER OF DAYS WITH
	HIGHEST	LOWEST	TOTAL	WETTEST			
ALABAMA	88	68	0.00	0	75	0	0
ALASKA	65	45	0.00	0	65	0	0
ARIZONA	105	75	0.00	0	35	0	0
ARKANSAS	92	68	0.00	0	65	0	0
CALIFORNIA	85	55	0.00	0	55	0	0
COLORADO	85	55	0.00	0	45	0	0
CONNECTICUT	85	65	0.00	0	75	0	0
DELAWARE	85	65	0.00	0	75	0	0
FLORIDA	95	75	0.00	0	75	0	0
GEORGIA	95	75	0.00	0	75	0	0
IDAHO	85	55	0.00	0	45	0	0
ILLINOIS	85	65	0.00	0	75	0	0
INDIANA	85	65	0.00	0	75	0	0
IOWA	85	65	0.00	0	75	0	0
KANSAS	85	65	0.00	0	45	0	0
KENTUCKY	85	65	0.00	0	75	0	0
Louisiana	95	75	0.00	0	75	0	0
MAINE	75	55	0.00	0	75	0	0
MARYLAND	85	65	0.00	0	75	0	0
MASSACHUSETTS	85	65	0.00	0	75	0	0
MICHIGAN	85	65	0.00	0	75	0	0
MINNESOTA	85	65	0.00	0	75	0	0
MISSISSIPPI	95	75	0.00	0	75	0	0
MISSOURI	85	65	0.00	0	75	0	0
MONTANA	85	55	0.00	0	45	0	0
NEBRASKA	85	65	0.00	0	45	0	0
NEVADA	105	75	0.00	0	35	0	0
NEW HAMPSHIRE	75	55	0.00	0	75	0	0
NEW JERSEY	85	65	0.00	0	75	0	0
NEW MEXICO	105	75	0.00	0	35	0	0
NEW YORK	85	65	0.00	0	75	0	0
NORTH CAROLINA	95	75	0.00	0	75	0	0
NORTH DAKOTA	85	65	0.00	0	45	0	0
OHIO	85	65	0.00	0	75	0	0
OKLAHOMA	85	65	0.00	0	45	0	0
OREGON	85	55	0.00	0	55	0	0
PENNSYLVANIA	85	65	0.00	0	75	0	0
RHODE ISLAND	85	65	0.00	0	75	0	0
SOUTH CAROLINA	95	75	0.00	0	75	0	0
SOUTH DAKOTA	85	65	0.00	0	45	0	0
TENNESSEE	95	75	0.00	0	75	0	0
TEXAS	95	75	0.00	0	75	0	0
UTAH	85	55	0.00	0	45	0	0
Vermont	75	55	0.00	0	75	0	0
VIRGINIA	85	65	0.00	0	75	0	0
WASHINGTON	85	55	0.00	0	55	0	0
WEST VIRGINIA	85	65	0.00	0	75	0	0
WISCONSIN	85	65	0.00	0	75	0	0
WYOMING	85	55	0.00	0	45	0	0

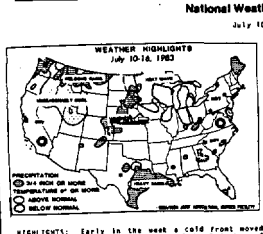


## WEEKLY WEATHER AND CROP BULLETIN

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

**precipitation**  
① 25% below normal  
② 50% below normal  
③ above normal

**HIGHLIGHTS:** Early in the week a cold front moved across the Northwest and dropped 1 to 2 inches of rain in Washington, Oregon, and California. The rain was especially beneficial in the very dry northwestern section of the state producing light rain, and at times heavy, triggered moderate to heavy rain along a clear front east-central Minnesota to the northwestern part of Mexico triggered heavy downpours in western Iowa, and light to moderate showers in southeastern Missouri. A few light showers fell in the central and northern parts of the Corn Belt. In general, little rain fell in the Corn Belt area. Moderate showers fell in the Corn Belt near 80° which was 2-6" above-normal.

**SUNDAY:** A disturbance moving through Montana and southern Canada triggered severe weather through most of the state, including heavy rain in the northeast. The rain was generally heavy in the southeast had very little rain. Both the northeastern and northwestern parts of the nation were unusually cool. But afternoon high temperatures in the central section 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. Very heavy weather pushed northward through the central Mississippi valley and into Michigan. Hot weather was in central California and reached

northern into Washington. A few light showers fell from southwestern New Mexico to central Nevada, 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 Northwest but neither dominated much of the northern high Plains, the Southwest, and much of the East. There were a few very light showers from Arizona to eastern Colorado, along the western slopes of the Appalachians, and in the Northwest. A disturbance in northeastern Mexico triggered showers and thunderstorms in southeastern Texas.

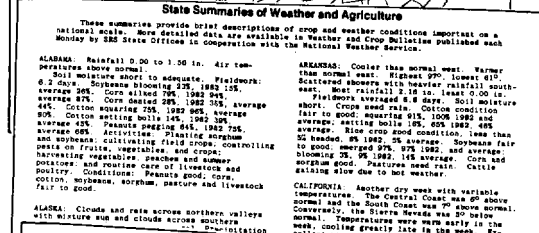
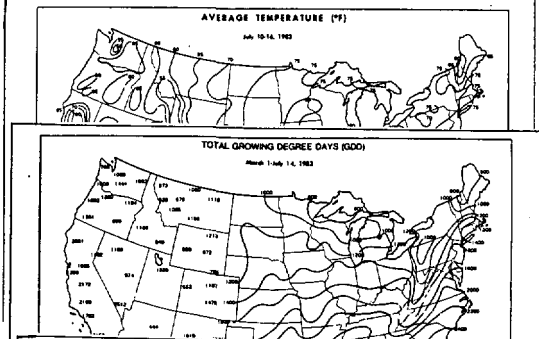
**WEDNESDAY:** It was another cool morning in much of the Rockies, the Northwest, and in the Great Lakes area. However, unusually hot weather dominated the northern Plains and most of the Southwest. Showers and thunderstorms produced heavy rain and the southern Texas coast and later storms reached into Louisiana, and Oklahoma. Light showers also fell in New Mexico, the Texas Panhandle, Florida, 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 all but southwestern Texas and Oklahoma. Heavy rain scattered through the central and northern parts of the Corn Belt. Showers and thunderstorms were generally light in the Northwest and reached through Montana. High temperatures were 100° or more over parts of the central Rockies and the northern Plains, but cool weather pushed into the Northwest.

(Continued on p. 14)

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**State Summaries of Weather and Agriculture**

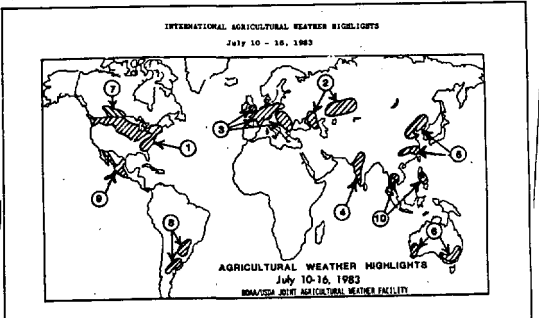
These summaries provide brief descriptions of crop and weather conditions important on a national scale. More detailed data are available in Weather and Crop Bulletins published each Monday by SRS State Offices in cooperation with the National Weather Service.

**ALABAMA:** Rainfall 0.00 to 1.50 in. Air temperatures above normal. Soil moisture short to adequate. Fieldwork: 63% Cotton baling 28%, 1982 15%, average 30%. Corn planted 28%, 1982 35%, average 32%. Cotton harvesting 75%, 1982 85%, average 84%. Cotton ginning 14%, 1982 15%, average 15%. Pasture grazing 64%, 1982 75%, average 68%. Activities: Planting sorghum and soybeans; cultivating field crops; controlling harvesting vegetable, peach and orange orchards; and routine care of livestock and poultry. Conditions: Pasture good; corn, cotton, soybeans, sorghum, pasture and livestock fair to good.

**ARKANSAS:** Cooler than normal west. Warmer scattered showers with heavier rainfall southeast. Most rainfall 2.10 in. least 0.00 in. short. Crop seed rain 1.00 in. Cotton condition fair to good. Harvesting 91%, 100% 1982 and average 95%. Pasture grazing 64%, 1982 68%, average 65%. Activities: Planting sorghum and soybeans; cultivating field crops; controlling harvesting vegetable, peach and orange orchards; and routine care of livestock and poultry. Conditions: Pasture good; corn, cotton, soybeans, sorghum, pasture and livestock fair to good.

**CALIFORNIA:** Another dry week with variable temperatures. The Central Coast was 6° above normal and the South Coast was 7° above normal. Temperatures were very early in the week, cooling greatly late in the week. Excellent late weather benefited all crops.

**ALABAMA:** Clouds and rain across northern valleys with mixture sun and clouds across southern.



- UNITED STATES** ... Hot, dry weather in the Corn Belt and western 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 western Montana. Abundant sunshine favors wheat harvest in the central and northern Plains.
- 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.
- 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.

- MEXICO** ... southern Plateau crop ... weight, temporary relief to upper ... orchards, crops, and livestock as the rest of the north remains mostly dry.
- 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.

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