

**ACON MD / DE  
JULY 1998 TEMPERATURES**

OBSERVER	COUNTY/STATE	STATION	AVERAGE TEMP			EXTREME TEMP			DAYS WITH TEMP				PEAK WIND			NUMBER OF DAYS WITH				OBSER TIME						
			MAX	MIN	TEMP	MAX	DAY	MIN	DAY	MAX	MAX	MIN	MIN	GUST	DIR	DAY	THUN	HAIL	GLAZE		SLEET	-DER				
									>=90	<=32	<=32	<=0														
<b>Baltimore NWS ASOS</b>	Anne Arundel	BWI Airport	88.2	65.0	76.6	99	22	55	12+	11	0	0	0								2400					
<b>Hanson, Dan</b>	Anne Arundel	Millersville 1 SE	87.2	64.5	75.9	98	22	53	12	8	0	0	0	28	NW	20					2400					
<b>Jug Bay Wetlands</b>	Anne Arundel	Lothian	88.7	64.6	76.7	99	23	53	12	15	0	0	0								0900					
<i>ANNE ARUNDEL COUNTY, MD AVERAGES/EXTREMES</i>			88.0	64.7	76.4	99	23+	53	12																	
<b>Hanson, Dan</b>	Baltimore	Baltimore 4 SW	STATION CLOSED																		2400					
<b>Kreinik, Al</b>	Baltimore	Parkton 5 SW	84.9	61.9	73.4	91	22+	53	12+	3	0	0	0								2	0	0	0	2200	
<b>Sharrow, Marty</b>	Baltimore	Owings Mills 2 SE	86.0	61.3	73.7	93	22+	53	12	4	0	0	0	27	WNW	1	3	0	0	0				2400		
<i>BALTIMORE COUNTY, MD AVERAGES/EXTREMES</i>			85.5	61.6	73.5	93	22+	53	12+																	
<b>Baltimore Custom Hse</b>	Baltimore City	Balt Custom House																			2400					
<b>Manfre, Joe</b>	Baltimore City	Baltimore 2 SE	88.4	71.9	80.2	99	22	62	8	11	0	0	0								2	0	0	0	1800	
<b>Maryland Science Ctr</b>	Baltimore City	Baltimore Inner Harbor	87.5	71.7	79.6	97	22+	61	8	8	0	0	0												2400	
<i>BALTIMORE CITY, MD AVERAGES/EXTREMES</i>			88.0	71.8	79.9	99	22	61	8																	
<b>Close Jr, Herb</b>	Carroll	Manchester 1 SW																			2100					
<b>Hartsock, Ralph</b>	Carroll	Westminster 4 SSE	83.5	62.1	72.8	91	21	52	12	2	0	0	0												2200	
<b>Miller, Bobby</b>	Carroll	Millers 4 NE	83.4	62.8	73.1	90	22	53	12	1	0	0	0	27	NW	5	2	0	0	0					1800	
<b>Muller, Ray</b>	Carroll	Finksburg																			2200					
<b>Rickell, Robert</b>	Carroll	Union Mills 2 SE	82.4	62.5	72.5	92	21	54	12	2	0	0	0								5	0	0	0	2100	
<i>CARROLL COUNTRY, MD AVERAGES/EXTREMES</i>			83.1	62.5	72.8	92	21	52	12																	
<b>Brumback, Marty</b>	Charles	Indian Head																			0600					
<b>Thomas, Jack</b>	Frederick	Thurmont, Middle Mt.	80.7	61.6	71.2	88	21	53	11	0	0	0	0	35	NNW	22	6	0	0	0					2200	
<b>Harvey, Rebecca</b>	Garrett, MD	Eagle Rock	78.7	59.5	69.1	86	30+	49	11	0	0	0	0												1300	
<b>Schlusser, Paul</b>	Harford, MD	Kingsville 1 S																			2200					
<b>Cohen, Rob</b>	Montgomery	Potomac 4 N	85.1	66.5	75.8	92	22+	57	12	3	0	0	0								4	0	0	0	2100	
<b>Rossen, Stan</b>	Montgomery	Glenmont 1 NNE																			2400					
<b>Rossen, Stan</b>	Montgomery	Rockville Mont College																			2400					
<b>Shaw, Kevin</b>	Montgomery	Gaithersburg 2 WNW	87.7	64.1	75.9	96	22+	54	12+	10	0	0	0	24	ENE	30	2	0	0	0					2400	
<b>Terry, Joe</b>	Montgomery	Forest Glen	87.2	65.6	76.4	96	22	56	12+	9	0	0	0	42		21	3	0	0	0					2400	
<b>Windolph, Raoul</b>	Montgomery	Dawsonville	-	-	-	-	-	-	-	-	-	-	-												2359	
<b>Wash Gas Light</b>	Montgomery	Rockville 1 NE																			2400					
<i>MONTGOMERY COUNTY, MD AVERAGES/EXTREMES</i>			87.2	65.6	76.4	96	22+	54	12+																	
<b>Canavan, Jim</b>	New Castle	Wilmington 4 NNE	84.9	66.7	75.8	91	21	58	12	3	0	0	0												2400	
<b>Gallaher, Gary</b>	New Castle	Bear 2 SW	86.7	64.6	75.7	95	22	54	12+	11	0	0	0	45	NW	21	4	0	0	0					2400	
<b>Wilmington NWS ASOS</b>	New Castle	NCC Airport	84.8	65.4	75.1	92	22+	56	12	4	0	0	0	43	NNW										2400	
<i>NEW CASTLE COUNTY, DE AVERAGES/EXTREMES</i>			85.5	65.6	75.5	95	22	54	12+																	

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			MAX	MIN	TEMP	MAX	DAY	MIN	DAY	MAX	MAX	MIN	MIN	GUST	DIR	DAY	THUN	HAIL	GLAZE	SLEET		
										>=90	<=32	<=32	<=0				-DER					
Hudelson, Bill	Prince Georges	South Bowie	88.3	66.1	77.2	98	22+	56	12	13	0	0	0	35	NW	21	2	0	0	0	2400	
<b>Abell, Floyd</b>	St Marys, MD	Hollywood	86.8	67.3	77.1	98	22	57	12	8	0	0	0	26		30	2	0	0	0	2359	
<b>Bubb, Clinton</b>	St Marys, MD	Morganza	85.6	65.5	75.6	97	22	55	12	5	0	0	0	19		1	2	0	0	0	2400	
<b>Walchli, Marlene</b>	St Marys, MD	California	85.2	68.1	76.7	94	22	58	12	5	0	0	0	18		19	3	0	0	0	2100	
<b>Zyla, John</b>	St Mary's, MD	Ridge	88.9	70.9	79.9	98	22	65	12	11	0	0	0	19		30	2	0	0	0	2400	
<i>ST MARY'S COUNTY, MD AVERAGE/EXTREMES</i>			86.6	68.0	77.3	98	22	55	12					26		30						
<b>Keefer, Greg</b>	Washington, MD	Hagerstown 1 E	86.9	64.4	75.7	95	22	53	12	8	0	0	0	27	S+	26+	4	0	0	0	2400	
<b>Vaughn, Jim</b>	Washington, MD	Smithsburg																			2000	
<i>WASHINGTON, MD AVERAGE/EXTREMES</i>																						
<b>Boggs, Kenny</b>	Worcester, MD	Whaleysville	88.6	63.9	76.3	101	24	52	12	11	0	0	0								0730	
<b>Wash Dulles NWS ASOS</b>	Loudon, VA	Dulles Airport	86.9	63.7	75.3	98	22	52	12	10	0	0	0								2400	
<b>Wash National NWS</b>	Arlington, VA	National Airport	87.9	69.9	78.9	97	22	62	12	9	0	0	0								2400	
<b>Gajary, Peter</b>	Washington, DC	Capitol Hill	STATION CLOSED																		2400	
			<b><u>DATA RECEIVED SINCE LAST REPORT</u></b>																			
			<b><u>JUNE 1998</u></b>																			
<b>Cohen, Rob</b>	Montgomery	Potomac 4 N	77.9	62.7	70.3	92	26	47	9	1	0	0	0								2100	
<b>Schlosser, Paul</b>	Harford, MD	Kingsville 1 S	79.9	62.1	71.0	96	26	48	9+	3	0	0	0				6	0	0	0		

**ACON MD / DE  
JULY 1998 PRECIPITATION**

OBSERVER	COUNTY/STATE	STATION	PRECIPITATION						SNOWFALL					BAROMETER		OBSER TIME
			TOTAL	MAX CAL DAY	DATE	DAYS >=0.1"	DAYS >=1"	YEAR	TOTAL	MAX CAL DAY	DATE	DAYS >=0.1"	DAYS >=1.0"	SEASON	MAX	
<b>Baltimore NWS ASOS</b>	Anne Arundel	BWI Airport	1.42	0.88	8	4	0	28.75	0.0	0.0	0	0	0.0			2400
<b>Hanson, Dan</b>	Anne Arundel	Millersville 1 SE	1.58	0.93	8	4	0	28.43	0.0	0.0	0	0	0.0	30.20	29.64	2400
<b>Jug Bay Wetlands</b>	Anne Arundel	Lothian	1.65	0.56	8	10	0	35.07								0900
<i>ANNE ARUNDEL COUNTY, MD AVERAGES/EXTREMES</i>			1.55	0.93	8			30.74	0.0	0.0			0.0			
<b>Hanson, Dan</b>	Baltimore	Baltimore 4 SW														2400
<b>Kreinik, Al</b>	Baltimore	Parkton 5 SW	2.17	1.25	8	6	1	32.88	0.0	0.0	0	0	0.0	30.17	29.65	2200
<b>Sharrow, Marty</b>	Baltimore	Owings Mills 2 SE	2.36	1.15	8	7	1	37.40	0.0	0.0	0	0	0.0			2400
<i>BALTIMORE COUNTY, MD AVERAGES/EXTREMES</i>			2.27	1.25	8			33.51	0.0	0.0			0.0			
<b>Baltimore Custom Hse</b>	Baltimore City	Balt Custom House	-	-	-	-	-	-	-	-	-	-				2400
<b>Manfre, Joe</b>	Baltimore City	Baltimore 2 SE	3.85	1.87	30	6	2	31.77	0.0	0.0	0	0	0.0			1800
<b>Maryland Science Ctr</b>	Baltimore City	Baltimore Inner Harbor	5.01	2.43	30	4	2	12.09M	0.0	0.0	0	0				2400
<i>BALTIMORE CITY, MD AVERAGES/EXTREMES</i>			4.43	2.43	30			32.30	0.0	0.0						
<b>Close Jr, Herb</b>	Carroll	Manchester 1 SW						33.50M								2100
<b>Hartsock, Ralph</b>	Carroll	Westminster 4 SSE	2.03	1.05	8	5	1	32.97	0.0	0.0	0	0	0.0			2200
<b>Miller, Bobby</b>	Carroll	Millers 4 NE	3.48	1.55	8	9	1	34.87	0.0	0.0	0	0	0.0	30.19	29.62	1800
<b>Muller, Ray</b>	Carroll	Finksburg														2200
<b>Rickell, Robert</b>	Carroll	Union Mills 2 SE	2.76	1.17	31	9	1	38.86	0.0	0.0	0	0	0.0			2100
<i>CARROLL COUNTY, MD AVERAGES/EXTREMES</i>			2.76	1.55	8			35.44	0.0	0.0			0.0			
<b>Brumback, Marty</b>	Charles, MD	Indian Head						22.58M								2000
<b>Thomas, Jack</b>	Frederick, MD	Thurmont, Middle Mt.	3.66	1.60	8	6	1	26.61M	0.0	0.0	0	0	0.0	30.10	29.30	1300
<b>Harvey, Rebecca</b>	Garrett, MD	Eagle Rock	3.98	1.35	31	9	2	34.75	0.0	0.0	0	0	0.0			2200
<b>Schlosser, Paul</b>	Harford, MD	Kingsville 1 S						31.92M								2200
<b>Cohen, Rob</b>	Montgomery	Potomac 4 N	2.30	0.75	31	6	0	32.86	0.0	0.0	0	0	0.0			2100
<b>Rossen, Stan</b>	Montgomery	Glenmont 1 NNE						29.64M								2400
<b>Rossen, Stan</b>	Montgomery	Rockville Mont College						27.52M								2400
<b>Shaw, Kevin</b>	Montgomery	Gaithersburg 2 WNW	1.88	0.80	8	9	0	33.00	0.0	0.0	0	0	0.0	30.14	29.57	2400
<b>Terry, Joe</b>	Montgomery	Forest Glen	2.88	0.96	8	7	0	36.81	0.0	0.0	0	0	0.0	30.21	29.65	2400
<b>Windolph, Raoul</b>	Montgomery	Dawsonville						29.26M								2359
<b>Wash Gas Light</b>	Montgomery	Rockville 1 NE						26.83M								2400
<i>MONTGOMERY COUNTY, MD AVERAGES/EXTREMES</i>			2.35	0.96	8			32.28	0.0	0.0			0.0			
<b>Canavan, Jim</b>	New Castle	Wilmington 4 NNE	2.21	1.17	8	5	1	26.11	0.0	0.0	0	0	0.0			2400
<b>Gallaher, Gary</b>	New Castle	Bear 6 WSW	2.50	1.12	8	5	1	28.15	0.0	0.0	0	0	0.0	30.19	29.57	2400
<b>Wilmington NWS ASOS</b>	New Castle	NCC Airport	2.18	1.19	8	6	1	26.52	-	-	-	-	0.0			2400
<i>NEW CASTLE COUNTY, DE AVERAGES/EXTREMES</i>			2.30	1.19	8			26.94					0.0			

**ACON MD / DE**  
**JULY 1998 PRECIPITATION**

OBSERVER	COUNTY/STATE	STATION	PRECIPITATION					SNOWFALL					BAROMETER		OBSER TIME		
			TOTAL	MAX CAL DAY	DATE	DAYS >=0.1"	DAYS >=1"	YEAR	TOTAL	MAX CAL DAY	DATE	DAYS >=0.1"	DAYS >=1.0"	SEASON		MAX	MIN
Hudelson, Bill	Prince Georges	South Bowie	1.71	1.10	8	4	1	37.24	0.0	0.0		0	0	0.0			2400
Abell, Floyd	St Marys, MD	Hollywood	1.92	1.69	8	4	1	40.40	0.0	0.0		0	0	0.0			2359
Bubb, Clinton	St Marys, MD	Morganza	1.32	1.08	8	6	1	33.85	0.0	0.0		0	0	0.0	30.16	29.64	2400
Walchli, Marlene	St Marys, MD	California	1.80	1.33	8	3	1	39.41	0.0	0.0		0	0	0.0	30.13	29.63	2100
Zyla, John	St Mary's, MD	Ridge	1.74	1.17	8	5	1	37.83	0.0	0.0		0	0	0.0	30.01	29.60	2400
<i>ST MARY'S COUNTY, MD AVERAGE/EXTREMES</i>			1.70	1.69	8			37.87	0.0	0.0				0.0			
Keefe, Greg	Washington, MD	Hagerstown 1 E	2.85	1.08	8	9	1	35.92	0.0	0.0		0	0	0.0	30.22	29.67	2400
Vaughn, Jim	Washington, MD	Smithsburg						34.11M									2000
<i>WASHINGTON COUNTY, MD AVERAGE/EXTREMES</i>																	
Boggs, Kenny	Worcester, MD	Whaleysville	1.35	0.90	29	4	0	35.94	0.0	0.0		0	0	0.0	30.15	29.79	0730
Wash Dulles NWS ASOS	Loudon, VA	Dulles Airport	1.32	0.62	8	5	0	31.48	0.0	0.0		0	0	0.0			2400
Wash National NWS	Arlington, VA	National Airport	1.79	0.85	8	7	0	30.27	0.0	0.0		0	0	0.0			2400
Gajary, Peter	Washington, DC	Capitol Hill															2400
<b>DATA RECEIVED SINCE LAST REPORT</b>																	
<b>JUNE 1998</b>																	
Cohen, Rob	Montgomery	Potomac 4 N	4.89	1.85	23	13	2	30.56	0.0	0.0		0	0				2100
Schlosser, Paul	Harford, MD	Kingsville 1 S	4.85	1.76	13	16	2	31.92	0.0	0.0		0	0				

Data not submitted for every category

M = Missing data  
 "+ = Also occurred on an earlier date(s)  
 "> = Included in following days data.  
 "\*\* = ASOS gauge malfunction

Compiled by Gary Gallaher  
 08/13/1998