

**ACON MD / DE**  
**AUGUST 1999 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	
<b>Baltimore NWS ASOS</b>	Anne Arundel	BWI Airport	85.7	65.7	75.7	96	17	54	10	9	0	0	0	37	N	1					2400
<b>Hanson, Dan</b>	Anne Arundel	Millersville 1 SE	86.0	64.1	75.1	96	17	54	10	9	0	0	0	26	NNW	14					2400
<b>Jug Bay Wetlands</b>	Anne Arundel	Lothian	89.4	66.3	77.9	101	2+	57	23	16	0	0	0								0900
<i>ANNE ARUNDEL COUNTY, MD AVERAGE/EXTREMES</i>			87.0	65.4	76.2	101	2+	54	10												
<b>Kreinik, Al</b>	Baltimore	Parkton 5 SW	83.1	60.4	71.8	92	17	51	10	6	0	0	0								2200
<b>Sharrow, Marty</b>	Baltimore	Owings Mills 2 SE	84.9	63.0	74.0	94	17+	52	31+	8	0	0	0	27	NE+	30+	8	0	0	0	2400
<i>BALTIMORE COUNTY, MD AVERAGES/EXTREMES</i>			84.0	61.7	72.9	94	17+	51	10												
<b>Manfre, Joe</b>	Baltimore City	Baltimore 2 SE	87.3	71.0	79.2	97	13+	61	30	12	0	0	0				6	0	0	0	1800
<b>Maryland Science Ctr</b>	Baltimore City	Baltimore Inner Harbor	85.9	70.7	78.3	96	17	61	30	10	0	0	0								2400
<i>BALTIMORE CITY, MD AVERAGES/EXTREMES</i>			86.6	70.9	78.7	97	13+	61	30												
<b>Close Jr, Herb</b>	Carroll	Manchester 1 SW	82.8	63.1	73.0	93	17	52	30	6	0	0	0	46		26	6	0	0	0	2100
<b>Hartsock, Ralph</b>	Carroll	Westminster 4 SSE	81.7	61.4	71.6	92	13	51	10	3	0	0	0	33	NE	31					2200
<b>Miller, Bobby</b>	Carroll	Millers 4 NE	83.8	62.3	73.1	93	1	51	10	7	0	0	0	86	SW	26	5	2	0	0	1800
<b>Muller, Ray</b>	Carroll	Finksburg	-	-	-	-	-	-	-	-	-	-	-								0700
<i>CARROLL COUNTRY, MD AVERAGES/EXTREMES</i>			82.8	62.3	72.5	93	17+	51	10												
<b>Brumback, Marty</b>	Charles	Bryans Head 2 SE	87.8	66.9	77.4	98	17	58	10	16	0	0	0	33		30					0600
<b>Thomas, Jack</b>	Frederick	Thurmont, Middle Mt.	81.4	62.6	72.0	90	17	53	10	1	0	0	0	21		1	4	0	0	0	2200
<b>Harvey, Rebecca</b>	Garrett, MD	Eagle Rock	78.5	56.1	67.3	90	1	42	31+	1	0	0	0				6	0	0	0	0800
<b>Schlosser, Paul</b>	Harford, MD	Kingsville 1 S																			2200
<b>Giannola, Rich</b>	Howard, MD	Laurel JHU / APL	86.5	65.3	75.9	97	17+	56	30	11	0	0	0								2400
<b>Cohen, Rob</b>	Montgomery	Potomac 4 N	84.9	66.1	75.5	95	17+	56	10	8	0	0	0				4	0	0	0	2100
<b>Giannola, Rich</b>	Montgomery	Olney	88.0	65.0	76.5	98	12+	54	10	15	0	0	0								2400
<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	86.6	64.0	75.3	97	17	53	10	13	0	0	0				6	0	0	0	2400
<b>Terry, Joe</b>	Montgomery	Forest Glen	89.0	65.8	77.4	98	17+	56	10	17	0	0	0	21	WSW	14	5	0	0	0	2400
<b>Windolph, Raoul</b>	Montgomery	Dawsonville	-	-	-	-	-	-	-	-	-	-	-								2359
<b>Wash Gas Light</b>	Montgomery	Rockville 1 NE	84.7	66.7	75.7	95	17	56	10	8	0	0	0				7	0	0	0	2400
<i>MONTGOMERY COUNTY, MD AVERAGES/EXTREMES</i>			86.6	65.5	76.1	98	17+	53	10												

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			MAX	MIN	TEMP	MAX	DAY	MIN	DAY	MAX	MIN	MIN	GUST	DIR	DAY	THUN	HAIL	GLAZE	SLEET		-DER
<b>Canavan, Jim</b>	New Castle	Wilmington 4 NNE	85.1	65.5	75.3	96	1	56	30+	11	0	0	0				2	0	0	0	2400
<b>Gallaher, Gary</b>	New Castle	Bear 2 SW	86.6	66.3	76.5	97	1	55	23	12	0	0	0	51	NNW	14	7	0	0	0	2400
<b>Wilmington NWS ASOS</b>	New Castle	NCC Airport	85.2	66.4	75.8	96	1	56	10	9	0	0	0	38	WSW	14					2400
<i>NEW CASTLE COUNTY, DE AVERAGES/EXTREMES</i>			85.6	66.1	75.9	97	1	55	23					51	WSW	14					
<b>Hudelson, Bill</b>	Prince Georges	South Bowie	87.5	67.5	77.5	98	1	57	10	15	0	0	0	32	NW	14	5	0	0	0	2400
<b>Abell, Floyd</b>	St Marys, MD	Hollywood	87.8	67.9	77.9	97	11+	57	10	14	0	0	0	33		14	6	0	0	0	2359
<b>Bubb, Clinton</b>	St Marys, MD	Morganza	86.1	66.1	76.1	95	17	54	10	10	0	0	0	23	WSW+	14	4	0	0	0	2400
<b>Walchli, Marlene</b>	St Marys, MD	California 3 NW	87.9	67.9	77.9	98	8	57	10	14	0	0	0				7	0	0	0	2100
<b>Zyla, John</b>	St Mary's, MD	Ridge	87.3	70.1	78.7	101	1	62	15	13	0	0	0	26	E	30	4	0	0	0	2400
<i>ST MARY'S COUNTY, MD AVERAGE/EXTREMES</i>			87.3	68.0	77.6	101	1	54	10					33		14					
<b>Keefer, Greg</b>	Washington, MD	Hagerstown 1 E	87.0	63.1	75.1	100	17	49	31	10	0	0	0	29	NW	29	5	0	0	0	2400
<b>Vaughn, Jim</b>	Washington, MD	Smithsburg 3 NE	85.6	61.2	73.4	95	17	50	31	10	0	0	0				5	0	0	0	2000
<i>WASHINGTON, MD AVERAGE/EXTREMES</i>			86.3	62.2	74.2	100	17	49	31												
<b>Boggs, Kenny</b>	Worcester, MD	Whaleysville																			0730
<b>Wash Dulles NWS ASOS</b>	Loudon, VA	Dulles Airport	87.5	63.2	75.4	97	17+	51	10	13	0	0	0	39	N	14					2400
<b>Wash National NWS</b>	Arlington, VA	National Airport	88.8	70.5	79.7	99	17	62	30	16	0	0	0	38	N	29					2400
<b>Papa, Brian</b>	Washington DC	DuPont Circle NW																			2400
<b>Rickell, Robert</b>	York, PA	Hanover 2 S	82.3	59.9	71.1	92	17	49	31	2	0	0	0				6	1	0	0	2100

**ACON MD / DE**  
**AUGUST 1999 PRECIPITATION**

OBSERVER	COUNTY/STATE	STATION	PRECIPITATION					SNOWFALL					BAROMETER		OBSER TIME	
			TOTAL	MAX CAL DAY	DATE >=.01"	DAYS >=1"	DAYS YEAR	TOTAL	MAX CAL DAY	DATE >=0.1"	DAYS >=1.0"	SEASON	MAX	MIN		
<b>Baltimore NWS ASOS</b>	Anne Arundel	BWI Airport	6.14	1.49	25	7	3	25.04	0.0	0.0	0	0	0.0			2400
<b>Hanson, Dan</b>	Anne Arundel	Millersville 1 SE	6.32	3.12	25	12	2	23.69M	0.0	0.0	0	0	0.0	30.26	29.74	2400
<b>Jug Bay Wetlands</b>	Anne Arundel	Lothian	7.59	2.79	27	13	3	30.51	-	0.0	0	3	0.0			0900
<i>ANNE ARUNDEL COUNTY, MD AVERAGE/EXTREMES</i>			6.68	3.12	25			26.52	0.0	0.0			0.0			
<b>Kreinik, Al</b>	Baltimore	Parkton 5 SW	5.36	1.55	26	8	3	29.70	0.0	0.0	0	0	0.0			2200
<b>Sharrow, Marty</b>	Baltimore	Owings Mills 2 SE	5.57	2.53	26	8	2	30.60	0.0	0.0	0	0	0.0			2400
<i>BALTIMORE COUNTY, MD AVERAGES/EXTREMES</i>			5.47	2.53	26			30.14	0.0	0.0			0.0			
<b>Manfre, Joe</b>	Baltimore City	Baltimore 2 SE	5.64	1.83	26	8	3	25.57	0.0	0.0	0	0	0.0			1800
<b>Maryland Science Ctr</b>	Baltimore City	Baltimore Inner Harbor	8.23	3.64	26	8	3	30.54	-	-	-	-	-			2400
<i>BALTIMORE CITY, MD AVERAGES/EXTREMES</i>			6.94	3.64	26			28.18								
<b>Close Jr, Herb</b>	Carroll	Manchester 1 SW	5.22	2.08	26	8	3	29.24	0.0	0.0	0	0	0.0			2100
<b>Hartsock, Ralph</b>	Carroll	Westminster 4 SSE	3.91	1.40	20	7	1	26.31	0.0	0.0	0	0	0.0			2200
<b>Miller, Bobby</b>	Carroll	Millers 4 NE	5.48	1.50	26	9	2	27.70	0.0	0.0	0	0	0.0			1800
<b>Muller, Ray</b>	Carroll	Finksburg						19.92M					0.0			0700
<i>CARROLL COUNTRY, MD AVERAGES/EXTREMES</i>			4.87	2.08	26			27.57	0.0	0.0			0.0			
<b>Brumback, Marty</b>	Charles, MD	Bryans Head 2 SE	5.53	1.49	25	12	3	23.78M	0.0	0.0	0	0	0.0			2000
<b>Thomas, Jack</b>	Frederick	Thurmont, Middle Mt.	4.08	1.90	25	8	1	27.67M	0.0	0.0	0	0	0.0			2200
<b>Harvey, Rebecca</b>	Garrett, MD	Eagle Rock	2.59	0.66	26	12	0	36.13	0.0	T	14	0	0.0			1300
<b>Schlosser, Paul</b>	Harford, MD	Kingsville 1 S						9.90M								2200
<b>Giannola, Rich</b>	Howard	Laurel JHU / APL	4.30	1.83	25	9	1	22.14	0.0	0.0	0	0	0.0			2400
<b>Cohen, Rob</b>	Montgomery	Potomac 4 N	5.72	1.64	25	8	2	26.19	0.0	0.0	0	0	0.0			2100
<b>Giannola, Rich</b>	Montgomery	Olney	4.74	1.81	25	10	2	24.17	0.0	0.0	0	0	0.0			2400
<b>Rossen, Stan</b>	Montgomery	Glenmont 1 NNE						19.12M								2400
<b>Rossen, Stan</b>	Montgomery	Rockville Mont College						18.20M								2400
<b>Shaw, Kevin</b>	Montgomery	Gaithersburg 2 WNW	5.90	1.61	20	10	3	28.15	0.0	0.0	0	0	0.0			2400
<b>Terry, Joe</b>	Montgomery	Forest Glen	3.29	1.18	25	8	1	2.24	0.0	0.0	0	0	0.0	30.28	29.78	2400
<b>Windolph, Raoul</b>	Montgomery	Dawsonville						18.83M								2359
<b>Wash Gas Light</b>	Montgomery	Rockville 1 NE	4.57	1.21	25	7	1	18.83M	0.0	0.0	0	0	0.0			2400
<i>MONTGOMERY COUNTY, MD AVERAGES/EXTREMES</i>			4.84	1.81	25			24.49	0.0	0.0			0.0			

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			TOTAL	MAX CAL DAY	DATE	DAYS >=.01"	DAYS >=1"	YEAR	TOTAL	MAX CAL DAY	DATE	DAYS >=0.1"	DAYS >=1.0"	SEASON	MAX		MIN
<b>Canavan, Jim</b>	New Castle	Wilmington 4 NNE	7.40	3.17	26	8	3	32.10	0.0	0.0		0	0	0.0			2400
<b>Gallaher, Gary</b>	New Castle	Bear 2 SW	4.19	1.75	20	8	2	25.99	0.0	0.0		0	0	0.0	30.26	29.69	2400
<b>Wilmington NWS ASOS</b>	New Castle	NCC Airport	4.25	1.79	20	9	2	26.61	-	-		-	-				2400
<i>NEW CASTLE COUNTY, DE AVERAGES/EXTREMES</i>			5.28	3.17	26			28.19	0.0	0.0				0.0			
<b>Hudelson, Bill</b>	Prince Georges	South Bowie	9.34	2.98	26	9	3	28.41	0.0	0.0		0	0	0.0	30.20	29.73	2400
<b>Abell, Floyd</b>	St Marys, MD	Hollywood	7.24	5.48	25	8	1	27.54	0.0	0.0		0	0	0.0			2359
<b>Bubb, Clinton</b>	St Marys, MD	Morganza	6.60	5.21	25	6	1	25.83	0.0	0.0		0	0	0.0	30.23	29.70	2400
<b>Walchli, Marlene</b>	St Marys, MD	California	6.24	3.72	25	10	1	27.63	0.0	0.0		0	0	0.0	30.25	29.71	2100
<b>Zyla, John</b>	St Mary's, MD	Ridge	3.18	1.02	20	10	1	25.09	0.0	0.0		0	0	0.0	30.23	29.72	2400
<i>ST MARY'S COUNTY, MD AVERAGE/EXTREMES</i>			5.82	5.48	25			29.93	0.0	0.0				0.0			
<b>Keefer, Greg</b>	Washington, MD	Hagerstown 1 E	2.51	1.17	1	8	1	25.97	0.0	0.0		0	0	0.0	30.30	29.70	2400
<b>Vaughn, Jim</b>	Washington, MD	Smithsburg 3 NE	3.01	0.85	25	8	0	25.28	0.0	0.0		0	0	0.0			2000
<i>WASHINGTON COUNTY, MD AVERAGE/EXTREMES</i>			2.76	1.17	1			25.64	0.0	0.0				0.0			
<b>Boggs, Kenny</b>	Worcester, MD	Whaleysville						21.88M						0.0			0730
<b>Wash Dulles NWS ASOS</b>	Loudon, VA	Dulles Airport	5.43	3.03	25	11	2	27.34	0.0	0.0		0	0	0.0			2400
<b>Wash National NWS</b>	Arlington, VA	National Airport	5.02	2.03	26	10	2	23.49	0.0	0.0		0	0	0.0			2400
<b>Papa, Brian</b>	Washington DC	DuPont Circle NW						8.52M						0.0			2400
<b>Rickell, Robert</b>	York, PA	Hanover 2 S, PA	4.49	1.51	20	8	2	19.55M	0.0	0.0		0	0	0.0			2100

Data not submitted for every category

M = Missing data

"+" = Also occurred on an earlier date(s)

> = Included in following days data.

Compiled by Gary Gallaher

09/19/1999