

**ACON MD / DE**  
**MARCH 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		-DER
										>=90	<=32	<=32	<=0									
<b>Baltimore NWS ASOS</b>	Anne Arundel	BWI Airport	51.5	32.1	41.8	74	17	18	8	0	1	18	0								2400	
<b>Hanson, Dan</b>	Anne Arundel	Millersville 1 SE	52.2	30.5	41.4	76	17	17	8	0	1	19	0	47	NW	18					2400	
<b>Jug Bay Wetlands</b>	Anne Arundel	Lothian	54.6	30.4	42.5	78	18	18	8	0	1	13	0								0900	
<i>ANNE ARUNDEL COUNTY, MD AVERAGE/EXTREMES</i>			52.8	31.0	41.9	78	18	17	8													
<b>Kreinik, Al</b>	Baltimore	Parkton 5 SW	50.2	29.9	40.1	72	31	15	8	0	1	21	0	48	NW	4	2	0	0	1	2200	
<b>Sharrow, Marty</b>	Baltimore	Owings Mills 2 SE	50.8	31.3	41.1	75	31	16	8	0	1	17	0	43	NW	4	2	0	0	0	2400	
<i>BALTIMORE COUNTY, MD AVERAGES/EXTREMES</i>			50.5	30.6	40.6	75	31	15	8					48	NW	4						
<b>Manfre, Joe</b>	Baltimore City	Baltimore 2 SE	53.5	37.0	45.3	78	17	21	8	0	1	10	0				2	0	0	2	1800	
<b>Maryland Science Ctr</b>	Baltimore City	Baltimore Inner Harbor	52.4	37.1	44.8	76	17	21	8	0	1	7	0								2400	
<i>BALTIMORE CITY, MD AVERAGES/EXTREMES</i>			53.0	37.1	45.0	78	17	21	8													
<b>Close Jr, Herb</b>	Carroll	Manchester 1 SW	48.0	30.3	39.2	71	31	12	8	0	2	18	0	55		3	2	0	0	2	2100	
<b>Hartsock, Ralph</b>	Carroll	Westminster 4 SSE	48.1	29.9	39.0	68	31	12	8	0	1	17	0	54	NW	18	2	0	0	0	2200	
<b>Miller, Bobby</b>	Carroll	Millers 4 NE	49.4	30.4	39.9	70	31	14	8	0	2	19	0	52	W	18	2	0	0	2	1800	
<b>Muller, Ray</b>	Carroll	Finksburg	-	-	-	-	-	-	-	-	-	-	-	45	NW	18	2	0	0	2	0700	
<i>CARROLL COUNTRY, MD AVERAGES/EXTREMES</i>			48.5	30.2	39.4	71	31	12	8					55		3						
<b>Brumback, Marty</b>	Charles	Bryans Head 2 SE	53.3	34.3	43.8	78	17	20	8	0	1	12	0	46		3					0600	
<b>Thomas, Jack</b>	Frederick	Thurmont, Middle Mt.	43.7	27.3	35.5	68	31	8	8	0	4	21	0				1	0	0	0	2200	
<b>Harvey, Rebecca</b>	Garrett, MD	Eagle Rock	43.3	21.4	32.4	69	31	-10	8	0	5	26	1								1300	
<b>Schlosser, Paul</b>	Harford, MD	Kingsville 1 S																			2200	
<b>Giannola, Rich</b>	Howard, MD	Laurel JHU / APL	51.1	33.0	42.1	75	17	16	8	0	2	18	0	48	SW	4					2400	
<b>Cohen, Rob</b>	Montgomery	Potomac 4 N	51.9	32.6	42.3	75	17	16	8	0	1	17	0				3	0	0	2	2100	
<b>Giannola, Rich</b>	Montgomery	Olney	50.2	30.0	40.1	72	31	15	8	0	2	17	0				1	0	0	1	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	51.9	29.9	40.9	74	17	13	8	0	1	21	0	32	W	4	1	0	0	0	2400	
<b>Terry, Joe</b>	Montgomery	Forest Glen	53.5	32.9	43.2	76	17	17	8	0	1	13	0	41		4	3	0	0	2	2400	
<b>Windolph, Raoul</b>	Montgomery	Dawsonville	-	-	-	-	-	-	-	-	-	-	-	-	-	-					2359	
<b>Wash Gas Light</b>	Montgomery	Rockville 1 NE	50.7	32.5	41.6	75	17	16	8	0	1	14	0				2	0	0	0	2400	
<i>MONTGOMERY COUNTY, MD AVERAGES/EXTREMES</i>			51.6	31.6	41.6	76	17	13	8					41		4						

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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
									>=90	<=32	<=32	<=0									
<b>Canavan, Jim</b>	New Castle	Wilmington 4 NNE	50.8	30.3	40.6	74	31	14	8	0	0	21	0				2	0	0	0	2400
<b>Gallaher, Gary</b>	New Castle	Bear 2 SW	51.0	31.8	41.4	72	31	18	8	0	1	19	0	44	SW	3	3	0	0	1	2400
<b>Wilmington NWS ASOS</b>	New Castle	NCC Airport	51.0	32.4	41.7	71	31	17	8	0	1	16	0	52	SE						2400
<i>NEW CASTLE COUNTY, DE AVERAGES/EXTREMES</i>			50.9	31.5	41.2	74	31	14	8					52	SE						
<b>Hudelson, Bill</b>	Prince Georges	South Bowie	51.4	33.3	42.4	73	31+	18	8	0	1	16	0	40	NW	7	3	0	0	2	2400
<b>Abell, Floyd</b>	St Marys, MD	Hollywood	53.7	33.3	43.5	77	18+	20	8	0	1	13	0	37		14	1	0	0	0	2359
<b>Bubb, Clinton</b>	St Marys, MD	Morganza	53.1	33.0	43.1	75	18+	21	8	0	1	14	0	39	NW	7+	2	0	0	0	2400
<b>Walchli, Marlene</b>	St Marys, MD	California 3 NW	55.0	33.0	44.0	78	18	21	8	0	1	14	0	32		4	1	0	0	1	2100
<b>Zyla, John</b>	St Mary's, MD	Ridge	55.6	35.6	45.6	79	18	22	8	0	0	10	0	37	SW	4	2	0	0	0	2400
<i>ST MARY'S COUNTY, MD AVERAGE/EXTREMES</i>			54.4	33.7	44.0	79	18	20	8					39	NW	7+					
<b>Keefer, Greg</b>	Washington, MD	Hagerstown 1 E	51.0	29.6	40.3	75	31	14	8	0	1	21	0	44	NW	18	2	0	0	0	2400
<b>Vaughn, Jim</b>	Washington, MD	Smithsburg 3 NE	49.1	29.2	39.2	70	31	10	8	0	1	20	0				1	1	0	0	2000
<i>WASHINGTON, MD AVERAGE/EXTREMES</i>			50.1	29.4	39.7	75	31	10	8												
<b>Boggs, Kenny</b>	Worcester, MD	Whaleysville	50.9	31.0	41.0	77	19	16	8	0	0	19	0								0730
<b>Wash Dulles NWS ASOS</b>	Loudon, VA	Dulles Airport	51.6	31.1	41.4	74	17	17	8	0	1	20	0								2400
<b>Wash National NWS</b>	Arlington, VA	National Airport	53.4	35.5	44.5	76	17	20	8	0	1	10	0								2400
<b>Papa, Brian</b>	Washington DC	DuPont Circle NW	54.7	39.5	47.1	76	16	24	23+	0	0	5	0				2	0	0	1	2400
<b>Rickell, Robert</b>	York, PA	Hanover 2 S	47.5	28.9	38.2	70	31	12	8	0	2	23	0				1	0	0	1	2100
<b><u>DATA RECEIVED SINCE LAST REPORT</u></b>																					
<b>FEBRUARY 1999</b>																					
<b>Canavan, Jim</b>	New Castle	Wilmington 4 NNE	44.9	27.5	36.2	67	12	10	23	0	2	20	0								2200

**ACON MD / DE**  
**MARCH 1999 PRECIPITATION**

OBSERVER	COUNTY/STATE	STATION	PRECIPITATION						SNOWFALL					BAROMETER		OBSER TIME	
			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>Baltimore NWS ASOS</b>	Anne Arundel	BWI Airport	3.46	1.11	21	12	1	10.81	7.6	4.6	9	3	2	15.1			2400
<b>Hanson, Dan</b>	Anne Arundel	Millersville 1 SE	3.87	1.57	21	13	1	11.09	4.0	3.0	9	2	2	9.4	30.65	29.19	2400
<b>Jug Bay Wetlands</b>	Anne Arundel	Lothian	5.49	1.56	15	15	2	13.05	5.5	5.5	10	1	1	7.7M			0900
<i>ANNE ARUNDEL COUNTY, MD AVERAGE/EXTREMES</i>			4.27	1.57	21			11.64	5.7	5.5	10			11.8			
<b>Kreinik, Al</b>	Baltimore	Parkton 5 SW	3.62	1.02	21	11	2	13.00	14.1	7.4	14	6	3	21.5	30.67	29.11	2200
<b>Sharrow, Marty</b>	Baltimore	Owings Mills 2 SE	3.46	1.06	21	12	1	12.08	12.3	6.9	14	5	3	21.1			2400
<i>BALTIMORE COUNTY, MD AVERAGES/EXTREMES</i>			3.54	1.06	21			12.52	13.2	7.4	14			21.4			
<b>Manfre, Joe</b>	Baltimore City	Baltimore 2 SE	3.36	1.07	21	11	1	10.51	5.7	2.9	14	4	2	13.3			1800
<b>Maryland Science Ctr</b>	Baltimore City	Baltimore Inner Harbor	3.82	1.19	21	12	1	11.47	-	-	-	-	-	-			2400
<i>BALTIMORE CITY, MD AVERAGES/EXTREMES</i>			3.59	1.19	21			11.18									
<b>Close Jr, Herb</b>	Carroll	Manchester 1 SW	3.90	1.05	4	10	2	12.64	17.8	8.3	14	5	4	25.6		29.15	2100
<b>Hartsock, Ralph</b>	Carroll	Westminster 4 SSE	3.43	1.01	14	9	1	12.19	15.0	7.3	14	4	3	23.1			2200
<b>Miller, Bobby</b>	Carroll	Millers 4 NE	3.30	0.84	4	12	0	12.36	18.0	6.3	14+	6	3	25.7	30.69	29.11	1800
<b>Muller, Ray</b>	Carroll	Finksburg	3.77	1.36	15	9	1	13.47	16.0	8.0	15	4	4	26.0			0700
<i>CARROLL COUNTY, MD AVERAGES/EXTREMES</i>			3.60	1.36	15			12.53	16.7	8.3	14			25.3			
<b>Brumback, Marty</b>	Charles, MD	Bryans Head 2 SE	4.87	1.56	21	12	2	13.59	-	-	-	-	-	3.3M			2000
<b>Thomas, Jack</b>	Frederick	Thurmont, Middle Mt.	3.51	1.19	3	8	1	13.47	24.0	11.0	14	5	4	34.5			2200
<b>Harvey, Rebecca</b>	Garrett, MD	Eagle Rock	8.08	2.42	4	15	3	16.14	57.5	13.0	4	13	10	114.9			1300
<b>Schlosser, Paul</b>	Harford, MD	Kingsville 1 S						9.90M						4.9M			2200
<b>Giannola, Rich</b>	Howard	Laurel JHU / APL	3.68	1.10	21	11	2	11.13	12.3	5.5	9	3	3	19.0	30.67	29.19	2400
<b>Cohen, Rob</b>	Montgomery	Potomac 4 N	4.13	1.20	14	10	1	13.34	15.4	8.2	9	5	4	21.7			2100
<b>Giannola, Rich</b>	Montgomery	Olney	4.02	1.52	14-15	9	1	12.44	17.8	7.5	10	3	3	25.0			2400
<b>Rossen, Stan</b>	Montgomery	Glenmont 1 NNE												2.0M			2400
<b>Rossen, Stan</b>	Montgomery	Rockville Mont College												2.3M			2400
<b>Shaw, Kevin</b>	Montgomery	Gaithersburg 2 WNW	4.11	1.33	14	12	1	12.94	17.0	7.4	9	5	4	25.1	30.64	29.14	2400
<b>Terry, Joe</b>	Montgomery	Forest Glen	3.96	1.18	14	11	1	12.17	13.1	7.4	9	5	3	19.0	30.70	29.24	2400
<b>Windolph, Raoul</b>	Montgomery	Dawsonville						4.76M						6.6M			2359
<b>Wash Gas Light</b>	Montgomery	Rockville 1 NE	3.95	1.23	14	10	1	12.37	18.8	8.5	9	4	4	26.4			2400
<i>MONTGOMERY COUNTY, MD AVERAGES/EXTREMES</i>			4.03	1.52	14-15			12.53	16.4	8.5	9			23.7			

**ACON MD / DE**  
**MARCH 1999 PRECIPITATION**

OBSERVER	COUNTY/STATE	STATION	PRECIPITATION						SNOWFALL					BAROMETER		OBSER TIME	
			TOTAL	MAX CAL DAY	DATE	DAYS >=.01"	DAYS >=1"	YEAR	TOTAL	MAX CAL DAY	DATE	DAYS >=0.1"	DAYS >=1.0"	SEASON	MAX		MIN
Canavan, Jim	New Castle	Wilmington 4 NNE	4.83	1.99	22	12	2	13.45	5.0	4.0	14	2	2	13.5			2400
Gallaher, Gary	New Castle	Bear 2 SW	4.32	1.72	21	14	1	13.14	5.8	5.0	14	5	1	14.0	30.66	29.13	2400
Wilmington NWS ASOS	New Castle	NCC Airport	3.96	1.70	21	11	2	12.89	-	-	-	-	-				2400
<i>NEW CASTLE COUNTY, DE AVERAGES/EXTREMES</i>			4.37	1.99	22			13.15	5.4	5.0	14			13.8			
Hudelson, Bill	Prince Georges	South Bowie	4.94	1.68	21	12	2	12.21	9.9	7.5	9	5	1	11.9	30.70	29.24	2400
Abell, Floyd	St Marys, MD	Hollywood	4.23	1.50	14	12	2	11.20	5.7	5.5	9	2	1	7.3			2359
Bubb, Clinton	St Marys, MD	Morganza	4.42	1.50	14	12	2	11.38	5.8	5.5	9	3	1	6.9	30.67	29.24	2400
Walchli, Marlene	St Marys, MD	California	4.60	1.13	21	13	2	12.99	5.5	4.7	9	2	1	7.2	30.60	29.25	2100
Zyla, John	St Mary's, MD	Ridge	4.95	1.75	14	14	1	13.70	5.5	5.0	9	2	1	7.1	30.62	29.40	2400
<i>ST MARY'S COUNTY, MD AVERAGE/EXTREMES</i>			4.55	1.75	14			12.32	5.6	5.5	9			7.2			
Keefer, Greg	Washington, MD	Hagerstown 1 E	4.47	1.42	14	7	2	13.48	22.3	12.4	14	3	3	32.1	30.73	29.16	2400
Vaughn, Jim	Washington, MD	Smithsburg 3 NE	4.38	1.25	14	10	2	12.62	22.9	12.5	14	6	4	32.0			2000
<i>WASHINGTON COUNTY, MD AVERAGE/EXTREMES</i>			4.43	1.42	14			13.06	22.6	12.5	14			31.7			
Boggs, Kenny	Worcester, MD	Whaleysville	4.90	2.40	15	8	2	13.10	3.8	3.8	10	1	1	5.3	30.52	29.40	0730
Wash Dulles NWS ASOS	Loudon, VA	Dulles Airport	3.44	0.99	14	9	0	11.45	14.6	8.9	9	4	3	20.2			2400
Wash National NWS	Arlington, VA	National Airport	3.87	1.26	21	10	2	11.84	8.7	8.4	9	2	1	11.6			2400
Papa, Brian	Washington DC	DuPont Circle NW	3.54	1.25	28	10	1	4.65M	10.0	9.4	24	3	1	10.2M			2400
Rickell, Robert	York, PA	Hanover 2 S, PA	3.83	0.95	14	11	0	3.83M	17.0	8.0	14	5	4	17.0M			2100

**DATA RECEIVED SINCE LAST REPORT**

**FEBRUARY 1999**

Canavan, Jim	New Castle	Wilmington 4 NNE	2.78	0.95	2	11	0	8.59	1.0	1.0	14	1	1	8.3			
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Correction: Snowfall for JHU / APL at Laurel last month was 0.25" (0.3") not 2.5" as reported.

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

04/19/1999