

**ACON MD / DE**  
**FEBRUARY 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	
										>=90	<=32	<=32	<=0								
<b>Baltimore NWS ASOS</b>	Anne Arundel	BWI Airport	47.3	27.9	37.6	73	12	16	1	0	2	22	0								2400
<b>Hanson, Dan</b>	Anne Arundel	Millersville 1 SE	46.9	26.3	36.6	73	12	15	1	0	2	23	0	34	NW	12+					2400
<b>Jug Bay Wetlands</b>	Anne Arundel	Lothian	49.4	26.0	37.7	73	13	13	23	0	1	23	0								0900
<i>ANNE ARUNDEL COUNTY, MD AVERAGES/EXTREMES</i>			47.9	26.7	37.3	73	13+	13	23												
<b>Kreinik, Al</b>	Baltimore	Parkton 5 SW	46.6	25.5	36.1	73	12	10	23	0	2	24	0	42	NNW	13	1	0	0	1	2200
<b>Sharrow, Marty</b>	Baltimore	Owings Mills 2 SE	46.0	27.3	36.7	71	12	12	23	0	2	22	0	36	NW	5	1	0	0	6	2400
<i>BALTIMORE COUNTY, MD AVERAGES/EXTREMES</i>			46.3	26.4	36.4	73	12	10	23					42	NNW	13					
<b>Manfre, Joe</b>	Baltimore City	Baltimore 2 SE	48.8	34.4	41.6	72	12	20	23+	0	1	10	0				1	0	0	2	1800
<b>Maryland Science Ctr</b>	Baltimore City	Baltimore Inner Harbor	47.8	34.2	41.0	74	12	19	23	0	2	10	0								2400
<i>BALTIMORE CITY, MD AVERAGES/EXTREMES</i>			48.3	34.3	41.3	74	12	19	23												
<b>Close Jr, Herb</b>	Carroll	Manchester 1 SW	45.2	27.6	36.4	70	12	10	23	0	2	20	0	44		5	1	0	2	3	2100
<b>Hartsock, Ralph</b>	Carroll	Westminster 4 SSE	44.8	26.4	35.6	70	12	9	23	0	2	20	0	45	NW	13	1				2200
<b>Miller, Bobby</b>	Carroll	Millers 4 NE	45.8	26.7	36.3	71	12	10	23	0	2	21	0	41	S	12	1	0	2	1	1800
<b>Muller, Ray</b>	Carroll	Finksburg	46.9	26.2	36.6	72	12	13	23	0	2	23	0	40	WNW	12					2200
<b>Rickell, Robert</b>	Carroll	Union Mills 2 SE																			2100
<i>CARROLL COUNTY, MD AVERAGES/EXTREMES</i>			45.7	26.7	36.2	72	12	9	23					45	NW	13					
<b>Brumback, Marty</b>	Charles	Bryans Head 2 SE	49.5	31.2	40.4	74	12	19	1	0	1	16	0								2000
<b>Thomas, Jack</b>	Frederick	Thurmont, Middle Mt.	41.0	25.3	33.2	66	12	9	23	0	6	19	0				0	0			2200
<b>Harvey, Rebecca</b>	Garrett, MD	Eagle Rock	42.5	22.1	32.3	70	12	0	22	0	7	23	1								1300
<b>Schlosser, Paul</b>	Harford, MD	Kingsville 1 S	45.9	28.1	37.0	67	12	12	23	0	2	19	0				1	0	0	2	2200
<b>Giannola, Rich</b>	Howard, MD	Laurel JHU / APL	47.5	29.3	38.4	72	12	16	23	0	3	21	0	39	SSE	12	1	0	0	0	2400
<b>Cohen, Rob</b>	Montgomery	Potomac 4 N	47.7	29.0	38.4	73	12	18	23	0	2	18	0				2	0	0	1	2100
<b>Giannola, Rich</b>	Montgomery	Olney	48.5	27.0	37.8	73	12	14	23	0	2	17	0				1	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	47.4	25.7	36.6	72	12	14	23+	0	1	22	0	30		4	1	0	0	0	2400
<b>Terry, Joe</b>	Montgomery	Forest Glen	49.8	30.1	40.0	73	12	18	23	0	1	17	0	36		12	2	0	0	0	2400
<b>Windolph, Raoul</b>	Montgomery	Dawsonville	-	-	-	-	-	-	-	-	-	-	-								2359
<b>Wash Gas Light</b>	Montgomery	Rockville 1 NE	46.8	29.3	38.1	72	12	16	1	0	3	18	0				2	0	0	0	2400
<i>MONTGOMERY COUNTY, MD AVERAGES/EXTREMES</i>			48.0	28.2	38.1	73		14	23+						46	NW	12				
<b>Canavan, Jim</b>	New Castle	Wilmington 4 NNE																			2400
<b>Gallaher, Gary</b>	New Castle	Bear 2 SW	46.0	26.8	36.4	71	12	14	23+	0	2	24	0	45	NW	12	1	0	0	2	2400
<b>Wilmington NWS ASOS</b>	New Castle	NCC Airport	45.9	27.8	36.9	71	12	14	23	0	2	20	0	46	NW	12					2400
<i>NEW CASTLE COUNTY, DE AVERAGES/EXTREMES</i>			46.0	27.3	36.6	71	12	14	23+					46	NW	12					

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**FEBRUARY 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									
Hudelson, Bill	Prince Georges	South Bowie	47.1	29.8	38.5	71	12	17	23	0	2	19	0	35	NW	12+	2	0	0	2	2400	
Abell, Floyd	St Marys, MD	Hollywood	50.1	30.0	40.1	72	12	18	23	0	0	18	0	31		12	2	0	0	0	2359	
Bubb, Clinton	St Marys, MD	Morganza	48.9	29.0	39.0	71	12	18	23	0	2	21	0	34	NNW	12	2	0	0	0	2400	
Walchli, Marlene	St Marys, MD	California	49.6	29.4	39.5	73	12	20	23	0	1	21	0	26		12	2	0	0	0	2100	
Zyla, John	St Mary's, MD	Ridge	50.5	34.0	42.3	72	12	23	23+	0	0	13	0	26		22	2	1	0	0	2400	
<i>ST MARY'S COUNTY, MD AVERAGE/EXTREMES</i>			49.8	30.6	40.2	73	12	18	23					34	NNW	12						
Keefer, Greg	Washington, MD	Hagerstown 1 E	46.9	26.8	36.9	72	12	13	23	0	1	21	0	50	W	4	0	0	0	2	2400	
Vaughn, Jim	Washington, MD	Smithsburg 3 NE	46.4	27.0	36.7	71	12	9	23	0	2	21	0				0	0	0	1	2000	
<i>WASHINGTON, MD AVERAGE/EXTREMES</i>			46.7	26.9	36.8	72	12	9	23													
Boggs, Kenny	Worcester, MD	Whaleysville	47.5	30.0	38.8	70	13	15	23	0	1	19	0				1	0	0	0	0730	
Wash Dulles NWS ASOS	Loudon, VA	Dulles Airport	48.1	26.9	37.5	74	12	16	1	0	2	19	0								2400	
Wash National NWS	Arlington, VA	National Airport	49.3	32.6	41.0	74	12	20	23	0	1	15	0								2400	
Papa, Brian	Washington DC	DuPont Circle NW ++	47.1	34.4	40.8	65	16	24	23+	0	0	5	0								2400	

**DATA RECEIVED SINCE LAST REPORT**

<b>JANUARY 1999</b>																					
Thomas, Jack	Frederick	Thurmont, Middle Mt.	37.0	22.8	29.9	61	28	4	6	0	12	24	0				0	0			2200

**ACON MD / DE**  
**FEBRUARY 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	2.65	0.71	18	12	0	7.35	0.6	0.6	24	1	0	7.5			
<b>Hanson, Dan</b>	Anne Arundel	Millersville 1 SE	2.61	0.71	18	12	0	7.22	0.4	0.4	24	1	0	5.4	30.69	29.38	2400
<b>Jug Bay Wetlands</b>	Anne Arundel	Lothian	2.25	0.97	18	13	0	7.56	0.2	0.2	24	1	0	2.2M			0900
<i>ANNE ARUNDEL COUNTY, MD AVERAGE/EXTREMES</i>			2.50	0.97	18			7.37	0.4	0.6	24			6.1			
<b>Kreinik, Al</b>	Baltimore	Parkton 5 SW	3.15	0.74	28	12	0	9.33	0.7	0.5	24	3	0	7.4	30.73	29.40	2200
<b>Sharrow, Marty</b>	Baltimore	Owings Mills 2 SE	3.08	0.90	18	11	0	8.62	0.3	0.3	24	1	0	8.8			2400
<i>BALTIMORE COUNTY, MD AVERAGES/EXTREMES</i>			3.12	0.90	18			8.98	0.5	0.5	24			8.2			
<b>Manfre, Joe</b>	Baltimore City	Baltimore 2 SE	2.42	0.63	2	11	0	7.15	0.4	0.4	24	1	0	7.6			1800
<b>Maryland Science Ctr</b>	Baltimore City	Baltimore Inner Harbor	2.61	0.66	18	11	0	8.01	-	-	-	-	-	-			2400
<i>BALTIMORE CITY, MD AVERAGES/EXTREMES</i>			2.52	0.66	18			7.59									
<b>Close Jr, Herb</b>	Carroll	Manchester 1 SW	3.14	0.89	2	11	0	8.74	0.6	0.3	24	3	0	7.8			2100
<b>Hartsock, Ralph</b>	Carroll	Westminster 4 SSE	3.01	0.83	2	9	0	8.76	0.4	0.3	24	2	0	8.1			2200
<b>Miller, Bobby</b>	Carroll	Millers 4 NE	2.96	0.95	2	11	0	9.06	1.1	0.5	7	3	0	7.7	30.74	29.39	1800
<b>Muller, Ray</b>	Carroll	Finksburg	3.34	0.90	2	10	0	9.70	0.3	0.3	24	1	0	10.0	30.76	29.39	2200
<b>Rickell, Robert</b>	Carroll	Union Mills 2 SE						5.26M						8.6M			2100
<i>CARROLL COUNTRY, MD AVERAGES/EXTREMES</i>			3.11	0.95	2			8.93	0.6	0.5	7			8.6			
<b>Brumback, Marty</b>	Charles, MD	Bryans Head 2 SE	3.00	0.94	18	11	0	8.72	T	T	24+	0	0	3.3			2000
<b>Thomas, Jack</b>	Frederick	Thurmont, Middle Mt.	3.30	0.59	2	11	0	9.98	1.5	1.0	24	2	1	10.5	30.60	29.31	2200
<b>Harvey, Rebecca</b>	Garrett, MD	Eagle Rock	2.86	0.65	8	17	0	8.06	10.4	3.0	13	9	6	57.4			1300
<b>Schlosser, Paul</b>	Harford, MD	Kingsville 1 S	3.58	0.85	2	10	0	9.90	0.1	0.1	24	1	0	4.9M			2200
<b>Giannola, Rich</b>	Howard	Laurel JHU / APL	2.79	0.75	18	11	0	7.45	3.0	2.5	25	2	1	9.0			2400
<b>Cohen, Rob</b>	Montgomery	Potomac 4 N	3.35	0.93	18	12	0	9.21	0.6	0.4	24	2	0	6.3			2100
<b>Giannola, Rich</b>	Montgomery	Olney	2.81	1.01	18	10	1	8.42	1.0	0.5	25+	2	0	7.3			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	3.00	0.72	18	13	0	8.83	0.8	0.4	25	3	0	8.1	30.51	29.34	2400
<b>Terry, Joe</b>	Montgomery	Forest Glen	2.80	0.74	28	12	0	8.21	0.9	0.4	25+	3	0	5.9	30.70	29.46	2400
<b>Windolph, Raoul</b>	Montgomery	Dawsonville						4.76M						6.6M			2359
<b>Wash Gas Light</b>	Montgomery	Rockville 1 NE	2.65	0.68	18	12	0	8.42	1.2	0.5	25+	3	0	7.6			2400
<i>MONTGOMERY COUNTY, MD AVERAGES/EXTREMES</i>			2.92	1.01	18			8.50	0.9	0.5				7.3			
<b>Canavan, Jim</b>	New Castle	Wilmington 4 NNE						5.81M						7.5M			2400
<b>Gallagher, Gary</b>	New Castle	Bear 2 SW	3.52	0.83	18	11	0	8.82	0.5	0.3	7	3	0	8.2	30.74	29.36	2400
<b>Wilmington NWS ASOS</b>	New Castle	NCC Airport	3.51	0.87	18	10	0	8.93	-	-	-	-	-	-			2400
<i>NEW CASTLE COUNTY, DE AVERAGES/EXTREMES</i>			3.52	0.87	18			9.03						8.1			

**ACON MD / DE  
FEBRUARY 1999 PRECIPITATION**

OBSERVER	COUNTY/STATE	STATION	PRECIPITATION						SNOWFALL						BAROMETER		OBSER TIME
			TOTAL	MAX CAL DAY	DATE >=.01"	DAYS >=1"	DAYS >=1"	YEAR	TOTAL	MAX CAL DAY	DATE >=0.1"	DAYS >=1.0"	DAYS >=1.0"	SEASON	MAX	MIN	
Hudelson, Bill	Prince Georges	South Bowie	2.19	0.93	18	11	0	7.27	0.3	0.3	24	1	0	2.3	30.75	29.44	2400
<b>Abell, Floyd</b>	St Marys, MD	Hollywood	2.49	0.76	28	10	0	6.97	0.7	0.7	25	1	0	2.3			2359
<b>Bubb, Clinton</b>	St Marys, MD	Morganza	2.51	0.73	28	10	0	6.98	0.3	0.3	25	1	0	1.4	30.72	29.40	2400
<b>Walchli, Marlene</b>	St Marys, MD	California	3.22	1.23	28	10	1	8.39	0.7	0.7	25	1	0	2.4	30.67	29.33	2100
<b>Zyla, John</b>	St Mary's, MD	Ridge	2.87	0.82	28	11	0	8.75	1.4	0.8	25	2	0	3.0	30.60	29.36	2400
<i>ST MARY'S COUNTY, MD AVERAGE/EXTREMES</i>			2.77	1.23	28			7.77	0.8	0.8	25			2.4			
<b>Keefer, Greg</b>	Washington, MD	Hagerstown 1 E	2.62	0.59	28	12	0	9.01	0.3	0.2	23	2	0	9.8	30.69	29.43	2400
<b>Vaughn, Jim</b>	Washington, MD	Smithsburg 3 NE	2.45	0.53	2	12	0	8.24	0.6	0.3	25	4	0	9.1			2000
<i>WASHINGTON COUNTY, MD AVERAGE/EXTREMES</i>			2.54	0.59	28			8.63	0.5	0.3	25						
<b>Boggs, Kenny</b>	Worcester, MD	Whaleysville	1.95	0.60	8	8	0	8.20	1.0	1.0	24	1	1	2.5			0730
<b>Wash Dulles NWS ASOS</b>	Loudon, VA	Dulles Airport	2.62	0.62	18	12	0	8.02	0.9	0.5	23	2	0	5.6			2400
<b>Wash National NWS</b>	Arlington, VA	National Airport	2.54	0.68	28	11	0	7.96	0.2	0.2	23	1	0	2.9			2400
<b>Papa, Brian</b>	Washington DC	DuPont Circle NW ++	1.44	0.66	28	6	0	1.44M	0.2	0.2	24	1	0	0.2M			2400

**DATA RECEIVED SINCE LAST REPORT**

			JANUARY 1999														
<b>Thomas, Jack</b>	Frederick	Thurmont, Middle Mt.	6.68	1.65	2	11	4	6.68	6.5	4.5	8	2	2				

Data not submitted for every category

M = Missing data

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

> = Included in following days data.

\*\* = ASOS gauge malfunction

"++" Data for DuPont Circle NW, Wash DC began 2/15/99

Compiled by Gary Gallaher  
03/15/1999