

ACON MD / DE
JANUARY 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				-DER				
Baltimore NWS ASOS	Anne Arundel	BWI Airport	44.6	25.5	35.1	68	28+	7	6	0	7	26	0								2400
Hanson, Dan	Anne Arundel	Millersville 1 SE	44.1	24.6	34.4	67	28	6	6	0	7	26	0	38	NW+	18+	1				2400
Jug Bay Wetlands	Anne Arundel	Lothian	48.6	26.0	37.3	73	24	5	6	0	3	24	0								0900
<i>ANNE ARUNDEL COUNTY, MD AVERAGE/EXTREMES</i>			45.8	25.4	35.6	73	24	5	6												
Kreinik, Al	Baltimore	Parkton 5 SW	42.5	23.4	33.0	67	23	4	6	0	10	27	0	55	NNW	18	1	0	7	2	2200
Sharrow, Marty	Baltimore	Owings Mills 2 SE	43.0	24.4	33.7	66	28	7	6	0	10	26	0	40	NW	18	2	0	4	3	2400
<i>BALTIMORE COUNTY, MD AVERAGES/EXTREMES</i>			42.8	23.9	33.3	67	23	4	6												
Manfre, Joe	Baltimore City	Baltimore 2 SE	46.3	32.2	39.3	69	28	18	5+	0	5	16	0				1	0	5	3	1800
Maryland Science Ctr	Baltimore City	Baltimore Inner Harbor	45.8	31.7	38.8	69	28	18	6+	0	7	16	0								2400
<i>BALTIMORE CITY, MD AVERAGES/EXTREMES</i>			46.1	32.0	39.0	69	28	18	6+												
Close Jr, Herb	Carroll	Manchester 1 SW	40.8	24.4	32.6	64	28+	8	6+	0	10	22	0	54		18	2	0	5	6	2100
Hartsock, Ralph	Carroll	Westminster 4 SSE	40.2	23.7	32.0	64	28+	4	6	0	10	25	0	54	W	18	1	0	3	3	2200
Miller, Bobby	Carroll	Millers 4 NE	42.0	24.1	33.1	65	23	4	6	0	8	23	0	40	NW	18	1	0	7	6	1800
Muller, Ray	Carroll	Finksburg	42.4	22.8	32.6	66	28+	6	6	0	10	27	0	50	W	18	2	0	5	6	2200
Rickell, Robert	Carroll	Union Mills 2 SE	38.8	23.5	31.2	63	28+	6	6	0	12	25	0				0	0	5	5	2100
<i>CARROLL COUNTY, MD AVERAGES/EXTREMES</i>			40.8	23.7	32.3	66	28+	4	6												
Brumback, Marty	Charles	Bryans Road 2 SE	-	-	-																2000
Thomas, Jack	Frederick	Thurmont, Middle Mt.																		2200	
Harvey, Rebecca	Garrett, MD	Eagle Rock	38.9	18.9	28.9	64	24	-4	6+	0	10	27	5								1300
Schlosser, Paul	Harford, MD	Kingsville 1 S	43.7	26.2	35.0	68	28+	8	6	0	7	24	0				0	0	4	3	2200
Giannola, Rich	Howard, MD	Laurel JHU / APL	44.6	27.0	35.8	68	28+	8	6	0	12	23	0	44	SW	18	1	0	4		2400
Cohen, Rob	Montgomery	Potomac 4 N	43.9	26.6	35.3	68	23	8	6	0	9	24	0				1	0	5	3	2100
Giannola, Rich	Montgomery	Olney	43.6	25.5	34.6	69	23	7	6	0	8	24	0								2400
Holden, Richard	Montgomery	Clarksburg 2ENE	42.7	26.6	34.7	69	23	11	6	0	10	20	0				0	0	6	4	2400
Rossen, Stan	Montgomery	Glenmont 1 NNE																		2400	
Rossen, Stan	Montgomery	Rockville Mont College																		2400	
Shaw, Kevin	Montgomery	Gaithersburg 2 WNW	44.0	23.9	34.0	69	23	3	6	0	8	27	0	25	NNW	24	0	0	5	2	2400
Terry, Joe	Montgomery	Forest Glen	46.5	27.9	37.2	73	23	11	6	0	4	21	0	37		3	1	0	4	2	2400
Windolph, Raoul	Montgomery	Dawsonville	-	-	-	-	-	-	-	-	-	-	-				0	0	4	3	2359
Wash Gas Light	Montgomery	Rockville 1 NE	44.3	27.5	35.9	70	23	7	6	0	7	21	0				1	0	4	1	2400
<i>MONTGOMERY COUNTY, MD AVERAGES/EXTREMES</i>			44.2	26.3	35.3	73	23	3	6												

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JANUARY 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				-DER				
Canavan, Jim	New Castle	Wilmington 4 NNE	40.6	25.8	33.2	63	23	7	6	0	11	22	0				1	0	2		2400
Gallaher, Gary	New Castle	Bear 2 SW	43.2	24.6	33.9	66	24	7	6	0	9	26	0	55	WNW	18	1	0	4	1	2400
Wilmington NWS ASOS	New Castle	NCC Airport	43.1	26.5	34.8	65	23	13	6+	0	9	23	0	61	SW	18	1				2400
<i>NEW CASTLE COUNTY, DE AVERAGES/EXTREMES</i>			42.3	25.6	34.0	66	24	7	6						61	SW	18				
Hudelson, Bill	Prince Georges	South Bowie	43.9	27.5	35.7	70	23	8	6	0	8	22	0	41	NW	18	1	0	6	1	2400
Abell, Floyd	St Marys, MD	Hollywood	50.0	29.5	39.8	73	23	8	6	0	2	20	0	46		3	0	0	2	2	2359
Bubb, Clinton	St Marys, MD	Morganza	48.4	28.7	38.6	72	23	8	6	0	2	20	0	34	NW	18	1	0	4	2	2400
Walchli, Marlene	St Marys, MD	California	49.0	28.6	38.8	72	23	8	6	0	2	23	0	25		18	0	0	1	1	2100
Zyla, John	St Mary's, MD	Ridge	50.2	33.5	41.9	72	28	18	6	0	2	14	0	32	W	18	0	0	0	1	2400
<i>ST MARY'S COUNTY, MD AVERAGE/EXTREMES</i>			49.4	30.1	39.7	73	23	8	6						46		3				
Keefer, Greg	Washington, MD	Hagerstown 1 E	41.6	23.0	32.3	67	28	4	6	0	9	27	0	36	W	18	0	0	7	7	2400
Vaughn, Jim	Washington, MD	Smithsburg 3 NE	41.3	23.3	32.3	66	23	4	7+	0	9	24	0				0	0	4	5	2000
<i>WASHINGTON, MD AVERAGE/EXTREMES</i>			41.5	23.2	32.3	67	28	4	7+												
Boggs, Kenny	Worcester, MD	Whaleysville	49.9	30.5	40.2	71	24	8	6	0	3	17	0								0730
Wash Dulles NWS ASOS	Loudon, VA	Dulles Airport	45.1	24.7	34.9	71	23	4	6	0	7	26	0								2400
Wash National NWS	Arlington, VA	National Airport	46.4	29.9	38.2	71	23	16	6	0	7	19	0								2400
DATA RECEIVED SINCE LAST REPORT																					
OCTOBER 1998																					
Rossen, Stan	Montgomery	Glenmont 1 NNE	68.5	46.7	57.6	82	18	34	23	0	0	0	0	18	N	30	0	0	0	0	2400
NOVEMBER 1998																					
Rossen, Stan	Montgomery	Glenmont 1 NNE	59.7	33.5	46.6	76	29	24	5	0	0	10	0	37	SW	10	1	0	0	0	2400
DECEMBER 1998																					
Rossen, Stan	Montgomery	Glenmont 1 NNE	52.4	31.4	41.9	79	7+	11	26	0	3	19	0	37	NW	22	0	0	0	0	2400
Rossen, Stan	Montgomery	Rockville Mont College	52.4	37.6	45.0	79	7+	18	26	0	2	9	0	48	NW	30	0	0	0	1	2400
Windolph, Raoul	Montgomery	Dawsonville	-	-	-	-	-	-	-	-	-	-	-				0	0	0	0	2400

ACON MD / DE
JANUARY 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	
Baltimore NWS ASOS	Anne Arundel	BWI Airport	4.70	1.43	3	10	2	4.70	3.9	3.9	8	1	1	6.9		2400
Hanson, Dan	Anne Arundel	Millersville 1 SE	4.61	1.49	3	13	1	4.61	3.0	3.0	8	1	1	5.0	30.79 29.57	2400
Jug Bay Wetlands	Anne Arundel	Lothian	5.28	1.20	24	18	2	5.28	2.0	2.0	9		1	2.0 M		0900
<i>ANNE ARUNDEL COUNTY, MD AVERAGE/EXTREMES</i>			4.86	1.49	3			4.86	3.0	3.9	8			5.5		
Kreinik, Al	Baltimore	Parkton 5 SW	6.18	1.59	3	13	2	6.18	6.0	4.0	8	4	2	6.7	30.84 29.59	2200
Sharrow, Marty	Baltimore	Owings Mills 2 SE	5.54	1.64	3	11	2	5.54	6.1	6.0	8	2	1	8.5		2400
<i>BALTIMORE COUNTY, MD AVERAGES/EXTREMES</i>			5.86	1.64	3			5.86	6.1	6.0				7.7		
Manfre, Joe	Baltimore City	Baltimore 2 SE	4.73	1.53	3	11	1	4.73	4.2	4.2	8	1	1	7.2		1800
Maryland Science Ctr	Baltimore City	Baltimore Inner Harbor	5.40	1.68	3	10	1	5.40	-	-	-	-	-	-		2400
<i>BALTIMORE CITY, MD AVERAGES/EXTREMES</i>			5.07	1.68	3			5.07								
Close Jr, Herb	Carroll	Manchester 1 SW	5.60	1.51	3	13	2	5.60	6.3	4.0	8	5	2	7.2		2100
Hartsock, Ralph	Carroll	Westminster 4 SSE	5.75	1.66	3	11	3	5.75	6.5	5.0	8	4	1	7.7		2200
Miller, Bobby	Carroll	Millers 4 NE	6.09	1.60	3	14	2	6.09	6.0	3.8	8	4	2	6.6	30.84 29.60	1800
Muller, Ray	Carroll	Finksburg	6.36	1.56	3	12	3	6.36	7.6	5.3	8	4	2	9.7	30.82 29.56	2200
Rickell, Robert	Carroll	Union Mills 2 SE	5.26	1.59	3	12	1	5.26	7.6	5.0	8	4	2	8.6		2100
<i>CARROLL COUNTRY, MD AVERAGES/EXTREMES</i>			5.81	1.66	3			5.81	6.8	5.3	8			8.0		
Brumback, Marty	Charles, MD	Bryans Road 2 SE	5.72	1.72	24	10	2	5.72	2.5	2.5	8	1	1	3.3		2000
Thomas, Jack	Frederick	Thurmont, Middle Mt.												2.5M		2200
Harvey, Rebecca	Garrett, MD	Eagle Rock	5.20	0.85	15	23	0	5.20	34.0	8.0	7	18	15	47.0		1300
Schlosser, Paul	Harford, MD	Kingsville 1 S	6.32	1.66	3	14	2	6.32	4.8	4.5	8	2	1	4.8M		2200
Giannola, Rich	Howard	Laurel JHU / APL	4.66	1.43	3	11	2	4.66	4.0	4.0	8	1	1	6.0		2400
Cohen, Rob	Montgomery	Potomac 4 N	5.86	1.60	3	11	2	5.86	3.8	3.8	8	1	1	5.7		2100
Giannola, Rich	Montgomery	Olney	5.61	1.57	8 / 9	9	3	5.61	4.0	4.0	8 / 9	1	1	6.3		2400
Holden, Richard	Montgomery	Clarksburg 2ENE	5.83	1.50	3	13	2	5.83	5.8	1.5	8 / 9	13	2	9.1	30.82 29.62	2400
Rossen, Stan	Montgomery	Glenmont 1 NNE												2.0M		2400
Rossen, Stan	Montgomery	Rockville Mont College												2.3M		2400
Shaw, Kevin	Montgomery	Gaithersburg 2 WNW	5.82	1.49	3	12	1	5.82	4.9	3.8	8	3	1	7.3	30.68 29.48	2400
Terry, Joe	Montgomery	Forest Glen	5.41	1.52	3	11	2	5.41	3.7	3.3	8	4	1	5.0	30.82 29.64	2400
Windolph, Raoul	Montgomery	Dawsonville	4.76	1.25	3	12	1	4.76	4.6	4.4	8	2	1	6.6		2359

**ACON MD / DE
JANUARY 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
Wash Gas Light	Montgomery	Rockville 1 NE	5.77	1.40	3	12	2	5.77	5.0	5.0	8	1	1	6.4		2400	
<i>MONTGOMERY COUNTY, MD AVERAGES/EXTREMES</i>			5.58	1.60	3			5.58	4.5	5.0				6.4			
Canavan, Jim	New Castle	Wilmington 4 NNE	5.81	1.75	3	13	2	5.81	5.5	4.0	8	2	2	7.5		2400	
Gallaher, Gary	New Castle	Bear 2 SW	5.30	1.52	3	11	1	5.30	4.7	3.8	8	3	1	7.7	30.88	29.58	2400
Wilmington NWS ASOS	New Castle	NCC Airport	5.42	1.44	3	15	4	5.42	-	-	-	-	-			2400	
<i>NEW CASTLE COUNTY, DE AVERAGES/EXTREMES</i>			5.51	1.75	3			5.51	5.1	4.0				7.6			
Hudelson, Bill	Prince Georges	South Bowie	5.08	1.50	3	11	2	5.08	2.0	2.0	8	1	1	2.0	30.84	29.63	2400
Abell, Floyd	St Marys, MD	Hollywood	4.48	1.44	3	8	2	4.48	0.5	0.5	8	1	0	1.6	30.81	29.65	2359
Bubb, Clinton	St Marys, MD	Morganza	4.47	1.38	24	8	2	4.47	0.5	0.5	8	1	0	1.1			2400
Walchli, Marlene	St Marys, MD	California	5.17	1.77	3	7	2	5.17	0.3	0.3	8	1	0	1.7	30.71	29.53	2100
Zyla, John	St Mary's, MD	Ridge	5.88	2.72	3	8	2	5.88	T	T	2	0	0	1.6	30.80	29.62	2400
<i>ST MARY'S COUNTY, MD AVERAGE/EXTREMES</i>			5.00	2.72	3			5.00	0.4	0.5	8			1.6	30.81	29.53	
Keefer, Greg	Washington, MD	Hagerstown 1 E	6.39	1.43	3	13	2	6.40	8.8	4.5	8	5	3	9.5	30.81	29.59	2400
Vaughn, Jim	Washington, MD	Smithsburg 3 NE	5.75	1.35	3	13	2	5.75	7.3	3.5	8	5	3	8.5			2000
<i>WASHINGTON COUNTY, MD AVERAGE/EXTREMES</i>			6.07	1.43	3			6.07	8.1	4.5	8			9.1			
Boggs, Kenny	Worcester, MD	Whaleysville	5.75	1.50	4	12	2	5.75	T	T	1	0	0	1.5	30.72	29.75	0730
Wash Dulles NWS ASOS	Loudon, VA	Dulles Airport	5.39	1.37	3	13	2	5.40	4.1	3.8	8	2	1	4.7			2400
Wash National NWS	Arlington, VA	National Airport	5.42	1.25	24	11	2	5.42	2.2	2.2	8	1	1	2.7			2400

DATA RECEIVED SINCE LAST REPORT

			OCTOBER 1998														
OBSERVER	COUNTY/STATE	STATION	TOTAL	MAX CAL DAY	DATE	DAYS >=.01"	DAYS >=1"	YEAR	TOTAL	MAX CAL DAY	DATE	DAYS >=0.1"	DAYS >=1.0"	SEASON	BAROMETER MAX	BAROMETER MIN	OBSER TIME
Rossen, Stan	Montgomery	Glenmont 1 NNE	1.33	1.23	8	5	1	35.28	0.0	0.0		0	0	0.0	30.44	29.72	2400
			NOVEMBER 1998														
Rossen, Stan	Montgomery	Glenmont 1 NNE	1.13	0.63	23	0	0	36.41	0.0	0.0		0	0	0.0	30.49	29.75	2400
			DECEMBER 1998														
Rossen, Stan	Montgomery	Glenmont 1 NNE	1.56	0.52	8	12	0	37.97	2.0	1.9	23	2	1	2.0	30.67	29.53	2400
Rossen, Stan	Montgomery	Rockville Mont College	1.30	0.50	8	11	0	35.68	2.3	2.0	23	2	1	2.3	30.62	29.56	2400
Windolph, Raoul	Montgomery	Dawsonville	1.53	0.61	8	9	0	39.60	2.0	1.8	23	2	1	2.0			2400

Data not submitted for every category

M = Missing data E = Estimated

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

> = Included in following days data.

Compiled by Gary Gallaher

02/21/1999