

Feb - 2009		February - 2009																																							
Obs. 2400 EDT		GAITHERSBURG 2 (WNW MARYLAND) ELEVATION 380 FT LAT. 39.15 N LONG. 77.23 W STAT. ID MDGA MWCR ID 14507																																							
		1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22																																							
Feb 2009	Day of Week	TEMPERATURE °F					HEATING COOLING		Precipitation		Frozen Precip.		SKY	Number of Days					MAX TEMP	NUM. DAYS	February - 2009 DAILY REMARKS																				
		MAX.	MIN.	2400	RANGE	MEAN	DEG. DAY	DEG. DAY	2400	0800	NEW	On Ground	Cover	Sleet	Glaze	Fog	Haze	Thunder	TEMP	DAYS																					
Feb-01	Sun	59	22	37	37	40.5	24.5	0.0			T	0									<=100	28	Sunny, cold early AM - much warmer midday and afternoon																		
Feb-02	Mon	52	29	33	23	40.5	24.5	0.0	0.03		T	1									<=95	28	Sunny early, increasing clouds most of day, RA-, S-(grass) eve																		
Feb-03	Tue	39	28	28	11	33.5	31.5	0.0	0.01		0.2	2									<=90	28	Mostly cloudy, some sun, light snow AM																		
Feb-04	Wed	33	21	21	12	27.0	38.0	0.0	T		T	1									<=85	28	Cloudy, light snow/flurries AM, Clearing pm, cold																		
Feb-05	Thu	25	13	15	12	19.0	46.0	0.0			T	0									<=80	28	Sunny, quite cold, coldest February day this year																		
Feb-06	Fri	43	14	26	29	28.5	36.5	0.0			T	0									<=75	28	Sunny, cold AM, milder afternoon/PM																		
Feb-07	Sat	62	23	49	39	42.5	22.5	0.0				0									<=70	28	Sunny, warmer																		
Feb-08	Sun	64	36	36	28	50.0	15.0	0.0				0									<=65	27	Sunny, warm, cooling off evening																		
Feb-09	Mon	53	26	39	27	39.5	25.5	0.0				0									<=60	24	Sunny, a bit cooler																		
Feb-10	Tue	57	36	45	21	46.5	18.5	0.0				2									<=55	20	Mostly cloudy, mild, RA late afternoon																		
Feb-11	Wed	68	42	55	26	55.0	10.0	0.0	0.01			1									<=50	17	Partly sunny, warm - brief windy RA about 10 PM																		
Feb-12	Thu	57	46	46	11	51.5	13.5	0.0	0.10			0									<=45	13	Mostly sunny, very windy still mild but a bit cooler																		
Feb-13	Fri	49	31	31	18	40.0	25.0	0.0				0									<=40	7	Sunny, cooling off a bit more, still breezy																		
Feb-14	Sat	45	27	34	18	36.0	29.0	0.0	T			2									<=35	3	Mostly cloudy, a bit cooler																		
Feb-15	Sun	41	29	33	12	35.0	30.0	0.0				1									<=32	1	Partly cloudy, seasonable.																		
Feb-16	Mon	39	30	30	9	34.5	30.5	0.0	T		T	1									<=30	1	Cloudy AM, light flurries, clearing PM, seasonable																		
Feb-17	Tue	42	24	34	18	33.0	32.0	0.0				0									<=25	1	Sunny, seasonable																		
Feb-18	Wed	46	32	45	14	39.0	26.0	0.0	0.15		0.3	2	1		1						<=20	0	Cloudy, light snow AM then IP then R- aft, cold AM, warmer PM																		
Feb-19	Thu	48	25	25	23	36.5	28.5	0.0	0.02			1									<=15	0	Cloudy, mild AM - breezy, colder PM, brief RA-																		
Feb-20	Fri	36	22	27	14	29.0	36.0	0.0				0									MIN. TEMP		Sunny, cold, wind slowly abates																		
Feb-21	Sat	44	21	37	23	32.5	32.5	0.0				0									<=80	28	Sunny, milder PM, clouds increase in evening as clipper approaches																		
Feb-22	Sun	41	29	29	12	35.0	30.0	0.0	0.01		T	1									<=75	28	Cloudy, S- shower, RA- AM, clearing midday, clouds at times																		
Feb-23	Mon	35	24	24	11	29.5	35.5	0.0	T		T	1									<=70	28	Partly cloudy, windy, cold, S- observed midday (flurries)																		
Feb-24	Tue	39	21	23	18	30.0	35.0	0.0				0									<=65	28	Sunny, less windy as day progresses, a bit milder, cold evening																		
Feb-25	Wed	50	19	36	31	34.5	30.5	0.0				1									<=60	28	Partly cloudy AM, Mostly sunny PM, milder																		
Feb-26	Thu	56	34	44	22	45.0	20.0	0.0				2									<=55	28	Cloudy AM, Partly cloudy PM, warmer																		
Feb-27	Fri	61	43	51	18	52.0	13.0	0.0	0.17			1									<=50	28	Partly cloudy, mild early AM, Cloudy PM, breezy, RA- evening																		
Feb-28	Sat	51	32	32	19	41.5	23.5	0.0	0.04		0.1	T	2	1							<=45	27	Cloudy, turning colder - Late evening IP, S- develops (9 PM-Mid)																		
																						<=40	25																		
																						<=35	23																		
																						<=32	23																		
TOTAL NUMBER		1335	779	965	556	1057.0	763.0	0.0	0.54	0.00	0.6	T	22	2	0	1	0	0			<=30	19	Monthly Summary - -																		
AVERAGE		47.68	27.82	34.46	19.86	37.75	27.3	0.0	9	0	3	7	0.79								<=25	12	Feb 2009 was a warm, exceedingly dry month. 8th warmest Feb on record.																		
MAXIMUM		68	46	55	39	55.0	46.0	0.0	0.17	0	0.3	T	0.00 = Totally Clear								<=20	3	Three daily high temp records set on the 7th, 8th, and 11th. High minimum																		
DATE OF MAX Second Date		2-11	2-12	2-11	2-07	2-11	2-05		2-27		2-18	T	1.00 = Partly Cloudy								<=15	2	records set on the 8th, 10th, 11th and 12th. Second driest February on																		
MINIMUM		25	13	15	9	19.0	10.0	0.0	(V) shows multiday amounts. no day split available		CLEAR DAYS	12	2.00 = Totally Cloudy								<=10	0	record, only surpassed by February 2002 when 0.44" fell. No																		
DATE OF MIN. Second Date		2-05	2-05	2-05	2-16	2-05	2-11				PARTLY CLOUDY	10									<=5	0	daily precipitation records were set. The anemic 0.6" monthly snowfall was																		
AVERAGE		42.8	22.5			32.6			3.11		8.5		Barometric Pressure extreme Max. was 30.46 on Feb. 5 based on midnight obs. data							<=0	0	actually only the sixth least snowy February on record. 2004 was the last time																			
Departures		4.9	5.3			5.2			-2.57		-7.9		Barometric Pressure extreme Min. was 29.46 on Feb. 18 based on midnight obs. data							<=-5	0	a lower monthly snowfall total was reached (0.1"). Record lowest																			
Days Max>=90°		0	0	Days Min>=70°		Total Precip. for 2009 = 3.12 Inches			Average 6.13 Inches															snowfall were trace amounts back in 1990 and 1991. Totals of days with maximums (1) and minimums of 32 (22) or less were																	
Days Max<=32°		1	22	Days Min<=32°		0800 Precip. Taken at the Request of NWS Sterling Hydrology Office																		fairly close to long term averages (3.7 and 24.3). Once again no																	
																																								monthly low temperature close to zero. I was not close to setting a	
																																									daily record low temperature during the month, a persistent trend lately. .