Jul - 2008

Obs. 2400 EDT

July - 2008

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
July 2008	Day of Week	TEMP. MAX.	TEMP. MIN.	MT TEMP. OBS.	TEMP. RANGE	TEMP. MEAN	HEATING DEG. DAY	COOLING DEG. DAY	PREC. 2400	PREC. 0800	FROZEN PRECIP.	SNOW ON GROUND	SKY Today	# Fogs	# Thunder	# Haze	# Hail	MAX TEMP	# DAYS	DAILY REMARKS
Jul-01	Tue	79	60	66	19	69.5	0.0	4.5					1					>=100	1	Partly cloudy, dry, not as warm - nice
Jul-02	Wed	83	60	68	23	71.5	0.0	6.5					1					>=95	1	Partly cloudy, a bit warmer - still low humidity
Jul-03	Thu	93	60	75	33	76.5	0.0	11.5					0					>=90	12	Sunny, hot most of day- increasing clouds in evening
Jul-04	Fri	81	68	69	13	74.5	0.0	9.5	0.09				2					>=85	22	Mostly cloudy, rain showers late afternoon, earl evening
Jul-05	Sat	87	68	74	19	77.5	0.0	12.5	0.04	0.13			1					>=80	30	Partly cloudy, warm, humid, morning light rain showers
Jul-06	Sun	83	69	72	14	76.0	0.0	11.0	0.03				2	1				>=75	31	Mostly cloudy, some sun, muggy, rain showers evening
Jul-07	Mon	87	69	70	18	78.0	0.0	13.0	0.37	0.40			1	1	1			>=70	31	Overnight showers, partly cloudy, muggy, light rain showers evening
Jul-08	Tue	91	67	75	24	79.0	0.0	14.0					1			1		>=65	31	Partly cloudy, hazy, hot, humid
Jul-09	Wed	87	70	70	17	78.5	0.0	13.5	0.59				2	1	1			>=60	31	Mostly cloudy, some sun, warm, muggy, evening thunderstorm
Jul-10	Thu	84	67	67	17	75.5	0.0	10.5		0.59			0	1				>=55	31	Early morning fog, clouds, then sunny, cooler, drier
Jul-11	Fri	86	64	75	22	75.0	0.0	10.0					0					>=50	31	Sunny, warmer, more humid evening
Jul-12	Sat	89	69	76	20	79.0	0.0	14.0					1					>=45	31	Partly cloudy, quite warm, humid
Jul-13	Sun	91	70	71	21	80.5	0.0	15.5	0.73				1	1	1			>=40	31	Sunny, hot, humid till late afternoon - Cloudy eve, light showers/thundershowers
Jul-14	Mon	84	67	67	17	75.5	0.0	10.5	0.15	0.88			1					>=35	31	Early morning light rain showers, clouds till mid-morning, clearing pm.
Jul-15	Tue	86	62	68	24	74.0	0.0	9.0					0					>=30	31	Sunny, dry, warm
Jul-16	Wed	90	63	70	27	76.5	0.0	11.5					0					>=25	31	Sunny, hotter, a bit more humid
Jul-17	Thu	93	66	75	27	79.5	0.0	14.5					0					>=20	31	Sunny, hot, humid Out of town starting midday
Jul-18	Fri	93	70	77	23	81.5	0.0	16.5					0					>=15	31	Sunny, hot, humid Out of town
Jul-19	Sat	94	68	79	26	81.0	0.0	16.0					0							Sunny, hot, humid Out of town
Jul-20	Sun	96	71	72	25	83.5	0.0	18.5	0.05				1		1			MIN.	TEMP	Partly cloudy, hot, light thundershower evening Out of town
Jul-21	Mon	93	69	75	24	81.0	0.0	16.0		0.05			0					<=80	31	Sunny, hot, humid Out of town
Jul-22	Tue	90	69	76	21	79.5	0.0	14.5	0.04				1		1			<=75	31	Cloudy am, sunny, hot afternoon becoming cloudy evening, light rain shower
Jul-23	Wed	80	65	65	15	72.5	0.0	7.5	0.30	0.04			2	1	1			<=70	29	Cloudy, cooler, mostly evening rain showers, occasional thundershowers
Jul-24	Thu	84	62	65	22	73.0	0.0	8.0	0.04	0.34			0					<=65	10	Early am clouds, light rain showers, clearing by dawn, sunny, moderate
Jul-25	Fri	89	59	73	30	74.0	0.0	9.0					0					<=60	4	Sunny, warmer, still relatively dry
Jul-26	Sat	88	68	76	20	78.0	0.0	13.0	0.02				1		1			<=55	0	Partly cloudy, warm, more humid - light thundershower early evening
Jul-27	Sun	87	69	69	18	78.0	0.0	13.0	T	0.02			1		1			<=50	0	Partly cloudy, warm, humid - storms in area
Jul-28	Mon	88	62	73	26	75.0	0.0	10.0		T			0					<=45	0	Sunny, seasonably warm, drier
Jul-29	Tue	92	68	76	24	80.0	0.0	15.0	0.10	0.10			1			1		<=40	0	Overnight clouds and light rain showers, becoming sunny, hot, hazy and humid
Jul-30	Wed	90	70	76	20	80.0	0.0	15.0					1			1		<=35	0	Partly cloudy, hazy, hot, humid
Jul-31	Thu	84	72	74	12	78.0	0.0	13.0	T				2					<=32	0	Mostly cloudy most of day, not as warm, sprinkles mid-day
TOTAL		2722	2061	2234	661	2392	0.0	376.5	2.55	2.55	0.0	0.0	24	6	8	3	0	<=30	0	
NUMBER		31	31	31	31	31	31	31	13	9	0	0	31	6	8	3	0	<=25	0	
AVERAGE		87.81	66.48	72.06	21.32	77.15	0.0	12.1					0.77					<=20	0	
MAXIMUM		96	72	79	33	83.5	0	18.5	0.73	0.88	0.0	0.0						<=15	0	
DATE OF MAX		7-20	7-31	7-19	7-03	7-20		7-20	7-13	7-14								<=15	0	
Second Date																		<=10	0	
MINIMUM		79	59	65	12	69.5	0	4.5										<=5	0	
DATE OF MIN.		7-01	7-25	7-23	7-31	7-01		7-01										<=0	0	
Second Date				7-24																
AVERAGE		86.2	64.6			75.4			3.99		0.00									
DEPARTURES		1.6	1.9			1.7			-1.44		0.0									

0.00 = Totally Clear
1.00 = Partly Cloudy
2.00 = Totally Cloudy

(V) shows multiday amounts. no day split available

CLEAR DAYS	12
PARTLY CLOUDY	14
CLOUDY	5

Lowest observed Bar. Pressure was 29.73" on July 31 based on midnight obs. data
Highest observed Bar. Pressure was 30.17" on July 16 based on midnight obs. Data

Total Precip. for 2008 = 28.22 Inches Average 26.00 Inches
0800 Precip. Taken at the Request of NWS Sterling Hydrology Office

Monthly Summary - -

The month was drier (-1.44") and warmer (+1.7° departure on the mean monthly temperature) than normal. It was not a month of extremes, very few records were set. Not a lot of records set at all; just one min temp record tied on the 25th (59°) and one daily precipitation record set on the 9th (0.59"-rather modest).

A muggy, hot period mid-month (16th-22nd) with 7 straight days of 90° or greater maximum temperatures happened to coincide with the weather conference/tour at the Museum of American Weather in Haverhill NH and a visit to the very cool summit of Mt Washington. So I managed to escape the heat wave here in Maryland, as it was pleasantly cool, damp and rainy up in New Hampshire. I used several closeby stations to accurately estimate my daily temperatures. It only rained one day while I was away from home (0.05" on the hottest day (the 20th) when 96° was reached (but nowhere near a daily record (102 in 1980).