



Monthly Report on Solar activities



July 2008

Astronomical Society of Southern Africa, Solar Section

Issue 65

Hi Solar friends,

As the emphasis in the ASSA group is on observations in the different sections, we in the solar group want to develop a professional platform for you the observer where you can participate in national and international solar observations.

Observations are used to calculate a monthly Southern African sunspot number and are published in the report section of this bulletin. A two monthly report on observations will be send to MNASSA for publication.

Solar observations are still an open field in Southern Africa amateur astronomy and we like to invite you to become part of the ASSA solar section.

Information on how to become involved in solar observations can be obtained from the solar section of ASSA at: jvdelft.solar@starmail.co.za

*Keep looking at the sunny side of life,
It keeps the shadows behind you!*

Regards,

Jacques van Delft
Director solar section
ASSA, Southern Africa

OBSERVERS

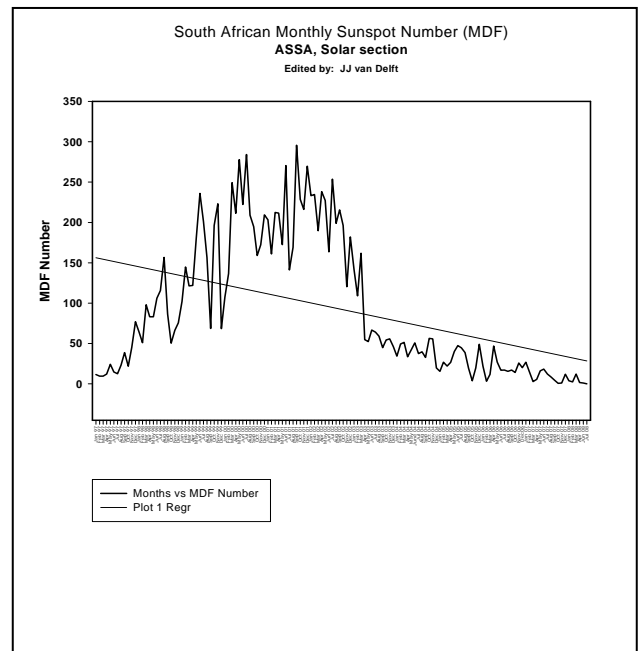
Jacques van Delft	(DEJV)	Wepener,	Freestate	South Africa
Jim&Shirley Knight	(KNJS)	Boksburg	Gauteng	South Africa
Howard Barnes	(BARH)	Auckland		New Zealand
Johan Retief	(RETJ)			South Africa
Frikkie de Bruin	(DEBF)			South Africa
Gert Lutz Scott	(SCGL)	Linxe-Lahourate		France

SOLAR REPORT JULY 2008

Date	DMF	DEVJ	KNJS	RETJ	SCGL	BARH
Jul-08						
1	0.0	0			0	
2	0.0	0			0	
3	0.0	0	0	0	0	0
4	0.0	0		0	0	
5	0.0	0	0	0	0	
6	0.0	0	0		0	
7	0.0	0	0		0	0
8	0.0	0	0		0	0
9	0.0	0	0	0	0	0
10	0.0	0	0	0	0	
11	0.0	0		0	0	
12	0.0	0		0	0	0
13	0.0	0		0	0	
14	0.0	0	0	0	0	
15	0.0	0	0		0	
16	0.0	0	0	0	0	
17	0.0	0	0	0	0	
18	0.0	0		0	0	
19	0.0	0	0	0	0	
20	0.0	0	0	0	0	0
21	0.0	0		0	0	
22	0.0	0	0	0	0	
23	0.0	0	0	0	0	0
24	0.0	0	0	0	0	0
25	0.0	0	0	0	0	
26	0.0	0	0	0	0	
27	0.0	0	0		0	
28	0.0	0	0	0	0	
29	0.0	0	0	0	0	
30	0.0	0	0		0	
31	0.0	0	0		0	
MMF=	0.0					

THE SUNSPOT CYCLE

July 2008 was a very low month in sunspot numbers. A round zero. Hopefully next month we will see some sunspots as this is a difficult time for observing sunspots.



Explanation: Cnts = Sunspot counting's (MDF totals)
 Days = Amount of days counting's were taken
 DMF = Daily Mean Frequency
 MMF = Monthly Mean Frequency

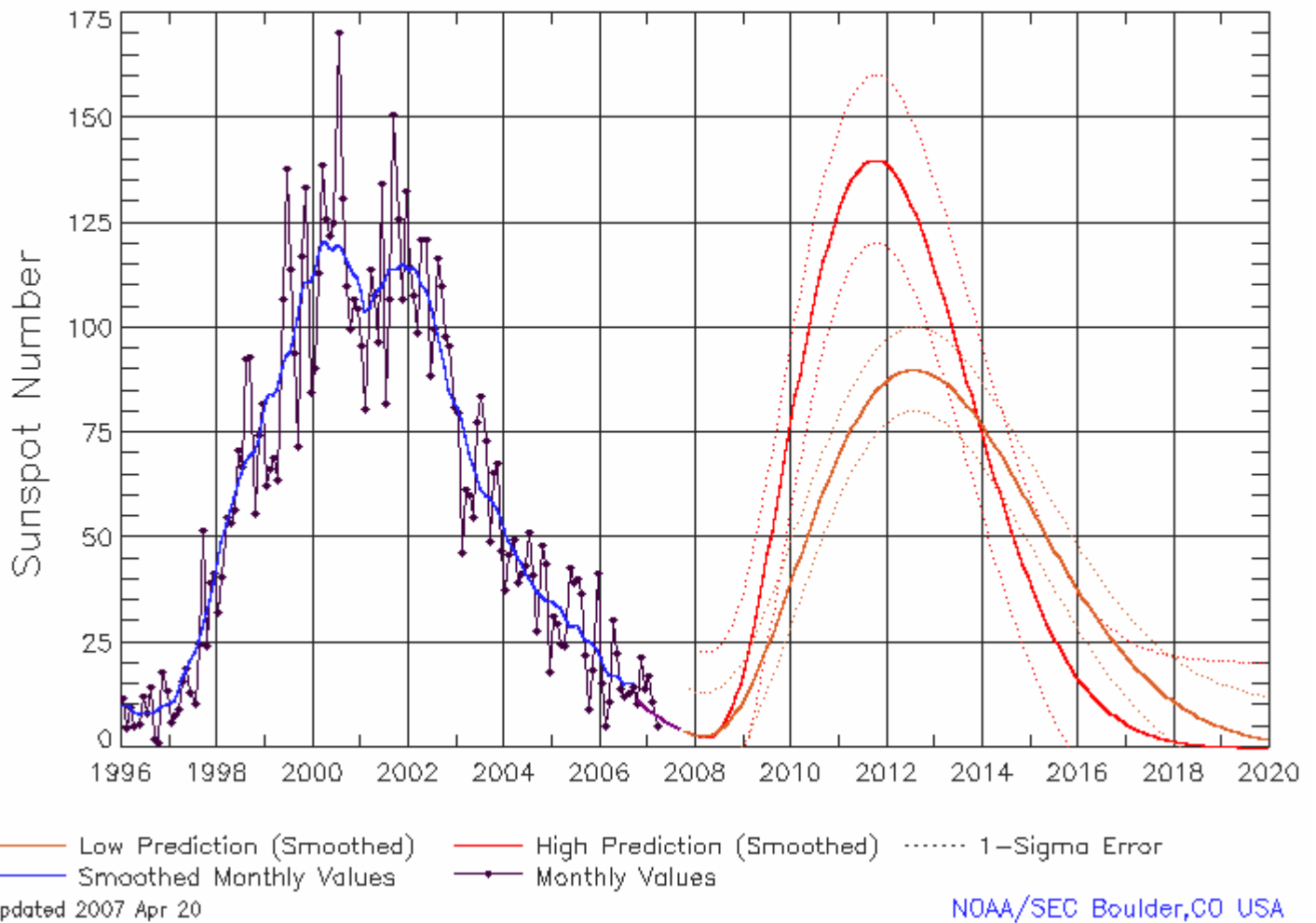
SOLAR ACTIVITIES

Solar Flaring activity came to a standstill as is the sunspot number coming to absolute zero during July. The only disturbance came again from the appearance of coronal hole's increasing the solar wind and its content.

Jul-08	Bz pos	Bz neg	Protons	Solarwind	X - Ray	Geo- magn.	Low Press	Ci Index
1	3	-3	2	460	A0	12.81	5	2.562
2	2	-2	0.6	400	A0	6.98	5	1.396
3	3	-2	10	350	A0	4.28	4	1.070
4	2	-4	8	350	A0	5.38	5	1.076
5	2	-3	7	340	A0	5.27	5	1.054
6	7	-8	9	440	A0	13.78	4	3.445
7	4	-4	7	400	A0	9.75	5	1.950
8	2	-2	3	370	A0	7.32	4	1.830
9	2	-1	2	370	A0	7.32	4	1.830
10	5	-5	5	360	A0	5.46	3	1.820
11	10	-5	10	470	A0	15.92	4	3.980
12	10	-5	7	680	A0	40.87	3	13.623
13	5	-5	2	700	A0	27.84	4	6.960
14	3	-4	2	730	A0	25.28	5	5.056
15	3	-3	2	680	A0	15.67	6	2.612
16	3	-3	3	590	A0	14.95	5	2.990
17	2	-2	4	520	A0	11.42	3	3.807
18	2	-3	3	440	A0	9.56	6	1.593
19	3	-3	3	350	A0	3.82	5	0.764
20	3	-3	2	360	A0	3.71	5	0.742
21	5	-6	12	390	A0	17.42	6	2.903
22	10	-10	9	630	A0	23.49	5	4.698
23	5	-6	3	670	A0	32.59	5	6.518
24	4	-3	4	520	A0	21.27	4	5.318
25	2	-2	5	440	A0	9.21	3	3.070
26	3	-4	5	440	A0	12.80	6	2.133
27	6	-6	10	440	A0	14.94	7	2.134
28	2	-4	6	470	A0	13.46	7	1.923
29	2	-2	7	390	A0	7.75	9	0.861
30	3	-2	7	400	A0	5.87	5	1.174
31	5	-2	6	400	A0	5.21	3	1.737

Solar Cycle 24 Sunspot Number Prediction

Data Through 31 Mar 07



As you all noticed there was no bulletin for May and June send. This was due to a trip to England and when I came back pressure and increased activity at work. Everything is back to normal again and I can continue producing solar bulletins again. I also want to welcome a new observer: Gert Lutz Scott from France.

Clear skies,

Jacques van Delft.
jvdelft.solar@starmail.co.za
Wepener,
+27 (0) 82 812 5907

