



# SOLAR BULLETIN

**Astronomical Society of Southern Africa, Solar Section**

Hi Solar friends,

**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: [Jacques@bloemwater.co.za](mailto:Jacques@bloemwater.co.za)

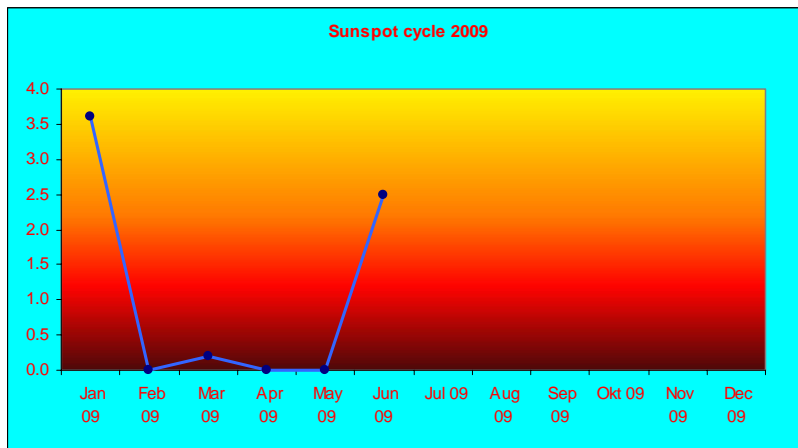
*Keep looking at the sunny side of life,  
It keeps the shadows behind you!*

Regards,

Jacques van Delft  
Director solar section  
ASSA, Southern Africa

Solar observations June 2009

June 2009	DMF	DEVJ	KNJS	SCGL	BARH
1	8.5	0			17
2	19				19
3	17				17
4	7	0			14
5	0	0	0		
6	0	0	0		0
7	0	0	0		
8	0	0	0		
9	0	0	0		
10	0	0	0		
11	0	0	0		
12	0	0	0		0
13	0	0	0		
14	0	0	0		
15	0		0		
16	0	0	0		0
17	0	0			0
18	0	0	0		0
19	0	0	0		0
20	0		0		0
21	0				0
22	12				12
23	2	12			
24	8.5	0	17		
25	0	0			
26	0		0		
27	0		0		
28	0	0	0		
29	0	0	0		
30	0		0		0
<b>MMF=</b>	<b>2.5</b>				



Space weather							
	BZ+	BZ-	Prot	Vel	X Ray	KP	Press
1	3	-2	1	340	A8	11101111	6
2	4	-3	4	350	B1	10011001	4
3	5	-3	4	320	B1	10010222	4
4	1	-2	1	340	A3	13212212	6
5	4	-6	4	340	A1	12222211	7
6	4	-3	2	350	B2	12101121	4
7	6	-5	-	370	A0	10112322	6
8	3	-2	3	390	A0	21111111	7
9	2	-3	4	320	A0	10011122	5
10	2	-4	5	380	A0	11202121	4
11	3	-2	1	350	A0	11001111	4
12	2	-2	1	300	A0	00001111	4
13	2	-4	1	300	A0	10101122	2
14	2	-6	4	340	A0	30011122	6
15	3	-1	3	310	A0	22101200	4
16	5	-2	7	340	A0	10012111	5
17	3	-4	4	320	A0	10001202	7
18	5	-3	4	340	A0	10011112	4
19	3	-2	9	350	A0	20001222	4
20	7	-4	10	350	A0	12212222	3
21	4	-2	11	340	A0	32121011	4
22	2	-1	5	320	A5	11001111	5
23	1	0	7	270	A0	10010023	4
24	10	-7	20	500	A0	33422253	3
25	4	-5	7	500	A0	21112223	5
26							
27	10	-7	20	500	A0	33422253	3
28	4	-2	4	570	A0	43122211	10
29	4	-4	2	510	A0	123110221	7
30	3	-2	1	340	A8	11101111	6
31	10	-7	20	500	A0	33422253	3

Monthly Remarks:

June saw a slight increase in the sunspot number and as I am writing this bulletin it looks like this will continue in July. Is this the end of the minimum of cycle 23? lets hope so. Some of the sunspots are still very tiny and difficult to see.

Clear skies,

Jacques van Delft  
ASSA Solar section Director,  
[Jacques@bloemwater.co.za](mailto:Jacques@bloemwater.co.za)  
+27 (0) 82 8170002