



# 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 February 2009

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

Space weather						
BZ+	BZ-	Prot	Vel	X Ray	KP	Press
2	-2	2	490	A0	12011101	3
1	-1	6	380	A0	00001111	3
2	-2	2	440	A0	00000013	2
6	-10	4	390	A0	41243342	2
3	-3	2	370	A0	41111102	2
3	-2	6	340	A0	10000011	2
2	-2	12	330	A0	12001111	6
3	-2	2	330	A0		
3	-3	3	340	A0	10001222	4
3	-2	8	305	B1	10000211	4
4	-3	7	340	A0	20111222	3
3	-4	7	355	B3	10012211	
1	-1	9	310	A0	00001211	2
10	-13	22	580	A1	12334323	5
4	-4	4	600	A0	24123222	6
3	-2	5	490	A0	10011101	5
1	-2	5	420	A0		
2	-3	6	350	A0	20000011	4
3	-3	8	330	A0	0000010	4
2	-3	15	340	A0	10011012	2
4	-4	15	490	A0	00011011	4
5	-3	8	460	A0	00221001	5
5	-5	6	480	A0	10002322	3
3	-2	4	470	A0	23211101	2
4	-2	4	430	A0	11011100	3
1	-1	3	420	A0	11000012	5
10	-6	7	650	A0	11233222	4
2	-1	2	630	A0	32200012	

Monthly Remarks:

Again we experiencing a month without sunspots. According to spaceweather.com we have the longest minimum cycle in 100 years. Keep looking as this will not go for ever.

Clear skies,

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