



# 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 March 2009

March 2009	DMF	DEVJ	KNJS	SCGL	BARH
1	0	0	0	0	0
2	0	0	0	0	
3	0	0	0	0	0
4	0	0	0	0	
5	0	0	0		
6	0	0	0		
7	0	0	0	0	
8	3	0	12	0	
9	0	0	0	0	0
10	0	0	0		
11	0	0		0	0
12	0	0			0
13	0	0		0	
14	0	0	0	0	0
15	0	0	0	0	
16	0	0	0	0	
17	0	0	0	0	0
18	0	0		0	
19	0	0	0	0	
20	0	0	0	0	0
21	0	0	0	0	0
22	0	0	0	0	0
23	0	0	0	0	0
24	0	0	0	0	0
25	0	0	0	0	
26	3	0	12	0	0
27	0	0			
28	0	0	0	0	0
29	0	0	0	0	0
30	0	0	0	0	
31	0	0	0	0	
<b>MMF=</b>	<b>0.2</b>				

Space weather							
	BZ+	BZ-	Prot	Vel	X Ray	KP	Press
1	2	-2	2	450	A0	11000011	2
2	1	-1	2	380	A0	00000011	3
3	10	-1	10	420	A0	10111222	5
4	5	-3	8	400	A0	23211123	3
5	2	-2	8	380	A0	22000001	2
6	3	-1	9	390	A0	10000101	2
7	1	-1	7	350	A0	00000101	1
8	7	-6	12	450	A0	21333211	4
9	1	-1	5	410	A0	00000001	5
10	4	-4	9	340	A0	10001211	4
11	3	-2	8	355	A0	00000112	6
12	1	-1	5	410	A0	00000001	5
13	5	-5	6	580	A0	54422222	4
14	5	-4	15	560	A0	32221223	4
15	2	-2	1	500	A0	33221202	4
16	4	-4	1	430	A0	21111220	3
17	2	-3	1	390	A0	10101111	6
18	2	-3	1	390	A0	10101111	6
19	2	-2	1	350	A0	00000000	5
20	4	-4	2	340	A0	20000212	4
21	8	-10	7	460	A0	01133123	4
22	4	-2	1	440	A0	23000002	3
23	1	-1	8	420	A0	10100111	3
24	5	-5	6	500	A0	03233212	5
25	3	-3	4	500	A0	44231111	6
26	4	-3	4	490	A0	23302111	7
27	4	-4	6	440	A0	00001232	3
28	4	-1	2	410	A0	10001222	4
29	2	-2	4	420	A0	11002111	4
30	2	-2	3	390	A0	00102221	3
31	N/A						

Monthly Remarks:

The Sun is still very quiet in sunspot numbers. The only activity recorded again is the appearance of coronal holes, causing some geomagnetic activities.

Look at [spaceweather.com](http://spaceweather.com) for a daily update on the numbers of days without sunspots. Thanks again for your data contribution, keep looking

Clear skies,

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