



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

*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 January 2009

Jan 2009	DMF	DEVJ	KNJS	SCGL	BARH
1	0	0			
2	0	0			
3	0	0		0	0
4	0	0	0		0
5	0	0	0	0	0
6	0	0	0	0	0
7	0	0	0		0
8	0		0	0	
9	0		0	0	
10	37		22	15	
11	32		15	14	12
12	33	0	22	11	
13	11	0	11		0
14	0	0	0		0
15	0	0	0	0	0
16	0	0	0	0	
17	0	0	0		
18	0		0		
19	0		0	0	
20	0		0	0	0
21	0	0	0	0	0
22	0	0		0	0
23	0		0		0
24	0		0		0
25	0		0	0	
26	0			0	
27	0		0	0	
28	0		0	0	0
29	0		0	0	
30	0	0	0	0	
31	0	0	0	0	
MMF=	3.6				

Space weather

BZ+	BZ-	Prot	Vel	X Ray	KP	Low Press Cells
3	-4	6	520	A0	12332101	4
4	-5	5	550	A0	01001122	4
3	-5	5	550	A0	33242201	4
1	-4	4	470	A0	21011210	3
2	-4	6	440	A0	11111112	5
1	-3	3	410	A0	21011100	5
3	-4	5	340	A0	00100111	5
3	-5	10	540	A0	00002111	4
5	-5	11	410	A7	11102111	4
4	-3	1	400	B2	21110011	5
3	-2	8	370	A0	10000111	6
3	-2	10	330	A3	00000000	6
5	-4	11	335	A0	11101101	5
6	-6	13	370	A0	22122102	5
7	-6	14	410	A0	11210122	4
2	-3	5	430	A0	21000010	4
1	-4	6	360	A0	01100111	4
2	-4	6	340	A0		3
8	-10	5	500	A0	42201122	2
3	-1	4	460	A0	20000011	6
2	-3	8	440	A0	00010111	4
2	-2	7	440	A0	10000001	3
2	-2	7	320	A0	10000001	3
2	-3	8	310	A0	10000001	3
2	-2	3	300	A0	00000002	2
7	-9	12	385	A0	32223320	4
3	-3	8	390	A0	01001122	5
4	-3	10	370	A0	00011101	5
2	-6	7	420	A0	02211101	4
5	-2	7	390	A0	01011112	4
5	-5	5	480	A0	11222212	3

Monthly Remarks:

Only some sunspot activities during 10, 11, 12, and 13 January with some flare activities in the B class brought some new cycle excitement. The highest solar wind was recorded at 550 in the beginning of January. The new solar cycle is only beginning slowly and hopefully we will see the numbers increasing as the year progresses.

Clear skies,

Jacques van Delft
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