



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!*

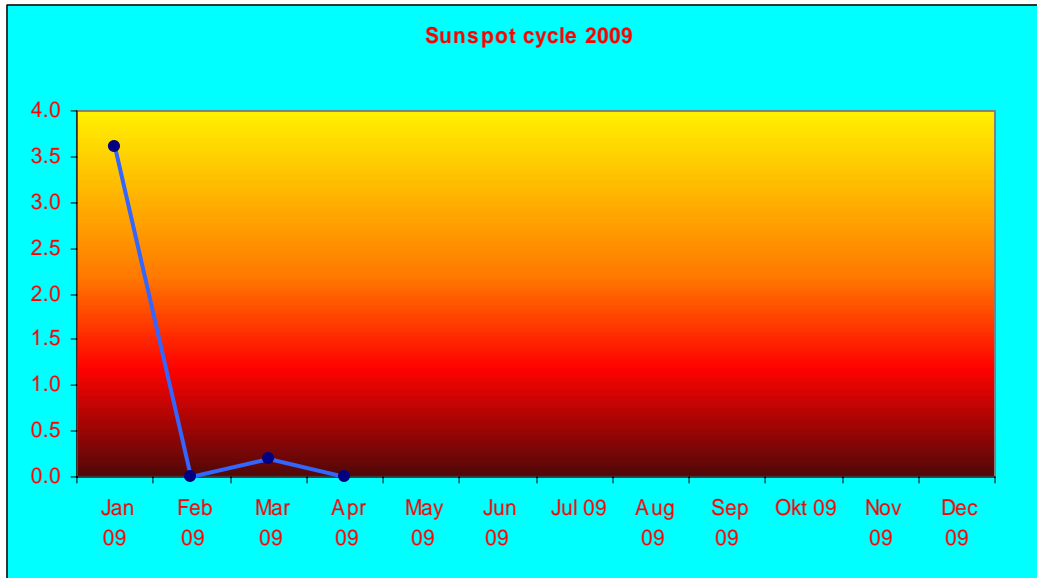
Regards,

Jacques van Delft
Director solar section
ASSA, Southern Africa

Solar observations April 2009

Apr 2009	DMF	DEVJ	KNJS	SCGL	BARH
1	0	0		0	0
2	0	0		0	0
3	0	0	0	0	
4	0	0	0	0	0
5	0	0	0	0	0
6	0		0	0	
7	0		0	0	
8	0	0		0	
9	0	0		0	0
10	0	0	0	0	
11	0		0	0	
12	0		0	0	
13	0		0	0	
14	0		0	0	0
15	0	0	0		
16	0			0	
17	0		0	0	
18	0		0	0	
19	0	0		0	
20	0		0	0	
21	0		0	0	
22	0	0			
23	0			0	
24	0	0	0	0	
25	0			0	
26	0		0	0	
27	0			0	0
28	0	0			
29	0	0	0	0	
30	0	0	0	0	0
MMF=	0.0				

Space weather							
	BZ+	BZ-	Prot	Vel	X Ray	KP	Press
1							4
2	2	-2	3	340	A0	10011222	4
3	1	-3	4	300	A0	10001112	3
4	1	-2	2	290	A0	1111101	2
5	5	-2	6	420	A0	00000101	10
6	1	-2	2	290	A0	11111111	2
7	2	-1	3	390	A0	00000101	5
8	NA						
9	5	-7	5	480	A0	34321322	4
10	3	-3	3	545	A0	22221132	6
11	4	-4	3	570	A0	32222213	6
12	2	-4	3	520	A0	22211223	4
13	2	-2	3	330	A0	21001111	3
14	10	-8	10	450	A0	12211213	4
15	NA						
16	NA						
17	5	-4	3	470	A1	20012112	3
18	4	-1	1	540	A0	23312212	3
19	3	-1	3	490	A0	22101012	6
20	3	-2	2	460	A0	11211111	5
21	3	-3	2	410	A0	21011102	4
22	NA						
23	4	-2	3	460	A0	00011121	3
24	5	-3	4	440	A0	21212121	3
25	2	-2	4	420	A0	11011212	2
26	4	-1	6	400	A0	11111212	5
27	2	-1	3	390	A0	22011111	3
28	1	0	6	355	A0	00001111	4
29	4	-4	9	380	A0	00000111	4
30	1	-2	3	350	A6	10002101	6
31							



Monthly Remarks:

April was again a 0 sunspot number month, an indication that the sun still hangs on to its minimum cycle. The graph as a new addition will be updated as the new cycle progresses. Coronal hole activity continues to be the main activity during this month and only two minor A class flares were recorded.

Clear skies,

Jacques van Delft
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