



# 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)

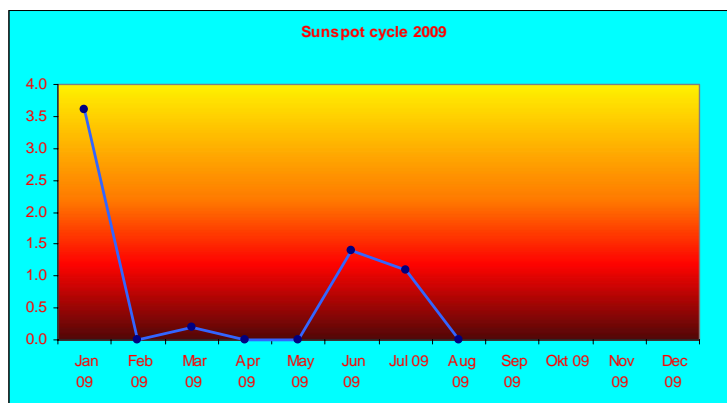
*Keep looking at the sunny side of life,  
It keeps the shadows behind you!*

Regards,

Jacques van Delft  
Director solar section  
ASSA, Southern Africa

Solar observations August 2009

August 2009	DMF	DEVJ	KNJS	BARH	VERA
1	0	0	0	0	
2	0	0	0		0
3	0	0			0
4	0		0		0
5	0	0		0	0
6	0	0		0	0
7	0	0	0		0
8	0	0	0		0
9	0	0	0		
10	0				
11	0				
12	0	0			
13	0	0	0		
14	0	0	0		
15	0	0	0		0
16	0	0	0	0	0
17	0		0		
18	0	0			
19	0	0	0		
20	0	0		0	
21	0	0			
22	0	0	0		0
23	0	0	0		0
24	0		0		
25	0		0		
26	0		0		
27	0		0	0	
28	0		0		
29	0		0		
30	0		0		
31	0	0	0	0	
<b>MMF=</b>	<b>0.0</b>				



Month:		Space weather						
August		BZ+	BZ-	Prot	Vel	X Ray	KP	Press
2009	1	5	-3	7	420	A1	11112202	5
	2	2	-2	7	370	A0	10001122	4
	3	2	-4	10	405	A0	33322221	5
	4	3	-3	10	370	A0	11101011	3
	5	8	-4	20	390	A0	22222222	2
	6	10	-12	30	550	A0	34422322	3
	7	4	-2	8	480	A0	22121233	4
	8	3	-1	5	520	A0	21001111	4
	9	4	-4	5	480	A0	23321122	4
	10	2	-1	10	395	A0	20001122	4
	11	3	-4	7	370	A0	11000122	5
	12	5	-5	8	375	A0	21112211	6
	13	4	-4	6	370	A0	21111111	5
	14	2	-3	3	295	A0	10101211	3
	15	2	-2	2	275	A0	10001112	4
	16	4	-3	9	330	A0	10000111	4
	17	2	-2	8	330	A0	10100221	4
	18	2	-1	9	350	A0	11001111	4
	19	8	-8	20	450	A0	10133234	5
	20	4	-4	4	540	A0	21323212	5
	21	5	-2	4	540	A0	23011111	3
	22	4	-2	3	540	A0	12011012	3
	23	2	-3	2	520	A0	13200101	3
	24	1	-1	2	410	A0	10001101	3
	25	3	-2	5	350	A0	11001102	2
	26	3	-4	4	390	A0	31210001	2
	27	5	-5	10	380	A0	11002222	3
	28	2	-1	3	390	A0	11001001	4
	29	2	-2	6	350	A0	01101001	4
	30	12	-10	13	490	A0	21322643	4
	31	2	-2	5	460	A0	21112211	4

Monthly Remarks:

As for now we have to be patient with the Sun as it still is showing us a minimum characteristic. Another month with a 0 sunspot number. The only activity again came from the coronal holes which increased the KP index several times this month.

Clear skies,

Jacques van Delft  
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