



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

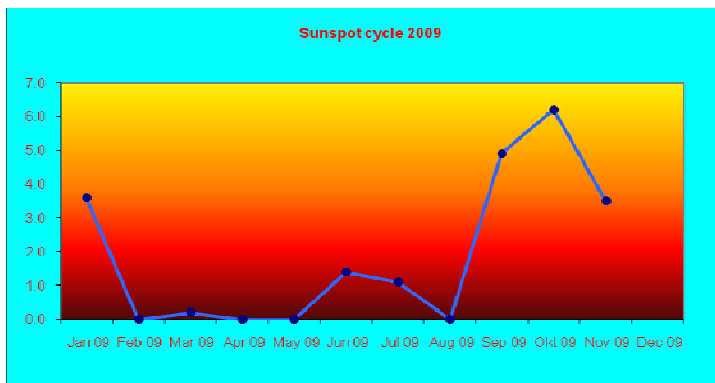
*Keep looking at the sunny side of life,
It keeps the shadows behind you!*

Regards,

Jacques van Delft
Director solar section
ASSA, Southern Africa

Solar observations November 2009

November 2009	DMF	DEVJ	KNJS	BARH	VERA
1	0.0		0		
2	0.0		0		
3	0.0	0	0		
4	0.0		0		
5	0.0			0	
6	7.3	11	0	11	
7	0.0				0
8	0.0				0
9	6.0	0		12	
10	0.0				
11	0.0	0		0	
12		0			0
13	6.5		13		0
14	0.0		0		0
15	2.8	0	11	0	0
16	0.0		0	0	0
17	0.0		0		
18	11.0		11		
19	17.0	0	34		
20	29.0		29		
21	21.0		21		0
22	0.0	0	0	0	0
23	0.0		0		0
24	0.0		0	0	0
25	0.0	0	0		
26	0.0			0	
27	0.0	0	0		
28	0.0	0	0		
29	0.0	0	0		
30	0.0	0			0
MMF=	3.5				



Month:	Space weather						
	BZ+	BZ-	Prot	Vel	X Ray	KP	Press
November							
2009	5	-1	1	380	B3	01000100	3
	5	-5	3	400	A2	00110000	3
	3	-2	2	380	A0	00000110	3
	1	-1	0.4	450	A0	00000000	3
	4	-1	2	320	A0	00000000	3
	3	0	1	290	A0	00000000	4
	2	0	1	270	A0	00000101	4
	7	-8	14	400	A1	01112232	2
	5	-5	5	420	A0	12210100	5
	3	-1	6	370	A0	00000101	5
	2	-2	4	320	A0	00000000	5
	2	-3	5	300	A0	00000000	5
	5	-5	9	320	A1	00000000	3
	5	-6	8	340	A2	11222012	2
	5	-4	8	380	A2	11202210	5
	3	-2	0.8	380	A1	00001100	7
	2	-2	0.3	380	A6	00000100	6
	1	-2	2	310	A3	00110001	5
	2	-2	15	380	A4	01000002	4
	2	-2	5	430	A3	10000001	6
	2	-3	2	480	A1	31221031	5
	3	-2	1	550	A0	20101100	5
	2	-1	1	440	A0	00000000	3
	5	-7	16	460	A3	00012223	4
	2	-3	0.4	460	A3	32211001	4
	5	-5	9	440	A0	10122222	3
	2	-2	4	350	A0	01110000	3
	3	-2	2	350	A0	00111111	2
	2	-1	1	370	A0	00000101	4
	1	-3	1	320	A0	00011000	4
	0	-1	1	340	B9	00001001	3

Monthly Remarks:

A slightly decrease in the sunspot number but the overall trend is upwards. Solar flares were mostly in the A and B class.

Clear skies,

Jacques van Delft

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