

# Newsletter Belgian Solar Observers

Results and news from solar observers

Volume 21

Number 249

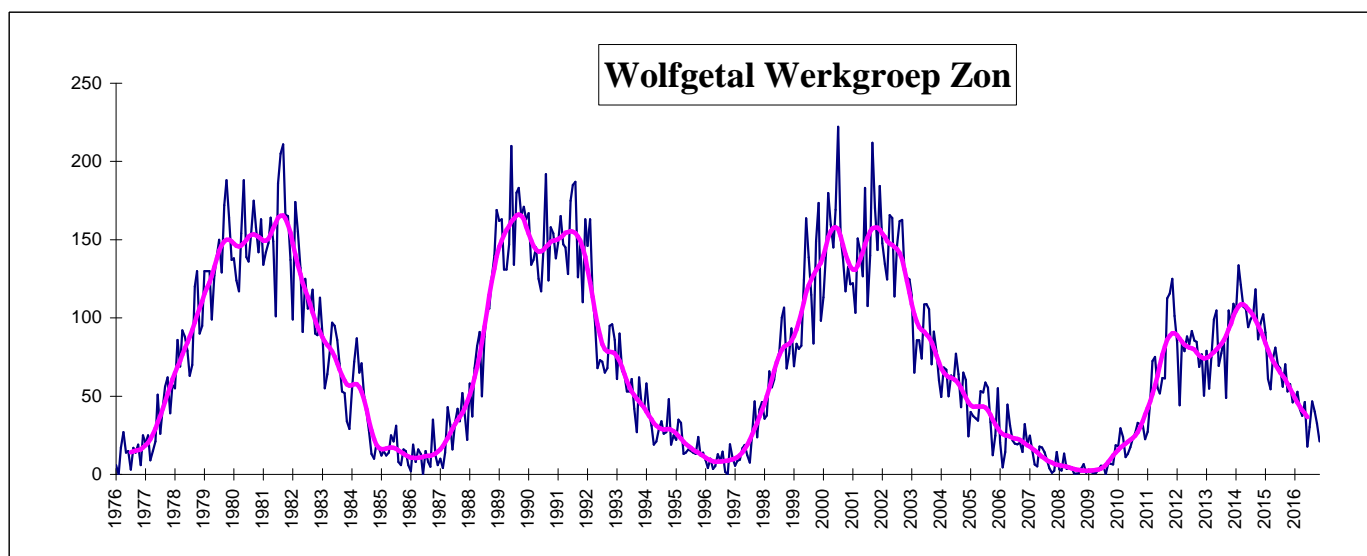
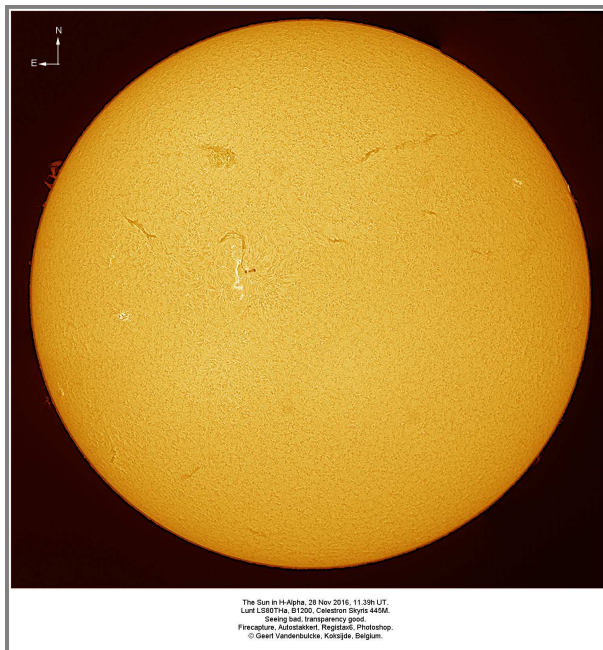
November 2016

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## Content Newsletter

Graphics and relative number for this month, Daily Wolfnumbers by the members, Monthly sunspot report  
Polar faculae and CV numbers, Photo album and drawings



### Mean of November 2016 observations

<u>Groups</u> :	N	1,31	<u>Wolfnumb</u>	N	17	<u>Beck</u> :	75,7
	S	0,31		S	4,1	<u>CV</u>	12,9
	N+S	1,62		N+S	21,1	<u>SN</u>	13,8
222 observations	20 observers					<u>IS</u>	6,6



# Sunspotnumbers VVS Belgium

Month: **November 2016**

Day	GROUPS			WOLFNUMBER			RE'	CV	SN	IS	OBS
	N	S	N+S	N	S	N+S					
1	1	0	1	12,3	0	12,3	13	4,3	5,0	3	13
2	1	0	1	2,5	0	2,5	1	0,2	1	1	13
3	2	1	3	21,5	4	25,4	19	4,0	4,3	4,5	11
4	2	0	2	25,0	0	25,0	29	3,8	5,5	6,0	6
5	2	0	2	25,0	0	25,0	29	5,8	11,0	6,0	14
6	2	0	2	23,3	0	23,3	15	3,2	4,0	4,5	11
7	2	0	2	15	0	15,3	8	1,5	2,0	4,0	3
8	0	0	0	0	0	0	0	0	0	0	8
9											
10	1	2	3	10,2	20,8	31,0	55	11,3	17,0	11,0	7
11	0	2	2	0	32,5	32,5	60	9,2	19,0	12,5	12
12	0	1	1	0	11,7	11,7	12	3,5	2,0	3,0	3
13											
14											
15											
16	2	0	2	27,8	0	27,8	97	16,0	22,0	9	4
17	2	0	2	28,6	0	28,6	154	23,0	22,0		8
18	2	0	2	29,0	0	29,0	132	24,0			2
19	2	0	2	17,3	0	17,3	15	2,4	4,0	3,5	9
20	0	0	0	0	0	0	0	0	0	0	7
21	0	0	0	0	0	0	0	0	0	0	4
22	0	0	0	0	0	0	0	0	0	0	8
23	1	0	1	11,0	0	11,0	39	9,5	10,0	1,0	6
24	1	0	1	13,5	0	13,5	68	9,0	10,0	2,0	11
25	1	0	1	11,1	2	13,2	85	11,8	15,0	3,0	12
26	1	0	1	24,5	0	24,5	54	19,0			2
27	2	0	2	35,7	0	35,7	164	18,2	27,0	9,0	8
28	3	0	3	41,1	0	41,1	155	37,0	27,3	16,5	14
29	2	1	3	32,5	14,5	47,1	330	64,8	45	24,0	14
30	2	1	3	34,3	20,0	54,3	433	53,8	77	27,5	12
	<b>1,31</b>	<b>0,31</b>	<b>1,62</b>	<b>17,0</b>	<b>4,1</b>	<b>21,0</b>	<b>75,7</b>	<b>12,9</b>	<b>13,8</b>	<b>6,6</b>	<b>222</b>

Monthly mean: **21,0** Covering: **26/30** Spotless days: **4**  
 Observations: **222** Number of observers: **20**

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Observers:

E.De Ceuninck ; J.Janssens ; Publ obs Mira ; J.Bourgeois ; R.Dezeure ; F.Feys  
 H. De Backer ; F.Dubois ; B.Taillieu ; J.Carels ; G.Verbanck ; J.Claes  
 L.Meeus ; O.Steen ; KSB ; L.Claeys ; B.Thooris ; G.Gubbels ; J.De Wit ; J. Neys  
 R.Verboven ; F. Van Loo ; A.T.Son ; H.Coeckelberghs ; D.Van Hessche ; I. Demeulenaere

# Belgian Solar Observers

## Polar Faculae

Month: November 2016

Date	Dubois 125mm F20			Steen 102mm F15			T.Spaninks 127mm F15			G.Gubbels 114mm F7,8			J.Carels			Janssen 200mmF10							
	North	South	Q	North	South	Q	North	South	Q	North	South	Q	North	South	Q	North	South	Q					
1	4	4	3																				
2				2	2	3																	
3				3	4	3,5																	
4																							
5	3	3	4	3	4	3,5																	
6				3	2	3,0																	
7				2	2	3,0																	
8	4	4	3	4	3	3,5																	
9	3	4	3																				
10																							
11				3	2	3																	
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26																							
27																2	5	3					
28				1	3	3,5																	
29	3	8	4	1	3	3,5																	
30																							
31																							
3,40	4,60			2,44		2,78		####		#####		#####		#####		#####		#####		2,00		5,00	

