

# Newsletter Belgian Solar Observers

Results and news from solar observers

Volume 19

Number 215

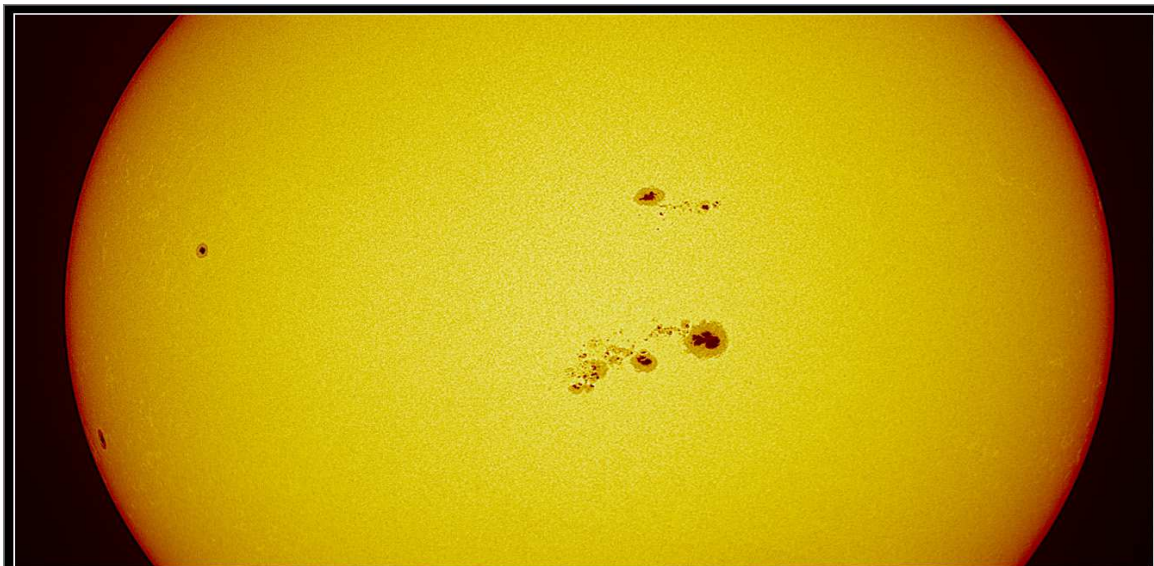
January 2014

Franky Dubois Poelkappellestraat 57 langemark 8920

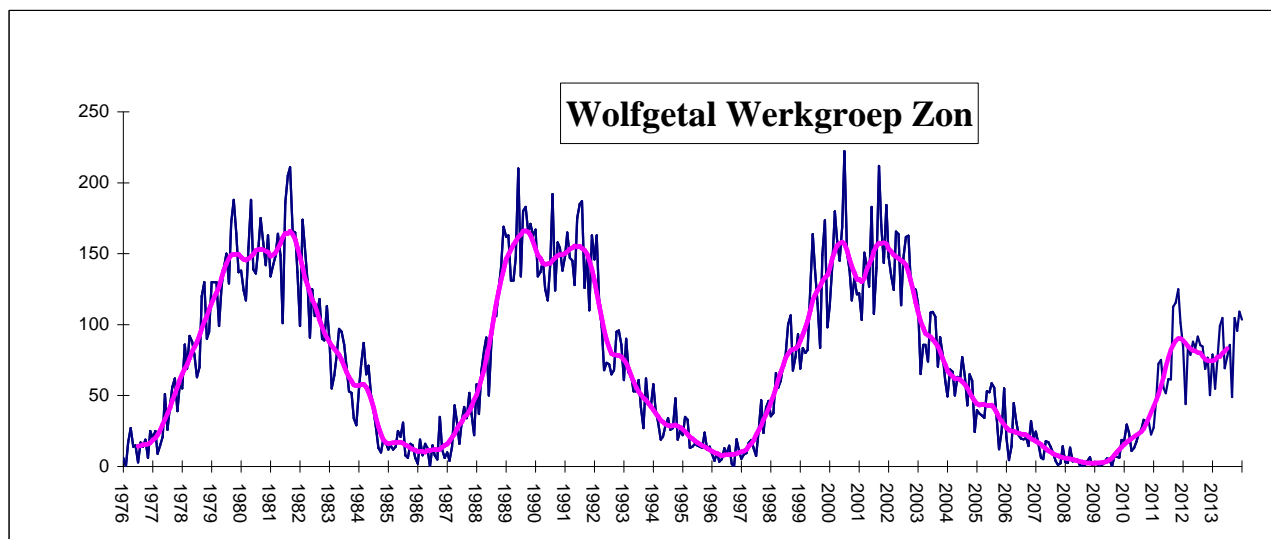
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## Content Newsletter

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



Sunspots on 8 January 2014, 10h30 UT.  
Orion 80ED, Baader Herschel wedge, Baader ND & Solar Continuum filters, DMK31AU03.  
Transparency: Cirrus clouds, seeing bad.  
Firecapture, Autostakker12, Registax6, Photoshop CS5.  
(c) Geert Vandenbulcke, Koksijde, Belgium.



### Mean of January observations

<u>Groups</u> :	N	1,90	<u>Wolfnumb</u> N	26,2	<u>Beck</u> :	1093,4
	S	5,03	S	77,3	<u>CV</u>	105,6
	N+S	6,93	N+S	103,5	<u>SN</u>	134,1
244 observations	25 observers				<u>IS</u>	53,1



# Sunspotnumbers VVS Belgium

Month: **January 2014**

Day	GROUPS			WOLFNUMBER							
	N	S	N+S	N	S	N+S	RE'	CV	SN	IS	OBS
1	1	6	7	15,9	94,1	<b>110</b>	1167	124,5	123	51	6
2	2	6	8	26,3	105,4	<b>131,7</b>	935	146,75	151	48	7
3	2	7	9	25,4	120,3	<b>145,7</b>	1384	132	217,67	78	9
4	2	5	7	20,5	89,3	<b>109,8</b>	1813	95,3	124		4
5	2	4	6	27,1	84,6	<b>111,7</b>	1655	119,63	161,75	58	18
6	4	4	8	55,9	75,5	<b>131,3</b>	2098	126	163	83	9
7	4	4	8	41,2	64,7	<b>105,8</b>	2335	110,25	190,33	109	11
8	2	2	4	36,1	67	<b>103,1</b>	2265	122,4	159,67	67,5	10
9	2	2	4	31,5	53,2	<b>84,7</b>	1410	113,5	108	35	3
10	4	3	7	57,4	74,1	<b>131,5</b>	1830	132,8	174	77,5	17
11	4	5	9	49,3	85,5	<b>134,8</b>	1475	118	144,67	63	12
12	4	5	9	38,5	85,9	<b>124,4</b>	1107	121,22	121	56,3	22
13	4	5	9	43,7	78,8	<b>122,5</b>	657	122	127	41,5	12
14	2	4	6	30	49	<b>79</b>					1
15											
16	1	5	6	12,1	63,9	<b>76</b>	307	51,3	70	21	4
17	1	5	6	10,1	64,7	<b>74,8</b>	245	53,3	57,5	18	9
18	2	7	9	23,1	83,6	<b>106,8</b>	397	97			9
19	1	8	9	17,4	88,5	<b>105,9</b>	461	88,8	100	37	9
20											
21	1	7	8	16	95	<b>111</b>	675	108			1
22	2	8	10	30	111	<b>140,9</b>	787	139,33	284	88	12
23	2	9	11	29,5	102,1	<b>131,6</b>	622	108,67	112	39	5
24	1	8	9	28,8	75,1	<b>103,9</b>	552	88	74,5	39	14
25	1	7	8	22	102	<b>124</b>	744				1
26	0	2	2	0	25	<b>25</b>					1
27	0	4	4	0	49	<b>49</b>	262	44,5	35,7	13	4
28	1	3	4	14,4	56,8	<b>71,3</b>	630	86	165	59	4
29	1	4	5	16,9	64,9	<b>81,8</b>	918	106	97,5	37	10
30	1	4	5	18	76,2	<b>94,1</b>	1170	99,7	111	43	7
31	1	3	4	21,9	55,3	<b>77,2</b>	1621	90	146,67	58,5	12
	<b>1,90</b>	<b>5,03</b>	<b>6,93</b>	<b>26,2</b>	<b>77,3</b>	<b>103,4</b>	<b>1093,4</b>	<b>105,6</b>	<b>134,1</b>	<b>53,1</b>	<b>243</b>

Monthly mean: **103,4** Covering: **29/31** Spotless days: **0**  
 Observations: **243** Number of observers: **25**

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 L.Meeus ; O.Steen ; KSB ; L.Claeys ; B.Thooris ; J.Bonse ; G.Gubbels ; J.De Wit  
 J.Claes ; R.Verboven ; F. Van Loo ; A.T.Son ; H.Coeckelberghs ; D.Van Hessche

# Belgian Solar Observers

## Polar Faculae

Month: January 2014

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	2	3						
2				0	0	3,5												
3																		
4																		
5							0	0	3	2	1	3,5				0	0	3
6																		
7										2	2	3,5						
8										3	1	3,5						
9																		
10	0	0	3	0	0	3,5				2	2	3,5						
11				0	0	3,5												
12							0	0	4	2	1	3				1	0	3
13							0	0	4									
14																		
15																		
16				1	0	3,5												
17																		
18																0	0	3
19																		
20																		
21																		
22										1	1	3,5						
23																		
24				0	0	3,5												
25																		
26																		
27																		
28																		
29																		
30																		
31										2,0	1,0	4						
0,00	0,00			0,20	0,00		0,0	0,0		2,3	1,4		#####	#####		0,33	0,00	

