

# Newsletter Belgian Solar Observers

Results and news from solar observers

Volume 19

Number 219

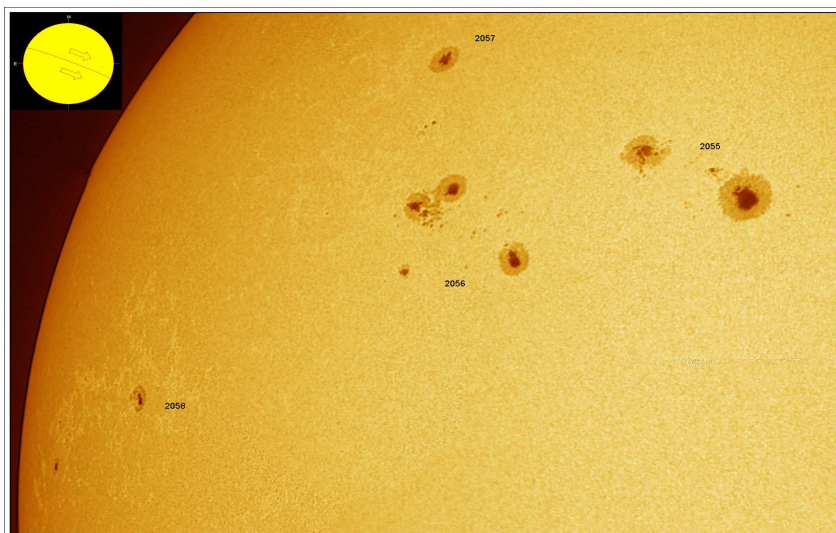
May 2014

Franky Dubois Poelkappellestraat 57 langemark 8920

Web site: <http://www.bso.vvs.be> e-mail [astrosun@skynet.be](mailto:astrosun@skynet.be)

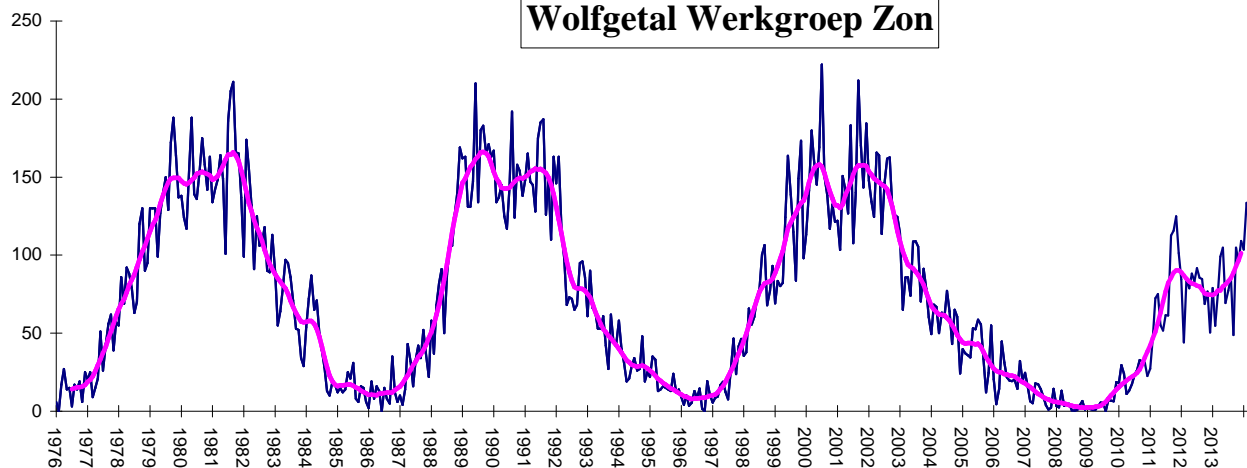
## Content Newsletter

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 9 May 2014, 08h12 UT.  
Orion (UK) OMC140 on AP Mach1 GTO, Baader AstroSolar Photo & Solar Continuum filters, DMK31AU03.  
Transparency good (imaging between clouds), seeing bad.  
Firecapture 2.3, Autostakkert!2, Astra Image 4, Photoshop CS5.  
(c) Geert Vandenbulcke, Koksijde, Belgium.

### Wolfgetal Werkgroep Zon



#### Mean of May 2014 observations

Groups :	N	2,43	Wolfnumb N	34,6	Beck :	705,8
	S	4,96	S	70,9	CV	104,3
	N+S	7,39	N+S	105,5	SN	105,1
407 observations	23 observers				IS	44



# Sunspotnumbers VVS Belgium

Month: **May 2014**

Day	GROUPS			WOLFNUMBER							
	N	S	N+S	N	S	N+S	RE'	CV	SN	IS	OBS
1	1	4	5	13,8	73,9	<b>87,7</b>	710	85,0	83	28,0	15
2	2	4	6	14,0	86,7	<b>100,7</b>	1038	126,7	115,0	52,0	9
3	2	4	6	16,1	94,2	<b>110,3</b>	1281	144,5	142	65	19
4	2	5	7	23,4	101	<b>124,4</b>	1125	155,9	146,3	64,5	17
5	3	5	8	42,3	84	<b>125,9</b>	895	176,6	134,7	61	17
6	4	6	10	60,0	73	<b>133,5</b>	568	163,3	140,5	48	14
7	5	3	8	69,2	39	<b>108,0</b>	515	129,8	91,5	24	11
8											
9	5	4	9	72,5	47,8	<b>120,3</b>	919	153,3	136,5	48	10
10	5	4	9	77	39	<b>116</b>	831	130,0	110,5	41	9
11	5	4	9	74,0	68	<b>142</b>	964	134,4	146,3	54	8
12	4	4	8	65,2	68,4	<b>133,5</b>	1467	157,3	184,0	80,0	11
13	5	4	9	65,2	67	<b>132,0</b>	1246	133,0	157,0	61,0	15
14	5	4	9	84,6	65,0	<b>149,6</b>	1170	155,8	164,7	82,0	15
15	5	4	9	88,7	51,8	<b>140,5</b>	1067	158,2	146	67	14
16	5	5	10	73,0	47,3	<b>120,2</b>	868	117,8	125	53	21
17	4	6	10	58,7	81,9	<b>140,6</b>	818	104,6	127	47	21
18	3	8	11	35,1	83,1	<b>118,2</b>	408	57,7	66,8	35,5	19
19	2	7	9	21	71,9	<b>93,1</b>	270	54,3	65,0	30	21
20	1	6	7	12,3	71,8	<b>84,1</b>	243	44,0	57	21	17
21	0	6	6	0,0	76,0	<b>76,0</b>	273	59,0	69,0	20	8
22	0	5	5	0,0	62,6	<b>62,6</b>	263	47,8	60,0	19	17
23	0	6	6	0,0	83,6	<b>83,6</b>	414	64,8	68,0	34,0	13
24	0	6	6	0,0	105,8	<b>105,8</b>	764	87,0	105,3	57,5	17
25	0	6	6	0,0	103,0	<b>103,0</b>	683	86,0	110,0	55,5	22
26	0	6	6	0,0	83,0	<b>83,0</b>	534	114,0			5
27											
28											
29	0	4	4	0,0	49,8	<b>49,8</b>	111	19,8	16,5	7,0	9
30	0	4	4	1,2	53,7	<b>54,9</b>	148	41,4	42,333	19,0	17
31	0	5	5	1,6	54,0	<b>55,6</b>	170,4	19,667	26,333	15,5	16
	<b>2,43</b>	<b>4,96</b>	<b>7,39</b>	<b>34,6</b>	<b>70,9</b>	<b>105,5</b>	<b>705,8</b>	<b>104,3</b>	<b>105,1</b>	<b>44,0</b>	<b>407</b>

Monthly mean: **105,5** Covering: **28/31** Spotless days: **0**  
 Observations: **407** Number of observers: **23**

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Observers:

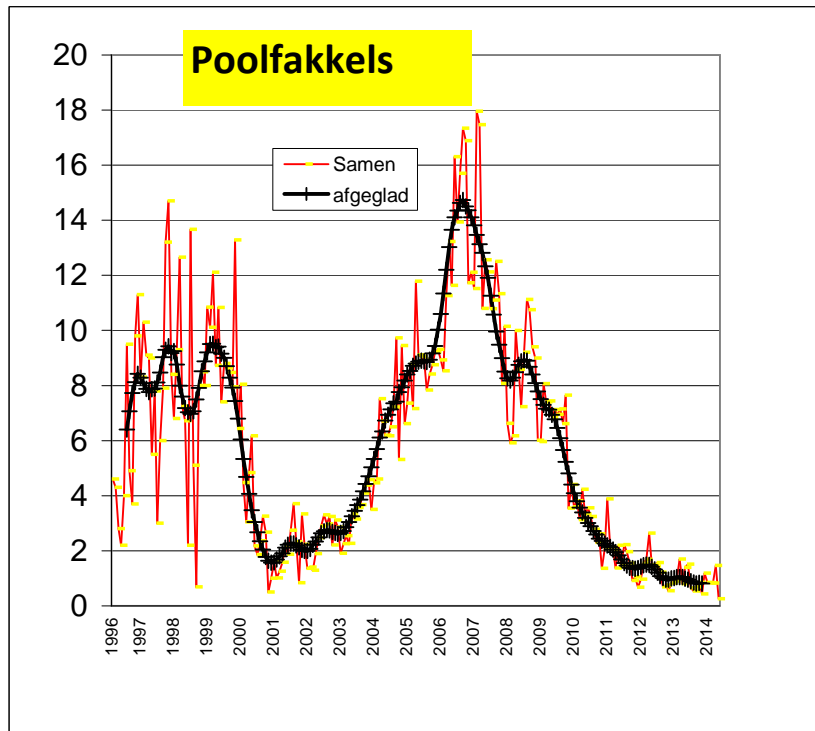
E.De Ceuninck ; J.Janssens ; Publ obs Mira ; J.Bourgeois ; R.Dezeure ; F.Feys  
 H. De Backer; F.Dubois ; B.Taillieu ; J.Carels ; E.Neven ; R.De Laet ; M.Decks ; G.Verbanck  
 L.Meeus ; O.Steen ; KSB ; L.Claeys ; B.Thooris ; J.Bonse ; G.Gubbels ; J.De Wit  
 J.Claes ; R.Verboven ; F. Van Loo ; A.T.Son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

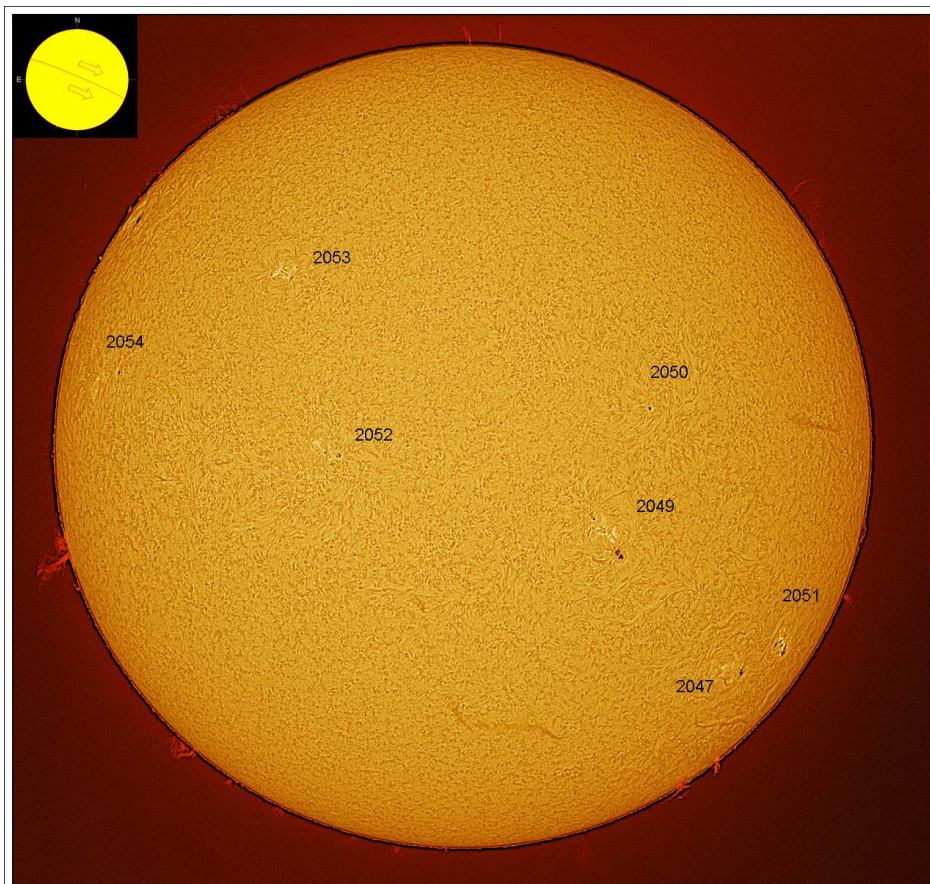
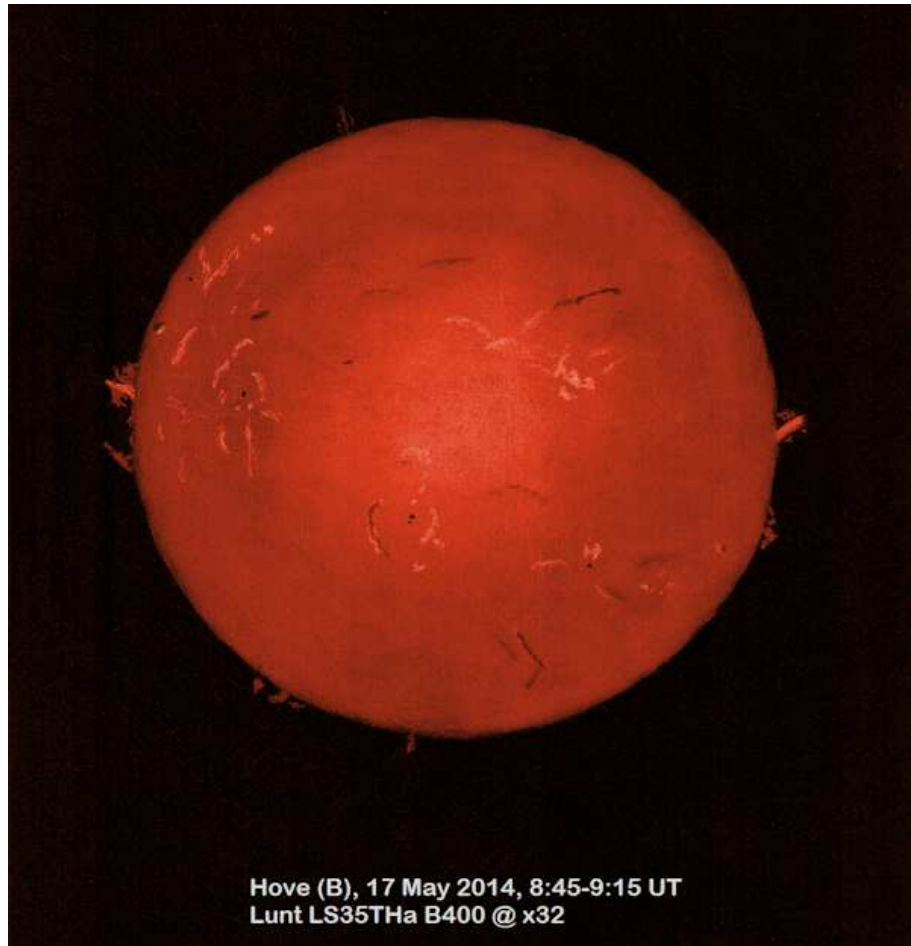
# Belgian Solar Observers

## Polar Faculae

Month: May 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				0	0	4,0										0	0
2	1	1	4															
3	0	0	4	0	1	4,0	0	1	4							0	0	4
4	0	0	4	0	0	4,0	0	0	4							0	0	4
5	0	0	4	0	0	3,5	0	0	4									
6	0	2	3				0	0	4									
7							0	0	4									
8																		
9																		
10																		
11				0	0	4,5										0	0	3
12																		
13				0	1	3,5	0	0	4									
14				0	0	4,0	0	0	3									
15	0	1	4	0	0	4,0	0	0	4									
16	0	0	4	0	0	3,5	0	0	4									
17				0	0	3,5	0	0	5							0	0	5
18				1	0	4,0	0	0	4							0	0	5
19	1	0	4	0	0	4,0	0	0	4									
20				0	1	4,0												
21																		
22				0	0	3,5												
23				0	0	4,0	0	0	3									
24				0	0	3,5										0	0	4
25	0	0	4	0	0	4,0	0	0	4						0	0	3	
26																		
27																		
28																		
29																		
30				0	0	3,5												
31				0	1	4,0	0	0								0,0	0,0	5,0
0,22	0,44		0,05 0,21			0,0 0,1			#####		#####		#####		#####		0,00 0,00	





The Sun in H-Alpha on 5 May 2014, 07h58 UT.  
Lunt LS80THa, B1200, DMK31AU03.  
Seeing fair, transparency hazy.  
FireCapture 2.3, Autostakkert!2, Astralimage4, Photoshop CS5.  
(c) Geert Vandenbulcke, Koksijde, Belgium.