

# Newsletter Belgian Solar Observers

Results and news from solar observers

Volume 19

Number 224

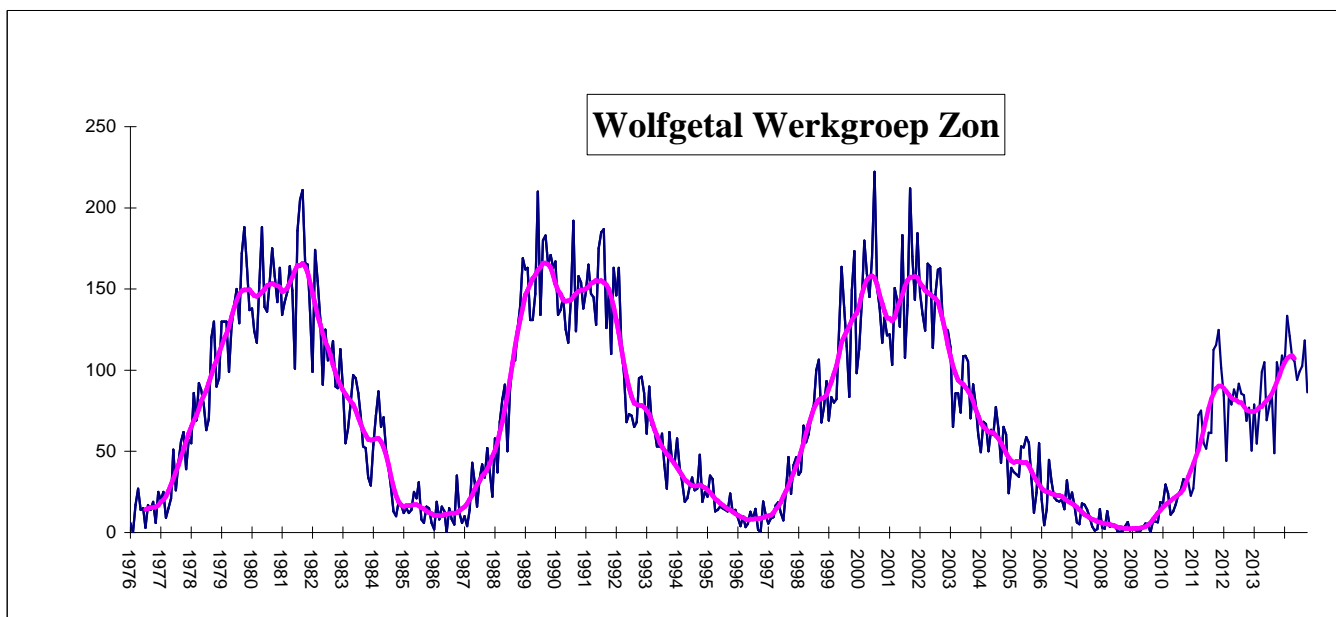
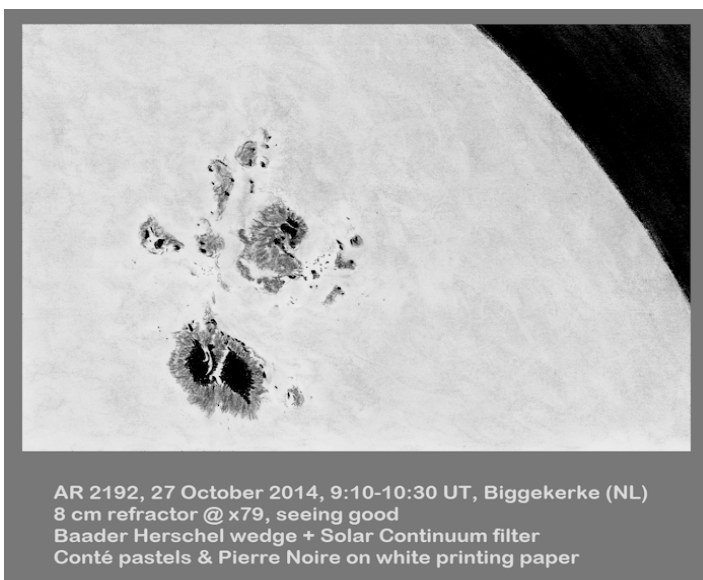
October 2014

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



### Mean of October 2014 observations

Groups :	N	1,62	Wolfnumb N	20,3	Beck :	863,4
	S	4,14	S	66	CV	68,1
	N+S	5,76	N+S	86,3	SN	78,8
313 observations	22 observers				IS	35,8



# Sunspotnumbers VVS Belgium

Month: **October 2014**

Day	GROUPS			WOLFNUMBER			RE'	CV	SN	IS	OBS
	N	S	N+S	N	S	N+S					
1	3	4	7	61,4	69,6	131,0	1121	161	151	64	18
2	3	6	9	49	77,3	126,3	622	109,0	125,5	59	12
3	3	6	9	38,9	82,7	121,6	460	57,2	84	44	17
4	3	5	8	26,4	75,1	101,5	387	59,2	78	29	16
5	3	5	8	34,3	65,6	99,9	339	46,3	58	28	7
6	1	4	5	7	60,5	67,5	395	49,0	56,0	26	4
7	1	5	6	11	59,7	70,5	195	49,7	50	15	10
8	0	5	5	0	59,2	59,2	274	46,7	57	21	5
9	0	5	5	0	63,6	63,6	494	56,0	69,3	24	11
10	0	3	3	0	35,0	35	200	31	39,7	12	13
11	0	2	2	0	31	31	237	33,0	34	13	11
12	0	3	3	0,0	30,9	30,9	202	20,8	24	8	11
13	1	3	4	13	27	40,3	245	37,0	34,0	10,0	8
14	2	5	7	32	57,8	90,0	273	31,0	37,0		3
15	4	4	8	48	43,0	91,1	229	33,0	44	22	8
16	2	4	6	19	39,7	58,4	245	35,0	31	18	8
17	2	3	5	19	38,0	56,7	318	68	55	16	9
18	0	3	3	2,8	53,2	55,9	577	78	65	29	18
19	1	3	4	16	63,0	78,9	1132	83,0	88,8	31	18
20	2	4	6	19,9	87,2	107,1	1732	99,3	116	60	12
21	1	4	5	9,3	84,4	93,7	2229	100	94	68	6
22	2	3	5	24,1	97,1	121,3	2534	99,3	114	68	9
23	2	3	5	20,5	99,2	119,8	2296	111,7	120		5
24											
25	2	4	6	27,9	108,1	136,0	2632	117,2	137	81,0	12
26	2	4	6	27,3	102,6	129,8	2281	100,4	115	80	13
27	1	4	5	11,0	92,2	103	1904	88	162	57,5	16
28	1	4	5	15,0	79,5	94,5	1105	91	137	41,0	11
29											
30	3	7	10	32,2	76,5	108,7	229	54,0	66,5	24,0	10
31	2	5	7	26,1	54,3	80,4	152,8	31,3	46,333	21	12
	<b>1,62</b>	<b>4,14</b>	<b>5,76</b>	<b>20,4</b>	<b>66,0</b>	<b>86,3</b>	<b>863,4</b>	<b>68,1</b>	<b>78,8</b>	<b>35,8</b>	<b>313</b>

Monthly mean: **86,3**    Covering: **29/31**    Spotless days: **0**  
 Observations: **313**    Number of observers: **22**

V.V.S. BELGIUM SOLAR SECTION    FRANKY DUBOIS

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Observers:

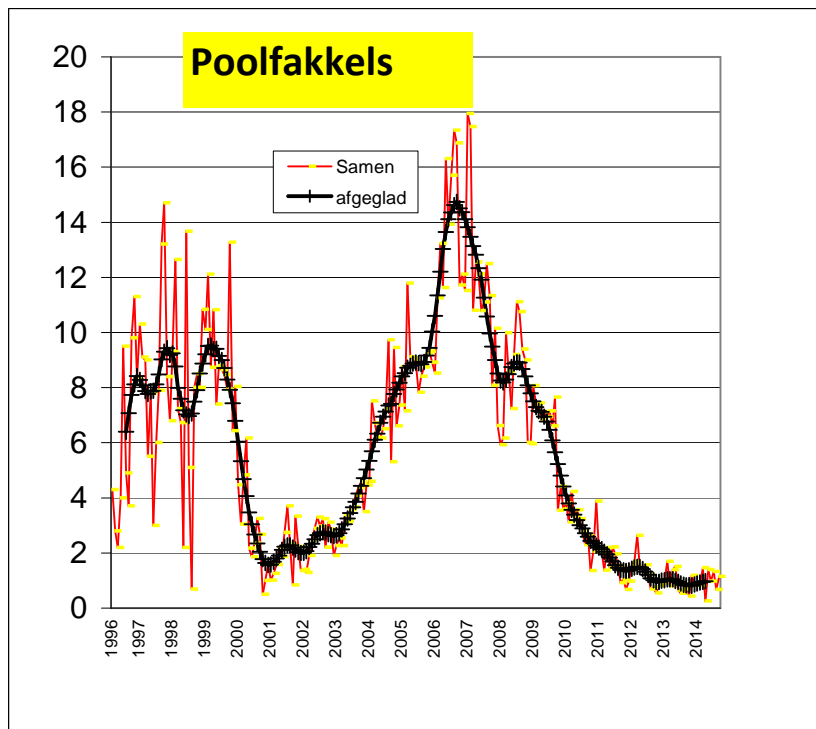
E.De Ceuninck ; J.Janssens ; Publ obs Mira ; J.Bourgeois ; R.Dezeure ; F.Feys  
 H. De Backer; F.Dubois ; B.Taillieu ; J.Carels ; E.Neven ; R.De Laet ; M.Decks ; G.Verbanck  
 L.Meeus ; O.Steen ; KSB ; L.Claeys ; B.Thooris ; J.Bonse ; G.Gubbels ; J.De Wit  
 J.Claes ; R.Verboven ; F. Van Loo ; A.T.Son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

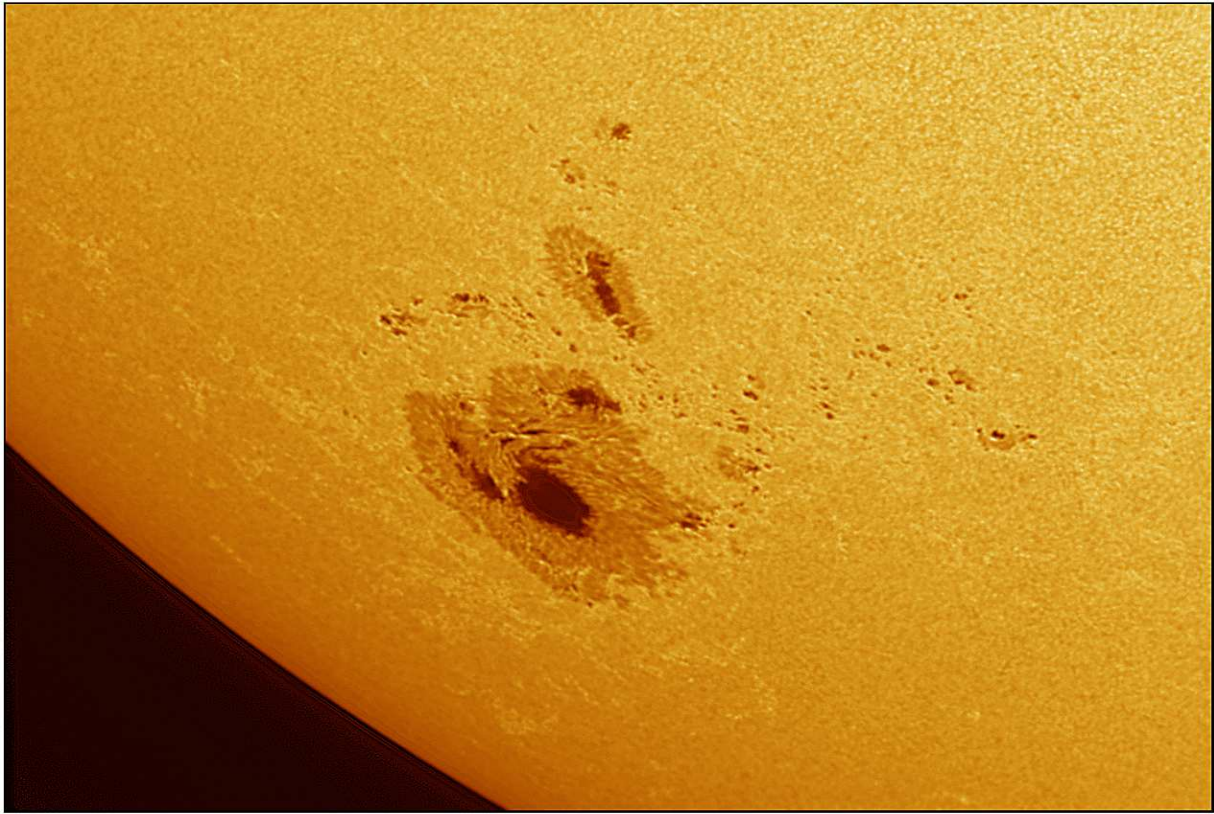
# Belgian Solar Observers

## Polar Faculae

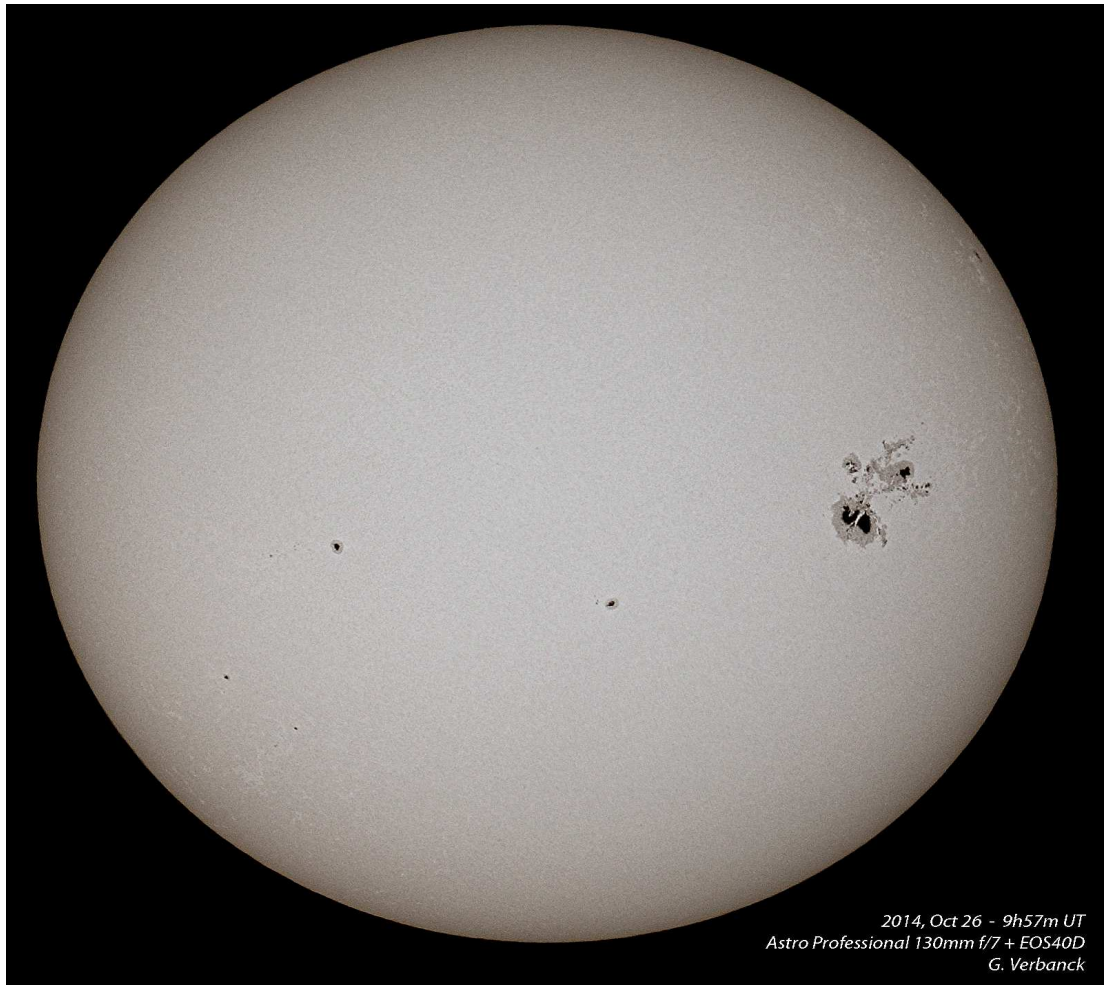
Month: October 2014

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	3	3	4	0	0	3,5	0	0	4																			
2	4	1	3	0	2	3,5																							
3	2	2	3	1	1	4,0	0	0	4																				
4							0	0	4							0	0	3											
5				2	0	3,0																							
6																													
7																													
8																													
9				0	1	3,0																							
10																													
11	1	1	3	0	1	3,5																							
12																													
13																													
14																													
15				0	0	3,0																							
16	0	0	3	0	0	3,5																							
17	0	1	3	1	0	3,5																							
18																0	0	3											
19																0	1	3											
20				0	0	3,5																							
21																													
22																0	1	3											
23																0	1	3											
24																													
25																													
26																													
27				1	1	3,5	0	0	4																				
28																													
29																													
30																													
31																													
																		1,67	1,33	0,45	0,55	0,0	0,0	#####	#####	#####	#####	0,00	0,60





The Sun, AR2192, 19 Oct 2014, 08h30 UT.  
TEC140 APO refractor, Baader Herschel wedge, Baader ND 8 Solar Continuum filters,  
TeleVue Powermate 2.5x, Celestron Skyris 445M.  
Firecapture, Autostakkert, Registax, Photoshop.  
Seeing fair, imaging between clouds.  
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2014, Oct 26 - 9h57m UT  
Astro Professional 130mm f/7 + EOS40D  
G. Verbanck