

Newsletter Belgian Solar Observers

Results and news from solar observers

Volume 20

Number 234

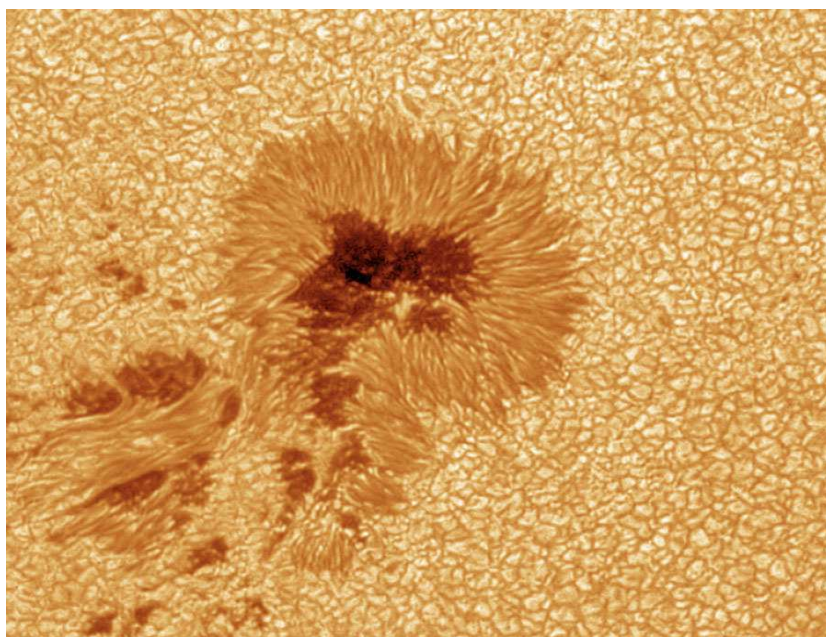
August 2015

Franky Dubois Poelkappellestraat 57 langemark 8920

Web site: <http://www.bso.vvs.be> e-mail astrosun@skynet.be

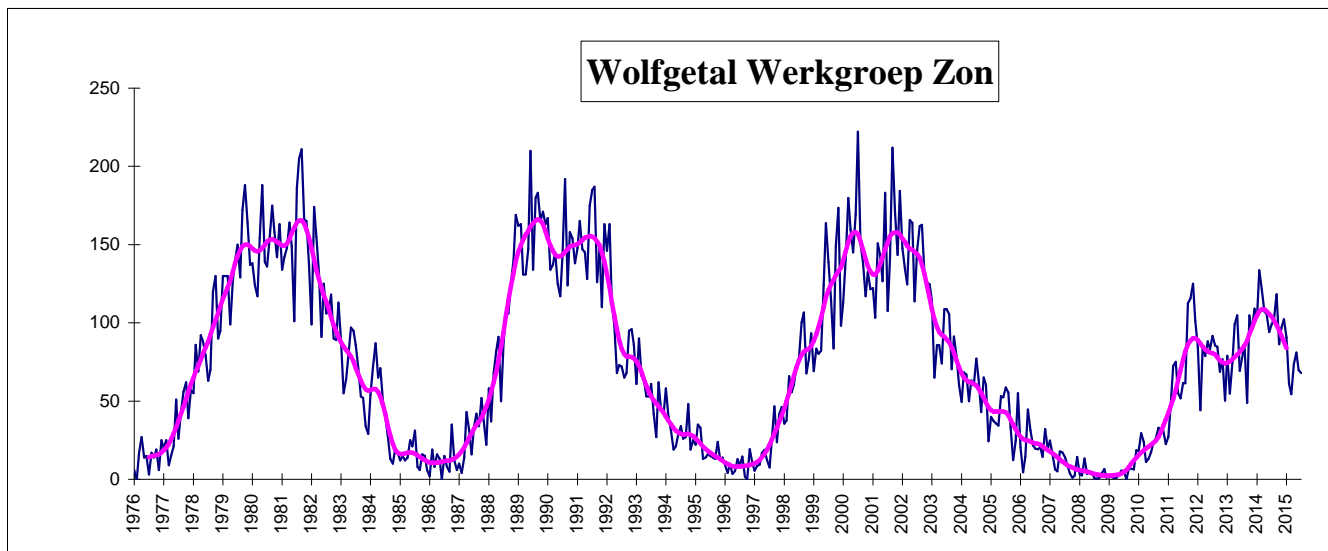
Content Newsletter

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



Leo Aerts

23/08/2015



Mean of August 2015 observations

<u>Groups</u> :	N	1,93	<u>Wolfnumb</u> N	21,8	<u>Beck</u> :	558,6
	S	1,50	S	34,3	<u>CV</u>	46,8
	N+S	3,43	N+S	56,1	<u>SN</u>	59,1
404 observations	24 observers				<u>IS</u>	28,7

Sunspotnumbers VVS Belgium

Month: August 2015

Day	GROUPS			WOLFNUMBER							
	N	S	N+S	N	S	N+S	RE'	CV	SN	IS	OBS
1	3	1	4	38	16,4	54	268	38,7	43,0	19	16
2	4	1	5	41	13,2	54	231	29,3	34,7	13	17
3	4	1	5	43,4	8,7	52,1	267	32,0	34,3	15,5	18
4	4	2	6	50,0	33,0	83,0	448	49,5	73,0	30,5	14
5	3	2	5	41,1	42,3	83,5	590	68,4	80,0	39,5	20
6	4	2	6	50,4	41,6	92,0	658	79,4	95,7	35,5	18
7	4	2	6	47	45,4	92,2	799	83,0	87,0	37,5	17
8	4	1	5	40,8	37	77,5	826	77,0	75,7	37,0	14
9	3	1	4	24,4	38,9	63,3	859	72,3	87,3	37,5	13
10	2	1	3	21,3	38,1	59,5	752	70,3	75,7	31,5	11
11	2	1	3	28,4	33,5	61,9	764	69,0	60,0	36	10
12	2	2	4	22,5	36,8	59,3	499	61,7	54,5	25,0	8
13	2	2	4	19	30	49,4	308	48,2	61,0	20,5	14
14	1	2	3	16	24	40	161	20,8	31,3	16	13
15	1	1	2	22,5	9,0	31,5	162	24,0			2
16	1	1	2	12,0	21,7	34	95	6,3	14,3	18	16
17	1	1	2	5,5	23,5	29,0	69	3,0	9,0	10	2
18	1	2	3	13,3	33,7	47,0	239	26,5	127,0	30	3
19	1	2	3	5,6	43,2	48,8	269	28,3	52,5	25	13
20	0	2	2	0,0	49,6	49,6	461	48,3	78,0		11
21	2	2	4	18	50	68	1035	50,8	75,3	53,5	17
22	1	1	2	13	53	65,7	1074	54,7	96,5	47	19
23	1	1	2	14,4	51,3	65,7	1160	59,1	76,5	42,3	20
24	2	1	3	17,3	52,9	70,2	1266	59,5	82,3	53,5	12
25	1	1	2	9	49	58	1312	54,3	37,5	35	9
26	0	1	1	0	40	40	1029	49,8	46,0	27	12
27											
28	0	2	2	0	39,6	39,6	618	53,7	42,5	22	16
29	1	2	3	11,1	38,0	49,1	393	56,4	49	21,7	16
30	1	3	4	11	29,5	40,3	121	23,1	25,25	15	19
31	2	1	3	20	7,9	27,4	28	6	9	9,5	14
	1,93	1,50	3,43	21,8	34,3	56,1	558,6	46,8	59,1	28,7	404

Monthly mean: **56,1** Covering: **30/31** Spotless days: **0**
 Observations: **404** Number of observers: **24**

V.V.S. BELGIUM SOLAR SECTION FRANKY DUBOIS

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Observers:

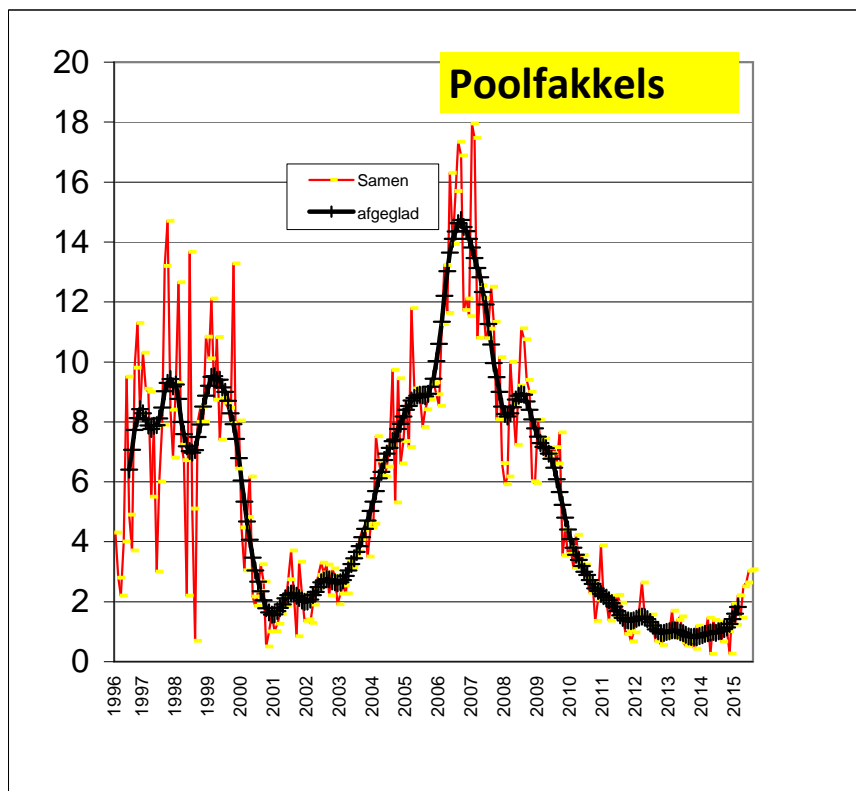
E.De Ceuninck ; J.Janssens ; Publ obs Mira ; J.Bourgeois ; R.Dezeure ; F.Feys
 H. De Backer; F.Dubois ; B.Taillieu ; J.Carels ; E.Neven ; R.De Laet ; G.Verbanck
 L.Meeus ; O.Steen ; KSB ; L.Claeys ; B.Thooris ; G.Gubbels ; J.De Wit; Neys J.
 J.Claes ; R.Verboven ; F. Van Loo ; A.T.Son ; H.Coeckelberghs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

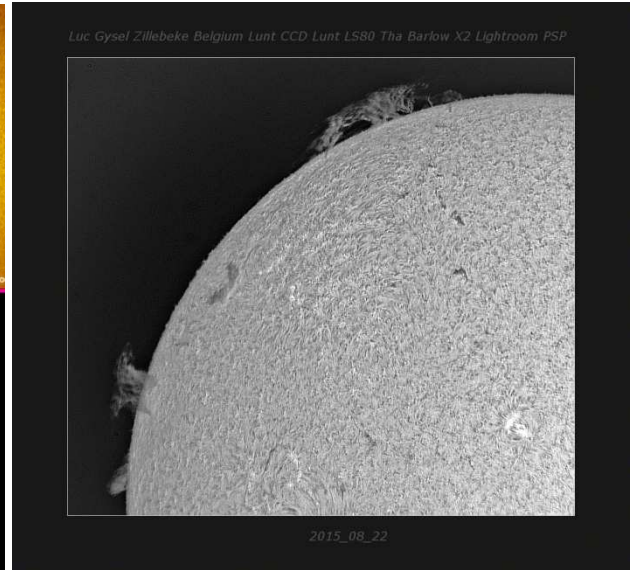
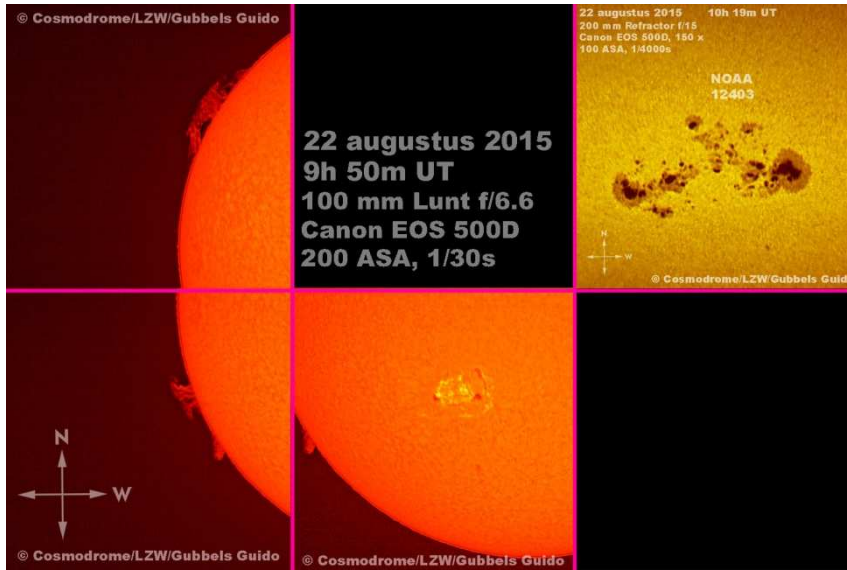
Belgian Solar Observers

Polar Faculae

Month: August 2015

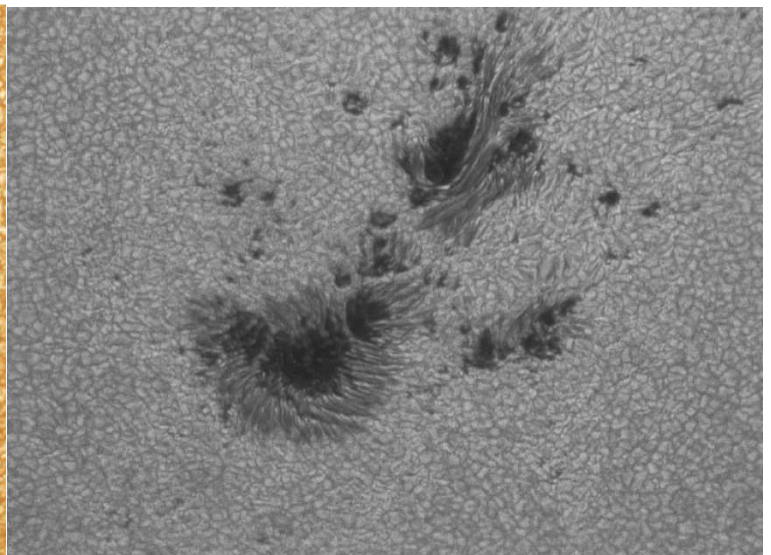
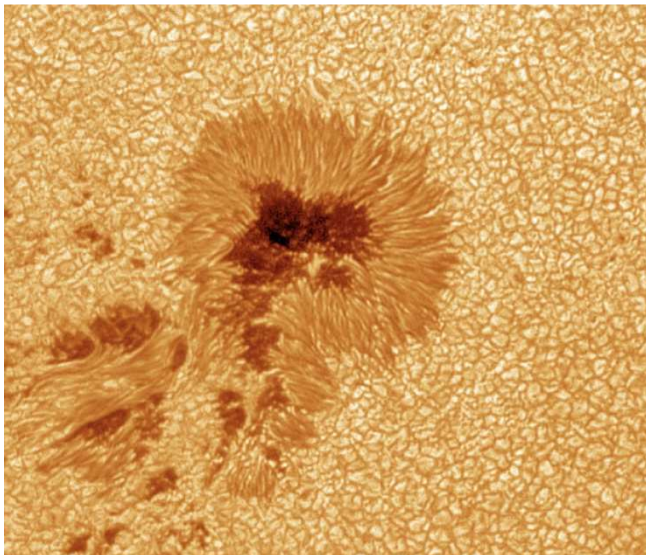
Date	Dubois 125mm F20			Steen 102mm F15			T.Spaninks 127mm F15			G.Gubbels 114mm F7,8			J.Carels			Janssen 200mmF10		
	North	South	Q	North	South	Q	North	South	Q	North	South	Q	North	South	Q	North	South	Q
1	4	3	4	0	1	4,0										1	4	3,5
2	2	3	4	0	3	4							0	3		2	6	5
3				0	2	3,5												
4				1	1	3,5							0	3				
5	1	5	4	2	2	4,0												
6	2	5	4															
7	2	2	3	2	1	3,5												
8																0	4	3
9	1	2	4	1	0	3,5							1	3				
10																		
11																		
12																		
13																		
14	0	5	4	0	1	3,5										0	0	3
15																		
16													0	1		0	2	3
17																		
18																		
19																0	7	4
20																1	4	4
21	2	3	4	0	0	4,0	0	0	4				0	1		1	4	4
22	1	2	4	0	2	4,0	0	0	5	2	1	4				0	2	4
23	1	0	3	2	3	3,5	0	0	4	3	1	3,5				0	1	3
24	2	3	3	0	1	4,0							1	3				
25	0	2	4	0	3	3,5												
26	1	2	3	1	2	3,5										1	3	4
27																		
28				2	3	3,5	0	0	4	2	3	3	1	3		1	3	3
29	1	3	3	0	3	4,0	0	1	4	3	2	3				1	1	4,0
30				0	1	4,0				5	2	3				0	3	4,0
31										4,0	2	2,5						
	1,43	2,86		0,65	1,71		0,0	0,2		3,2	1,8		0,50	2,43		0,57	3,14	



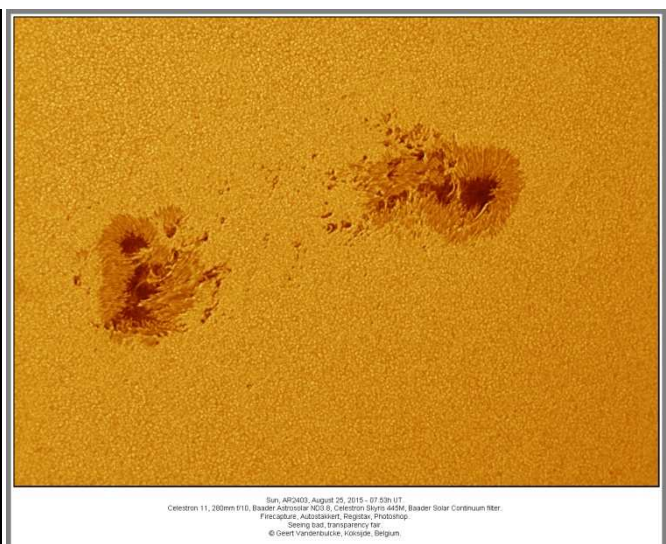
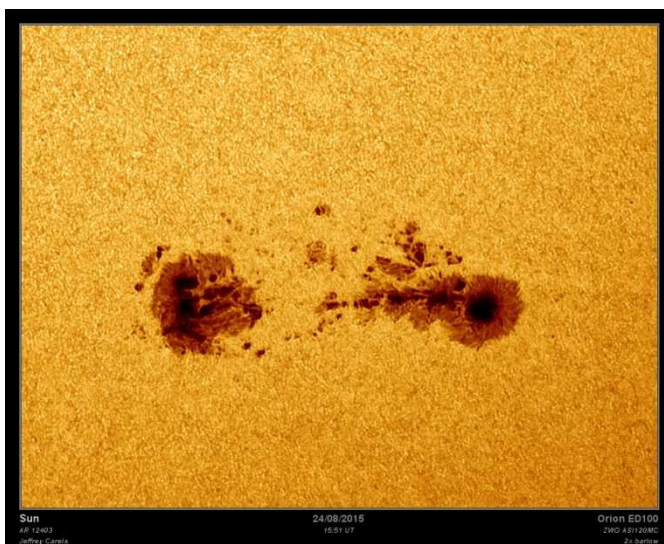


22 August 2015 Guido Gubbels

22 August 2015 Luc Gysel

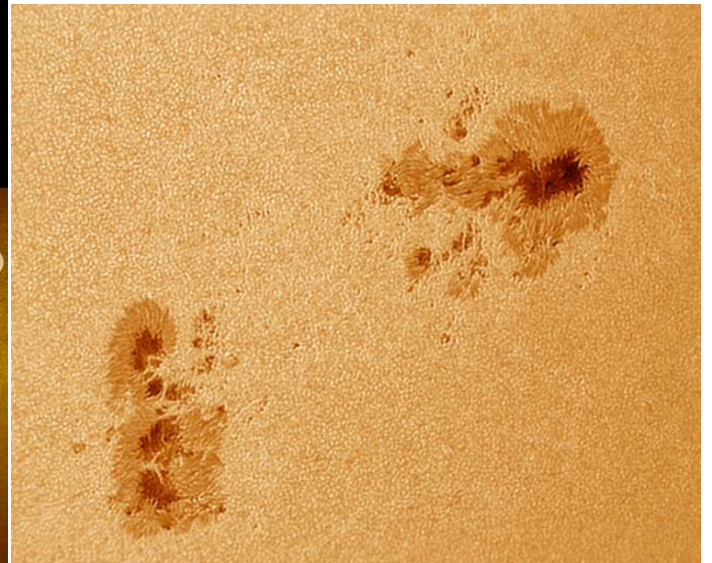
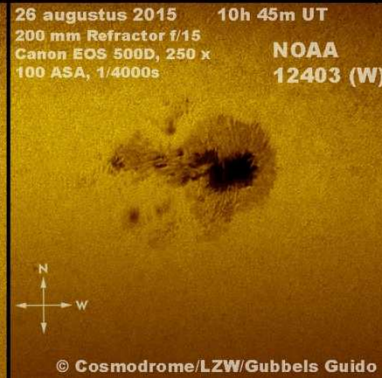
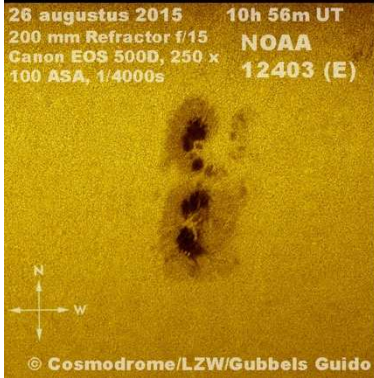
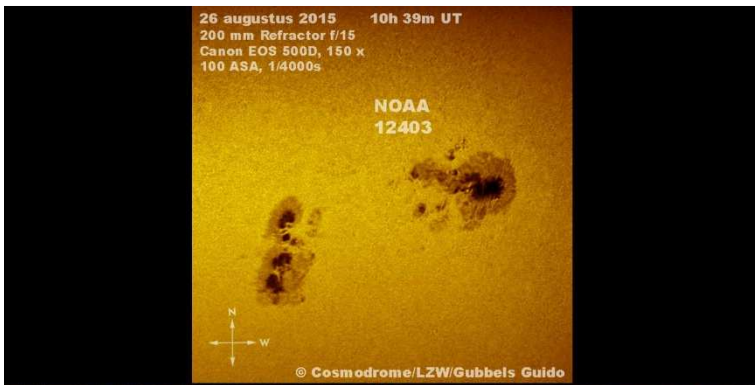


23 august 2015 Leo Aerts



24 august 2015 Jeffrey Carels

25 august 2015 Geert Vandebulcke



26 August 2015 Guido Gubbels 26 August 2015 Leo Aerts



28 August 2015 Jeffrey Carels 28 August 2015 Leo Aerts



Left
30 August 2015
Right
31 August
Guido Gubbels

