

Newsletter Belgian Solar Observers

Results and news from solar observers

Volume

20

Number

236

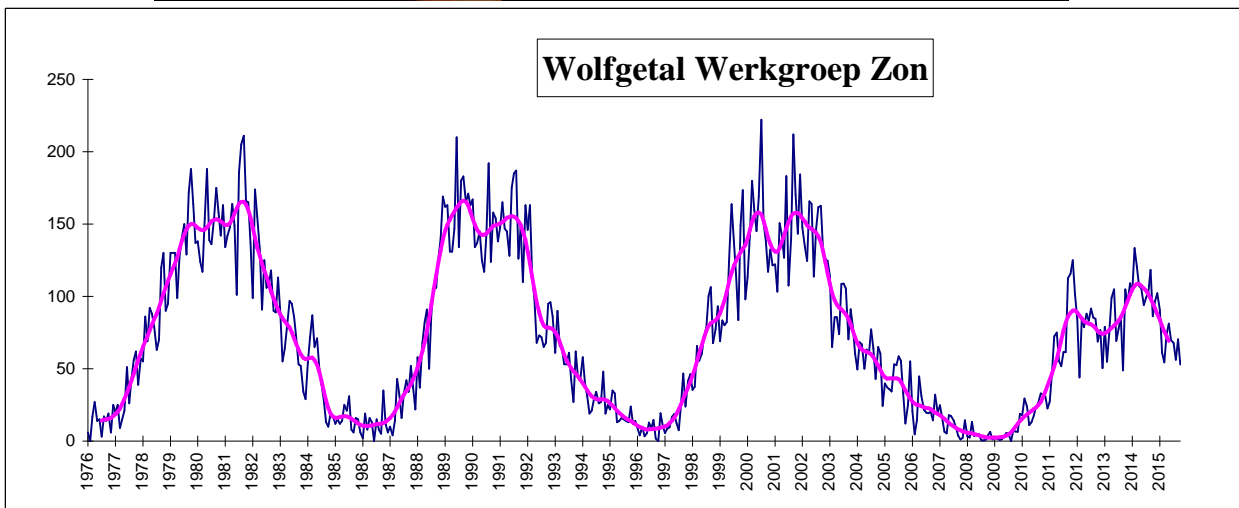
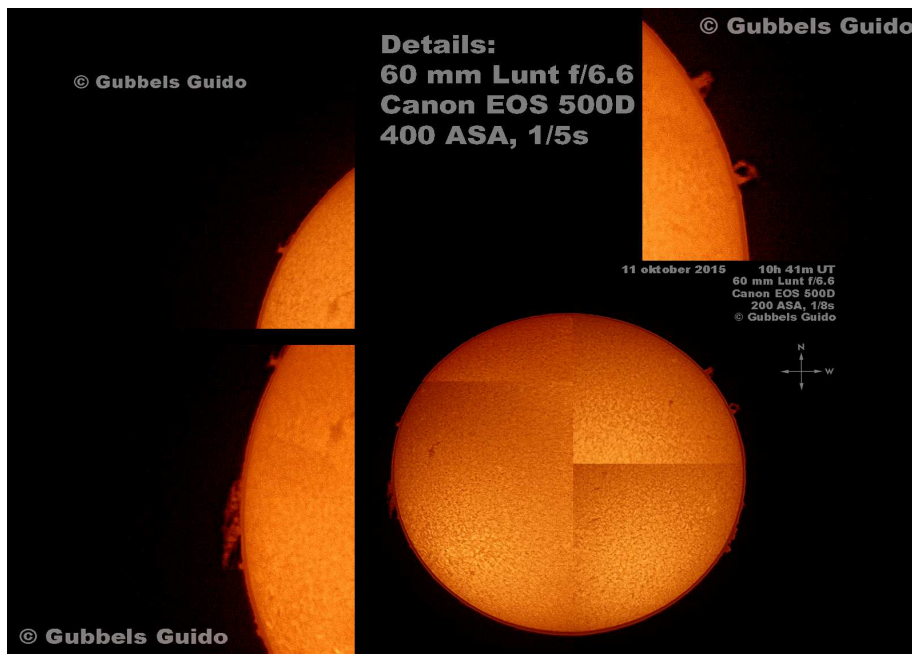
October 2015

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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 October 2015 observations

Groups :	N	1,62	Wolfnumb N	26	Beck :	366,8
	S	2,10	S	26,9	CV	47,5
	N+S	3,72	N+S	52,9	SN	45,2
260 observations	22 observers				IS	19,6

Sunspotnumbers VVS Belgium

Month: **October 2015**

Day	GROUPS			WOLFNUMBER							
	N	S	N+S	N	S	N+S	RE'	CV	SN	IS	OBS
1	3	1	4	50,3	29	79,5	1115	86,8	105,5	48	17
2	2	1	3	30,9	24	54,7	613	84,5	73,3	29	19
3	2	1	3	30,9	13,2	44,1	375	51,5	57,0	21,0	13
4	1	0	1	21,3	0,0	21,3	139	21,8	25,3	10,0	15
5	1	0	1	14,4	0,0	14,4	102	23,5	22,0		5
6	1	1	2	11,4	8,7	20,1	29	12,7	12,5	4,0	7
7	1	1	2	11	16,3	27,0	49	12,5	13,0	4,0	3
8	0	3	3	0	33	32,8	75	10,0	18,0	7,5	9
9	0	2	2	0	20,8	20,8	47	7,8	12,5	5,0	12
10	0	2	2	0	15,2	15,2	27	3,3	7,3	1,5	6
11	0	3	3	1,2	25,4	26,6	66	10,0	17,3	4,0	18
12	1	3	4	13,5	31,6	45,1	111	20,6	26,7	13,5	16
13	1	4	5	21	44	64,7	214	34,3	35,0	18	7
14	1	3	4	13	42,0	55,0	137	26,0	42,0	18	1
15	0	3	3	0	45,7	45,7	196	31,3	34,5	18	3
16	0	3	3	0	45,0	45,0	247	33,0	37,0	17	1
17	0	3	3	0	33,0	33,0					1
18	1	3	4	19,7	51,7	71,4	457	72,8	72,7	23,5	14
19											
20	1	4	5	22,5	67,9	90,4	881	80,3	85,0	32,0	7
21	1	3	4	32	45	77,0	699	110,0			1
22	1	4	5	40	57	97,0	769	65,0	101,0	43,0	3
23	2	3	5	44,0	42,0	86,0	562	92,0			2
24	2	3	5	32,6	29,4	62,0	515	54,0	45,0		5
25	2	2	4	34	26	59,2	407	44,8	46,0	19,0	9
26	4	2	6	50	11	60,8	416	41,2	62,3	29,3	17
27	5	1	6	58	4	62,0	217	39,6	50,7	21,0	14
28											
29	5	1	6	71,8	11,0	82,8	388	127,0			6
30	4	1	5	62	7,9	69,4	559	73,0	58	27,0	12
31	5	0	5	70	0,0	70,2	861	62	69,333	38,5	17
	1,62	2,10	3,72	26,0	26,9	52,9	366,8	47,5	45,2	19,6	260

Monthly mean: **52,9** Covering: **29/31** Spotless days: **0**
 Observations: **260** Number of observers: **22**

V.V.S. BELGIUM SOLAR SECTION FRANKY DUBOIS

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Observers:

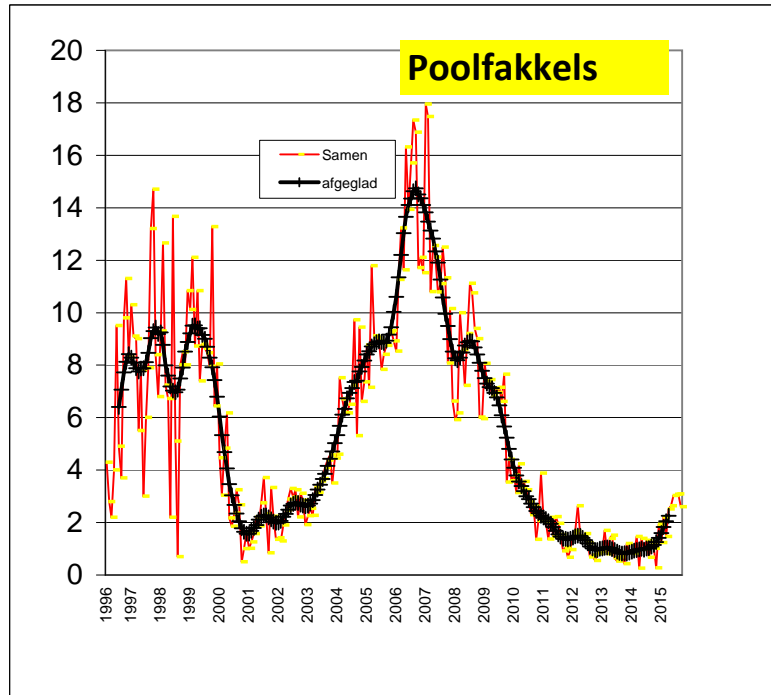
E.De Ceuninck ; J.Janssens ; Publ obs Mira ; J.Bourgeois ; R.Dezeure ; F.Feys
 H. De Backer; F.Dubois ; B.Taillieu ; J.Carels ; R.De Laet ; G.Verbanck
 L.Meeus ; O.Steen ; KSB ; L.Claeys ; B.Thooris ; G.Gubbels ; J.De Wit; J. Neys
 R.Verboven ;F. Van Loo ; A.T.Son ; H.Coeckelberghs ; D.Van Hessche; I.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

Belgian Solar Observers

Polar Faculae

Month: October 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	2	3	3				0	0	4	3	1	3						
2							0	0	4	5	2	3.5						
3				2	1	3,5												
4										6	1	4				0	1	4
5																		
6																		
7				2	1	3,5												
8																		
9				2	2	3,5												
10							0	0	4									
11				1	4	4	0	0	3	5	1	3.5				0	3	3
12				0	0	3,5	0	1	4									
13	1	3	4															
14																		
15																		
16																		
17																		
18				0	2	3,5	0	1	4									
19																		
20																		
21																		
22																		
23																		
24																		
25	2	2	4	2	2	3,0												
26										6	3	4						
27				0	1	3,5				4	2	3.5						
28																		
29																		
30																		
31	4	3	3							3	1	4				0,0	3,0	3,5
	2,25	2,75		1,13	1,63		0,0	0,3		4,6	1,6		#####	#####		0,00	2,33	



N.O.A.A.	ZICHTBAAR		N.O.A.A.	MAX	MAX	classificatie								
Regio	van	tot	breedte	lengte	AREA	LENGTE	Macintosh							
12431	10-10-15	19-10-15	S18	202	0050	02	HAX	HS	CAO	AXX				
12432	11-10-15	17-10-15	S21	219	0020	07	CRO	DRO	BXO					
12433	12-10-15	14-10-15	N19	304	0030	04	DRI	AXX						
12434	13-10-15	24-10-15	S10	164	0260	08	CAI	DAI	DKI	DAC	DAI	CAO		
12435	16-10-15	26-10-15	S15	127	0030	02	HAX	HSX	HRX	AXX				
12436	17-10-15	29-10-15	N09	111	0290	14	DAI	EKC	EAI	EKI	ESO	ESI	ESO	CAO
12437	17-10-15	29-10-15	S19	99	0060	06	HAX	CAO	HSX	HRX	AXX	CRO	CSO	
12438	22-10-15	23-10-15	S18	142	0010	02	BXO	AXX						
12439	22-10-15	27-10-15	N16	41	0060	02	HAX	HSX	HRX					
12440	26-10-15	31-10-15	N19	66	0040	05	CSO	DAO	DSO	DAO	BXO	AXX		
12441	27-10-15	02-11-15	N15	4	0030	05	DRO	CAI	CRO	BXO				
12442	28-10-15	01-11-15	N16	27	0030	08	CAO	DRO	CRO	AXX	HRX			
12443	29-10-15	10-11-15	N06	314	0650	18	EHC	EKC	FKC	FHC	FSC	ESO	CSO	HSX
12444	29-10-15	30-10-15	S04	331	0010	04	CRO	BXO						
12445	01-11-15	05-11-15	N16	27	0240	12	DAI	DAC	EAC	EAI	HSX			
12446	01-11-15	06-11-15	N15	349	0020	04	CRO	BXO	CRO					
12447	03-11-15	06-11-15	N03	294	0020	06	CRO	BXO	AXX					
12448	04-11-15	13-11-15	N06	224	0140	10	DSO	DAI	DAO	CAO	BXO	AXX		
12449	06-11-15	16-11-15	S12	206	0150	10	CRO	DAO	DAI	CAO	CRO	BXO		
12450	07-11-15	11-11-15	S23	207	0010	05	BXO							
12451	07-11-15	10-11-15	N03	241	0030	02	CRO	HRX	AXX					
12452	11-11-15	11-11-15	S08	174	0010	01	AXX							
12453	13-11-15	16-11-15	N06	182	0020	05	BXO							
12454	13-11-15	24-11-15	N11	120	0150	08	BXO	CRO	DAC	DAI	CAO			
12455	14-11-15	17-11-15	N15	137	0030	05	BXO	CRO	DRO	BXO				
12456	16-11-15	23-11-15	N06	120	0050	09	BXO	DRO	DAI	DRO	CAO	BXO		

