

Newsletter Belgian Solar Observers

Results and news from solar observers

Volume

19

Number

225

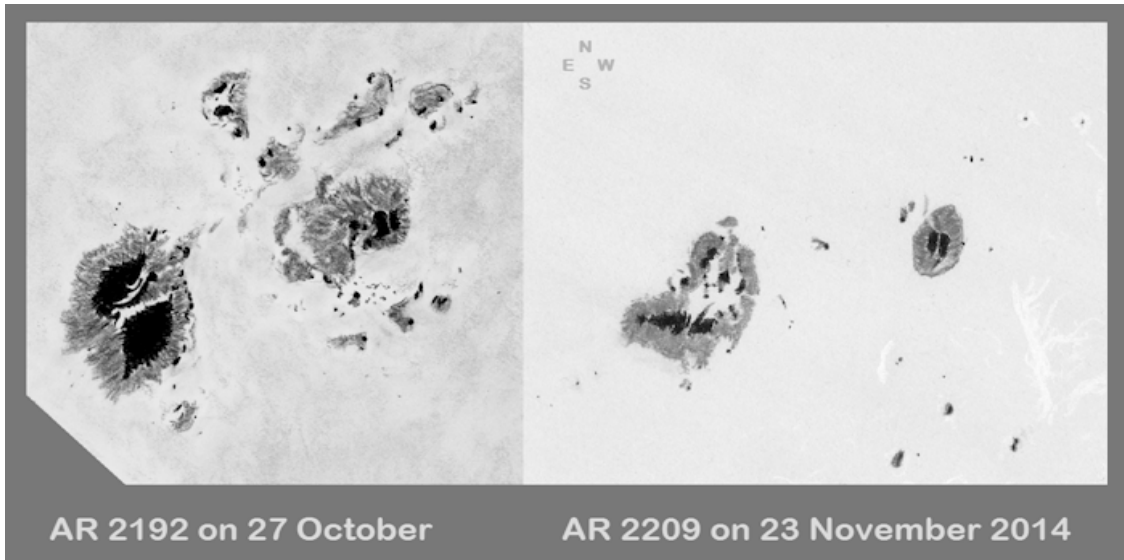
November 2014

Franky Dubois Poelkappellestraat 57 langemark 8920

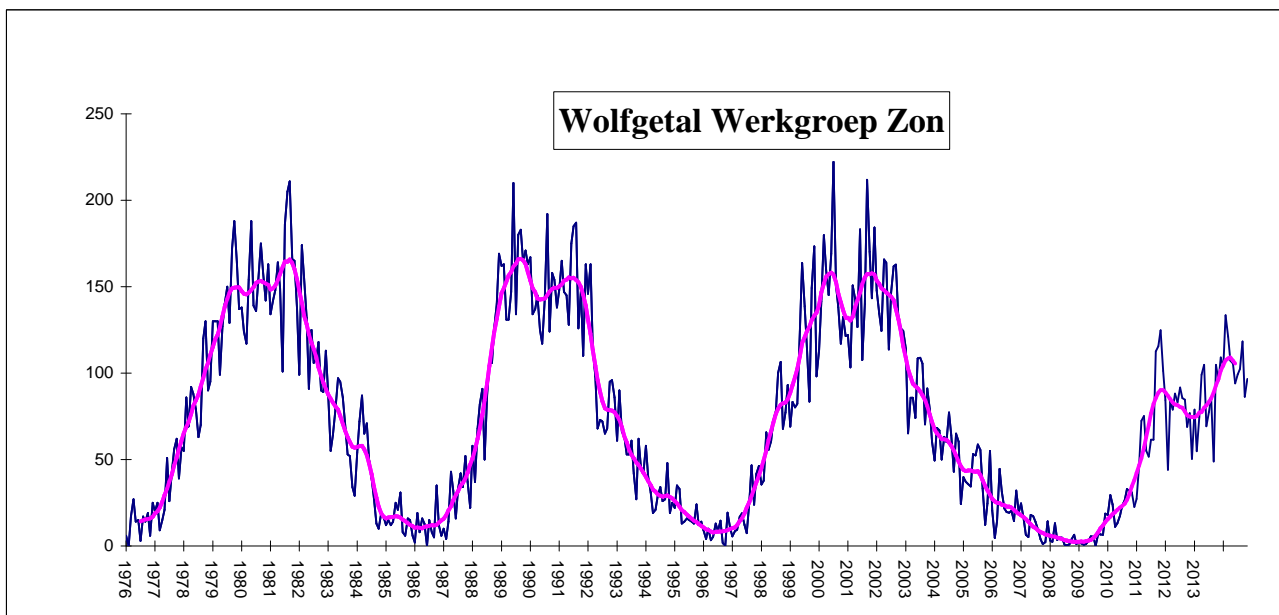
Web site: <http://www.bso.vvs.be> e-mail: astrosun@skynet.be

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



Jef De Wit



Mean of November 2014 observations

Groups :	N	2,52	Wolfnumb N	40,1	Beck :	786,3
	S	3,74	S	56,6	CV	88,3
	N+S	6,26	N+S	96,7	SN	85,6
278 observations	23 observers				IS	38,9

Sunspotnumbers VVS Belgium

Month: **November 2014**

Day	GROUPS			WOLFNUMBER							
	N	S	N+S	N	S	N+S	RE'	CV	SN	IS	OBS
1	4	3	7	54,8	36,4	91,2	242	40	52	28	19
2	4	3	7	64,2	31,3	95,4	535	62,4	90,2	38	20
3	4	3	7	66,7	33,8	100,5	324	72,0			2
4	4	4	8	48,2	52,8	101,0	417	66,0	58		5
5	5	5	10	67,3	64,8	132,1	651	89,0	108	52	12
6	4	4	8	63,9	51,4	115,3	750	80,7	87,0	41	7
7	4	3	7	68	36,8	105,3	848	70,3	71	37	7
8	2	3	5	50,3	28,5	78,8	773	60,5	94	33	17
9	2	3	5	50,1	33,6	83,8	830	86,7	71,0		12
10	2	2	4	40,9	25,1	66	560	60	80,0	26	17
11	2	2	4	43,0	35	78	881	64,5	99	47	16
12	2	3	5	38,7	52,5	91,3	807	66,3	107	36	8
13	4	4	8	52	53	105,0	573	95,3	118,0	26,0	12
14	3	4	7	38	68,4	106,5	908				2
15	3	4	7	34	72,8	107,3	956	86,0	65		4
16											
17	1	5	6	11	77,1	88,3	656	64	49	39	11
18	0	3	3	0	65	65	623				1
19											
20	1	4	5	12,8	51,2	64,0	603	93,3	44	16	9
21	0	3	3	2,9	54,4	57,3	797	91	46	24	10
22	0	5	5	0,0	65,6	65,6	740	97,0	57	34	17
23	0	5	5	0,0	71,3	71,3	789	117,4	55	31,5	15
24	2	5	7	15,5	78,9	94,4	765	151,5	98	43,0	14
25	2	4	6	24,9	92,5	117,4	978	140,5	134	61,0	12
26	2	5	7	40	101	141,0	1702				1
27	2	3	5	48	60	108	965				1
28	4	4	8	68	60,6	129,0	1095	133	143	53,0	8
29	5	5	10	78	75,8	153,8	1466	156	158	74,0	19
30											
	2,52	3,74	6,26	40,1	56,6	96,7	786,3	88,8	85,6	38,9	278

Monthly mean: **96,7** Covering: **27/30** Spotless days: **0**
 Observations: **278** Number of observers: **23**

V.V.S. BELGIUM SOLAR SECTION FRANKY DUBOIS

Poekapellestraat 57
 B8920 Langemark
 Belgium
 e-mail : astrosun@skynet.be

Observers:

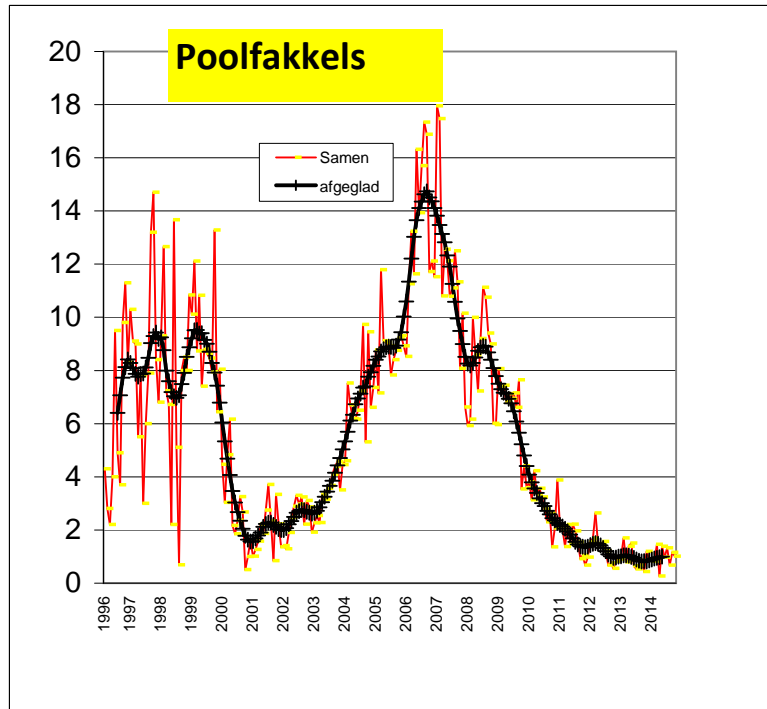
E.De Ceuninck ; J.Janssens ; Publ obs Mira ; J.Bourgeois ; R.Dezeure ; F.Feys
 H. De Backer; F.Dubois ; B.Taillieu ; J.Carels ; E.Neven ; R.De Laet ; M.Decks ; G.Verbanck
 L.Meeus ; O.Steen ; KSB ; L.Claeys ; B.Thooris ; J.Bonse ; G.Gubbels ; J.De Wit
 J.Claes ; R.Verboven ; F. Van Loo ; A.T.Son ; H.Coeckelberghs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

Belgian Solar Observers

Polar Faculae

Month: November 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	1	0	4	0	0	3,0									0	0	3,0	
2															0	0	4	
3																		
4																		
5	1	3	3															
6																		
7																		
8															0	0	3	
9																		
10															0	0	4	
11	1	1	4	0	0	3,5									2	0	4	
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21				0	1	3,5												
22															0	0	3	
23																		
24				0	0	3,5												
25																		
26																		
27																		
28																		
29				0	1	3,5									0	0	3,0	
30																		
	1,00	1,33		0,00	0,40		####	#####		#####	#####		#####	#####	0,29	0,00		



N.O.A.A.	ZICHTBAAR		N.O.A.A.	MAX	MAX	classificatie								
Regio	van	tot	breedte	lengte	AREA	LENGTE	Macintosh							
12164	11-09-14	19-09-14	S13	47	0090	11	CRO	DSI	DAI	EAO	DAC	CAO		
12165	11-09-14	17-09-14	S08	12	0020	09	CAO	CRO	BXO					
12166	11-09-14	19-09-14	N13	355	0060	11	AXX	CRO	DAO	CAO	DSO			
12167	14-09-14	19-09-14	N08	346	0010	01	AXX							
12168	17-09-14	20-09-14	S22	313	0020	05	BXO	CAO	CSO	AXX				
12169	17-09-14	26-09-14	N05	291	0060	08	CSO	HAX	CAO	HSX	AXX			
12170	17-09-14	26-09-14	N11	290	0060	03	HSX	HAX	AXX					
12171	19-09-14	30-09-14	S11	264	0160	15	DSO	DAO	EAI	EAC	EAO	CAO	CSO	HSX
12172	20-09-14	03-10-14	S11	242	0570	17	EKC	FKC	FHC	FAO	ESO	AXX		
12173	20-09-14	02-10-14	S16	250	0160	13	HRX	CAO	DAC	EAC	EAI	DAI	HAX	
12174	22-09-14	24-09-14	N15	8	0030	01	AXX	HSX						
12175	25-09-14	01-10-14	N16	263	0500	11	CAI	DAC	DKC	EKC	DAO			
12176	25-09-14	05-10-14	N08	213	0040	09	AXX	BXO	DRO	CAO				
12177	24-09-14	05-10-14	N12	168	0200	13	HSX	DAO	EAI	EAC	DAO	CSO	AXX	
12178	27-09-14	09-10-14	S02	152	0180	07	HSX	CAO	DAO	DAC	DAI	CAI	HAX	
12179	28-09-14	05-10-14	S11	141	0060	02	HSX	HAX	AXX					
12180	30-09-14	01-10-14	N13	197	0010	03	BXO							
12181	30-09-14	08-10-14	S11	162	0080	10	HRX	BXO	DRO	DAO	DSI	CAO	HSX	
12182	03-10-14	11-10-14	S15	121	0170	09	VSO	CSI	DAI	CAO	DSO	DAC	DAO	
12183	03-10-14	07-10-14	N13	89	0020	01	AXX	HRX	AXX					
12184	03-10-14	10-10-14	S19	72	0010	04	HRX	AXX	BXO	AXX				
12185	06-10-14	10-10-14	S14	62	0010	04	BXO	AXX						
12186	07-10-14	19-10-14	S21	19	0200	05	HKX	CSO	HSX					
12187	11-10-14	24-10-14	S10	320	0220	13	HSX	CSO	ESO	HSX	CSO	HSX	HAX	
12188	13-10-14	15-10-14	N17	26	0010	05	BXO							
12189	14-10-14	16-10-14	N22	342	0020	03	BXO	CRO	AXX					
12190	15-10-14	16-10-14	N22	302	0010	06	BXO							
12191	15-10-14	16-10-14	S14	305	0010	05	BXO	AXX						
12192	17-10-14	30-10-14	S13	248	2750	22	DKI	FKC	DKC					
12193	19-10-14	26-10-14	N05	284	0120	07	CRO	DAO	CAO	HAX				
12194	21-10-14	31-10-14	S12	209	0130	06	CSO	CAO	HAX	HRX				
12195	22-10-14	03-11-14	N08	184	0100	12	DSO	CSO	DAI	CSI	CSO	HAX	AXX	
12196	24-10-14	31-10-14	S04	161	0020	05	HSX	HAX	AXX					
12197	24-10-14	30-10-14	S13	161	0030	08	AXX	DRO	CRI	BXO	CSO	AXX		
12198	28-10-14	30-10-14	S13	193	0010	05	AXX							
12199	30-10-14	30-10-14	S17	128	0020	03	CRO							
12200	30-10-14	05-11-14	S16	103	0020	05	CAO	HRX	AXX					
12201	30-10-14	09-11-14	S05	88	0070	08	HAX	CAO	CAI	DAI	CAO	BXO	AXX	
12202	30-10-14	06-11-14	N12	134	0050	06	BXO	CRO	CAO	BXO	AXX			
12203	01-11-14	08-11-14	N12	114	0200	09	CAO	DAO	CAO	HSX				
12204	01-11-14	08-11-14	N06	75	0030	10	CRO	AXX	CRO	BXO	AXX			
12205	04-11-14	16-11-14	N15	12	0410	15	EAC	EKC	DKC	DAC	DAI	DAO	HSX	
12206	05-11-14	06-11-14	S15	33	0010	03	BXO	AXX						
12207	08-11-14	14-11-14	S09	321	0040	08	HAX	HSX	AXX					
12208	09-11-14	20-11-14	S11	308	0160	13	CAO	CAI	DSO	ESC	CAI	BXO		
12209	12-11-14	26-11-14	S15	248	1100	27	HSX	FKC	FKO	FKI	HKX			
12210	13-11-14	13-11-14	N05	291	0010	01	AXX							
12211	13-11-14	15-11-14	N08	3	0020	04	BXO	CRO	AXX					
12212	14-11-14	15-11-14	N16	296	0010	01	HRX	AXX						
12213	15-11-14	19-11-14	S09	274	0040	05	CRO	DAI	CRO	BXO				
12214	16-11-14	23-11-14	S12	224	0020	07	CRO	BXO	CRO	BXO	AXX			
12215	17-11-14	20-11-14	N09	224	0010	05	AXX	BXO	AXX					
12216	20-11-14	02-12-14	S14	164	0720	10	DKO	DKC	DKI	DAO	HSX			
12217	22-11-14	04-12-14	S20	126	0380	14	CAO	CKO	EKC	EAI	CAO	DAI	DAO	
12218	24-11-14	06-12-14	N16	111	0170	09	CSO	HSX						
12219	24-11-14	02-12-14	N05	158	0300	11	BXO	DRI	DAI	EKC	DKO	CAO	HSX	
12220	24-11-14	29-11-14	S16	151	0010	04	AXX	BXO	AXX					
12221	26-11-14	04-12-14	N04	82	0200	12	DRO	EAC	DSI	CAO				
12222	26-11-14	08-12-14	S20	84	0770	14	HRX	DAI	EKC	EKI	EKC	CKO	HKX	
12223	27-11-14	01-12-14	N17	151	0010	06	BXO	AXX						
12224	28-11-14	28-11-14	S24	99	0010	03	BXO							