

Newsletter Belgian Solar Observers

Results and news from solar observers

Volume 22

Number 251

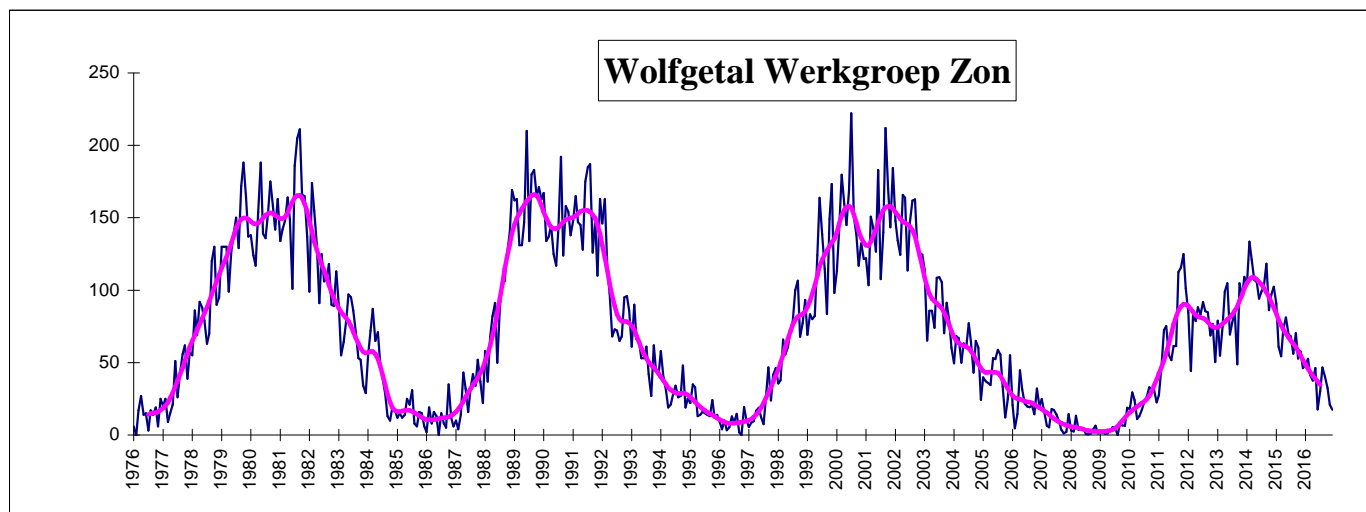
January 2017

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



Mean of January 2017 observations

| | | | | | | |
|------------------|--------------|------|-------------------|------|---------------|-------|
| <u>Groups</u> : | N | 1,69 | <u>Wolfnumb</u> N | 22 | <u>Beck</u> : | 120,4 |
| | S | 0,15 | S | 1,3 | <u>CV</u> | 19,8 |
| | N+S | 1,85 | N+S | 23,3 | <u>SN</u> | 22 |
| 234 observations | 19 observers | | | | <u>IS</u> | 8,4 |

Sunspotnumbers VVS Belgium

Month: **January 2017**

| Day | GROUPS | | | WOLFNUMBER | | | | | | | |
|-----|-------------|-------------|-------------|-------------|------------|-------------|--------------|-------------|-------------|------------|------------|
| | N | S | N+S | N | S | N+S | RE' | CV | SN | IS | OBS |
| 1 | 0 | 1 | 1 | 0 | 7,0 | 7 | 8 | 0 | 0 | | 4 |
| 2 | 0 | 1 | 1 | 0 | 10,1 | 10,1 | 9 | 1,7 | 3,0 | 4,0 | 10 |
| 3 | 0 | 1 | 1 | 0 | 2,4 | 2,4 | 2 | 0,5 | 0,5 | 1,0 | 14 |
| 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 |
| 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13 |
| 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 |
| 7 | | | | | | | | | | | |
| 8 | | | | | | | | | | | |
| 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8 |
| 12 | 1 | 0 | 1 | 11,0 | 0 | 11,0 | 41 | 10,0 | 10,0 | 1,0 | 3 |
| 13 | 3 | 0 | 3 | 27,6 | 0 | 27,6 | 112 | 35,3 | 20,5 | 2,0 | 9 |
| 14 | 3 | 0 | 3 | 28 | 0 | 28 | 175 | 32,0 | 23,0 | 8,0 | 13 |
| 15 | 2 | 0 | 2 | 23,5 | 0 | 23,5 | 111 | 17,0 | 20,0 | | 2 |
| 16 | 2 | 0 | 2 | 24,8 | 0 | 25 | 155 | 28,0 | 31,0 | | 5 |
| 17 | 2 | 0 | 2 | 26,7 | 0 | 26,7 | 161 | 32,3 | 33,5 | 7,0 | 11 |
| 18 | 2 | 0 | 2 | 34,2 | 0 | 34,2 | 156 | 25,3 | 37,5 | 15,0 | 10 |
| 19 | 4 | 0 | 4 | 36,8 | 0 | 36,8 | 135 | 26,0 | 31,0 | 11,0 | 11 |
| 20 | 4 | 0 | 4 | 51,1 | 0 | 51,1 | 264 | 44,0 | 52,7 | 16,0 | 14 |
| 21 | 4 | 0 | 4 | 71 | 0 | 71 | 490 | 51,9 | 69,3 | 40,0 | 19 |
| 22 | 4 | 0 | 4 | 65 | 0 | 64,9 | 532 | 54,0 | 67,2 | 36,5 | 17 |
| 23 | | | | | | | | | | | |
| 24 | 2 | 0 | 2 | 30,0 | 0 | 30,0 | 165 | 31,0 | 36,0 | 12,0 | 1 |
| 25 | | | | | | | | | | | |
| 26 | 2 | 0 | 2 | 35 | 0 | 35 | 210 | 30,6 | 37,3 | 11,0 | 15 |
| 27 | 2 | 0 | 2 | 27 | 0 | 27 | 123 | 30,5 | 32,5 | 7,0 | 8 |
| 28 | 2 | 0 | 2 | 26,7 | 0 | 26,7 | 132 | 28,9 | 30,0 | 7,5 | 15 |
| 29 | 3 | 0 | 3 | 32,0 | 0 | 32,0 | 87 | 22,6 | 22,3 | 4,5 | 9 |
| 30 | | | | | | | | | | | |
| 31 | 2 | 1 | 3 | 23,0 | 14,0 | 37,0 | 61 | 13,0 | 16,0 | 9,0 | 1 |
| | 1,69 | 0,15 | 1,85 | 22,0 | 1,3 | 23,3 | 120,4 | 19,8 | 22,0 | 8,4 | 234 |

Monthly mean: **23,3** Covering: **26/31** Spotless days: **6**
 Observations: **234** 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 ; G.Verbanck; J.Claes
 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: January 2017

| 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 | | | | 2 | 5 | 3 | | | | | | | | | | | | | | | | |
| 3 | | | | | | | | | | | | | | | | | | | | | | |
| 4 | | | | | | | | | | | | | | | | | | | | | | |
| 5 | | | | 1 | 1 | 3,5 | | | | | | | | | | | | | | | | |
| 6 | | | | 1 | 3 | 3,5 | | | | | | | | | | | | | | | | |
| 7 | | | | | | | | | | | | | | | | | | | | | | |
| 8 | | | | | | | | | | | | | | | | | | | | | | |
| 9 | | | | | | | | | | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | | | | | | | | | |
| 11 | | | | | | | | | | | | | | | | | | | | | | |
| 12 | | | | | | | | | | | | | | | | | | | | | | |
| 13 | | | | | | | | | | | | | | | | | | | | | | |
| 14 | | | | | | | | | | | | | | | | | | | | | | |
| 15 | 2 | 4 | 3 | | | | | | | | | | | | | | | | | | | |
| 16 | | | | | | | | | | | | | | | | | | | | | | |
| 17 | | | | | | | 0 | 0 | 4 | | | | | | | | | | | | | |
| 18 | | | | 2 | 4 | 3,0 | | | | | | | | | | | | | | | | |
| 19 | | | | 1 | 4 | 3,5 | | | | | | | | | | | | | | | | |
| 20 | | | | 1 | 3 | 3,5 | | | | | | | | | | | | | | | | |
| 21 | | | | 2 | 3 | 3,5 | 0 | 0 | 3 | | | | | | 3 | 9 | 4 | | | | | |
| 22 | | | | 0 | 2 | 3,5 | 0 | 0 | 3 | | | | 0 | 4 | 3 | | | | | | | |
| 23 | | | | | | | | | | | | | | | | | | | | | | |
| 24 | | | | | | | | | | | | | | | | | | | | | | |
| 25 | | | | | | | | | | | | | | | | | | | | | | |
| 26 | | | | | | | 0 | 0 | 4 | | | | | | | 3 | 10 | 3 | | | | |
| 27 | | | | | | | | | | | | | | | | | | | | | | |
| 28 | | | | | | | 0 | 0 | 3 | | | | | | | | | | | | | |
| 29 | | | | | | | | | | | | | | | | | | | | | | |
| 30 | | | | | | | | | | | | | | | | | | | | | | |
| 31 | | | | | | | | | | | | | | | | | | | | | | |
| 2,00 | 4,00 | | | 1,25 | 3,13 | | | 0,0 | 0,0 | | | ##### | ##### | | | 0,00 | 4,00 | | | 3,00 | 9,50 | |

