



RUDOLF WOLF SOCIETY

SOLAR OBSERVER GROUP OF SWISS ASTRONOMICAL SOCIETY

# MONTHLY BULLETIN OF SUNSPOT ACTIVITY

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## Swiss Wolf Numbers for Dezember 2013

based on observations with the original Fraunhofer - Refractor used by Wolf  
and an international network of 21 contributors

Day	gw	Rw
1	7	118
2	8	107
3	4	51
4	8	110
5	6	88
6	5	76
7	5	84
8	6	106
9	9	133
10	10	151
11	10	153
12	10	149
13	9	141
14	7	96
15	8	135
16	7	105
17	7	120
18	13	194
19	7	106
20	8	135
21	7	110
22	7	95
23	8	120
24	7	105
25	8	110
26	6	73
27	7	91
28	6	88
29	6	120
30	5	96
31	8	119

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Mean gw = 7,3

Mean Rw = 112,4

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## Observer Results for Dezember 2013

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Name	Instrument	Observations
Barnes H.	Refr 76	10
Bissegger M.	Refr 100	1
Dubler F.	Refr 115	1
Enderli P.	Refr 102	7
Friedli T.	Refr 40	10
Friedli T.	Refr 80	10
Menet M.	Refr 102	2
Möller M.	Refr 80	11
Mutti M.	Refr 80	19
Niklaus K.	Refr 126	12
Schenker J.	Refr 120	6
Suter E.	Refr 70	9
Tarnutzer A.	Refl 203	14
Weiss P.	Refr 82	18
Willi X.	Refl 200	2
Zutter U.	Refr 90	22

### Predicted Smoothed Monthly Means

Nov 13 Dez 13 Jan 14 Feb 14 Mar 14 Apr 14

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90 90 90 89 87 84

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