

MONTHLY BULLETIN ON SUNSPOT ACTIVITY

RUDOLF WOLF SOCIETY
SOLAR OBSERVER GROUP OF SWISS ASTRONOMICAL SOCIETY

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Swiss Wolf Numbers for Dezember 2003

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

| Day | gw | Rw |
|-----|----|-----|
| 1 | 8 | 117 |
| 2 | 4 | 46 |
| 3 | 8 | 120 |
| 4 | 3 | 34 |
| 5 | 6 | 77 |
| 6 | 4 | 62 |
| 7 | 3 | 45 |
| 8 | 2 | 28 |
| 9 | 2 | 23 |
| 10 | 3 | 34 |
| 11 | 3 | 35 |
| 12 | 3 | 35 |
| 13 | 3 | 41 |
| 14 | 3 | 42 |
| 15 | 3 | 41 |
| 16 | 3 | 40 |
| 17 | 5 | 62 |
| 18 | 7 | 98 |
| 19 | 7 | 105 |
| 20 | 5 | 75 |
| 21 | 4 | 70 |
| 22 | 6 | 100 |
| 23 | 4 | 89 |
| 24 | 3 | 62 |
| 25 | 3 | 63 |
| 26 | 3 | 55 |
| 27 | 2 | 41 |
| 28 | 3 | 52 |
| 29 | 3 | 40 |
| 30 | 2 | 29 |
| 31 | 2 | 19 |

Mean gw = 3.9 Mean Rw = 57.3

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Observer Results for Dezember 2003

| Name | Instrument | Observations |
|--------------|------------|--------------|
| Aubry P. | Refl 100 | 4 |
| Bissegger M. | Refr 100 | 4 |
| Dragesco J. | Refl 90 | 20 |
| Egger F. | Refr 90 | 15 |
| Friedli T. | Refr 80 | 4 |
| Herzog H. | Refl 250 | 8 |
| Locher J. | Refl 150 | 8 |
| Möller M. | Refr 80 | 17 |
| Niklaus K. | Refl 130 | 12 |
| Tarnutzer A. | Refl 203 | 9 |
| Von Rotz A. | Refl 130 | 11 |

Predicted Smoothed Monthly Means

Nov 03 Dez 03 Jan 04 Feb 04 Mar 04 Apr 04

62 60 58 56 54 52

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