# IUGG: Association of Geomagnetism and Aeronomy

(International Service of Geomagnetic Indices)

## April 2008

### International quiet and disturbed days

| | | | | | | |
|---|---|---|---|---|---|---|
| Quietest days | 1 – 5 : | 2 | 14 | 3 | 20 | 1 |
| | 6 – 10 : | 11 | 21 | 15K | 19 | 29K |
| Most disturbed days | 1 – 5 : | 23 | 6 | 5* | 24* | 16* |

### Geomagnetic Planetary Indices

| | Kp three-hourly | | | | | | | | daily | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | Sum | Ap | Cp |
| 1 | 1+ | 3− | 2− | 1− | 1o | 1− | 1− | 0o | 9− | 4 | 0.2 |
| 2 | 0o | 1− | 0+ | 0o | 0o | 0+ | 0+ | 0+ | 2o | 1 | 0.0 |
| 3 | 1+ | 1− | 0o | 0+ | 1− | 1− | 0o | 0o | 4− | 2 | 0.0 |
| 4 | 0o | 0+ | 0+ | 1− | 2+ | 4− | 4+ | 3+ | 15o | 11 | 0.6 |
| 5 | 1+ | 1+ | 1o | 3+ | 3− | 5o | 4− | 4+ | 23− | 18 | 1.0 |
| 6 | 3+ | 5− | 5− | 3o | 3+ | 2o | 2+ | 3o | 26+ | 20 | 1.0 |
| 7 | 3+ | 4− | 2o | 2− | 1+ | 4− | 3− | 3o | 21+ | 13 | 0.8 |
| 8 | 2− | 2o | 2− | 3− | 3o | 2o | 2+ | 3o | 18+ | 10 | 0.5 |
| 9 | 3+ | 3− | 4− | 3+ | 3− | 2− | 2o | 2+ | 22− | 13 | 0.7 |
| 10 | 3o | 3− | 2o | 2− | 2+ | 2− | 2+ | 2+ | 18o | 9 | 0.5 |
| 11 | 2+ | 1+ | 0+ | 2− | 2− | 1+ | 0+ | 1− | 10− | 5 | 0.2 |
| 12 | 3− | 3+ | 3o | 3− | 3o | 1+ | 3− | 3− | 21+ | 13 | 0.7 |
| 13 | 1o | 2− | 1+ | 2+ | 3o | 3o | 2o | 1o | 15+ | 8 | 0.4 |
| 14 | 1+ | 1o | 0o | 0o | 0o | 0+ | 0o | 0+ | 3o | 2 | 0.0 |
| 15 | 0o | 0o | 0+ | 0+ | 2o | 1+ | 2− | 3o | 9− | 5 | 0.2 |
| 16 | 3o | 2+ | 3o | 2+ | 3+ | 3− | 4o | 3− | 23+ | 15 | 0.8 |
| 17 | 3+ | 3− | 1o | 1o | 1+ | 2− | 2− | 1− | 13+ | 7 | 0.4 |
| 18 | 2o | 2+ | 2o | 2− | 2− | 1+ | 1+ | 1+ | 14− | 6 | 0.3 |
| 19 | 2o | 2− | 1o | 1o | 1− | 1+ | 1+ | 3− | 12− | 6 | 0.3 |
| 20 | 2o | 0+ | 0+ | 1− | 1− | 2− | 1o | 1− | 7+ | 4 | 0.1 |
| 21 | 2o | 2+ | 1− | 1+ | 1o | 2− | 1− | 1− | 10+ | 5 | 0.2 |
| 22 | 0+ | 1− | 1− | 1+ | 1− | 3− | 2+ | 3o | 12− | 6 | 0.3 |
| 23 | 3o | 4o | 5+ | 3+ | 4− | 4+ | 4o | 4− | 31+ | 27 | 1.2 |
| 24 | 4− | 4− | 4− | 3+ | 3+ | 2o | 2o | 3− | 24+ | 16 | 0.9 |
| 25 | 2+ | 3− | 2+ | 2− | 2o | 2− | 2− | 1+ | 16− | 8 | 0.4 |
| 26 | 3o | 1+ | 2o | 2o | 2− | 3+ | 2+ | 3− | 18+ | 10 | 0.6 |
| 27 | 3− | 2+ | 2o | 2− | 1+ | 2o | 1+ | 1o | 14+ | 7 | 0.3 |
| 28 | 1+ | 1− | 2o | 2o | 3− | 4− | 3+ | 3o | 19− | 11 | 0.6 |
| 29 | 3o | 2+ | 1+ | 0+ | 1o | 1− | 1+ | 1o | 11o | 6 | 0.3 |
| 30 | 0o | 0+ | 0+ | 1o | 1o | 3o | 4+ | 1o | 11o | 8 | 0.4 |
| | | | | | | | | | Mean | 9 | 0.46 |

Preliminary sudden commencements:

| | | |
|---|---|---|
| 4 d | 15 h | 03 m |
| 4 d | 15 h | 10 m |
| 15 d | 13 h | 40 m |
| 22 d | 17 h | 22 m |
| 30 d | 15 h | 57 m |

Editor: GeoForschungsZentrum Potsdam
Adolf-Schmidt-Observatorium für Geomagnetismus
Lindenstr. 7
D-14823 Niemegk
F.R. Germany