## IUGG: Association of Geomagnetism and Aeronomy

(International Service of Geomagnetic Indices)

## November 2003

### International quiet and disturbed days

| | | | | | | |
|---|---|---|---|---|---|---|
| Quietest days | 1 – 5 : | 28 | 27 | 29 | 5K | 8A |
| | 6 – 10 : | 26A | 7A | 19A | 30A | 3A |
| Most disturbed days | 1 – 5 : | 20 | 11 | 13 | 16 | 15 |

### Geomagnetic Planetary Indices

| | Kp three-hourly | | | | | | | | daily | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | Sum | Ap | Cp |
| 1 | 5o | 5− | 4o | 3− | 3o | 3+ | 3+ | 4o | 30o | 26 | 1.2 |
| 2 | 3+ | 4− | 3+ | 3o | 3− | 3+ | 4+ | 3− | 26+ | 18 | 1.0 |
| 3 | 3+ | 3o | 3− | 3− | 2o | 2+ | 3− | 3+ | 22o | 13 | 0.7 |
| 4 | 3o | 3o | 6+ | 7o | 3− | 2o | 3+ | 3− | 30o | 38 | 1.4 |
| 5 | 2− | 0o | 1+ | 1o | 1− | 1+ | 2+ | 3+ | 12− | 6 | 0.3 |
| 6 | 3− | 2− | 1o | 1− | 2− | 2+ | 6− | 4+ | 20o | 17 | 0.9 |
| 7 | 3+ | 3− | 2− | 2+ | 1o | 2− | 1+ | 1+ | 15+ | 8 | 0.4 |
| 8 | 1+ | 1o | 1− | 2− | 3− | 3+ | 2+ | 2o | 15o | 8 | 0.4 |
| 9 | 3− | 3o | 4− | 4− | 6− | 4o | 5o | 3+ | 31o | 29 | 1.3 |
| 10 | 3+ | 4o | 4− | 4− | 4o | 4− | 5− | 5− | 32− | 27 | 1.2 |
| 11 | 6− | 5+ | 6o | 6− | 5+ | 6− | 5+ | 5− | 44− | 61 | 1.7 |
| 12 | 4+ | 4− | 4− | 4o | 4− | 5o | 5o | 3o | 32+ | 30 | 1.3 |
| 13 | 4− | 4o | 5o | 5+ | 6o | 5o | 6o | 5+ | 40+ | 52 | 1.6 |
| 14 | 5+ | 5o | 5− | 5− | 5− | 3+ | 5− | 4− | 36o | 38 | 1.4 |
| 15 | 3o | 4o | 6o | 5− | 5o | 5+ | 4+ | 4o | 36+ | 40 | 1.5 |
| 16 | 4o | 5− | 5o | 4o | 5o | 5+ | 4+ | 5o | 37+ | 41 | 1.5 |
| 17 | 5− | 5o | 4+ | 5− | 5− | 5+ | 4+ | 4o | 37o | 39 | 1.4 |
| 18 | 5o | 4− | 3+ | 4o | 4o | 4+ | 3+ | 3o | 31− | 26 | 1.2 |
| 19 | 2+ | 2+ | 3o | 2+ | 3o | 3o | 3o | 1+ | 20+ | 12 | 0.7 |
| 20 | 1o | 4− | 6+ | 6+ | 8− | 9− | 9− | 8o | 50+ | 150 | 2.0 |
| 21 | 7− | 6o | 6o | 4− | 2o | 3o | 3− | 3− | 33− | 42 | 1.5 |
| 22 | 4+ | 3o | 2+ | 3− | 3o | 5− | 6o | 5− | 31− | 30 | 1.3 |
| 23 | 4− | 5o | 4− | 3− | 3+ | 2+ | 4o | 4− | 28+ | 22 | 1.1 |
| 24 | 3− | 2o | 2+ | 2+ | 4o | 3o | 2+ | 3o | 22− | 13 | 0.7 |
| 25 | 3+ | 3+ | 3o | 3− | 3o | 3+ | 2+ | 2+ | 23+ | 14 | 0.8 |
| 26 | 2+ | 2o | 2− | 1+ | 3− | 2+ | 2o | 3− | 17o | 8 | 0.5 |
| 27 | 2o | 2+ | 1+ | 2− | 1o | 1− | 2− | 1+ | 12o | 6 | 0.3 |
| 28 | 2− | 2o | 1o | 2o | 2+ | 2− | 0+ | 0+ | 11+ | 5 | 0.2 |
| 29 | 2+ | 2o | 2− | 2− | 1+ | 1+ | 1− | 2o | 13o | 6 | 0.3 |
| 30 | 2o | 3o | 1o | 1o | 2+ | 4− | 4− | 3o | 20− | 12 | 0.7 |
| | | | | | | | | | Mean | 28 | 1.02 |

Preliminary sudden commencements: 4 d 6 h 26 m
15 d 5 h 50 m
20 d 8 h 03 m

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