## IUGG: Association of Geomagnetism and Aeronomy

(International Service of Geomagnetic Indices)

## January 2001

### International quiet and disturbed days

| | | | | | | |
|---|---|---|---|---|---|---|
| Quietest days | 1 – 5 : | 1 | 30 | 6 | 2 | 19 |
| | 6 – 10 : | 18 | 27 | 7 | 5K | 9 |
| Most disturbed days | 1 – 5 : | 24 | 21* | 31* | 23* | 29* |

### Geomagnetic Planetary Indices

| | Kp three-hourly | | | | | | | | daily | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | Sum | Ap | Cp |
| 1 | 0o | 0+ | 1o | 1o | 0+ | 0+ | 1- | 1- | 4+ | 2 | 0.0 |
| 2 | 1+ | 0+ | 0o | 0o | 1- | 0+ | 1o | 3- | 6+ | 4 | 0.1 |
| 3 | 2+ | 4- | 2+ | 2+ | 2+ | 1- | 1- | 1o | 15+ | 8 | 0.5 |
| 4 | 2+ | 1+ | 3o | 2+ | 3o | 3o | 2+ | 2+ | 20- | 11 | 0.6 |
| 5 | 2- | 1- | 1- | 0+ | 1- | 0+ | 1+ | 3o | 9- | 5 | 0.2 |
| 6 | 2o | 1o | 1o | 1- | 1o | 1o | 0+ | 1o | 8o | 4 | 0.1 |
| 7 | 2o | 2- | 1+ | 1- | 0+ | 1o | 1o | 2o | 10o | 5 | 0.2 |
| 8 | 2o | 2o | 1o | 2- | 1o | 2o | 4o | 4- | 17+ | 10 | 0.6 |
| 9 | 2o | 1- | 1o | 2- | 2- | 1o | 1+ | 1+ | 11- | 5 | 0.2 |
| 10 | 0+ | 0+ | 0+ | 0+ | 1o | 3o | 2o | 2+ | 10- | 5 | 0.2 |
| 11 | 2- | 0+ | 1- | 1o | 2- | 3- | 3- | 3- | 13+ | 7 | 0.4 |
| 12 | 3+ | 3o | 3- | 2- | 1o | 0+ | 0o | 0+ | 12+ | 7 | 0.4 |
| 13 | 1o | 1o | 2- | 2+ | 3- | 1+ | 1- | 1+ | 12o | 6 | 0.3 |
| 14 | 2+ | 3- | 2+ | 2- | 1o | 1o | 2+ | 2o | 15+ | 8 | 0.4 |
| 15 | 1- | 0o | 1+ | 2o | 2+ | 1+ | 2- | 3o | 12+ | 6 | 0.3 |
| 16 | 1o | 0+ | 1+ | 1+ | 3o | 2- | 1o | 1o | 11- | 6 | 0.3 |
| 17 | 3o | 2- | 1- | 0+ | 1+ | 2+ | 2o | 1+ | 13- | 6 | 0.3 |
| 18 | 0o | 0o | 1+ | 2o | 1+ | 1- | 1o | 2o | 8+ | 4 | 0.1 |
| 19 | 2- | 1+ | 0+ | 0o | 1o | 1o | 1+ | 2o | 9- | 4 | 0.1 |
| 20 | 1- | 1- | 3- | 2+ | 2+ | 2+ | 3- | 3+ | 17o | 9 | 0.5 |
| 21 | 2+ | 3- | 3- | 4o | 3+ | 4- | 4- | 4o | 26+ | 19 | 1.0 |
| 22 | 4- | 3+ | 2+ | 2+ | 2+ | 3- | 2o | 3- | 21+ | 12 | 0.7 |
| 23 | 2o | 2- | 0+ | 4o | 3o | 3+ | 5- | 4o | 23o | 18 | 1.0 |
| 24 | 3- | 3o | 1o | 3+ | 4o | 4o | 5- | 3o | 26- | 20 | 1.0 |
| 25 | 2- | 1+ | 1- | 1- | 0+ | 2- | 3- | 2o | 11o | 6 | 0.2 |
| 26 | 2o | 2+ | 4- | 3- | 2o | 2o | 2+ | 3- | 20- | 11 | 0.6 |
| 27 | 2+ | 2o | 1o | 1- | 1- | 1- | 1- | 1- | 9- | 4 | 0.2 |
| 28 | 0+ | 1o | 1+ | 2- | 3o | 2o | 3o | 3- | 15o | 8 | 0.4 |
| 29 | 5- | 5o | 2o | 1+ | 1o | 1o | 2+ | 3- | 20o | 16 | 0.9 |
| 30 | 2o | 2o | 0+ | 0+ | 0+ | 1- | 0o | 0o | 6- | 3 | 0.1 |
| 31 | 0+ | 1- | 4o | 4o | 4- | 4- | 4o | 3o | 23+ | 18 | 1.0 |
| | | | | | | | | | Mean | 8 | 0.42 |

Preliminary sudden commencements:

| | | |
|---|---|---|
| 4 d | 14 h | 01 m |
| 10 d | 16 h | 20 m |
| 13 d | 2 h | 19 m |
| 13 d | 9 h | 45 m |
| 17 d | 16 h | 30 m |
| 23 d | 10 h | 47 m |
| 31 d | 8 h | 04 m |

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