# IUGG: Association of Geomagnetism and Aeronomy

(International Service of Geomagnetic Indices)

## September 1997

### International quiet and disturbed days

| | | | | | | |
|---|---|---|---|---|---|---|
| Quietest days | 1 – 5 : | 25 | 19 | 7 | 26 | 2 |
| | 6 – 10 : | 1 | 24 | 23 | 5 | 20 |
| Most disturbed days | 1 – 5 : | 3 | 10* | 18 | 9* | 4* |

### Geomagnetic Planetary Indices

| | Kp three-hourly | | | | | | | | daily | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | Sum | Ap | Cp |
| 1 | 2- | 2- | 1o | 1+ | 0+ | 1o | 0+ | 1o | 8+ | 4 | 0.1 |
| 2 | 2- | 1+ | 0+ | 0+ | 1- | 0+ | 1o | 2o | 8- | 4 | 0.1 |
| 3 | 3o | 2+ | 2o | 3- | 3o | 3- | 5o | 6+ | 27o | 26 | 1.2 |
| 4 | 5o | 4o | 3o | 3- | 2- | 1+ | 2o | 1+ | 21o | 16 | 0.9 |
| 5 | 1+ | 1+ | 1- | 1- | 1o | 2o | 1+ | 1+ | 10- | 5 | 0.2 |
| 6 | 1- | 3- | 2- | 2o | 3- | 1+ | 2o | 2o | 15o | 7 | 0.4 |
| 7 | 0o | 1- | 0+ | 1- | 2o | 2o | 1- | 0+ | 7- | 3 | 0.1 |
| 8 | 0+ | 0o | 0+ | 2+ | 4- | 4- | 4- | 3o | 17o | 12 | 0.7 |
| 9 | 1+ | 3+ | 4- | 3+ | 2+ | 3- | 3+ | 3+ | 23+ | 15 | 0.8 |
| 10 | 3+ | 2o | 2+ | 2+ | 3+ | 4o | 4o | 5- | 26o | 19 | 1.0 |
| 11 | 3o | 2- | 1+ | 2- | 2+ | 2- | 2+ | 3- | 17- | 8 | 0.5 |
| 12 | 4+ | 3o | 2+ | 2o | 3o | 2+ | 3+ | 2- | 22o | 14 | 0.8 |
| 13 | 3+ | 3- | 2o | 1o | 1o | 2- | 2o | 3- | 16+ | 9 | 0.5 |
| 14 | 3o | 3+ | 2+ | 3+ | 3o | 2+ | 2+ | 2- | 21+ | 12 | 0.7 |
| 15 | 3+ | 3- | 3- | 3o | 2o | 3- | 1o | 2o | 19+ | 11 | 0.6 |
| 16 | 2+ | 3o | 2o | 1o | 1o | 1+ | 1- | 1+ | 13- | 6 | 0.3 |
| 17 | 1- | 1+ | 1- | 1+ | 2o | 3- | 3o | 4- | 15+ | 9 | 0.5 |
| 18 | 5o | 5o | 3+ | 2+ | 3- | 3o | 2- | 2o | 25o | 20 | 1.0 |
| 19 | 0+ | 0o | 1- | 1- | 0+ | 1- | 2- | 1+ | 6- | 3 | 0.1 |
| 20 | 2- | 2- | 2+ | 2- | 2+ | 1- | 0+ | 1o | 12- | 6 | 0.3 |
| 21 | 1+ | 1+ | 2+ | 2+ | 1- | 2+ | 5- | 5o | 20o | 16 | 0.9 |
| 22 | 4+ | 4o | 1+ | 1- | 1+ | 0+ | 1- | 0+ | 13o | 10 | 0.6 |
| 23 | 1o | 1o | 1o | 1- | 1+ | 1- | 1+ | 2o | 9o | 4 | 0.2 |
| 24 | 2o | 1- | 2- | 1o | 1o | 0+ | 1- | 1o | 8+ | 4 | 0.1 |
| 25 | 0+ | 1- | 0+ | 0+ | 1+ | 1+ | 1o | 0+ | 6- | 3 | 0.1 |
| 26 | 0+ | 0o | 1- | 2- | 1+ | 1- | 1+ | 2- | 8- | 4 | 0.1 |
| 27 | 3- | 2- | 3- | 2o | 2o | 4o | 4o | 3- | 22- | 14 | 0.8 |
| 28 | 4o | 4o | 4o | 2- | 2- | 2+ | 1+ | 1o | 20o | 14 | 0.8 |
| 29 | 3o | 2+ | 3- | 2o | 1- | 0+ | 1o | 1+ | 13+ | 7 | 0.4 |
| 30 | 1+ | 3+ | 2+ | 2- | 1+ | 2o | 3o | 2+ | 17+ | 9 | 0.5 |
| | | | | | | | | | Mean | 10 | 0.51 |

Preliminary sudden commencements: 2 d 23 h 00 m
21 d 16 h 51 m

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