**IUGG: Association of Geomagnetism and Aeronomy**
(International Service of Geomagnetic Indices)

## August 2019

### International quiet and disturbed days

| | | | | | | |
|---|---|---|---|---|---|---|
| Quietest days | 1 – 5 : | 3 | 19 | 2 | 29 | 15 |
| | 6 – 10 : | 4 | 25 | 14 | 23 | 21 |
| Most disturbed days | 1 – 5 : | 31 | 5 | 27* | 6* | 30* |

### Geomagnetic Planetary Indices

| | Kp three-hourly | | | | | | | | daily | |
|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | Sum | Ap | Cp |
| 1 | 3+ | 2− | 1+ | 1− | 1− | 1− | 2− | 3− | 13− | 7 | 0.4 |
| 2 | 1o | 1o | 1o | 1− | 1− | 0+ | 0+ | 1− | 6− | 3 | 0.1 |
| 3 | 0+ | 0+ | 0o | 0+ | 0+ | 0+ | 1− | 0+ | 3− | 2 | 0.0 |
| 4 | 0+ | 0+ | 2− | 1o | 0+ | 1− | 0+ | 1o | 6− | 3 | 0.1 |
| 5 | 1− | 3o | 5o | 5+ | 5+ | 5o | 4− | 4− | 32− | 34 | 1.3 |
| 6 | 3− | 3− | 2o | 3o | 2+ | 2o | 1o | 3− | 18+ | 10 | 0.5 |
| 7 | 2+ | 2− | 1o | 1+ | 1o | 1o | 1o | 2o | 11+ | 5 | 0.2 |
| 8 | 1+ | 2− | 1+ | 1o | 3− | 2o | 1o | 1− | 12− | 6 | 0.3 |
| 9 | 0o | 1− | 1+ | 2− | 1+ | 2o | 2− | 3− | 11+ | 6 | 0.2 |
| 10 | 3− | 2− | 1+ | 2− | 2− | 1o | 1+ | 2− | 13o | 6 | 0.3 |
| 11 | 0+ | 1o | 1o | 2− | 2+ | 1o | 1o | 2o | 10+ | 5 | 0.2 |
| 12 | 1− | 1+ | 1o | 1+ | 1+ | 1o | 1o | 2− | 9+ | 4 | 0.2 |
| 13 | 2− | 1+ | 1o | 2o | 2− | 2o | 1+ | 2− | 13− | 6 | 0.3 |
| 14 | 1o | 1o | 1o | 1+ | 1o | 1− | 0+ | 0+ | 7− | 4 | 0.1 |
| 15 | 0o | 1− | 1− | 1− | 1o | 1− | 1+ | 1o | 6o | 3 | 0.1 |
| 16 | 1+ | 1− | 1+ | 2o | 1o | 1− | 1− | 0+ | 8o | 4 | 0.1 |
| 17 | 1+ | 2o | 1− | 1o | 1o | 1− | 0+ | 0+ | 7+ | 4 | 0.1 |
| 18 | 3− | 2− | 1+ | 1− | 1− | 1o | 1+ | 1o | 10+ | 5 | 0.2 |
| 19 | 1− | 1o | 0+ | 1− | 1− | 1o | 0+ | 1− | 5+ | 3 | 0.1 |
| 20 | 2− | 1+ | 1− | 1− | 1+ | 1− | 1− | 1o | 8o | 4 | 0.1 |
| 21 | 1o | 1+ | 1o | 0+ | 1− | 1+ | 1o | 0+ | 7o | 4 | 0.1 |
| 22 | 1+ | 1o | 1o | 1+ | 1− | 1− | 2+ | 2− | 10o | 5 | 0.2 |
| 23 | 1− | 2− | 1o | 1+ | 0+ | 0+ | 1− | 1− | 7− | 4 | 0.1 |
| 24 | 2o | 1+ | 0+ | 1+ | 0+ | 1o | 1− | 0o | 7o | 4 | 0.1 |
| 25 | 1o | 1o | 2− | 0+ | 0+ | 0+ | 0+ | 1− | 6− | 3 | 0.1 |
| 26 | 1+ | 0+ | 1o | 2o | 1o | 1o | 1+ | 2+ | 10+ | 5 | 0.2 |
| 27 | 3− | 3o | 2o | 3o | 2o | 2− | 2+ | 2o | 19− | 10 | 0.5 |
| 28 | 2o | 2− | 1+ | 1− | 1o | 1− | 1− | 0+ | 8+ | 4 | 0.1 |
| 29 | 1− | 0o | 0o | 1− | 2− | 1o | 1− | 1− | 5+ | 3 | 0.0 |
| 30 | 1− | 1o | 1o | 1+ | 3− | 3− | 3+ | 3o | 16− | 9 | 0.5 |
| 31 | 4− | 5− | 4o | 5+ | 6− | 4o | 4+ | 4+ | 36o | 38 | 1.4 |
| | | | | | | | | | Mean | 7 | 0.26 |

Preliminary sudden commencements: none

Editor: GFZ German Research Centre for Geosciences
Adolf Schmidt Observatory for Geomagnetism
http://www.gfz-potsdam.de/en/kp-index/