

International Association of Geomagnetism and Aeronomy
(International Service of Geomagnetic Indices)

Nowcast data for August 2024¹

Geomagnetic Planetary Indices

| Day | Kp three-hourly | | | | | | | | daily | | |
|-----|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|-------|-----|------|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | Sum | Ap | Cp |
| 1 | 5o ⁽¹¹⁾ | 4o ⁽¹¹⁾ | 4 ⁻⁽¹¹⁾ | 2+ ⁽¹¹⁾ | 3o ⁽¹¹⁾ | 2+ ⁽¹¹⁾ | 2+ ⁽¹¹⁾ | 2o ⁽¹¹⁾ | 25- | 18 | 1.0 |
| 2 | 3 ⁻⁽¹¹⁾ | 3 ⁻⁽¹¹⁾ | 2o ⁽¹¹⁾ | 1o ⁽¹¹⁾ | 2 ⁻⁽¹¹⁾ | 2 ⁻⁽¹¹⁾ | 1+ ⁽¹¹⁾ | 3 ⁻⁽¹¹⁾ | 16- | 8 | 0.4 |
| 3 | 2 ⁻⁽¹¹⁾ | 2+ ⁽¹¹⁾ | 1 ⁻⁽¹¹⁾ | 2o ⁽¹¹⁾ | 2o ⁽¹¹⁾ | 2+ ⁽¹¹⁾ | 2o ⁽¹¹⁾ | 3o ⁽¹¹⁾ | 16o | 8 | 0.4 |
| 4 | 3o ⁽¹¹⁾ | 4 ⁻⁽¹¹⁾ | 5 ⁻⁽¹¹⁾ | 4o ⁽¹¹⁾ | 7 ⁻⁽¹¹⁾ | 7o ⁽¹¹⁾ | 4+ ⁽¹¹⁾ | 4o ⁽¹¹⁾ | 37+ | 51 | 1.6 |
| 5 | 2+ ⁽¹¹⁾ | 3 ⁻⁽¹¹⁾ | 3o ⁽¹¹⁾ | 2o ⁽¹¹⁾ | 2o ⁽¹¹⁾ | 2 ⁻⁽¹¹⁾ | 2 ⁻⁽¹¹⁾ | 2 ⁻⁽¹¹⁾ | 17o | 8 | 0.5 |
| 6 | 2 ⁻⁽¹¹⁾ | 1o ⁽¹¹⁾ | 2 ⁻⁽¹¹⁾ | 0+ ⁽¹¹⁾ | 0+ ⁽¹¹⁾ | 1+ ⁽¹¹⁾ | 1+ ⁽¹¹⁾ | 2 ⁻⁽¹¹⁾ | 9+ | 4 | 0.2 |
| 7 | 1o ⁽¹¹⁾ | 2 ⁻⁽¹¹⁾ | 1o ⁽¹¹⁾ | 2o ⁽¹¹⁾ | 2 ⁻⁽¹¹⁾ | 1o ⁽¹¹⁾ | 1 ⁻⁽¹¹⁾ | 2+ ⁽¹¹⁾ | 11+ | 5 | 0.2 |
| 8 | 3o ⁽¹¹⁾ | 2 ⁻⁽¹¹⁾ | 2 ⁻⁽¹¹⁾ | 2 ⁻⁽¹¹⁾ | 1 ⁻⁽¹¹⁾ | 1 ⁻⁽¹¹⁾ | 1o ⁽¹²⁾ | 1+ ⁽¹²⁾ | 12- | 6 | 0.3 |
| 9 | 2+ ⁽¹²⁾ | 2 ⁻⁽¹²⁾ | 1 ⁻⁽¹²⁾ | 2 ⁻⁽¹²⁾ | 2o ⁽¹²⁾ | 1+ ⁽¹²⁾ | 1+ ⁽¹²⁾ | 2 ⁻⁽¹²⁾ | 13- | 6 | 0.3 |
| 10 | 1+ ⁽¹²⁾ | 2o ⁽¹²⁾ | 1o ⁽¹²⁾ | 1 ⁻⁽¹²⁾ | 2+ ⁽¹²⁾ | 3 ⁻⁽¹²⁾ | 1+ ⁽¹²⁾ | 2 ⁻⁽¹²⁾ | 13o | 6 | 0.3 |
| 11 | 2o ⁽¹²⁾ | 2o ⁽¹²⁾ | 5 ⁻⁽¹²⁾ | 4+ ⁽¹²⁾ | 5o ⁽¹²⁾ | 4+ ⁽¹²⁾ | 4 ⁻⁽¹²⁾ | 5o ⁽¹²⁾ | 31o | 29 | 1.3 |
| 12 | 6+ ⁽¹²⁾ | 7o ⁽¹²⁾ | 7+ ⁽¹²⁾ | 7 ⁻⁽¹²⁾ | 8o ⁽¹²⁾ | 7+ ⁽¹²⁾ | 6 ⁻⁽¹²⁾ | 6o ⁽¹²⁾ | 54+ | 125 | 1.9 |
| 13 | 4+ ⁽¹²⁾ | 3 ⁻⁽¹²⁾ | 2 ⁻⁽¹²⁾ | 1+ ⁽¹²⁾ | 1 ⁻⁽¹²⁾ | 1 ⁻⁽¹²⁾ | 3o ⁽¹²⁾ | 4+ ⁽¹²⁾ | 19- | 14 | 0.8 |
| 14 | 4o ⁽¹²⁾ | 3+ ⁽¹²⁾ | 2o ⁽¹²⁾ | 1o ⁽¹²⁾ | 1o ⁽¹²⁾ | 1o ⁽¹²⁾ | 1+ ⁽¹¹⁾ | 3o ⁽¹¹⁾ | 17- | 10 | 0.6 |
| 15 | 1+ ⁽¹²⁾ | 0+ ⁽¹²⁾ | 1 ⁻⁽¹²⁾ | 0o ⁽¹²⁾ | 2 ⁻⁽¹²⁾ | 1 ⁻⁽¹²⁾ | 1+ ⁽¹²⁾ | 2o ⁽¹²⁾ | 8o | 4 | 0.1 |
| 16 | 3 ⁻⁽¹²⁾ | 2o ⁽¹²⁾ | 2o ⁽¹²⁾ | 2 ⁻⁽¹²⁾ | 3 ⁻⁽¹²⁾ | 1o ⁽¹²⁾ | 0+ ⁽¹²⁾ | 1o ⁽¹²⁾ | 13+ | 7 | 0.3 |
| 17 | 1o ⁽¹²⁾ | 0+ ⁽¹²⁾ | 1o ⁽¹²⁾ | 1o ⁽¹²⁾ | 3+ ⁽¹²⁾ | 6+ ⁽¹²⁾ | 5 ⁻⁽¹²⁾ | 5o ⁽¹²⁾ | 23- | 27 | 1.2 |
| 18 | 2+ ⁽¹²⁾ | 3 ⁻⁽¹²⁾ | 2o ⁽¹²⁾ | 3+ ⁽¹²⁾ | 3+ ⁽¹²⁾ | 2o ⁽¹²⁾ | 2o ⁽¹²⁾ | 2+ ⁽¹²⁾ | 20o | 11 | 0.6 |
| 19 | 1o ⁽¹²⁾ | 1+ ⁽¹²⁾ | 1 ⁻⁽¹²⁾ | 2 ⁻⁽¹²⁾ | 3 ⁻⁽¹²⁾ | 3 ⁻⁽¹²⁾ | 3 ⁻⁽¹²⁾ | 3 ⁻⁽¹²⁾ | 15+ | 8 | 0.4 |
| 20 | 3+ ⁽¹²⁾ | 2o ⁽¹²⁾ | 2 ⁻⁽¹²⁾ | 2o ⁽¹²⁾ | 2+ ⁽¹²⁾ | 2+ ⁽¹²⁾ | 2o ⁽¹²⁾ | 2 ⁻⁽¹²⁾ | 17+ | 9 | 0.5 |
| 21 | 3+ ⁽¹²⁾ | 1o ⁽¹²⁾ | 2 ⁻⁽¹²⁾ | 1+ ⁽¹²⁾ | 2o ⁽¹²⁾ | 2+ ⁽¹²⁾ | 1+ ⁽¹²⁾ | 1+ ⁽¹²⁾ | 14+ | 7 | 0.4 |
| 22 | 3o ⁽¹²⁾ | 2+ ⁽¹²⁾ | 2o ⁽¹²⁾ | 2o ⁽¹²⁾ | 2- | 2+ | 1+ | 2+ | 17o | 8 | 0.5 |
| 23 | 2- | 1+ | 3- | 1+ | 2o | 1- | 2- | 1+ | 13- | 6 | 0.3 |
| 24 | 2o | 2o | 3- | 3o | 2- | 3- | 2- | 2- | 17+ | 9 | 0.5 |
| 25 | 2+ | 3- | 2o | 1+ | 0+ | 0o | 0+ | 1+ | 10+ | 5 | 0.2 |
| 26 | 2- | 1o | 0+ | 1o | 1o | 1+ | 0+ | 1- | 7+ | 4 | 0.1 |
| 27 | 0+ | 1o | 3- | 2o | 3- | 3- | 2o | 3+ | 17- | 9 | 0.5 |
| 28 | 5+ | 4o | 5+ | 3- | 3- | 3o | 2o | 3- | 28- | 25 | 1.2 |
| 29 | 2o | 1+ | 1- | 1- | 1+ | 1- | 1 ⁻⁽¹²⁾ | 1o ⁽¹²⁾ | 8+ | 4 | 0.1 |
| 30 | 1+ ⁽¹²⁾ | 1 ⁻⁽¹²⁾ | 4 ⁻⁽¹²⁾ | 3o ⁽¹²⁾ | 5 ⁻⁽¹²⁾ | 4+ ⁽¹²⁾ | 4+ ⁽¹²⁾ | 5 ⁻⁽¹²⁾ | 27- | 23 | 1.1 |
| 31 | 4o ⁽¹²⁾ | 4+ ⁽¹²⁾ | 5 ⁻⁽¹²⁾ | 2o ⁽¹²⁾ | 3+ ⁽¹²⁾ | 5 ⁻⁽¹²⁾ | 4 ⁻⁽¹²⁾ | 3 ⁻⁽¹²⁾ | 29+ | 24 | 1.2 |
| | | | | | | | | | Mean | 16 | 0.61 |

Note: If not the complete data from all 13 observatories could be used in the calculation, the number of already included observatories is given in parentheses.

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

¹Last update: 23:58:22 UTC, September 1, 2024.