

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

Nowcast data for February 2025¹

Geomagnetic Planetary Indices

Day	Kp three-hourly								daily		
	1	2	3	4	5	6	7	8	Sum	Ap	Cp
1	4 ⁻⁽¹²⁾	4 ⁻⁽¹²⁾	4 ⁻⁽¹²⁾	3 ^{o(12)}	4 ⁻⁽¹²⁾	4 ^{o(12)}	4 ⁺⁽¹²⁾	4 ^{o(12)}	30 ^o	24	1.1
2	3 ^{o(12)}	4 ^{o(12)}	4 ⁻⁽¹²⁾	3 ^{o(12)}	4 ⁻⁽¹²⁾	4 ⁺⁽¹²⁾	2 ⁺⁽¹²⁾	2 ⁻⁽¹²⁾	26 ⁻	18	1.0
3	1 ^o	0 ⁺	1 ⁻	1 ^o	0 ⁺	0 ^o	0 ⁺	1 ^o	5 ⁻	3	0.0
4	1 ⁺	1 ^o	2 ⁻	2 ⁻	1 ⁻	0 ⁺	1 ^o	1 ⁻	8 ⁺	4	0.1
5	1 ^o	2 ^o	1 ⁻	1 ^o	1 ⁺	3 ⁻	1 ⁺	2 ^o	12 ^o	6	0.3
6	3 ⁻	3 ⁻	2 ^o	1 ^o	2 ⁺	2 ^o	1 ^o	1 ^o	15 ⁻	7	0.4
7	1 ⁻	0 ⁺	1 ⁻	1 ⁻	1 ⁻	1 ^o	0 ^o	0 ⁺	4 ⁺	2	0.0
8	0 ^o	2 ⁺	4 ⁻	3 ^o	3 ^o	2 ⁻	1 ^o	1 ^o	16 ⁻	9	0.5
9	1 ⁺	2 ⁺	1 ⁺	2 ^o	3 ^o	4 ^o	5 ⁻	4 ⁺	23 ^o	17	0.9
10	5 ⁻	3 ⁻	4 ⁻	4 ^o	3 ⁺	4 ⁻	4 ⁻	4 ⁻	29 ⁺	23	1.1
11	4 ⁻	3 ^o	3 ⁻	3 ⁺	3 ⁻	3 ⁺	3 ^o	3 ^o	25 ⁻	16	0.9
12	3 ⁺	4 ^o	3 ⁻	3 ^o	3 ⁻	3 ^o	3 ^o	3 ⁻	24 ⁺	16	0.9
13	3 ^o	4 ⁺	3 ⁺	4 ⁻	4 ⁻	3 ⁻	4 ⁻	4 ⁺	29 ⁻	22	1.1
14	4 ⁺	5 ⁻	3 ⁺	3 ^o	4 ⁺	3 ⁺	3 ⁺	4 ⁻	30 ^o	24	1.2
15	4 ⁻	4 ⁻	3 ⁺	5 ^o	3 ^o	4 ^o	4 ⁻	5 ⁻	31 ^o	27	1.2
16	2 ⁺	4 ^o	3 ^o	4 ⁻	3 ⁻	3 ^o	4 ⁻	4 ^o	26 ⁺	19	1.0
17	3 ⁻	3 ⁺	2 ⁺	2 ⁺	3 ^o	3 ⁺	2 ⁻	3 ⁺	22 ^o	13	0.8
18	4 ⁻	3 ⁺	2 ^o	1 ⁻	1 ^o	2 ⁺	2 ^o	4 ⁺	19 ⁺	13	0.7
19	5 ^o	3 ⁺	5 ⁻	2 ^{o(12)}	1 ⁺⁽¹²⁾	2 ⁺⁽¹²⁾	4 ⁻⁽¹²⁾	3 ⁺⁽¹²⁾	26 ⁻	21	1.1
20	4 ⁻	3 ⁻	1 ⁺	0 ⁺	1 ^o	0 ^o	0 ^o	1 ⁻	10 ⁻	6	0.3
21	3 ^o	1 ⁻	1 ⁻	1 ⁻	1 ⁺	0 ⁺	0 ⁺	2 ⁻	9 ⁻	5	0.2
22	3 ⁻	1 ⁻	0 ⁺	1 ^o	2 ⁻	0 ⁺	1 ^o	3 ⁻	10 ⁺	6	0.3
23	3 ^o	1 ⁺	1 ⁺	1 ⁻⁽¹²⁾	0 ^{o(12)}	0 ⁺	1 ⁻	3 ^o	10 ⁺	6	0.3
24	3 ^{o(11)}	1 ⁺⁽¹¹⁾	2 ^{o(11)}	3 ^{o(11)}	3 ⁻⁽¹¹⁾	2 ⁻⁽¹¹⁾	4 ⁺⁽¹¹⁾	2 ⁺⁽¹¹⁾	20 ⁺	13	0.7
25	1 ⁺⁽¹¹⁾	1 ^{o(11)}	2 ^{o(11)}	2 ⁻⁽¹¹⁾	1 ⁻⁽¹¹⁾	1 ⁺⁽¹¹⁾	3 ⁻⁽¹¹⁾	3 ^{o(11)}	14 ⁻	7	0.4
26	3 ^o	3 ⁺	3 ^o	3 ⁻	3 ^o	3 ^o	3 ^o	2 ^o	23 ^o	14	0.8
27	4 ^o	4 ⁺	3 ⁺	6 ⁻	4 ⁻	4 ⁺	3 ⁺	4 ⁺	33 ^o	31	1.3
28	5 ^o	4 ^o	5 ^o	4 ⁺	5 ⁻	4 ⁺	4 ^o	3 ^o	34 ⁺	34	1.3
									Mean	14	0.71

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: 23:54:40 UTC, March 1, 2025.