IUGG: Association of Geomagnetism and Aeronomy

(International Service of Geomagnetic Indices)

October 2023

International quiet and disturbed days

Quietest days	1 – 5 :	17	23	12	11	24
	6 – 10 :	15	16	25	10	7
Most disturbed days	1 – 5 :	29	26	21	28*	5*

Geomagnetic Planetary Indices

	Kp three-hourly								daily		
	1	2	3	4	5	6	7	8	Sum	Ap	Cp
1	4−	2−	2−	1+	2o	1o	2−	2−	15−	8	0.4
2	3−	3o	1o	1+	2−	1+	1+	2+	15−	8	0.4
3	1−	2o	1+	1o	2o	2+	2o	2o	13+	6	0.3
4	3−	2+	3−	2o	2−	2−	2o	3+	18+	10	0.5
5	4o	5o	2o	3o	2o	1−	1−	2o	19+	15	0.8
6	2o	2+	2o	1+	1+	1+	1−	3o	14o	7	0.4
7	1o	1+	1o	0+	0+	1−	2−	1+	8−	4	0.1
8	2+	2−	2o	1+	1−	1+	1+	2o	13−	6	0.3
9	2o	2−	1+	1+	2o	2+	3o	1+	15o	7	0.4
10	1−	2o	1o	1o	0+	1−	0o	0o	6−	3	0.1
11	0o	1−	1−	1o	1−	0+	0+	1o	5−	3	0.0
12	1o	0o	0+	0+	0o	1−	1−	1−	4−	2	0.0
13	1−	3−	3+	3−	3o	4−	3−	2o	21−	13	0.7
14	1+	1o	1+	2o	1o	0+	3o	1+	11+	6	0.3
15	0o	0o	0+	1−	0+	1−	1o	2−	5−	2	0.0
16	2o	0o	0+	0+	1+	0o	0o	0o	4o	2	0.0
17	0o	0o	0+	0+	0+	0+	0o	1−	2o	1	0.0
18	0o	2o	1+	3−	3−	3o	2+	2o	16o	8	0.5
19	2+	3+	1+	2o	2−	2+	2o	1−	16−	8	0.4
20	1o	1+	2−	2o	2o	1o	2o	3−	14−	6	0.3
21	4o	5−	5o	3o	3−	3+	1+	1−	25−	21	1.1
22	2−	1+	2−	2o	1+	2−	3o	2−	14+	7	0.4
23	0+	0o	0+	0o	1−	0+	0+	0o	2o	1	0.0
24	0+	0o	1−	1o	1−	1−	1o	1−	5o	3	0.0
25	1−	0o	0o	0+	1−	1o	1o	2−	5+	3	0.0
26	2+	3−	2o	4o	4o	3o	4+	5−	27o	21	1.1
27	3o	4o	3−	2+	1+	2−	2−	1o	18−	10	0.6
28	1−	3o	3+	4−	4−	3o	3−	4o	24o	17	0.9
29	5−	4−	4+	4o	4o	4o	3+	3+	31+	26	1.2
30	4o	2+	1o	3o	3+	1+	2o	2+	19+	12	0.7
31	2+	2o	2−	2+	3−	1o	1+	2−	15o	7	0.4
									Mean	8	0.40

Preliminary sudden commencements: none

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