IUGG: Association of Geomagnetism and Aeronomy

(International Service of Geomagnetic Indices)

December 2022

International quiet and disturbed days

Quietest days	1 – 5 :	17	13	6	18	14
	6 – 10 :	16	28	20	15	12
Most disturbed days	1 – 5 :	30	1	27	24	23

Geomagnetic Planetary Indices

	Kp three-hourly								daily		
	1	2	3	4	5	6	7	8	Sum	Ap	Cp
1	3−	5−	4−	4−	4o	4o	4−	4−	30o	24	1.2
2	3o	3+	3o	3o	3−	3o	3+	3−	24o	15	0.8
3	2o	3+	2+	2+	2−	3o	2o	2−	18+	10	0.5
4	2−	2o	1o	2o	3o	4+	4+	4o	22+	16	0.9
5	0o	2+	2+	2−	3−	2o	1+	0+	13−	6	0.3
6	0o	1+	0+	1−	2−	1−	1o	0+	6o	3	0.1
7	1o	1o	1−	3−	5−	4+	3+	3−	20+	16	0.9
8	2−	3−	2o	1+	1o	1o	2o	4o	16−	9	0.5
9	4+	2+	2o	3−	2−	1+	2−	2−	18−	10	0.6
10	3o	2o	1−	3−	1−	2o	3−	2−	15+	8	0.4
11	2o	3−	2+	1+	2o	3−	1+	3−	17o	9	0.5
12	3−	1+	0+	0+	1−	1o	2−	2+	10+	5	0.2
13	2o	0+	0+	0+	1−	1−	0o	1−	5o	3	0.0
14	0o	1+	1−	0+	0+	2−	2o	2−	8o	4	0.1
15	2−	2o	2−	1o	1o	1+	1+	1−	11−	5	0.2
16	3−	1o	0o	0+	1−	1−	1+	1+	8o	4	0.1
17	1o	2−	0o	0+	0o	0+	0+	0o	4−	2	0.0
18	0+	0+	0+	1o	1−	1−	1o	2o	6+	3	0.1
19	2o	4−	3−	1+	2−	1+	2o	2o	17−	9	0.5
20	1+	1o	1o	0+	0+	1o	2o	2+	9+	5	0.2
21	2−	2−	3−	2o	2−	3+	2−	2−	16+	8	0.5
22	1−	0o	1+	2o	3o	3+	4−	3−	17−	10	0.6
23	4−	2+	4−	3−	4+	4−	2o	5−	27o	21	1.1
24	3o	4+	4o	3+	3+	4+	3+	3o	29−	22	1.1
25	3−	3o	1+	1o	2o	2−	2−	3−	16o	8	0.5
26	3−	2o	3o	4+	6−	5−	2−	1+	25+	23	1.1
27	4o	4+	4+	4o	4o	4+	2+	2o	29+	24	1.2
28	2+	2−	1+	1−	1−	1−	1−	1o	9o	4	0.2
29	0o	0+	1+	2−	3o	3+	3−	4−	16o	10	0.6
30	5−	4o	4o	3+	4+	5−	4+	3o	32+	29	1.3
31	3o	3o	3−	2−	3o	3−	3+	4o	23+	15	0.8
									Mean	11	0.55

Preliminary sudden commencements: none

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