IUGG: Association of Geomagnetism and Aeronomy

(International Service of Geomagnetic Indices)

December 2024

International quiet and disturbed days

Quietest days	1 – 5 :	26	27	28	13	29
	6 – 10 :	6	5	7	12	25
Most disturbed days	1 – 5 :	17	9*	21*	18*	20*

Geomagnetic Planetary Indices

	Kp three-hourly								daily	
	1	2	3	4	5	6	7	8	Sum	Ap	Cp
1	1+	1o	2−	1o	1o	1+	2o	3−	12o	6	0.3
2	2+	2o	1−	0o	1o	1−	2−	2o	10+	5	0.2
3	3+	3−	2o	2−	2+	3o	3+	2−	20o	11	0.7
4	1+	2−	1o	2o	2o	1+	2o	2−	13o	6	0.3
5	2−	2+	1o	1o	1−	1−	1−	1−	9−	4	0.2
6	1+	2+	1o	0+	1−	1o	1o	1o	9−	4	0.2
7	1−	1+	1o	2−	1o	1+	2−	2−	10+	5	0.2
8	0+	1+	1+	1+	2+	2−	2o	1−	11o	5	0.2
9	4+	3o	2+	2+	3−	4−	3o	3+	25−	16	0.9
10	2o	2+	2+	2o	1o	1o	1+	2−	14−	6	0.3
11	2o	2o	2o	1−	1o	1o	1−	1+	11−	5	0.2
12	2+	2o	1−	1−	1−	1o	1+	0+	9o	4	0.2
13	0o	0o	1+	1o	1o	2−	1−	1−	6+	3	0.1
14	1−	1o	1o	2o	1+	3o	3+	3−	15o	8	0.5
15	3o	2+	2−	3−	3o	2o	3−	2+	20−	11	0.6
16	1+	3−	3−	3−	2−	2+	4−	4−	21−	12	0.7
17	4−	5+	5o	4+	3+	4o	2o	3o	31−	28	1.2
18	3+	2−	2+	4−	3o	3+	4−	1o	22o	14	0.8
19	4−	3o	2−	1+	2o	1+	2o	3o	18o	10	0.6
20	4−	3o	1o	1+	3o	3o	3+	2o	20+	13	0.7
21	3o	3+	2o	3o	3−	3−	3+	3+	23+	14	0.8
22	1+	2+	2+	3o	3+	3o	3−	3o	21o	12	0.7
23	3+	2o	2−	1o	2+	3o	3−	4−	20−	12	0.7
24	2+	3−	2−	1−	2+	2+	2o	3+	17+	9	0.5
25	2o	2o	2−	2−	1o	1o	1−	0+	10+	5	0.2
26	0o	0o	0+	0+	0+	0+	0o	0+	2−	1	0.0
27	0+	0o	0+	0+	1−	1+	1o	0+	4+	2	0.0
28	1−	0o	1o	1+	0+	1−	1+	0+	6−	3	0.1
29	1+	0+	1o	2−	1+	1+	1−	1−	8+	4	0.1
30	0+	2−	2+	1+	2−	1+	2o	2o	13−	6	0.3
31	0+	1−	2−	1+	1+	4o	4o	4o	17+	13	0.7
									Mean	8	0.43

Preliminary sudden commencements: none

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