IUGG: Association of Geomagnetism and Aeronomy

(International Service of Geomagnetic Indices)

December 2021

International quiet and disturbed days

Quietest days	1 – 5 :	9	10	17	26	12
	6 – 10 :	18	8	31	23	7
Most disturbed days	1 – 5 :	1*	20*	19*	27*	22*

Geomagnetic Planetary Indices

	Kp three-hourly								daily		
	1	2	3	4	5	6	7	8	Sum	Ap	Cp
1	4o	4−	3−	2+	3o	3+	3o	4−	26−	18	1.0
2	2+	2−	3o	1+	2−	3−	3−	2o	17+	9	0.5
3	1−	1−	0+	2o	2+	3o	3+	2o	14+	8	0.4
4	3o	2+	2+	1−	1−	1o	2o	1−	13−	7	0.3
5	1+	2o	0+	1o	1+	3o	3−	2+	14o	7	0.4
6	2o	1−	2−	1+	2−	3−	2−	2−	13+	6	0.3
7	2+	1+	0+	0o	0+	1+	1−	0+	7−	4	0.1
8	1o	1−	2−	1+	0+	1−	0+	1o	7o	4	0.1
9	1−	1−	0o	0o	0+	1−	0o	0o	2+	1	0.0
10	0o	0+	0+	0+	0+	1o	1−	2−	5−	3	0.0
11	2o	3+	1o	0o	0o	0o	0+	0+	7o	4	0.1
12	1o	1+	0o	0o	0o	1o	1+	0+	5o	2	0.0
13	0+	3−	2o	2−	0o	0o	0+	0+	7+	4	0.1
14	1+	1+	1+	1−	1−	1+	1o	1o	9−	4	0.1
15	1o	2o	2o	3−	2+	3+	2−	2−	17−	9	0.5
16	2−	2+	3o	2o	1o	1+	2−	2o	15o	7	0.4
17	2−	1o	1−	0+	0+	0+	0o	0+	5−	3	0.0
18	0+	0o	0+	0+	1o	1o	2−	1−	5+	3	0.1
19	0+	0o	0o	1−	2o	4−	4o	5o	16−	14	0.8
20	4−	3o	2+	3+	2+	3o	2o	3−	22+	13	0.8
21	4−	2−	2−	1−	2+	2+	3−	1o	16o	9	0.5
22	2o	2+	2o	2o	3o	2o	3o	2+	19−	10	0.5
23	2+	0o	0+	1−	1−	0+	1+	1o	7−	4	0.1
24	1−	1−	1−	1+	1o	1o	2−	2+	9+	5	0.2
25	1+	1o	2o	2−	3−	2o	2−	1−	13o	6	0.3
26	1−	0+	0o	1o	0+	0+	2−	1−	5o	3	0.0
27	2−	1+	2+	2+	4o	3−	2o	1−	17o	10	0.5
28	2+	3−	3−	2−	2−	2+	1−	0+	14+	7	0.4
29	1o	2o	1−	1o	1+	2o	1+	2+	12−	6	0.2
30	3o	2+	2−	2+	2+	1+	1+	0+	15−	8	0.4
31	0o	0+	1o	0+	1+	2o	1−	1o	7−	3	0.1
									Mean	6	0.30

Preliminary sudden commencements: none

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