IUGG: Association of Geomagnetism and Aeronomy

(International Service of Geomagnetic Indices)

July 2022

International quiet and disturbed days

Quietest days	1 – 5 :	5	17	29	14	6
	6 – 10 :	13	25	9	20	10
Most disturbed days	1 – 5 :	19	7*	8*	4*	21

Geomagnetic Planetary Indices

	Kp three-hourly								daily		
	1	2	3	4	5	6	7	8	Sum	Ap	Cp
1	1−	0+	0+	1−	1−	1o	3−	3+	10−	6	0.3
2	4o	5−	4o	2+	2o	3−	1−	3−	23o	17	0.9
3	2+	0o	1o	1+	2o	1o	2+	3o	13o	7	0.3
4	3−	4o	4−	3o	3o	4−	4−	3o	27−	19	1.0
5	0+	0+	1−	0+	0+	1o	1−	1−	4+	3	0.0
6	1−	1−	2−	1+	1−	1+	1−	0o	7o	4	0.1
7	0o	0+	2o	2+	5+	4o	4o	4o	22o	19	1.0
8	5o	5−	3o	3−	3o	2o	3−	2−	25−	19	1.0
9	1o	1o	0+	1−	3−	2o	2−	1+	11−	5	0.2
10	0+	1o	2+	2−	2+	1+	1+	1−	11o	5	0.2
11	1−	0+	1o	2+	2o	3o	4o	3o	16+	10	0.6
12	3−	2+	4−	3+	4+	3−	3+	2+	25−	16	0.9
13	1+	1o	1−	1o	2−	1+	1−	0o	8−	4	0.1
14	0+	0+	1−	1−	1+	1o	1+	1+	7o	4	0.1
15	2−	2o	0+	1o	2+	2o	2o	3−	14o	7	0.3
16	2−	2+	3o	2o	1−	1−	1−	1−	12−	6	0.3
17	1−	1−	1−	1−	1−	1−	2−	1o	7−	4	0.1
18	0+	1o	2−	2+	2+	1+	3−	3o	15−	8	0.4
19	3−	4o	4+	4−	5−	4o	4+	4−	31+	27	1.2
20	2−	2+	0+	1+	2−	1+	1+	1+	11+	5	0.2
21	2−	1−	1+	3−	3o	5+	5−	4−	23o	20	1.0
22	3+	2+	3−	3−	1+	2+	1+	2+	18+	10	0.6
23	4o	5+	3+	2−	2o	1o	2−	3−	22−	17	0.9
24	3−	2+	2o	1+	1+	3−	2o	2−	16o	8	0.4
25	2+	2−	0+	1−	1−	1o	1o	2−	9+	5	0.2
26	3+	2o	0+	2−	2−	1o	1o	2o	13o	7	0.3
27	2+	2+	2−	2o	2o	2+	2o	3−	17+	8	0.4
28	2−	2o	2+	1o	2+	2o	1+	1o	14−	6	0.3
29	1o	0+	0+	0+	1−	1o	2−	1+	7−	4	0.1
30	1+	1+	1−	1+	2+	2+	1−	2+	12+	6	0.3
31	2−	1+	2−	2−	3o	4o	2o	3o	18+	11	0.6
									Mean	10	0.46

Preliminary sudden commencements: none

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