IUGG: Association of Geomagnetism and Aeronomy

(International Service of Geomagnetic Indices)

July 2023

International quiet and disturbed days

Quietest days	1 – 5 :	4	9	3	19	10
	6 – 10 :	2	1	28	31	5
Most disturbed days	1 – 5 :	17	14	26*	7*	18*

Geomagnetic Planetary Indices

	Kp three-hourly								daily		
	1	2	3	4	5	6	7	8	Sum	Ap	Cp
1	2o	2o	1−	1−	1−	1−	1o	1+	9o	4	0.2
2	1−	1+	1−	1+	2−	1o	0+	1o	8o	4	0.1
3	1+	1−	1−	1o	1o	1o	1−	1+	8−	4	0.1
4	1−	1o	1−	1−	1o	1o	1−	1−	6+	3	0.1
5	1+	1−	0+	0+	1+	3−	2−	2+	11−	6	0.2
6	2o	2o	2−	3+	3o	2+	2−	3−	19−	10	0.6
7	3o	3−	4−	4o	3−	3−	4−	3+	26−	18	1.0
8	3+	1+	1+	1o	0+	1o	1+	1−	10+	6	0.3
9	0o	0+	0+	1o	1o	1+	1−	1o	6−	3	0.1
10	1o	1o	0+	1o	1+	1o	1+	1−	8−	4	0.1
11	2o	1−	3−	1o	2o	2o	2−	2−	14−	6	0.3
12	2o	1+	1+	1+	1+	2−	2+	1o	12+	6	0.3
13	2o	1−	1+	1−	1+	3o	2+	2−	13o	7	0.3
14	3o	3+	3+	2−	3−	4+	5−	4−	27−	20	1.0
15	3−	2−	1o	3−	2+	1o	1−	1−	13−	7	0.3
16	1−	1−	0+	0+	1−	1−	3+	4o	11−	8	0.4
17	3−	2−	4o	4o	3o	2o	5−	4+	26+	21	1.1
18	4+	3−	2o	2−	3+	1+	4−	2−	21−	14	0.8
19	1−	1o	1+	1o	1+	1o	1−	1−	8−	4	0.1
20	1−	1o	1−	1−	1+	4+	4−	2o	14+	10	0.6
21	2+	3+	2−	1+	1o	2o	2+	4+	18+	11	0.6
22	3o	3−	2+	2o	2−	0+	1o	2−	15−	8	0.4
23	0+	1−	1+	1o	2−	2+	2+	2o	12−	6	0.3
24	2+	1+	1−	1o	2−	1o	2−	2+	12o	6	0.3
25	1o	1−	2−	1−	2o	2−	2+	4+	14+	9	0.5
26	3+	5−	4o	3+	3o	3o	3−	2+	26+	19	1.0
27	2o	2−	1+	2o	1o	2o	2−	1o	13−	6	0.3
28	0+	0+	0+	1o	2o	1+	2+	2+	10o	5	0.2
29	2o	2+	0+	1o	3o	3o	2+	2−	16−	8	0.5
30	1−	3−	1+	2+	3−	2o	2o	2−	15+	8	0.4
31	1o	1o	2−	1+	2o	2+	1−	1+	11+	5	0.2
									Mean	8	0.41

Preliminary sudden commencements: none

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