IUGG: Association of Geomagnetism and Aeronomy

(International Service of Geomagnetic Indices)

October 2022

International quiet and disturbed days

Quietest days	1 – 5 :	1	13	19	25	21
	6 – 10 :	17K	26	12	18	11K
Most disturbed days	1 – 5 :	29	3	9	22	4*

Geomagnetic Planetary Indices

	Kp three-hourly								daily		
	1	2	3	4	5	6	7	8	Sum	Ap	Cp
1	0+	0o	0+	0+	0o	1+	1−	1−	4−	2	0.0
2	2+	1+	1o	2o	2+	3o	2+	5−	19o	12	0.7
3	4−	3o	3o	1+	4o	4o	6−	3o	28−	24	1.2
4	3o	4−	4+	2+	1+	1+	4+	3o	23+	17	0.9
5	2+	3+	3o	2−	2o	3o	3+	3+	22o	13	0.8
6	2+	2+	3+	2+	3o	3+	4o	4−	24+	16	0.9
7	4−	4o	3o	3−	3o	3o	1o	1−	21o	14	0.8
8	1o	3o	3+	2−	3−	3−	3o	2−	19o	11	0.6
9	4o	4−	4−	3o	4−	4+	4−	4−	30−	23	1.1
10	2+	3+	2o	3o	1o	1+	1+	2+	17−	9	0.5
11	3o	1+	1o	0+	1o	1o	1+	2+	11+	6	0.3
12	1−	0o	0+	1o	2o	1o	2+	2−	9o	4	0.2
13	1o	1−	1o	0+	1−	0+	1+	1+	7−	4	0.1
14	2o	2+	4−	4o	4+	3o	1+	3−	23+	16	0.9
15	5−	3o	2−	3−	1+	3o	4o	2o	22+	16	0.9
16	3o	2−	2+	4−	4o	3o	2+	3+	23+	15	0.9
17	1−	1−	0+	0o	1+	3o	0o	1−	7−	4	0.1
18	1−	0+	1+	1+	1o	2o	2−	2+	11−	5	0.2
19	1+	1+	1o	1−	1−	0+	1−	1o	7o	4	0.1
20	1−	0o	1o	2−	3o	2−	1o	2+	11+	6	0.3
21	1−	1o	1o	1+	0+	0+	1+	1+	7+	4	0.1
22	2o	2o	3−	4−	4−	5+	5o	3o	27+	24	1.1
23	3−	2o	2o	1o	2−	4−	4+	4o	21+	15	0.8
24	3−	2+	2o	1+	2o	1−	1−	1o	13−	6	0.3
25	0o	0o	1o	1+	1o	2o	0+	0+	6o	3	0.1
26	0o	0o	0o	0+	1o	1+	2−	3−	7o	4	0.1
27	2o	2−	2o	3−	3o	3o	2o	2−	18o	9	0.5
28	2o	2+	2+	2o	2+	4+	3o	4+	23−	15	0.8
29	4o	3+	5−	5−	4o	3+	3o	3o	30o	25	1.2
30	2o	3o	2+	3−	2+	2+	3o	2o	20−	10	0.6
31	3−	3−	3o	2o	2+	3+	2o	2−	20−	11	0.6
									Mean	11	0.57

Preliminary sudden commencements: none

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