IUGG: Association of Geomagnetism and Aeronomy

(International Service of Geomagnetic Indices)

October 2024

International quiet and disturbed days

Quietest days	1 – 5 :	25	13	21	1	2
	6 – 10 :	5	20K	14K	3A	17A
Most disturbed days	1 – 5 :	11	10	7	8	19

Geomagnetic Planetary Indices

	Kp three-hourly								daily		
	1	2	3	4	5	6	7	8	Sum	Ap	Cp
1	1+	2o	1+	1−	1o	2o	1+	1o	11−	5	0.2
2	2o	2−	2−	1+	2o	1−	1+	1o	12−	5	0.2
3	1o	1+	2−	2−	3o	1+	2+	2o	14+	7	0.4
4	2−	2−	1+	1o	2−	2+	2+	3o	15o	8	0.4
5	2+	0+	2−	1o	2−	1o	2−	2−	11+	5	0.2
6	1−	0+	2+	1+	3−	3+	3+	5−	19−	13	0.8
7	5+	5−	3o	5+	6−	5−	6+	6−	41−	54	1.6
8	7−	7o	6−	4o	3+	4−	4o	4+	39−	54	1.6
9	4o	4+	4−	3o	3+	3−	2o	2+	25+	18	1.0
10	2o	3−	1+	3−	4−	8−	8+	9−	37o	97	1.9
11	8+	8−	8−	8−	6+	4o	3o	3+	48o	116	1.9
12	3+	2−	2+	5−	4o	3o	3o	3−	25−	18	1.0
13	0+	0o	0+	1+	2−	1o	2−	1o	7+	4	0.1
14	1−	1−	1+	1−	1−	1−	2+	4−	11−	6	0.3
15	2+	2+	3+	2+	3−	3+	2o	2o	20+	11	0.6
16	2−	3−	3o	3o	3−	3o	3o	3−	22−	13	0.7
17	3−	3o	2−	1−	0+	1+	2+	2o	14o	7	0.4
18	3o	2+	0+	1o	3−	3+	3o	4−	19+	12	0.7
19	5o	5−	4−	3+	3o	2o	4o	4−	29+	25	1.2
20	3o	2o	2−	0+	1−	1−	1−	1+	10+	6	0.2
21	0+	0+	1+	1+	1o	2−	2−	2o	10−	5	0.2
22	1+	2−	2−	2o	2+	3o	2o	2−	16−	8	0.4
23	2−	3−	2−	3o	3−	1−	2o	1+	16−	8	0.4
24	3−	4+	3+	2−	1o	1+	2−	2o	18o	11	0.6
25	1o	0+	0o	0o	0+	0+	0+	1o	3+	2	0.0
26	1o	0o	1−	1o	3−	3o	4o	4o	16+	12	0.7
27	3−	2−	1o	3−	2o	3−	3−	3−	18o	10	0.5
28	3−	5−	4o	2+	3−	2+	2o	2+	23o	16	0.9
29	3o	2−	2+	2−	2o	3−	4o	2+	20−	11	0.7
30	4−	3o	3+	4o	3o	2+	2−	1+	22+	15	0.8
31	1−	1−	1+	1+	2−	2+	3o	4−	15−	8	0.5
									Mean	19	0.68

Preliminary sudden commencements: none

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