IUGG: Association of Geomagnetism and Aeronomy

(International Service of Geomagnetic Indices)

February 2023

International quiet and disturbed days

Quietest days	1 – 5 :	13	5	24	2K	4K
	6 – 10 :	1	19	17K	18	14
Most disturbed days	1 – 5 :	27	15	28	26	16

Geomagnetic Planetary Indices

	Kp three-hourly								daily		
	1	2	3	4	5	6	7	8	Sum	Ap	Cp
1	1o	1−	0+	0+	1o	1+	3−	2+	10−	5	0.2
2	3+	2−	0+	1−	0+	0o	0+	1−	7+	4	0.2
3	2o	2−	0+	0+	2−	3o	3−	2−	13+	7	0.4
4	3−	3−	1−	0+	1o	1−	0o	1o	9o	5	0.2
5	0+	2o	0+	1o	1o	1+	2−	1+	9o	4	0.2
6	3o	3+	3−	3+	3−	2+	4−	4−	25−	16	0.9
7	4o	4o	3+	4−	3o	3o	3−	3−	26+	18	1.0
8	3o	3+	3o	4o	3+	3−	3+	3o	26−	17	0.9
9	3o	4o	3−	3o	2+	3+	3+	4+	26o	18	1.0
10	4o	3−	2+	3−	3o	2o	3+	4−	24−	15	0.9
11	3+	3o	2o	2+	2+	1o	1o	0+	15+	8	0.5
12	2−	2o	2−	2o	2−	2−	2+	2o	15o	7	0.3
13	1−	0o	1−	1−	2o	1o	1+	1o	7+	4	0.1
14	2o	0+	2+	2o	1o	1+	1−	2+	12o	6	0.3
15	3−	4−	5+	4+	3+	4o	3+	4+	31o	27	1.2
16	3o	3−	5o	4+	4+	4+	1+	1+	26+	23	1.1
17	2−	3o	2o	1+	1+	1−	1o	0o	11o	6	0.3
18	1o	2o	1−	1+	2o	1−	2+	2o	12o	6	0.3
19	3−	1−	1+	1o	2o	1+	1+	1+	12−	6	0.3
20	1−	0+	2−	3o	2+	2−	2+	2−	14−	7	0.4
21	3o	3+	3+	4o	4−	2−	1o	1+	21+	14	0.8
22	1+	0+	1+	2−	2o	2o	2o	2+	13o	6	0.3
23	4+	4−	3o	3−	3−	4o	3+	4−	27+	20	1.0
24	2+	1o	2o	1+	2−	1−	0o	0+	9+	4	0.2
25	1−	0+	2−	2o	2o	3+	3o	3+	16+	10	0.5
26	3+	2+	3o	3+	3o	2−	5o	6−	27+	24	1.2
27	5o	6o	7−	7−	6+	7−	6+	6o	50−	91	1.8
28	6−	5−	3o	3o	2−	1+	4o	4+	28−	26	1.2
									Mean	14	0.63

Preliminary sudden commencements: 14 d 1 h 19 m
20 d 10 h 36 m
26 d 19 h 23 m

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