IUGG: Association of Geomagnetism and Aeronomy

(International Service of Geomagnetic Indices)

May 2023

International quiet and disturbed days

Quietest days	1 – 5 :	18	17	5	29	3
	6 – 10 :	27	30	26	15	4
Most disturbed days	1 – 5 :	20	6	10	21	22

Geomagnetic Planetary Indices

	Kp three-hourly								daily		
	1	2	3	4	5	6	7	8	Sum	Ap	Cp
1	3−	1+	2o	1+	1+	2+	3−	3+	17o	9	0.5
2	3+	3−	2−	3−	1o	1o	2−	1−	15−	8	0.4
3	0o	0o	0+	0+	1o	1o	1−	2o	5+	3	0.0
4	1+	1+	2−	1−	1−	2o	1o	2+	11o	5	0.2
5	2−	1−	1−	1−	0+	0+	1−	1−	6−	3	0.1
6	4+	6o	3+	5−	4+	3−	3o	2o	30+	29	1.3
7	1o	2−	2o	1+	2+	4o	2o	3−	17o	10	0.5
8	4+	2−	1+	1o	4−	3+	2+	4−	21+	15	0.8
9	4−	3−	1o	1+	2+	2o	2−	4+	19o	12	0.7
10	4−	5+	3−	4o	5−	3+	2o	3−	28+	24	1.2
11	3−	3−	2o	2−	1+	2−	2o	2+	16+	8	0.4
12	2+	3o	3o	2+	5+	3+	3−	2+	24+	18	1.0
13	2+	2o	2o	1−	1+	2+	4−	4o	18+	11	0.6
14	1−	1+	1−	1o	2o	3+	3o	2+	14+	8	0.4
15	1o	0+	0+	0+	1o	1+	3−	2−	9−	5	0.2
16	2+	2o	3−	1o	1+	1+	2−	1+	14−	7	0.3
17	1o	1−	0+	1−	1−	1−	1−	0+	5o	3	0.1
18	1−	0+	0+	0+	0+	0o	0+	0o	2+	2	0.0
19	0+	0+	0+	1−	1o	2−	3o	4o	11+	8	0.4
20	6−	5o	5−	5−	3−	3+	3o	3+	32+	32	1.3
21	3−	2o	1+	1+	3o	4o	6−	6−	26−	26	1.2
22	5−	3+	3−	3−	2+	3+	4o	4o	27o	20	1.0
23	3−	3o	3−	2o	1−	1o	3+	4−	19o	12	0.7
24	2o	2+	1+	2o	3−	2+	3o	3−	18+	10	0.5
25	3o	3−	3o	3−	2o	1+	3o	2−	19+	11	0.6
26	2−	2−	1+	1o	1o	1o	1+	2−	11−	5	0.2
27	1−	1o	1−	1−	0+	0+	1o	2o	7−	4	0.1
28	3−	3o	2o	2o	3o	1+	2−	2−	17+	9	0.5
29	1−	0+	0+	1−	1−	1o	1o	1+	6o	3	0.1
30	1−	0+	1−	1o	1−	1o	1+	2o	8−	4	0.1
31	2+	1+	2+	2−	2+	3−	2+	3o	18o	9	0.5
									Mean	11	0.51

Preliminary sudden commencements:

6 d	1 h	29 m
8 d	13 h	56 m
9 d	22 h	48 m
12 d	6 h	30 m
13 d	22 h	25 m

Editor: GFZ German Research Centre for Geosciences
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