IUGG: Association of Geomagnetism and Aeronomy

(International Service of Geomagnetic Indices)

December 2023

International quiet and disturbed days

Quietest days	1 – 5 :	9	11	22	28	31
	6 – 10 :	25	10	27	30	8
Most disturbed days	1 – 5 :	1	17	18	14*	5*

Geomagnetic Planetary Indices

	Kp three-hourly								daily		
	1	2	3	4	5	6	7	8	Sum	Ap	Cp
1	4+	4−	4o	7−	6o	5−	5+	5o	40−	52	1.6
2	5+	4o	1+	1−	1−	1+	1−	1+	15+	13	0.8
3	2+	3−	3−	2o	3−	3o	2o	2−	19o	10	0.6
4	2o	3−	3−	3−	3−	2−	1+	1o	17−	9	0.5
5	3o	3+	3−	3+	3+	3−	2+	2+	23o	14	0.8
6	3−	2+	2+	2+	3−	3o	2o	2−	19o	10	0.6
7	1o	1o	1o	1o	1−	1−	2o	2o	9+	4	0.2
8	1o	0+	1−	1o	1−	2−	2o	1+	9−	4	0.1
9	0o	0o	1−	0o	0+	1−	0+	0o	2o	1	0.0
10	1−	1−	1−	0+	1−	1−	1+	1−	6−	3	0.1
11	0o	1o	0o	0o	0+	0+	0o	0o	2−	1	0.0
12	0o	1+	1−	1−	3+	3+	2+	1−	12+	7	0.4
13	1−	2o	1+	1o	1+	3−	2+	2+	14−	7	0.3
14	4−	4+	3o	3+	3−	2o	1o	2o	22o	15	0.8
15	1+	1−	0+	3−	3o	3o	3+	3o	17+	11	0.6
16	3+	4o	3o	2−	3−	1−	3−	3−	21−	13	0.8
17	3+	5−	4+	5−	5+	5+	2+	3+	33+	33	1.3
18	2+	3+	5+	4−	3+	3o	3o	4+	28+	23	1.1
19	4−	3+	2o	2−	2−	2o	2o	3−	19o	11	0.6
20	4o	3o	2+	2−	2o	3−	1+	1−	18−	10	0.6
21	3−	0+	0+	2o	1−	1+	0+	0o	8−	4	0.1
22	0+	1+	1o	0+	0o	0+	0+	0+	4o	2	0.0
23	0+	0+	2o	1−	2o	3−	1−	1o	10−	5	0.2
24	3−	3−	3−	3o	2+	1o	1o	1−	16o	9	0.5
25	0+	1o	1−	0+	0+	1o	1+	0o	5o	3	0.0
26	0+	2−	1+	2−	2−	1+	1o	1−	10−	5	0.2
27	2o	2−	1o	1+	0+	1−	1−	0+	8o	4	0.1
28	0o	0o	1−	0+	0+	0+	0o	2−	3+	2	0.0
29	1+	1o	1+	2o	2−	1−	2−	2+	12o	6	0.3
30	1o	2+	1+	0+	1−	1o	1o	0o	8−	4	0.1
31	0o	1−	0+	0+	0+	1−	1o	1+	5−	3	0.0
									Mean	10	0.43

Preliminary sudden commencements: none

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