IUGG: Association of Geomagnetism and Aeronomy

(International Service of Geomagnetic Indices)

December 2020

International quiet and disturbed days

Quietest days	1 – 5 :	4	17	18	7	1
	6 – 10 :	16	15	3	31	2
Most disturbed days	1 – 5 :	22*	21*	23*	24*	30*

Geomagnetic Planetary Indices

	Kp three-hourly								daily		
	1	2	3	4	5	6	7	8	Sum	Ap	Cp
1	1o	0o	0o	0o	0o	0+	0+	1−	2+	1	0.0
2	1+	0+	1+	1−	0o	1−	1−	1−	6−	3	0.1
3	0o	0o	0o	0+	1o	2−	0+	0+	4−	2	0.0
4	0o	0o	0o	0o	0o	0+	0o	0o	0+	0	0.0
5	0o	0o	0o	1−	2o	1o	3−	1o	7+	4	0.1
6	1+	1o	1o	1o	2o	1o	2o	2+	12−	6	0.2
7	1−	0o	0+	1−	0o	1−	0o	0o	2+	1	0.0
8	1−	2−	1+	1o	1o	0o	0+	1o	7o	4	0.1
9	2−	3−	2o	0+	0+	2−	3o	1+	13o	7	0.3
10	3+	2+	1o	0+	1−	1−	1+	2+	12o	7	0.3
11	3−	2+	1+	1o	1−	1−	2o	1+	12o	6	0.3
12	1+	1−	1o	0+	0+	1−	1o	2−	7o	4	0.1
13	3o	1+	0o	0o	1−	0+	2−	1+	8+	4	0.2
14	0o	0+	0o	1−	0+	1o	2−	1o	5o	3	0.0
15	1+	0o	1−	0o	0o	0o	1−	1o	4−	2	0.0
16	1o	0+	0o	0o	0+	1−	0+	1−	3+	2	0.0
17	1−	0+	0o	0o	0o	0o	0o	0+	1+	1	0.0
18	0+	0o	0+	0+	0+	1−	0+	0o	2+	2	0.0
19	1+	0+	1o	2−	2o	1o	1+	1o	10−	5	0.2
20	1−	1−	1+	1o	1+	1+	0+	1+	8o	4	0.1
21	3−	3+	2+	2o	2o	1−	2+	4+	20−	12	0.7
22	3+	3+	3o	3−	3−	2+	3o	2−	22o	13	0.8
23	3+	4+	2+	2+	2−	1+	1+	2o	19−	11	0.7
24	1−	3−	2o	2o	3−	3o	1o	1+	15+	8	0.4
25	2+	1+	1o	1−	2o	1o	0o	0o	8+	4	0.1
26	0o	2−	1−	0+	1−	1−	2−	2o	8−	4	0.1
27	2−	1+	1−	2−	2−	1o	1o	2o	11o	5	0.2
28	2o	2o	2+	2o	2o	1o	2−	1+	14+	6	0.3
29	2+	3−	1−	1−	1−	1+	1+	2o	12−	6	0.3
30	2+	3−	2−	2o	2o	1o	1−	3−	15o	8	0.4
31	1+	1o	0+	1o	1−	0+	0o	0+	5o	3	0.0
									Mean	5	0.19

Preliminary sudden commencements: none

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