IUGG: Association of Geomagnetism and Aeronomy

(International Service of Geomagnetic Indices)

October 2020

International quiet and disturbed days

Quietest days	1 – 5 :	14	9	10	15	8
	6 – 10 :	18	13	11	12	16
Most disturbed days	1 – 5 :	24*	26*	25*	23*	29*

Geomagnetic Planetary Indices

	Kp three-hourly								daily		
	1	2	3	4	5	6	7	8	Sum	Ap	Cp
1	2+	1+	2o	3o	3−	3+	2+	2−	19−	10	0.6
2	2o	2o	1+	3−	2+	2−	2+	1+	16−	8	0.4
3	2−	1+	1+	2−	1−	1−	1o	1o	9+	4	0.2
4	1−	2−	0+	1−	2−	0+	0+	1o	7−	4	0.1
5	0+	0+	1o	1o	2+	3+	4+	3−	15+	10	0.6
6	2+	4−	1o	1−	1o	0+	0+	1−	10o	6	0.3
7	0+	1−	0+	1o	2+	1+	1−	1o	8−	4	0.1
8	1−	0+	1−	0+	0o	0+	0+	1−	3+	2	0.0
9	0+	0o	0+	0o	0o	0o	0o	0o	1−	0	0.0
10	0o	0o	0o	1−	0o	1−	0o	0o	1+	1	0.0
11	0o	0o	0+	0+	0+	1−	0+	1+	3+	2	0.0
12	0+	0o	0o	0+	1−	1o	1−	1+	4+	2	0.0
13	1o	1−	0+	0+	0o	1−	0+	0+	4−	2	0.0
14	0o	0o	0o	0o	0o	0o	0o	0o	0o	0	0.0
15	0o	0o	0o	0o	0o	0+	1−	1o	2o	1	0.0
16	1+	1−	1−	1−	1−	1−	1−	1+	7−	4	0.1
17	1−	2−	2o	1o	1−	0+	1+	1+	9o	4	0.2
18	1−	0+	0+	0+	0o	0+	0+	1o	3+	2	0.0
19	0+	1o	1o	2o	3o	2−	2−	2−	12+	6	0.3
20	2+	2−	1−	0+	0o	0+	1o	1−	7o	4	0.1
21	2+	2+	4−	2o	1−	1−	1o	2−	14+	8	0.4
22	3+	0+	0+	0+	1o	1−	1+	1+	9−	5	0.2
23	1+	1+	0+	0+	2−	3−	5−	5−	17o	14	0.8
24	3+	4o	4o	3o	2−	3+	3o	2+	25−	17	0.9
25	3−	1+	2o	3−	4−	4−	4−	2+	22o	14	0.8
26	2o	4−	3+	3−	3+	2o	3o	3o	23o	14	0.8
27	2−	2−	3+	3−	0+	0+	2+	2o	14+	8	0.4
28	2−	3−	1+	2−	3−	3+	3+	2−	18+	10	0.6
29	1o	3−	3−	3+	2+	4o	1+	2o	19+	12	0.7
30	2o	1+	1−	1o	0+	0+	1o	2o	9−	4	0.1
31	1−	1+	2+	2o	2−	2+	0o	1−	11o	5	0.2
									Mean	6	0.29

Preliminary sudden commencements: none

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