IUGG: Association of Geomagnetism and Aeronomy

(International Service of Geomagnetic Indices)

December 2017

International quiet and disturbed days

Quietest days	1 – 5 :	3	22	21	10	15
	6 – 10 :	16	30	31	2	9
Most disturbed days	1 – 5 :	5	17	18*	6*	12*

Geomagnetic Planetary Indices

	Kp three-hourly								daily		
	1	2	3	4	5	6	7	8	Sum	Ap	Cp
1	1+	3−	1+	1o	1+	3−	2+	1−	13+	7	0.3
2	1−	0o	0+	0o	0+	2+	0+	1−	5−	3	0.0
3	0o	0o	0o	0+	0+	0o	0o	1−	1+	1	0.0
4	0o	0o	2−	1o	2+	3o	3+	4o	15+	10	0.6
5	3+	3o	4o	5−	5o	4+	4−	4−	32−	28	1.2
6	3+	4o	3+	2−	3o	3−	3o	2+	23+	15	0.8
7	2o	2o	2+	1o	3+	3o	2+	2+	18+	10	0.5
8	1+	1+	2o	1+	2−	1−	1o	1−	10o	5	0.2
9	1−	0o	0+	0+	2−	2−	1o	0+	6o	3	0.1
10	0o	0o	1o	0o	1−	1−	0+	1+	4o	2	0.0
11	1o	3−	2+	2+	3+	2+	2+	2−	18o	10	0.5
12	2+	3−	2+	2+	1+	3−	4o	3o	21−	12	0.7
13	1−	0o	1+	1o	2−	2o	3−	2+	12−	6	0.3
14	3−	1o	0+	0+	0+	0o	1o	1−	6+	4	0.1
15	0o	0o	0+	1o	1+	1o	1−	1+	6−	3	0.1
16	0o	0o	1−	1−	1−	1−	0+	2o	5o	3	0.0
17	3−	3o	5−	3o	3+	4−	5−	4−	29−	23	1.1
18	4o	4−	4+	3+	3o	2+	2−	1−	23o	16	0.9
19	1−	1o	0+	0+	1o	2−	2−	2+	9o	4	0.2
20	2o	2o	1o	2−	1−	1+	2−	0o	10+	5	0.2
21	0+	0+	1−	1o	1−	1−	0o	0o	4−	2	0.0
22	0o	0+	0+	0o	0+	0o	0o	1o	2o	1	0.0
23	1+	3−	1+	2−	1−	0o	1−	1−	9o	5	0.2
24	1+	2o	2o	2+	3+	3+	2+	3o	20−	11	0.6
25	3o	1−	2o	3−	1+	2o	3o	2o	17−	9	0.5
26	3−	3−	1+	2−	1+	2−	4−	3o	18o	10	0.6
27	2−	2+	1+	1+	1o	3−	2−	3−	15−	7	0.4
28	1o	0+	1+	1o	2−	1+	1o	2−	9+	4	0.2
29	1−	1o	0+	0+	1−	1o	2+	1−	7o	4	0.1
30	0+	1+	0+	0o	1−	1o	0+	2−	6−	3	0.1
31	0+	0o	0o	0+	0+	1−	1+	2o	5o	3	0.0
									Mean	7	0.34

Preliminary sudden commencements: none

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