IUGG: Association of Geomagnetism and Aeronomy

(International Service of Geomagnetic Indices)

July 2019

International quiet and disturbed days

Quietest days	1 – 5 :	26	20	25	6	19
	6 – 10 :	18	3	5	24	7
Most disturbed days	1 – 5 :	9*	10*	30*	1*	8*

Geomagnetic Planetary Indices

	Kp three-hourly								daily		
	1	2	3	4	5	6	7	8	Sum	Ap	Cp
1	2+	3o	2+	1+	2o	1+	1+	2−	15+	8	0.4
2	1+	1−	1o	1o	1+	2−	2o	0+	9+	4	0.2
3	0o	0+	1+	1o	1+	1+	1+	0o	7−	3	0.1
4	0o	0+	0+	0+	2o	1+	2+	2o	9−	4	0.1
5	2−	1−	1o	1o	2−	1−	0+	0+	7+	4	0.1
6	1o	1o	1−	1−	0+	0+	0+	1−	5o	3	0.1
7	0+	1o	1+	1o	1o	1−	1o	2−	8o	4	0.1
8	2+	1+	1−	0o	0+	1−	4−	3+	12+	8	0.4
9	3o	2+	2o	2−	2−	3−	5o	3+	22−	15	0.9
10	2−	4+	5−	3+	2+	2o	1o	2−	21o	15	0.9
11	3−	2o	3o	1o	1o	1−	1−	0+	11+	6	0.3
12	1−	1+	2o	2−	1+	1−	1−	1o	9+	4	0.2
13	0+	1−	1o	2−	2−	2o	2+	1+	11o	5	0.2
14	2o	1−	1−	0+	1−	1o	2−	2+	9+	5	0.2
15	3−	2−	1o	2+	2−	1o	2+	0+	13o	6	0.3
16	0+	1+	2−	1+	1o	1o	2−	1o	9+	4	0.2
17	1+	2+	1+	1o	1+	1−	1o	2−	11−	5	0.2
18	0+	0o	0+	1−	1o	1o	1−	1+	5+	3	0.1
19	1−	0+	0+	1o	1−	1−	1−	1o	5+	3	0.1
20	0o	0o	1−	0+	1−	0+	1−	0+	3o	2	0.0
21	0o	1−	2−	1+	1o	2−	3o	4−	13o	8	0.4
22	2−	1+	2+	2+	2+	2−	2o	1o	15−	7	0.3
23	1−	2o	2o	2−	2o	1−	1−	2−	11+	5	0.2
24	1o	1o	0o	1−	1+	1+	1o	1+	8−	4	0.1
25	0+	0o	0o	0+	1o	1−	0+	1−	3+	2	0.0
26	0o	0o	0+	0+	0+	0+	0+	0+	2o	2	0.0
27	0+	0+	0+	1+	1−	1o	2+	1+	8−	4	0.1
28	1+	2−	1o	1o	1o	1o	1−	0+	8o	4	0.1
29	2−	2−	1+	0+	1o	1+	0+	0+	8o	4	0.1
30	1+	0+	0o	1−	3−	3+	2+	3−	13+	8	0.4
31	3−	1+	3−	1+	1o	1o	2−	2o	14−	7	0.3
									Mean	5	0.23

Preliminary sudden commencements: none

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