IUGG: Association of Geomagnetism and Aeronomy

(International Service of Geomagnetic Indices)

July 2020

International quiet and disturbed days

Quietest days	1 – 5 :	8	12	11	10	23
	6 – 10 :	26	22	9	20	27
Most disturbed days	1 – 5 :	25*	24*	14*	5*	4*

Geomagnetic Planetary Indices

	Kp three-hourly								daily		
	1	2	3	4	5	6	7	8	Sum	Ap	Cp
1	1−	1o	1−	1o	0+	0+	2+	2o	8+	4	0.1
2	1−	1−	0+	0+	1−	1+	1o	1−	6−	3	0.1
3	0+	1o	1o	1o	1−	1−	1−	0+	6−	3	0.1
4	1o	1o	1+	1o	2o	1+	2+	3o	13o	7	0.3
5	2−	3−	3+	3−	1+	1o	2o	3−	17+	10	0.5
6	1o	1o	1+	1−	1+	1+	1+	0+	8+	4	0.1
7	0+	1o	2−	0+	0+	0+	0+	1−	5o	3	0.1
8	0o	1−	0+	0+	0+	0+	0+	0+	3−	2	0.0
9	0+	0+	1o	1−	1o	1o	1−	0o	5o	3	0.0
10	0o	0+	1+	0+	0+	0+	0+	0o	3o	2	0.0
11	1−	0+	0o	0+	0+	0+	1−	1o	4−	2	0.0
12	0+	0o	0+	1−	1−	0+	0o	0+	3−	2	0.0
13	1o	1+	2o	2−	1−	1o	1+	3−	12−	6	0.3
14	4−	4−	3+	1+	2−	1o	0+	0+	15+	10	0.6
15	0o	1+	1+	1o	2o	2o	1−	0o	8+	4	0.1
16	0o	0+	0+	2−	1o	1o	1o	1o	6+	3	0.1
17	1o	0+	0+	1−	1o	1+	1o	1+	7o	4	0.1
18	1+	1−	1o	0+	1o	0+	0+	1o	6o	3	0.1
19	0o	1−	1o	1o	1o	1−	1−	2−	7−	3	0.1
20	0+	1o	1o	0+	0+	1−	1−	1o	5+	3	0.1
21	1o	1+	1−	0+	1−	1o	1−	2−	7+	4	0.1
22	1−	1−	0+	0+	0+	1+	1o	0o	5−	3	0.0
23	0+	0+	1−	1−	1o	0+	0+	0+	4o	2	0.0
24	1o	3−	3−	2o	2+	4−	3−	3o	20o	12	0.7
25	4−	3−	2+	2o	2o	2−	2−	4o	20o	12	0.7
26	1o	0+	0+	0+	1−	0+	0+	1o	4+	3	0.0
27	1−	1−	1o	0+	1−	1−	1−	1o	6−	3	0.1
28	2o	1−	1−	0+	1o	1−	1−	1−	7−	4	0.1
29	2o	1−	2−	0+	1+	1−	1−	0+	8−	4	0.1
30	1o	1o	2−	1−	0+	0+	0o	1−	6−	3	0.1
31	1o	1o	0+	1o	1+	1o	1−	1−	7o	4	0.1
									Mean	4	0.15

Preliminary sudden commencements: none

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