IUGG: Association of Geomagnetism and Aeronomy

(International Service of Geomagnetic Indices)

July 2009

International quiet and disturbed days

Quietest days	1 – 5 :	17	19	18	2	26
	6 – 10 :	16	29	27	1	4
Most disturbed days	1 – 5 :	22	14*	13*	23*	10*

Geomagnetic Planetary Indices

	Kp three-hourly								daily		
	1	2	3	4	5	6	7	8	Sum	Ap	Cp
1	1−	1+	1o	1−	0+	0+	0+	0+	5o	3	0.1
2	0+	1−	1−	0+	0+	0+	0+	0o	3o	2	0.0
3	0+	1−	0+	1o	1−	1−	1−	1+	6−	3	0.1
4	1o	1−	0+	0+	1−	1o	1−	1o	6−	3	0.1
5	2o	2o	0+	0+	0+	1o	2o	2−	10−	5	0.2
6	1+	2−	1−	0+	0+	0+	1−	1o	6+	3	0.1
7	1−	1−	0+	1o	1−	2−	1+	1−	7o	4	0.1
8	1o	0+	2−	1+	1o	1o	1−	1−	8−	4	0.1
9	1+	1−	1+	1o	0+	2−	3−	2+	11+	6	0.3
10	2+	3o	1+	1+	2−	2−	1−	1+	13+	7	0.3
11	1o	1+	1+	0+	1−	0+	0+	1o	6+	3	0.1
12	1−	1−	1o	1−	1o	0+	0+	1o	6−	3	0.1
13	1−	1−	0+	1o	3−	3+	2+	3o	14o	8	0.4
14	4−	2+	2−	1+	2o	1o	1−	1+	14o	8	0.4
15	1o	2−	1+	1o	1o	1o	0+	0+	8−	4	0.1
16	1−	0+	1o	0+	0+	0o	0+	0+	3+	2	0.0
17	0o	0+	0o	0+	0o	0+	0o	0o	1o	1	0.0
18	0o	1−	0+	0+	1−	0o	0+	0o	2+	2	0.0
19	0o	0+	0+	0+	0+	0o	0o	0o	1+	1	0.0
20	0+	1+	1+	2o	2−	2+	0+	0o	9+	4	0.2
21	1−	1o	1−	1o	1−	1o	1o	1o	7o	4	0.1
22	3o	6−	5o	4+	2−	2−	2+	1+	25o	24	1.1
23	1+	1+	2o	2−	2−	2+	2+	2o	15−	7	0.3
24	2o	1o	2o	1+	1+	2o	1−	1o	11+	5	0.2
25	2o	2o	0+	1o	1o	0+	1−	1+	9−	4	0.1
26	1−	0+	1−	0+	1−	0+	0+	0o	3+	2	0.0
27	1−	1−	1−	0+	1o	1−	1−	1−	5+	3	0.1
28	1o	1+	1o	1o	1−	1o	0o	1−	7−	3	0.1
29	1−	1o	0+	1−	1−	0+	0o	0o	4−	2	0.0
30	0+	0o	0o	1+	1o	2o	1+	0+	6+	3	0.1
31	0o	1−	2+	2−	1+	1o	1−	1−	8+	4	0.1
									Mean	4	0.16

Preliminary sudden commencements: 13 d 13 h 23 m
22 d 3 h 40 m
30 d 10 h 08 m

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