IUGG: Association of Geomagnetism and Aeronomy

(International Service of Geomagnetic Indices)

July 2004

International quiet and disturbed days

Quietest days	1 – 5 :	8	7	9	21	6
	6 – 10 :	4	10	29	18	3
Most disturbed days	1 – 5 :	27	25	23	26	24

Geomagnetic Planetary Indices

	Kp three-hourly								daily		
	1	2	3	4	5	6	7	8	Sum	Ap	Cp
1	2+	2o	3−	2+	2+	1+	2o	2+	17+	8	0.5
2	2−	2o	2−	2o	2o	2+	2+	3−	17−	8	0.4
3	2+	1+	2−	1+	2−	1+	2o	1−	12+	6	0.3
4	2o	1+	1+	2−	1o	1+	1o	2o	12−	5	0.2
5	2+	2−	0+	1o	1+	1+	2o	2+	12+	6	0.3
6	1+	2+	1+	1+	1−	1o	1−	1−	9+	5	0.2
7	0+	1+	1o	0+	1o	0+	1−	1−	6−	3	0.1
8	0+	0+	0+	0+	1−	0+	0+	0+	3o	2	0.0
9	1+	1+	1o	0+	0+	1−	1+	0+	7−	4	0.1
10	1o	2o	2o	1+	1o	2−	2−	1+	12o	6	0.2
11	3−	1o	1o	3+	4+	2o	4−	5o	23o	18	1.0
12	4o	3−	2o	1o	2−	1+	2+	4o	19o	12	0.7
13	4+	3o	3+	2+	2o	2+	3−	2+	22+	14	0.8
14	1o	2−	2−	1+	1+	2o	2+	2−	13o	6	0.3
15	1o	1−	1−	1−	0+	2o	3−	3o	11o	6	0.3
16	1o	1−	1+	1+	2+	2o	2o	4+	15o	9	0.5
17	6o	4o	4+	2+	2o	1o	1+	2−	23−	21	1.1
18	1+	2o	2o	2o	1−	1+	1+	2−	12+	6	0.3
19	1−	2+	1+	2−	2−	3−	2o	3o	15+	8	0.4
20	2−	2o	1+	1+	3−	2−	3−	3−	16o	8	0.4
21	1o	2−	2−	0+	0+	1−	0+	1−	7−	4	0.1
22	1o	0+	0+	3−	4−	3+	5+	7o	24−	31	1.3
23	6o	5+	6o	5+	5+	6−	3o	1+	38o	52	1.6
24	3−	3−	4+	3o	6o	5o	4o	6−	33+	37	1.4
25	7o	7+	6+	8−	7+	8o	7+	7+	58+	154	2.0
26	7+	4−	2−	2o	1+	2o	4−	7+	29o	47	1.5
27	8+	8−	7+	8o	9−	8+	6+	6o	61−	186	2.1
28	3+	3+	2+	2o	3+	4−	3o	3o	24o	15	0.9
29	2o	2+	2o	1+	1o	1+	1o	1o	12o	6	0.3
30	1o	1+	1+	1o	1+	2−	2+	3+	13+	7	0.4
31	1+	2−	1+	2−	2+	2o	2−	2+	14+	7	0.3
									Mean	23	0.65

Preliminary sudden commencements:

16 d	13 h	53 m
22 d	10 h	36 m
24 d	6 h	15 m
26 d	22 h	49 m
30 d	21 h	12 m

Editor: GeoForschungsZentrum Potsdam
Adolf-Schmidt-Observatorium für Geomagnetismus
Lindenstr. 7
D-14823 Niemegk
F.R. Germany