IUGG: Association of Geomagnetism and Aeronomy

(International Service of Geomagnetic Indices)

December 2002

International quiet and disturbed days

Quietest days	1 – 5 :	18	17	11	12	13
	6 – 10 :	10	16	9K	31A	15A
Most disturbed days	1 – 5 :	27	19	23	20	24

Geomagnetic Planetary Indices

	Kp three-hourly								daily		
	1	2	3	4	5	6	7	8	Sum	Ap	Cp
1	4-	3+	3o	3+	3+	4-	2+	4-	26+	18	1.0
2	3-	3-	3-	3-	2o	3+	3o	3o	22o	13	0.7
3	3-	3o	2o	3-	3o	2o	3-	2-	20-	11	0.6
4	2-	2o	3-	2o	2+	4-	4-	3-	21-	12	0.7
5	3o	3-	2+	2o	2o	2o	2-	2-	17+	9	0.5
6	2-	2+	2-	2+	1o	3o	2+	3o	17+	9	0.5
7	4-	3o	3o	4-	3+	3o	3+	3+	26+	18	1.0
8	2o	4o	2o	1+	3-	3+	3-	2+	20+	12	0.7
9	3o	1-	1-	1o	1+	2-	1o	1+	11-	6	0.3
10	2+	1o	1o	1o	0+	1o	1+	2o	10o	5	0.2
11	0+	1+	2-	2-	1+	1o	1o	1-	9o	4	0.2
12	1+	1+	1-	1o	1+	1+	1+	1+	10-	5	0.2
13	2-	1+	0+	1-	1o	1+	1+	2-	9+	4	0.2
14	2o	2o	2o	2+	2+	4o	4-	3+	22-	13	0.8
15	3+	2o	1+	2-	2+	1+	2o	2-	16-	8	0.4
16	2-	1+	2-	2-	1+	1o	1-	2-	11o	5	0.2
17	2o	1o	0+	0o	0+	0+	1-	1-	5+	3	0.1
18	1-	1-	1-	0+	1+	1-	0+	1-	5+	3	0.1
19	3-	4-	4+	4+	4+	4o	5-	2o	30o	25	1.2
20	3+	4o	2o	2+	3+	3+	4+	5-	27+	21	1.1
21	5o	6-	3-	2-	2o	3o	2-	2+	24o	21	1.1
22	2+	1+	1o	2o	3+	2+	3+	3-	18+	10	0.6
23	3+	3o	4o	4+	4o	3o	4o	4o	30-	24	1.1
24	4-	1o	3-	3o	5-	4+	4-	3o	26o	20	1.0
25	3o	3-	3-	2o	3+	2+	3+	2-	21o	12	0.7
26	2-	2-	2-	3o	3+	3+	3o	5-	22+	15	0.9
27	5-	6o	5-	4+	4+	4+	4-	3+	35+	37	1.4
28	3+	4-	4+	4o	3o	3+	3-	2+	27-	19	1.0
29	3o	2o	2+	3-	2+	4-	3o	3-	22-	13	0.7
30	3+	2-	3-	2o	3-	2+	3o	2+	20o	11	0.6
31	3+	2+	2-	2o	2-	1-	0+	1+	13+	7	0.4
									Mean	13	0.65

Preliminary sudden commencements: 22 d 10 h 28 m
22 d 13 h 02 m

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