IUGG: Association of Geomagnetism and Aeronomy

(International Service of Geomagnetic Indices)

December 1999

International quiet and disturbed days

Quietest days	1 – 5 :	22	21	26	14	23
	6 – 10 :	20	19	15K	2	1
Most disturbed days	1 – 5 :	31	4	13	5	6*

Geomagnetic Planetary Indices

	Kp three-hourly								daily		
	1	2	3	4	5	6	7	8	Sum	Ap	Cp
1	2+	1-	0+	1+	1-	1+	2o	1+	10o	5	0.2
2	2-	0+	0+	1-	2-	1-	2-	2+	9+	5	0.2
3	3-	3-	2o	4o	3o	4-	3o	3o	24o	16	0.9
4	4+	3o	4o	5o	4+	5o	4-	3+	33-	30	1.3
5	4o	4-	4+	4-	3-	4-	3o	3-	28-	20	1.0
6	2+	4+	4-	3+	4-	3o	3o	2+	26-	18	1.0
7	4-	3-	3+	3+	2+	3o	3+	3o	25-	16	0.9
8	3o	2+	4-	3-	2+	3o	3-	3+	23o	14	0.8
9	3+	4-	3-	3-	2+	2o	3o	3o	23-	14	0.8
10	2o	3-	2o	1+	2o	3o	3+	2o	18+	10	0.5
11	1o	2+	3-	2o	3+	2o	0o	0o	13+	7	0.4
12	1+	3-	1-	2o	1+	3o	4-	3+	18o	11	0.6
13	4o	5-	6-	4o	4-	3+	1+	0+	27o	26	1.2
14	1+	1o	1-	0o	0o	1o	1+	0o	5+	3	0.0
15	0+	0+	0o	0o	0+	0+	1+	3o	6-	4	0.1
16	2-	2o	2o	1-	1-	1o	1+	2-	11o	5	0.2
17	2o	3-	2-	1+	2o	2+	2o	1-	15-	7	0.4
18	1o	1-	1+	1o	1o	3-	2+	2+	12+	6	0.3
19	1o	2o	1-	1o	2o	1+	1o	1o	10o	5	0.2
20	0o	0o	1-	1+	0+	1o	1-	2-	6-	3	0.1
21	0+	0+	1o	1-	0o	1-	1-	0+	4o	2	0.0
22	0o	0o	0o	0o	0+	0+	0+	0o	1o	1	0.0
23	0o	0o	0o	0o	1o	1+	1-	2-	5-	2	0.0
24	2+	4-	4o	2+	2-	1o	1+	2o	18+	11	0.6
25	3-	3-	3+	1+	3+	2o	1+	1+	18o	10	0.6
26	1-	0o	0o	0o	0+	0+	0+	2-	3+	2	0.0
27	3+	3-	2-	1+	1-	1o	2-	1-	13o	7	0.4
28	1+	3-	1o	1+	2-	1+	2+	3+	15o	8	0.4
29	3+	3-	2o	1-	0+	2o	1+	3-	15o	8	0.4
30	0+	1o	2-	2-	1+	2o	4o	4+	16+	11	0.6
31	6-	4+	4-	4-	4o	4-	5-	5+	35o	36	1.4
									Mean	10	0.50

Preliminary sudden commencements: 12 d 15 h 51 m

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