IUGG: Association of Geomagnetism and Aeronomy

(International Service of Geomagnetic Indices)

July 1999

International quiet and disturbed days

Quietest days	1 – 5 :	4	17	5	19	16
	6 – 10 :	18	9	10	13	11
Most disturbed days	1 – 5 :	30	2	31	22	21*

Geomagnetic Planetary Indices

	Kp three-hourly								daily		
	1	2	3	4	5	6	7	8	Sum	Ap	Cp
1	1o	1-	1+	1+	1+	1o	3-	3-	12o	6	0.3
2	4-	3+	5o	4o	2+	4o	4o	4+	31-	26	1.2
3	3o	2+	4-	2-	1-	2o	0+	1+	15o	9	0.5
4	0o	0o	0+	0+	1-	0+	0+	1-	3-	2	0.0
5	0o	0o	0o	0+	1-	1o	1+	2-	5o	2	0.0
6	3-	1+	2-	1-	1-	3o	3-	2+	15o	8	0.4
7	1+	1+	1-	0+	0+	1o	2o	2-	9-	4	0.1
8	2o	1o	1o	2-	2+	2-	2-	2o	13+	6	0.3
9	2+	1o	1-	1-	1-	0+	1-	1-	7o	4	0.1
10	0+	1-	1-	1-	1+	1o	2o	1o	8-	4	0.1
11	0+	1-	1o	1-	1o	1-	1o	2+	8-	4	0.1
12	3-	3+	3o	2+	2o	1+	2+	2-	19-	10	0.6
13	1+	1+	1-	1-	1-	1+	2-	1-	8+	4	0.1
14	0+	0o	0o	1-	1-	1o	3o	3-	8+	5	0.2
15	3o	2o	2+	2-	2+	2+	2o	2-	17+	8	0.5
16	1o	1-	1-	1o	1+	1+	1-	1o	8-	4	0.1
17	1-	0+	1-	1-	1+	1+	1o	0+	6+	3	0.1
18	1-	1o	1+	1o	1o	1o	1-	1+	8o	4	0.1
19	2-	1o	1-	1o	1o	1-	0+	1-	7o	4	0.1
20	1-	1-	0+	1-	2+	3-	1-	1+	9+	5	0.2
21	1+	1-	2o	2o	2-	5-	5-	2-	19-	14	0.8
22	2+	4-	4+	5-	4+	4o	4-	3o	30o	25	1.2
23	3o	2+	1+	2+	3-	3o	3o	2-	19+	11	0.6
24	3+	3-	1+	3-	2+	2-	3-	3o	20-	11	0.6
25	2+	2o	2o	1+	2-	1o	3o	3-	16o	8	0.4
26	2o	1+	1+	2+	2o	1+	1-	2-	13-	6	0.3
27	2-	2-	2+	1o	2-	1-	1o	0+	10+	5	0.2
28	1-	1-	1o	2-	2-	3o	3+	3+	15+	9	0.5
29	3o	2+	1o	1o	1o	1-	1o	2-	12-	6	0.3
30	3-	2o	3-	3+	5o	5+	8-	6+	35o	53	1.6
31	5-	5-	4o	1+	2o	2+	5+	5-	29o	28	1.2
									Mean	10	0.41

Preliminary sudden commencements: 2 d 0 h 59 m
6 d 15 h 09 m
12 d 2 h 18 m
31 d 18 h 27 m

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