IUGG: Association of Geomagnetism and Aeronomy

(International Service of Geomagnetic Indices)

December 2016

International quiet and disturbed days

Quietest days	1 – 5 :	4	16	3	15	30
	6 – 10 :	1	2	14	13	5
Most disturbed days	1 – 5 :	9	22	26	8	21

Geomagnetic Planetary Indices

	Kp three-hourly								daily		
	1	2	3	4	5	6	7	8	Sum	Ap	Cp
1	1−	2−	1o	0+	0+	0o	0o	0o	4o	2	0.0
2	0+	1o	1−	1−	1−	1+	1+	1−	7−	4	0.1
3	0+	0+	1−	0o	0o	0+	1o	0o	3−	2	0.0
4	0o	1−	0o	0+	0o	0o	0o	0+	1+	1	0.0
5	2+	1−	0o	0o	1−	1o	1o	1+	7o	4	0.1
6	0+	0+	1o	2o	3+	2o	1+	2+	13−	7	0.3
7	0o	2−	3o	2o	2−	3−	3o	3−	17−	9	0.5
8	3+	4o	3−	3−	3−	4o	4+	4o	28−	21	1.1
9	4o	2o	3+	4−	3o	4−	5−	5−	29o	24	1.1
10	4o	3+	2+	3+	3−	3−	3o	3−	24o	15	0.9
11	3+	4+	2o	3o	2+	3−	3o	2−	22+	14	0.8
12	2o	2+	1+	0+	0+	2−	1−	1+	10o	5	0.2
13	1+	1−	0+	1o	1o	1−	0+	2−	7o	4	0.1
14	1+	1−	1−	1+	1−	0+	1+	1−	7o	4	0.1
15	0o	0o	0+	1−	0+	0+	1o	1−	3+	2	0.0
16	1−	0+	0o	0o	0o	0o	0+	1o	2+	1	0.0
17	0o	0o	0+	0+	1o	2−	2+	3+	9o	5	0.2
18	3o	3−	2+	1+	2−	2−	1+	1o	15o	8	0.4
19	1o	2−	1+	1o	1−	1+	2o	1−	10−	5	0.2
20	1o	1o	1o	1+	1o	2o	1−	3−	11−	5	0.2
21	2o	2o	1+	3o	3+	6o	4o	4o	26−	23	1.1
22	5−	4+	3+	3o	3o	3−	4o	3o	28o	22	1.1
23	3o	4o	3−	3+	3o	3+	4o	4−	27o	19	1.0
24	3o	3−	3−	2o	3o	3+	2+	2o	21o	12	0.7
25	3+	3+	2o	4−	4o	4o	4o	3−	27o	20	1.0
26	5−	3+	3+	3o	4−	4−	3−	3+	28−	20	1.0
27	4−	3+	2o	2o	2+	1+	2o	3−	19+	11	0.6
28	2−	2o	0+	1−	1−	2o	1+	1+	10o	5	0.2
29	2o	1o	0+	1o	1+	2o	0+	0+	8+	4	0.1
30	0o	1+	0+	0+	1−	1−	0+	1−	4+	2	0.0
31	1−	2+	2o	3−	3+	3+	3+	3−	20+	12	0.7
									Mean	9	0.45

Preliminary sudden commencements: none

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