IUGG: Association of Geomagnetism and Aeronomy

(International Service of Geomagnetic Indices)

January 2023

International quiet and disturbed days

Quietest days	1 – 5 :	6	24	30	9	29
	6 – 10 :	20	17K	3	7	19K
Most disturbed days	1 – 5 :	15	4*	21*	18*	1*

Geomagnetic Planetary Indices

	Kp three-hourly								daily		
	1	2	3	4	5	6	7	8	Sum	Ap	Cp
1	2+	3o	2o	3-	2-	3-	4-	4o	22o	14	0.8
2	2o	2o	1o	2-	1+	1+	2o	3o	14+	7	0.4
3	1+	0+	1-	0+	1o	2o	2+	3-	11-	6	0.2
4	4o	5-	4+	3+	3+	2o	2-	1-	24o	19	1.0
5	0+	1-	1o	1+	3-	3o	3-	3-	14+	8	0.4
6	1o	0+	0+	1-	1o	0+	1+	1+	6+	3	0.1
7	1o	2+	1o	0+	0+	3-	2+	0+	10+	6	0.2
8	2o	2+	2o	2-	3o	1+	1o	1-	14o	7	0.4
9	2-	0+	0+	1o	1-	2-	2o	1+	9o	4	0.2
10	1-	1-	1-	1-	2o	3o	2-	2o	11+	6	0.3
11	2-	3-	2-	2-	1o	2o	2+	2+	15+	7	0.4
12	3o	2o	2o	2-	2o	2o	2-	3o	17+	9	0.5
13	2+	2-	2o	2+	2+	2-	3+	4o	20-	11	0.7
14	3o	3+	2+	2-	1-	1o	2-	3-	16+	9	0.5
15	5-	4-	4-	4-	4-	4-	4o	5o	32o	28	1.2
16	4o	2-	3o	3o	3+	3+	2-	1-	21-	14	0.8
17	0o	2-	2-	1o	1o	0+	0o	3+	9o	5	0.2
18	4o	4o	3+	3-	3-	2+	2-	1-	21+	14	0.8
19	0o	1o	3-	3-	2+	0+	1-	1+	11o	6	0.3
20	1o	1o	0o	1+	2-	3-	1+	1+	10+	5	0.2
21	2+	4o	4o	2-	2+	3o	3+	3-	23+	15	0.9
22	2o	1+	2+	2o	2o	2+	3+	2-	17o	8	0.5
23	0+	2-	1o	1-	3o	2o	1+	2+	12+	6	0.3
24	1o	0+	1-	1+	1+	1o	1-	0+	7-	4	0.1
25	0o	0o	0+	2o	3o	2+	2-	1+	11-	6	0.2
26	1o	3-	3-	2+	3-	3-	3-	1o	18-	10	0.5
27	1-	0+	2-	2+	3-	3+	2-	2+	15o	8	0.4
28	3o	3-	2o	1o	3-	2+	3-	1+	18-	10	0.5
29	0o	0+	2o	1o	1o	2o	1-	2-	9-	4	0.1
30	1o	0+	1-	1o	1-	1-	1o	3-	8o	4	0.2
31	0o	2o	3-	2o	1o	3+	2+	2-	15o	8	0.4
									Mean	9	0.44

Preliminary sudden commencements: 17 d 21 h 57 m

Editor: GFZ German Research Centre for Geosciences
Adolf Schmidt Observatory for Geomagnetism
http://www.gfz-potsdam.de/en/kp-index/