

SERVICE INTERNATIONAL DES INDICES GEOMAGNETIQUES  
 INTERNATIONAL SERVICE OF GEOMAGNETIC INDICES



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Explanations about published data are given in Special Issue 1994 of ISGI Monthly Bulletin.

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**PRELIMINARY REPORT ON RAPID VARIATIONS**

**OCTOBER 2011**

**SSC - Storm Sudden Commencements**

**SFE - Solar Flare Effects**

05 07 36 B: LER\* ESK\* HAD\* NAG\* GNA CNB  
 C: NGK\* VAL\* BDV\* MMB\* SPT\* KAK\*  
 KNY\* LIV\*

06 1253-1301 NAG

24 18 31 A: SOD LER\* ESK\* NGK\* HAD\* DOU\*  
 BDV\* NAG\* MMB\* SPT\* KAK\* KNY\*  
 GNA\* CNB\* LIV\*  
 B: VAL\* GCK EBR\*

30 10 01 B: SOD GNA  
 C: NGK VAL\* BDV SPT CNB  
 S: LER\* ESK\* HAD\*

31 10 24 B: SOD  
 C: NGK BDV NAG

REPORTING OBSERVATORIES (up to 02-12-2011) :

SOD LER ESK NGK VAL HAD DOU BDV HRB NAG GCK MMB EBR SPT KAK KNY GNA CNB LIV

	FIVE INTERNATIONAL QUIETEST DAYS					FIVE INTERNATIONAL MOST DISTURBED DAYS				
<b>October 2011</b>	28	29	22	14	23	25	1*	24	5*	2*

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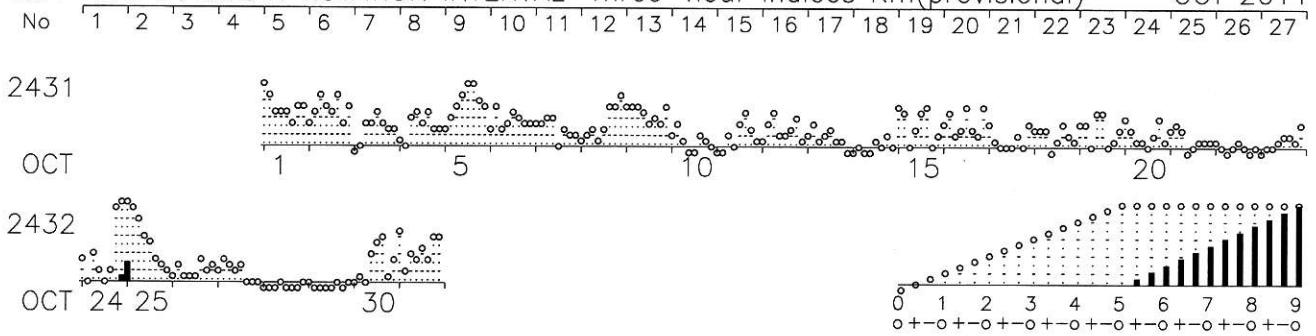
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OCTOBER 2011		Geomagnetic Indices (provisional)											Daily Average and Sum					
aa		quiet days	am and Km for each three hour interval								Daily Average and Sum							
N	S		am	pm	D	1	2	3	4	5	6	7	8	Am	Σ Km	Ap	Σ Kp	
1	32	25	35	23	29		59 40	35 3+	18 2+	19 2+	18 2+	11 2-	22 3-	25 3-	26	21+	16	23+
2	31	25	21	35	28		11 2-	17 2+	34 3+	22 3-	18 2+	39 3+	13 2-	23 3-	22	20o	13	22-
3	9	11	7	13	10	C	1 0o	2 0+	13 2-	12 2-	17 2+	13 2-	9 1+	8 1+	9	10+	4	9o
4	9	15	11	13	12	C	5 1-	2 0+	15 2o	17 2+	13 2-	18 2+	9 1+	8 1+	11	12o	5	11o
5	28	40	25	44	34		10 1+	14 2o	21 3-	34 3+	56 4o	53 4o	27 3o	23 3-	30	23o	16	23+
6	13	21	15	19	17		10 1+	23 3-	8 1+	13 2-	19 2+	16 2o	13 2-	13 2-	14	15-	7	14+
7	8	11	12	7	10	CC	11 2-	13 2-	16 2o	14 2o	3 0+	8 1+	6 1o	6 1o	10	11o	4	9+
8	17	12	7	23	15		5 1-	7 1o	8 1+	5 1-	10 1+	24 3-	25 3-	36 3+	15	14-	8	14-
9	22	21	25	18	22		26 3-	24 3-	21 3-	20 2+	13 2-	14 2o	12 2-	21 3-	19	18+	10	18+
10	5	6	7	4	6	CC	7 1o	12 2-	4 1-	1 0o	1 0o	6 1o	5 1-	2 0+	5	5+	3	5-
11	8	8	5	11	8	CC	0 0o	1 0o	6 1o	3 0+	11 2-	17 2+	8 1+	4 1-	6	7+	3	6+
12	12	13	12	13	13	CC	5 1-	12 2-	18 2+	6 1o	6 1o	10 1+	14 2o	5 1-	10	11-	5	11-
13	7	8	8	8	8	CC	6 1o	11 2-	4 1-	7 1o	9 1+	5 1-	4 1-	1 0o	6	7o	3	6o
14	4	3	2	4	3	CK*	1 0o	2 0+	1 0o	1 0o	4 1-	3 0+	6 1o	3 0+	3	3-	2	3-
15	19	17	18	18	18	K	25 3-	18 2+	2 0+	9 1+	19 2+	26 3-	3 0+	7 1o	14	13o	8	14-
16	17	14	13	18	16		13 2-	18 2+	6 1o	9 1+	24 3-	8 1+	7 1o	21 3-	13	14o	7	14o
17	11	5	9	7	8	CK	13 2-	4 1-	3 0+	3 0+	2 0+	6 1o	2 0+	12 2-	6	6+	4	7+
18	7	9	8	9	8	CC	8 1+	8 1+	8 1+	1 0o	5 1-	12 2-	7 1o	4 1-	7	8o	4	8o
19	11	10	12	9	10	CC	12 2-	13 2-	3 0+	17 2+	17 2+	2 0+	5 1-	8 1+	10	11-	5	11+
20	10	10	10	11	10	CC	14 2o	8 1+	5 1-	4 1-	2 0+	7 1o	16 2o	4 1-	8	9-	4	9o
21	7	8	10	5	7	CC	10 1+	13 2-	9 1+	1 0o	2 0+	4 1-	5 1-	4 1-	6	7-	4	8-
22	4	2	3	4	3	CC*	4 1-	3 0+	1 0o	3 0+	5 1-	2 0+	0 0o	2 0+	3	3-	2	2+
23	5	8	4	8	6	CC*	1 0o	2 0+	3 0+	5 1-	6 1o	6 1o	4 1-	11 2-	5	6-	2	4o
24	39	29	11	57	34		12 2-	3 0+	15 2o	6 1o	2 0+	6 1o	75 5-	109 5+	29	16+	26	18o
25	56	32	71	17	44		148 6o	73 5-	59 4o	32 3o	26 3-	13 2-	9 1+	7 1o	46	24+	38	28-
26	7	8	7	9	8	CK	4 1-	8 1+	5 1-	4 1-	4 1-	11 2-	6 1o	10 1+	7	8o	4	8-
27	7	7	7	7	7	CC	6 1o	12 2-	8 1+	6 1o	9 1+	3 0+	3 0+	3 0+	6	7+	4	8+
28	2	2	2	2	2	CC*	1 0o	1 0o	1 0o	2 0+	1 0o	1 0o	1 0o	3 0+	1	1-	0	0+
29	2	3	2	3	2	CC*	3 0+	1 0o	1 0o	1 0o	1 0o	2 0+	1 0o	3 0+	2	1o	0	0+
30	13	17	8	22	15	K	3 0+	5 1-	2 0+	14 2o	22 3-	33 3o	4 1-	13 2-	12	11+	6	11+
31	25	17	20	22	21		39 3+	7 1o	14 2o	12 2-	17 2+	11 2-	28 3o	27 3o	19	18o	10	17o

ROT DAY IN SOLAR ROTATION INTERVAL Three-hour indices Km(provisional) OCT 2011



ROT DAY IN SOLAR ROTATION INTERVAL Three-hour indices aa (logscale) OCT-NOV 2011

