

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**

**NOVEMBER 2011**

**SSC - Storm Sudden Commencements**

**SFE - Solar Flare Effects**

01 09 07 C: LER\* ESK\* HAD\* DOU BDV\* MMB  
SPT\* KAK KNY

12 05 59 B: LER\* ESK\* HAD\* GNA CNB  
C: NGK\* VAL DOU BDV\*  
Si: SOD

28 21 50 A: DOU NAG\* SPT\* GNA\* CNB\*  
B: LER\* ESK\* HAD\* BDV\* GCK EBR LIV  
C: VAL  
B: HRB

12 0601-0610 NAG  
16 0849-0858 NAG

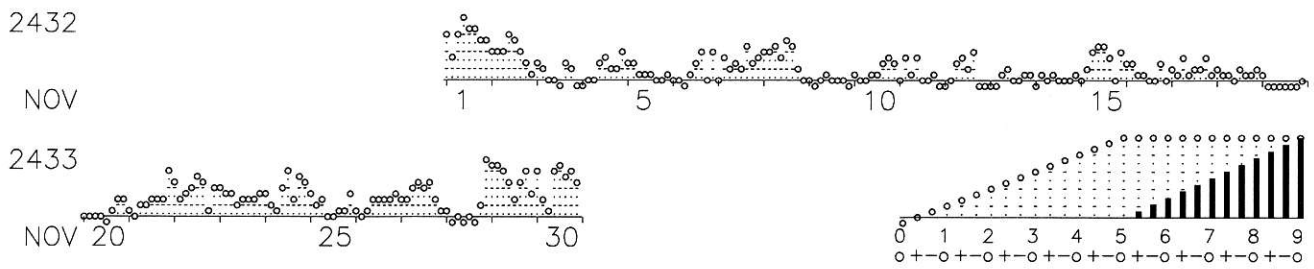
REPORTING OBSERVATORIES (up to 04-01-2012) :

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>November 2011</b>	19	14	9	20	13	1*	29*	30*	2*	24*

NOVEMBER 2011 Geomagnetic Indices (provisional)															Daily Average and Sum			
	aa					quiet days	am and Km for each three hour interval								Am Σ Km Ap Σ Kp			
	N	S	am	pm	D		1	2	3	4	5	6	7	8	Am	Σ Km	Ap	Σ Kp
1	38	37	40	35	37		31 3o	13 2-	30 3o	60 4o	35 3+	39 3+	22 3-	21 3-	31	24-	19	26+
2	19	20	24	15	19		15 2o	14 2o	14 2o	32 3o	22 3-	14 2o	10 1+	5 1-	16	16-	9	16+
3	6	6	7	5	6	CC	10 1+	6 1o	2 0+	2 0+	1 0o	9 1+	7 1o	1 0o	5	5+	3	6o
4	9	6	4	11	7	CC	1 0o	2 0+	3 0+	8 1+	11 2-	6 1o	7 1o	14 2o	7	8-	3	6+
5	7	5	6	5	6	CC	9 1+	8 1+	5 1-	4 1-	4 1-	2 0+	3 0+	4 1-	5	6o	3	6o
6	6	10	4	11	8	CC	2 0+	2 0+	1 0o	5 1-	10 1+	15 2o	3 0+	15 2o	7	7o	3	5+
7	7	12	7	13	10	CC	2 0+	11 2-	6 1o	8 1+	6 1o	20 2+	8 1+	11 2-	9	11-	4	8+
8	14	16	18	12	15	K	15 2o	14 2o	19 2+	13 2-	21 3-	18 2+	7 1o	2 0+	14	14+	7	14+
9	4	4	4	4	4	CC*	3 0+	1 0o	3 0+	4 1-	3 0+	3 0+	2 0+	1 0o	3	2+	1	2o
10	7	5	4	8	6	CC	5 1-	2 0+	2 0+	4 1-	4 1-	9 1+	11 2-	8 1+	6	7o	3	5+
11	7	6	9	4	6	CC	3 0+	11 2-	5 1-	11 2-	3 0+	2 0+	5 1-	1 0o	5	6-	3	6o
12	6	8	7	6	7	CC	1 0o	3 0+	8 1+	13 2-	6 1o	16 2o	1 0o	1 0o	6	6+	3	6o
13	5	5	6	4	5	CC*	0 0o	1 0o	4 1-	7 1o	3 0+	2 0+	4 1-	5 1-	3	4-	2	3o
14	4	4	4	4	4	CC*	1 0o	5 1-	2 0+	4 1-	2 0+	2 0+	2 0+	4 1-	3	3+	1	1+
15	12	14	11	14	13	CC	3 0+	7 1o	16 2o	19 2+	18 2+	11 2-	3 0+	15 2o	12	12o	6	12-
16	9	6	9	6	8	CC	10 1+	8 1+	4 1-	4 1-	2 0+	2 0+	8 1+	3 0+	5	6+	3	6o
17	7	8	8	7	7	CC	7 1o	5 1-	13 2-	4 1-	7 1o	6 1o	11 2-	5 1-	7	8+	4	7+
18	7	6	6	7	6	CC	7 1o	5 1-	4 1-	2 0+	7 1o	5 1-	4 1-	6 1o	5	6o	3	5-
19	4	3	3	4	3	CC*	4 1-	1 0o	1 0o	0 0o	1 0o	1 0o	1 0o	2 0+	1	1o	0	0+
20	4	7	5	7	6	CC*	2 0+	2 0+	2 0+	3 0+	1 0o	5 1-	9 1+	8 1+	4	5-	1	2o
21	15	9	7	17	12	KK	4 1-	3 0+	6 1o	7 1o	9 1+	9 1+	8 1+	29 3o	9	10o	5	9o
22	13	19	12	20	16		17 2+	10 1+	12 2-	15 2o	22 3-	20 2+	5 1-	15 2o	15	15o	7	14-
23	12	12	13	11	12	CK	15 2o	11 2-	13 2-	6 1o	8 1+	9 1+	10 1+	11 2-	10	12o	6	13+
24	17	14	10	21	16		11 2-	7 1o	5 1-	14 2o	30 3o	9 1+	21 3-	20 2+	15	15-	7	14o
25	11	10	13	9	11	CK	13 2-	7 1o	9 1+	3 0+	3 0+	4 1-	4 1-	12 2-	7	8-	4	9-
26	9	9	7	12	9	CC	5 1-	2 0+	5 1-	8 1+	9 1+	8 1+	8 1+	13 2-	7	9-	4	7o
27	12	16	14	14	14	C	8 1+	8 1+	14 2o	18 2+	14 2o	19 2+	8 1+	5 1-	12	13+	6	13-
28	10	11	3	18	10	K	4 1-	1 0o	2 0+	0 0o	2 0+	1 0o	7 1o	50 4-	8	6o	4	5+
29	28	39	47	20	34		40 3+	37 3+	28 3o	17 2+	8 1+	17 2+	33 3o	13 2-	24	20+	12	20-
30	28	28	19	37	28		31 3o	8 1+	4 1-	28 3o	35 3+	24 3-	33 3o	19 2+	23	19+	12	19o

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



ROT DAY IN SOLAR ROTATION INTERVAL Three-hour indices aa (logscale) NOV2011-JAN2012

