

SERVICE INTERNATIONAL DES INDICES GEOMAGNETIQUES  
 INTERNATIONAL SERVICE OF GEOMAGNETIC INDICES



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**C O N T E N T S**

<b>Rapid Variations</b>	- provisional determination of ssc and sfe	November 2009
<b>Classification of days</b>	- five international quietest days and most disturbed days	November 2009
<b>aa</b>	- hemispheric N, S, daily values and planetary half day and daily values	November 2009
	- musical diagram of aa (latest values)	November up to 01 Febr. 2010
<b>Quiet periods</b>	- truly magnetically very quiet (C) and quiet (K) periods of 24 and 48 hours, and 5 international quietest days (*)	November 2009
<b>am, Km</b>	- three hour indices values musical diagram of Km	November 2009
<b>Am, ΣKm</b>	- daily values	November 2009
<b>Ap, ΣKp</b>	- daily values	November 2009
	- monthly tables of hourly indices	November 2009

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

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PRELIMINARY REPORT ON RAPID VARIATIONS		NOVEMBER 2009
SSC - Storm Sudden Commencements		SFE - Solar Flare Effects
08 10 30	B: NUR LER* ESK* HAD* NAG* GNA* CNB* C: NGK* DOU BDV* GCK	28 0711-0736 GUI
24 12 52	B: LER* ESK* HAD C: BDV	

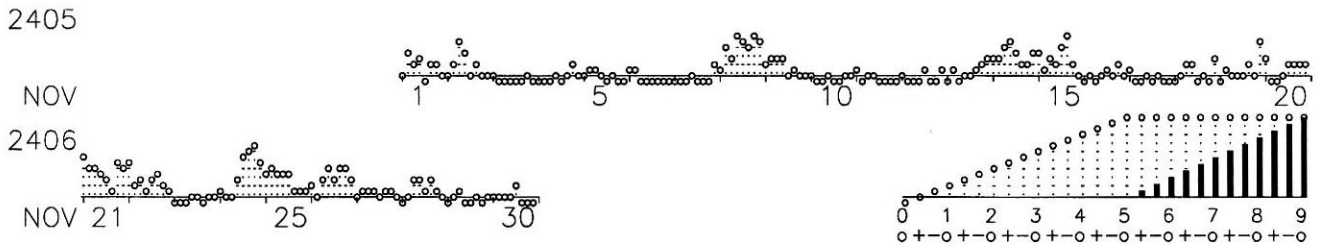
REPORTING OBSERVATORIES (up to 04/01/2010) :

NUR LER ESK NGK HAD DOU BDV NAG GCK MMB EBR SPT KAK KNY GUI HYB GNA CNB

	FIVE INTERNATIONAL QUIETEST DAYS					FIVE INTERNATIONAL MOST DISTURBED DAYS				
<b>November 2009</b>	6	23	29	3	5	24*	21*	8*	25*	15*

NOVEMBER 2009 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							
1	6	10	11	5	8	CC	3 0+	13 2-	6 1o	8 1+	0 0o	7 1o	6 1o	2 0+	6	7-	3	5o			
2	6	12	12	6	9	CC	3 0+	7 1o	17 2+	13 2-	3 0+	6 1o	3 0+	2 0+	7	7+	3	5o			
3	4	4	3	4	4	CC*	3 0+	1 0o	0 0o	0 0o	1 0o	1 0o	3 0+	0 0o	1	1-	0	1-			
4	3	4	2	5	3	CC	1 0o	1 0o	1 0o	2 0+	1 0o	2 0+	7 1o	3 0+	2	2o	0	1-			
5	3	3	3	3	3	CC*	3 0+	5 1-	4 1-	2 0+	1 0o	2 0+	0 0o	1 0o	2	2+	1	1o			
6	2	5	4	2	3	CC*	5 1-	5 1-	1 0o	0 0o	0 0o	1 0o	0 0o	1 0o	2	1+	0	0o			
7	5	2	3	5	4	CC	1 0o	1 0o	0 0o	2 0+	0 0o	1 0o	0 0o	7 1o	2	1+	0	1o			
8	16	21	16	21	19	K	5 1-	14 2o	9 1+	21 3-	17 2+	16 2o	21 3-	20 2+	15	16o	7	14+			
9	7	6	8	5	7	CC	7 1o	9 1+	10 1+	10 1+	2 0+	5 1-	2 0+	3 0+	6	7-	4	8o			
10	4	4	4	3	4	CC	3 0+	1 0o	1 0o	2 0+	1 0o	0 0o	3 0+	3 0+	2	1+	1	2-			
11	3	3	4	2	3	CC	4 1-	0 0o	2 0+	2 0+	1 0o	1 0o	0 0o	1 0o	1	1+	0	1-			
12	5	3	2	5	4	CC	2 0+	0 0o	1 0o	1 0o	4 1-	1 0o	1 0o	5 1-	2	2-	0	1o			
13	5	5	3	7	5	CC	1 0o	5 1-	0 0o	2 0+	3 0+	4 1-	7 1o	8 1+	4	4+	2	3+			
14	11	15	14	12	13	CC	10 1+	9 1+	14 2o	19 2+	11 2-	7 1o	7 1o	13 2-	11	12+	5	12-			
15	13	11	8	17	12	KC	11 2-	5 1-	9 1+	7 1o	15 2o	23 3-	7 1o	2 0+	10	11-	6	11-			
16	5	4	4	5	4	CC	1 0o	3 0+	0 0o	2 0+	5 1-	2 0+	6 1o	2 0+	3	3o	0	1-			
17	4	4	4	4	4	CC	5 1-	0 0o	1 0o	2 0+	1 0o	2 0+	1 0o	0 0o	2	1+	1	2+			
18	5	6	6	5	5	CC	1 0o	2 0+	7 1o	6 1o	1 0o	2 0+	1 0o	8 1+	4	4o	2	3o			
19	7	5	2	10	6	CC	1 0o	4 1-	2 0+	3 0+	2 0+	6 1o	3 0+	19 2+	5	5+	2	4o			
20	4	7	4	7	5	CK	9 1+	1 0o	1 0o	3 0+	7 1o	6 1o	7 1o	7 1o	5	6-	2	5-			
21	20	17	20	16	18	K	24 3-	15 2o	16 2o	13 2-	10 1+	4 1-	18 2+	15 2o	14	15-	8	15+			
22	8	11	10	10	10	CC	17 2+	6 1o	8 1+	4 1-	8 1+	11 2-	6 1o	4 1-	8	10o	5	9+			
23	2	4	3	3	3	CC*	1 0o	1 0o	0 0o	2 0+	3 0+	1 0o	2 0+	2 0+	2	1+	0	0+			
24	21	16	6	31	19		5 1-	2 0+	3 0+	8 1+	26 3-	30 3o	36 3+	20 2+	16	14o	8	13o			
25	11	15	18	8	13	C	13 2-	16 2o	13 2-	12 2-	13 2-	5 1-	4 1-	5 1-	10	11-	6	11o			
26	13	15	12	16	14	C	6 1o	3 0+	10 1+	16 2o	9 1+	16 2o	14 2o	9 1+	10	11+	6	12-			
27	4	6	6	4	5	CC	3 0+	5 1-	4 1-	4 1-	2 0+	4 1-	4 1-	2 0+	4	4+	2	3o			
28	5	9	7	8	7	CC	0 0o	2 0+	9 1+	9 1+	4 1-	9 1+	5 1-	3 0+	5	6o	2	4o			
29	2	5	4	3	3	CC*	1 0o	2 0+	4 1-	0 0o	1 0o	2 0+	0 0o	2 0+	2	2-	0	0+			
30	3	5	4	4	4	CC	2 0+	3 0+	2 0+	2 0+	7 1o	0 0o	0 0o	1 0o	2	2+	1	1o			

ROT DAY IN SOLAR ROTATION INTERVAL Three-hour indices Km(provisional) NOV 2009



ROT DAY IN SOLAR ROTATION INTERVAL Three-hour indices aa (logscale) NOV2009-FEB2010

