

SERVICE INTERNATIONAL DES INDICES GEOMAGNETIQUES
INTERNATIONAL SERVICE OF GEOMAGNETIC INDICES



Bureau des Publications SIIG - Bulletin Mensuel n°01-11 - Janvier 2011
ISGI Publications Office Monthly Bulletin n°01-11- January 2011

C O N T E N T S

Rapid Variations	- provisional determination of ssc and sfe	January 2011
Classification of days	- five international quietest days and most disturbed days	January 2011
aa	- hemispheric N, S, daily values and planetary half day and daily values	January 2011
Quiet periods	- musical diagram of aa (latest values)	Jan.2011 up to 20 March 2011
	- truly magnetically very quiet (C) and quiet (K) periods of 24 and 48 hours, and 5 international quietest days (*)	January 2011
am, Km	- three hour indices values musical diagram of Km	January 2011
Am, ΣKm	- daily values	January 2011
Ap, ΣKp	- daily values	January 2011
	- monthly tables of hourly indices	January 2011
Musical diagram of km	- annual graph	January to December 2010
Musical diagram of aa	- annual graph	January to December 2010

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

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PRELIMINARY REPORT ON RAPID VARIATIONS

JANUARY 2011

SSC - Storm Sudden Commencements

SFE - Solar Flare Effects

06 17 15 B: NUR LER* ESK* HAD*
 C: BDV* GCK GUI GNA CNB

28 0044-0115 MMB KAK KNY

31 16 17 B: LER* ESK* HAD*
 C: NGK BDV

REPORTING OBSERVATORIES (up to 01-03-2011) :

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

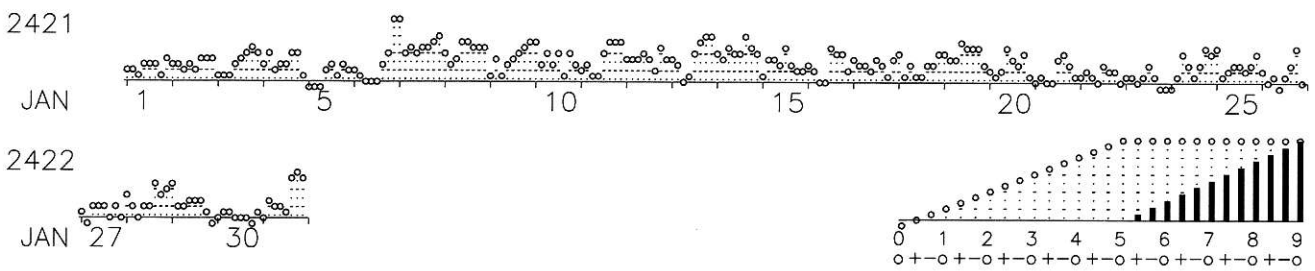
FIVE INTERNATIONAL QUIETEST DAYS

FIVE INTERNATIONAL MOST DISTURBED DAYS

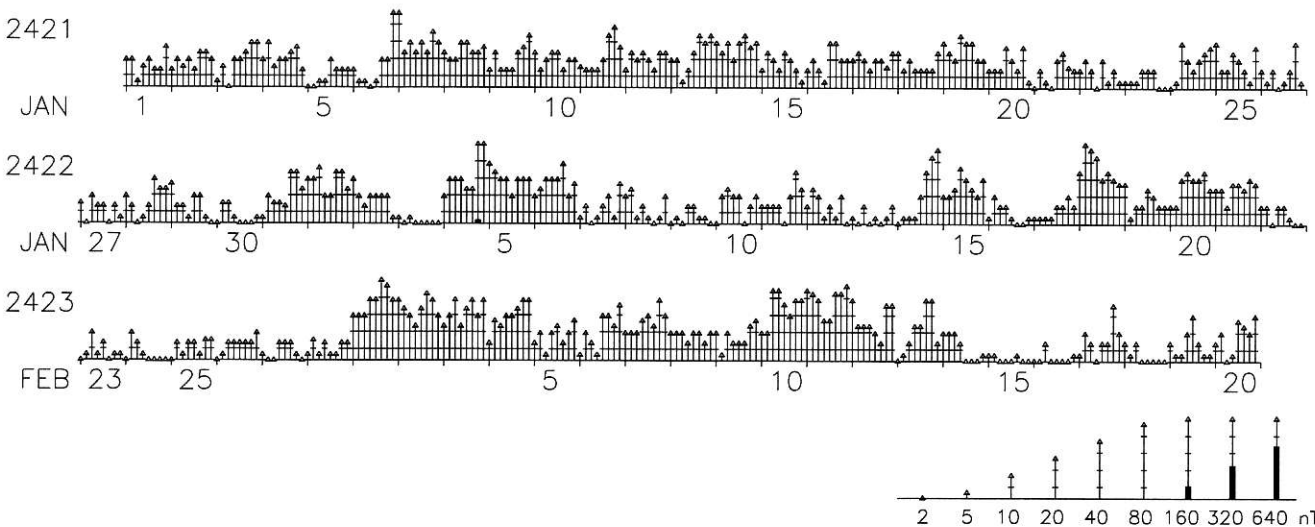
January 2011	30	23	5	27	21	7*	14*	13*	19*	8*
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JANUARY 2011		Geomagnetic Indices (provisional)												Daily Average and Sum				
aa		quiet	am and Km for each three hour interval															
N	S	am	pm	D	days	1	2	3	4	5	6	7	8	Am	Σ Km	Ap	Σ Kp	
1	10	11	10	12	11	CC	6 1o	6 1o	4 1-	8 1+	9 1+	9 1+	5 1-	13 2-	8	9o	4	8-
2	9	14	10	13	12	CC	9 1+	9 1+	7 1o	10 1+	7 1o	11 2-	11 2-	11 2-	9	11o	4	9o
3	13	13	7	19	13	KK	4 1-	5 1-	4 1-	10 1+	13 2-	14 2o	18 2+	14 2o	10	11+	5	10o
4	12	16	14	14	14	K	9 1+	14 2o	6 1o	8 1+	8 1+	15 2o	14 2o	4 1-	10	12-	6	11+
5	5	8	4	9	6	CC*	0 0o	0 0o	1 0o	6 1o	8 1+	4 1-	9 1+	7 1o	4	5+	2	4+
6	18	14	5	27	16		7 1o	5 1-	2 0+	3 0+	2 0+	8 1+	16 2o	60 4o	13	10o	7	10-
7	34	26	34	25	30		56 4o	15 2o	17 2+	16 2o	19 2+	18 2+	26 3-	28 3o	24	21-	16	23-
8	16	19	16	19	18		14 2o	9 1+	12 2-	26 3-	24 3-	18 2+	19 2+	18 2+	18	17+	8	17o
9	16	13	10	19	15		5 1-	13 2-	5 1-	8 1+	12 2-	15 2o	18 2+	21 3-	12	13o	7	14+
10	13	12	13	12	13	CC	21 3-	8 1+	14 2o	10 1+	15 2o	5 1-	14 2o	9 1+	12	13+	6	12+
11	21	14	8	27	18		6 1o	8 1+	5 1-	5 1-	14 2o	23 3-	25 3-	22 3-	14	14-	8	14+
12	12	14	13	13	13	C	11 2-	11 2-	11 2-	16 2o	12 2-	7 1o	18 2+	11 2-	12	14-	6	13+
13	18	17	9	26	18		13 2-	9 1+	3 0+	5 1-	16 2o	21 3-	27 3o	27 3o	15	15-	9	15+
14	25	19	19	25	22		15 2o	13 2-	18 2+	14 2o	16 2o	27 3o	17 2+	16 2o	17	17+	9	18+
15	9	12	11	10	11	C	5 1-	12 2-	11 2-	10 1+	17 2+	9 1+	6 1o	7 1o	10	11o	5	10+
16	11	15	8	18	13	KC	9 1+	6 1o	3 0+	3 0+	17 2+	16 2o	14 2o	6 1o	9	10+	5	10o
17	14	10	12	12	12	CC	12 2-	10 1+	10 1+	7 1o	11 2-	9 1+	5 1-	13 2-	10	11-	6	13o
18	10	11	11	10	11	C	14 2o	5 1-	9 1+	4 1-	5 1-	8 1+	8 1+	15 2o	9	10o	5	9+
19	22	17	21	18	20		16 2o	12 2-	12 2-	25 3-	17 2+	19 2+	18 2+	10 1+	16	16+	8	17o
20	11	11	11	11	11	CK	6 1o	5 1-	6 1o	18 2+	12 2-	9 1+	15 2o	4 1-	9	11-	5	10-
21	8	8	4	11	8	CC*	2 0+	5 1-	2 0+	3 0+	12 2-	14 2o	9 1+	5 1-	7	7+	3	6+
22	7	8	8	8	8	CC	5 1-	7 1o	5 1-	2 0+	10 1+	6 1o	7 1o	2 0+	6	6+	4	7+
23	5	6	6	5	5	CC*	4 1-	4 1-	3 0+	5 1-	8 1+	5 1-	1 0o	0 0o	4	4+	2	4-
24	11	13	11	14	12	CC	1 0o	4 1-	14 2o	9 1+	4 1-	10 1+	18 2+	16 2o	10	10+	4	9+
25	15	10	14	11	13	CC	19 2+	4 1-	6 1o	9 1+	10 1+	6 1o	9 1+	15 2o	10	11o	6	12-
26	9	8	6	11	8	CC	6 1o	3 0+	4 1-	1 0o	4 1-	9 1+	17 2+	3 0+	6	7-	4	7o
27	7	7	8	6	7	CC*	5 1-	0 0o	7 1o	6 1o	7 1o	3 0+	6 1o	3 0+	5	5+	3	5+
28	10	12	7	16	11	CC	11 2-	7 1o	2 0+	7 1o	7 1o	17 2+	11 2-	14 2o	10	11o	5	10o
29	9	9	10	8	9	CC	20 2+	7 1o	6 1o	9 1+	10 1+	10 1+	4 1-	1 0o	8	9o	4	8o
30	2	7	6	3	5	CC*	3 0+	5 1-	5 1-	2 0+	2 0+	2 0+	0 0o	4 1-	3	3+	1	1+
31	13	18	9	22	15	K	2 0+	9 1+	6 1o	7 1o	5 1-	23 3-	30 3o	21 3-	13	13-	5	9-

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

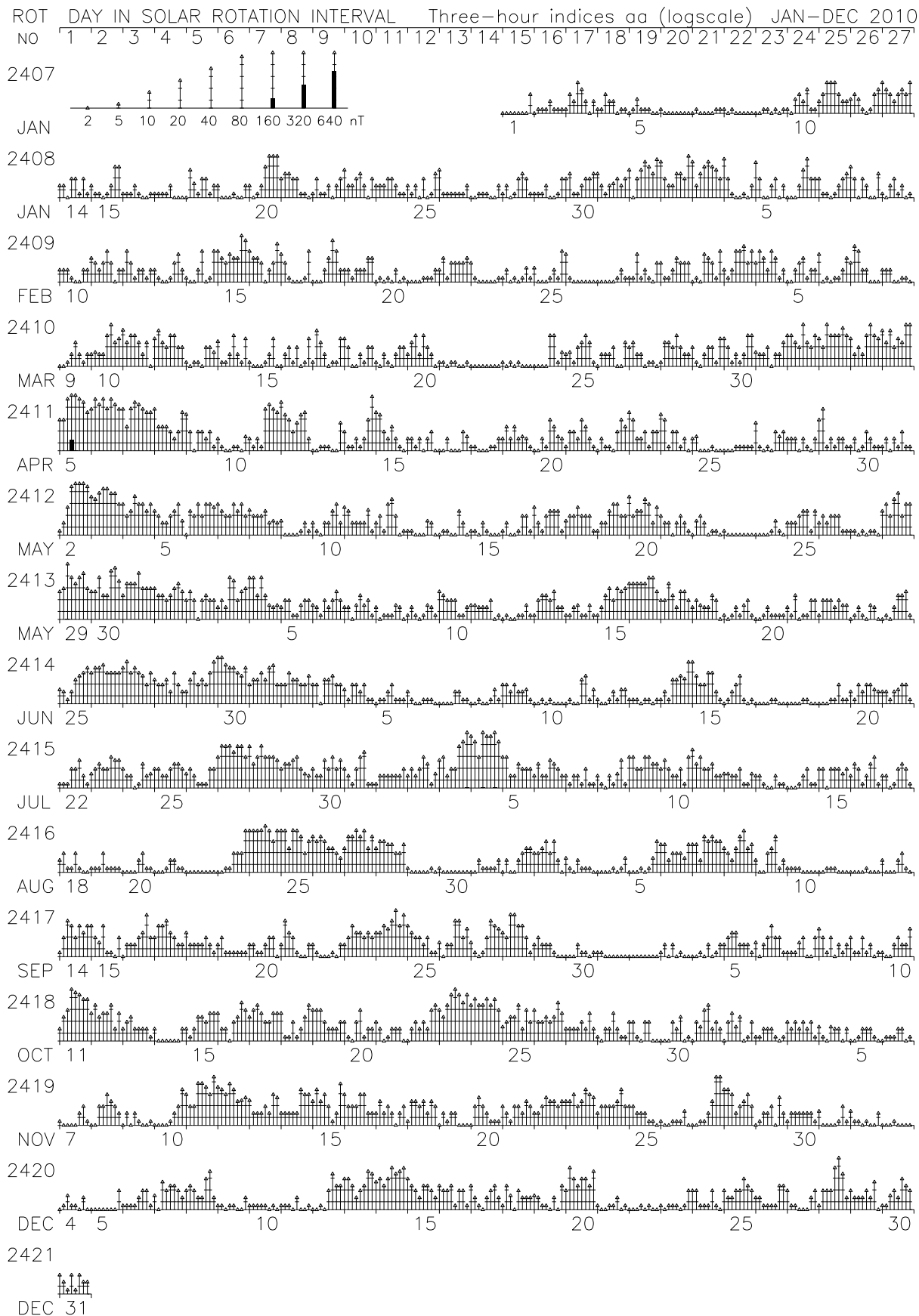


ROT DAY IN SOLAR ROTATION INTERVAL Three-hour indices aa (logscale) JAN-MAR 2011



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PLANETARY GEOMAGNETIC ACTIVITY - MUSICAL DIAGRAM OF aa 2010



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PLANETARY GEOMAGNETIC ACTIVITY - MUSICAL DIAGRAM OF Km 2010

