

SERVICE INTERNATIONAL DES INDICES GEOMAGNETIQUES
INTERNATIONAL SERVICE OF GEOMAGNETIC INDICES



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C O N T E N T S		
Rapid Variations	- provisional determination of ssc and sfe	July 2011
Classification of days	- five international quietest days and most disturbed days	July 2011
aa	- hemispheric N, S, daily values and planetary half day and daily values	July 2011
Quiet periods	- musical diagram of aa (latest values)	July 2011 up to 25 Sept. 2011
	- truly magnetically very quiet (C) and quiet (K) periods of 24 and 48 hours, and 5 international quietest days (*)	July 2011
am, Km	- three hour indices values musical diagram of Km	July 2011
Am, ΣKm	- daily values	July 2011
Ap, ΣKp	- daily values	July 2011
	- monthly tables of hourly indices	July 2011

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

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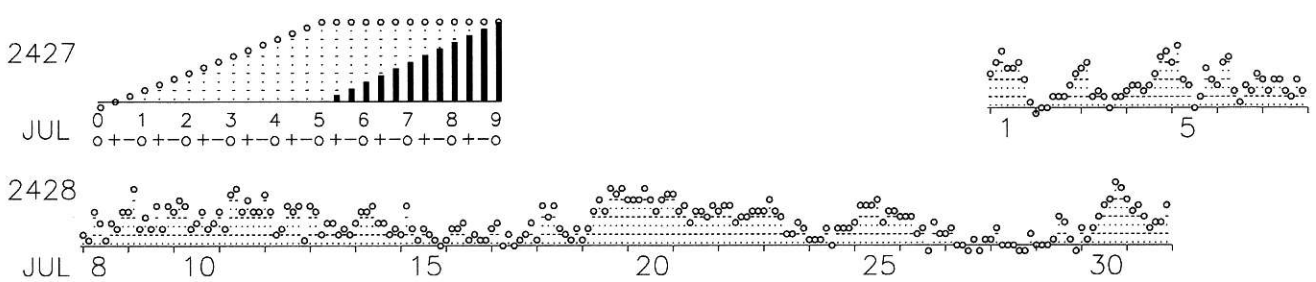
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PRELIMINARY REPORT ON RAPID VARIATIONS		JULY 2011	
SSC - Storm Sudden Commencements		SFE - Solar Flare Effects	
11 08 51	A: NAG* B: LER* ESK* HAD* C: NGK* VAL* BDV* S: DOU	30	0207-0237 MMB KAK KNY GNA CNB
REPORTING OBSERVATORIES (up to 01-08-2011) :			
NUR LER ESK NGK VAL HAD DOU BDV HRB NAG GCK MMB HRT EBR SPT KAK KNY GNA CNB LIV			

	FIVE INTERNATIONAL QUIETEST DAYS					FIVE INTERNATIONAL MOST DISTURBED DAYS				
July 2011	27	28	16	24	17	20*	30*	19*	1*	11*

JULY 2011						Geomagnetic Indices (provisional)								Daily Average and Sum				
	aa				D	quiet days	am and Km for each three hour interval								Daily Average and Sum			
	N	S	am	pm			1	2	3	4	5	6	7	8	Am	Σ Km	Ap	Σ Kp
1	26	24	27	24	25		17 2+	30 3o	48 4-	21 3-	24 3-	30 3o	14 2o	4 1-	24	20o	13	21+
2	11	7	4	14	9	C	1 0o	2 0+	3 0+	6 1o	6 1o	6 1o	13 2-	18 2+	7	8-	4	9-
3	18	7	15	10	12	CC	25 3-	29 3o	7 1o	9 1+	6 1o	3 0+	6 1o	6 1o	11	11+	6	12o
4	26	21	11	36	24		9 1+	12 2-	12 2-	10 1+	12 2-	18 2+	34 3+	45 4-	19	17o	11	17+
5	26	11	21	17	19		28 3o	52 4o	14 2o	13 2-	3 0+	6 1o	24 3-	14 2o	19	17-	11	17+
6	21	14	21	14	18		11 2-	32 3o	34 3+	10 1+	4 1-	11 2-	9 1+	19 2+	16	15+	8	16-
7	19	10	11	18	15	C	16 2o	9 1+	14 2o	14 2o	9 1+	7 1o	15 2o	10 1+	12	13o	6	13o
8	11	10	8	13	11	C	6 1o	5 1-	19 2+	13 2-	5 1-	11 2-	8 1+	20 2+	11	12-	6	12-
9	26	17	22	21	22		20 2+	41 4-	9 1+	16 2o	9 1+	21 3-	9 1+	23 3-	19	17+	10	18o
10	20	12	16	16	16		17 2+	28 3o	22 3-	10 1+	11 2-	17 2+	10 1+	11 2-	16	16+	10	18o
11	26	27	28	25	27		19 2+	9 1+	34 3+	41 4-	18 2+	27 3o	20 2+	18 2+	23	21-	12	21-
12	21	16	14	22	18		35 3+	18 2+	6 1o	9 1+	22 3-	19 2+	25 3-	4 1-	17	16+	8	15o
13	13	10	11	11	11	C	21 3-	17 2+	6 1o	13 2-	11 2-	6 1o	8 1+	7 1o	11	13-	6	13o
14	16	14	18	12	15	K	11 2-	17 2+	19 2+	25 3-	12 2-	11 2-	7 1o	10 1+	14	15-	7	14+
15	12	6	11	8	9	CC	6 1o	24 3-	8 1+	5 1-	9 1+	6 1o	5 1-	3 0+	8	9o	5	9-
16	9	6	7	8	7	CC*	4 1-	8 1+	9 1+	12 2-	4 1-	7 1o	5 1-	4 1-	7	8o	4	7o
17	9	5	7	8	7	CC*	8 1+	12 2-	3 0+	7 1o	3 0+	5 1-	6 1o	11 2-	7	8o	4	8o
18	12	12	14	10	12	CK	5 1-	22 3-	16 2o	23 3-	8 1+	7 1o	5 1-	9 1+	12	12+	6	12+
19	33	23	15	41	28		5 1-	8 1+	19 2+	30 3o	18 2+	44 4-	34 3+	41 4-	25	20+	15	21o
20	38	32	34	37	35		31 3o	33 3o	27 3o	49 4-	32 3o	20 2+	27 3o	40 3+	32	24+	18	26+
21	29	18	26	21	24		38 3+	20 2+	24 3-	12 2-	19 2+	17 2+	16 2o	21 3-	21	19+	12	21-
22	22	19	22	19	21		20 2+	25 3-	26 3-	13 2-	14 2o	14 2o	17 2+	20 2+	19	18o	10	19+
23	16	9	14	11	12	CC	17 2+	27 3o	17 2+	16 2o	7 1o	7 1o	12 2-	9 1+	14	15-	7	14-
24	10	7	6	12	9	CK*	4 1-	4 1-	4 1-	8 1+	3 0+	10 1+	9 1+	9 1+	6	8-	4	7+
25	27	22	25	24	25		12 2-	22 3-	26 3-	21 3-	28 3o	11 2-	18 2+	18 2+	20	19o	10	19+
26	14	9	13	10	12	CK	16 2o	15 2o	15 2o	7 1o	9 1+	1 0o	11 2-	7 1o	10	11o	6	11+
27	7	3	5	5	5	CC*	6 1o	10 1+	3 0+	2 0+	0 0o	4 1-	0 0o	4 1-	4	4+	3	5-
28	8	5	8	5	6	CC*	5 1-	10 1+	3 0+	2 0+	2 0+	1 0o	1 0o	7 1o	4	4o	3	5+
29	11	6	4	14	9	CC	2 0+	3 0+	3 0+	4 1-	14 2o	13 2-	5 1-	1 0o	6	6o	4	7+
30	34	26	11	49	30		8 1+	5 1-	10 1+	16 2o	23 3-	30 3o	54 4o	48 4-	24	19-	16	20+
31	22	18	22	18	20		29 3o	17 2+	22 3-	15 2o	8 1+	13 2-	13 2-	21 3-	17	17+	9	17+

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



ROT DAY IN SOLAR ROTATION INTERVAL Three-hour indices aa (logscale) JUL-SEP 2011

