

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	April 2012
Classification of days	- five international quietest days and most disturbed days	April 2012
aa	- hemispheric N, S, daily values and planetary half day and daily values	April 2012
	- musical diagram of aa (latest values)	April 2012 up to 24 June 2012
Quiet periods	- truly magnetically very quiet (C) and quiet (K) periods of 24 and 48 hours, and 5 international quietest days (*)	April 2012
am, Km	- three hour indices values musical diagram of Km	April 2012
Am, ΣKm	- daily values	April 2012
Ap, ΣKp	- daily values	April 2012
	- monthly tables of hourly indices	April 2012

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

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PRELIMINARY REPORT ON RAPID VARIATIONS

APRIL 2012

SSC - Storm Sudden Commencements		SFE - Solar Flare Effects
21 17 09	B: LER* ESK* HAD* NAG C: SOD NGK BDV*	NONE
23 03 20	A: SOD LER* ESK* HAD* DOU NAG* SPT* B: NUR NGK* VAL* BDV* HRB MMB EBR* KAK* KNY GNA* CNB* LIV* C: GCK	

REPORTING OBSERVATORIES (up to 01-06-2012) :

SOD 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				
April 2012	30	6	9	8	16	24	25	23	13	5*

Directeur de la Publication : M. MENVIELLE - Edité le 6/07/2012 par E. LEMAULF

Collaborateurs : L.F.ALBERCA SILVA - P. CUGNON - T. KAMEI - M. MENVIELLE - M. SIEBERT - M. SUGIURA

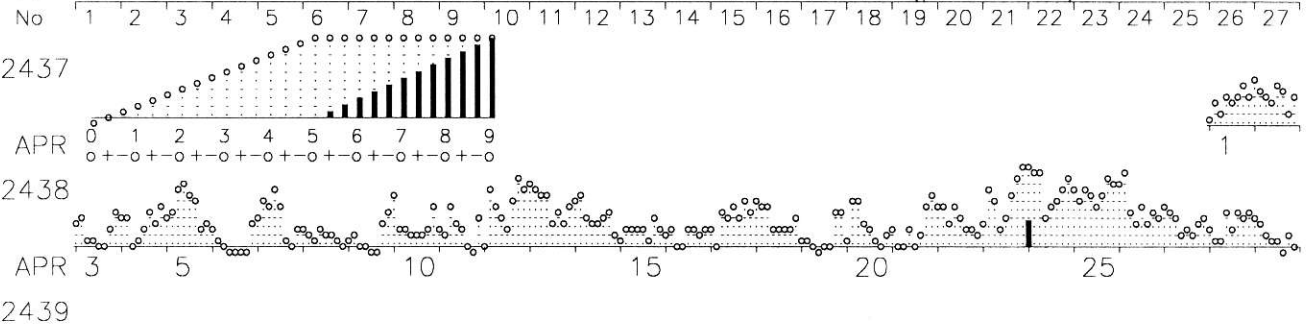
Bureau des Publications SIIG - fondé par A. BERTHELIER

CETP 4, avenue Neptune - 94107 SAINT MAUR DES FOSSES CEDEX - FRANCE

Téléphone : +33 +1 44 27 92 34 -Télécopie : +33 +1 48 89 44 33 Email : Michel.Menvielle@latmos.ipsl.fr

APRIL 2012		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	15	14	11	18	15		5 1-	13 2-	7 1o	14 2o	11 2-	15 2o	22 3-	16 2o	13	14-	6	13-
2	24	17	22	19	21		28 3o	20 2+	16 2o	12 2-	23 3-	17 2+	7 1o	15 2o	17	17o	9	17-
3	12	6	7	11	9	CC	11 2-	14 2o	5 1-	4 1-	2 0+	3 0+	10 1+	19 2+	9	9+	5	10o
4	17	14	10	21	16		14 2o	14 2o	3 0+	4 1-	9 1+	18 2+	11 2-	26 3-	12	13o	7	13o
5	32	37	43	27	35		16 2o	17 2+	46 4-	56 4o	35 3+	27 3o	8 1+	13 2-	27	21+	16	24o
6	7	5	6	7	6	C *	10 1+	5 1-	3 0+	1 0o	0 0o	0 0o	0 0o	13 2-	4	4o	2	5-
7	18	16	24	11	17	K	14 2o	27 3o	21 3-	45 4-	25 3-	5 1-	2 0+	10 1+	19	16+	10	17o
8	8	7	9	6	8	CC *	10 1+	7 1o	5 1-	8 1+	6 1o	6 1o	5 1-	2 0+	6	7+	4	8+
9	10	4	4	11	7	CK *	4 1-	6 1o	2 0+	3 0+	1 0o	1 0o	12 2-	17 2+	6	6+	3	6o
10	18	8	15	12	13	KK	35 3+	9 1+	9 1+	6 1o	6 1o	7 1o	8 1+	24 3-	13	13o	7	13o
11	13	11	13	11	12	C	8 1+	7 1o	21 3-	13 2-	10 1+	2 0+	1 0o	15 2o	10	10+	4	9+
12	31	33	19	45	32		3 0+	44 4-	23 3-	15 2o	10 1+	30 3o	70 4+	50 4-	31	21o	15	21+
13	38	31	49	20	35		60 4o	46 4-	40 3+	35 3+	13 2-	17 2+	12 2-	24 3-	31	23-	20	25+
14	20	17	21	16	19		30 3o	34 3+	15 2o	12 2-	11 2-	14 2o	18 2+	6 1o	18	17o	10	17+
15	8	11	8	11	10	CC	4 1-	9 1+	8 1+	9 1+	9 1+	5 1-	15 2o	9 1+	9	10o	5	10o
16	9	6	4	11	8	CC *	6 1o	8 1+	2 0+	2 0+	10 1+	9 1+	6 1o	10 1+	7	8o	4	9o
17	20	21	15	27	21		9 1+	3 0+	18 2+	16 2o	21 3-	16 2o	32 3o	17 2+	17	16o	9	17-
18	18	17	23	12	18		32 3o	23 3-	23 3-	9 1+	10 1+	9 1+	8 1+	14 2o	16	16-	8	15+
19	12	9	5	16	11	K	5 1-	5 1-	3 0+	1 0o	2 0+	2 0+	18 2+	18 2+	7	7o	5	9-
20	14	18	22	9	16		5 1-	30 3o	33 3o	12 2-	10 1+	4 1-	2 0+	6 1o	13	12-	8	13+
21	21	11	8	25	16		9 1+	2 0+	3 0+	8 1+	2 0+	7 1o	25 3-	34 3+	11	11-	8	12o
22	16	16	21	11	16		24 3-	21 3-	13 2-	24 3-	14 2o	10 1+	8 1+	7 1o	15	15+	8	15o
23	45	30	29	47	38		12 2-	42 4-	32 3o	8 1+	16 2o	38 3+	68 4+	102 5o	40	24+	26	27+
24	60	37	58	40	49		174 6+	72 5-	74 5-	15 2o	21 3-	30 3o	49 4-	67 4+	63	31+	41	34-
25	48	41	44	45	44		43 4-	31 3o	47 4-	34 3+	25 3-	39 3+	69 4+	56 4o	43	28o	27	31+
26	26	28	31	23	27		53 4o	82 5-	20 2+	12 2-	24 3-	11 2-	19 2+	15 2o	30	21+	16	22o
27	16	13	16	13	15		24 3-	20 2+	16 2o	7 1o	10 1+	7 1o	13 2-	16 2o	14	14o	8	15o
28	18	13	9	22	15	K	8 1+	4 1-	5 1-	18 2+	8 1+	17 2+	16 2o	19 2+	12	13o	6	12o
29	9	5	8	7	7	CK	16 2o	13 2-	6 1o	4 1-	5 1-	1 0o	7 1o	2 0+	7	7+	4	8o
30	4	4	5	3	4	CC *	1 0o	4 1-	5 1-	3 0+	0 0o	0 0o	1 0o	3 0+	2	2o	2	3+

ROT DAY IN SOLAR ROTATION INTERVAL Three-hour indices Km(provisional) APR 2012



ROT DAY IN SOLAR ROTATION INTERVAL Three-hour indices aa (logscale) APR-JUN 2012

