

FEDERATION DES SERVICES D'ANALYSE DE DONNEES ASTRONOMIQUES ET GEOPHYSIQUES
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SERVICE INTERNATIONAL DES INDICES GEOMAGNETIQUES
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C O N T E N T S

Rapid Variations	- provisional determination of ssc and sfe	March 2013
Classification of days	- five international quietest days and most disturbed days	March 2013
aa	- hemispheric N, S, daily values and planetary half day and daily values	March 2013
	- musical diagram of aa (latest values)	March up May 26th 2013
Quiet periods	- truly magnetically very quiet (C) and quiet (K) periods of 24 and 48 hours, and 5 international quietest days (*)	March 2013
am, Km	- three hour indices values musical diagram of Km	March 2013
Am, ΣKm	- daily values	March 2013
Ap, ΣKp	- daily values	March 2013
	- monthly tables of hourly indices	March 2013

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

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PRELIMINARY REPORT ON RAPID VARIATIONS

MARCH 2013

SSC - Storm Sudden Commencements

SFE - Solar Flare Effects

15 05 26 A: DOU SPT* GNG CNB
B: LER* ESK* HAD*
C: WNG* NGK* BDV* EBR* GUI LIV*
17 06 00 A: SOD LER* ESK* VAL* HAD* NAG* MMB KAK
KNY GNG CNB
B: NUR WNG* NGK* BDV* HRB EBR* SPT* LIV*
C: GCK*

05 0750-0805 MMB KAK KNY

REPORTING OBSERVATORIES (up to the 17th of June 2013) :

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

	FIVE INTERNATIONAL QUIETEST DAYS					FIVE INTERNATIONAL MOST DISTURBED DAYS				
March 2013	8	7	26	25	13	17	1	29	27	30*

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MARCH 2013						Geomagnetic Indices <i>(provisional)</i>										Daily Average			
	aa					quiet days	am and <i>Km</i> for each three hour interval								and Sum				
	N	S	am	pm	D		1	2	3	4	5	6	7	8	Am	Σ Km	Ap	Σ Kp	
1	1	55	57	54	58		51 4o	39 3+	37 3+	66 4+	57 4o	61 4+	53 4o	46 4-	51	31o	34	35o	
2	2	35	21	25	31		35 3+	25 3-	28 3o	7 1o	14 2o	27 3o	25 3-	34 3+	24	21o	14	22+	
3	3	19	13	17	15		18 2+	22 3-	14 2o	11 2-	10 1+	12 2-	14 2o	15 2o	15	16-	9	17+	
4	4	8	8	9	8		CC	14 2o	5 1-	6 1o	10 1+	10 1+	4 1-	2 0+	5 1-	7	8o	4	9-
5	5	9	5	8	7		CC	20 2+	2 0+	4 1-	2 0+	4 1-	5 1-	6 1o	5 1-	6	7-	4	7-
6	6	7	5	7	5		CC	6 1o	13 2-	1 0o	2 0+	5 1-	2 0+	5 1-	5 1-	5	5+	3	5+
7	7	5	13	12	6		CC *	4 1-	7 1o	10 1+	12 2-	7 1o	4 1-	1 0o	4 1-	6	7o	2	4+
8	8	5	5	4	6		CC *	0o	0o	5 1-	6 1o	5 1-	4 1-	8 1+	8 1+	5	6-	2	4o
9	9	14	10	12	11		CC	13 2-	9 1+	6 1o	14 2o	17 2+	11 2-	14 2o	5 1-	11	13-	6	13-
10	10	10	8	6	12		CC	9 1+	4 1-	3 0+	3 0+	3 0+	11 2-	5 1-	13 2-	6	7o	3	6+
11	11	9	9	14	4	CC	23 3-	15 2o	13 2-	4 1-	5 1-	3 0+	2 0+	4 1-	9	9o	5	9-	
12	12	15	12	10	17	KC	11 2-	7 1o	13 2-	8 1+	18 2+	12 2-	15 2o	9 1+	12	13o	5	11+	
13	13	5	5	7	4	CC *	13 2-	4 1-	7 1o	4 1-	1 0o	1 0o	3 0+	5 1-	5	5o	3	6+	
14	14	8	11	6	13	CK	1 0o	7 1o	1 0o	11 2-	24 3-	10 1+	7 1o	10 1+	9	9o	4	8-	
15	15	12	17	23	7		3 0+	34 3+	26 3-	13 2-	8 1+	1 0o	3 0+	8 1+	12	11o	6	11-	
16	16	20	16	25	11		22 3-	31 3o	20 2+	18 2+	13 2-	9 1+	11 2-	11 2-	17	17-	10	18-	
17	17	90	71	66	97		14 2o	14 2o	123 6-	110 5+	103 5o	110 5+	99 5o	86 5-	82	35o	72	42o	
18	18	14	17	21	10		21 3-	16 2o	18 2+	15 2o	8 1+	5 1-	10 1+	10 1+	13	14-	7	14o	
19	19	10	10	9	12		CC	10 1+	10 1+	8 1+	1 0o	4 1-	6 1o	10 1+	19 2+	9	9+	5	9+
20	20	21	22	12	31		11 2-	19 2+	13 2-	7 1o	17 2+	18 2+	25 3-	44 4-	19	18-	9	17+	
21	21	28	23	45	7		51 4o	58 4o	37 3+	8 1+	7 1o	4 1-	6 1o	7 1o	22	16+	13	17-	
22	22	11	10	8	14		CC	4 1-	6 1o	3 0+	9 1+	10 1+	7 1o	18 2+	16 2o	9	10o	4	9o
23	23	19	31	12	38		9 1+	5 1-	11 2-	14 2o	25 3-	14 2o	30 3o	49 4-	20	17o	10	17o	
24	24	10	16	17	9		C	19 2+	8 1+	14 2o	15 2o	9 1+	9 1+	7 1o	1 0o	10	11+	6	11o
25	25	7	7	5	9	CC *	1 0o	0o	6 1o	8 1+	6 1o	4 1-	11 2-	6 1o	5	7-	3	5o	
26	26	5	5	7	3	CK *	9 1+	5 1-	1 0o	5 1-	2 0+	2 0+	1 0o	2 0+	3	4-	2	4+	
27	27	49	37	23	63		11 2-	20 2+	18 2+	24 3-	33 3o	65 4+	34 3+	54 4o	32	24-	20	26-	
28	28	25	16	19	22		40 3+	7 1o	7 1o	17 2+	7 1o	27 3o	14 2o	20 2+	17	16o	10	17+	
29	29	54	37	47	43		28 3o	33 3o	65 4+	45 4-	33 3o	63 4+	34 3+	29 3o	41	28-	28	31+	
30	30	37	22	38	20		63 4+	45 4-	16 2o	16 2o	10 1+	6 1o	30 3o	20 2+	26	20-	19	23-	
31	31	10	7	5	12		CK	6 1o	3 0+	6 1o	1 0o	3 0+	10 1+	10 1+	13 2-	7	7o	4	8+

ROT DAY IN SOLAR ROTATION INTERVAL Three-hour indices Km(provisional) MAR 2013

2450

MAR

2451

MAR 20

ROT DAY IN SOLAR ROTATION INTERVAL Three-hour indices aa (logscale) MAR-MAY 2013

2450

MAR

2451

MAR 20

2452

APR 16

2453

MAY 13

