

SERVICE INTERNATIONAL DES INDICES GEOMAGNETIQUES  
**INTERNATIONAL SERVICE OF GEOMAGNETIC INDICES**



**Bureau des Publications SIIG - Bulletin Mensuel n°06-12 - Juin 2012**  
**ISGI Publications Office Monthly Bulletin n°06-12- June 2012**

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

<b>Rapid Variations</b>	- provisional determination of ssc and sfe	June 2012
<b>Classification of days</b>	- five international quietest days and most disturbed days	June 2012
<b>aa</b>	- hemispheric N, S, daily values and planetary half day and daily values	June 2012
	- musical diagram of aa (latest values)	June 2012 up to 26 Aug. 2012
<b>Quiet periods</b>	- truly magnetically very quiet (C) and quiet (K) periods of 24 and 48 hours, and 5 international quietest days (*)	June 2012
<b>am, Km</b>	- three hour indices values musical diagram of Km	June 2012
<b>Am, ΣKm</b>	- daily values	June 2012
<b>Ap, ΣKp</b>	- daily values	June 2012
	- monthly tables of hourly indices	June 2012

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

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**PRELIMINARY REPORT ON RAPID VARIATIONS**

**JUNE 2012**

**SSC - Storm Sudden Commencements**

**SFE - Solar Flare Effects**

16 09 56 A: NUR VAL\* DOU NAG\* GNA  
CNB  
B: LER\* ESK\* HAD\* EBR SPT\*  
C: NGK\* BDV\* HRB GCK

16 20 20 A: LER\* ESK\* HAD\* NAG SPT\*  
B: BDV\* HRB EBR\*  
C: NGK

16 21 15 A: GUI  
B: MMB EBR KAK KNY

10 0642-0655 MMB KAK KNY  
29 0410-0420 MMB KAK KNY  
29 0646-0655 MMB KAK KNY  
29 0917-0930 ESK HAD NAG MMB KAK KNY

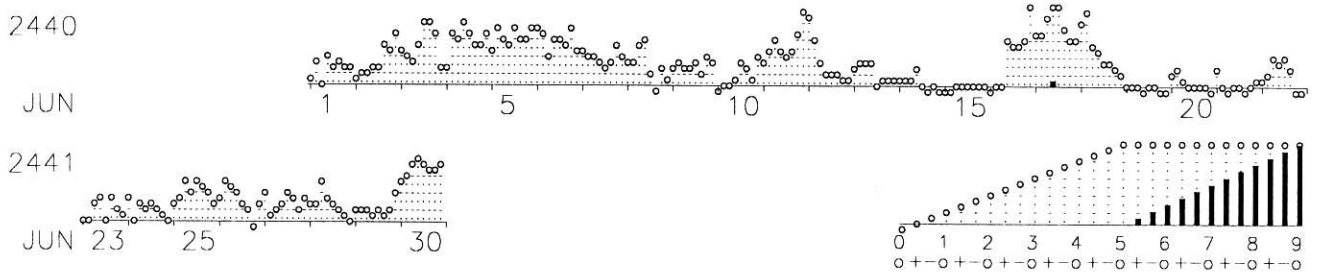
REPORTING OBSERVATORIES (up to 31-08-2012) :

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

	FIVE INTERNATIONAL QUIETEST DAYS					FIVE INTERNATIONAL MOST DISTURBED DAYS				
<b>June 2012</b>	19	15	21	14	20	17	3	30	5*	16

JUNE 2012						Geomagnetic Indices (provisional)								Daily Average and Sum				
	aa				D	quiet days	am and Km for each three hour interval								Am Σ Km Ap Σ Kp			
	N	S	am	pm			1	2	3	4	5	6	7	8	Am	Σ Km	Ap	Σ Kp
1	14	7	9	12	11	CK	5 1-	11 2-	3 0+	16 2o	10 1+	13 2-	8 1+	9 1+	9	10+	5	11o
2	24	13	8	30	19		5 1-	6 1o	6 1o	10 1+	8 1+	24 3-	19 2+	40 3+	15	14-	9	15-
3	39	42	14	67	41		18 2+	15 2o	12 2-	22 3-	52 4o	59 4o	39 3+	8 1+	28	21+	24	25o
4	33	36	27	42	35		10 1+	36 3+	29 3o	53 4o	35 3+	26 3-	24 3-	40 3+	32	24-	16	24-
5	40	41	32	49	40		20 2+	44 4-	29 3o	25 3-	42 4-	29 3o	28 3o	41 4-	32	25o	17	25+
6	32	24	25	32	28		49 4-	40 3+	14 2o	30 3o	30 3o	23 3-	42 4-	17 2+	31	24-	17	25o
7	19	11	14	16	15		20 2+	16 2o	14 2o	11 2-	8 1+	13 2-	21 3-	15 2o	15	16-	7	15-
8	11	16	21	7	14		11 2-	13 2-	26 3-	30 3o	6 1o	1 0o	9 1+	4 1-	13	12o	6	12+
9	19	9	11	18	14	K	9 1+	12 2-	8 1+	10 1+	11 2-	6 1o	16 2o	12 2-	11	12o	7	14+
10	15	6	4	16	10	CK	1 0o	3 0+	3 0+	5 1-	13 2-	10 1+	5 1-	15 2o	7	7o	4	9+
11	31	23	14	39	27		12 2-	18 2+	28 3o	19 2+	16 2o	18 2+	38 3+	73 5-	28	22-	17	22o
12	23	11	25	10	17		62 4+	31 3o	11 2-	7 1o	6 1o	7 1o	5 1-	4 1-	17	14+	12	15o
13	9	8	12	5	9	CC	10 1+	11 2-	12 2-	12 2-	2 0+	4 1-	5 1-	5 1-	8	9-	4	9-
14	6	3	4	4	4	CC*	4 1-	5 1-	5 1-	8 1+	3 0+	1 0o	3 0+	1 0o	4	4o	3	5o
15	4	3	2	5	4	CC*	1 0o	1 0o	2 0+	3 0+	2 0+	2 0+	2 0+	3 0+	2	2o	2	3o
16	41	23	9	54	32		1 0o	3 0+	3 0+	27 3o	23 3-	23 3-	29 3o	89 5o	25	17o	20	19+
17	68	64	74	58	66		37 3+	38 3+	65 4+	115 5+	94 5o	42 4-	31 3o	33 3o	57	31o	43	37-
18	24	26	35	15	25		58 4o	73 5-	25 3-	19 2+	13 2-	13 2-	9 1+	6 1o	27	19+	17	21+
19	3	2	2	3	2	CC*	2 0+	3 0+	3 0+	1 0o	2 0+	2 0+	1 0o	1 0o	2	2-	1	2o
20	7	6	8	4	6	CC*	7 1o	10 1+	4 1-	3 0+	2 0+	3 0+	2 0+	1 0o	4	4+	3	5o
21	6	2	3	5	4	CC*	10 1+	2 0+	0 0o	2 0+	3 0+	1 0o	2 0+	4 1-	3	3+	2	4o
22	10	7	7	9	8	CC	5 1-	6 1o	16 2o	13 2-	15 2o	8 1+	1 0o	0 0o	8	9-	4	8-
23	10	6	6	10	8	CC	2 0+	2 0+	10 1+	12 2-	3 0+	11 2-	6 1o	4 1-	6	7+	4	7-
24	12	5	8	10	9	CC	11 2-	3 0+	9 1+	6 1o	8 1+	6 1o	5 1-	3 0+	6	8-	4	7o
25	22	17	15	24	19		8 1+	12 2-	22 3-	14 2o	25 3-	17 2+	15 2o	9 1+	15	16o	8	16o
26	15	10	17	8	12	C	13 2-	24 3-	19 2+	15 2o	9 1+	7 1o	1 0o	10 1+	12	12+	6	13+
27	16	9	7	18	12	KK	14 2o	4 1-	7 1o	8 1+	15 2o	13 2-	7 1o	11 2-	10	11+	6	12o
28	12	11	13	10	11	CK	9 1+	10 1+	23 3-	11 2-	9 1+	7 1o	4 1-	3 0+	10	10+	6	11o
29	12	5	7	10	8	C	7 1o	7 1o	6 1o	5 1-	7 1o	4 1-	7 1o	16 2o	7	8+	5	9+
30	46	46	40	52	46		21 3-	31 3o	42 4-	52 4o	50 4-	40 3+	36 3+	50 4-	40	27+	25	30o

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



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

