

FEDERATION DES SERVICES D'ANALYSE DE DONNEES ASTRONOMIQUES ET GEOPHYSIQUES  
 FEDERATION OF ASTRONOMICAL AND GEOPHYSICAL DATA ANALYSIS SERVICES  
 SERVICE INTERNATIONAL DES INDICES GEOMAGNETIQUES  
 INTERNATIONAL SERVICE OF GEOMAGNETIC INDICES



**Bureau des Publications SIIG - Bulletin Mensuel n°03-10 - Mars 2010**  
**ISGI Publications Office Monthly Bulletin n°03-10- March 2010**

<b>C O N T E N T S</b>		
<b>Rapid Variations</b>	- provisional determination of ssc and sfe	March 2010
<b>Classification of days</b>	- five international quietest days and most disturbed days	March 2010
<b>aa</b>	- hemispheric N, S, daily values and planetary half day and daily values	March 2010
<b>Quiet periods</b>	- musical diagram of aa (latest values)	Feb. 2010 up to 23 May 2010
	- truly magnetically very quiet (C) and quiet (K) periods of 24 and 48 hours, and 5 international quietest days (*)	March 2010
<b>am, Km</b>	- three hour indices values musical diagram of Km	March 2010
<b>Am, ΣKm</b>	- daily values	March 2010
<b>Ap, ΣKp</b>	- daily values	March 2010
	- monthly tables of hourly indices	March 2010
Explanations about published data are given in Special Issue 1994 of ISGI Monthly Bulletin.		

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<b>PRELIMINARY REPORT ON RAPID VARIATIONS</b>	<b>MARCH 2010</b>
<b>SSC - Storm Sudden Commencements</b>	<b>SFE - Solar Flare Effects</b>
NONE	01 0947-1007 NAG 25 1007-1021 NAG
REPORTING OBSERVATORIES (up to 05/05/2010) :	
NUR NGK VAL BDV HRB NAG GCK MMB EBR SPT KAK KNY GUI HYB GNA CNB LIV	

	<b>FIVE INTERNATIONAL QUIETEST DAYS</b>	<b>FIVE INTERNATIONAL MOST DISTURBED DAYS</b>
<b>March 2010</b>	22    23    21    9    8	11*   12*   10*   3*   17*

MARCH 2010		Geomagnetic Indices (provisional)												Daily Average and Sum				
	aa				quiet days	am and Km for each three hour interval								and Sum				
	N	S	am	pm		D	1	2	3	4	5	6	7	8	Am	ΣKm	Ap	ΣKp
1	10	10	8	13	10	CC	11 2-	7 1o	7 1o	9 1+	14 2o	10 1+	11 2-	9 1+	10	11+	5	10+
2	9	13	7	14	11	CC	2 0+	3 0+	1 0o	13 2-	17 2+	8 1+	4 1-	15 2o	8	9-	4	8o
3	17	18	11	23	17		7 1o	8 1+	5 1-	18 2+	17 2+	22 3-	19 2+	20 2+	15	15o	8	16-
4	13	15	15	13	14		8 1+	22 3-	13 2-	7 1o	20 2+	13 2-	4 1-	8 1+	12	13-	7	13+
5	7	8	6	9	8	CC	2 0+	2 0+	8 1+	12 2-	12 2-	6 1o	6 1o	4 1-	7	8o	3	6+
6	9	7	7	9	8	CK	17 2+	3 0+	2 0+	0 0o	3 0+	6 1o	6 1o	13 2-	6	7o	4	7-
7	11	12	19	4	11	KK	11 2-	20 2+	21 3-	5 1-	3 0+	0 0o	2 0+	1 0o	8	8o	5	9-
8	5	5	7	4	5	CC*	4 1-	8 1+	8 1+	2 0+	1 0o	2 0+	7 1o	2 0+	4	5+	3	5o
9	7	7	4	9	7	CC*	1 0o	1 0o	3 0+	5 1-	12 2-	9 1+	2 0+	5 1-	5	5o	2	4+
10	18	16	8	26	17		11 2-	8 1+	10 1+	8 1+	19 2+	31 3o	15 2o	20 2+	15	15+	9	16-
11	20	14	24	11	17		31 3o	22 3-	21 3-	26 3-	12 2-	7 1o	13 2-	4 1-	17	16o	10	16+
12	19	19	20	18	19	K	21 3-	26 3-	14 2o	14 2o	21 3-	15 2o	11 2-	9 1+	16	17o	9	17o
13	7	6	4	9	7	CC	7 1o	1 0o	2 0+	3 0+	1 0o	7 1o	13 2-	5 1-	5	5o	3	6-
14	14	9	9	14	12	CC	17 2+	4 1-	8 1+	7 1o	20 2+	6 1o	5 1-	20 2+	11	12-	6	11+
15	7	5	3	9	6	CC	4 1-	0 0o	1 0o	0 0o	2 0+	7 1o	18 2+	2 0+	4	5-	2	4+
16	9	7	7	10	8	CK	3 0+	6 1o	13 2-	4 1-	9 1+	1 0o	7 1o	15 2o	7	8o	4	7o
17	13	10	15	8	12	KK	5 1-	28 3o	18 2+	7 1o	2 0+	4 1-	5 1-	22 3-	11	11+	7	12-
18	12	7	9	9	9	CC	18 2+	13 2-	1 0o	0 0o	4 1-	5 1-	10 1+	11 2-	8	8+	6	10+
19	7	7	5	9	7	CC	3 0+	1 0o	7 1o	3 0+	2 0+	6 1o	11 2-	9 1+	5	6o	3	6+
20	10	15	14	12	13	KC	9 1+	16 2o	24 3-	7 1o	15 2o	11 2-	11 2-	1 0o	12	12+	6	13o
21	4	4	4	4	4	CC*	2 0+	2 0+	2 0+	1 0o	1 0o	0 0o	0 0o	1 0o	1	1o	1	2o
22	2	2	2	2	2	CC*	0 0o	0 0o	1 0o	0 0o	1 0o	1 0o	0 0o	0 0o	0	0o	0	0+
23	2	5	4	3	3	CC*	3 0+	1 0o	2 0+	1 0o	3 0+	1 0o	2 0+	0 0o	2	1+	1	2-
24	8	10	2	16	9	KC	0 0o	1 0o	1 0o	2 0+	15 2o	15 2o	3 0+	8 1+	6	6o	3	7-
25	14	10	9	15	12	CK	6 1o	8 1+	3 0+	10 1+	12 2-	21 3-	20 2+	6 1o	11	12-	6	12-
26	7	8	7	8	7	CC	3 0+	9 1+	8 1+	7 1o	9 1+	1 0o	0 0o	17 2+	7	8-	3	7o
27	8	6	11	4	7	CC	11 2-	13 2-	4 1-	4 1-	1 0o	4 1-	1 0o	1 0o	5	5+	3	6+
28	11	14	12	13	13	CC	2 0+	20 2+	19 2+	12 2-	11 2-	12 2-	4 1-	6 1o	11	12-	6	11+
29	11	8	7	12	10	CC	9 1+	3 0+	3 0+	5 1-	7 1o	9 1+	3 0+	23 3-	8	8o	4	9-
30	16	10	11	15	13	KK	19 2+	9 1+	5 1-	5 1-	5 1-	7 1o	18 2+	23 3-	11	12-	7	13-
31	9	9	9	9	9	CK	12 2-	9 1+	7 1o	12 2-	1 0o	8 1+	6 1o	15 2o	9	10o	5	10o

ROT DAY IN SOLAR ROTATION INTERVAL Three-hour indices Km(provisional) MAR 2010



ROT DAY IN SOLAR ROTATION INTERVAL Three-hour indices aa (logscale) MAR-MAY 2010

