

FEDERATION DES SERVICES D'ANALYSE DE DONNEES ASTRONOMIQUES ET GEOPHYSIQUES
 FEDERATION OF ASTRONOMICAL AND GEOPHYSICAL DATA ANALYSIS SERVICES
 SERVICE INTERNATIONAL DES INDICES GEOMAGNETIQUES
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Explanations about published data are given in Special Issue 1994 of ISGI Monthly Bulletin.

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PRELIMINARY REPORT ON RAPID VARIATIONS		MARCH 2011	
SSC - Storm Sudden Commencements		SFE - Solar Flare Effects	
01 15 09	B: LER* ESK* VAL* HAD*	09	2319-0000 MMB KAK KNY
10 06 32	C: LER ESK HAD MMB* KAK KNY	22	1418-1432 GUI
29 16 02	A: SPT* GNA CNB B: NUR NGK* BDV* EBR LIV C: VAL* GUI S: LER* ESK* HAD*	31	1056-1150 GUI

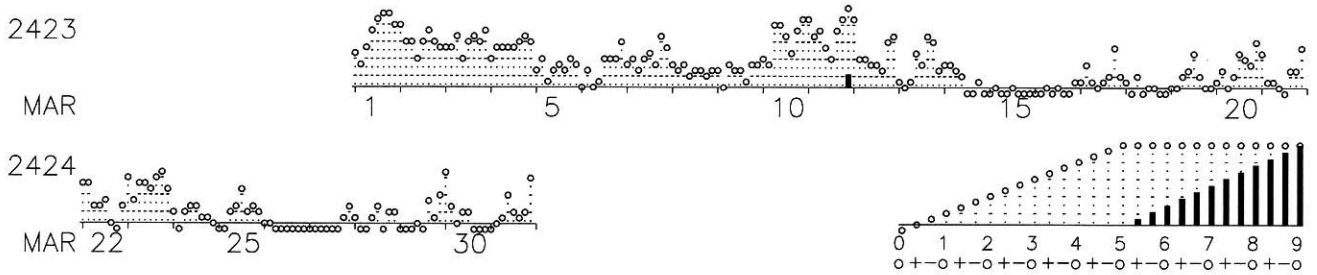
REPORTING OBSERVATORIES (up to 04-05-2011) :

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				
March 2011	15	26	16	27	18	11	1	10*	2*	3*

MARCH 2011						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	48	49	30	68	49		20 2+	13 2-	23 3-	45 4-	66 4+	86 5-	73 5-	53 4o	47	28o	27	30-
2	38	32	29	40	35		52 4o	32 3o	29 3o	16 2o	33 3o	42 4-	27 3o	25 3-	32	24+	18	26o
3	34	28	26	37	31		23 3-	21 3-	38 3+	16 2o	30 3o	36 3+	32 3o	42 4-	30	24-	16	25o
4	26	27	17	37	27		14 2o	22 3-	22 3-	25 3-	24 3-	29 3o	39 3+	33 3o	26	22o	13	22-
5	14	9	9	14	12	C	8 1+	14 2o	4 1-	8 1+	11 2-	9 1+	14 2o	13 2-	10	12o	6	12+
6	16	17	8	25	16		2 0+	8 1+	3 0+	4 1-	16 2o	14 2o	16 2o	28 3o	11	12-	6	11+
7	20	21	14	27	21		12 2-	14 2o	9 1+	15 2o	19 2+	11 2-	36 3+	26 3-	18	17o	10	17+
8	10	12	11	11	11	C	12 2-	10 1+	13 2-	6 1o	9 1+	8 1+	7 1o	9 1+	9	11-	5	10+
9	10	12	9	13	11	C	10 1+	3 0+	12 2-	9 1+	10 1+	5 1-	11 2-	12 2-	9	10o	4	9+
10	30	47	40	38	39		15 2o	11 2-	57 4o	52 4o	36 3+	19 2+	49 4-	62 4+	38	25+	19	26-
11	62	41	48	55	51		61 4+	36 3+	42 4-	23 3-	15 2o	49 4-	68 4+	132 6-	53	30-	37	33+
12	30	17	23	24	23		68 4+	16 2o	16 2o	13 2-	12 2-	9 1+	31 3o	37 3+	25	19+	15	21+
13	21	15	8	29	18		5 1-	2 0+	5 1-	17 2+	13 2-	39 3+	30 3o	8 1+	15	13+	8	13o
14	6	8	11	3	7	CK	11 2-	12 2-	9 1+	7 1o	1 0o	0 0o	4 1-	1 0o	6	6+	3	5+
15	3	4	4	3	3	CC*	1 0o	2 0+	1 0o	0 0o	2 0+	1 0o	0 0o	1 0o	1	1-	1	1+
16	4	3	4	3	3	CC*	1 0o	0 0o	3 0+	1 0o	3 0+	0 0o	1 0o	5 1-	2	1+	1	2o
17	13	10	7	16	12	KK	5 1-	11 2-	5 1-	2 0+	4 1-	6 1o	23 3-	6 1o	8	9-	6	9o
18	4	4	6	2	4	CK*	5 1-	1 0o	6 1o	1 0o	2 0+	3 0+	1 0o	1 0o	3	2+	2	4+
19	7	11	8	11	9	CC	3 0+	2 0+	6 1o	10 1+	19 2+	7 1o	3 0+	3 0+	7	7o	4	8-
20	10	14	7	18	12	CK	5 1-	9 1+	3 0+	7 1o	19 2+	15 2o	11 2-	30 3o	12	12+	6	11-
21	12	9	10	12	11	C	17 2+	5 1-	5 1-	3 0+	1 0o	10 1+	10 1+	25 3-	10	9+	5	9o
22	15	11	17	10	13	K	23 3-	23 3-	8 1+	10 1+	13 2-	2 0+	1 0o	9 1+	11	11+	8	13o
23	26	22	19	29	24		27 3o	13 2-	25 3-	21 3-	18 2+	31 3o	34 3+	19 2+	24	21o	12	21+
24	7	6	5	7	6	CK	6 1o	1 0o	6 1o	8 1+	10 1+	4 1-	5 1-	3 0+	5	6+	4	8o
25	7	9	5	11	8	CC	1 0o	1 0o	6 1o	9 1+	17 2+	7 1o	8 1+	7 1o	7	8o	3	7-
26	2	2	2	2	2	CC*	3 0+	2 0+	1 0o	1 0o	1 0o	0 0o	0 0o	0 0o	1	1-	1	1+
27	5	5	2	8	5	CC*	1 0o	1 0o	1 0o	1 0o	1 0o	1 0o	5 1-	9 1+	3	2o	2	3-
28	5	6	4	7	5	CC	4 1-	1 0o	1 0o	5 1-	10 1+	1 0o	6 1o	6 1o	4	5-	2	5-
29	7	6	2	11	6	CC	1 0o	1 0o	0 0o	3 0+	1 0o	13 2-	4 1-	16 2o	5	5-	3	5+
30	8	11	14	4	9	KC	37 3+	10 1+	3 0+	6 1o	6 1o	1 0o	0 0o	1 0o	8	7o	4	7o
31	7	6	7	5	6	CC	0 0o	2 0+	5 1-	15 2o	6 1o	5 1-	6 1o	31 3o	9	9-	3	6-

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



ROT DAY IN SOLAR ROTATION INTERVAL Three-hour indices aa (logscale) MAR-MAY 2011

