

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°08-11 - Aout2011**  
**ISGI Publications Office Monthly Bulletin n°08-11- August 2011**

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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**

**AUGUST 2011**

**SSC - Storm Sudden Commencements**

**SFE - Solar Flare Effects**

04 21 54    A: LER ESK HAD\* GNA  
               B: HRB EBR\* SPT\* CNB LIV\*  
               C: NUR NGK DOU BDV

05 17 51    B: VAL\* DOU  
               C: NGK BDV MMB\* SPT KAK\* KNY\*

03    0430-0454 MMB KAK KNY GNA CNB  
 03    1322-1416 EBR  
 04    0344-0431 MMB KAK KNY  
 04    0349-0430 GNA CNB  
 09    0801-0840 BDV MMB EBR KAK KNY

REPORTING OBSERVATORIES (up to 30-09-2011) :

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**

<b>August 2011</b>	31	18	19	3	21	6	5	15*	14*	23*
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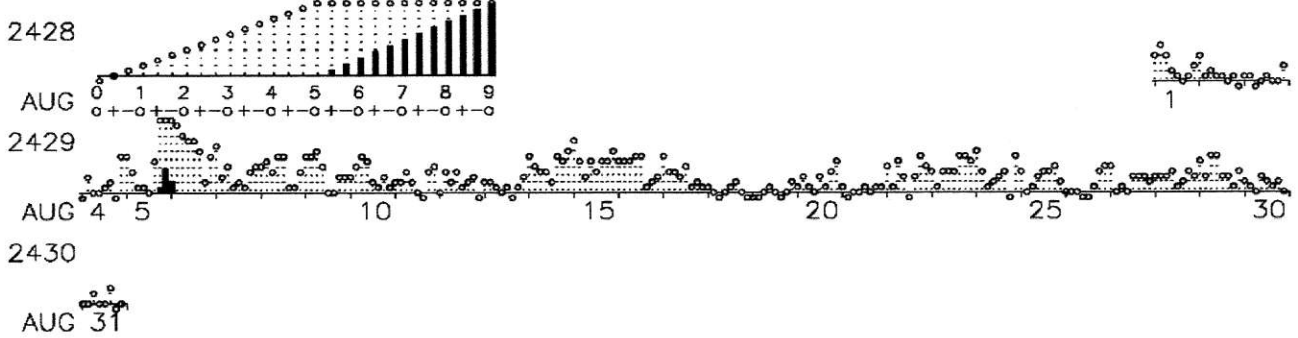
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AUGUST 2011		Geomagnetic Indices (provisional)											Daily Average and Sum					
	aa				quiet days	am and Km for each three hour interval								Am $\Sigma$ Km		Ap $\Sigma$ Kp		
	N	S	am	pm		D	1	2	3	4	5	6	7	8				
1	14	10	17	7	12	CC	15 2o	25 3-	16 2o	7 1o	5 1-	2 0+	4 1-	10 1+	11	11-	6	12-
2	8	5	9	4	7	CC	16 2o	5 1-	6 1o	5 1-	4 1-	2 0+	4 1-	1 0o	5	6o	3	6-
3	8	3	3	8	5	CC*	5 1-	4 1-	1 0o	2 0+	4 1-	3 0+	3 0+	8 1+	4	4+	3	5o
4	10	7	5	12	8	CC	1 0o	8 1+	3 0+	2 0+	5 1-	6 1o	1 0o	26 3-	7	6+	4	6+
5	58	35	11	82	46		22 3-	12 2-	4 1-	4 1-	2 0+	20 2+	111 5+	177 6+	44	20o	42	23+
6	47	46	60	34	47		134 6-	73 5-	51 4o	46 4-	42 4-	28 3o	7 1o	22 3-	50	28+	31	30+
7	16	9	14	11	13	K	36 3+	9 1+	14 2o	5 1-	6 1o	5 1-	13 2-	16 2o	13	13-	7	13o
8	13	18	14	17	15		14 2o	20 2+	11 2-	21 3-	25 3-	5 1-	5 1-	12 2-	14	14+	7	14+
9	16	15	23	8	16		25 3-	26 3-	31 3o	16 2o	3 0+	3 0+	10 1+	10 1+	16	14-	8	14+
10	10	12	13	9	11	CC	8 1+	14 2o	25 3-	18 2+	7 1o	4 1-	9 1+	5 1-	11	12o	6	12-
11	7	6	7	7	7	CC	6 1o	7 1o	11 2-	7 1o	3 0+	1 0o	12 2-	14 2o	8	9-	4	8o
12	10	8	9	9	9	CC	3 0+	13 2-	7 1o	12 2-	4 1-	7 1o	9 1+	1 0o	7	8-	4	8-
13	7	5	4	7	6	CC	7 1o	7 1o	4 1-	3 0+	5 1-	1 0o	4 1-	10 1+	5	6-	4	7-
14	22	15	14	23	19		24 3-	15 2o	13 2-	11 2-	7 1o	24 3-	17 2+	29 3o	18	17o	9	17o
15	24	21	20	25	23		44 4-	18 2+	10 1+	18 2+	11 2-	18 2+	18 2+	29 3o	21	19o	11	19-
16	15	18	18	15	17		18 2+	17 2+	20 2+	21 3-	23 3-	5 1-	7 1o	9 1+	15	15+	7	15-
17	12	12	14	10	12	KK	22 3-	11 2-	13 2-	10 1+	16 2o	5 1-	6 1o	4 1-	11	12-	6	12-
18	5	5	3	7	5	CC*	4 1-	2 0+	1 0o	2 0+	5 1-	6 1o	3 0+	1 0o	3	3+	2	4-
19	4	3	3	4	4	CC*	1 0o	1 0o	2 0+	4 1-	3 0+	1 0o	2 0+	6 1o	3	3-	2	4-
20	11	8	7	12	10	CC	5 1-	10 1+	4 1-	3 0+	8 1+	4 1-	13 2-	18 2+	8	9o	5	10o
21	7	3	3	7	5	CC*	4 1-	1 0o	2 0+	3 0+	5 1-	2 0+	5 1-	5 1-	3	4-	3	6-
22	13	17	14	16	15	K	16 2o	5 1-	19 2+	9 1+	1 0o	10 1+	22 3-	15 2o	12	12+	6	12+
23	20	17	11	26	19		13 2-	4 1-	11 2-	13 2-	12 2-	22 3-	25 3-	17 2+	15	15o	9	16-
24	13	11	12	13	12	K	32 3o	12 2-	4 1-	6 1o	8 1+	11 2-	0 0o	21 3-	12	12o	7	13-
25	9	12	8	14	11	CC	12 2-	2 0+	4 1-	8 1+	13 2-	13 2-	15 2o	6 1o	9	10+	4	9o
26	7	7	4	11	7	CC	2 0+	3 0+	3 0+	1 0o	1 0o	5 1-	12 2-	14 2o	5	5+	4	7-
27	11	10	9	12	11	CC	15 2o	3 0+	5 1-	3 0+	10 1+	9 1+	8 1+	6 1o	7	8+	5	10-
28	12	10	10	12	11	CC	8 1+	8 1+	9 1+	13 2-	4 1-	6 1o	12 2-	10 1+	9	10+	5	11+
29	15	11	17	9	13	CC	20 2+	8 1+	25 3-	23 3-	8 1+	8 1+	5 1-	11 2-	14	14o	8	16-
30	6	6	6	5	6	CC	6 1o	5 1-	3 0+	9 1+	7 1o	4 1-	7 1o	2 0+	5	6+	4	7-
31	3	4	4	3	3	CC*	3 0+	2 0+	7 1o	3 0+	2 0+	10 1+	1 0o	2 0+	4	4o	1	2o

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

No 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27



ROT DAY IN SOLAR ROTATION INTERVAL Three-hour indices aa (logscale) AUG-OCT 2011

No 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27

