

SERVICE INTERNATIONAL DES INDICES GEOMAGNETIQUES
INTERNATIONAL SERVICE OF GEOMAGNETIC INDICES



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C O N T E N T S		
Rapid Variations	- provisional determination of ssc and sfe	August 2012
Classification of days	- five international quietest days and most disturbed days	August 2012
aa	- hemispheric N, S, daily values and planetary half day and daily values	August 2012
	- musical diagram of aa (latest values)	Aug. 2012 up to 21 Oct. 2012
Quiet periods	- truly magnetically very quiet (C) and quiet (K) periods of 24 and 48 hours, and 5 international quietest days (*)	August 2012
am, Km	- three hour indices values musical diagram of Km	August 2012
Am, ΣKm	- daily values	August 2012
Ap, ΣKp	- daily values	August 2012
	- monthly tables of hourly indices	August 2012

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

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PRELIMINARY REPORT ON RAPID VARIATIONS		AUGUST 2012			
SSC - Storm Sudden Commencements		SFE - Solar Flare Effects			
02 10 50	A: NAG B: SOD* NUR LER* ESK* HAD* C: NGK* DOU BDV* GCK MMB* KAK* KNY* GNA CNB	16	1315-1323	LER ESK	HAD GUI
		17	1317-1333	LER ESK	HAD
		18	0057-0110	MMB KAK	KNY
		18	0319-0340	MMB	KNY
16 13 15	A: NAG* B: SOD C: NGK* VAL* DOU BDV* GCK* EBR SPT*				

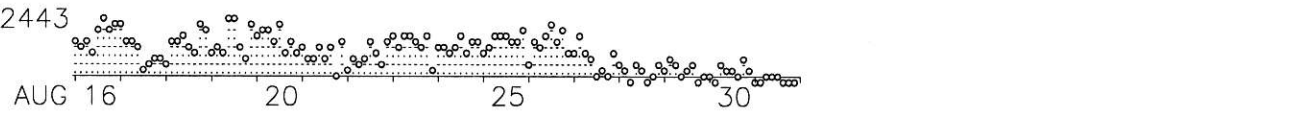
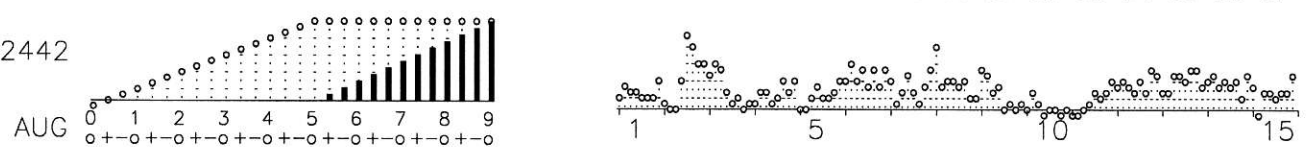
REPORTING OBSERVATORIES (up to 25-10-2012) :

SOD 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				
August 2012	31	10	30	28	29	2*	19*	16*	20*	26*

AUGUST 2012		Geomagnetic Indices (provisional)												Daily Average and Sum				
	aa				quiet days	am and Km for each three hour interval								Daily Average and Sum				
	N	S	am	pm		D	1	2	3	4	5	6	7	8	Am	Σ Km	Ap	Σ Kp
1	11	6	7	10	8	CC	6 1o	11 2-	8 1+	8 1+	7 1o	6 1o	7 1o	16 2o	9	10+	5	10+
2	34	22	5	50	28		4 1-	2 0+	2 0+	15 2o	72 5-	55 4o	29 3o	28 3o	26	18o	18	20-
3	17	11	19	9	14		18 2+	30 3o	21 3-	10 1+	5 1-	7 1o	3 0+	4 1-	12	12o	6	11+
4	12	9	7	15	11	CC	5 1-	9 1+	8 1+	5 1-	6 1o	14 2o	8 1+	15 2o	9	10+	5	11o
5	9	8	6	10	8	CK	3 0+	3 0+	7 1o	11 2-	6 1o	6 1o	8 1+	14 2o	7	9-	4	9o
6	24	14	18	20	19		14 2o	28 3o	15 2o	26 3-	12 2-	21 3-	12 2-	25 3-	19	18+	10	19o
7	13	9	8	14	11	C	16 2o	5 1-	8 1+	17 2+	8 1+	5 1-	12 2-	22 3-	12	13-	6	12+
8	21	11	17	15	16		51 4o	11 2-	16 2o	14 2o	11 2-	15 2o	6 1o	7 1o	16	15+	10	15o
9	11	5	11	6	8	CC	22 3-	17 2+	9 1+	13 2-	3 0+	5 1-	3 0+	4 1-	10	10o	5	10-
10	6	3	4	4	4	CC*	2 0+	8 1+	4 1-	1 0o	2 0+	2 0+	1 0o	3 0+	3	3+	2	3+
11	10	5	3	12	7	CC	1 0o	0 0o	2 0+	4 1-	10 1+	6 1o	10 1+	15 2o	6	7-	4	7+
12	17	11	11	17	14		11 2-	15 2o	12 2-	9 1+	14 2o	10 1+	21 3-	17 2+	14	15o	7	14+
13	19	16	14	21	18		8 1+	10 1+	20 2+	20 2+	14 2o	25 3-	24 3-	11 2-	17	16+	8	15o
14	14	12	13	13	13	C	16 2o	19 2+	13 2-	14 2o	13 2-	14 2o	6 1o	17 2+	14	15o	6	13o
15	15	7	8	14	11	CC	13 2-	1 0o	8 1+	10 1+	7 1o	9 1+	10 1+	20 2+	10	10+	5	10+
16	29	27	13	44	28		17 2+	16 2o	17 2+	11 2-	32 3o	42 4-	29 3o	35 3+	25	21+	12	20-
17	19	13	21	11	16		37 3+	19 2+	20 2+	14 2o	5 1-	6 1o	9 1+	10 1+	15	14+	8	14-
18	20	18	14	23	19		6 1o	20 2+	20 2+	21 3-	14 2o	12 2-	38 3+	27 3o	20	18+	10	18-
19	26	29	27	29	28		12 2-	14 2o	13 2-	43 4-	41 4-	15 2o	8 1+	39 3+	23	19+	13	19+
20	22	27	21	28	24		24 3-	30 3o	29 3o	18 2+	37 3+	11 2-	20 2+	11 2-	23	20o	11	20o
21	12	16	10	18	14		14 2o	9 1+	10 1+	16 2o	10 1+	14 2o	3 0+	20 2+	12	13-	6	11o
22	12	10	7	15	11	C	5 1-	9 1+	7 1o	10 1+	19 2+	11 2-	6 1o	19 2+	11	12-	5	11-
23	20	18	18	20	19		23 3-	15 2o	22 3-	23 3-	19 2+	14 2o	22 3-	4 1-	18	18-	9	17o
24	16	13	12	17	15		15 2o	16 2o	11 2-	14 2o	25 3-	11 2-	19 2+	17 2+	16	17-	7	15o
25	25	22	17	30	24		12 2-	16 2o	23 3-	24 3-	21 3-	19 2+	20 2+	28 3o	20	19+	9	18-
26	25	19	12	32	22		6 1o	17 2+	15 2o	25 3-	38 3+	18 2+	30 3o	12 2-	20	18+	11	19-
27	12	10	15	7	11	K	11 2-	23 3-	11 2-	8 1+	3 0+	5 1-	3 0+	13 2-	10	10+	6	11-
28	6	4	4	5	5	CC*	7 1o	4 1-	1 0o	7 1o	4 1-	1 0o	2 0+	7 1o	4	5-	3	5+
29	7	5	7	5	6	CC*	5 1-	9 1+	6 1o	3 0+	4 1-	6 1o	1 0o	3 0+	5	5+	3	6o
30	6	3	4	5	4	CC*	2 0+	1 0o	6 1o	4 1-	5 1-	2 0+	9 1+	5 1-	4	5o	3	5o
31	3	4	3	4	3	CC*	1 0o	1 0o	3 0+	3 0+	3 0+	0 0o	0 0o	1 0o	2	1o	1	2o

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



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

