

SERVICE INTERNATIONAL DES INDICES GEOMAGNETIQUES
INTERNATIONAL SERVICE OF GEOMAGNETIC INDICES

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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

NOVEMBER 2012

SSC - Storm Sudden Commencements

SFE - Solar Flare Effects

12 23 11 A: NAG GUI GNA* CNB*
B: ESK VAL* HAD BDV* MMB* SPT KAK* KNY*
C: LER NGK* GCK EBR*

NONE

23 21 52 A: DOU NAG* CNB*
B: LER ESK NGK* HAD BDV* EBR SPT GUI
C: VAL* GCK GNA*

REPORTING OBSERVATORIES (up to 04-01-2013) :

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				
November 2012	9	30	28	4	11	14	1	13*	20*	24*

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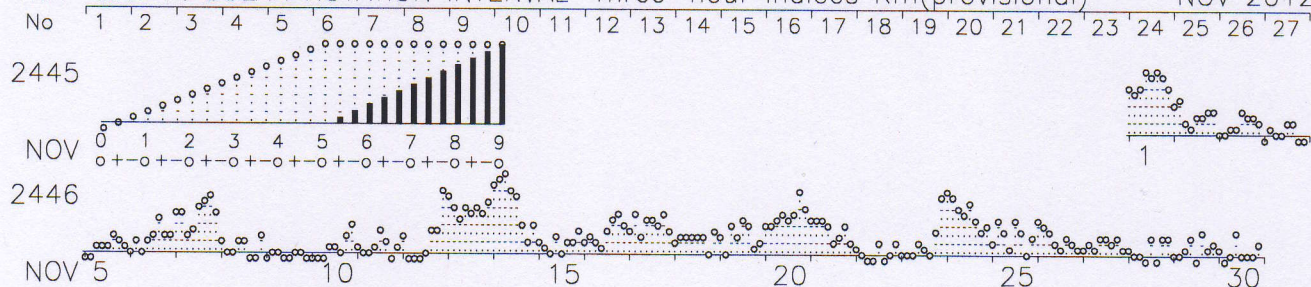
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NOVEMBER 2012					Geomagnetic Indices (provisional)										Daily Average and Sum			
	aa				quiet	am and Km for each three hour interval								and Sum				
	N	S	am	pm	D	days	1	2	3	4	5	6	7	8	Am	Σ Km	Ap	Σ Kp
1	40	41	32	49	40		28 3o	21 3-	27 3o	55 4o	44 4-	52 4o	43 4-	33 3o	38	27o	22	28+
2	11	15	14	12	13	C	14 2o	19 2+	7 1o	5 1-	8 1+	9 1+	11 2-	12 2-	11	12o	5	11-
3	6	9	5	10	8	CC	2 0+	2 0+	4 1-	4 1-	13 2-	10 1+	8 1+	6 1o	6	7+	2	4+
4	6	6	5	6	6	CC *	1 0o	4 1-	2 0+	2 0+	7 1o	7 1o	1 0o	0 0o	3	3+	2	3-
5	6	7	4	8	6	CC	1 0o	1 0o	4 1-	5 1-	4 1-	10 1+	6 1o	4 1-	4	5o	2	5-
6	11	9	7	13	10	CK	2 0+	6 1o	3 0+	6 1o	9 1+	18 2+	8 1+	10 1+	8	9o	4	7+
7	39	24	21	42	32		23 3-	25 3-	9 1+	13 2-	32 3o	37 3+	45 4-	21 3-	26	21o	15	22+
8	7	7	7	7	7	C	6 1o	2 0+	2 0+	7 1o	7 1o	1 0o	1 0o	9 1+	4	5o	2	5-
9	4	3	4	4	4	CC *	1 0o	2 0+	2 0+	1 0o	1 0o	3 0+	3 0+	1 0o	2	1+	1	1o
10	8	5	4	10	7	CC	0 0o	1 0o	1 0o	4 1-	5 1-	2 0+	9 1+	16 2o	5	5o	2	4-
11	5	8	5	8	6	CC *	5 1-	2 0+	3 0+	5 1-	12 2-	6 1o	1 0o	4 1-	5	5+	2	3o
12	22	12	5	29	17		8 1+	1 0o	1 0o	1 0o	3 0+	13 2-	13 2-	55 4o	12	9o	5	8o
13	50	35	48	38	43		50 4-	28 3o	18 2+	33 3o	26 3-	32 3o	26 3-	37 3+	31	24-	19	26+
14	50	48	77	21	49		70 4+	75 5-	96 5o	59 4o	45 4-	16 2o	6 1o	14 2o	48	27-	37	30-
15	10	5	7	9	8	CK	7 1o	4 1-	2 0+	8 1+	3 0+	6 1o	6 1o	11 2-	6	7+	3	6+
16	16	11	10	17	14	K	7 1o	10 1+	7 1o	4 1-	13 2-	17 2+	23 3-	14 2o	12	13-	7	14-
17	19	20	16	23	20		12 2-	21 3-	10 1+	19 2+	17 2+	16 2o	26 3-	12 2-	17	17-	9	17+
18	9	8	9	8	8	CK	6 1o	9 1+	8 1+	9 1+	10 1+	10 1+	2 0+	12 2-	8	10-	4	9+
19	9	15	9	16	12	CK	8 1+	2 0+	14 2o	9 1+	20 2+	16 2o	4 1-	6 1o	10	11o	4	9+
20	35	28	21	41	31		15 2o	14 2o	19 2+	24 3-	17 2+	26 3-	60 4o	31 3o	26	21o	15	23+
21	14	13	18	9	14		20 2+	18 2+	17 2+	16 2o	7 1o	9 1+	14 2o	6 1o	13	14+	8	14+
22	5	5	3	7	5	CC	5 1-	3 0+	1 0o	1 0o	6 1o	1 0o	2 0+	6 1o	3	3+	2	4+
23	17	12	3	26	14		2 0+	2 0+	2 0+	6 1o	5 1-	3 0+	13 2-	49 4-	10	8+	7	8o
24	26	35	40	21	31		60 4o	42 4-	33 3o	23 3-	36 3+	20 2+	13 2-	15 2o	30	23-	15	22-
25	7	18	13	12	13	C	6 1o	17 2+	12 2-	5 1-	18 2+	12 2-	3 0+	9 1+	10	11+	4	8o
26	11	13	16	8	12	CC	20 2+	16 2o	13 2-	7 1o	4 1-	9 1+	6 1o	4 1-	10	11-	5	9o
27	7	10	8	9	9	CC	4 1-	6 1o	4 1-	9 1+	9 1+	6 1o	10 1+	5 1-	7	8o	4	7o
28	5	5	4	5	4	CC *	4 1-	3 0+	2 0+	1 0o	9 1+	1 0o	8 1+	8 1+	5	5+	1	2+
29	7	6	6	7	6	CC	3 0+	2 0+	5 1-	10 1+	1 0o	11 2-	5 1-	6 1o	5	6o	2	4+
30	4	6	5	4	4	CC *	4 1-	1 0o	3 0+	11 2-	3 0+	3 0+	2 0+	6 1o	4	5-	1	2-

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



ROT DAY IN SOLAR ROTATION INTERVAL Three-hour indices aa (logscale) NOV2012-JAN2013

