

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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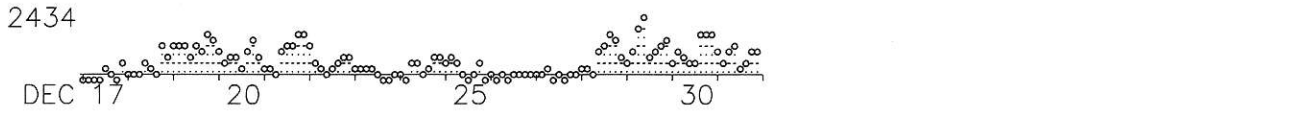
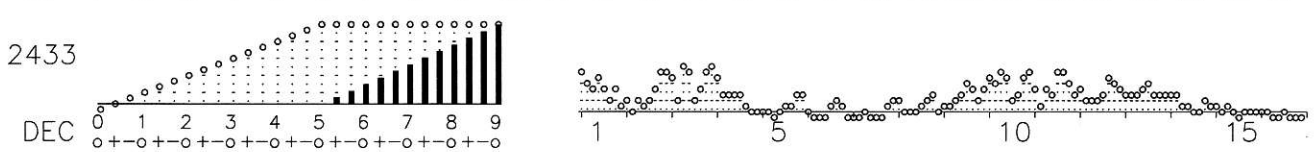
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PRELIMINARY REPORT ON RAPID VARIATIONS		DECEMBER 2011	
SSC - Storm Sudden Commencements		SFE - Solar Flare Effects	
02 17 16	B: NUR SPT* GUI GNA* C: LER ESK NGK VAL HAD* DOU BDV* CNB	05 1154-1218 GUI	06 1211-1248 GUI
18 19 03	A: GNA B: NUR SPT* GUI CNB LIV* C: LER* ESK* NGK* VAL* HAD* DOU BDV* HRB		
28 11 13	A: GNA CNB* B: NUR C: NGK* VAL* DOU BDV* HRB EBR* SPT GUI		
REPORTING OBSERVATORIES (up to 02-02-2012) :			
SOD 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				
December 2011	27	16	26	17	6	3*	29*	10*	11*	30*

	DECEMBER 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	15	13	19	9	14		21 3-	14 2o	11 2-	17 2+	12 2-	6 1o	11 2-	5 1-	12	14-	7	13+
2	13	13	7	20	13	K	6 1o	3 0+	6 1o	4 1-	6 1o	11 2-	24 3-	25 3-	11	11o	6	10-
3	19	22	24	17	20		19 2+	6 1o	29 3o	25 3-	7 1o	13 2-	26 3-	30 3o	19	17+	10	17+
4	7	11	11	6	9	CC	18 2+	8 1+	9 1+	10 1+	8 1+	4 1-	2 0+	3 0+	8	9o	4	8o
5	6	5	2	9	5	CC	3 0+	2 0+	1 0o	2 0+	4 1-	4 1-	9 1+	9 1+	4	5o	2	4o
6	2	4	2	4	3	CC*	2 0+	1 0o	0 0o	1 0o	4 1-	6 1o	5 1-	0 0o	2	3-	1	1+
7	3	3	2	4	3	CC	1 0o	1 0o	2 0+	1 0o	0 0o	1 0o	5 1-	7 1o	2	2o	1	2-
8	5	6	4	8	6	CC	7 1o	2 0+	2 0+	2 0+	4 1-	6 1o	9 1+	3 0+	4	5+	2	3o
9	7	11	9	10	9	CK	5 1-	5 1-	7 1o	10 1+	15 2o	11 2-	6 1o	13 2-	9	10o	4	8-
10	18	26	28	16	22		19 2+	14 2o	24 3-	18 2+	7 1o	10 1+	17 2+	21 3-	16	17-	8	16+
11	15	17	11	21	16		13 2-	5 1-	11 2-	10 1+	26 3-	26 3-	14 2o	10 1+	14	14o	7	14o
12	16	13	11	18	15		12 2-	6 1o	6 1o	6 1o	10 1+	19 2+	14 2o	11 2-	11	12o	6	12+
13	11	14	13	12	13	CC	10 1+	8 1+	9 1+	12 2-	15 2o	8 1+	10 1+	10 1+	10	12-	4	9+
14	5	8	8	4	6	CC	9 1+	10 1+	4 1-	4 1-	3 0+	3 0+	6 1o	5 1-	6	6+	3	5-
15	2	5	4	3	3	CC	4 1-	2 0+	5 1-	2 0+	1 0o	2 0+	2 0+	3 0+	3	3o	1	1+
16	2	2	2	2	2	CC*	3 0+	2 0+	1 0o	0 0o	2 0+	1 0o	0 0o	0 0o	1	1o	0	0+
17	3	4	2	4	3	CC*	1 0o	1 0o	0 0o	0 0o	4 1-	3 0+	1 0o	6 1o	2	2o	1	1o
18	5	7	4	8	6	CC	3 0+	2 0+	2 0+	7 1o	4 1-	2 0+	14 2o	8 1+	5	6+	2	3o
19	15	23	17	21	19		16 2o	16 2o	14 2o	8 1+	16 2o	13 2-	25 3-	17 2+	16	16o	6	14-
20	10	13	11	12	12	CK	13 2-	7 1o	9 1+	9 1+	4 1-	11 2-	18 2+	10 1+	10	11+	6	11o
21	14	13	7	20	13	KK	5 1-	5 1-	3 0+	11 2-	15 2o	15 2o	21 3-	22 3-	12	13-	6	11+
22	11	10	12	9	10	CK	16 2o	7 1o	4 1-	3 0+	4 1-	7 1o	9 1+	8 1+	7	8+	4	8-
23	5	4	6	3	4	CC	4 1-	4 1-	4 1-	4 1-	2 0+	1 0o	1 0o	2 0+	3	3+	1	2o
24	5	7	7	5	6	CC	2 0+	1 0o	7 1o	6 1o	3 0+	4 1-	9 1+	8 1+	5	6o	2	4-
25	4	6	8	3	5	CC	6 1o	9 1+	7 1o	3 0+	1 0o	2 0+	6 1o	1 0o	4	5o	3	5+
26	2	5	3	4	4	CC*	2 0+	1 0o	2 0+	1 0o	2 0+	3 0+	3 0+	3 0+	2	2o	1	1o
27	2	4	4	2	3	CC*	3 0+	3 0+	4 1-	1 0o	2 0+	0 0o	2 0+	3 0+	2	2+	0	0o
28	9	17	7	19	13	K	4 1-	4 1-	2 0+	11 2-	16 2o	21 3-	17 2+	9 1+	11	12-	4	8o
29	20	25	29	16	23		6 1o	12 2-	27 3o	43 4-	10 1+	13 2-	16 2o	19 2+	18	17-	9	16o
30	18	13	10	21	16		6 1o	11 2-	8 1+	6 1o	7 1o	24 3-	25 3-	21 3-	14	14o	7	13o
31	11	13	15	9	12	CK	12 2-	7 1o	11 2-	16 2o	4 1-	7 1o	11 2-	11 2-	10	11+	6	12-

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



ROT DAY IN SOLAR ROTATION INTERVAL Three-hour indices aa (logscale) DEC 2011 - FEB 2012

