

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

DECEMBER 2012

SSC - Storm Sudden Commencements

NONE

SFE - Solar Flare Effects

NONE

REPORTING OBSERVATORIES (up to 01-02-2013) :

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				
December 2012	6	8	22	7	27	17*	15*	20*	2*	18*

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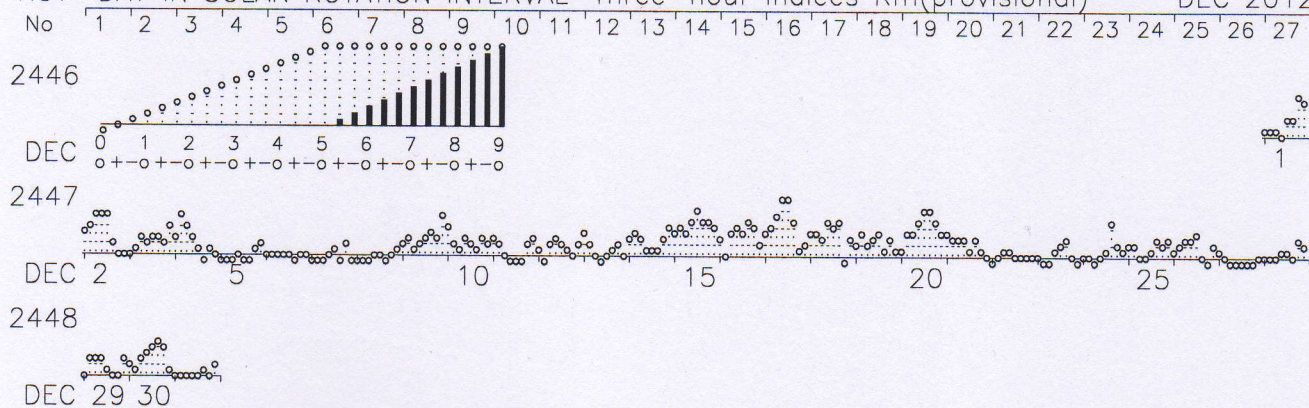
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DECEMBER 2012						Geomagnetic Indices (provisional)										Daily Average and Sum			
	aa					quiet	am and Km for each three hour interval								and Sum				
	N	S	am	pm	D	days	1	2	3	4	5	6	7	8	Am	Σ Km	Ap	Σ Kp	
1	16	10	6	20	13	K	5 1-	5 1-	4 1-	3 0+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

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



ROT DAY IN SOLAR ROTATION INTERVAL Three-hour indices aa (logscale) DEC2012-FEB2013

