

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

MAY 2013

SSC - Storm Sudden Commencements

SFE - Solar Flare Effects

15 14 13 A: NAG*
C: WNG NGK DOU BDV*
18 01 10 A: NAG*
B: NUR LER ESK HAD DOU
C: WNG* NGK* VAL BDV* EBR* SPT* GNG* LIV
19 23 08 A: GNG CNB*
B: WNG NGK DOU* BDV EBR*
C: VAL LIV
S: LER ESK HAD SPT
24 18 10 A: LER* ESK WNG NGK HAD DOU BDV* HRB NAG
SPT* GNG
B: NUR VAL EBR GUI CNB LIV*
C: GCK
31 16 18 A: SOD LER* ESK* WNG* NGK* VAL* HAD* DOU HRB
NAG* SPT* GUI GNG
B: NUR BDV* MMB* EBR KAK KNY* CNB LIV*
C: GCK

13 0157-0315 MMB KAK KNY
GNG
13 1556-1735 EBR GUI LIV
14 0102-0230 MMB KAK KNY
15 0131-0253 MMB KAK KNY
GNG CNB
19 2309-2332 GUI

REPORTING OBSERVATORIES (up to the 2nd of July 2013) :

SOD NUR LER ESK WNG NGK VAL HAD DOU BDV HRB NAG GCK MMB EBR SPT KAK KNY GUI GNG CNB LIV

	FIVE INTERNATIONAL QUIETEST DAYS					FIVE INTERNATIONAL MOST DISTURBED DAYS				
May 2013	29	30	11	12	9	1	25	24	18*	26*

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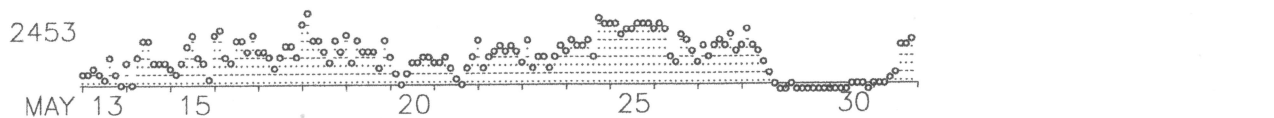
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MAY 2013						Geomagnetic Indices (provisional)										Daily Average and Sum			
	aa					quiet	am and Km for each three hour interval												
	N	S	am	pm	D	days	1	2	3	4	5	6	7	8	Am	Σ Km	Ap	Σ Kp	
1	40	52	32	60	46	C K C C C C C C C C C C C C C C C C C C	18 2+	24 3-	62 4+	46 4-	68 4+	35 3+	84 5-	31 3o	46	28+	29	31o	
2	26	16	24	18	21		29 3o	29 3o	16 2o	15 2o	7 1o	12 2-	26 3-	12 2-	18	17o	10	18o	
3	9	8	7	10	9		10 1+	9 1+	8 1+	6 1o	5 1-	10 1+	10 1+	3 0+	8	9-	5	10+	
4	11	8	9	10	9		9 1+	4 1-	13 2-	10 1+	7 1o	10 1+	8 1+	12 2-	9	10+	5	11-	
5	18	11	10	19	15		8 1+	11 2-	19 2+	11 2-	20 2+	24 3-	9 1+	2 0+	13	14-	7	14+	
6	15	13	15	13	14		9 1+	6 1o	24 3-	22 3-	13 2-	11 2-	14 2o	15 2o	14	15o	7	15o	
7	20	18	24	14	19		31 3o	23 3-	25 3-	19 2+	14 2o	15 2o	11 2-	5 1-	18	17o	9	17-	
8	15	12	15	12	14		C	19 2+	12 2-	15 2o	9 1+	8 1+	16 2o	9 1+	9 1+	12	13+	6	13o
9	7	6	8	4	6		C C *	8 1+	8 1+	10 1+	12 2-	5 1-	3 0+	1 0o	2 0+	6	7o	4	7o
10	7	6	6	6	6		C C	6 1o	8 1+	6 1o	8 1+	13 2-	1 0o	3 0+	3 0+	6	7o	4	7o
11	6	4	6	4	5	C C *	1 0o	9 1+	5 1-	6 1o	1 0o	2 0+	2 0+	5 1-	4	4+	3	5o	
12	8	4	7	5	6	C C *	9 1+	9 1+	4 1-	7 1o	2 0+	3 0+	2 0+	2 0+	5	6-	3	6+	
13	9	5	7	8	7	C C	7 1o	6 1o	9 1+	7 1o	4 1-	15 2o	6 1o	3 0+	7	8+	4	8o	
14	16	20	13	22	18		12 2-	2 0+	15 2o	29 3o	29 3o	13 2-	13 2-	12 2-	16	15o	6	14o	
15	23	17	15	25	20		10 1+	7 1o	13 2-	21 3-	36 3+	15 2o	13 2-	5 1-	15	14+	8	14o	
16	39	24	23	40	32		35 3+	49 4-	15 2o	12 2-	27 3o	29 3o	18 2+	39 3+	28	22+	16	24-	
17	18	13	10	21	16		18 2+	20 2+	15 2o	10 1+	16 2o	23 3-	26 3-	14 2o	18	17+	8	17-	
18	40	24	39	25	32		56 4o	82 5-	32 3o	27 3o	18 2+	12 2-	30 3o	19 2+	35	24o	19	24o	
19	27	24	22	29	26		36 3+	13 2-	27 3o	17 2+	18 2+	19 2+	10 1+	29 3o	21	19+	11	20o	
20	18	10	10	17	14		14 2o	6 1o	3 0+	6 1o	11 2-	13 2-	15 2o	14 2o	10	12-	6	13o	
21	10	6	9	8	8	C C	13 2-	11 2-	15 2o	9 1+	4 1-	2 0+	10 1+	16 2o	10	11o	5	10o	
22	23	16	16	23	20		30 3o	9 1+	14 2o	20 2+	24 3-	18 2+	23 3-	17 2+	19	19-	10	19-	
23	21	10	16	15	15		11 2-	28 3o	9 1+	15 2o	14 2o	10 1+	15 2o	22 3-	16	16o	8	15+	
24	37	27	18	45	32		20 2+	33 3o	23 3-	24 3-	31 3o	16 2o	67 4+	52 4o	33	24o	20	25o	
25	64	55	47	72	59		52 4o	58 4o	36 3+	48 4-	44 4-	53 4o	59 4o	58 4o	51	31-	37	36-	
26	40	30	37	33	35		45 4-	53 4o	44 4-	14 2o	12 2-	37 3+	28 3o	20 2+	32	24-	18	25o	
27	30	21	19	33	26		13 2-	25 3-	15 2o	25 3-	28 3o	21 3-	34 3+	18 2+	22	20+	13	22o	
28	17	18	27	8	18		23 3-	42 4-	23 3-	19 2+	12 2-	7 1o	3 0+	1 0o	16	14+	7	14-	
29	2	2	2	2	2	C C *	0 0o	2 0+	1 0o	1 0o	1 0o	1 0o	1 0o	1 0o	1	0+	1	1+	
30	4	2	2	4	3	C C *	1 0o	1 0o	1 0o	1 0o	2 0+	3 0+	2 0+	1 0o	2	1o	2	2+	
31	22	9	3	29	16		2 0+	3 0+	3 0+	5 1-	7 1o	24 3-	23 3-	33 3o	13	11o	9	13+	

ROT DAY IN SOLAR ROTATION INTERVAL Three-hour indices Km(provisional) MAY 2013



ROT DAY IN SOLAR ROTATION INTERVAL Three-hour indices aa (logscale) MAY-JUL 2013

