

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.

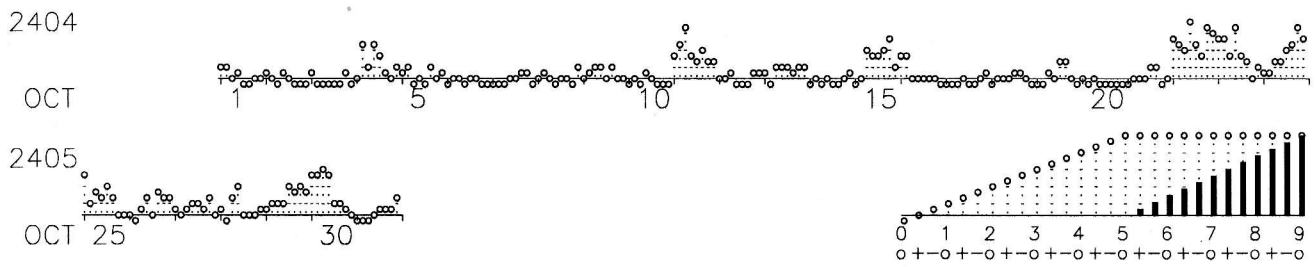
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PRELIMINARY REPORT ON RAPID VARIATIONS		OCTOBER 2009
SSC - Storm Sudden Commencements		SFE - Solar Flare Effects
04 04 12	A: GNA* CNB* B: NUR LER* ESK* HAD* C: NGK* DOU BDV* NAG* SPT GUI	NONE
11 00 29	B: NAG C: LER* ESK* NGK HAD DOU BDV GCK SPT GUI	
22 00 17	B: GNA CNB C: GCK GUI	
24 16 50	B: LER* ESK* HAD* GUI C: NGK* BDV*	
REPORTING OBSERVATORIES (up to 02/12/2009) :		
NUR LER ESK NGK HAD DOU BDV NAG GCK MMB EBR SPT KAK KNY GUI HYB GNA CNB		
	FIVE INTERNATIONAL QUIETEST DAYS	FIVE INTERNATIONAL MOST DISTURBED DAYS
October 2009	14 20 10 17 3	22* 23* 24* 30* 11*

OCTOBER 2009		Geomagnetic Indices (provisional)											Daily Average and Sum					
	aa				quiet days	am and Km for each three hour interval								Am Σ Km Ap Σ Kp				
	N	S	am	pm		D	1	2	3	4	5	6	7	8	Am	Σ Km	Ap	Σ Kp
1	4	4	5	3	4	CC	6 1o	7 1o	3 0+	4 1-	1 0o	1 0o	2 0+	2 0+	3	4-	2	4-
2	3	4	4	3	3	CC	4 1-	2 0+	1 0o	5 1-	3 0+	1 0o	1 0o	1 0o	2	2o	2	2+
3	4	2	3	4	3	CC*	5 1-	1 0o	1 0o	0 0o	1 0o	1 0o	4 1-	0 0o	2	1+	1	1+
4	9	13	15	8	11	KC	2 0+	17 2+	6 1o	20 2+	12 2-	5 1-	3 0+	6 1o	9	10-	4	8+
5	4	5	5	4	5	CC	5 1-	6 1o	1 0o	2 0+	1 0o	6 1o	2 0+	4 1-	3	4o	3	5-
6	3	4	3	4	3	CC	1 0o	3 0+	2 0+	1 0o	3 0+	2 0+	0 0o	1 0o	2	1+	2	3-
7	4	2	3	3	3	CC	0 0o	0 0o	1 0o	3 0+	2 0+	5 1-	5 1-	1 0o	2	2o	2	3-
8	5	3	4	5	4	CC	2 0+	4 1-	2 0+	0 0o	2 0+	2 0+	1 0o	7 1o	3	3o	2	3+
9	6	5	6	4	5	CC	3 0+	4 1-	6 1o	6 1o	3 0+	6 1o	2 0+	2 0+	4	5o	2	3o
10	3	6	5	4	4	CK*	0 0o	2 0+	0 0o	5 1-	2 0+	1 0o	0 0o	0 0o	1	1+	1	1o
11	16	21	25	12	18	K	13 2-	18 2+	38 3+	11 2-	9 1+	14 2o	8 1+	8 1+	15	15o	7	14o
12	4	4	4	4	4	CC	2 0+	3 0+	5 1-	0 0o	1 0o	0 0o	5 1-	4 1-	3	3-	2	2+
13	6	9	6	8	7	CC	5 1-	1 0o	6 1o	6 1o	6 1o	5 1-	6 1o	7 1o	5	6+	3	5+
14	3	4	3	4	3	CC*	1 0o	2 0+	1 0o	3 0+	0 0o	0 0o	2 0+	4 1-	2	2-	1	1o
15	15	13	11	18	14	C	1 0o	2 0+	15 2o	11 2-	12 2-	14 2o	22 3-	7 1o	11	11+	5	10o
16	6	5	8	3	5	CC	13 2-	12 2-	3 0+	3 0+	3 0+	2 0+	2 0+	0 0o	5	5o	3	6-
17	3	3	3	3	3	CC*	0 0o	0 0o	1 0o	3 0+	1 0o	0 0o	2 0+	4 1-	1	1+	1	1o
18	4	6	3	6	4	CC	0 0o	2 0+	2 0+	2 0+	4 1-	4 1-	2 0+	0 0o	2	3-	1	2-
19	4	6	4	6	5	CC	0 0o	1 0o	4 1-	3 0+	10 1+	9 1+	2 0+	1 0o	4	4o	2	3o
20	3	2	3	2	2	CC*	3 0+	1 0o	2 0+	0 0o	1 0o	1 0o	1 0o	1 0o	1	1-	0	1-
21	4	5	2	6	4	CK	1 0o	2 0+	3 0+	3 0+	6 1o	6 1o	0 0o	3 0+	3	3+	1	2o
22	26	30	25	32	28		26 3-	18 2+	14 2o	42 4-	20 2+	13 2-	39 3+	30 3o	25	21o	13	22-
23	17	21	29	9	19		26 3-	25 3-	11 2-	39 3+	11 2-	8 1+	3 0+	6 1o	16	15-	10	15+
24	20	20	9	31	20		4 1-	5 1-	9 1+	10 1+	16 2o	19 2+	37 3+	22 3-	15	14+	8	14o
25	11	12	13	10	11	C	22 3-	7 1o	11 2-	10 1+	16 2o	9 1+	3 0+	2 0+	10	11-	5	10+
26	9	6	4	10	7	CC	2 0+	1 0o	5 1-	8 1+	3 0+	11 2-	10 1+	8 1+	6	7o	4	7o
27	7	6	5	8	6	CC	4 1-	2 0+	5 1-	6 1o	7 1o	4 1-	9 1+	3 0+	5	6o	3	5+
28	4	8	9	4	6	CC	5 1-	1 0o	8 1+	15 2o	2 0+	3 0+	3 0+	4 1-	5	6-	3	5-
29	11	12	9	14	12	CK	5 1-	6 1o	6 1o	7 1o	14 2o	11 2-	16 2o	12 2-	10	11o	5	10o
30	18	16	26	8	17	K	22 3-	21 3-	30 3o	25 3-	7 1o	7 1o	5 1-	3 0+	15	14o	9	15o
31	6	5	2	9	6	CC	1 0o	0 0o	0 0o	3 0+	5 1-	4 1-	5 1-	10 1+	4	4-	2	4o

ROT DAY IN SOLAR ROTATION INTERVAL Three-hour indices Km(provisional) OCT 2009



ROT DAY IN SOLAR ROTATION INTERVAL Three-hour indices aa (logscale) OCT-DEC 2009

