

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

FEBRUARY 2009

SSC - Storm Sudden Commencements

SFE - Solar Flare Effects

03 20 12 A: VAL
 B: LER* ESK* HAD* NAG SPT* GUI LIV
 C: NGK* DOU BDV* CLF GCK HYB

20 20 12 B: NUR CLF
 C: NGK* DOU BDV

20 1746-1848 GUI

REPORTING OBSERVATORIES (up to 02/04/2009) :

NUR LER ESK NGK VAL HAD DOU BDV CLF HRB NAG GCK MMB EBR SPT KAK KNY GUI HYB
 GNA CNB LIV

FIVE INTERNATIONAL QUIETEST DAYS

FIVE INTERNATIONAL MOST DISTURBED DAYS

February 2009

8 2 17 10 19

14* 4* 27* 15* 24*

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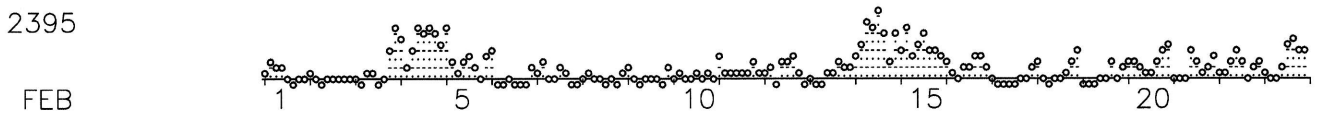
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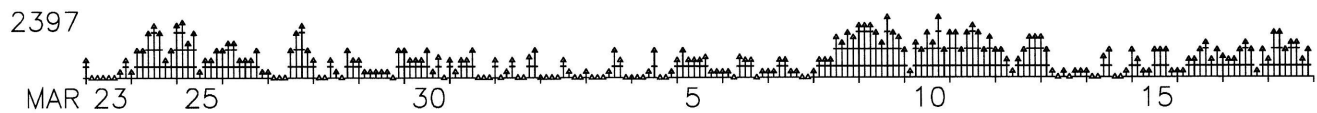
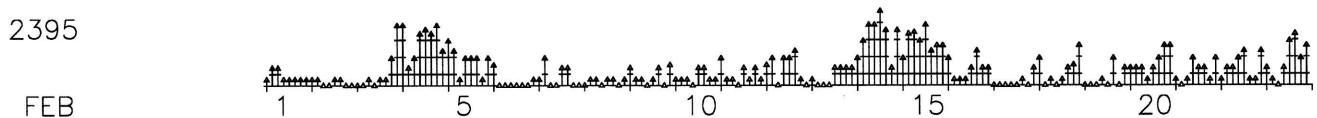
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FEBRUARY 2009 Geomagnetic Indices (provisional)														Daily Average and Sum							
	aa				quiet days	am and Km for each three hour interval								Am		Σ Km		Ap		Σ Kp	
	N	S	am	pm		D	1	2	3	4	5	6	7	8	Am	Σ Km	Ap	Σ Kp			
1	6	5	7	5	6	CC	5 1-	10 1+	6 1o	7 1o	3 0+	1 0o	2 0+	3 0+	5	5o	3	6o			
2	4	4	4	4	4	CC*	4 1-	3 0+	1 0o	3 0+	2 0+	2 0+	2 0+	3 0+	3	3-	1	1+			
3	12	8	3	17	10	KK	3 0+	0 0o	4 1-	4 1-	1 0o	2 0+	15 2o	35 3+	8	7+	4	6o			
4	28	29	24	33	29		26 3-	7 1o	14 2o	37 3+	31 3o	35 3+	32 3o	18 2+	25	21-	14	22-			
5	13	12	14	10	12	C	34 3+	10 1+	4 1-	8 1+	11 2-	7 1o	3 0+	11 2-	11	11+	7	12-			
6	5	2	4	3	3	CC	14 2o	1 0o	1 0o	2 0+	0 0o	0 0o	0 0o	6 1o	3	3+	1	3-			
7	5	5	5	5	5	CC	4 1-	10 1+	3 0+	2 0+	6 1o	5 1-	1 0o	0 0o	4	4+	2	3+			
8	4	4	4	4	4	CC*	2 0+	4 1-	3 0+	2 0+	1 0o	2 0+	1 0o	4 1-	2	3-	0	1-			
9	6	5	5	6	6	CC	6 1o	2 0+	1 0o	2 0+	2 0+	2 0+	1 0o	6 1o	3	3+	2	3+			
10	4	7	4	7	5	CC*	3 0+	5 1-	2 0+	2 0+	5 1-	3 0+	4 1-	3 0+	3	4-	2	3-			
11	5	7	6	7	6	CC	11 2-	4 1-	4 1-	4 1-	5 1-	5 1-	10 1+	5 1-	6	7o	3	6+			
12	7	11	9	9	9	CC	5 1-	7 1o	1 0o	10 1+	8 1+	12 2-	5 1-	0 0o	6	7-	3	5+			
13	5	6	3	8	5	CK	2 0+	1 0o	1 0o	4 1-	5 1-	8 1+	7 1o	7 1o	4	5o	2	4o			
14	34	39	32	41	36		12 2-	20 2+	42 4-	34 3+	63 4+	29 3o	10 1+	32 3o	30	23-	17	24o			
15	23	28	26	26	26		14 2o	36 3+	13 2-	18 2+	33 3o	15 2o	15 2o	11 2-	19	18o	10	19o			
16	8	9	7	10	8	CK	10 1+	4 1-	3 0+	6 1o	7 1o	13 2-	11 2-	6 1o	8	9-	4	7+			
17	4	3	2	4	3	CC*	2 0+	0 0o	0 0o	0 0o	1 0o	2 0+	2 0+	7 1o	2	2o	1	1+			
18	11	5	5	11	8	CC	9 1+	3 0+	1 0o	2 0+	3 0+	5 1-	8 1+	14 2o	6	6+	3	6o			
19	4	6	3	6	4	CC*	1 0o	0 0o	0 0o	3 0+	3 0+	10 1+	3 0+	6 1o	3	3+	1	2+			
20	13	9	7	15	11	CC	8 1+	9 1+	7 1o	5 1-	5 1-	8 1+	16 2o	18 2+	10	11-	4	9o			
21	6	8	6	8	7	CC	3 0+	3 0+	3 0+	14 2o	8 1+	5 1-	7 1o	11 2-	7	8-	3	5+			
22	9	10	8	11	9	CC	5 1-	5 1-	10 1+	14 2o	10 1+	3 0+	7 1o	10 1+	8	9-	4	8-			
23	14	13	6	22	14		5 1-	3 0+	3 0+	6 1o	19 2+	24 3-	16 2o	15 2o	11	11+	5	10+			
24	15	9	16	8	12	CK	13 2-	26 3-	16 2o	9 1+	7 1o	7 1o	2 0+	7 1o	11	11o	8	13o			
25	10	4	8	6	7	CC	11 2-	7 1o	4 1-	9 1+	4 1-	6 1o	6 1o	3 0+	6	8-	4	7-			
26	7	6	6	7	7	CK	5 1-	6 1o	1 0o	5 1-	5 1-	6 1o	5 1-	9 1+	5	6o	3	5o			
27	23	22	22	23	22		13 2-	11 2-	13 2-	35 3+	35 3+	18 2+	17 2+	11 2-	19	18o	11	19-			
28	14	6	13	8	10	CK	13 2-	15 2o	11 2-	4 1-	1 0o	2 0+	7 1o	8 1+	8	9-	5	10o			

ROT DAY IN SOLAR ROTATION INTERVAL Three-hour indices Km(provisional) FEB 2009
 No 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27



ROT DAY IN SOLAR ROTATION INTERVAL Three-hour indices aa (logscale) FEB-APR 2009
 No 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27



2 5 10 20 40 80 160 320 640 nT