

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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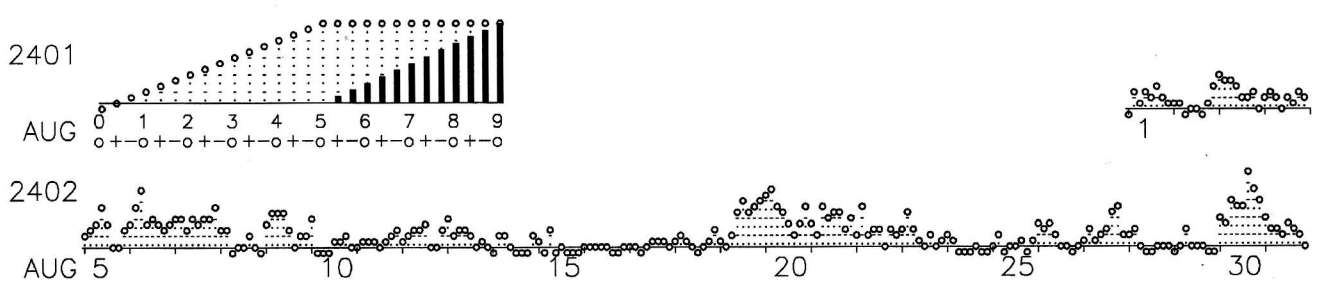
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PRELIMINARY REPORT ON RAPID VARIATIONS		AUGUST 2009
SSC - Storm Sudden Commencements		SFE - Solar Flare Effects
07 15 55	A: VAL B: LER ESK HAD* C: NGK* BDV* CLF*	07 1557-1605 GUI
30 01 21	A: SPT GNA* CNB B: VAL CLF HRB EBR GUI C: NGK DOU BDV NAG GCK HYB	
REPORTING OBSERVATORIES (up to 30/09/2009) :		
LER ESK NGK VAL HAD DOU BDV CLF HRB NAG GCK MMB EBR SPT KAK KNY GUI HYB GNA CNB		

	FIVE INTERNATIONAL QUIETEST DAYS					FIVE INTERNATIONAL MOST DISTURBED DAYS				
August 2009	16	24	15	29	17	30	6*	20*	19*	21*

AUGUST 2009		Geomagnetic Indices (provisional)												Daily Average and Sum				
	aa				quiet days	am and Km for each three hour interval								Daily Average and Sum				
	N	S	am	pm		D	1	2	3	4	5	6	7	8	Am	Σ Km	Ap	Σ Kp
1	9	6	6	9	7	CC	1 0o	8 1+	5 1-	10 1+	7 1o	11 2-	6 1o	5 1-	7	8-	3	6o
2	8	3	2	9	5	CC	4 1-	5 1-	1 0o	3 0+	3 0+	1 0o	4 1-	13 2-	4	4+	3	5o
3	15	9	14	10	12	CC	19 2+	16 2o	15 2o	13 2-	7 1o	6 1o	8 1+	3 0+	11	12-	6	13-
4	7	8	8	8	8	CC	6 1o	10 1+	6 1o	3 0+	6 1o	5 1-	9 1+	7 1o	7	8-	3	6+
5	11	12	13	10	11	C	7 1o	9 1+	12 2-	21 3-	13 2-	3 0+	2 0+	9 1+	10	10+	5	11-
6	28	17	28	17	23		13 2-	22 3-	50 4-	12 2-	14 2o	12 2-	10 1+	11 2-	18	16+	10	18o
7	14	12	10	16	13	CK	14 2o	14 2o	8 1+	14 2o	11 2-	14 2o	14 2o	25 3-	14	16-	7	14-
8	7	5	6	5	6	CC	10 1+	10 1+	1 0o	2 0+	3 0+	6 1o	3 0+	1 0o	5	5-	3	6-
9	15	11	17	9	13	CC	12 2-	18 2+	20 2+	18 2+	10 1+	3 0+	6 1o	7 1o	12	12+	6	12o
10	9	5	5	9	7	CC	15 2o	1 0o	1 0o	1 0o	4 1-	5 1-	6 1o	2 0+	4	5-	3	6o
11	7	5	4	7	6	CC	3 0+	4 1-	4 1-	5 1-	2 0+	5 1-	6 1o	8 1+	5	6-	3	5o
12	8	6	6	8	7	CC	4 1-	6 1o	8 1+	8 1+	13 2-	2 0+	3 0+	8 1+	7	8o	4	8o
13	7	5	6	7	6	CC	14 2o	7 1o	8 1+	8 1+	7 1o	2 0+	4 1-	3 0+	7	8o	4	7o
14	7	2	4	5	4	CC	1 0o	7 1o	7 1o	2 0+	1 0o	1 0o	1 0o	6 1o	3	3+	2	4o
15	4	3	4	4	4	CC*	4 1-	1 0o	8 1+	1 0o	2 0+	1 0o	0 0o	0 0o	2	2+	1	2+
16	4	2	3	4	3	CC*	3 0+	2 0+	2 0+	2 0+	2 0+	0 0o	1 0o	3 0+	2	2o	2	3-
17	6	2	2	6	4	CC*	2 0+	3 0+	1 0o	3 0+	4 1-	4 1-	4 1-	3 0+	3	3+	2	3+
18	6	3	4	4	4	CC	5 1-	6 1o	4 1-	2 0+	1 0o	2 0+	5 1-	8 1+	4	5o	3	5-
19	15	19	10	24	17		5 1-	3 0+	6 1o	19 2+	30 3o	20 2+	23 3-	30 3o	17	15+	8	14+
20	23	21	30	14	22		34 3+	45 4-	23 3-	18 2+	12 2-	6 1o	11 2-	21 3-	21	19o	10	17+
21	16	18	13	20	17		11 2-	6 1o	25 3-	15 2o	19 2+	19 2+	9 1+	14 2o	15	15+	7	14+
22	8	11	10	9	10	CK	7 1o	24 3-	6 1o	9 1+	8 1+	3 0+	9 1+	6 1o	9	10o	4	9o
23	10	8	10	8	9	CC	9 1+	19 2+	10 1+	5 1-	2 0+	6 1o	3 0+	4 1-	7	8o	4	8+
24	4	3	4	4	4	CC*	7 1o	4 1-	1 0o	1 0o	1 0o	2 0+	1 0o	1 0o	2	2o	2	3-
25	6	5	4	7	5	CC	2 0+	6 1o	1 0o	2 0+	3 0+	4 1-	1 0o	5 1-	3	3+	2	4o
26	7	5	9	4	6	CC	12 2-	8 1+	13 2-	7 1o	2 0+	2 0+	0 0o	2 0+	6	7-	3	7-
27	14	12	7	18	13	KK	4 1-	9 1+	4 1-	6 1o	9 1+	20 2+	22 3-	7 1o	10	11o	6	11o
28	6	3	4	4	4	CK	7 1o	8 1+	2 0+	1 0o	1 0o	2 0+	2 0+	3 0+	3	4-	2	3+
29	3	2	3	2	2	CC*	1 0o	3 0+	8 1+	3 0+	2 0+	2 0+	1 0o	1 0o	3	3-	2	3o
30	38	37	19	56	37		14 2o	11 2-	31 3o	21 3-	21 3-	84 5-	41 4-	30 3o	32	23+	20	24+
31	11	8	9	10	10	C	14 2o	8 1+	10 1+	7 1o	11 2-	8 1+	7 1o	3 0+	9	10o	5	11+

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



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

