

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

JUNE 2009

SSC - Storm Sudden Commencements

SFE - Solar Flare Effects

20 04 51 A: GNA* CNB*
 B: GUI
 C: NGK* BDV* NAG* SPT HYB

06 0648-0701 NAG

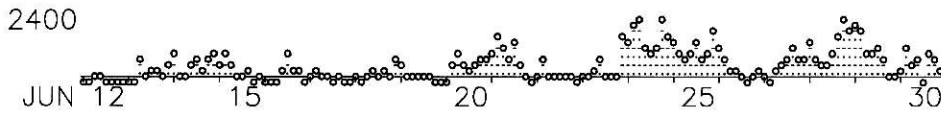
REPORTING OBSERVATORIES (up to 03/08/2009) :

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

	FIVE INTERNATIONAL QUIETEST DAYS					FIVE INTERNATIONAL MOST DISTURBED DAYS				
June 2009	12	1	17	9	22	24*	28*	29*	21*	25*

JUNE 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	2	4	4	4	CC*	3 0+	4 1-	2 0+	1 0o	2 0+	1 0o	2 0+	2 0+	2	2+	2	3o
2	5	3	2	6	4	CC	3 0+	1 0o	1 0o	4 1-	2 0+	3 0+	3 0+	6 1o	3	3o	2	4o
3	11	6	4	13	8	CC	6 1o	1 0o	0 0o	4 1-	3 0+	14 2o	14 2o	11 2-	7	8-	4	9-
4	12	8	10	10	10	CC	4 1-	24 3-	10 1+	7 1o	6 1o	7 1o	3 0+	16 2o	10	10o	5	9+
5	9	8	8	9	8	CC	7 1o	7 1o	12 2-	19 2+	10 1+	8 1+	3 0+	7 1o	9	10o	4	9+
6	6	6	6	6	6	CC	5 1-	8 1+	9 1+	2 0+	5 1-	1 0o	4 1-	3 0+	5	5+	3	6o
7	13	6	8	12	10	CC	2 0+	3 0+	7 1o	9 1+	7 1o	11 2-	9 1+	9 1+	7	8+	4	9o
8	6	3	4	4	4	CC	8 1+	6 1o	3 0+	3 0+	2 0+	3 0+	2 0+	1 0o	4	4o	3	5o
9	5	5	3	7	5	CC*	0 0o	0 0o	0 0o	5 1-	4 1-	4 1-	1 0o	3 0+	2	2+	2	3o
10	9	5	9	5	7	CC	5 1-	6 1o	12 2-	3 0+	5 1-	3 0+	1 0o	1 0o	5	5-	3	6o
11	6	2	4	4	4	CC	4 1-	3 0+	1 0o	3 0+	0 0o	3 0+	2 0+	3 0+	2	2+	3	4+
12	3	2	3	2	2	CC*	1 0o	0 0o	2 0+	2 0+	1 0o	1 0o	1 0o	0 0o	1	1-	1	2-
13	8	5	5	8	6	CC	0 0o	1 0o	9 1+	3 0+	4 1-	5 1-	3 0+	7 1o	4	4+	3	6-
14	12	8	9	11	10	CC	12 2-	2 0+	2 0+	7 1o	10 1+	5 1-	10 1+	11 2-	7	8+	5	10-
15	8	6	9	5	7	CC	6 1o	11 2-	7 1o	3 0+	3 0+	5 1-	1 0o	2 0+	5	5+	3	5+
16	9	4	3	10	6	CC	0 0o	0 0o	1 0o	4 1-	12 2-	5 1-	4 1-	1 0o	3	4-	2	5-
17	7	2	5	5	5	CC*	2 0+	4 1-	3 0+	2 0+	1 0o	3 0+	1 0o	1 0o	2	2o	2	3o
18	8	3	4	7	6	CC	2 0+	1 0o	2 0+	4 1-	2 0+	4 1-	3 0+	9 1+	3	4o	3	6-
19	6	2	4	4	4	CC	7 1o	2 0+	2 0+	2 0+	3 0+	2 0+	1 0o	1 0o	3	3-	2	3+
20	10	6	9	8	8	CC	0 0o	7 1o	12 2-	7 1o	5 1-	6 1o	10 1+	8 1+	7	8o	4	9o
21	17	10	16	11	13	KC	13 2-	22 3-	16 2o	10 1+	19 2+	6 1o	3 0+	1 0o	11	11+	6	12-
22	7	2	4	5	5	CC*	3 0+	8 1+	2 0+	3 0+	2 0+	3 0+	2 0+	1 0o	3	3+	2	4o
23	10	5	4	11	8	C	2 0+	2 0+	4 1-	9 1+	2 0+	3 0+	3 0+	25 3-	6	6+	5	7+
24	36	28	34	30	32		20 2+	37 3+	46 4-	16 2o	11 2-	16 2o	46 4-	22 3-	27	21+	16	22+
25	15	14	10	19	15		17 2+	11 2-	9 1+	11 2-	20 2+	9 1+	11 2-	27 3o	14	15+	6	12+
26	7	5	7	5	6	CC	15 2o	8 1+	4 1-	4 1-	2 0+	1 0o	3 0+	5 1-	5	6o	3	5o
27	11	7	4	14	9	CC	2 0+	1 0o	4 1-	6 1o	10 1+	15 2o	10 1+	9 1+	7	8o	4	9-
28	21	24	10	35	23		17 2+	10 1+	7 1o	6 1o	11 2-	25 3-	46 4-	31 3o	19	17-	10	17-
29	17	14	17	14	15		38 3+	30 3o	11 2-	13 2-	16 2o	10 1+	3 0+	2 0+	15	14-	7	13o
30	8	9	9	8	9	CC	4 1-	16 2o	7 1o	8 1+	1 0o	12 2-	8 1+	4 1-	8	9-	4	8-

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



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

