

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**

**JULY 2006**

**SSC - Storm Sudden Commencements**

**SFE - Solar Flare Effects**

09 21 36 A: VAL HRB NAG\* SPT GNA CNB\*  
 B: DOU  
 C: NGK\* BDV\* GCK EBR  
 B: HYB

03 0551-0600 NAG  
 09 2136-2152 GUI  
 24 0837-0847 NAG

SI: CLF

27 13 53 A: NAG\* HYB GNA CNB  
 B: SOD\* DOU HRB SPT\* GUI  
 C: NGK\* VAL BDV\* CLF GCK\* MMB  
 EBR\* KAK KNY

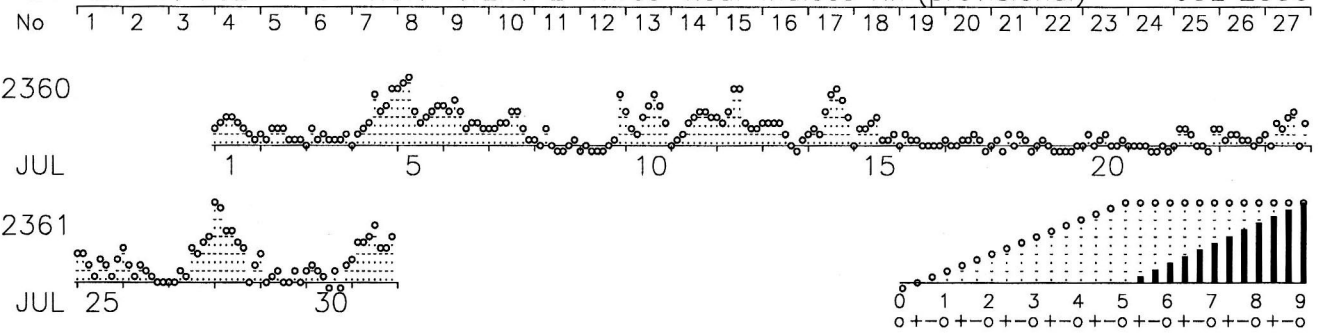
REPORTING OBSERVATORIES (up to 04/09/2006) :

SOD NUR NGK VAL DOU BDV CLF HRB NAG GCK MMB EBR SPT KAK KNY GUI HYB GNA CNB

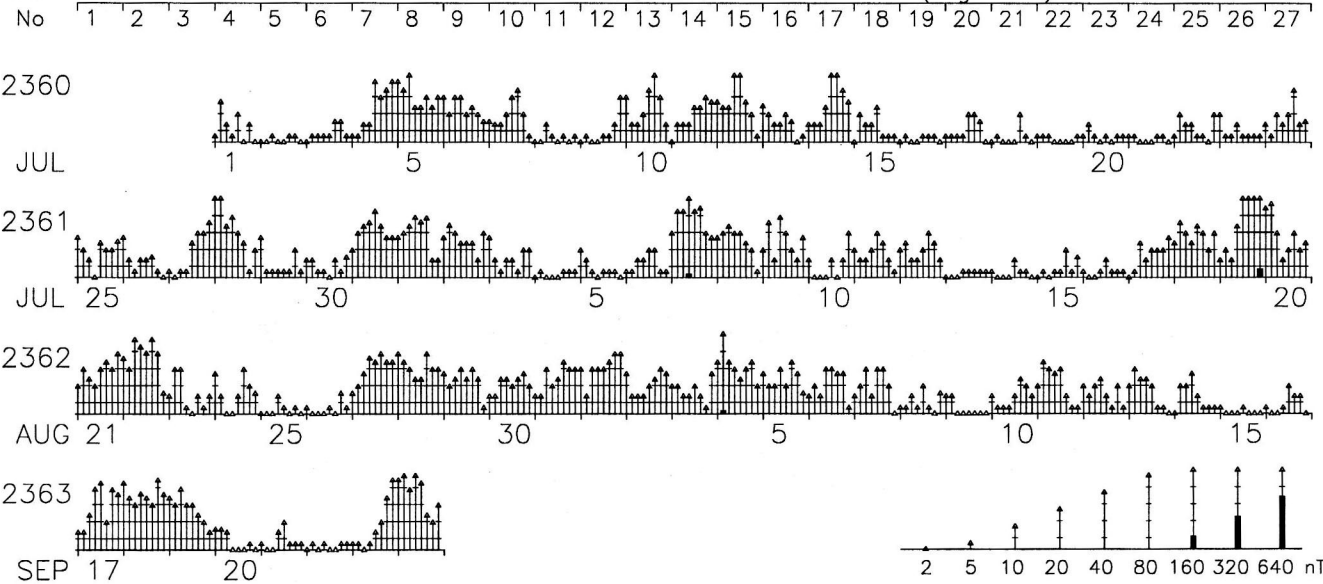
	FIVE INTERNATIONAL QUIETEST DAYS					FIVE INTERNATIONAL MOST DISTURBED DAYS				
<b>July 2006</b>	21	2	18	19	8	28	5*	31*	14*	12*

JULY 2006		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	7	10	6	8	CK	9 1+	12 2-	14 2o	14 2o	13 2-	9 1+	6 1o	5 1-	10	12-	4	7o
2	4	2	3	4	3	CC *	7 1o	5 1-	10 1+	8 1+	8 1+	5 1-	4 1-	4 1-	6	8-	2	3-
3	8	3	4	7	6	CC	3 0+	10 1+	5 1-	7 1o	4 1-	4 1-	5 1-	6 1o	6	6+	2	4+
4	26	17	7	37	22		3 0+	7 1o	8 1+	12 2-	40 3+	19 2+	26 3-	50 4-	21	16+	12	18-
5	32	26	38	20	29		44 4-	56 4o	61 4+	19 2+	13 2-	16 2o	18 2+	25 3-	32	23o	19	25-
6	16	18	21	12	17		26 3-	18 2+	27 3o	18 2+	9 1+	13 2-	12 2-	10 1+	17	16+	8	15+
7	14	14	9	18	14	K	9 1+	8 1+	12 2-	11 2-	18 2+	18 2+	8 1+	4 1-	11	13-	6	12-
8	4	4	4	4	4	CK *	4 1-	3 0+	9 1+	3 0+	0 0o	0 0o	3 0+	5 1-	3	4-	2	4o
9	8	6	3	11	7	CC	1 0o	2 0+	1 0o	1 0o	1 0o	2 0+	5 1-	34 3+	6	5-	4	6o
10	24	20	13	31	22		20 2+	10 1+	7 1o	15 2o	21 3-	37 3+	26 3-	11 2-	18	17o	10	17o
11	15	10	7	19	13	C	2 0+	4 1-	7 1o	12 2-	16 2o	18 2+	20 2+	14 2o	12	12+	6	12o
12	29	22	28	24	26		15 2o	13 2-	20 2+	42 4-	45 4-	12 2-	9 1+	8 1+	21	18-	12	19o
13	12	6	11	7	9	CK	11 2-	12 2-	11 2-	11 2-	7 1o	3 0+	1 0o	4 1-	8	9-	5	10-
14	27	25	10	43	26		7 1o	9 1+	6 1o	18 2+	38 3+	41 4-	33 3o	14 2o	21	18-	13	19-
15	9	6	8	8	8	C	2 0+	9 1+	9 1+	11 2-	15 2o	4 1-	4 1-	6 1o	8	9o	4	9-
16	5	2	3	4	4	CC	2 0+	7 1o	4 1-	4 1-	2 0+	3 0+	2 0+	2 0+	3	4o	3	5o
17	9	5	5	9	7	CC	4 1-	3 0+	2 0+	5 1-	5 1-	6 1o	5 1-	1 0o	4	4+	3	6-
18	5	3	3	5	4	CC *	2 0+	5 1-	0 0o	6 1o	3 0+	7 1o	4 1-	1 0o	4	4o	2	4-
19	5	2	4	3	4	CC *	2 0+	4 1-	2 0+	1 0o	0 0o	1 0o	1 0o	3 0+	2	2-	2	3o
20	6	3	5	4	5	CC	3 0+	6 1o	2 0+	4 1-	6 1o	3 0+	3 0+	5 1-	4	5-	3	4+
21	5	2	4	4	4	CC *	3 0+	2 0+	2 0+	2 0+	1 0o	0 0o	2 0+	0 0o	2	2-	2	2+
22	9	5	8	6	7	CC	2 0+	9 1+	10 1+	7 1o	2 0+	2 0+	1 0o	10 1+	5	6o	4	7o
23	8	5	8	5	6	CC	8 1+	5 1-	7 1o	7 1o	4 1-	4 1-	3 0+	5 1-	5	6+	4	7o
24	13	11	8	15	12	KC	6 1o	3 0+	12 2-	10 1+	14 2o	19 2+	3 0+	12 2-	10	11-	5	11-
25	17	8	11	14	12	CK	16 2o	16 2o	9 1+	4 1-	12 2-	8 1+	5 1-	12 2-	10	11+	6	12+
26	11	5	10	6	8	CC	20 2+	9 1+	5 1-	10 1+	6 1o	4 1-	2 0+	3 0+	7	8o	4	8o
27	20	9	4	25	15		3 0+	2 0+	6 1o	5 1-	18 2+	15 2o	22 3-	32 3o	13	12+	8	13o
28	40	45	71	14	42		103 5o	81 5-	35 3+	39 3+	21 3-	17 2+	3 0+	9 1+	39	23o	25	24+
29	11	5	9	7	8	CC	14 2o	3 0+	5 1-	6 1o	3 0+	2 0+	7 1o	3 0+	5	6o	4	8o
30	7	5	7	6	6	CK	7 1o	10 1+	7 1o	5 1-	1 0o	7 1o	1 0o	9 1+	6	6+	4	7o
31	36	23	26	33	30		11 2-	22 3-	26 3-	33 3o	48 4-	19 2+	17 2+	29 3o	26	21+	14	22+

ROT DAY IN SOLAR ROTATION INTERVAL Three-hour indices Km(provisional) JUL 2006



ROT DAY IN SOLAR ROTATION INTERVAL Three-hour indices aa (logscale) JUL-SEP 2006



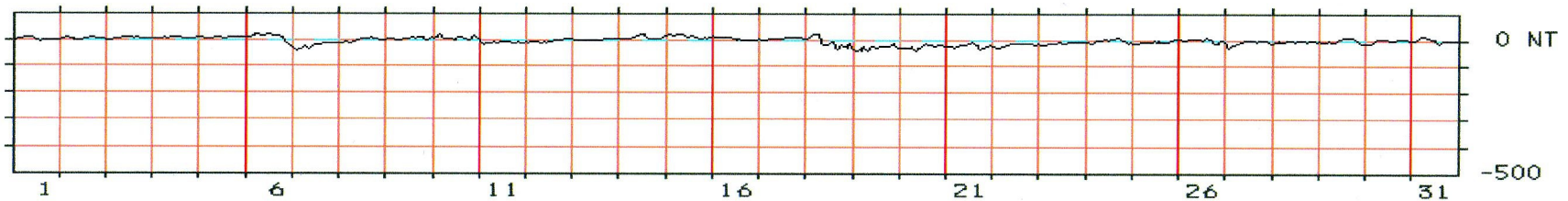
HOURLY EQUATORIAL DST VALUES (PROVISIONAL) - March 2006 -

Unit=nT

DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
1	0	-2	1	4	3	9	10	8	7	6	2	-4	-4	-8	-3	-3	-2	-3	-2	-1	-4	-5	-4	-2
2	1	3	6	7	4	2	2	0	-3	-3	-3	-1	3	5	5	6	6	6	5	2	1	2	1	0
3	-1	-2	0	1	3	3	5	7	7	7	7	6	6	5	5	6	6	4	4	5	5	5	4	4
4	2	4	4	5	5	6	3	3	7	7	7	8	9	8	5	3	3	5	5	5	5	5	6	6
5	6	6	5	3	4	4	5	6	6	6	6	5	5	4	6	7	7	8	8	8	8	8	10	11
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14	1	1	2	3	3	5	7	8	12	15	19	19	17	10	4	2	1	1	2	3	5	9	12	12
15	18	17	14	14	20	21	19	17	19	12	7	10	15	12	7	7	4	3	3	6	4	6	9	12
16	10	8	8	7	6	7	8	8	8	5	2	1	0	1	-1	-2	-1	-3	-1	-1	-3	-2	0	1
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27	-16	-28	-23	-22	-18	-14	-12	-11	-6	-3	-2	-2	0	-1	-1	-7	-5	-3	-2	-3	-5	-6	-12	-14
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31	-1	-1	3	8	12	14	12	8	7	5	5	1	-8	-13	-9	-3	0	-1	-4	-4	-2	-3	-5	-6

DST  
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*HOURLY EQUATORIAL DST VALUES (PROVISIONAL) - April 2006 -*

Unit=nT

DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
1	-2	-4	-4	-4	-1	0	1	0	-2	0	-1	-1	3	4	2	2	2	4	4	4	3	3	3	3
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6	-35	-32	-28	-32	-43	-54	-55	-45	-36	-40	-42	-39	-32	-27	-27	-26	-25	-24	-24	-27	-29	-30	-27	-20
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