

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 2005

SSC - Storm Sudden Commencements

SFE - Solar Flare Effects

10 03 37 B: LER* ESK HAD* HYB*
 C: NGK* BDV* CLF EBR SPT

13 05 12 A: VAL HYB
 C: LER ESK HAD CLF* EBR

17 01 34 B: LER* ESK* HAD* HYB
 C: NGK* BDV* CLF* NAG*

27 19 39 C: NGK BDV GCK* EBR HYB

SI: LER ESK HAD*

14 0723-0735 MMB+ KAK+ KNY+
 14 2250-2305 MMB+ KAK+
 16 1656-1712 GUI

REPORTING OBSERVATORIES (up to 02/09/2005) :

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

FIVE INTERNATIONAL QUIETEST DAYS

FIVE INTERNATIONAL MOST DISTURBED DAYS

July 2005

6 24 5 25 8

10 12 13 9 28

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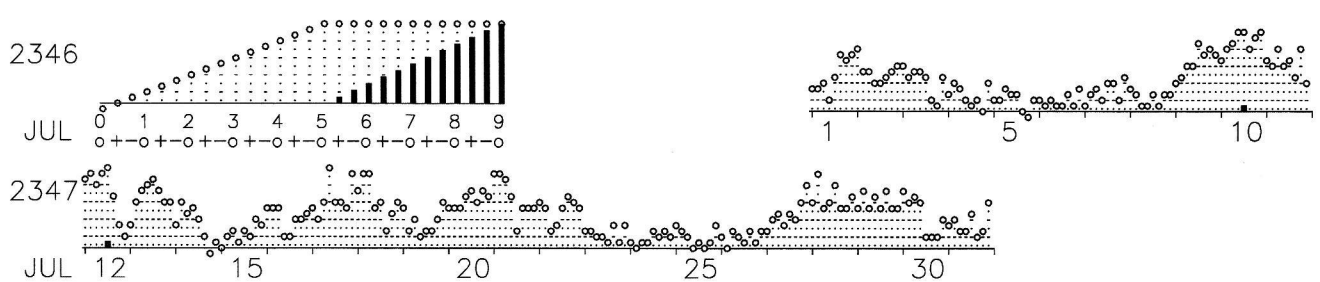
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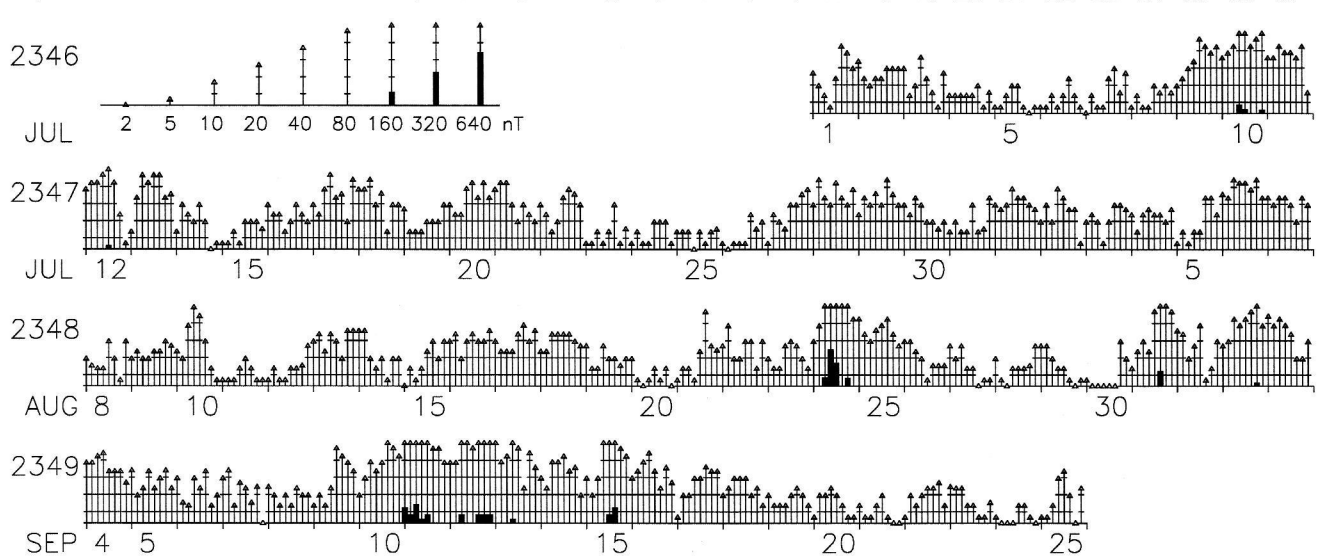
Web : <http://www.cetp.ipsl.fr/~isgi/homepag1.htm>

JULY 2005		Geomagnetic Indices (provisional)												Daily Average and Sum				
	aa				D	quiet days	am and Km for each three hour interval								Am Σ Km		Ap Σ Kp	
	N	S	am	pm			1	2	3	4	5	6	7	8	Am	Σ Km	Ap	Σ Kp
1	28	19	11	36	24		13 2-	12 2-	14 2o	7 1o	19 2+	45 4-	38 3+	46 4-	24	19+	14	20+
2	24	17	19	22	21		57 4o	21 3-	21 3-	16 2o	14 2o	17 2+	22 3-	27 3o	24	21+	12	21-
3	17	16	21	13	17		28 3o	17 2+	21 3-	25 3-	17 2+	7 1o	5 1-	17 2+	17	17o	7	15o
4	10	7	8	9	8	CC	10 1+	15 2o	11 2-	7 1o	4 1-	7 1o	3 0+	14 2o	9	10o	4	9-
5	9	5	8	6	7	CC*	7 1o	6 1o	11 2-	10 1+	10 1+	3 0+	0 0o	7 1o	7	8-	4	7+
6	8	7	6	9	8	CC*	6 1o	5 1-	7 1o	5 1-	4 1-	8 1+	4 1-	11 2-	6	8-	4	7o
7	14	8	5	17	11	CC	4 1-	8 1+	11 2-	7 1o	15 2o	16 2o	7 1o	20 2+	11	12o	6	13-
8	10	6	6	11	8	C*	11 2-	8 1+	5 1-	4 1-	9 1+	5 1-	8 1+	10 1+	8	9o	4	8-
9	50	32	21	61	41		16 2o	17 2+	32 3o	31 3o	64 4+	50 4-	51 4o	44 4-	38	26o	24	28+
10	83	79	70	93	81		34 3+	54 4o	67 4+	94 5o	117 5+	56 4o	73 5-	96 5o	74	36-	57	42-
11	46	36	45	38	41		35 3+	33 3o	53 4o	31 3o	34 3+	19 2+	60 4o	15 2o	35	25o	21	27+
12	52	58	61	49	55		63 4+	78 5-	55 4o	74 5-	111 5+	38 3+	13 2-	6 1o	55	29o	40	33+
13	61	41	45	57	51		13 2-	32 3o	43 4-	54 4o	65 4+	48 4-	27 3o	33 3o	39	26+	31	31+
14	14	12	15	11	13	K	12 2-	32 3o	20 2+	21 3-	14 2o	7 1o	1 0o	4 1-	14	13+	6	13-
15	11	6	6	11	9	CC	2 0+	6 1o	8 1+	5 1-	8 1+	7 1o	14 2o	13 2-	8	9+	4	9+
16	19	13	16	16	16		24 3-	21 3-	21 3-	7 1o	6 1o	16 2o	15 2o	17 2+	16	16+	8	17-
17	44	34	42	37	39		25 3-	15 2o	27 3o	90 5o	28 3o	31 3o	21 3-	73 5-	39	26o	22	27-
18	31	38	45	24	34		44 4-	73 5-	79 5-	23 3-	31 3o	8 1+	17 2+	30 3o	38	25+	24	27-
19	16	10	11	15	13	C	26 3-	10 1+	14 2o	7 1o	10 1+	9 1+	14 2o	28 3o	15	15-	7	14o
20	34	37	26	46	36		23 3-	21 3-	24 3-	40 3+	47 4-	27 3o	42 4-	35 3+	32	25o	20	27-
21	34	29	47	16	31		72 5-	73 5-	63 4+	34 3+	9 1+	23 3-	22 3-	21 3-	40	26+	21	26-
22	30	19	15	35	25		29 3o	26 3-	9 1+	11 2-	24 3-	35 3+	30 3o	24 3-	24	20+	12	20+
23	10	7	6	12	9	C	9 1+	8 1+	7 1o	6 1o	5 1-	12 2-	4 1-	11 2-	8	9+	4	9-
24	10	6	6	10	8	CC*	4 1-	3 0+	5 1-	4 1-	8 1+	7 1o	10 1+	6 1o	6	7o	4	7-
25	8	6	7	8	7	CC*	11 2-	9 1+	7 1o	3 0+	5 1-	3 0+	5 1-	12 2-	7	8-	4	7+
26	9	6	4	11	7	CC	7 1o	3 0+	9 1+	7 1o	4 1-	8 1+	5 1-	10 1+	7	8-	4	8o
27	27	17	11	33	22		8 1+	15 2o	20 2+	11 2-	19 2+	16 2o	31 3o	54 4o	22	19-	14	19+
28	45	32	37	40	38		29 3o	81 5-	26 3-	27 3o	60 4o	23 3-	26 3-	35 3+	38	26o	23	28-
29	40	26	28	38	33		24 3-	42 4-	24 3-	35 3+	22 3-	42 4-	23 3-	26 3-	30	24o	17	25o
30	20	15	24	11	18		45 4-	28 3o	36 3+	28 3o	7 1o	7 1o	7 1o	14 2o	22	18o	10	18-
31	16	11	9	18	14		13 2-	14 2o	10 1+	9 1+	18 2+	7 1o	9 1+	32 3o	14	14o	8	15-

ROT DAY IN SOLAR ROTATION INTERVAL Three-hour indices Km (provisional) JUL 2005



ROT DAY IN SOLAR ROTATION INTERVAL Three-hour indices aa (logscale) JUL-SEP 2005



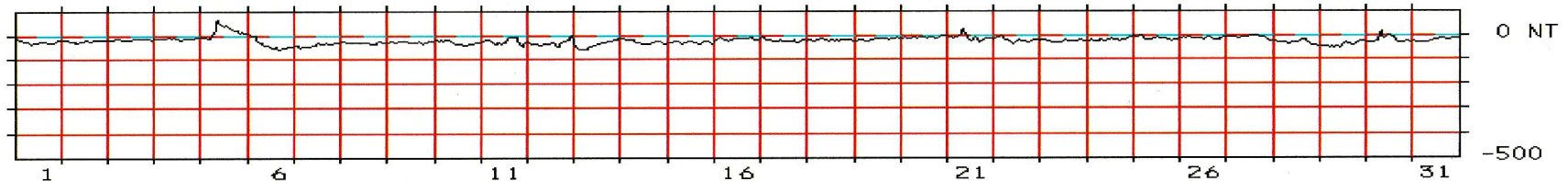
HOURLY EQUATORIAL DST VALUES (PROVISIONAL) - December 2004 -

Unit=nT

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DAY																								
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DST
PROVISIONAL
2004
DEC

NOG-02 KYOTO

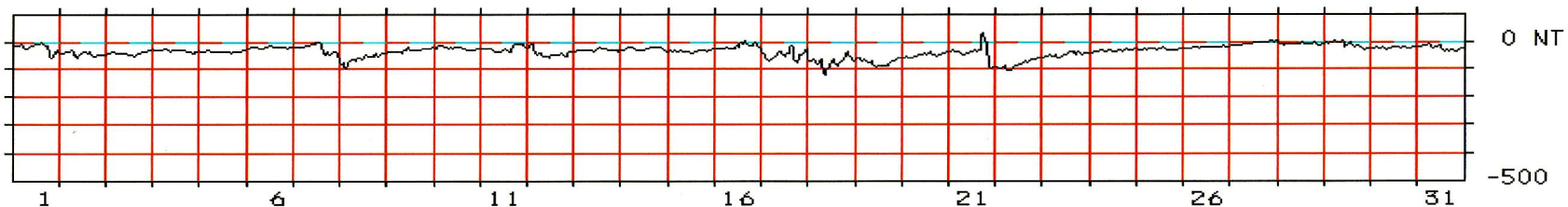


HOURLY EQUATORIAL DST VALUES (PROVISIONAL) - January 2005 -

Unit=nT

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DST
PROVISIONAL
2005
JAN
RDC-02 KYOTO



HOURLY EQUATORIAL DST VALUES (PROVISIONAL) - February 2005 -

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	-33	-32	-31	-30	-28	-28	-28	-28	-27	-26	-22	-28	-30	-30	-29	-28	-28	-27	-22	-18	-19	-21	-24	-24
2	-27	-28	-27	-25	-27	-24	-26	-26	-20	-17	-16	-12	-12	-16	-22	-24	-27	-21	-14	-11	-17	-17	-18	-19
3	-19	-18	-20	-22	-25	-27	-28	-31	-34	-26	-21	-20	-20	-22	-24	-25	-23	-20	-19	-17	-18	-18	-19	-19
4	-20	-19	-21	-19	-18	-16	-14	-14	-14	-12	-15	-18	-19	-21	-22	-16	-19	-19	-17	-19	-21	-22	-22	-22
5	-19	-19	-18	-16	-13	-13	-15	-13	-12	-12	-12	-13	-14	-8	-6	-8	-10	-10	-8	-3	0	2	2	1
6	0	-4	-8	-11	-11	-12	-19	-28	-22	-14	-8	-10	-11	-13	-14	-14	-16	-20	-20	-15	-13	-12	-17	-17
7	-19	-18	-20	-22	-26	-25	-23	-22	-10	-7	-10	-11	-12	-23	-37	-39	-35	-33	-30	-40	-49	-62	-57	-49
8	-51	-44	-40	-49	-46	-45	-45	-47	-45	-40	-42	-36	-35	-39	-42	-45	-40	-43	-38	-39	-42	-41	-37	-37
9	-34	-32	-26	-29	-33	-30	-44	-45	-40	-39	-41	-43	-42	-36	-37	-42	-39	-38	-35	-29	-29	-32	-37	-40
10	-36	-33	-33	-37	-36	-34	-31	-34	-35	-37	-39	-37	-31	-34	-28	-29	-31	-29	-26	-15	-22	-25	-22	-18
11	-14	-13	-18	-24	-28	-25	-26	-27	-28	-28	-28	-27	-29	-30	-29	-29	-28	-30	-31	-27	-26	-26	-26	-27
12	-25	-23	-25	-27	-25	-23	-23	-25	-26	-25	-24	-25	-23	-22	-18	-20	-22	-23	-19	-16	-16	-15	-14	-13
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14	-12	-10	-9	-8	-6	-2	-3	-11	-10	-13	-16	-17	-19	-19	-17	-15	-13	-14	-20	-22	-25	-23	-24	-23
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16	-8	-10	-3	-9	-7	-6	-8	-10	-7	-7	-1	1	-13	-24	-35	-41	-49	-55	-54	-44	-41	-32	-32	-33
17	-24	-22	-23	-28	-29	-25	-24	-24	-21	-19	-17	-19	-20	-20	-18	-17	-23	-20	-18	-15	-20	-24	-20	-19
18	-46	-80	-86	-78	-75	-69	-67	-63	-51	-49	-54	-56	-48	-44	-51	-53	-45	-47	-41	-37	-42	-41	-41	-42
19	-41	-40	-39	-38	-38	-28	-27	-43	-40	-38	-35	-35	-39	-46	-46	-43	-35	-37	-36	-33	-31	-33	-31	-32
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21	-38	-41	-46	-48	-48	-45	-46	-47	-45	-40	-37	-35	-34	-34	-34	-35	-32	-29	-23	-20	-21	-22	-23	-21
22	-17	-14	-10	-10	-10	-8	-11	-14	-11	-9	-9	-12	-11	-10	-10	-12	-8	-10	-11	-12	-12	-10	-12	-11
23	-8	-4	-4	-3	-3	-2	-2	3	3	-1	-2	2	7	8	8	4	6	7	5	8	14	5	5	6
24	7	10	10	8	5	3	3	3	3	3	-1	-2	-6	-12	-4	0	0	2	1	3	0	-1	-5	-9
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