FEDERATION DES SERVICES D'ANALYSE DE DONNEES ASTRONOMIQUES ET GEOPHYSIQUES
FEDERATION OF ASTRONOMICAL AND GEOPHYSICAL DATA ANALYSIS SERVICES
SERVICE INTERNATIONAL DES INDICES GEOMAGNETIQUES
INTERNATIONAL SERVICE OF GEOMAGNETIC INDICES

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Bureau des Publications SIIG - Bulletin Mensuel n°10-05 - Octobre 2005
ISGI Publications Office Monthly Bulletin n°10-05- October 2005

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Explanations about published data are given in Special Issue 1994 of ISGI Monthly Bulletin.

Ce Bulletin est adressé gracieusement aux Scientifiques intéressés, grâce à une dotation du FAGS et au soutien du laboratoire d'accueil, le CETP, et des organismes français de Recherche Scientifique (CNRS, INSU, BCMT).
Nous remercions aussi tout particulièrement les collaborateurs du Bulletin (cités ci-dessous) qui nous fournissent les données à diffuser dans des délais aussi brefs que possible.

This Bulletin is freely offered to interested Scientists thanks to a dotation from FAGS, and to the support of the hosting laboratory CETP and of French Organisations of Scientific Research (CNRS, INSU, BCMT).
Special thanks are due to contributors (quoted below) for providing the here published geomagnetic data within shortly possible delay.

PRELIMINARY REPORT ON RAPID VARIATIONS	***OCTOBER 2005***
SSC - Storm Sudden Commencements	**SFE - Solar Flare Effects**
27 11 56 B: LER ESK HAD* C: CLF	14 0927-0935 NAG 21 1013-1022 NAG 31 1304-1318 GUI
REPORTING OBSERVATORIES *(up to 02/12/2005)* :	
SOD NUR LER ESK 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**				
October 2005	15	12	23	20	14	8	25	31*	2*	17*

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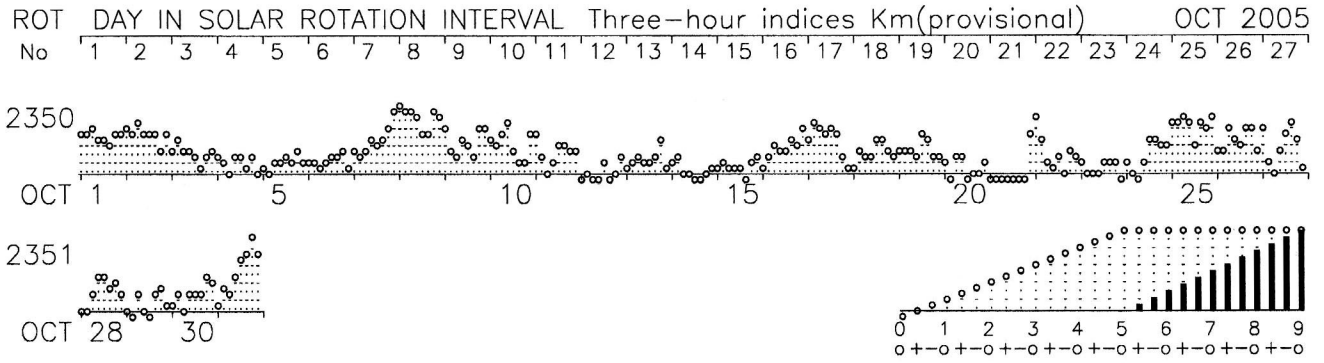
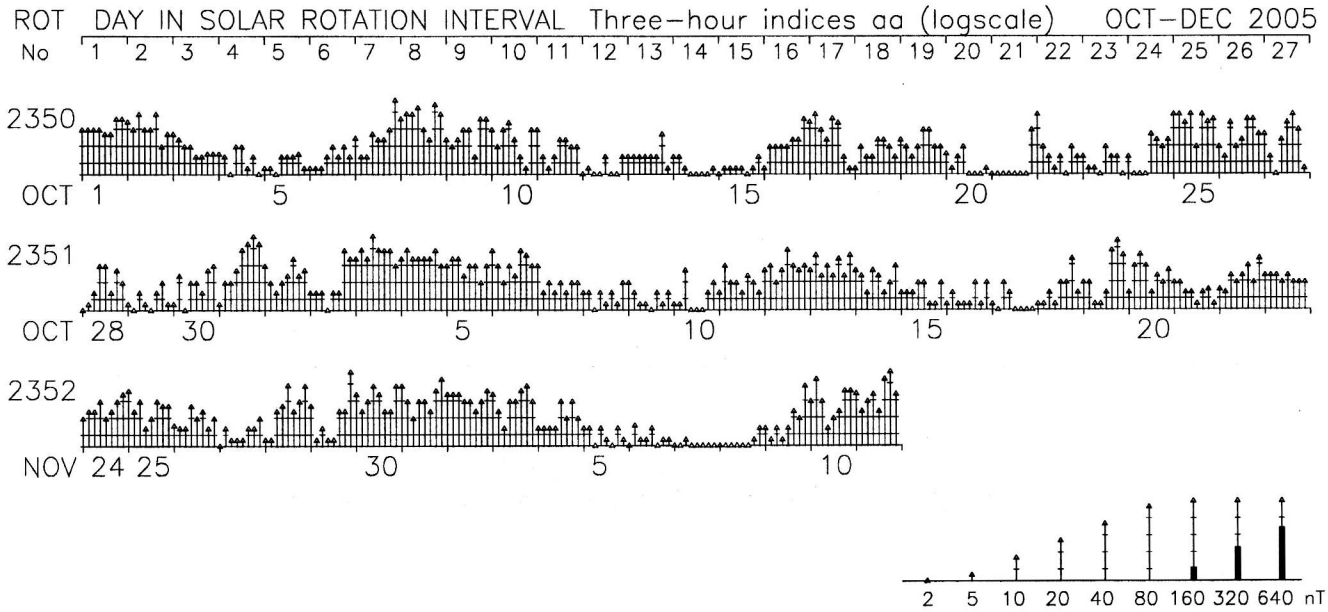
OCTOBER 2005	Geomagnetic Indices *(provisional)*															Daily Average and Sum			
	aa					quiet	**am** and ***Km*** for each three hour interval												
	N	S	am	pm	D	days	1	2	3	4	5	6	7	8	Am	Σ Km	Ap	Σ Kp
1	30	22	24	29	26		24 *3-*	26 *3-*	27 *3o*	17 *2+*	20 *2+*	16 *2o*	24 *3-*	26 *3-*	23	20+	13	22-
2	36	21	32	25	28		33 *3o*	25 *3-*	34 *3+*	23 *3-*	21 *3-*	26 *3-*	12 *2-*	22 *3-*	25	21+	15	23o
3	15	9	15	9	12	C	13 *2-*	19 *2+*	13 *2-*	13 *2-*	8 *1+*	5 *1-*	9 *1+*	11 *2-*	11	12+	7	13+
4	7	8	8	7	7	C C	8 *1+*	7 *1o*	2 *0+*	8 *1+*	9 *1+*	5 *1-*	9 *1+*	2 *0+*	6	8-	3	6+
5	8	5	5	8	6	C C	4 *1-*	3 *0+*	6 *1o*	7 *1o*	8 *1+*	6 *1o*	11 *2-*	7 *1o*	7	8o	4	7-
6	9	7	6	10	8	C C	6 *1o*	6 *1o*	5 *1-*	7 *1o*	9 *1+*	10 *1+*	13 *2-*	4 *1-*	8	9-	4	8o
7	25	22	13	34	24		11 *2-*	9 *1+*	11 *2-*	19 *2+*	16 *2o*	20 *2+*	33 *3o*	54 *4o*	22	18+	12	19o
8	52	33	47	38	42		66 *4+*	51 *4o*	59 *4o*	47 *4-*	23 *3-*	22 *3-*	53 *4o*	50 *4-*	46	29o	26	30+
9	25	18	17	27	22		27 *3o*	11 *2-*	10 *1+*	20 *2+*	14 *2o*	8 *1+*	32 *3o*	32 *3o*	19	18-	10	18o
10	22	14	23	13	18		18 *2+*	14 *2o*	26 *3-*	34 *3+*	13 *2-*	7 *1o*	7 *1o*	24 *3-*	18	17-	10	17o
11	15	10	11	14	13	C C	24 *3-*	10 *1+*	2 *0+*	6 *1o*	14 *2o*	14 *2o*	13 *2-*	12 *2-*	12	13-	7	13+
12	4	5	3	5	4	C C *	1 *0o*	2 *0+*	1 *0o*	*0o*	6 *1o*	1 *0o*	2 *0+*	9 *1+*	3	3o	2	3o
13	11	7	8	10	9	C C	5 *1-*	6 *1o*	9 *1+*	7 *1o*	6 *1o*	10 *1+*	19 *2+*	5 *1-*	8	9+	4	8-
14	5	4	6	3	4	C C *	6 *1o*	10 *1+*	3 *0+*	3 *0+*	1 *0o*	1 *0o*	2 *0+*	4 *1-*	4	4o	2	4o
15	4	5	4	5	5	C C *	4 *1-*	6 *1o*	4 *1-*	5 *1-*	4 *1-*	1 *0o*	6 *1o*	8 *1+*	5	6o	2	4-
16	17	13	10	20	15		5 *1-*	10 *1+*	16 *2o*	11 *2-*	12 *2-*	17 *2+*	15 *2o*	28 *3o*	14	15-	7	14o
17	28	22	30	21	25		19 *2+*	39 *3+*	29 *3o*	22 *3-*	32 *3o*	23 *3-*	9 *1+*	4 *1-*	22	19o	14	20+
18	12	9	8	13	11	C K	5 *1-*	13 *2-*	8 *1+*	10 *1+*	18 *2+*	17 *2+*	13 *2-*	8 *1+*	12	13-	5	11o
19	14	16	12	18	15	C	12 *2-*	13 *2-*	12 *2-*	10 *1+*	22 *3-*	17 *2+*	9 *1+*	9 *1+*	13	14o	6	14-
20	7	5	9	3	6	C C *	7 *1o*	1 *0o*	8 *1+*	8 *1+*	1 *0o*	3 *0+*	2 *0+*	7 *1o*	5	5+	3	5-
21	6	4	2	8	5	C K	1 *0o*	1 *0o*	1 *0o*	1 *0o*	0 *0o*	1 *0o*	1 *0o*	22 *3-*	4	3-	2	3o
22	15	10	18	8	13	K K	49 *4-*	17 *2+*	6 *1o*	4 *1-*	8 *1+*	2 *0+*	11 *2-*	9 *1+*	13	12+	8	12-
23	5	8	5	8	6	C C *	7 *1o*	3 *0+*	3 *0+*	3 *0+*	6 *1o*	7 *1o*	6 *1o*	1 *0o*	5	5o	2	4o
24	9	11	4	16	10	C	6 *1o*	3 *0+*	1 *0o*	6 *1o*	17 *2+*	18 *2+*	15 *2o*	16 *2o*	10	11o	4	8+
25	45	29	42	32	37		37 *3+*	40 *3+*	41 *4-*	38 *3+*	16 *2o*	34 *3+*	30 *3o*	43 *4-*	35	26-	21	28-
26	29	14	16	28	22		11 *2-*	11 *2-*	29 *3o*	17 *2+*	16 *2o*	31 *3o*	30 *3o*	11 *2-*	20	18+	11	19+
27	23	15	12	27	19		31 *3o*	6 *1o*	3 *0+*	12 *2-*	23 *3-*	36 *3+*	17 *2+*	5 *1-*	17	15o	8	15-
28	12	13	10	16	13	K	2 *0+*	3 *0+*	9 *1+*	17 *2+*	20 *2+*	12 *2-*	16 *2o*	10 *1+*	11	12-	5	11o
29	7	5	5	7	6	C C	2 *0+*	0 *0o*	8 *1+*	3 *0+*	1 *0o*	9 *1+*	12 *2-*	4 *1-*	5	6-	3	5+
30	14	11	9	16	12	C C	5 *1-*	10 *1+*	3 *0+*	10 *1+*	10 *1+*	10 *1+*	17 *2+*	14 *2o*	10	11-	5	10+
31	35	38	12	61	37		4 *1-*	12 *2-*	10 *1+*	17 *2+*	34 *3+*	50 *4-*	72 *5-*	49 *4-*	31	21+	17	22o





HOURLY EQUATORIAL DST VALUES (PROVISIONAL) - July 2005 -

Unit=nT

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2	-11	-13	-13	-17	-18	-16	-13	-9	-11	-10	-7	-9	-7	-8	-8	-9	-11	-13	-11	-11	-12	-13	-12	-14
3	-15	-15	-14	-16	-15	-13	-9	-7	-13	-16	-12	-5	-2	-6	-10	-10	-10	-9	-5	-4	-3	-1	0	1
4	0	-5	-7	-10	-10	-10	-10	-11	-8	-8	-5	-6	-5	-2	-3	-4	-5	-2	-1	-1	-1	-3	1	1
5	1	3	4	2	0	-2	-1	-6	-6	-7	-7	-6	-2	-1	0	-1	-1	-2	-3	-1	1	3	3	4
6	3	2	0	-3	-3	-1	0	3	5	8	8	7	7	9	8	6	3	2	3	3	2	2	0	6
7	6	2	0	-2	-3	0	2	4	3	5	4	2	4	5	3	0	-3	-3	-3	-5	-6	-5	-2	-4
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10	-48	-41	-39	-36	-29	-24	-26	-30	-15	-5	5	6	-57	-79	-82	-72	-74	-61	-65	-75	-94	-88	-60	-62
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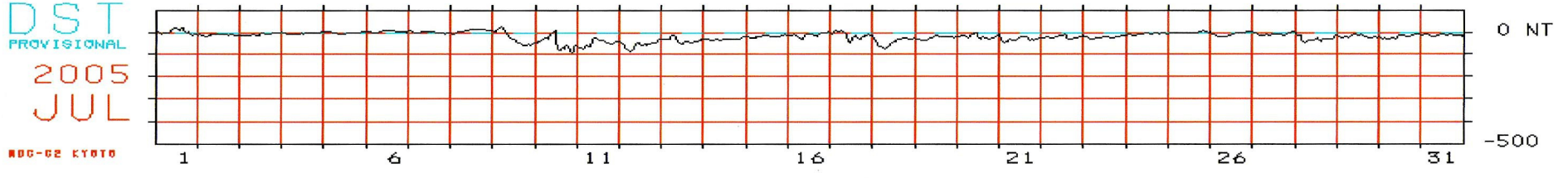

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HOURLY EQUATORIAL DST VALUES (PROVISIONAL) - August 2005 -

Unit=nT

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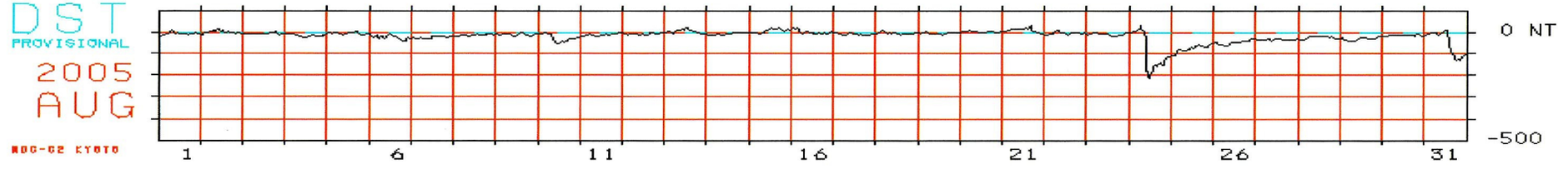

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