

SERVICE INTERNATIONAL DES INDICES GEOMAGNETIQUES
 INTERNATIONAL SERVICE OF GEOMAGNETIC INDICES



Bureau des Publications SIIG - Bulletin Mensuel n°09-05 - Septembre 2005
 ISGI Publications Office Monthly Bulletin n°09 - 05- September 2005

C O N T E N T S

Rapid Variations	- provisional determination of ssc and sfe	September 2005
Classification of days	- five international quietest days and most disturbed days	September 2005
aa	- hemispheric N, S, daily values and planetary half day and daily values	September 2005
	- musical diagram of aa (latest values)	Sept. up to 20 October 2005
Quiet periods	- truly magnetically very quiet (C) and quiet (K) periods of 24 and 48 hours, and 5 international quietest days (*)	September 2005
am, Km	- three hour indices values musical diagram of Km	September 2005
Am, ΣKm	- daily values	September 2005
Ap, ΣKp	- daily values	September 2005
	- monthly tables of hourly indices	September 2005
Dst	- monthly tables of hourly indices	May 2005 to June 2005

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

SEPTEMBER 2005

SSC - Storm Sudden Commencements

SFE - Solar Flare Effects

02 14 19 B: LER* ESK* HAD* NAG* COI GUI
 C: NGK* BDV* HYB
 09 14 01 A: LER* ESK* HAD* SPT* GUI* HYB GNA CNB
 B: SOD* NUR* NGK* BDV* CLF* HRB COI
 C: EBR*
 -: NAG
 11 01 14 A: ESK NGK* HAD CLF HRB MMB* COI*
 SPT* KAK* KNY* GUI* HYB
 B: LER BDV* GCK EBR
 -: NAG
 15 08 35 A: COI*
 B: SPT
 C: GCK HYB
 15 09 04 B: LER ESK HAD GUI* HYB
 C: NGK* BDV* CLF*

07 1724-1855 LER ESK HAD BDV GUI
 07 1730-1833 EBR
 08 2058-2130 MMB+ KAK+ KNY+
 09 0255-0315 MMB+ KAK+ KNY+
 09 0533-0615 MMB+ KAK+ KNY+
 09 0953-1042 MMB+ EBR KAK+ KNY+ GUI HYB
 13 1922-2017 LER ESK HAD
 13 2317-2345 MMB+ KAK+ KNY+
 15 0835-0839 NGK+ BDV+
 17 0601-0650 MMB+ KAK+ KNY+

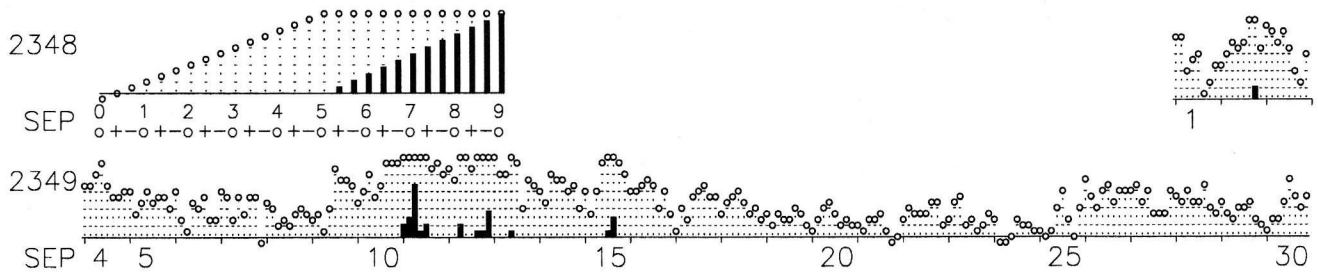
REPORTING OBSERVATORIES (up to 03/09/2005) :

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

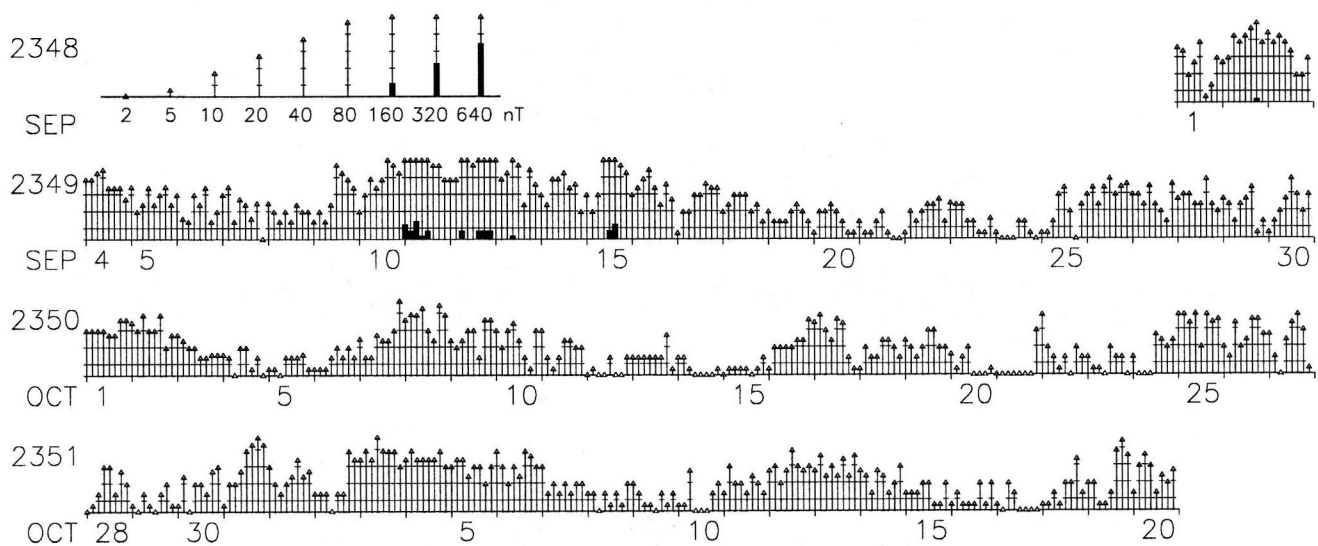
	FIVE INTERNATIONAL QUIETEST DAYS					FIVE INTERNATIONAL MOST DISTURBED DAYS				
September 2005	24	21	20	25K	8	11	12	15	13	2

SEPTEMBER 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	23	23	25	21	23		54 4o	53 4o	15 2o	22 3-	30 3o	5 1-	9 1+	18 2+	26	20o	14	20+
2	68	44	37	75	56		20 2+	27 3o	44 4-	40 3+	46 4-	94 5o	125 6-	38 3+	54	30o	39	34o
3	42	32	54	20	37		76 5-	61 4+	42 4-	62 4+	36 3+	14 2o	9 1+	33 3o	42	27-	27	29o
4	42	42	54	29	42		38 3+	40 3+	58 4o	73 5-	36 3+	25 3-	21 3-	28 3o	40	27o	24	29o
5	30	15	23	22	23		31 3o	12 2-	19 2+	27 3o	17 2+	22 3-	23 3-	14 2o	21	20-	11	20+
6	18	15	16	17	17		30 3o	10 1+	4 1-	20 2+	14 2o	21 3-	10 1+	10 1+	15	15-	8	15o
7	21	11	21	11	16		29 3o	26 3-	9 1+	24 3-	13 2-	25 3-	22 3-	1 0o	19	17-	10	17-
8	15	9	12	12	12	CC*	18 2+	14 2o	7 1o	9 1+	7 1o	11 2-	14 2o	13 2-	12	13o	6	13-
9	32	33	11	54	33		8 1+	13 2-	5 1-	15 2o	61 4+	50 4-	42 4-	37 3+	29	21-	17	22o
10	45	55	29	72	50		17 2+	27 3o	51 4o	26 3-	36 3+	81 5-	76 5-	84 5-	50	29+	33	32+
11	107	133	155	85	120		122 6-	147 6o	353 8-	120 5+	134 6-	67 4+	83 5-	55 4o	135	43+	101	50+
12	102	103	82	123	102		65 4+	50 4-	131 6-	90 5o	69 4+	115 5+	118 5+	177 6+	102	40o	75	45+
13	60	70	81	50	66		102 5o	58 4o	53 4o	113 5+	79 5-	14 2o	48 4-	38 3+	63	32o	44	36+
14	34	34	33	35	34		31 3o	17 2+	51 4o	42 4-	49 4-	27 3o	37 3+	14 2o	34	25o	18	26o
15	76	76	41	112	76		28 3o	11 2-	27 3o	83 5-	114 5+	158 6o	76 5-	55 4o	69	32+	52	36+
16	33	36	42	26	34		31 3o	29 3o	34 3+	45 4-	35 3+	16 2o	29 3o	12 2-	29	23o	18	26+
17	20	25	13	32	22		5 1-	14 2o	10 1+	23 3-	31 3o	34 3+	23 3-	26 3-	21	18+	12	20-
18	16	18	19	15	17		12 2-	19 2+	26 3-	29 3o	20 2+	11 2-	14 2o	8 1+	17	17o	10	17+
19	12	9	9	12	11	CC	12 2-	7 1o	12 2-	9 1+	9 1+	14 2o	13 2-	7 1o	10	12-	6	13o
20	11	8	11	8	9	CC*	5 1-	10 1+	14 2o	17 2+	12 2-	6 1o	9 1+	6 1o	10	11+	5	10-
21	5	7	7	5	6	CC*	7 1o	4 1-	10 1+	10 1+	11 2-	5 1-	1 0o	2 0+	6	7o	3	6o
22	14	10	9	15	12	CC	8 1+	16 2o	13 2-	12 2-	12 2-	17 2+	18 2+	7 1o	13	14o	6	13o
23	14	7	14	7	11	CC	8 1+	17 2+	23 3-	7 1o	9 1+	5 1-	7 1o	12 2-	11	12o	6	12o
24	5	4	3	6	4	CC*	9 1+	1 0o	0 0o	2 0+	9 1+	6 1o	6 1o	4 1-	5	6-	2	4o
25	12	14	11	16	13	K*	4 1-	3 0+	4 1-	16 2o	27 3o	8 1+	3 0+	15 2o	10	10+	5	9+
26	36	25	26	35	31		44 4-	24 3-	15 2o	30 3o	40 3+	19 2+	28 3o	30 3o	29	23o	15	24-
27	22	21	25	18	21		27 3o	39 3+	19 2+	32 3o	12 2-	12 2-	11 2-	27 3o	22	20-	12	20-
28	27	16	21	22	22		23 3-	20 2+	32 3o	18 2+	18 2+	35 3+	14 2o	12 2-	22	20-	11	19+
29	16	15	15	16	16		18 2+	12 2-	9 1+	15 2o	16 2o	20 2+	9 1+	7 1o	13	14o	7	14o
30	16	22	11	27	19		4 1-	9 1+	9 1+	19 2+	42 4-	22 3-	14 2o	21 3-	18	17-	8	15+

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



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



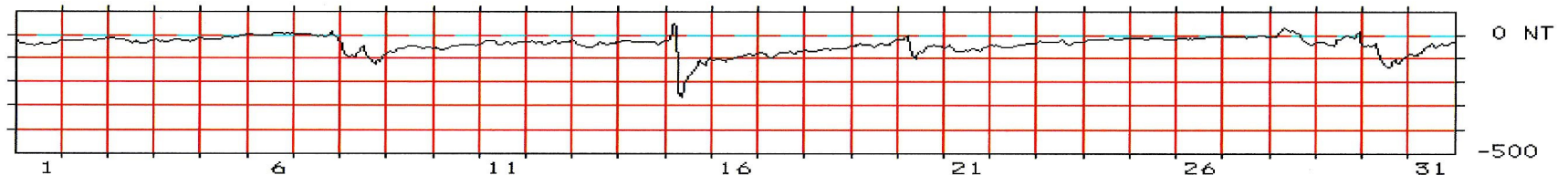
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HOURLY EQUATORIAL DST VALUES (PROVISIONAL) - May 2005 -

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
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9	-74	-71	-75	-73	-67	-60	-61	-60	-59	-55	-50	-49	-48	-47	-48	-52	-54	-56	-56	-53	-52	-51	-57	-57
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DST
PROVISIONAL
2005
MAY
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Bureau des Publications SIIG - Bulletin Mensuel n° 05-09 – Septembre 2005

HOURLY EQUATORIAL DST VALUES (PROVISIONAL) - June 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
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2005
JUN
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