

SERVICE INTERNATIONAL DES INDICES GEOMAGNETIQUES
 INTERNATIONAL SERVICE OF GEOMAGNETIC INDICES



Bureau des Publications SIIG - Bulletin Mensuel n°04-06 - Avril 2006
 ISGI Publications Office Monthly Bulletin n°04 - 06- April 2006

CONTENTS

Rapid Variations	- provisional determination of ssc and sfe	April 2006
Classification of days	- five international quietest days and most disturbed days	April 2006
aa	- hemispheric N, S, daily values and planetary half day and daily values	April 2006
	- musical diagram of aa (latest values)	April up to 25 June 2006
Quiet periods	- truly magnetically very quiet (C) and quiet (K) periods of 24 and 48 hours, and 5 international quietest days (*)	April 2006
am, Km	- three hour indices values musical diagram of Km	April 2006
Am, ΣKm	- daily values	April 2006
Ap, ΣKp	- daily values	April 2006
	- monthly tables of hourly indices	April 2006

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

APRIL 2006

SSC - Storm Sudden Commencements		SFE - Solar Flare Effects	
20 11 12	C: LER* ESK* NGK* HAD* DOU BDV* CLF*	06 0528-0540	MMB+ KAK+ KNY+
		07 0800-0812	BDV+
		08 1143-1202	GUI
28 01 16	B: SPT GUI HYB	13 0434-0458	GUI
	C: LER* ESK* HAD* DOU BDV*	20 1057-1125	GUI
	EBR	27 1546-1614	LER ESK NGK+ HAD BDV+ EBR+ GUI

REPORTING OBSERVATORIES (up to 02/06/2006) :

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

	FIVE INTERNATIONAL QUIETEST DAYS					FIVE INTERNATIONAL MOST DISTURBED DAYS				
April 2006	30	12	1	3	2	14	9	15	5	22*

Directeur de la Publication : M. MENVIELLE - Edité le 30/06/2006 par E. LEMAULF

Collaborateurs : L.F.ALBERCA SILVA - P. CUGNON - T. KAMEI - M. MENVIELLE - M. SIEBERT - M. SUGIURA

Bureau des Publications SIIG - fondé par A. BERTHELIER

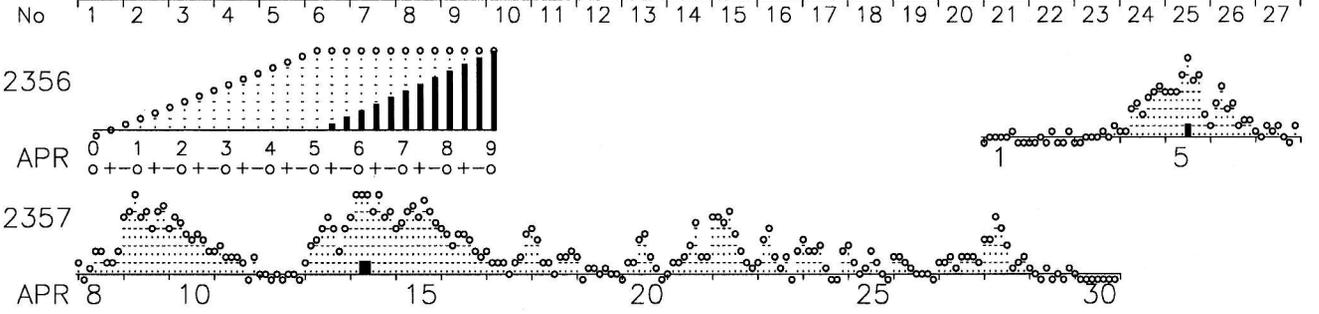
CETP 4, avenue Neptune - 94107 SAINT MAUR DES FOSSES CEDEX - FRANCE

Téléphone : +33 +1 45 11 42 47 - Télécopie : +33 +1 48 89 44 33 Email : Michel.Menvielle@cetp.ipsl.fr

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

APRIL 2006		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	3	4	2	4	3	CC*	1 0o	3 0+	2 0+	2 0+	3 0+	5 1-	0 0o	1 0o	2	2o	1	1+
2	4	2	2	4	3	CC*	1 0o	1 0o	2 0+	1 0o	5 1-	0 0o	1 0o	4 1-	2	2-	1	2o
3	4	3	2	4	3	CC*	1 0o	1 0o	2 0+	3 0+	3 0+	4 1-	2 0+	6 1o	3	3o	2	2+
4	23	17	11	30	20		4 1-	5 1-	14 2o	19 2+	12 2-	23 3-	28 3o	37 3+	18	16+	8	14+
5	46	50	43	53	48		29 3o	30 3o	31 3o	60 4o	122 6-	44 4-	52 4o	13 2-	48	28o	29	32-
6	15	21	22	14	18		7 1o	17 2+	37 3+	14 2o	18 2+	7 1o	10 1+	9 1+	15	15-	8	15-
7	3	6	4	5	4	CC	4 1-	2 0+	6 1o	4 1-	6 1o	3 0+	1 0o	6 1o	4	5o	2	4+
8	9	8	8	9	9	C	6 1o	1 0o	5 1-	13 2-	11 2-	6 1o	7 1o	11 2-	8	9-	4	8o
9	74	55	58	72	65		48 4-	51 4o	90 5o	44 4-	53 4o	32 3o	52 4o	68 4+	55	32-	46	38+
10	28	27	32	23	27		28 3o	41 4-	37 3+	21 3-	20 2+	24 3-	20 2+	12 2-	25	22-	15	23o
11	10	9	11	9	10	CK	12 2-	15 2o	8 1+	8 1+	8 1+	6 1o	1 0o	10 1+	9	10o	5	10-
12	3	3	3	3	3	CK*	2 0+	3 0+	0 0o	2 0+	1 0o	3 0+	3 0+	1 0o	2	2-	1	1+
13	28	26	19	35	27		6 1o	15 2o	20 2+	29 3o	47 4-	32 3o	13 2-	28 3o	24	20-	13	21-
14	69	124	109	84	97		45 4-	98 5o	131 6-	146 6-	59 4o	100 5o	48 4-	55 4o	85	37-	65	43-
15	56	47	49	54	52		31 3o	39 3+	51 4o	63 4+	41 4-	72 5-	51 4o	38 3+	48	30+	31	34-
16	21	20	25	16	21		28 3o	21 3-	16 2o	22 3-	21 3-	17 2+	13 2-	10 1+	19	18+	10	19-
17	10	8	8	11	9	CK	12 2-	6 1o	7 1o	7 1o	3 0+	6 1o	8 1+	26 3-	9	10o	6	10+
18	18	7	19	7	13	KK	29 3o	17 2+	7 1o	7 1o	2 0+	8 1+	9 1+	11 2-	11	12o	8	12o
19	6	3	5	4	4	CC	10 1+	1 0o	5 1-	5 1-	2 0+	4 1-	3 0+	3 0+	4	4+	3	5-
20	15	10	9	16	12	KK	1 0o	7 1o	6 1o	17 2+	23 3-	10 1+	4 1-	1 0o	9	9o	5	9o
21	16	11	7	20	13	K	3 0+	7 1o	6 1o	10 1+	15 2o	35 3+	10 1+	8 1+	12	12-	8	13o
22	38	27	45	20	32		50 4-	45 4-	35 3+	55 4o	26 3-	11 2-	6 1o	5 1-	29	21-	19	24-
23	16	10	17	9	13	K	6 1o	19 2+	28 3o	8 1+	4 1-	8 1+	1 0o	13 2-	11	11+	7	13-
24	13	7	13	7	10	CC	18 2+	11 2-	11 2-	14 2o	4 1-	1 0o	0 0o	11 2-	9	10o	6	11+
25	10	6	8	8	8	CC	16 2o	6 1o	3 0+	4 1-	11 2-	7 1o	3 0+	1 0o	6	7o	4	7o
26	7	3	7	4	5	CC	10 1+	9 1+	6 1o	5 1-	3 0+	2 0+	2 0+	1 0o	5	5+	3	6-
27	8	7	7	9	8	CK	7 1o	7 1o	8 1+	5 1-	9 1+	8 1+	9 1+	7 1o	8	9o	4	8+
28	19	19	30	9	19	K	20 2+	18 2+	46 4-	27 3o	14 2o	4 1-	6 1o	8 1+	18	16+	10	17-
29	6	2	4	4	4	CC	4 1-	3 0+	1 0o	5 1-	1 0o	2 0+	1 0o	4 1-	3	3-	2	4-
30	2	3	3	2	2	CC*	2 0+	1 0o	1 0o	1 0o	1 0o	0 0o	0 0o	1 0o	1	0+	0	0o

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



ROT DAY IN SOLAR ROTATION INTERVAL Three-hour indices aa (logscale) APR-JUN 2006

