

SERVICE INTERNATIONAL DES INDICES GEOMAGNETIQUES
 INTERNATIONAL SERVICE OF GEOMAGNETIC INDICES



Bureau des Publications SIIG - Bulletin Mensuel n°12-05 - Decembre 2005
 ISGI Publications Office Monthly Bulletin n°12-05- December 2005

CONTENTS		
Rapid Variations	- provisional determination of ssc and sfe	December 2005
Classification of days	- five international quietest days and most disturbed days	December 2005
aa	- hemispheric N, S, daily values and planetary half day and daily values	December 2005
	- musical diagram of aa (latest values)	Dec. up to 19 February 2006
Quiet periods	- truly magnetically very quiet (C) and quiet (K) periods of 24 and 48 hours, and 5 international quietest days (*)	December 2005
am, Km	- three hour indices values musical diagram of Km	December 2005
Am, ΣKm	- daily values	December 2005
Ap, ΣKp	- daily values	December 2005
	- monthly tables of hourly indices	December 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.

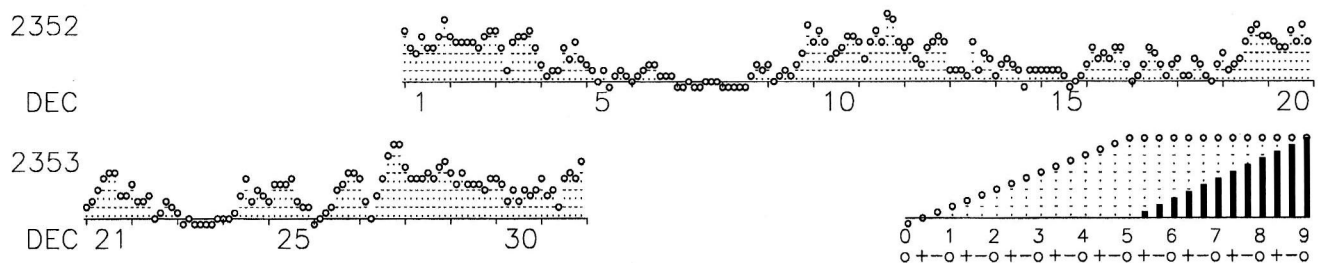
*This Bulletin is freely offered to interested Scientists thanks to a dotation from FAGS, and to the support of the hosting laboratory CETP and of French Organisations of Scientific Research (CNRS, INSU, BCMT).
 Special thanks are due to contributors (quoted below) for providing the here published geomagnetic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

PRELIMINARY REPORT ON RAPID VARIATIONS		DECEMBER 2005
SSC - Storm Sudden Commencements	SFE - Solar Flare Effects	
NONE	02 0247-0305 MMB+ KAK+ KNY+ 02 1009-1021 BDV+	
REPORTING OBSERVATORIES (up to 03/01/2006) :		
SOD NUR LER ESK NGK VAL HAD DOU BDV CLF HRB NAG GCK MMB EBR COI SPT KAK KNY GNA CNB		

	FIVE INTERNATIONAL QUIETEST DAYS					FIVE INTERNATIONAL MOST DISTURBED DAYS				
December 2005	23	7	8	6	15	11	28*	27	1*	20*

DECEMBER 2005						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	33	28	26	34	30		40 3+	18 2+	14 2o	29 3o	20 2+	18 2+	32 3o	55 4o	28	22+	17	24o
2	31	24	30	25	28		29 3o	22 3-	26 3-	25 3-	24 3-	18 2+	31 3o	35 3+	26	22+	15	24o
3	29	23	20	33	26		36 3+	20 2+	7 1o	23 3-	27 3o	32 3o	35 3+	20 2+	25	21o	15	23o
4	13	13	8	18	13	K	10 1+	4 1-	7 1o	7 1o	19 2+	12 2-	24 3-	11 2-	12	12+	6	12+
5	6	6	7	5	6	CC	9 1+	7 1o	2 0+	6 1o	1 0o	4 1-	7 1o	4 1-	5	6o	3	5o
6	4	6	5	5	5	CC*	3 0+	4 1-	6 1o	8 1+	9 1+	5 1-	4 1-	4 1-	5	7-	2	4o
7	2	3	3	2	2	CC*	1 0o	0 0o	3 0+	1 0o	1 0o	2 0+	3 0+	2 0+	2	1+	0	1-
8	4	3	2	4	3	CC*	0 0o	0 0o	1 0o	0 0o	1 0o	4 1-	9 1+	7 1o	3	3o	1	2o
9	15	12	7	20	13	K	9 1+	3 0+	5 1-	7 1o	5 1-	8 1+	15 2o	42 4-	12	11o	6	10-
10	34	21	29	26	27		22 3-	39 3+	24 3-	11 2-	14 2o	17 2+	31 3o	32 3o	24	21-	14	21+
11	41	32	26	47	37		24 3-	13 2-	21 3-	38 3+	25 3-	61 4+	54 4o	26 3-	33	24o	21	27+
12	28	19	20	27	24		17 2+	24 3-	12 2-	8 1+	20 2+	23 3-	29 3o	23 3-	20	19-	12	21-
13	11	11	7	16	11	C	6 1o	6 1o	6 1o	5 1-	22 3-	6 1o	16 2o	13 2-	10	11o	5	11o
14	4	9	8	6	7	CC	5 1-	8 1+	13 2-	9 1+	6 1o	1 0o	6 1o	7 1o	7	8o	3	5+
15	5	8	9	4	6	CC*	6 1o	6 1o	6 1o	7 1o	4 1-	1 0o	3 0+	5 1-	5	6-	2	4-
16	14	20	17	17	17	K	9 1+	20 2+	11 2-	14 2o	13 2-	18 2+	18 2+	8 1+	14	15o	7	14-
17	6	12	9	10	9	CC	3 0+	5 1-	8 1+	19 2+	15 2o	8 1+	4 1-	9 1+	9	10o	4	7+
18	7	10	10	7	9	CC	12 2-	5 1-	5 1-	13 2-	10 1+	5 1-	3 0+	8 1+	8	8+	4	7o
19	22	21	11	33	22		14 2o	7 1o	8 1+	13 2-	23 3-	38 3+	42 4-	32 3o	22	19-	10	16+
20	39	28	24	42	33		30 3o	26 3-	18 2+	18 2+	34 3+	25 3-	47 4-	22 3-	28	23-	17	25o
21	18	16	13	21	17		6 1o	10 1+	14 2o	23 3-	29 3o	32 3o	12 2-	12 2-	17	16+	9	17+
22	10	9	13	7	10	CK	19 2+	8 1+	8 1+	11 2-	3 0+	4 1-	8 1+	7 1o	9	10o	5	9-
23	3	3	4	2	3	CC*	4 1-	1 0o	2 0+	1 0o	1 0o	0 0o	1 0o	2 0+	2	1+	0	0+
24	10	11	6	15	11	CK	2 0+	2 0+	4 1-	13 2-	21 3-	9 1+	16 2o	11 2-	10	11-	4	8+
25	11	20	19	12	16	K	8 1+	19 2+	18 2+	19 2+	23 3-	9 1+	6 1o	6 1o	14	14+	6	12+
26	15	12	6	21	14	K	1 0o	2 0+	5 1-	6 1o	14 2o	18 2+	27 3o	28 3o	13	12+	6	11-
27	57	30	13	73	43		23 3-	8 1+	3 0+	12 2-	23 3-	57 4o	77 5-	77 5-	35	22o	20	22o
28	27	24	24	27	26		34 3+	24 3-	21 3-	26 3-	32 3o	25 3-	38 3+	44 4-	31	24o	18	26-
29	23	17	23	17	20		28 3o	20 2+	29 3o	17 2+	17 2+	20 2+	16 2o	21 3-	21	20o	13	22o
30	21	14	22	13	18		21 3-	20 2+	9 1+	14 2o	9 1+	14 2o	13 2-	15 2o	14	15+	8	17-
31	27	19	15	31	23		24 3-	13 2-	14 2o	6 1o	22 3-	33 3o	25 3-	44 4-	23	19+	11	20-

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



ROT DAY IN SOLAR ROTATION INTERVAL Three-hour indices aa (logscale) DEC2005-FEB2006

