

SERVICE INTERNATIONAL DES INDICES GEOMAGNETIQUES
 INTERNATIONAL SERVICE OF GEOMAGNETIC INDICES



Bureau des Publications SIIG - Bulletin Mensuel n°05-09 - Mai 2009
 ISGI Publications Office Monthly Bulletin n°05-09- May 2009

CONTENTS

Rapid Variations	- provisional determination of ssc and sfe	May 2009
Classification of days	- five international quietest days and most disturbed days	May 2009
aa	- hemispheric N, S, daily values and planetary half day and daily values	May 2009
	- musical diagram of aa (latest values)	May up to 05 July 2009
Quiet periods	- truly magnetically very quiet (C) and quiet (K) periods of 24 and 48 hours, and 5 international quietest days (*)	May 2009
am, Km	- three hour indices values musical diagram of Km	May 2009
Am, ΣKm	- daily values	May 2009
Ap, ΣKp	- daily values	May 2009
	- monthly tables of hourly indices	May 2009

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.

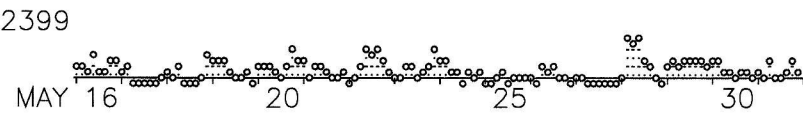
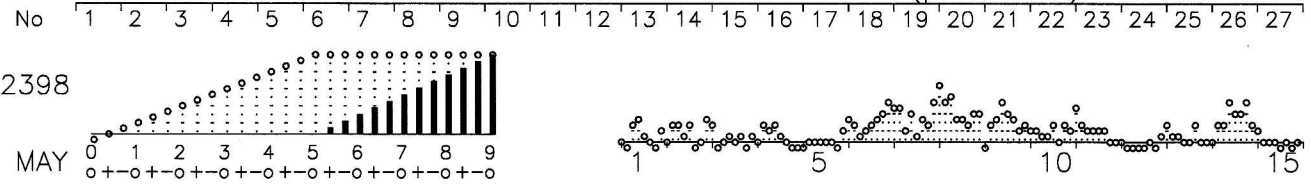
*This Bulletin is freely offered to interested Scientists thanks to a dotation from FAGS, and to the support of the hosting laboratory CETP and of French Organisations of Scientific Research (CNRS, INSU, BCMT).
 Special thanks are due to contributors (quoted below) for providing the here published geomagnetic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

PRELIMINARY REPORT ON RAPID VARIATIONS		MAY 2009
SSC - Storm Sudden Commencements		SFE - Solar Flare Effects
14 11 53	B: NGK VAL BDV C: CLF GCK SPT SI: LER* ESK* HAD*	21 1302-1313 NAG
28 05 19	A: GUI GNA* CNB B: SOD* LER* ESK* NGK* VAL HAD* DOU BDV* CLF* EBR SPT LIV C: NUR NAG GCK HYB	
REPORTING OBSERVATORIES (up to 01/07/2009) :		
SOD NUR LER ESK NGK VAL HAD DOU BDV CLF NAG GCK MMB EBR SPT KAK KNY GUI HYB GNA CNB LIV		

	FIVE INTERNATIONAL QUIETEST DAYS					FIVE INTERNATIONAL MOST DISTURBED DAYS				
May 2009	12	27	25	17	5	8*	14*	7*	6*	28*

MAY 2009		Geomagnetic Indices <i>(provisional)</i>												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	5	5	5	5	5	CC	2 0+	1 0o	9 1+	11 2-	4 1-	3 0+	1 0o	7 1o	5	5+	3	6-
2	9	6	7	9	8	CC	3 0+	8 1+	10 1+	4 1-	10 1+	1 0o	2 0+	11 2-	6	7o	4	7+
3	7	3	5	5	5	CC	8 1+	1 0o	3 0+	5 1-	3 0+	4 1-	0 0o	4 1-	4	4o	3	6o
4	5	7	8	5	6	CC	2 0+	9 1+	6 1o	8 1+	5 1-	2 0+	1 0o	1 0o	4	5o	3	5+
5	6	3	4	5	5	CC*	0 0o	2 0+	2 0+	3 0+	3 0+	3 0+	1 0o	7 1o	3	3-	2	4-
6	16	10	8	18	13	CC	13 2-	8 1+	5 1-	6 1o	8 1+	13 2-	15 2o	24 3-	12	12+	6	13o
7	17	13	15	15	15		20 2+	19 2+	6 1o	14 2o	5 1-	11 2-	10 1+	23 3-	14	14o	7	13+
8	25	18	24	19	22		47 4-	24 3-	28 3o	12 2-	12 2-	9 1+	14 2o	15 2o	20	18o	11	19-
9	13	12	11	14	12	KK	1 0o	9 1+	13 2-	22 3-	14 2o	11 2-	7 1o	8 1+	11	12-	5	11-
10	7	6	5	8	6	CC	7 1o	6 1o	5 1-	5 1-	8 1+	2 0+	8 1+	6 1o	6	7+	4	7+
11	7	9	9	8	8	CC	18 2+	8 1+	6 1o	7 1o	6 1o	7 1o	3 0+	3 0+	7	8+	4	8o
12	4	3	2	4	3	CC*	2 0+	1 0o	1 0o	1 0o	1 0o	3 0+	1 0o	4 1-	2	1+	1	2-
13	7	3	4	6	5	CC	8 1+	4 1-	4 1-	3 0+	3 0+	9 1+	2 0+	2 0+	4	5+	3	4+
14	18	11	11	18	15	K	3 0+	10 1+	8 1+	21 3-	16 2o	16 2o	21 3-	10 1+	13	14-	8	15+
15	5	4	5	4	4	CC	7 1o	2 0+	2 0+	3 0+	1 0o	3 0+	1 0o	2 0+	3	3-	2	4o
16	10	7	8	8	8	CC	6 1o	7 1o	5 1-	11 2-	5 1-	4 1-	9 1+	8 1+	7	8+	4	8-
17	4	3	4	2	3	CC*	4 1-	7 1o	0 0o	1 0o	1 0o	1 0o	1 0o	2 0+	2	2o	1	2+
18	7	3	4	6	5	CC	5 1-	3 0+	6 1o	1 0o	1 0o	1 0o	3 0+	13 2-	4	4o	3	6-
19	6	8	9	5	7	CC	8 1+	9 1+	9 1+	5 1-	3 0+	3 0+	4 1-	1 0o	5	6o	3	6-
20	13	9	9	12	11	CC	7 1o	6 1o	6 1o	4 1-	2 0+	6 1o	15 2o	10 1+	7	8+	5	10o
21	10	5	9	6	7	CC	8 1+	3 0+	7 1o	6 1o	5 1-	2 0+	2 0+	4 1-	5	6-	4	7+
22	10	11	7	13	10	CC	1 0o	3 0+	7 1o	16 2o	12 2-	16 2o	9 1+	4 1-	9	9o	5	10-
23	8	8	8	9	8	CC	3 0+	2 0+	7 1o	7 1o	2 0+	5 1-	7 1o	14 2o	6	7-	4	7+
24	7	5	7	5	6	CC	10 1+	9 1+	4 1-	5 1-	1 0o	5 1-	3 0+	5 1-	5	6-	4	7o
25	4	2	2	4	3	CC*	0 0o	0 0o	2 0+	4 1-	1 0o	2 0+	2 0+	2 0+	2	2o	2	3-
26	6	4	5	5	5	CC	3 0+	1 0o	7 1o	4 1-	6 1o	2 0+	2 0+	1 0o	3	4-	3	4+
27	4	2	2	4	3	CC*	2 0+	3 0+	1 0o	1 0o	1 0o	1 0o	1 0o	1 0o	1	1-	1	2o
28	12	11	15	8	11	CC	2 0+	24 3-	20 2+	23 3-	10 1+	7 1o	3 0+	1 0o	11	11-	5	10+
29	10	9	8	10	9	CC	6 1o	10 1+	7 1o	10 1+	10 1+	10 1+	8 1+	6 1o	8	10-	4	9o
30	7	6	8	6	7	CC	8 1+	10 1+	4 1-	5 1-	2 0+	4 1-	5 1-	2 0+	5	6o	3	5+
31	8	4	4	8	6	CC	4 1-	3 0+	10 1+	3 0+	3 0+	5 1-	8 1+	4 1-	5	6-	3	6o

ROT DAY IN SOLAR ROTATION INTERVAL Three-hour indices Km(provisional) MAY 2009



ROT DAY IN SOLAR ROTATION INTERVAL Three-hour indices aa (logscale) MAY-JUL 2009

