

SERVICE INTERNATIONAL DES INDICES GEOMAGNETIQUES
 INTERNATIONAL SERVICE OF GEOMAGNETIC INDICES



Bureau des Publications SIIG - Bulletin Mensuel n°10-07 - Octobre 2007
 ISGI Publications Office Monthly Bulletin n°10 - 07- October 2007

CONTENTS

Rapid Variations	- provisional determination of ssc and sfe	October 2007
Classification of days	- five international quietest days and most disturbed days	October 2007
aa	- hemispheric N, S, daily values and planetary half day and daily values	October 2007
Quiet periods	- musical diagram of aa (latest values)	October up to 30 Dec. 2007
	- truly magnetically very quiet (C) and quiet (K) periods of 24 and 48 hours, and 5 international quietest days (*)	October 2007
am, Km	- three hour indices values musical diagram of Km	October 2007
Am, ΣKm	- daily values	October 2007
Ap, ΣKp	- daily values	October 2007
	- monthly tables of hourly indices	October 2007

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 2007	
SSC - Storm Sudden Commencements		SFE - Solar Flare Effects	
25 11 35	A: LER* ESK* HAD* GUI GNA CNB B: DOU HRB SPT* C: NGK* BDV* CLF* GCK EBR* HYB	23 1257-1310	GUI
		30 1357-1415	GUI

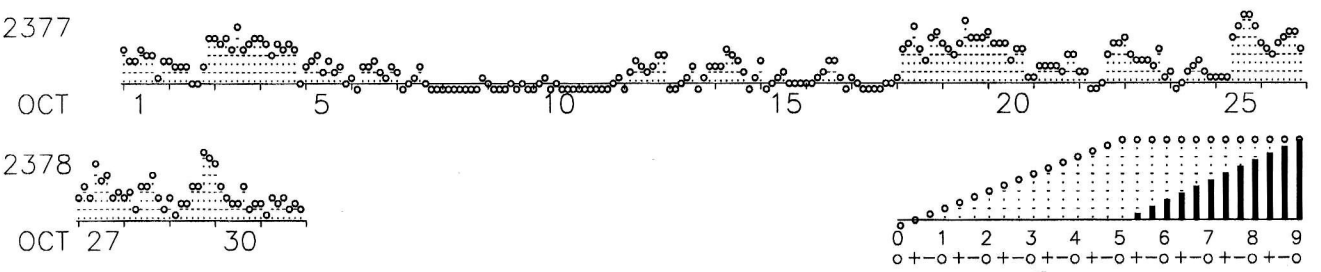
REPORTING OBSERVATORIES (up to 03/12/2007) :

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

	FIVE INTERNATIONAL QUIETEST DAYS					FIVE INTERNATIONAL MOST DISTURBED DAYS				
October 2007	9	8	11	17	10	3*	25*	19*	26*	27*

OCTOBER 2007		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	15	14	15	14	15		18 2+	12 2-	12 2-	20 2+	16 2o	14 2o	5 1-	11 2-	14	14+	7	15+
2	12	9	10	11	11	C	11 2-	9 1+	10 1+	8 1+	2 0+	2 0+	9 1+	31 3o	10	11-	5	11-
3	34	23	23	34	29		29 3o	23 3-	28 3o	18 2+	47 4-	20 2+	25 3-	27 3o	27	23-	17	25o
4	22	20	23	19	21		30 3o	26 3-	14 2o	22 3-	17 2+	22 3-	18 2+	2 0+	19	18o	11	19-
5	14	8	13	9	11	CK	10 1+	13 2-	15 2o	7 1o	11 2-	7 1o	10 1+	2 0+	9	10o	6	12+
6	8	7	6	9	8	CC	5 1-	1 0o	8 1+	10 1+	11 2-	7 1o	5 1-	9 1+	7	8o	4	8-
7	4	6	5	5	5	CC	6 1o	1 0o	3 0+	5 1-	10 1+	2 0+	0 0o	0 0o	3	4-	2	3o
8	3	2	2	3	2	CC*	0 0o	1 0o	1 0o	0 0o	1 0o	1 0o	1 0o	4 1-	1	1-	1	1o
9	2	4	3	3	3	CC*	2 0+	0 0o	1 0o	1 0o	2 0+	1 0o	3 0+	1 0o	1	1o	1	1+
10	3	2	3	2	2	CC*	1 0o	3 0+	4 1-	1 0o	2 0+	1 0o	0 0o	0 0o	2	1+	1	2-
11	3	2	2	3	2	CC*	0 0o	1 0o	0 0o	0 0o	1 0o	0 0o	2 0+	4 1-	1	1o	1	1o
12	11	10	7	15	11	CC	0 0o	6 1o	12 2-	8 1+	6 1o	10 1+	16 2o	16 2o	9	10+	4	9-
13	6	6	4	8	6	CC	1 0o	0 0o	2 0+	5 1-	8 1+	1 0o	4 1-	8 1+	4	4+	2	4+
14	9	11	13	8	10	CC	8 1+	10 1+	17 2+	16 2o	13 2-	6 1o	1 0o	4 1-	9	10+	5	10+
15	5	6	5	5	5	CC	11 2-	1 0o	2 0+	5 1-	6 1o	3 0+	2 0+	2 0+	4	5-	2	4o
16	4	7	4	7	6	CC	2 0+	2 0+	4 1-	6 1o	12 2-	11 2-	4 1-	0 0o	5	6+	2	4+
17	4	2	4	2	3	CK*	4 1-	2 0+	0 0o	1 0o	1 0o	0 0o	2 0+	2 0+	2	2-	1	1o
18	21	29	24	27	25		5 1-	20 2+	24 3-	44 4-	18 2+	11 2-	31 3o	36 3+	24	20-	12	20-
19	34	28	20	42	31		23 3-	18 2+	16 2o	21 3-	58 4o	29 3o	33 3o	31 3o	29	23-	16	24+
20	25	20	29	15	22		38 3+	26 3-	23 3-	22 3-	12 2-	18 2+	19 2+	5 1-	20	18+	13	20-
21	8	10	8	11	9	CC	4 1-	8 1+	8 1+	8 1+	8 1+	6 1o	15 2o	15 2o	9	11o	5	10-
22	13	10	6	17	12	KK	6 1o	7 1o	1 0o	1 0o	3 0+	16 2o	25 3-	24 3-	10	10-	6	12-
23	15	10	14	12	13	CK	31 3o	16 2o	12 2-	11 2-	13 2-	9 1+	17 2+	4 1-	14	14+	7	14-
24	7	8	4	10	7	CK	7 1o	1 0o	3 0+	7 1o	10 1+	12 2-	6 1o	5 1-	6	7o	3	5+
25	38	33	19	52	36		4 1-	4 1-	5 1-	30 3o	45 4-	62 4+	62 4+	43 4-	32	21o	17	21+
26	30	21	18	34	26		26 3-	19 2+	15 2o	21 3-	28 3o	34 3+	36 3+	20 2+	25	22-	14	22+
27	29	23	24	28	26		13 2-	19 2+	11 2-	46 4-	26 3-	27 3o	13 2-	15 2o	21	19-	13	22-
28	19	19	16	22	19		13 2-	14 2o	7 1o	19 2+	17 2+	30 3o	11 2-	6 1o	15	15o	7	14+
29	32	16	8	41	24		12 2-	4 1-	8 1+	9 1+	18 2+	20 2+	66 4+	58 4o	24	18o	13	18-
30	20	12	20	12	16		42 4-	20 2+	11 2-	9 1+	10 1+	20 2+	6 1o	8 1+	16	15o	10	16-
31	13	9	9	13	11	CC	8 1+	5 1-	13 2-	8 1+	12 2-	7 1o	10 1+	6 1o	9	10o	4	9o

ROT DAY IN SOLAR ROTATION INTERVAL Three-hour indices Km (provisional) OCT 2007



ROT DAY IN SOLAR ROTATION INTERVAL Three-hour indices aa (logscale) OCT-DEC 2007

