

SERVICE INTERNATIONAL DES INDICES GEOMAGNETIQUES
 INTERNATIONAL SERVICE OF GEOMAGNETIC INDICES



Bureau des Publications SIIG - Bulletin Mensuel n°10-10 - Octobre 2010
 ISGI Publications Office - Monthly Bulletin n°10-10 - October 2010

C O N T E N T S

Rapid Variations	- provisional determination of SSC and SFE	October 2010
Classification of days	- five international quietest days and most disturbed days	October 2010
aa	- hemispheric N, S, daily values and planetary half day and daily values	October 2010
	- musical diagram of aa (latest values)	Oct. 2010 up to Dec. 12 th 2010
Quiet periods	- truly magnetically very quiet (C) and quiet (K) periods of 24 and 48 hours, and 5 international quietest days (*)	October 2010
am, Km	- three hour indices values musical diagram of Km	October 2010
Am, ΣKm	- daily values	October 2010
Ap, ΣKp	- daily values	October 2010
	- monthly tables of hourly indices	October 2010

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 LATMOS, 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 LATMOS 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 2010
SSC - Storm Sudden Commencements		SFE - Solar Flare Effects
30 10 13 A: SPT* C: GUI SI: LER* ESK* HAD*		19 1320-1343 GUI 23 0258-0309 NAG

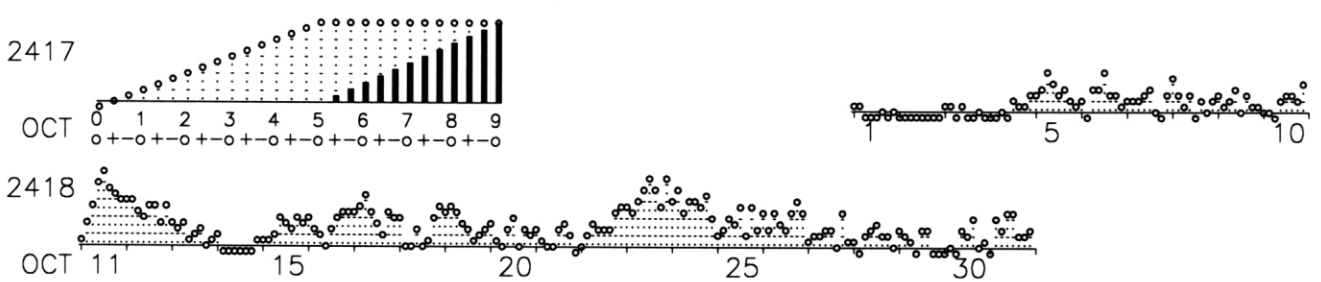
REPORTING OBSERVATORIES (up to 01/12/2010) :

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

	FIVE INTERNATIONAL QUIETEST DAYS					FIVE INTERNATIONAL MOST DISTURBED DAYS				
October 2010	2	14	1	3	4	23	11	24*	17*	12*

OCTOBER 2010						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				
1	3	3	4	2	3	CC*	4 1-	5 1-	0 0o	1 0o	1 0o	2 0+	1 0o	2 0+	2	2o	2	2+
2	2	2	2	2	2	CC*	1 0o	0 0o	0 0o	1 0o	1 0o	1 0o	0 0o	1 0o	1	0o	0	0o
3	5	4	6	3	4	CC*	4 1-	5 1-	0 0o	5 1-	1 0o	1 0o	2 0+	1 0o	2	2+	2	3-
4	4	5	3	6	4	CC*	0 0o	0 0o	3 0+	0 0o	6 1o	4 1-	5 1-	8 1+	3	4o	2	3-
5	9	11	13	7	10	CC	9 1+	11 2-	24 3-	15 2o	8 1+	12 2-	6 1o	4 1-	11	12+	5	11o
6	11	10	8	13	11	CC	6 1o	0 0o	13 2-	12 2-	25 3-	10 1+	10 1+	4 1-	10	10+	5	10+
7	5	8	6	7	7	CC	6 1o	6 1o	7 1o	9 1+	11 2-	3 0+	0 0o	9 1+	6	8-	3	6o
8	10	8	12	6	9	CC	20 2+	8 1+	4 1-	9 1+	1 0o	7 1o	2 0+	7 1o	7	8o	5	9-
9	7	7	9	5	7	CC	10 1+	4 1-	7 1o	11 2-	3 0+	10 1+	5 1-	4 1-	7	8-	4	8+
10	9	8	4	12	8	CK	2 0+	2 0+	1 0o	6 1o	8 1+	8 1+	7 1o	14 2o	6	7+	3	6-
11	38	48	32	54	43		5 1-	12 2-	23 3-	53 4o	80 5-	44 4-	39 3+	28 3o	36	24-	20	25+
12	21	21	22	20	21		29 3o	27 3o	18 2+	16 2o	22 3-	23 3-	12 2-	22 3-	21	20o	10	18+
13	8	10	11	7	9	CK	11 2-	8 1+	13 2-	5 1-	7 1o	8 1+	3 0+	5 1-	8	9-	4	9-
14	4	4	4	4	4	CC*	6 1o	1 0o	1 0o	1 0o	1 0o	0 0o	0 0o	5 1-	2	2-	1	1+
15	15	11	9	17	13	CC	4 1-	5 1-	7 1o	16 2o	13 2-	10 1+	15 2o	12 2-	10	11o	5	10+
16	20	11	10	22	16		14 2o	8 1+	6 1o	3 0+	8 1+	16 2o	19 2+	20 2+	12	13-	7	13o
17	21	18	23	16	20		17 2+	26 3-	39 3+	20 2+	12 2-	7 1o	18 2+	16 2o	19	18-	11	18+
18	13	13	11	15	13	K	14 2o	3 0+	3 0+	8 1+	3 0+	4 1-	15 2o	22 3-	9	10-	5	10-
19	12	18	21	9	15	K	18 2+	22 3-	17 2+	12 2-	8 1+	4 1-	6 1o	9 1+	12	13+	6	13o
20	9	10	8	11	10	CC	13 2-	5 1-	3 0+	10 1+	16 2o	3 0+	8 1+	7 1o	8	9-	4	9+
21	7	6	7	7	7	CC	9 1+	5 1-	3 0+	3 0+	9 1+	12 2-	6 1o	1 0o	6	7-	3	5+
22	11	15	8	19	13	K	2 0+	6 1o	11 2-	8 1+	8 1+	10 1+	19 2+	26 3-	11	12o	6	11-
23	46	45	33	59	46		26 3-	19 2+	31 3o	49 4-	70 4+	50 4-	26 3-	61 4+	42	27-	26	31-
24	35	37	36	37	36		33 3o	41 4-	18 2+	29 3o	33 3o	25 3-	38 3+	14 2o	29	23o	17	25+
25	18	14	13	19	16		7 1o	9 1+	14 2o	13 2-	25 3-	7 1o	26 3-	9 1+	14	14-	7	15-
26	24	13	16	21	19		18 2+	8 1+	17 2+	13 2-	8 1+	17 2+	28 3o	17 2+	16	17-	8	17-
27	11	9	8	12	10	CK	5 1-	6 1o	7 1o	8 1+	9 1+	3 0+	19 2+	5 1-	8	9-	5	9o
28	6	9	6	10	8	CC	5 1-	1 0o	6 1o	8 1+	12 2-	7 1o	6 1o	3 0+	6	7o	4	7-
29	8	7	8	7	7	CC	9 1+	7 1o	5 1-	1 0o	9 1+	8 1+	1 0o	1 0o	5	6-	3	6+
30	5	7	5	8	6	CC	0 0o	2 0+	1 0o	10 1+	6 1o	14 2o	2 0+	4 1-	5	6-	2	4-
31	10	17	12	15	13	CK	1 0o	14 2o	8 1+	20 2+	20 2+	6 1o	7 1o	8 1+	11	11+	4	9-

ROT DAY IN SOLAR ROTATION INTERVAL Three-hour indices Km(provisional) OCT 2010



ROT DAY IN SOLAR ROTATION INTERVAL Three-hour indices aa (logscale) OCT-DEC 2010

