

SERVICE INTERNATIONAL DES INDICES GEOMAGNETIQUES
 INTERNATIONAL SERVICE OF GEOMAGNETIC INDICES



Bureau des Publications SIIG - Bulletin Mensuel n°14-04 - Avril 2014
 ISGI Publications Office Monthly Bulletin n°14-04 - April 2014

CONTENTS

Rapid Variations	- provisional determination of ssc and sfe	April 2014
Classification of days	- five international quietest days and most disturbed days	April 2014
aa	- hemispheric N, S, daily values and planetary half day and daily values	April 2014
	- musical diagram of aa (latest values)	April 1 st up to June 29 th 2014
Quiet periods	- truly magnetically very quiet (C) and quiet (K) periods of 24 and 48 hours, and 5 international quietest days (*)	April 2014
am, Km	- three hour indices values musical diagram of Km	April 2014
Am, ΣKm	- daily values	April 2014
Ap, ΣKp	- daily values	April 2014
	- monthly tables of hourly indices	April 2014

Explanations about published data are given in Special Issue 1994 of ISGI Monthly Bulletin.

Ce Bulletin est adressé gracieusement aux Scientifiques intéressés, grâce 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 the support of the hosting laboratory LATMOS and of French Organisations of Scientific Research (CNRS, INSU, BCMT).

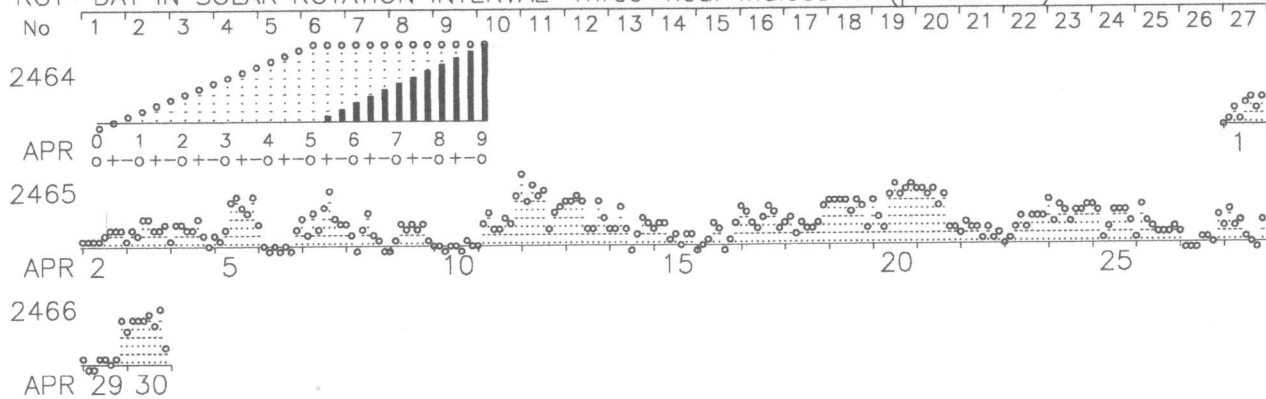
Special thanks are due to contributors (quoted below) for providing the here published geomagnetic data within shortly possible delay.

PRELIMINARY REPORT ON RAPID VARIATIONS		APRIL 2014
SSC - Storm Sudden Commencements		SFE - Solar Flare Effects
19 18 36	A: none B: LER* ESK* HAD C: DOU	18 1242-1320 LER ESK HAD 25 0021-0110 MMB KAK KNY
20 10 56	A: NAG* GNG* CNB B: LER* ESK* HAD* HRB C: WNG* NGK* VAL* DOU BDV* GCK* EBR SPT* LIV	
29 20 26	A: none B: none C: LER* ESK* VAL* HAD*	
REPORTING OBSERVATORIES (up to the 2nd of June 2014):		
SOD NUR LER ESK WNG NGK VAL HAD DOU BDV HRB NAG GCK MMB EBR SPT KAK KNY GUI GNG CNB LIV		

	FIVE INTERNATIONAL QUIETEST DAYS					FIVE INTERNATIONAL MOST DISTURBED DAYS				
April 2014	10	6	27	2	22	20	12	21*	30*	13*

APRIL 2014						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	Am	Σ Km	Ap	Σ Kp
1	11	8	4	14	9	CK	3 0+	5 1-	8 1+	4 1-	12 2-	15 2o	9 1+	16 2o	9	10o	5	9+
2	9	7	6	10	8	CC*	4 1-	4 1-	4 1-	4 1-	7 1o	10 1+	10 1+	10 1+	7	8-	3	6+
3	9	12	8	14	11	CC	5 1-	9 1+	7 1o	16 2o	15 2o	9 1+	10 1+	11 2-	10	11+	5	11o
4	13	9	8	15	11	CK	5 1-	11 2-	11 2-	10 1+	9 1+	15 2o	6 1o	3 0+	9	10o	5	10-
5	22	22	14	30	22		6 1o	5 1-	10 1+	33 3o	38 3+	24 3-	17 2+	34 3+	21	18-	12	19-
6	5	4	5	4	4	CK*	11 2-	2 0+	1 0o	3 0+	1 0o	3 0+	0 0o	8 1+	4	4o	2	4+
7	22	22	14	30	22		14 2o	7 1o	19 2+	10 1+	24 3-	41 4-	15 2o	11 2-	18	17-	10	17+
8	8	10	8	10	9	CK	11 2-	6 1o	0o	8 1+	18 2+	7 1o	4 1-	1 0o	7	8o	4	7+
9	7	11	7	12	9	CC	1 0o	5 1-	12 2-	9 1+	13 2-	9 1+	11 2-	4 1-	8	9o	4	8o
10	4	3	2	4	3	CC*	2 0+	2 0+	1 0o	2 0+	3 0+	1 0o	5 1-	2 0+	2	2+	2	3-
11	16	13	11	18	15		2 0+	12 2-	17 2+	10 1+	8 1+	15 2o	12 2-	40 3+	15	14o	7	12+
12	32	37	41	27	34		73 5-	32 3o	51 4o	40 3+	49 4-	10 1+	19 2+	21 3-	37	25o	20	26-
13	27	26	31	22	26		32 3o	31 3o	34 3+	33 3o	9 1+	10 1+	33 3o	15 2o	25	20o	15	23o
14	15	9	14	10	12	C	10 1+	8 1+	23 3-	8 1+	1 0o	6 1o	15 2o	11 2-	10	11+	6	12+
15	10	9	11	8	10	CC	8 1+	13 2-	12 2-	5 1-	7 1o	3 0+	7 1o	7 1o	8	9-	5	9+
16	7	7	6	8	7	CC	1 0o	3 0+	4 1-	11 2-	9 1+	1 0o	4 1-	12 2-	6	6+	3	6o
17	20	14	18	16	17	K	26 3-	19 2+	13 2-	9 1+	15 2o	22 3-	18 2+	10 1+	17	16+	11	18+
18	13	11	10	14	12	C	11 2-	16 2o	6 1o	11 2-	10 1+	8 1+	12 2-	22 3-	12	13+	6	13o
19	29	27	30	26	28		32 3o	30 3o	30 3o	27 3o	19 2+	32 3o	23 3-	9 1+	25	21+	14	22o
20	40	34	25	49	37		27 3o	14 2o	8 1+	40 3+	54 4o	37 3+	44 4-	51 4o	34	25-	22	27-
21	38	30	45	22	34		46 4-	44 4-	37 3+	44 4-	24 3-	35 3+	9 1+	9 1+	31	23o	18	24+
22	8	9	10	8	9	CK*	6 1o	13 2-	8 1+	9 1+	4 1-	8 1+	4 1-	7 1o	7	9o	4	7-
23	12	12	8	16	12	C	3 0+	5 1-	8 1+	14 2o	10 1+	15 2o	15 2o	15 2o	11	12-	5	11+
24	26	20	24	22	23		27 3o	11 2-	24 3-	20 2+	12 2-	19 2+	18 2+	22 3-	19	19-	11	20o
25	18	19	15	21	18		26 3-	19 2+	4 1-	9 1+	17 2+	18 2+	18 2+	12 2-	15	16-	8	15+
26	11	9	10	10	10	CK	4 1-	21 3-	11 2-	9 1+	7 1o	6 1o	7 1o	10 1+	9	11-	5	10-
27	7	5	4	8	6	CC*	7 1o	1 0o	0 0o	1 0o	5 1-	4 1-	2 0+	14 2o	4	5-	3	5+
28	10	10	13	7	10	CC	10 1+	17 2+	10 1+	13 2-	4 1-	3 0+	1 0o	11 2-	9	9+	5	9+
29	7	7	2	12	7	KK	5 1-	1 0o	1 0o	4 1-	5 1-	2 0+	5 1-	32 3o	7	6o	4	6+
30	30	29	26	33	29		18 2+	28 3o	30 3o	33 3o	38 3+	21 3-	46 4-	9 1+	28	22+	16	23+

ROT DAY IN SOLAR ROTATION INTERVAL Three-hour indices Km(provisional) APR 2014



ROT DAY IN SOLAR ROTATION INTERVAL Three-hour indices aa (logscale) APR-JUN 2014

