

SERVICE INTERNATIONAL DES INDICES GEOMAGNETIQUES
 INTERNATIONAL SERVICE OF GEOMAGNETIC INDICES



Bureau des Publications SIIG - Bulletin Mensuel n°04-04 - Avril 2004
ISGI Publications Office Monthly Bulletin n°04 - 04 - April 2004

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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

APRIL 2004

SSC - Storm Sudden Commencements

03 09 46	B: ESK* VAL HAD*
	C: LER* NGK* BDV* GCK SPT* HYB
03 14 10	A: COI GUI*
	B: LER* ESK* HAD* CLF* NAG* SPT
	C: NGK* BDV* EBR*
09 02 33	A: NAG* COI GUI
	B: LER ESK HAD EBR
	C: NGK* BDV* SPT
10 20 10	A: CLF* GUI*
	B: BDV* EBR HYB GNA
	C: LER* ESK* NGK* HAD* NAG*
	SI: VAL
24 08 57	B: SOD*
	SI: LER* ESK* HAD*
26 16 04	A: LER* ESK* HAD* CLF GUI
	B: SPT* HYB
	C: SOD* NGK* BDV* HRB
	SI: VAL

SFE - Solar Flare Effects

01	1243-1307	NAG
04	1457-1508	NGK+ GUI
11	2024-2107	GUI
12	0508-0528	HYB
12	1817-1910	GUI

REPORTING OBSERVATORIES (up to 07/06/2004) :

SOD NUR LER ESK NGK VAL HAD BDV CLF HRB NAG GCK EBR COI SPT HTY GUI HYB GNA CNB

	FIVE INTERNATIONAL QUIETEST DAYS					FIVE INTERNATIONAL MOST DISTURBED DAYS				
April 2004	2	1	22	20	29	3	6	5	9*	23*

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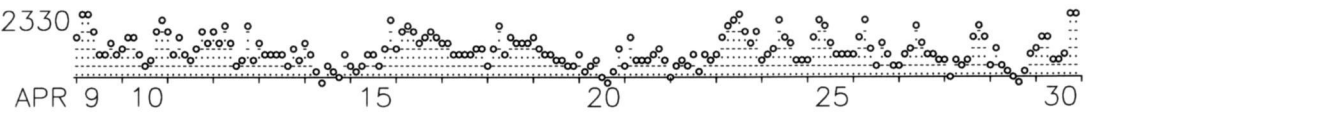
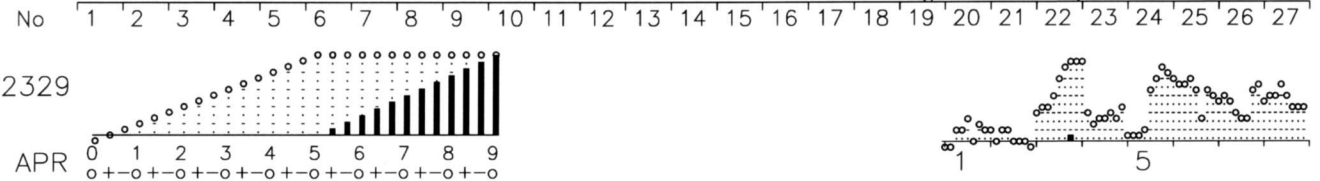
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APRIL 2004		Geomagnetic Indices (provisional)												Daily Average and Sum				
	aa				quiet days	am and Km for each three hour interval								Am		Σ Kp		
	N	S	am	pm		D	1	2	3	4	5	6	7	8	Am	Σ Kp	Ap	Σ Kp
1	8	7	6	9	7	CK*	1 0o	1 0o	6 1o	7 1o	12 2-	3 0+	9 1+	6 1o	6	6+	4	7+
2	6	5	6	4	5	CC*	7 1o	3 0+	6 1o	6 1o	3 0+	3 0+	3 0+	1 0o	4	4+	3	5o
3	71	48	19	100	60		14 2o	19 2+	20 2+	27 3o	53 4o	86 5-	108 5+	97 5o	53	29-	41	33o
4	26	18	28	16	22		99 5o	14 2o	8 1+	11 2-	11 2-	14 2o	11 2-	19 2+	23	18-	18	19o
5	38	39	5	72	38		5 1-	5 1-	5 1-	7 1o	36 3+	52 4o	85 5-	66 4+	33	19+	24	22-
6	40	42	49	33	41		59 4o	45 4-	47 4-	54 4o	38 3+	12 2-	34 3+	33 3o	40	27-	25	29+
7	28	20	24	24	24		23 3-	27 3o	22 3-	16 2o	11 2-	13 2-	40 3+	44 4-	25	21-	12	21o
8	28	27	30	25	27		23 3-	32 3o	31 3o	49 4-	28 3o	18 2+	18 2+	19 2+	27	22+	14	23o
9	22	32	37	17	27		26 3-	52 4o	51 4o	27 3o	12 2-	13 2-	19 2+	11 2-	26	21o	16	23o
10	25	17	17	25	21		16 2o	23 3-	25 3-	11 2-	7 1o	8 1+	30 3o	44 4-	21	18o	11	18o
11	24	13	19	18	19		29 3o	13 2-	25 3-	13 2-	8 1+	14 2o	27 3o	18 2+	18	18-	10	18o
12	20	16	20	16	18		27 3o	17 2+	34 3+	17 2+	7 1o	8 1+	35 3+	9 1+	19	18o	10	18-
13	15	12	12	15	14	CK	18 2+	11 2-	11 2-	11 2-	13 2-	6 1o	14 2o	10 1+	12	13+	6	14-
14	9	8	9	9	9	CC	17 2+	12 2-	4 1-	0 0o	7 1o	5 1-	2 0+	13 2-	8	8+	4	8o
15	17	13	9	21	15		7 1o	4 1-	6 1o	13 2-	12 2-	7 1o	15 2o	42 4-	13	13-	7	12+
16	28	27	28	27	27		16 2o	30 3o	38 3+	31 3o	17 2+	26 3-	31 3o	24 3-	27	22o	13	22o
17	18	16	15	19	17		18 2+	20 2+	11 2-	11 2-	13 2-	12 2-	15 2o	15 2o	14	15+	8	15o
18	17	24	15	26	20		7 1o	14 2o	35 3+	11 2-	24 3-	19 2+	17 2+	19 2+	18	18-	8	16+
19	15	8	13	10	11	C	23 3-	14 2o	12 2-	11 2-	10 1+	8 1+	6 1o	6 1o	11	13-	6	12o
20	9	5	7	7	7	CC*	12 2-	4 1-	6 1o	9 1+	2 0+	1 0o	4 1-	15 2o	7	8-	4	8+
21	15	10	11	14	13	KC	6 1o	26 3-	9 1+	9 1+	8 1+	11 2-	16 2o	10 1+	12	13-	7	13+
22	9	6	6	9	8	C*	3 0+	6 1o	10 1+	6 1o	11 2-	5 1-	11 2-	9 1+	8	9o	4	9-
23	36	37	33	39	36		13 2-	23 3-	38 3+	48 4-	52 4o	30 3o	19 2+	33 3o	32	24-	19	27-
24	15	22	20	17	18		9 1+	12 2-	15 2o	47 4-	25 3-	17 2+	10 1+	10 1+	18	16+	10	18-
25	23	29	34	18	26		9 1+	25 3-	41 4-	35 3+	18 2+	13 2-	11 2-	12 2-	21	18+	11	20-
26	14	7	7	15	11	KK	12 2-	21 3-	43 4-	15 2o	6 1o	17 2+	12 2-	6 1o	17	16o	5	11-
27	9	8	8	10	9	CC	7 1o	13 2-	14 2o	36 3+	18 2+	11 2-	13 2-	9 1+	15	15o	4	9+
28	25	9	6	28	17	K	8 1+	2 0+	10 1+	6 1o	10 1+	25 3-	34 3+	23 3-	15	14o	9	15o
29	9	5	7	7	7	C*	6 1o	14 2o	6 1o	5 1-	3 0+	0 0o	5 1-	13 2-	7	7+	4	8+
30	33	23	16	40	28		16 2o	21 3-	22 3-	8 1+	8 1+	13 2-	51 4o	53 4o	24	20-	16	22-

ROT DAY IN SOLAR ROTATION INTERVAL Three-hour indices Km(provisional) APR 2004



ROT DAY IN SOLAR ROTATION INTERVAL Three-hour indices aa (logscale) APR-JUN 2004

