

SERVICE INTERNATIONAL DES INDICES GEOMAGNETIQUES  
 INTERNATIONAL SERVICE OF GEOMAGNETIC INDICES



Bureau des Publications SIIG - Bulletin Mensuel n°02-05 - Fevrier 2005  
 ISGI Publications Office Monthly Bulletin n°02 - 05- February 2005

**ERRATUM:**

Unfortunately there is an error in the International Quietest and Most Disturbed Days. The last Most Disturbed Day is 28\* instead of 17\*. The error is caused by a recalculation of the December Kp

**CONTENTS**

<b>Rapid Variations</b>	- provisional determination of ssc and sfe	February 2004
<b>Classification of days</b>	- five international quietest days and most disturbed days	February 2004
<b>aa</b>	- hemispheric N, S, daily values and planetary half day and daily values	February 2004
	- musical diagram of aa (latest values)	February to 10 April 2005
<b>Quiet periods</b>	- truly magnetically very quiet (C) and quiet (K) periods of 24 and 48 hours, and 5 international quietest days (*)	February 2004
<b>am, Km</b>	- three hour indices values musical diagram of Km	February 2004
<b>Am, ΣKm</b>	- daily values	February 2004
<b>Ap, ΣKp</b>	- daily values	February 2004
	- monthly tables of hourly indices	February 2004

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).*

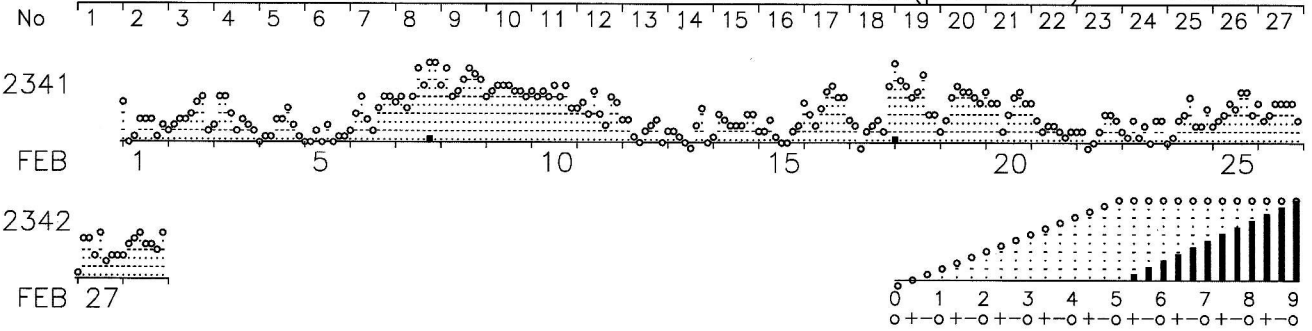
*Special thanks are due to contributors (quoted below) for providing the here published geomagnetic data within shortly possible delay.*

<b>PRELIMINARY REPORT ON RAPID VARIATIONS</b>		<b>FEBRUARY 2005</b>
<b>SSC - Storm Sudden Commencements</b>	<b>SFE - Solar Flare Effects</b>	
None	None	
REPORTING OBSERVATORIES (up to 01/04/2005) :		
SOD NUR LER ESK NGK VAL HAD BDV CLF HRB NAG GCK EBR COI SPT HTY GUI GNA CNB		

	<b>FIVE INTERNATIONAL QUIETEST DAYS</b>					<b>FIVE INTERNATIONAL MOST DISTURBED DAYS</b>				
<b>February 2005</b>	5	23	4	15	13	18	8	7	9	10

FEBRUARY 2005		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	12	12	11	12	C	23 3-	3 0+	5 1-	13 2-	12 2-	11 2-	5 1-	10 1+	10	11-	6	10+				
2	18	11	8	21	15		6 10	9 1+	12 2-	12 2-	14 20	25 3-	28 30	6 10	14	14+	9	160				
3	21	16	28	9	19		8 1+	31 30	31 30	15 20	7 10	11 2-	9 1+	7 10	15	14+	9	15+				
4	6	12	7	11	9	CC *	3 0+	4 1-	5 1-	13 2-	13 2-	17 2+	9 1+	4 1-	9	9+	3	6+				
5	6	6	6	6	6	CK *	3 0+	3 0+	6 10	2 0+	10 1+	2 0+	4 1-	4 1-	4	50	2	4-				
6	19	21	18	22	20		6 10	15 20	29 30	11 2-	7 10	17 2+	28 30	33 30	18	170	10	17-				
7	57	44	22	79	51		25 3-	27 30	19 2+	28 30	72 5-	50 4-	104 5+	96 50	53	30-	30	310				
8	54	49	42	61	52		41 4-	76 5-	31 30	39 3+	54 40	76 5-	64 4+	51 40	54	32-	32	34-				
9	48	39	45	42	44		30 30	39 3+	45 4-	42 4-	46 4-	35 3+	39 3+	32 30	39	270	25	31-				
10	44	32	30	46	38		37 3+	30 30	34 3+	32 30	50 4-	27 30	49 4-	19 2+	35	25+	21	280				
11	27	22	26	23	24		18 2+	23 3-	15 20	39 3+	15 20	10 1+	29 30	25 3-	22	19+	12	21-				
12	10	8	9	9	9	CK	12 2-	11 2-	4 1-	2 0+	6 10	10 1+	11 2-	3 0+	7	9-	4	90				
13	7	8	7	8	7	CC *	7 10	6 10	5 1-	2 0+	1 00	9 1+	17 2+	3 0+	6	70	4	7+				
14	14	8	9	13	11	CC	5 1-	14 20	13 2-	8 1+	10 1+	8 1+	14 20	16 20	11	12+	5	11+				
15	7	9	9	7	8	CK *	6 10	6 10	12 2-	5 1-	2 0+	3 0+	6 10	9 1+	6	7+	4	70				
16	35	33	21	47	34		21 3-	15 20	10 1+	20 2+	40 3+	42 4-	31 30	29 30	26	21+	14	22+				
17	14	12	8	19	13	K	13 2-	10 1+	1 00	7 10	9 1+	13 2-	6 10	48 4-	13	12-	6	12-				
18	53	49	64	38	51		119 5+	55 40	49 4-	33 30	39 3+	64 4+	16 20	14 20	49	28-	32	310				
19	32	29	27	35	31		7 10	11 2-	30 30	49 4-	40 3+	34 3+	28 30	22 3-	28	22-	16	23+				
20	37	20	24	33	28		34 3+	21 3-	23 3-	6 10	14 20	31 30	36 3+	23 3-	24	21-	14	210				
21	13	6	12	8	10	C	25 3-	12 2-	6 10	8 1+	10 1+	7 10	4 1-	6 10	10	11-	6	110				
22	9	10	6	14	10	CC	6 10	7 10	1 00	3 0+	7 10	16 20	15 20	13 2-	9	90	4	8-				
23	10	10	10	11	10	CC *	6 10	4 1-	11 2-	5 1-	8 1+	2 0+	12 2-	11 2-	7	90	4	7-				
24	12	13	9	17	13	K C	2 0+	4 1-	11 2-	15 20	33 30	10 1+	8 1+	18 2+	13	13-	5	10-				
25	22	19	13	27	20		8 1+	11 2-	15 20	21 3-	19 2+	40 3+	36 3+	14 20	21	19-	9	17+				
26	20	21	20	21	21		22 3-	13 2-	15 20	22 3-	24 3-	23 3-	25 3-	12 2-	20	19-	10	20-				
27	16	16	14	18	16		4 1-	21 3-	21 3-	12 2-	28 30	10 1+	12 2-	11 2-	15	15+	8	14+				
28	28	20	23	25	24		13 2-	18 2+	22 3-	29 30	18 2+	20 2+	14 20	33 30	21	19+	13	22-				

ROT DAY IN SOLAR ROTATION INTERVAL Three-hour indices Km(provisional) FEB 2005



ROT DAY IN SOLAR ROTATION INTERVAL Three-hour indices aa (logscale) FEB-APR 2005

