

SERVICE INTERNATIONAL DES INDICES GEOMAGNETIQUES
 INTERNATIONAL SERVICE OF GEOMAGNETIC INDICES



Bureau des Publications SIIG - Bulletin Mensuel n°05-04 - Mai 2004
 ISGI Publications Office Monthly Bulletin n°05-04 - May 2004

C O N T E N T S

| | | |
|-------------------------------|---|------------------------|
| Rapid Variations | - provisional determination of ssc and sfe | May 2004 |
| Classification of days | - five international quietest days and most disturbed days | May 2004 |
| aa | - hemispheric N, S, daily values and planetary half day and daily values | May 2004 |
| | - musical diagram of aa (latest values) | May up to 18 July 2004 |
| Quiet periods | - truly magnetically very quiet (C) and quiet (K) periods of 24 and 48 hours, and 5 international quietest days (*) | May 2004 |
| am, Km | - three hour indices values musical diagram of Km | May 2004 |
| Am, ΣKm | - daily values | May 2004 |
| Ap, ΣKp | - daily values | May 2004 |
| | - monthly tables of hourly indices | May 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.

PRELIMINARY REPORT ON RAPID VARIATIONS

MAY 2004

SSC - Storm Sudden Commencements

NONE

SFE - Solar Flare Effects

02 1117-1138 NAG GUI
 02 1123-1141 ESK NGK+ HAD BDV+
 05 1717-1728 GUI
 07 0415-0430 KAK+
 17 0415-0430 MMB+ KNY+
 28 1212-1230 BDV

REPORTING OBSERVATORIES (up to 1 July 2004) :

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

| | FIVE INTERNATIONAL QUIETEST DAYS | | | | | FIVE INTERNATIONAL MOST DISTURBED DAYS | | | | |
|-----------------|----------------------------------|----|----|----|----|--|-----|----|-----|-----|
| May 2004 | 26 | 18 | 17 | 27 | 16 | 7* | 29* | 5* | 20* | 31* |

Directeur de la Publication : J. PARIS - Edité le 26/07/2004 par E. LEMAULF

Collaborateurs : L.F.ALBERCA SILVA - P. CUGNON - T. KAMEI - M. MENVIELLE - M. SIEBERT - M. SUGIURA

Bureau des Publications SIIG - fondé par A. BERTHELIER

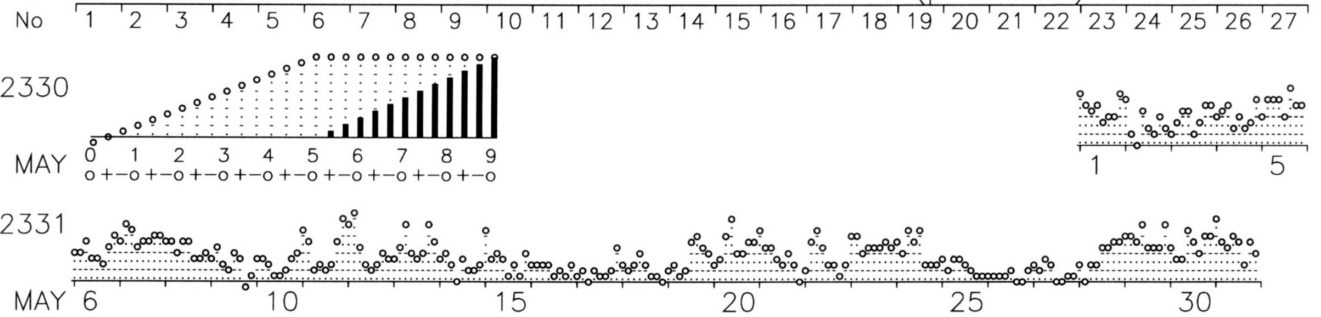
CETP 4, avenue Neptune - 94107 SAINT MAUR DES FOSSES CEDEX - FRANCE

Téléphone : +33 +1 45 11 42 47 - Télécopie : +33 +1 48 89 44 33 Email : Josette.PARIS@cetp.ipsl.fr

Web : <http://www.cetp.ipsl.fr/~isgi/homepag1.htm>

| MAY 2004 | | | | | 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 | 24 | 19 | 25 | 18 | 22 | | 40 3+ | 22 3- | 20 2+ | 22 3- | 12 2- | 14 2o | 14 2o | 35 3+ | 22 | 20o | 9 | 18o |
| 2 | 17 | 8 | 17 | 9 | 13 | KK | 29 3o | 7 1o | 3 0+ | 18 2+ | 8 1+ | 6 1o | 14 2o | 9 1+ | 12 | 12+ | 6 | 12o |
| 3 | 15 | 14 | 10 | 19 | 15 | | 7 1o | 11 2- | 18 2+ | 18 2+ | 7 1o | 11 2- | 22 3- | 22 3- | 15 | 15+ | 6 | 14- |
| 4 | 17 | 19 | 17 | 19 | 18 | | 16 2o | 20 2+ | 23 3- | 10 1+ | 16 2o | 8 1+ | 13 2- | 29 3o | 17 | 16+ | 7 | 15o |
| 5 | 29 | 28 | 25 | 33 | 29 | | 14 2o | 29 3o | 30 3o | 33 3o | 16 2o | 44 4- | 26 3- | 22 3- | 27 | 22o | 14 | 23o |
| 6 | 19 | 14 | 14 | 19 | 17 | | 16 2o | 15 2o | 21 3- | 12 2- | 13 2- | 8 1+ | 18 2+ | 28 3o | 16 | 17- | 8 | 16+ |
| 7 | 31 | 29 | 30 | 30 | 30 | | 24 3- | 44 4- | 38 3+ | 20 2+ | 25 3- | 24 3- | 30 3o | 31 3o | 30 | 23+ | 16 | 25- |
| 8 | 20 | 18 | 18 | 20 | 19 | | 21 3- | 23 3- | 14 2o | 23 3- | 23 3- | 12 2- | 13 2- | 16 2o | 18 | 18o | 8 | 17+ |
| 9 | 9 | 10 | 8 | 11 | 9 | CK | 11 2- | 19 2+ | 8 1+ | 6 1o | 15 2o | 11 2- | 0o | 5 1- | 9 | 11- | 5 | 10+ |
| 10 | 14 | 7 | 9 | 13 | 11 | CK | 11 2- | 11 2- | 8 1+ | 5 1- | 5 1- | 6 1o | 13 2- | 16 2o | 9 | 11- | 6 | 12- |
| 11 | 27 | 15 | 19 | 24 | 21 | | 34 3+ | 22 3- | 7 1o | 9 1+ | 7 1o | 9 1+ | 24 3- | 56 4o | 21 | 17+ | 12 | 18+ |
| 12 | 28 | 16 | 32 | 12 | 22 | | 43 4- | 61 4+ | 18 2+ | 10 1+ | 7 1o | 8 1+ | 14 2o | 11 2- | 22 | 18- | 12 | 17+ |
| 13 | 25 | 23 | 25 | 23 | 24 | | 11 2- | 19 2+ | 44 4- | 16 2o | 11 2- | 16 2o | 44 4- | 26 3- | 23 | 20- | 12 | 19o |
| 14 | 12 | 7 | 7 | 13 | 10 | C | 12 2- | 16 2o | 8 1+ | 3 0+ | 11 2- | 7 1o | 7 1o | 10 1+ | 9 | 10+ | 5 | 11o |
| 15 | 13 | 9 | 12 | 9 | 11 | CC | 35 3+ | 11 2- | 14 2o | 12 2- | 5 1- | 8 1+ | 4 1- | 15 2o | 13 | 13+ | 7 | 13+ |
| 16 | 10 | 7 | 8 | 9 | 8 | CC* | 10 1+ | 8 1+ | 8 1+ | 8 1+ | 5 1- | 6 1o | 5 1- | 10 1+ | 8 | 9o | 4 | 8o |
| 17 | 11 | 5 | 5 | 11 | 8 | CC* | 5 1- | 6 1o | 2 0+ | 6 1o | 5 1- | 4 1- | 6 1o | 17 2+ | 6 | 8- | 4 | 7+ |
| 18 | 9 | 6 | 8 | 7 | 7 | CC* | 9 1+ | 6 1o | 9 1+ | 15 2o | 8 1+ | 4 1- | 4 1- | 2 0+ | 7 | 9- | 4 | 7+ |
| 19 | 24 | 14 | 7 | 32 | 19 | | 6 1o | 8 1+ | 5 1- | 7 1o | 22 3- | 32 3o | 20 2+ | 14 2o | 14 | 14o | 9 | 15+ |
| 20 | 28 | 22 | 28 | 22 | 25 | | 10 1+ | 11 2- | 31 3o | 51 4o | 16 2o | 14 2o | 25 3- | 23 3- | 23 | 19+ | 13 | 21- |
| 21 | 17 | 11 | 17 | 12 | 14 | | 40 3+ | 18 2+ | 17 2+ | 11 2- | 10 1+ | 14 2o | 9 1+ | 3 0+ | 15 | 15- | 7 | 14- |
| 22 | 15 | 13 | 19 | 9 | 14 | | 7 1o | 23 3- | 38 3+ | 20 2+ | 10 1+ | 10 1+ | 4 1- | 9 1+ | 15 | 14o | 8 | 14o |
| 23 | 23 | 16 | 18 | 21 | 20 | | 29 3o | 29 3o | 15 2o | 17 2+ | 19 2+ | 17 2+ | 23 3- | 17 2+ | 21 | 20o | 11 | 20o |
| 24 | 24 | 20 | 25 | 19 | 22 | | 26 3- | 14 2o | 37 3+ | 26 3- | 37 3+ | 9 1+ | 8 1+ | 8 1+ | 21 | 18o | 10 | 18o |
| 25 | 8 | 7 | 9 | 6 | 8 | CK | 11 2- | 6 1o | 13 2- | 13 2- | 8 1+ | 6 1o | 4 1- | 5 1- | 8 | 10- | 4 | 9+ |
| 26 | 7 | 5 | 4 | 7 | 6 | CC* | 4 1- | 4 1- | 4 1- | 5 1- | 6 1o | 3 0+ | 2 0+ | 7 1o | 4 | 5+ | 3 | 6+ |
| 27 | 6 | 5 | 7 | 4 | 5 | CC* | 8 1+ | 7 1o | 13 2- | 9 1+ | 2 0+ | 3 0+ | 4 1- | 4 1- | 6 | 7+ | 4 | 8- |
| 28 | 14 | 15 | 5 | 24 | 15 | | 8 1+ | 3 0+ | 9 1+ | 9 1+ | 18 2+ | 20 2+ | 26 3- | 24 3- | 15 | 14+ | 7 | 13+ |
| 29 | 38 | 22 | 32 | 27 | 30 | | 28 3o | 30 3o | 25 3- | 41 4- | 18 2+ | 20 2+ | 18 2+ | 45 4- | 28 | 23o | 15 | 24- |
| 30 | 22 | 22 | 18 | 26 | 22 | | 17 2+ | 11 2- | 12 2- | 34 3+ | 25 3- | 14 2o | 30 3o | 33 3o | 22 | 20- | 12 | 20- |
| 31 | 25 | 20 | 25 | 20 | 23 | | 52 4o | 26 3- | 20 2+ | 27 3o | 26 3- | 9 1+ | 22 3- | 14 2o | 25 | 21- | 12 | 21- |

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



ROT DAY IN SOLAR ROTATION INTERVAL Three-hour indices aa (logscale) MAY-JUL 2004

