



Bureau des Publications SIIG - Bulletin Mensuel n°10-04 - Octobre 2004
ISGI Publications Office Monthly Bulletin n°10 - 04 - October 2004

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

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 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.

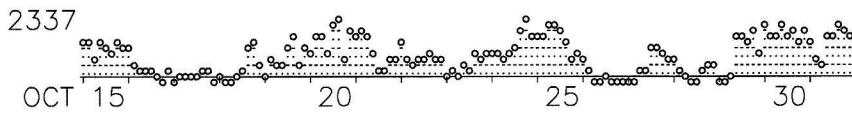
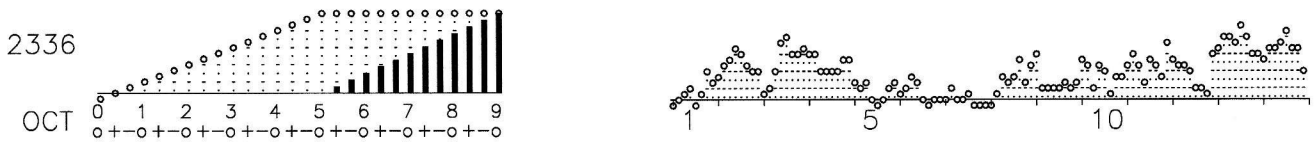
*This Bulletin is freely offered to interested Scientists thanks to a dotation from FAGS, and to the support of the hosting laboratory CETP and of French Organisations of Scientific Research (CNRS, INSU, BCMT).
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| PRELIMINARY REPORT ON RAPID VARIATIONS | | OCTOBER 2004 |
|---|--|---|
| SSC - Storm Sudden Commencements | | SFE - Solar Flare Effects |
| 27 12 12 B: SOD LER* ESK* HAD* C: HRB SPT | | 20 1051-1106 BDV+ 27 1211-1236 GUI 28 0857-0907 BDV |
| REPORTING OBSERVATORIES (up to 3/12/2004) : | | |
| SOD NUR LER ESK NGK VAL HAD BDV CLF HRB NAG GCK EBR COI SPT GUI GNA CNB | | |

| | FIVE INTERNATIONAL QUIETEST DAYS | | | | | FIVE INTERNATIONAL MOST DISTURBED DAYS | | | | |
|---------------------|---|----|---|----|----|---|----|-----|-----|----|
| October 2004 | 17 | 26 | 7 | 28 | 23 | 13 | 14 | 30* | 31* | 4* |

| OCTOBER 2004 | | Geomagnetic Indices (provisional) | | | | | | | | | | | Daily Average and Sum | | | | | |
|--------------|----|-----------------------------------|--|----|------|-----|-------|-------|-------|-------|-------|-------|-----------------------|-------|---------|-----|------|-----|
| aa | | quiet | am and Km for each three hour interval | | | | | | | | | | Am Σ Km | | Ap Σ Kp | | | |
| N | S | am | pm | D | days | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | Am | Σ Km | Ap | Σ Kp | |
| 1 | 9 | 5 | 5 | 9 | 7 | CK | 1 0o | 3 0+ | 4 1- | 6 1o | 1 0o | 5 1- | 14 2o | 10 1+ | 6 | 6o | 3 | 6o |
| 2 | 23 | 29 | 27 | 26 | 26 | | 12 2- | 19 2+ | 24 3- | 34 3+ | 32 3o | 20 2+ | 16 2o | 16 2o | 22 | 19+ | 11 | 20- |
| 3 | 32 | 27 | 18 | 41 | 29 | | 4 1- | 6 1o | 14 2o | 44 4- | 58 4o | 30 3o | 27 3o | 40 3+ | 28 | 21- | 12 | 19+ |
| 4 | 30 | 18 | 25 | 23 | 24 | | 30 3o | 28 3o | 16 2o | 14 2o | 16 2o | 14 2o | 26 3- | 21 3- | 21 | 19+ | 12 | 20+ |
| 5 | 10 | 6 | 10 | 5 | 8 | CK | 9 1+ | 7 1o | 10 1+ | 2 0+ | 1 0o | 3 0+ | 7 1o | 10 1+ | 6 | 7- | 4 | 8- |
| 6 | 6 | 5 | 8 | 3 | 5 | CC | 4 1- | 6 1o | 11 2- | 10 1+ | 2 0+ | 1 0o | 2 0+ | 3 0+ | 5 | 6- | 3 | 6- |
| 7 | 4 | 5 | 4 | 5 | 4 | CC* | 3 0+ | 6 1o | 3 0+ | 2 0+ | 5 1- | 1 0o | 0 0o | 0 0o | 3 | 3- | 2 | 3o |
| 8 | 11 | 13 | 8 | 16 | 12 | CC | 0 0o | 5 1- | 11 2- | 8 1+ | 13 2- | 21 3- | 9 1+ | 17 2+ | 11 | 12- | 5 | 11o |
| 9 | 11 | 8 | 12 | 7 | 9 | CK | 29 3o | 7 1o | 7 1o | 6 1o | 6 1o | 8 1+ | 6 1o | 9 1+ | 10 | 11- | 5 | 9+ |
| 10 | 19 | 12 | 18 | 13 | 16 | K | 22 3- | 17 2+ | 6 1o | 19 2+ | 14 2o | 4 1- | 12 2- | 13 2- | 13 | 14+ | 8 | 15o |
| 11 | 19 | 16 | 16 | 19 | 18 | | 17 2+ | 28 3o | 17 2+ | 10 1+ | 22 3- | 18 2+ | 12 2- | 45 4- | 21 | 19+ | 11 | 19+ |
| 12 | 20 | 10 | 16 | 15 | 15 | | 23 3- | 19 2+ | 20 2+ | 16 2o | 6 1o | 6 1o | 4 1- | 30 3o | 16 | 15o | 9 | 16- |
| 13 | 55 | 42 | 43 | 54 | 48 | | 39 3+ | 59 4o | 53 4o | 43 4- | 75 5- | 52 4o | 33 3o | 27 3o | 48 | 30- | 33 | 34o |
| 14 | 45 | 38 | 37 | 46 | 41 | | 25 3- | 36 3+ | 38 3+ | 49 4- | 61 4+ | 38 3+ | 39 3+ | 16 2o | 38 | 26o | 22 | 29o |
| 15 | 19 | 13 | 16 | 16 | 16 | | 17 2+ | 19 2+ | 8 1+ | 18 2+ | 14 2o | 11 2- | 17 2+ | 14 2o | 15 | 16+ | 8 | 17- |
| 16 | 9 | 8 | 13 | 4 | 8 | CC | 16 2o | 7 1o | 5 1- | 5 1- | 4 1- | 2 0+ | 1 0o | 5 1- | 6 | 6o | 4 | 7+ |
| 17 | 2 | 2 | 2 | 2 | 2 | CC* | 0 0o | 2 0+ | 2 0+ | 3 0+ | 2 0+ | 4 1- | 4 1- | 1 0o | 2 | 3- | 2 | 2+ |
| 18 | 9 | 7 | 2 | 14 | 8 | CC | 2 0+ | 0 0o | 1 0o | 2 0+ | 5 1- | 16 2o | 18 2+ | 7 1o | 6 | 7- | 3 | 6o |
| 19 | 8 | 11 | 5 | 14 | 10 | CK | 3 0+ | 8 1+ | 6 1o | 6 1o | 16 2o | 22 3- | 6 1o | 14 2o | 10 | 11+ | 4 | 7o |
| 20 | 25 | 29 | 17 | 38 | 27 | | 12 2- | 24 3- | 23 3- | 11 2- | 38 3+ | 42 4- | 8 1+ | 27 3o | 23 | 20o | 12 | 20- |
| 21 | 19 | 12 | 23 | 8 | 15 | | 23 3- | 27 3o | 26 3- | 12 2- | 5 1- | 5 1- | 8 1+ | 8 1+ | 14 | 14o | 8 | 14+ |
| 22 | 12 | 11 | 12 | 11 | 12 | CC | 18 2+ | 9 1+ | 6 1o | 10 1+ | 10 1+ | 12 2- | 10 1+ | 8 1+ | 10 | 12- | 6 | 12o |
| 23 | 6 | 6 | 4 | 8 | 6 | CC* | 3 0+ | 4 1- | 3 0+ | 7 1o | 4 1- | 13 2- | 10 1+ | 12 2- | 7 | 8- | 2 | 4o |
| 24 | 22 | 20 | 10 | 32 | 21 | | 12 2- | 12 2- | 10 1+ | 11 2- | 14 2o | 30 3o | 44 4- | 21 3- | 19 | 18- | 8 | 14o |
| 25 | 21 | 20 | 26 | 15 | 21 | | 22 3- | 26 3- | 35 3+ | 38 3+ | 28 3o | 19 2+ | 10 1+ | 11 2- | 24 | 20+ | 12 | 20+ |
| 26 | 5 | 5 | 5 | 4 | 5 | CC* | 8 1+ | 4 1- | 1 0o | 1 0o | 3 0+ | 1 0o | 0 0o | 0 0o | 2 | 2+ | 1 | 2+ |
| 27 | 8 | 11 | 5 | 14 | 9 | CC | 1 0o | 0 0o | 5 1- | 4 1- | 14 2o | 16 2o | 11 2- | 10 1+ | 8 | 8+ | 3 | 6+ |
| 28 | 6 | 6 | 6 | 7 | 6 | CC* | 9 1+ | 5 1- | 2 0+ | 1 0o | 1 0o | 4 1- | 7 1o | 7 1o | 5 | 5o | 2 | 4+ |
| 29 | 15 | 19 | 7 | 27 | 17 | | 1 0o | 0 0o | 3 0+ | 21 3- | 26 3- | 18 2+ | 32 3o | 11 2- | 14 | 13- | 6 | 12o |
| 30 | 34 | 31 | 37 | 28 | 33 | | 34 3+ | 26 3- | 23 3- | 40 3+ | 26 3- | 33 3o | 19 2+ | 33 3o | 29 | 23o | 17 | 25o |
| 31 | 34 | 21 | 19 | 36 | 27 | | 18 2+ | 10 1+ | 7 1o | 24 3- | 26 3- | 37 3+ | 28 3o | 25 3- | 22 | 19o | 12 | 21- |

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



ROT DAY IN SOLAR ROTATION INTERVAL Three-hour indices aa (logscale) OCT-DEC 2004

