

FEDERATION DES SERVICES D'ANALYSE DE DONNEES ASTRONOMIQUES ET GEOPHYSIQUES  
 FEDERATION OF ASTRONOMICAL AND GEOPHYSICAL DATA ANALYSIS SERVICES  
 SERVICE INTERNATIONAL DES INDICES GEOMAGNETIQUES  
 INTERNATIONAL SERVICE OF GEOMAGNETIC INDICES



**Bureau des Publications SIIG - Bulletin Mensuel n°02 - 02 - Février 2002**  
**ISGI Publications Office Monthly Bulletin n°02 - 02 - February 2002**

**C O N T E N T S**

<b>Rapid Variations</b>	- provisional determination of ssc and sfe	February 2002
<b>Classification of days</b>	- five international quietest days and most disturbed days	February 2002
<b>aa</b>	- hemispheric N, S, daily values and planetary half day and daily values	February 2002
	- musical diagram of aa (latest values)	February up to April 21th 2002
<b>Quiet periods</b>	- truly magnetically very quiet (C) and quiet (K) periods of 24 and 48 hours, and 5 international quietest days (*)	February 2002
<b>am, Km</b>	- three hour indices values musical diagram of Km	February 2002
<b>Am, ΣKm</b>	- daily values	February 2002
<b>Ap, ΣKp</b>	- daily values	February 2002
	- monthly tables of hourly indices	February 2002

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

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<b>PRELIMINARY REPORT ON RAPID VARIATIONS</b>		<b>FEBRUARY 2002</b>
<b>SSC - Storm Sudden Commencements</b>		<b>SFE - Solar Flare Effects</b>
17 02 55    A: NAG* GUI HER B: CLF* EBR HYB C: NGK VAL BDV GCK HTY ETT si: HRB 28 04 51    A: SOD* VAL* CLF* NAG* SPT* GUI HYB ETT B: NUR NGK* BDV* HRB EBR* HTY HER C: GCK	20 0951-1012 BDV+	

REPORTING OBSERVATORIES (up to the 4th of April 2002) :

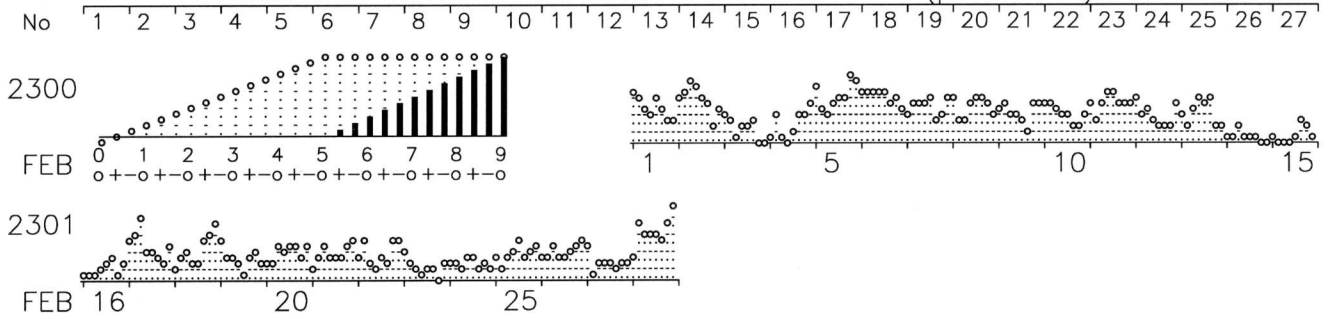
SOD NUR NGK VAL BDV CLF HRB NAG GCK MMB EBR SPT KAK HTY KNY GUI HYB ETT GNA HER CNB

	<b>FIVE INTERNATIONAL QUIETEST DAYS</b>					<b>FIVE INTERNATIONAL MOST DISTURBED DAYS</b>				
<b>February 2002</b>	14	15	23	3	16	28	6	5	2*	7*

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FEBRUARY 2002		Geomagnetic Indices <i>(provisional)</i>												Daily Average and Sum				
	aa				quiet days	am and Km for each three hour interval								Am $\Sigma$ Km		Ap $\Sigma$ Kp		
	N	S	am	pm		D	1	2	3	4	5	6	7	8				
1	27	25	26	26	26		40 3+	28 3o	18 2+	15 2o	32 3o	20 2+	11 2-	12 2-	22	19+	14	22-
2	27	27	30	24	27		28 3o	39 3+	58 4o	47 4-	33 3o	26 3-	9 1+	19 2+	32	23+	19	26-
3	9	9	10	8	9	C K *	14 2o	12 2-	5 1-	9 1+	10 1+	11 2-	2 0+	2 0+	8	9+	4	9o
4	12	11	7	17	12	K	4 1-	14 2o	4 1-	3 0+	7 1o	14 2o	15 2o	23 3-	11	11+	6	11+
5	43	34	26	51	39		42 4-	19 2+	16 2o	23 3-	30 3o	33 3o	67 4+	51 4o	35	25o	23	28-
6	43	34	45	31	38		37 3+	34 3+	36 3+	34 3+	39 3+	24 3-	27 3o	20 2+	31	25-	22	28+
7	32	19	27	24	26		16 2o	22 3-	21 3-	24 3-	30 3o	13 2-	14 2o	29 3o	21	20-	15	23+
8	27	20	19	28	24		33 3o	11 2-	12 2-	22 3-	28 3o	31 3o	23 3-	16 2o	22	20-	11	20+
9	26	16	20	22	21		17 2+	22 3-	15 2o	16 2o	13 2-	7 1o	23 3-	24 3-	17	17o	11	20-
10	17	12	18	11	15		22 3-	22 3-	18 2+	14 2o	15 2o	9 1+	9 1+	14 2o	15	16+	9	17-
11	28	26	24	30	27		24 3-	13 2-	23 3-	34 3+	34 3+	25 3-	22 3-	23 3-	25	22-	14	23-
12	21	17	21	17	19		28 3o	16 2o	19 2+	12 2-	8 1+	8 1+	9 1+	22 3-	15	16-	9	16+
13	28	17	21	24	22		15 2o	9 1+	20 2+	27 3o	22 3-	29 3o	9 1+	8 1+	17	17o	12	20-
14	5	6	7	4	5	C K *	4 1-	5 1-	8 1+	5 1-	5 1-	4 1-	2 0+	2 0+	4	5+	3	5-
15	8	8	5	11	8	C C *	4 1-	3 0+	3 0+	3 0+	5 1-	12 2-	9 1+	5 1-	6	6o	3	7-
16	9	7	5	10	8	C *	4 1-	4 1-	4 1-	6 1o	9 1+	13 2-	5 1-	9 1+	7	8o	5	10-
17	21	30	35	16	25		25 3-	32 3o	56 4o	16 2o	14 2o	11 2-	8 1+	17 2+	22	19o	12	20-
18	27	24	13	38	26		6 1o	11 2-	14 2o	8 1+	10 1+	24 3-	30 3o	47 4-	19	17-	11	18o
19	13	14	17	10	14	K	26 3-	12 2-	13 2-	8 1+	4 1-	12 2-	16 2o	10 1+	13	13o	6	11+
20	18	20	16	22	19		10 1+	8 1+	20 2+	14 2o	19 2+	17 2+	13 2-	19 2+	15	16-	8	16-
21	16	19	15	20	18		6 1o	11 2-	17 2+	13 2-	12 2-	11 2-	18 2+	25 3-	14	15o	8	16o
22	19	16	16	19	18		13 2-	25 3-	9 1+	6 1o	11 2-	9 1+	23 3-	21 3-	15	15o	8	15-
23	10	9	12	7	10	C K *	14 2o	10 1+	7 1o	5 1-	7 1o	6 1o	2 0+	9 1+	8	9-	4	8o
24	13	12	11	14	13	C C	8 1+	10 1+	7 1o	12 2-	13 2-	7 1o	9 1+	7 1o	9	10+	5	11+
25	14	21	13	22	18		11 2-	6 1o	11 2-	15 2o	21 3-	11 2-	15 2o	18 2+	14	15o	6	13+
26	18	18	16	20	18		11 2-	11 2-	18 2+	12 2-	12 2-	16 2o	18 2+	24 3-	15	16o	8	16o
27	16	9	14	11	13	C	19 2+	5 1-	9 1+	8 1+	9 1+	7 1o	8 1+	9 1+	9	11-	6	11o
28	57	34	33	58	45		11 2-	44 4-	32 3o	29 3o	29 3o	25 3-	42 4-	85 5-	37	25+	25	28o

ROT DAY IN SOLAR ROTATION INTERVAL Three-hour indices Km (provisional) FEB 2002



ROT DAY IN SOLAR ROTATION INTERVAL Three-hour indices aa (logscale) FEB-APR 2002

