



**Bureau des Publications SIIG - Bulletin Mensuel n°00 - 11 - Decembre 2000**  
*ISGI Publications Office Monthly Bulletin n°00 - 11 - December 2000*

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

<b>Rapid Variations</b>	- provisional determination of ssc and sfe	December 2000
<b>Classification of days</b>	- five international quietest days and most disturbed days	December 2000
<b>aa</b>	- hemispheric N, S, daily values and planetary half day and daily values	December 2000
	- musical diagram of aa (latest values)	Dec. up to Fev. 18 th 2001
<b>Quiet periods</b>	- truly magnetically very quiet (C) and quiet (K) periods of 24 and 48 hours, and 5 international quietest days (*)	December 2000
<b>am, Km</b>	- three hour indices values musical diagram of Km	December 2000
<b>Am, ΣKm</b>	- daily values	December 2000
<b>Ap, ΣKp</b>	- daily values	December 2000
	- monthly tables of hourly indices	December 2000
<b>Dst</b>	- monthly tables of hourly indices	December 2000

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).

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

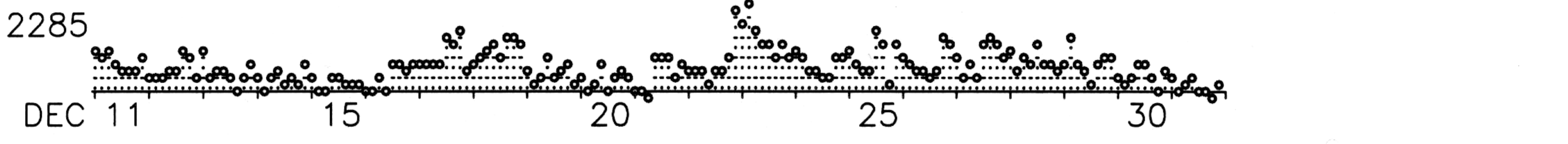
PRELIMINARY REPORT ON RAPID VARIATIONS		DECEMBER 2000	
<b>SSC - Storm Sudden Commencements</b>  03 04 09 C : WNG* NGK* GCK EBR 22 19 25 B : WNG CLF HRB SPT C : NGK BDV GCK EBR LNP HYB ETT		<b>SFE - Solar Flare Effects</b>  19 1207-1218 NAG 20 0512-0526 HTY+ 28 1324-1335 GUI	
REPORTING OBSERVATORIES (up to 1st of February 2001) : SOD NUR WNG NGK VAL BDV CLF HRB NAG GCK MMB EBR SPT KAK HTY KNY GUI LNP HYB ETT GNA CNB			

	FIVE INTERNATIONAL QUIETEST DAYS					FIVE INTERNATIONAL MOST DISTURBED DAYS				
<b>December 2000</b>	31	15	20	30	16	8	9	23	7*	10*

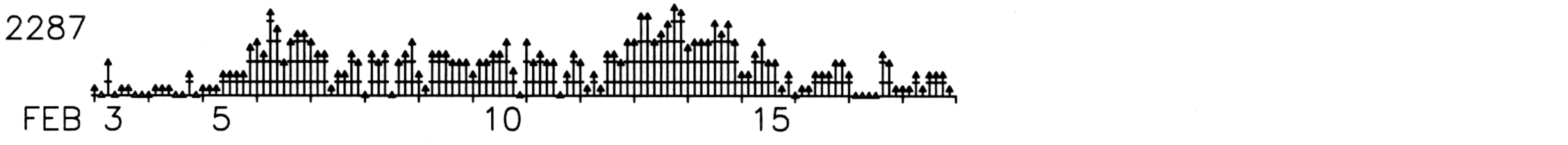
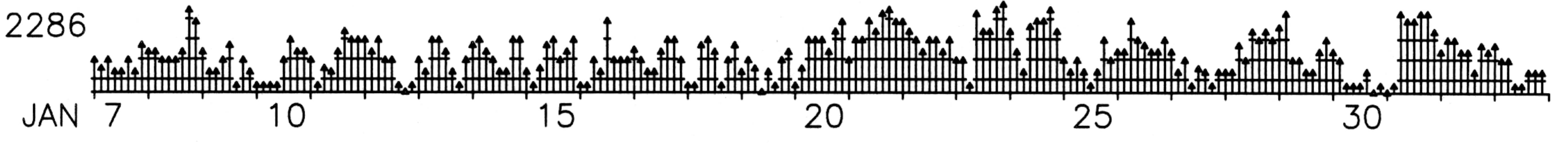
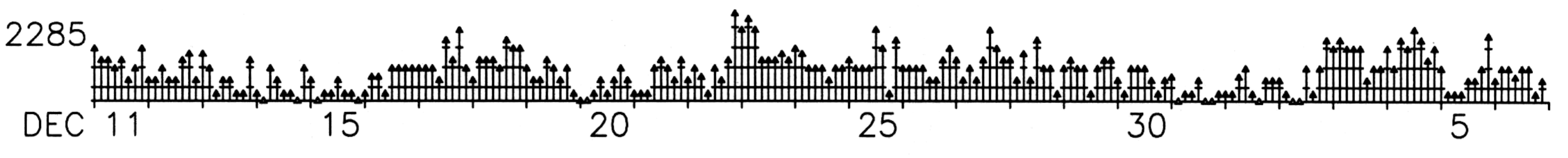


DECEMBER 2000						Geomagnetic Indices (provisional)								Daily Average and Sum				
	aa					quiet days	am and Km for each three hour interval								Daily Average and Sum			
	N	S	am	pm	D		1	2	3	4	5	6	7	8	Am	Σ Km	Ap	Σ Kp
1	9	19	12	16	14	C	15 2o	10 1+	5 1-	14 2o	20 2+	17 2+	7 1o	2 0+	11	12o	6	13o
2	9	11	5	15	10	C	1 0o	1 0o	5 1-	7 1o	13 2-	16 2o	8 1+	9 1+	8	8o	4	7+
3	18	30	21	27	24		9 1+	14 2o	28 3o	18 2+	35 3+	28 3o	37 3+	10 1+	22	20-	12	20o
4	17	21	21	17	19		17 2+	18 2+	20 2+	17 2+	16 2o	7 1o	15 2o	23 3-	17	17o	10	18-
5	10	12	14	9	11	CK	10 1+	10 1+	7 1o	12 2-	15 2o	11 2-	5 1-	6 1o	10	11-	6	11+
6	14	29	14	29	21		5 1-	7 1o	17 2+	14 2o	13 2-	25 3-	25 3-	30 3o	17	16o	9	16-
7	34	30	30	35	32		15 2o	24 3-	32 3o	32 3o	39 3+	12 2-	21 3-	42 4-	27	22o	19	26+
8	34	39	32	42	37		44 4-	33 3o	29 3o	29 3o	49 4-	41 4-	37 3+	33 3o	37	26+	22	29o
9	40	26	28	38	33		28 3o	30 3o	26 3-	24 3-	23 3-	41 4-	37 3+	46 4-	32	25-	20	27-
10	23	19	24	18	21		26 3-	23 3-	20 2+	18 2+	9 1+	17 2+	23 3-	21 3-	20	19o	12	21o
11	18	14	17	15	16		19 2+	15 2o	17 2+	12 2-	10 1+	8 1+	10 1+	16 2o	13	14+	9	17+
12	12	10	9	13	11	CC	7 1o	7 1o	7 1o	10 1+	10 1+	17 2+	15 2o	7 1o	10	11o	7	14-
13	12	8	11	9	10	CC	17 2+	7 1o	9 1+	8 1+	7 1o	2 0+	7 1o	11 2-	9	10o	6	11+
14	6	7	7	6	6	CC	6 1o	3 0+	7 1o	8 1+	5 1-	7 1o	5 1-	12 2-	7	8-	4	9+
15	5	5	5	5	5	CC*	6 1o	2 0+	3 0+	6 1o	7 1o	5 1-	5 1-	4 1-	5	6-	3	5o
16	6	13	7	12	10	CC*	3 0+	3 0+	6 1o	3 0+	11 2-	11 2-	10 1+	12 2-	7	8+	3	6o
17	20	17	11	26	19		12 2-	11 2-	12 2-	13 2-	33 3o	21 3-	36 3+	8 1+	18	17o	9	16+
18	20	17	14	23	19		11 2-	15 2o	17 2+	21 3-	14 2o	30 3o	28 3o	21 3-	20	19+	9	18-
19	11	9	11	9	10	CK	10 1+	5 1-	6 1o	15 2o	6 1o	8 1+	12 2-	4 1-	8	10-	5	11-
20	7	6	4	8	6	CC*	6 1o	2 0+	5 1-	12 2-	3 0+	6 1o	8 1+	7 1o	6	7+	3	5+
21	8	11	7	13	10	CC	3 0+	3 0+	1 0o	16 2o	14 2o	14 2o	7 1o	13 2-	9	9+	4	8-
22	14	24	9	29	19		8 1+	8 1+	10 1+	5 1-	8 1+	9 1+	16 2o	69 4+	17	14-	6	10+
23	32	28	44	17	30		48 4-	75 5-	39 3+	23 3-	21 3-	16 2o	21 3-	16 2o	32	24-	21	25+
24	12	16	17	11	14		17 2+	15 2o	10 1+	8 1+	7 1o	7 1o	14 2o	14 2o	12	13o	6	10+
25	15	25	13	27	20		18 2+	11 2-	8 1+	9 1+	38 3+	21 3-	5 1-	25 3-	17	16o	6	12+
26	13	13	12	14	13	C	15 2o	11 2-	10 1+	10 1+	6 1o	9 1+	28 3o	23 3-	14	14+	6	11o
27	20	16	11	25	18		14 2o	7 1o	12 2-	7 1o	22 3-	31 3o	21 3-	14 2o	16	16o	8	15o
28	11	17	13	15	14		17 2+	9 1+	16 2o	11 2-	25 3-	12 2-	11 2-	10 1+	14	15-	6	11+
29	11	15	13	12	13	CC	13 2-	33 3o	12 2-	9 1+	4 1-	13 2-	15 2o	15 2o	14	14o	6	12-
30	6	11	9	8	9	CC*	6 1o	4 1-	7 1o	11 2-	11 2-	6 1o	3 0+	8 1+	7	9-	3	6+
31	5	5	5	4	5	CC*	6 1o	3 0+	5 1-	6 1o	3 0+	2 0+	0 0o	4 1-	4	4+	2	4-

ROT DAY IN SOLAR ROTATION INTERVAL Three-hour indices Km(provisional) DEC 2000



ROT DAY IN SOLAR ROTATION INTERVAL Three-hour indices aa (logscale) DEC2000-FEB2001





HOURLY EQUATORIAL DST VALUES (PROVISIONAL) - December 2000 -

DAY	Unit=NT																			U.T.				
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
1	-21	-26	-27	-33	-39	-35	-32	-31	-26	-24	-23	-27	-30	-26	-30	-35	-36	-37	-34	-30	-28	-24	-21	-19
2	-21	-24	-25	-25	-25	-22	-23	-20	-18	-17	-14	-15	-15	-13	-14	-15	-18	-16	-15	-11	-11	-9	-9	-9
3	-10	-15	-16	-14	-3	3	-2	-8	-10	-7	-5	-8	-8	-7	-13	-12	-11	-13	-17	-17	-16	-13	-14	-18
4	-20	-19	-25	-27	-30	-28	-28	-29	-36	-31	-22	-22	-22	-19	-17	-11	-9	-6	-6	-5	-10	-12	-14	-12
5	-20	-25	-28	-29	-31	-28	-29	-25	-21	-14	-7	-6	-6	-8	-8	-7	-5	-1	3	5	5	7	10	10
6	11	7	6	5	5	0	-2	-3	-3	-1	0	3	3	-4	-12	-13	-17	-17	-7	-3	-4	-5	-3	1
7	1	-6	-9	-14	-15	-16	-18	-9	-5	-15	3	5	-2	-5	-3	-5	-8	-10	-11	-7	-8	-11	0	3
8	12	14	0	-1	1	0	-4	1	-4	-14	-11	-8	3	-10	-15	-18	-15	-12	-17	-16	-14	-19	-8	-6
9	-7	-9	-9	-11	-11	-24	-24	-21	-21	-26	-26	-23	-15	-14	-13	-14	-12	-16	-16	-15	-7	-8	-9	-9
10	-8	-7	-11	-17	-20	-21	-20	-17	-19	-20	-12	-10	-10	-7	-6	-4	-2	-3	-7	-8	-7	-4	-5	-6
11	-7	-8	-8	-8	-12	-14	-12	-15	-16	-13	-8	-7	-3	0	-1	-5	-6	-6	-4	-1	1	4	7	2
12	0	-2	-3	-3	-4	-9	-12	-16	-16	-16	-13	-13	-7	0	2	-2	-5	-4	-2	3	4	4	6	9
13	8	5	3	1	-2	-3	-3	-5	-6	-9	-9	-7	-3	1	2	-1	-2	0	3	8	10	12	13	13
14	11	11	10	8	3	-2	-1	1	2	5	6	5	7	10	7	3	2	4	3	3	4	6	8	7
15	7	8	7	6	3	3	4	6	4	1	1	1	2	6	10	8	7	8	10	9	9	13	12	11
16	11	10	13	14	12	10	8	4	4	5	7	8	9	10	13	16	16	17	18	16	19	13	11	7
17	5	4	-1	-2	-1	-1	-4	-6	-4	-5	-10	-16	-16	-11	-15	-20	-17	-20	-21	-8	-4	-4	-4	-4
18	-4	-6	-14	-16	-18	-19	-21	-19	-23	-24	-24	-24	-15	-9	-4	-7	-8	-10	-12	-15	-24	-22	-20	-18
19	-15	-12	-13	-13	-14	-12	-10	-7	-2	1	3	4	2	1	-3	-8	-8	-8	-7	-3	-6	-4	-5	-5
20	-6	-8	-6	-2	-1	-2	-3	-2	1	3	5	6	7	8	5	0	-5	-7	-7	-6	-6	-5	-7	-5
21	-3	-2	-1	0	1	1	2	1	-1	-1	5	7	8	7	5	7	8	13	14	14	16	22	23	18
22	14	11	7	4	3	7	6	5	3	5	9	11	13	14	13	12	9	11	15	21	23	17	2	-11
23	-23	-32	-43	-52	-57	-55	-54	-52	-51	-50	-49	-51	-46	-41	-39	-41	-36	-36	-34	-30	-24	-19	-10	-10
24	-12	-17	-23	-26	-28	-23	-19	-17	-19	-15	-14	-11	-11	-10	-7	-4	-4	-3	0	-4	-3	3	10	21
25	27	22	18	18	25	30	23	21	15	13	10	9	2	9	0	-13	-8	-4	-3	1	4	9	9	7
26	8	7	4	2	0	-2	-5	-5	-6	-10	-9	-6	-3	0	0	2	5	8	3	5	-2	4	5	5
27	5	6	6	10	9	12	11	17	13	8	7	10	9	2	-9	-17	-18	-22	-22	-24	-22	-17	-11	-11
28	-10	-12	-14	-12	-13	-13	-14	-16	-16	-13	-10	-7	-3	2	8	9	6	6	8	9	5	3	6	12
29	13	11	10	-3	-7	-7	-10	-14	-16	-19	-15	-15	-14	-10	-10	-8	-1	0	-1	-2	-4	-6	-7	-4
30	-3	-2	-2	0	3	2	0	-1	-2	-4	-5	-5	-13	-18	-22	-16	-9	-7	-7	-6	-5	-3	-2	-4
31	-4	-5	-8	-10	-8	-4	2	6	6	7	4	2	2	2	1	1	0	0	-1	1	0	1	4	10

DST  
PROVISIONAL  
2000  
DEC

WDC-C2 KYOTO

