

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°98 - 02 - Février 1998**  
**ISGI Publications Office Monthly Bulletin n°98 - 02 - February 1998**

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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	FEBRUARY 1998
<b>SSC - Storm Sudden Commencements</b>	<b>SFE - Solar Flare Effects</b>
non given at least by five observatories	01 0859-0916 HYB ETT 03 1257-1304 BDV 22 1119-1125 BDV (si : CLF)
REPORTING OBSERVATORIES (up to th 2nd of April 1998) :	
SOD DOB NUR WNG NGK VAL DOU BDV CLF HRB NAG GCK MMB EBR COI BJI SPT KAK HTY KNY QUE HYB ETT HER CNB AMS CZT PAF DRV	

	FIVE INTERNATIONAL QUIETEST DAYS	FIVE INTERNATIONAL MOST DISTURBED DAYS
February 1998	26    6    16    7    24	18    11*    17*    28*    9*

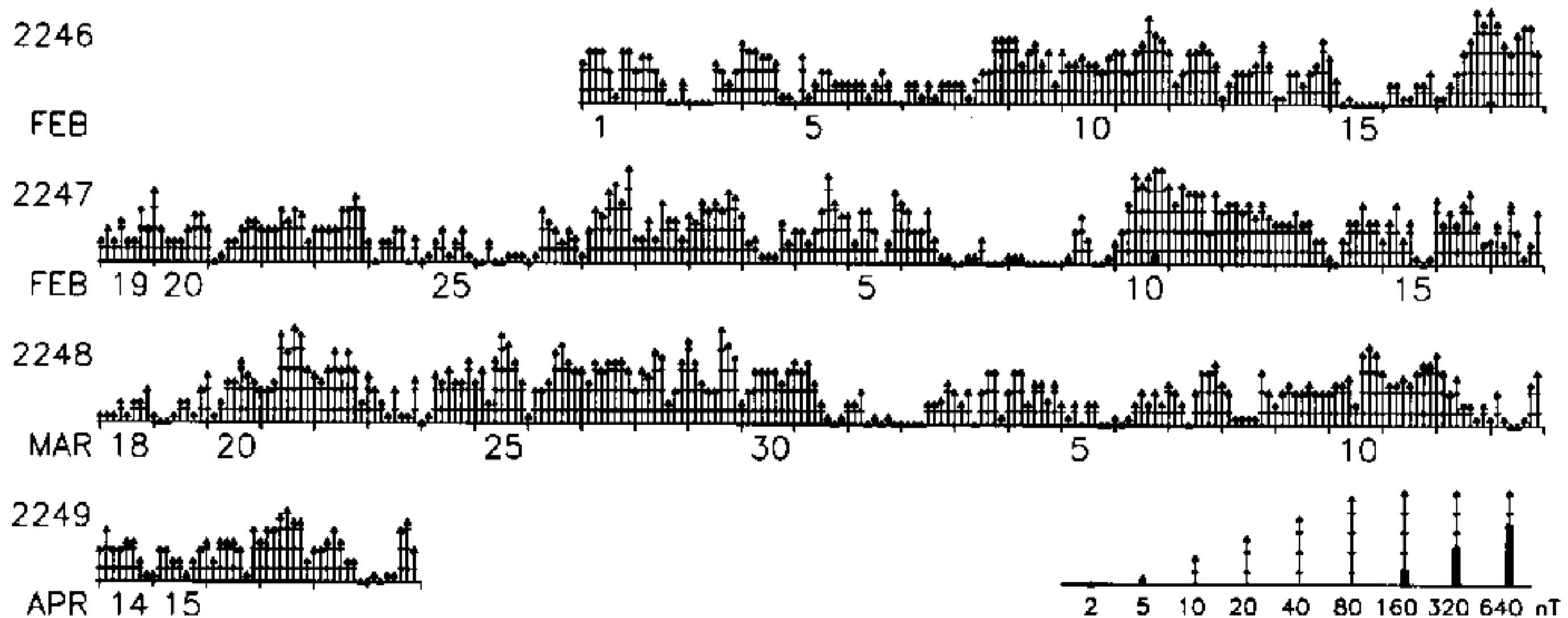
Directeur de la Publication : J. PARIS - Edité le 23/04/98 par E. LEMAULF  
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FEBRUARY 1998		Geomagnetic Indices (provisional)												Daily Average and Sum				
	aa				quiet days	am and Km for each three hour interval								Am $\Sigma$ Km		Ap $\Sigma$ Kp		
	N	S	am	pm		D	1	2	3	4	5	6	7	8				
1	15	23	22	16	19		17 2+	16 2o	30 3o	37 3+	10 1+	6 1o	18 2+	25 3-	20	18o	9	16o
2	7	14	16	5	11	CK	10 1+	13 2-	12 2-	9 1+	3 0+	3 0+	3 0+	7 1o	8	8o	3	5+
3	8	6	2	12	7	CK	3 0+	1 0o	2 0+	5 1-	17 2+	16 2o	10 1+	13 2-	8	9-	3	6o
4	14	23	25	12	18		29 3o	26 3-	20 2+	19 2+	24 3-	16 2o	6 1o	3 0+	18	16+	8	15o
5	6	12	9	10	9	CC	2 0+	17 2+	3 0+	6 1o	12 2-	10 1+	8 1+	12 2-	9	10o	3	6o
6	6	8	7	8	7	CC*	7 1o	8 1+	6 1o	5 1-	4 1-	10 1+	5 1-	1 0o	6	7-	3	5-
7	6	7	6	7	7	CC*	6 1o	12 2-	6 1o	7 1o	7 1o	5 1-	9 1+	8 1+	8	9o	3	5-
8	21	11	8	25	16		5 1-	5 1-	4 1-	8 1+	9 1+	11 2-	31 3o	54 4o	16	13+	8	13o
9	24	25	29	20	24		31 3o	28 3o	12 2-	23 3-	32 3o	16 2o	24 3-	9 1+	22	19+	12	20o
10	19	16	19	16	16		23 3-	12 2-	23 3-	13 2-	14 2o	13 2-	14 2o	19 2+	16	17-	8	17-
11	42	28	21	49	35		27 3o	17 2+	10 1+	20 2+	38 3+	59 4o	38 3+	38 3+	31	23o	17	24+
12	20	21	17	24	21		38 3+	10 1+	11 2-	20 2+	19 2+	21 3-	25 3-	12 2-	20	18o	10	19-
13	13	16	9	19	14		16 2o	8 1+	10 1+	12 2-	11 2-	14 2o	21 3-	12 2-	13	14+	8	13+
14	14	12	9	18	13	K	6 1o	3 0+	10 1+	13 2-	10 1+	13 2-	16 2o	27 3o	12	12+	6	11o
15	8	4	9	2	6	CK	18 2+	10 1+	4 1-	4 1-	2 0+	3 0+	3 0+	1 0o	6	6o	3	6-
16	6	8	6	8	7	CC*	4 1-	5 1-	5 1-	4 1-	3 0+	8 1+	6 1o	9 1+	6	7-	3	5o
17	47	18	8	57	32		3 0+	6 1o	9 1+	13 2-	29 3o	32 3o	55 4o	98 5o	31	19+	18	19o
18	66	41	60	47	53		124 6-	58 4o	34 3+	46 4-	40 3+	53 4o	48 4-	26 3-	54	30+	36	33-
19	13	11	11	13	12	C	7 1o	8 1+	6 1o	16 2o	9 1+	11 2-	23 3-	18 2+	12	13+	6	12-
20	22	11	18	15	17	K	34 3+	9 1+	10 1+	10 1+	7 1o	11 2-	22 3-	25 3-	16	15+	9	16-
21	9	10	7	13	10	CC	25 3-	2 0+	5 1-	6 1o	6 1o	11 2-	15 2o	16 2o	11	11+	4	9-
22	17	15	15	17	16		11 2-	13 2-	13 2-	20 2+	14 2o	21 3-	16 2o	5 1-	14	15-	7	14o
23	24	16	12	27	20		13 2-	17 2+	18 2+	15 2o	21 3-	17 2+	30 3o	22 3-	19	19o	9	18o
24	7	8	7	9	8	CK*	9 1+	5 1-	8 1+	6 1o	10 1+	8 1+	3 0+	9 1+	7	9-	3	6-
25	7	7	7	8	7	CC	3 0+	5 1-	5 1-	7 1o	3 0+	8 1+	14 2o	5 1-	6	7o	3	6-
26	5	3	4	4	4	CC*	5 1-	1 0o	3 0+	1 0o	2 0+	5 1-	6 1o	7 1o	4	4o	2	3+
27	12	11	12	10	11	CC	3 0+	3 0+	20 2+	12 2-	12 2-	11 2-	19 2+	8 1+	11	12-	5	10-
28	37	38	15	60	37		8 1+	16 2o	21 3-	19 2+	33 3o	36 3+	28 3o	85 5-	31	22+	15	21+

ROT DAY IN SOLAR ROTATION INTERVAL Three-hour indices Km (provisional) FEB 1998



ROT DAY IN SOLAR ROTATION INTERVAL Three-hour indices aa (logscale) FEB-APR 1998



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## Dst monthly table of hourly indices - February 1998

WDC-C2 FOR GEOMAGNETISM, KYOTO UNIVERSITY

### HOURLY EQUATORIAL DST VALUES (PROVISIONAL)

FEBRUARY 1998

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	-29	-23	-21	-25	-23	-18	-19	-19	-30	-32	-22	-17	-17	-20	-26	-26	-25	-25	-21	-21	-21	-22	-22	-21		
2	-19	-20	-20	-19	-20	-18	-16	-13	-15	-17	-16	-17	-19	-21	-22	-21	-20	-20	-22	-20	-22	-25	-22	-23		
3	-23	-23	-23	-22	-22	-21	-20	-19	-18	-17	-20	-20	-21	-20	-21	-23	-27	-30	-26	-24	-27	-31	-30	-30		
4	-33	-40	-41	-31	-26	-29	-38	-40	-40	-41	-42	-40	-42	-50	-50	-45	-42	-38	-36	-35	-32	-29	-25	-23		
5	-22	-22	-21	-18	-12	-7	-10	-9	-5	-2	1	4	4	6	7	8	4	5	4	3	-1	-4	-8	-10		
6	-15	-16	-16	-19	-20	-19	-19	-17	-13	-9	-6	-8	-9	-10	-12	-12	-12	-11	-10	-8	-6	-5	-5	-6		
7	-4	-4	-3	-5	-8	-13	-12	-11	-10	-8	-8	-6	-5	-4	-3	-2	-3	-3	-2	-1	-4	-7	-8	-9		
8	-11	-11	-11	-12	-12	-12	-13	-12	-12	-14	-14	-12	-7	-5	-7	-5	-6	-4	-8	-15	-20	-32	-37	-32		
9	-30	-28	-35	-39	-37	-25	-35	-37	-34	-26	-14	-23	-29	-37	-39	-39	-40	-36	-29	-28	-29	-29	-24	-21		
10	-20	-24	-24	-24	-22	-20	-23	-31	-34	-33	-29	-25	-27	-26	-28	-26	-25	-21	-20	-19	-20	-22	-23	-25		
11	-23	-28	-24	-25	-22	-18	-19	-22	-23	-27	-29	-32	-32	-41	-50	-43	-42	-31	-31	-39	-44	-42	-42	-43		
12	-40	-35	-31	-27	-25	-24	-25	-30	-34	-36	-39	-40	-38	-34	-32	-32	-38	-39	-37	-34	-31	-33	-31	-29		
13	-28	-26	-25	-24	-23	-23	-26	-34	-36	-39	-38	-36	-34	-30	-29	-24	-24	-26	-30	-29	-29	-28	-26	-24		
14	-22	-22	-21	-20	-15	-12	-16	-23	-25	-25	-30	-35	-33	-30	-29	-24	-20	-20	-23	-23	-25	-26	-25	-26		
15	-25	-27	-27	-26	-23	-21	-23	-25	-26	-28	-31	-32	-30	-27	-27	-25	-24	-24	-25	-24	-23	-23	-22	-22		
16	-21	-24	-24	-21	-16	-11	-8	-8	-9	-12	-12	-12	-12	-12	-13	-12	-11	-11	-11	-12	-14	-14	-16	-18		
17	-21	-21	-19	-15	-12	-11	-10	-6	-8	-10	-4	-3	-5	-13	-27	-35	-43	-56	-69	-74	-84	-92	-103	-98		
18	-96	-99	-92	-97	-90	-84	-78	-78	-75	-71	-68	-61	-55	-56	-64	-60	-47	-59	-62	-67	-62	-51	-52	-54		
19	-52	-53	-51	-48	-47	-47	-45	-46	-48	-48	-49	-50	-50	-51	-50	-46	-46	-48	-51	-52	-54	-57	-56	-58		
20	-60	-58	-55	-48	-46	-44	-44	-45	-39	-36	-39	-37	-38	-38	-39	-37	-35	-35	-33	-34	-34	-35	-33	-35		
21	-25	-27	-30	-33	-30	-27	-31	-33	-29	-26	-21	-19	-22	-24	-24	-24	-23	-21	-19	-24	-23	-21	-19	-20		
22	-21	-22	-23	-18	-16	-14	-16	-15	-14	-20	-23	-26	-23	-23	-26	-29	-29	-29	-31	-27	-23	-21	-16	-15		
23	-15	-15	-19	-20	-21	-23	-29	-33	-30	-30	-28	-25	-26	-26	-26	-25	-20	-21	-28	-36	-40	-41	-32	-25		
24	-24	-25	-26	-23	-22	-22	-23	-24	-28	-31	-31	-31	-30	-28	-26	-25	-27	-26	-26	-25	-24	-22	-17	-14		
25	-12	-12	-11	-13	-14	-14	-18	-22	-26	-28	-28	-25	-22	-22	-22	-22	-23	-24	-27	-23	-20	-18	-17	-17		
26	-14	-11	-13	-13	-11	-13	-14	-14	-13	-11	-12	-12	-13	-14	-16	-15	-13	-13	-14	-16	-15	-13	-13	-10		
27	-7	-5	-2	-2	1	1	-1	-6	-18	-16	-13	-14	-14	-14	-18	-17	-18	-21	-27	-26	-22	-20	-22	-22		
28	-22	-22	-19	-17	-18	-19	-20	-21	-22	-13	-13	-20	-38	-36	-44	-41	-32	-33	-32	-34	-31	-28	-22	-14		

