

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°96-04 - Avril 1996
ISGI Publications Office Monthly Bulletin n°96-04 - April 1996

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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

APRIL 1996

SSC - Storm Sudden Commencements

08 13 34 A : HRB* COI BJI
 B : SOD* NUR* WNG* DOU* BDV*
 C : NAG* HYB ETT
 si : EBR
 sfe : CLF

SFE - Solar Flare Effects

01 1101-1106 MPO
 04 0739-0743 MPO
 04 1303-1315 TEN
 08 0301-0323 BDV
 08 1333-1350 CLF (see; SSC)
 12 0620-0624 MPO
 12 0930-0933 MPO
 20 0926-0930 MPO
 20 1218-1226 MPO
 22 0444-0500 MMB+ KAK+ HTY+ KNY+ LNP HYB
 ETT MPO
 22 1709-1713 MPO
 26 0530-0536 MPO
 28 1112-1121 BDV

REPORTING OBSERVATORIES (up to the 2nd of June 1996) :

SOD DOB NUR WNG NGK DOU BDV CLF HRB NAG GCK MMB COI BJI SPT
 FRD KAK HTY KNY QUE TEN LNP HYB ETT MPO HER CNB AMS CZT PAF DRV

	FIVE INTERNATIONAL QUIETEST DAYS					FIVE INTERNATIONAL MOST DISTURBED DAYS				
April 1996	7	6	26	28	29	17	14	19	12	18

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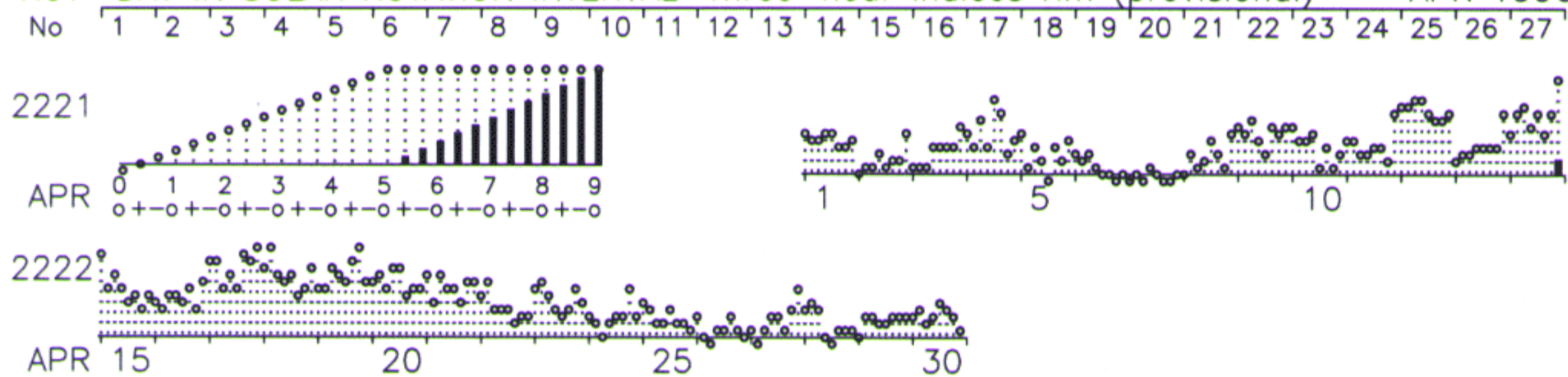
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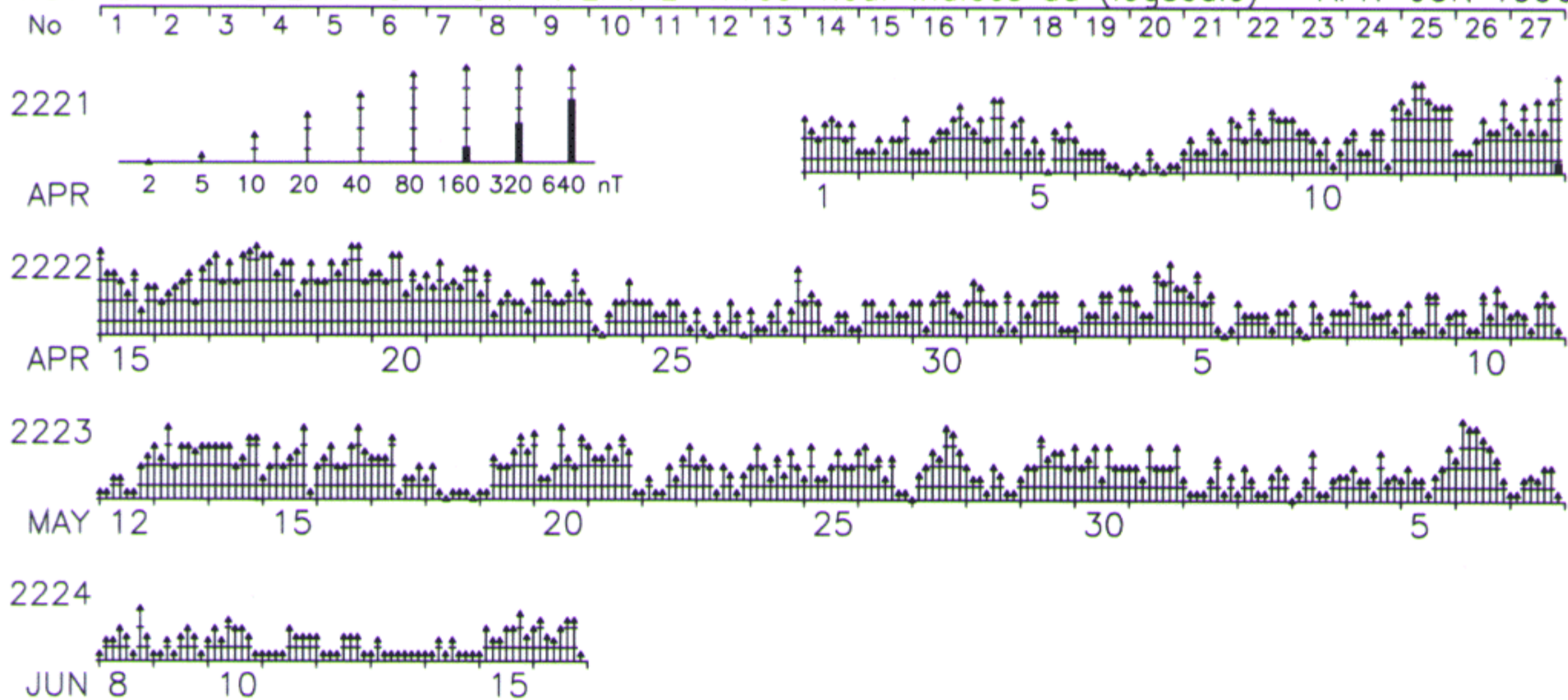
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APRIL 1996						Geomagnetic Indices (provisional)								Daily Average and Sum				
	aa				D	quiet days	am and Km for each three hour interval								Am Σ Km		Ap Σ Kp	
	N	S	am	pm			1	2	3	4	5	6	7	8				
1	18	19	18	19	19		19 2+	16 2o	14 2o	17 2+	19 2+	11 2-	12 2-	16 2o	16	16+	9	17o
2	13	10	9	14	12	CK	2 0+	5 1-	5 1-	10 1+	4 1-	7 1o	6 1o	19 2+	7	8o	4	9-
3	19	13	9	23	16		4 1-	5 1-	4 1-	11 2-	11 2-	13 2-	13 2-	24 3-	11	11+	6	12o
4	22	26	18	30	24		20 2+	12 2-	27 3o	11 2-	52 4o	38 3+	8 1+	16 2o	23	19+	12	20-
5	15	10	13	13	13	C	19 2+	5 1-	11 2-	6 1o	1 0o	11 2-	6 1o	15 2o	9	10+	6	12-
6	7	7	9	5	7	CC*	8 1+	7 1o	8 1+	5 1-	2 0+	2 0+	1 0o	2 0+	4	5+	3	6-
7	6	3	4	4	4	CC*	0 0o	2 0+	1 0o	5 1-	3 0+	1 0o	1 0o	2 0+	2	2-	2	2+
8	13	11	9	15	12	CK	3 0+	8 1+	5 1-	6 1o	16 2o	10 1+	5 1-	19 2+	9	10-	5	10-
9	26	17	20	23	22		22 3-	17 2+	30 3o	14 2o	10 1+	21 3-	18 2+	24 3-	20	19o	12	21-
10	14	11	17	8	13	C	21 3-	14 2o	16 2o	17 2+	4 1-	11 2-	5 1-	9 1+	12	13+	6	12+
11	18	11	11	19	15		15 2o	15 2o	9 1+	10 1+	12 2-	11 2-	6 1o	40 3+	15	14+	8	16-
12	52	47	60	39	50		46 4-	44 4-	54 4o	56 4o	37 3+	32 3o	29 3o	35 3+	42	28o	26	31o
13	17	17	9	25	17		6 1o	10 1+	10 1+	11 2-	13 2-	12 2-	11 2-	40 3+	14	14-	8	15o
14	44	39	23	61	42		19 2+	37 3+	41 4-	23 3-	35 3+	17 2+	36 3+	122 6-	41	27-	32	30-
15	34	24	39	19	29		67 4+	23 3-	37 3+	23 3-	15 2o	20 2+	11 2-	17 2+	27	21+	18	24o
16	24	19	17	26	22		15 2o	13 2-	17 2+	19 2+	16 2o	25 3-	12 2-	32 3o	19	18-	9	18-
17	54	47	44	58	51		54 4o	57 4o	24 3-	40 3+	23 3-	61 4+	58 4o	74 5-	49	30-	31	32+
18	40	42	49	33	41		49 4-	72 5-	39 3+	32 3o	36 3+	17 2+	22 3-	42 4-	39	27-	25	29+
19	49	40	32	58	45		22 3-	26 3-	41 4-	34 3+	32 3o	60 4o	74 5-	28 3o	40	27o	27	31o
20	34	34	37	32	34		30 3o	40 3+	22 3-	47 4-	42 4-	18 2+	24 3-	21 3-	31	24o	17	25-
21	37	22	29	30	29		36 3+	16 2o	38 3+	24 3-	26 3-	16 2o	28 3o	27 3o	26	22o	13	22-
22	16	13	17	12	15		18 2+	33 3o	11 2-	13 2-	12 2-	7 1o	9 1+	9 1+	14	14o	8	16-
23	26	12	19	20	19		25 3-	28 3o	18 2+	12 2-	10 1+	12 2-	23 3-	15 2o	18	17+	11	19o
24	13	9	7	15	11	CK	9 1+	6 1o	2 0+	7 1o	8 1+	9 1+	22 3-	9 1+	9	10+	5	11o
25	10	9	10	9	10	CC	15 2o	12 2-	7 1o	7 1o	11 2-	7 1o	7 1o	5 1-	9	10o	5	10o
26	8	5	6	7	6	CC*	10 1+	2 0+	1 0o	5 1-	4 1-	9 1+	5 1-	2 0+	5	5+	4	7o
27	17	6	7	16	11	KK	4 1-	1 0o	4 1-	9 1+	10 1+	4 1-	13 2-	25 3-	9	9o	6	11-
28	10	8	11	7	9	CK*	11 2-	16 2o	13 2-	3 0+	1 0o	4 1-	5 1-	4 1-	7	8-	4	9-
29	11	7	9	9	9	CC*	2 0+	9 1+	8 1+	6 1o	6 1o	9 1+	8 1+	8 1+	7	9o	4	9+
30	13	10	10	12	11	CC	8 1+	11 2-	6 1o	10 1+	14 2o	12 2-	8 1+	5 1-	9	11o	5	11+

ROT DAY IN SOLAR ROTATION INTERVAL Three-hour indices Km (provisional) APR 1996



ROT DAY IN SOLAR ROTATION INTERVAL Three-hour indices aa (logscale) APR-JUN 1996

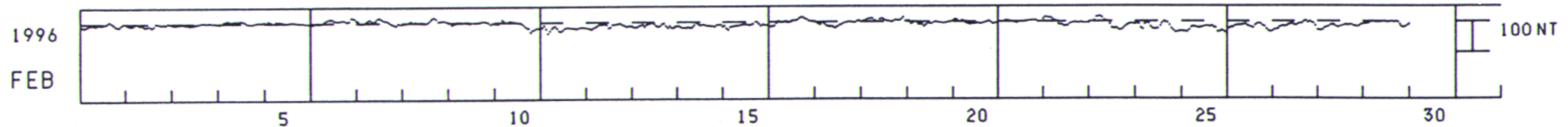


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Dst monthly table of hourly indices - February 1996

WDC-C2 FOR GEOMAGNETISM, KYOTO UNIVERSITY

HOURLY EQUATORIAL DST VALUES (PROVISIONAL)
 FEBRUARY 1996

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	-11	-13	-12	-9	-6	-5	-6	-7	-5	-4	-5	-4	-3	0	3	6	2	-4	-9	-12	-11	-6	-2	-2
2	-6	-8	-10	-7	-3	0	-5	-5	-7	-12	-12	-9	-10	-14	-9	-2	0	-4	-6	-4	-5	-2	-2	-4
3	-5	-6	-5	-3	-4	-4	-4	-6	-7	-8	-7	-5	-3	-3	-1	1	1	0	0	1	-2	-1	0	-3
4	-4	-2	3	5	7	6	4	5	5	5	6	7	5	3	-1	-3	-4	-3	-1	1	1	1	1	3
5	2	5	3	1	0	3	3	4	3	1	-2	-2	1	2	2	2	0	-1	0	-2	-3	-4	-4	-4
6	-5	-4	-3	-4	-4	-1	4	8	9	12	12	8	6	6	6	7	7	5	4	6	16	16	13	7
7	6	-3	-3	0	4	7	9	5	4	8	14	15	11	7	5	6	1	-3	-5	-8	-9	-4	-6	-5
8	-3	-3	0	4	4	0	2	-2	0	1	-4	-4	-1	3	9	14	16	12	3	4	5	5	4	1
9	-1	-8	-6	-3	1	2	-2	-1	1	2	-3	-1	0	0	-1	0	2	3	3	1	-2	-7	-4	-6
10	-6	-5	0	7	4	0	2	3	2	1	-1	-1	-4	-3	-8	-13	-17	-21	-32	-27	-24	-21	-19	-23
11	-18	-12	-22	-37	-29	-20	-16	-14	-19	-28	-31	-27	-21	-18	-17	-21	-19	-19	-23	-21	-18	-17	-17	-19
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13	-17	-17	-17	-13	-11	-10	-16	-9	-7	-6	-4	-8	-14	-16	-13	-8	-5	-13	-20	-14	-19	-19	-15	-14
14	-13	-18	-19	-20	-19	-18	-21	-18	-12	-3	-7	-11	-10	-10	-11	-14	-13	-14	-16	-16	-12	-10	-9	-15
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16	-15	-15	-14	-6	2	-3	-4	-1	1	-3	-1	3	4	4	6	9	14	13	9	7	3	1	1	1
17	-4	-7	-10	-4	-8	-14	-16	-16	-15	-19	-19	-16	-12	-9	-5	-3	-1	-2	-2	-4	-4	1	3	0
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20	8	5	2	-1	4	1	-5	-8	-10	-7	-7	-7	-6	-7	-8	-6	-4	0	1	-4	-8	-5	-5	0
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25	-32	-35	-35	-28	-21	-17	-20	-20	-22	-21	-19	-17	-16	-16	-17	-15	-20	-23	-34	-35	-30	-32	-36	-28
26	-24	-20	-21	-15	-13	-14	-13	-13	-11	-9	-15	-18	-21	-22	-14	-10	-7	-9	-15	-18	-27	-32	-35	-32
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28	-28	-30	-28	-23	-20	-18	-14	-12	-14	-18	-19	-17	-15	-14	-12	-13	-12	-11	-15	-16	-17	-16	-11	-10
29	-10	-8	-7	-3	-1	-3	-3	-3	-3	-1	-1	-4	-4	0	-2	-3	-2	-4	-11	-17	-21	-17	-13	-10



Note: The baselines for the observatories were adjusted for secular change for the Provisional Dst values for February 1996. Beginning October 1994, the observatory data include realtime INTERMAGNET data.

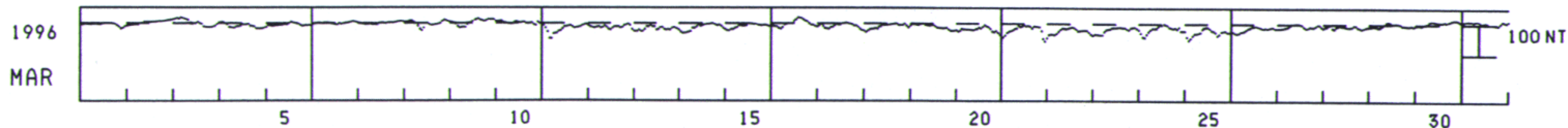
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Dst monthly table of hourly indices - March 1996

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HOURLY EQUATORIAL DST VALUES (PROVISIONAL)

MARCH 1996

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	-5	-4	-4	-4	-6	-6	-4	-3	-3	-6	-3	0	0	-1	-1	-1	-2	-3	-7	-11	-17	-15	-11	-9	
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3	14	15	13	18	17	14	12	9	2	-3	-1	0	4	0	-4	-12	-14	-13	-14	-13	-12	-9	-3	1	
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31	8	9	10	9	9	8	9	10	8	3	3	5	3	0	-1	-1	-1	-3	-3	4	10	7	6	9	



Bureau des Publications SIIG - Bulletin Mensuel n° 96 - 04 - april - 1996
Dst monthly table of hourly indices - April 1996

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HOURLY EQUATORIAL DST VALUES (PROVISIONAL)

APRIL 1996

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	19	19	13	11	12	13	8	-2	-9	-15	-10	-2	3	2	-6	-11	-10	-9	-7	-6	-9	-7	-4	-2		
2	0	1	4	4	2	0	-2	-2	-3	-3	3	9	9	7	7	8	8	10	10	8	5	2	-2	2		
3	5	4	3	5	11	13	9	6	4	6	14	18	16	17	17	12	12	13	12	10	9	3	-5	-12		
4	-11	-9	-14	-16	-8	-6	-7	-7	-5	-5	3	7	6	-3	-15	-20	-18	-14	-11	-11	-12	-12	-12	-13		
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