

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°96-09 - Septembre 1996**  
**ISGI Publications Office Monthly Bulletin n°96-09-September 1996**

<b>C O N T E N T S</b>		
<b>Rapid Variations</b>	- provisional determination of ssc and sfe	September 1996
<b>Classification of days</b>	- five international quietest days and most disturbed days	September 1996
<b>aa</b>	- hemispheric N, S, daily values and planetary half day and daily values	September 1996
	- musical diagram of aa (latest values)	Sept 1996 up to Nov. 17th 1996
<b>Quiet periods</b>	- truly magnetically very quiet (C) and quiet (K) periods of 24 and 48 hours, and 5 international quietest days (*)	September 1996
<b>am, Km</b>	- three hour indices values musical diagram of Km	September 1996
<b>Am, ΣKm</b>	- daily values	September 1996
<b>Ap, ΣKp</b>	- daily values	September 1996
<b>Dst</b>	- monthly tables of hourly indices	August, September 1996

*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.*

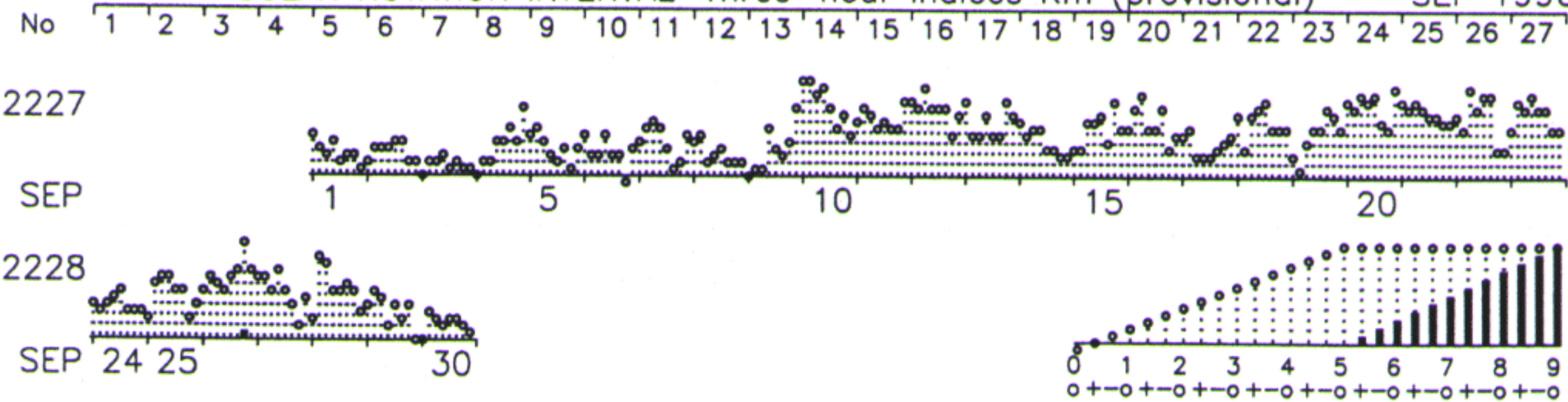
<b>PRELIMINARY REPORT ON RAPID VARIATIONS</b>		<b>SEPTEMBER 1996</b>
<p style="text-align: center;"><b>SSC - Storm Sudden Commencements</b></p> <p>09 19 13    B : WNG* HRB               C : BDV SPT</p>	<p style="text-align: center;"><b>SFE - Solar Flare Effects</b></p> <p>11 1341-1349 TEN 15 1548-1600 TEN 17 1035-1044 BDV</p>	
<p><b>REPORTING OBSERVATORIES :</b></p> <p>SOD DOB NUR WNG DOU BDV CLF HRB NAG GCK MMB EBR COI BJI SPT FRD PEN KAK QUE TEN LNP HYB ETT HER CNB AMS CZT PAF DRV</p>		

	<b>FIVE INTERNATIONAL QUIETEST DAYS</b>					<b>FIVE INTERNATIONAL MOST DISTURBED DAYS</b>				
<b>September 1996</b>	3	30	2	6	1	20	10	21	26	12

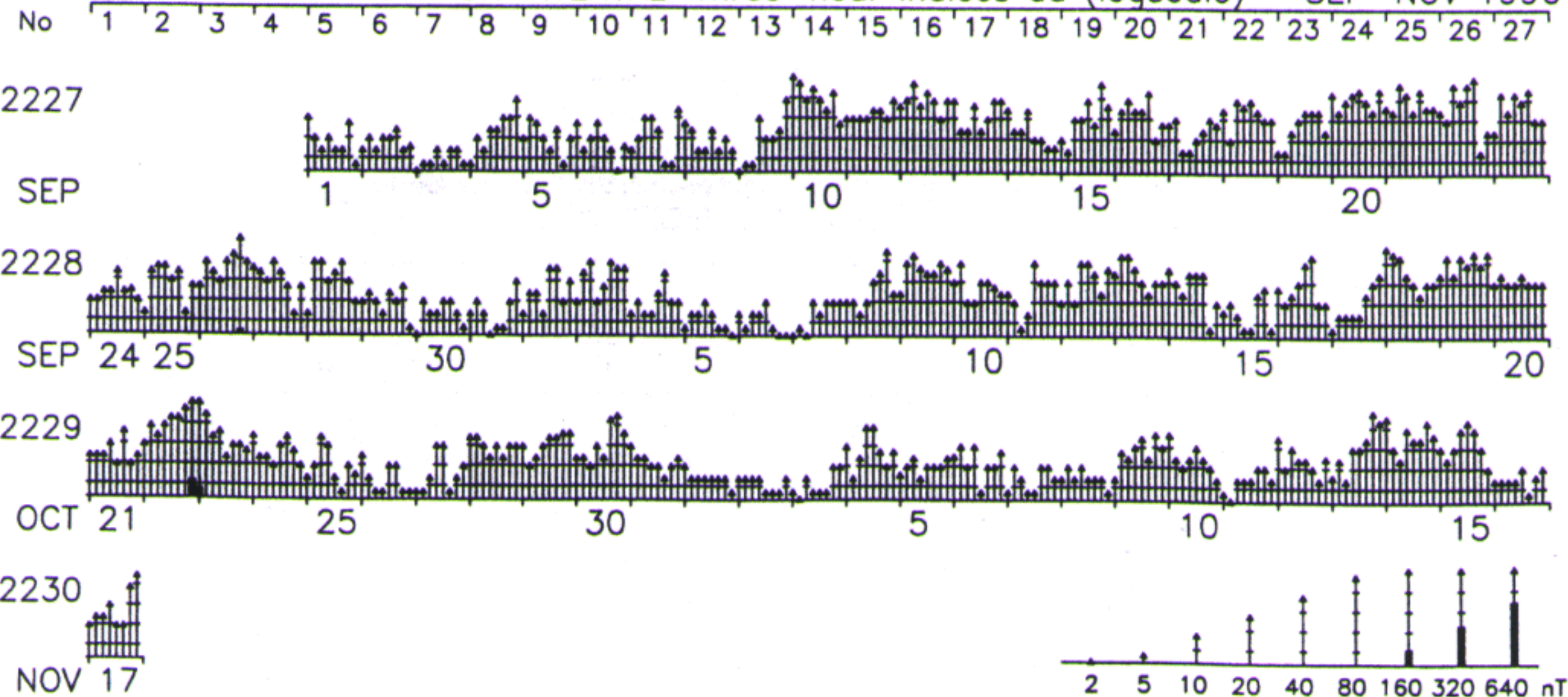


SEPTEMBER 1996		Geomagnetic Indices (provisional)												Daily Average and Sum				
	aa				D	quiet days	am and Km for each three hour interval								Daily Average and Sum			
	N	S	am	pm			1	2	3	4	5	6	7	8	Am	Σ Km	Ap	Σ Kp
1	15	9	14	10	12	CK*	18 2+	13 2-	8 1+	16 2o	6 1o	8 1+	10 1+	5 1-	11	11+	6	12-
2	11	10	10	11	11	CC*	6 1o	12 2-	11 2-	11 2-	14 2o	14 2o	7 1o	7 1o	10	10-	5	12o
3	7	5	5	7	6	CC*	2 0+	6 1o	6 1o	9 1+	4 1-	6 1o	5 1-	5 1-	5	5-	3	7-
4	21	16	10	27	19		3 0+	7 1o	6 1o	15 2o	14 2o	21 3-	15 2o	43 4-	16	15-	9	15-
5	12	15	17	10	14		18 2+	23 3-	16 2o	9 1+	6 1o	12 2-	5 1-	13 2-	13	13-	6	13+
6	13	10	15	8	11	CK*	17 2+	9 1+	10 1+	20 2+	9 1+	8 1+	1 0o	13 2-	11	11+	5	12-
7	15	17	17	15	16	K	14 2o	21 3-	32 3o	24 3-	12 2-	4 1-	6 1o	18 2+	16	15-	7	16o
8	14	10	13	11	12	CK	16 2o	20 2+	6 1o	8 1+	13 2-	6 1o	7 1o	6 1o	10	12-	6	11+
9	16	14	9	21	15		2 0+	5 1-	5 1-	22 3-	11 2-	10 1+	15 2o	46 4-	15	12o	8	13o
10	52	61	74	39	57		99 5o	97 5o	69 4+	78 5-	43 4-	23 3-	40 3+	20 2+	59	32+	31	31o
11	31	26	24	33	29		32 3o	42 4-	34 3+	26 3-	28 3o	22 3-	22 3-	55 4o	33	27-	19	25o
12	46	47	51	43	47		55 4o	48 4-	78 5-	46 4-	44 4-	42 4-	19 2+	39 3+	46	32o	29	29o
13	34	28	29	33	31		55 4o	18 2+	19 2+	38 3+	17 2+	17 2+	55 4o	37 3+	32	25-	18	24o
14	23	12	24	11	17		32 3o	18 2+	23 3-	26 3-	11 2-	11 2-	8 1+	8 1+	17	18-	10	17-
15	38	25	17	46	31		11 2-	12 2-	32 3o	30 3o	36 3+	14 2o	59 4o	26 3-	28	24+	18	21+
16	31	31	32	31	31		21 3-	47 4-	63 4+	23 3-	24 3-	46 4-	11 2-	19 2+	32	25o	17	24-
17	22	11	15	18	17		18 2+	24 3-	9 1+	10 1+	9 1+	13 2-	15 2o	19 2+	15	16+	9	15o
18	30	34	32	32	32		35 3+	13 2-	40 3+	46 4-	52 4o	23 3-	23 3-	26 3-	32	25+	18	24o
19	20	22	14	28	21		9 1+	5 1-	14 2o	23 3-	24 3-	50 4-	37 3+	21 3-	23	20o	15	19o
20	47	55	49	53	51		58 4o	45 4-	62 4+	58 4o	65 4+	28 3o	24 3-	73 5-	52	34o	34	31+
21	57	39	52	43	48		51 4o	45 4-	60 4o	48 4-	35 3+	39 3+	33 3o	30 3o	43	32+	29	28o
22	42	55	46	52	49		34 3+	25 3-	74 5-	44 4-	66 4+	66 4+	11 2-	13 2-	42	30-	28	26+
23	45	37	42	40	41		21 3-	51 4o	41 4-	70 4+	41 4-	48 4-	22 3-	24 3-	40	31-	27	27+
24	19	14	14	19	17		15 2o	13 2-	15 2o	18 2+	23 3-	13 2-	11 2-	12 2-	15	16+	8	16-
25	20	30	29	21	25		8 1+	28 3o	38 3+	39 3+	24 3-	22 3-	8 1+	16 2o	23	18-	10	20-
26	57	40	30	66	48		23 3-	40 3+	33 3o	23 3-	34 3+	48 4-	107 5+	48 4-	45	30+	30	28-
27	30	25	35	20	27		37 3+	35 3+	24 3-	42 4-	23 3-	14 2o	6 1o	19 2+	25	23-	16	21o
28	28	31	31	28	30		10 1+	67 4+	52 4o	21 3-	24 3-	27 3o	22 3-	12 2-	29	22+	15	22+
29	15	10	12	13	13	C	15 2o	22 3-	19 2+	7 1o	14 2o	10 1+	14 2o	2 0+	13	14+	7	14-
30	9	8	8	9	8	CC*	2 0+	11 2-	8 1+	6 1o	10 1+	9 1+	7 1o	4 1-	7	8o	4	9-

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



ROT DAY IN SOLAR ROTATION INTERVAL Three-hour indices aa (logscale) SEP-NOV 1996





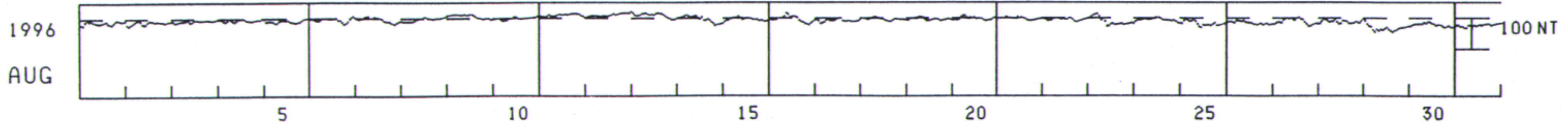
**Bureau des Publications SIIG - Bulletin Mensuel n° 96 - 09 - septembre - 1996**  
**Dst monthly table of hourly indices - August 1996**

WDC-C2 FOR GEOMAGNETISM, KYOTO UNIVERSITY

HOURLY EQUATORIAL DST VALUES (PROVISIONAL)

AUGUST 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	-20	-22	-12	-6	-9	-8	-11	-13	-16	-16	-15	-13	-11	-10	-16	-18	-19	-13	-8	-6	-8	-9	-9	-8		
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5	-11	-12	-10	-10	-11	-15	-15	-9	-7	-7	-8	-8	-7	-12	-13	-14	-15	-13	-12	-7	-4	-3	-1	-2		
6	-3	-4	-8	-10	-9	-6	-2	0	0	-4	-4	-3	0	-1	-7	-8	-14	-19	-17	-12	-4	1	5	2		
7	-3	-5	-3	0	4	5	6	0	-1	4	2	1	0	-4	-9	-11	-11	-12	-15	-18	-21	-15	-12	-10		
8	-11	-12	-12	-12	-12	-11	-9	-5	-3	-2	-1	3	3	0	-1	-2	-3	-2	-1	-1	-1	2	4	8		
9	9	10	11	11	12	12	10	10	11	9	9	11	12	10	5	2	1	-2	-4	-2	-2	-2	-6	-4		
10	-3	-1	0	-5	-9	-9	-7	-4	-2	0	3	3	-1	-3	-4	-2	-2	-2	-1	1	2	1	5	6		
11	6	4	4	5	9	8	6	6	8	10	11	9	10	11	10	12	13	14	13	13	11	8	5	1		
12	3	5	8	7	8	7	6	5	5	7	5	5	7	10	13	10	11	13	16	15	15	15	15	21		
13	15	9	7	8	9	14	13	15	11	10	11	9	13	16	14	14	9	5	1	-2	-5	-5	-5	-1		
14	1	3	4	7	9	7	4	5	6	8	2	-4	3	-7	-7	-3	-7	-14	-18	-25	-23	-21	-19	-17		
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21	0	0	-2	-1	3	2	0	-1	-3	-3	3	-1	1	-2	-4	-7	-10	-9	-8	-8	-6	-3	-3	-4		
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31	-24	-24	-28	-28	-33	-32	-24	-24	-28	-24	-26	-25	-22	-25	-22	-20	-20	-21	-25	-23	-19	-20	-18	-17		





Bureau des Publications SIIG - Bulletin Mensuel n° 96 - 09 - Septembre 1996

Dst monthly table of hourly indices - September 1996

HOURLY EQUATORIAL DST VALUES (PROVISIONAL)

SEPTEMBER 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	-10	-9	-12	-12	-15	-15	-15	-15	-16	-17	-15	-13	-12	-10	-10	-11	-13	-13	-13	-12	-14	-14	-15	-16	
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