

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



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

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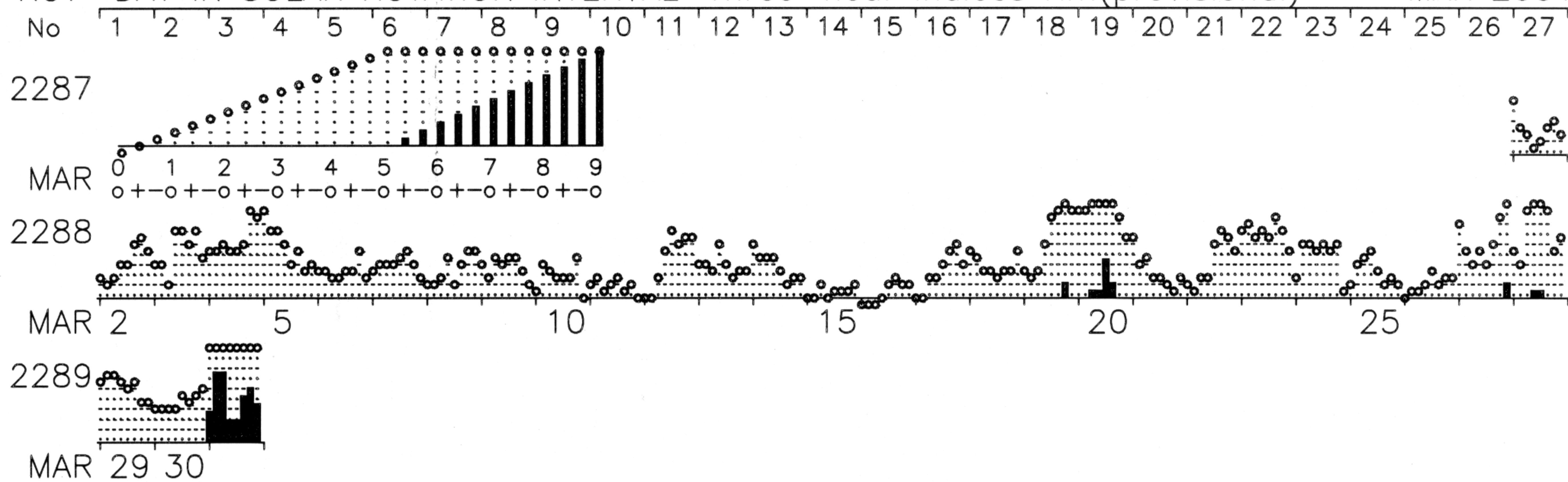
Special thanks are due to contributors (quoted below) for providing the here published geomagnetic data within shortly possible delay.

PRELIMINARY REPORT ON RAPID VARIATIONS		MARCH 2001	
SSC - Storm Sudden Commencements		SFE - Solar Flare Effects	
03 11 21	A : CLF* NAG* HER* B : WNG NGK* HRB* EBR SPT* C : BDV* GCK* HTY HYB	08 1115-1125	NGK+ BDV+
		09 0154-0210	MMB+ KAK+ HTY+ KNY+
		10 0402-0417	MMB+ KAK+ HTY+ KNY+
		25 0417-0420	MMB+ KAK+ HTY+ KNY+
19 11 14	B : WNG CLF HRB MMB* KAK* HTY KNY* HYB ETT C : SOD NGK* BDV GCK EBR SPT*		
22 13 42	A : SOD* WNG VAL* CLF* HRB* NAG* EBR* SPT* HER* B : NUR NGK* BDV* GCK* HTY* HYB ETT GNA CNB		
27 17 47	A : CLF HRB NAG* SPT HTY HYB B : WNG BDV* EBR ETT C : NGK GCK		
31 00 52	A : WNG NGK BDV* CLF* HRB* NAG* GCK MMB* EBR SPT* KAK* HTY KNY* HYB ETT HER* B : VAL		
REPORTING OBSERVATORIES (up to the 3rd of May 2001) :			
SOD NUR WNG NGK VAL BDV CLF HRB NAG GCK MMB EBR SPT KAK HTY KNY HYB ETT GNA HER CNB			
	FIVE INTERNATIONAL QUIETEST DAYS	FIVE INTERNATIONAL MOST DISTURBED DAYS	
March 2001	15 16 26 11 17	31 20 28 19 23	

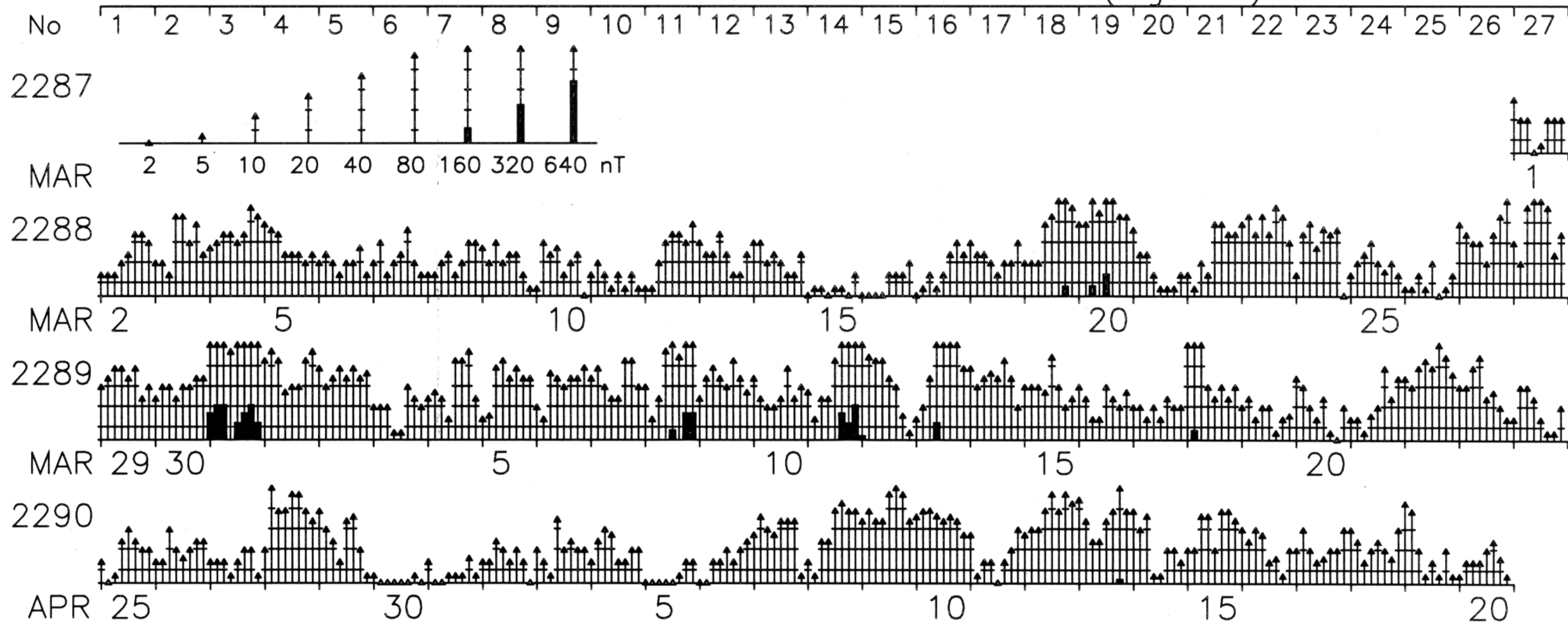
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MARCH 2001						Geomagnetic Indices (provisional)								Daily Average and Sum				
	aa				D	quiet days	am and Km for each three hour interval								Am Σ Km		Ap Σ Kp	
	N	S	am	pm			1	2	3	4	5	6	7	8				
1	12	11	13	10	11	C	27 3o	12 2-	8 1+	5 1-	7 1o	12 2-	14 2o	10 1+	12	13-	6	12-
2	18	17	9	26	18		9 1+	6 1o	10 1+	14 2o	14 2o	27 3o	35 3+	21 3-	17	17-	8	16+
3	33	26	23	36	29		15 2o	16 2o	6 1o	49 4-	41 4-	30 3o	46 4-	19 2+	28	21+	15	23-
4	42	34	27	49	38		21 3-	23 3-	32 3o	23 3-	26 3-	30 3o	71 5-	69 4+	37	26-	19	26+
5	27	20	33	15	24		85 5-	47 4-	45 4-	27 3o	16 2o	24 3-	12 2-	14 2o	34	23+	20	24-
6	16	9	12	13	13	CC	11 2-	13 2-	10 1+	10 1+	11 2-	11 2-	25 3-	8 1+	12	13+	7	15-
7	20	12	14	18	16		13 2-	15 2o	14 2o	16 2o	17 2+	26 3-	15 2o	9 1+	16	16o	9	17-
8	16	12	11	17	14		6 1o	6 1o	10 1+	18 2+	7 1o	15 2o	24 3-	24 3-	14	14o	6	13-
9	14	14	17	11	14		16 2o	10 1+	18 2+	14 2o	17 2+	17 2+	11 2-	7 1o	14	15o	6	13-
10	13	12	16	10	13	CC	5 1-	16 2o	12 2-	10 1+	8 1+	10 1+	20 2+	3 0+	11	11o	5	11o
11	9	6	8	7	7	CC*	6 1o	10 1+	5 1-	7 1o	9 1+	5 1-	7 1o	3 0+	7	7+	4	7+
12	25	20	12	33	22		2 0+	2 0+	10 1+	21 3-	41 4-	27 3o	35 3+	37 3+	22	18o	11	17+
13	18	16	22	12	17		16 2o	14 2o	12 2-	31 3o	16 2o	10 1+	11 2-	13 2-	15	15+	9	17+
14	15	15	19	11	15	C	27 3o	17 2+	19 2+	17 2+	12 2-	6 1o	9 1+	10 1+	15	15+	7	14+
15	4	5	4	5	4	CC*	3 0+	3 0+	7 1o	2 0+	4 1-	5 1-	4 1-	7 1o	4	5o	2	4-
16	6	5	2	9	6	CC*	0 0o	0 0o	1 0o	2 0+	6 1o	9 1+	6 1o	7 1o	4	5-	2	4-
17	11	10	5	16	11	CC*	2 0+	3 0+	8 1+	8 1+	14 2o	24 3-	28 3o	16 2o	13	13o	4	8+
18	18	13	17	14	16		24 3-	17 2+	13 2-	11 2-	10 1+	12 2-	11 2-	22 3-	15	16-	8	15o
19	66	49	20	94	57		11 2-	9 1+	13 2-	30 3o	61 4+	85 5-	129 6-	82 5-	53	27o	37	31-
20	76	101	74	103	88		83 5-	79 5-	106 5+	107 5+	215 7-	136 6-	61 4+	35 3+	103	40o	74	44+
21	15	10	19	6	13	K	38 3+	16 2o	18 2+	9 1+	8 1+	6 1o	4 1-	9 1+	14	13+	8	13o
22	26	21	8	39	23		6 1o	5 1-	9 1+	8 1+	33 3o	45 4-	34 3+	26 3-	21	17o	12	17-
23	59	39	49	49	49		46 4-	55 4o	34 3+	44 4-	36 3+	63 4+	48 4-	25 3-	44	29-	28	32o
24	23	30	27	27	27		9 1+	32 3o	32 3o	21 3-	28 3o	23 3-	27 3o	4 1-	22	19+	11	19-
25	15	10	15	10	13	C	6 1o	14 2o	20 2+	22 3-	12 2-	6 1o	8 1+	6 1o	12	13o	6	12o
26	5	8	6	7	6	CK*	3 0+	5 1-	4 1-	6 1o	13 2-	6 1o	9 1+	8 1+	7	8o	4	7o
27	43	40	31	51	41		52 4o	23 3-	16 2o	22 3-	14 2o	32 3o	62 4+	128 6-	44	26+	27	28o
28	56	56	55	58	56		21 3-	14 2o	73 5-	113 5+	106 5+	71 5-	26 3-	34 3+	57	31-	44	35o
29	40	26	37	29	33		37 3+	41 4-	48 4-	34 3+	31 3o	40 3+	19 2+	20 2+	34	25o	22	28o
30	26	22	20	28	24		15 2o	16 2o	15 2o	15 2o	21 3-	18 2+	25 3-	32 3o	20	19-	12	21o
31	216	216	219	214	216		175 6+	407 8o	434 8o	153 6o	160 6o	261 7o	307 7+	206 7-	263	55+	192	61o

ROT DAY IN SOLAR ROTATION INTERVAL Three-hour indices Km(provisional) MAR 2001



ROT DAY IN SOLAR ROTATION INTERVAL Three-hour indices aa (logscale) MAR-MAY 2001

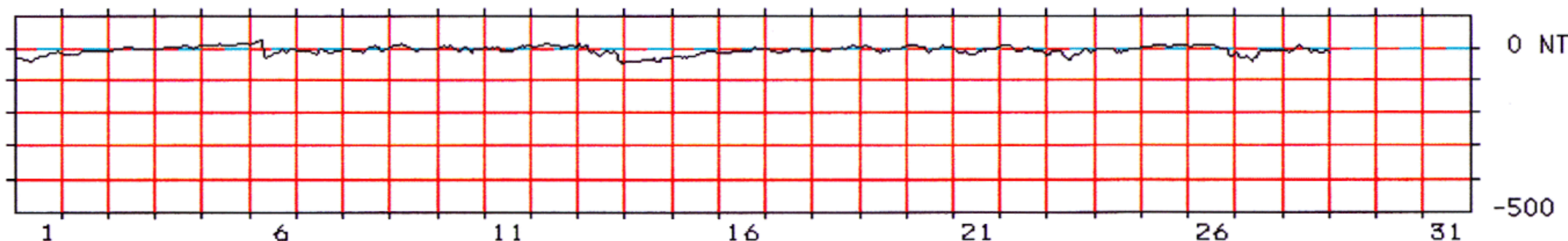


HOURLY EQUATORIAL DST VALUES (PROVISIONAL) - February 2001 -

Unit = NT																								U.T.
DAY	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	-33	-29	-29	-31	-35	-36	-38	-41	-41	-35	-29	-31	-27	-26	-26	-23	-18	-15	-13	-13	-12	-11	-14	-15
2	-18	-21	-22	-22	-22	-21	-20	-18	-18	-14	-9	-9	-11	-11	-9	-9	-9	-9	-7	-8	-8	-9	-9	-8
3	-8	-6	-5	-3	-2	-2	0	1	1	2	2	1	-2	-4	-5	-4	-3	-2	-2	-2	-2	-2	-1	-2
4	-2	-2	-3	-1	1	3	3	2	2	3	3	3	5	6	6	7	5	2	-1	1	3	5	7	7
5	6	6	6	7	7	7	10	11	12	11	9	10	10	9	8	7	10	12	13	13	14	14	12	8
6	15	15	20	19	17	24	26	-4	-31	-27	-24	-18	-12	-12	-12	-8	-4	-9	-13	-10	-3	-4	-5	-9
7	-6	-6	-10	-10	-9	-9	-10	-13	-15	-17	-12	-6	-5	-4	-8	-10	-12	-13	-13	-11	-9	-7	-6	-4
8	-1	-2	-1	-1	-6	-10	-8	-10	-11	-13	-7	0	3	3	5	6	4	1	-1	-8	-10	-5	0	3
9	4	6	6	7	9	12	11	8	5	1	-1	-4	-10	-10	-3	-2	-3	-2	-1	-1	-4	-5	-3	0
10	3	2	3	6	5	5	6	3	-4	-5	-9	-8	-1	1	1	-5	-11	-12	-4	-1	-2	-1	0	1
11	2	-4	-2	1	0	1	2	-5	-9	-8	-9	-11	-8	-6	-7	-5	-1	2	5	6	4	6	6	6
12	1	1	4	6	6	9	12	12	12	9	7	10	8	6	3	0	4	1	4	9	9	8	5	2
13	12	3	2	6	11	-8	-16	-9	-14	-22	-25	-17	-12	-11	-9	-12	-13	-11	-16	-19	-40	-50	-43	-45
14	-44	-43	-43	-44	-44	-43	-41	-41	-38	-35	-37	-38	-37	-36	-32	-40	-43	-40	-28	-32	-30	-30	-33	-30
15	-27	-25	-25	-27	-28	-28	-27	-28	-25	-27	-25	-23	-20	-17	-14	-14	-12	-8	-7	-10	-10	-11	-13	-13
16	-12	-12	-14	-13	-15	-15	-11	-9	-9	-8	-7	-7	-7	-7	-9	-9	-7	-3	1	-2	-1	-2	-3	-4
17	-2	-5	-8	-10	-11	-12	-12	-13	-11	-10	-11	-8	-5	-5	-4	-3	-5	-6	-8	-7	-9	-11	-11	-8
18	-6	-5	-4	-4	-7	-6	-6	-6	-6	-4	-2	-3	-2	0	1	0	-1	2	5	7	7	5	2	1
19	3	8	11	9	5	3	-2	-5	-8	-11	-14	-11	-8	-4	-8	-4	-4	-2	-4	-5	-2	2	5	6
20	8	7	11	9	7	2	2	4	4	1	-6	-14	-11	-2	0	-1	-1	1	6	3	3	3	1	-1
21	-5	-11	-14	-12	-12	-9	-13	-19	-19	-21	-21	-16	-11	-8	-4	-4	-6	-3	-4	-3	-3	-1	3	5
22	7	6	8	9	7	4	-2	-6	-9	-7	-6	-5	-2	1	0	-5	-6	-6	-7	-8	-11	-16	-21	-23
23	-22	-21	-11	-8	-8	-10	-9	-14	-24	-28	-34	-34	-27	-18	-21	-22	-16	-9	-5	-5	-9	-12	-10	-8
24	-5	-4	-4	-2	-3	-3	-2	-3	-5	-4	-7	-12	-11	-14	-11	-10	-8	-5	-3	-3	-2	-1	0	1
25	1	2	2	2	5	6	9	11	10	7	6	7	5	4	4	4	6	7	6	6	8	9	8	6
26	4	4	6	7	7	7	9	7	6	6	6	7	9	5	3	-3	-2	-3	0	-9	-19	-25	-25	-20
27	-15	-18	-31	-29	-30	-27	-28	-36	-39	-33	-28	-20	-11	-9	-9	-11	-11	-9	-7	-7	-8	-8	-9	-9
28	-11	-11	-13	-12	-10	-6	0	5	6	4	-1	-1	-1	-5	-12	-9	-8	-6	-12	-15	-13	-10	-10	-15

DST
PROVISIONAL
2001
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HOURLY EQUATORIAL DST VALUES (PROVISIONAL) - March 2001 -

Unit = NT

DAY	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	-17	-17	-14	-15	-17	-16	-13	-7	-8	-5	-5	-3	-1	-2	-5	-7	-7	-5	-6	-6	-4	-4	-1	-1
2	2	-3	-3	-6	-7	-7	-10	-7	0	1	0	0	1	0	-2	-4	-5	-6	-6	-6	-1	-3	-3	-9
3	-12	-12	-13	-17	-18	-19	-16	-7	-5	-6	-8	-4	-7	-9	0	2	-2	-3	-5	-11	-12	-9	-6	-9
4	-8	-8	-5	-7	-11	-15	-20	-19	-16	-19	-26	-30	-28	-20	-17	-22	-22	-19	-17	-22	-23	-29	-44	-53
5	-66	-72	-72	-59	-50	-41	-43	-53	-57	-48	-39	-34	-32	-27	-26	-25	-19	-18	-17	-16	-15	-18	-21	-22
6	-21	-20	-21	-23	-23	-22	-21	-16	-13	-13	-11	-12	-13	-13	-16	-16	-15	-13	-10	-9	-12	-12	-10	-10
7	-10	-8	-6	-8	-15	-20	-19	-13	-12	-10	-14	-18	-15	-11	-11	-13	-16	-14	-12	-10	-7	-8	-9	-9
8	-8	-6	-5	-7	-10	-8	-11	-13	-15	-19	-16	-11	-6	-4	-4	-6	-4	-2	-4	-2	-6	-12	-10	-8
9	-9	-6	-7	-7	-6	-5	-7	-4	-1	1	-8	-12	-12	-12	-16	-16	-11	-6	-4	-3	-3	-3	-2	-1
10	2	2	1	-1	-2	-5	-3	-1	-3	-6	-4	-3	-2	-1	-1	-1	0	4	0	-3	-4	-2	-1	-1
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22	-45	-42	-40	-38	-37	-35	-34	-29	-30	-23	-21	-17	-13	-3	5	-12	-24	-33	-36	-38	-36	-42	-45	-43
23	-41	-44	-46	-51	-53	-58	-57	-57	-53	-60	-66	-62	-57	-58	-65	-79	-84	-64	-53	-53	-49	-56	-50	-43
24	-38	-35	-31	-28	-25	-30	-41	-42	-36	-26	-29	-31	-30	-26	-29	-27	-22	-17	-20	-19	-20	-22	-24	-27
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26	-17	-16	-14	-14	-13	-13	-12	-10	-8	-6	-6	-9	-12	-12	-9	-9	-8	-6	-7	-8	-7	-5	-7	-8
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