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

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PRELIMINARY REPORT ON RAPID VARIATIONS		JANUARY 2001	
SSC - Storm Sudden Commencements		SFE - Solar Flare Effects	
10 16 20 C: NGK BDV EBR HYB si: VAL 17 16 31 A: NAG* GNA CNB* B: SOD* NGK* VAL* EBR SPT* GUI HYB C: BDV* si: HRB 23 10 48 A: SOD* VAL* HRB NAG* SPT* GUI* HYB B: NUR* NGK* BDV* EBR* HTY* GNA CNB* 31 08 05 A: SOD* NAG* SPT* HYB B: NUR* NGK* BDV* HRB MMB EBR KAK HTY KNY GNA CNB C: VAL* (bps): GUI	10 1012-1024 NGK+ BDV+ NAG 13 0948-1012 GUI (ssc: NGK) 16 0252-0315 KAK+ 24 1110-1127 GUI 25 0412-0423 NAG (si: HRB) 25 0506-0515 NAG (si: HRB at 0500) 26 0252-0315 MMB+ KNY+ 28 1540-1554 HTY+		

REPORTING OBSERVATORIES (up to 6th of March 2001):

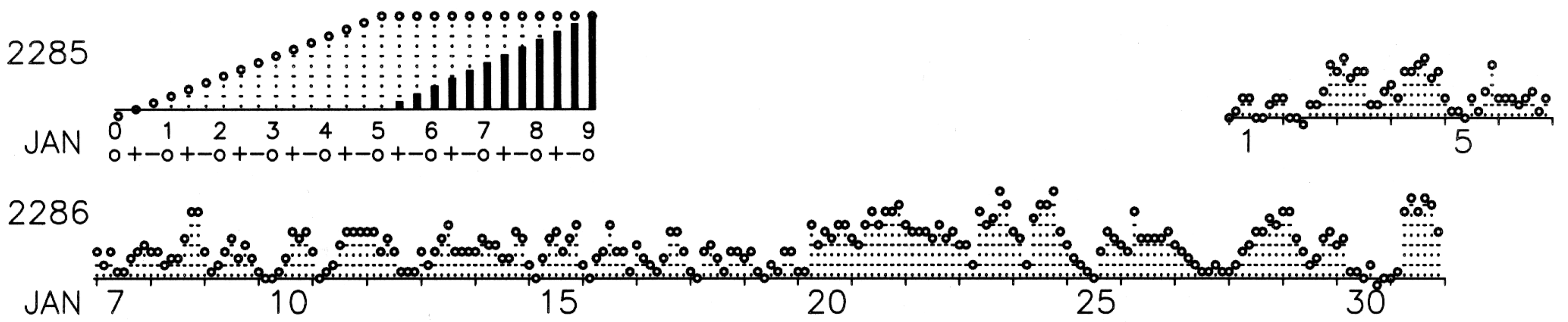
SOD NUR NGK VAL BDV HRB NAG MMB EBR SPT KAK HTY KNY GUI HYB GNA CNB

	FIVE INTERNATIONAL QUIETEST DAYS					FIVE INTERNATIONAL MOST DISTURBED DAYS				
January 2001	1	30	6	2	19	24	21*	31*	23*	29*

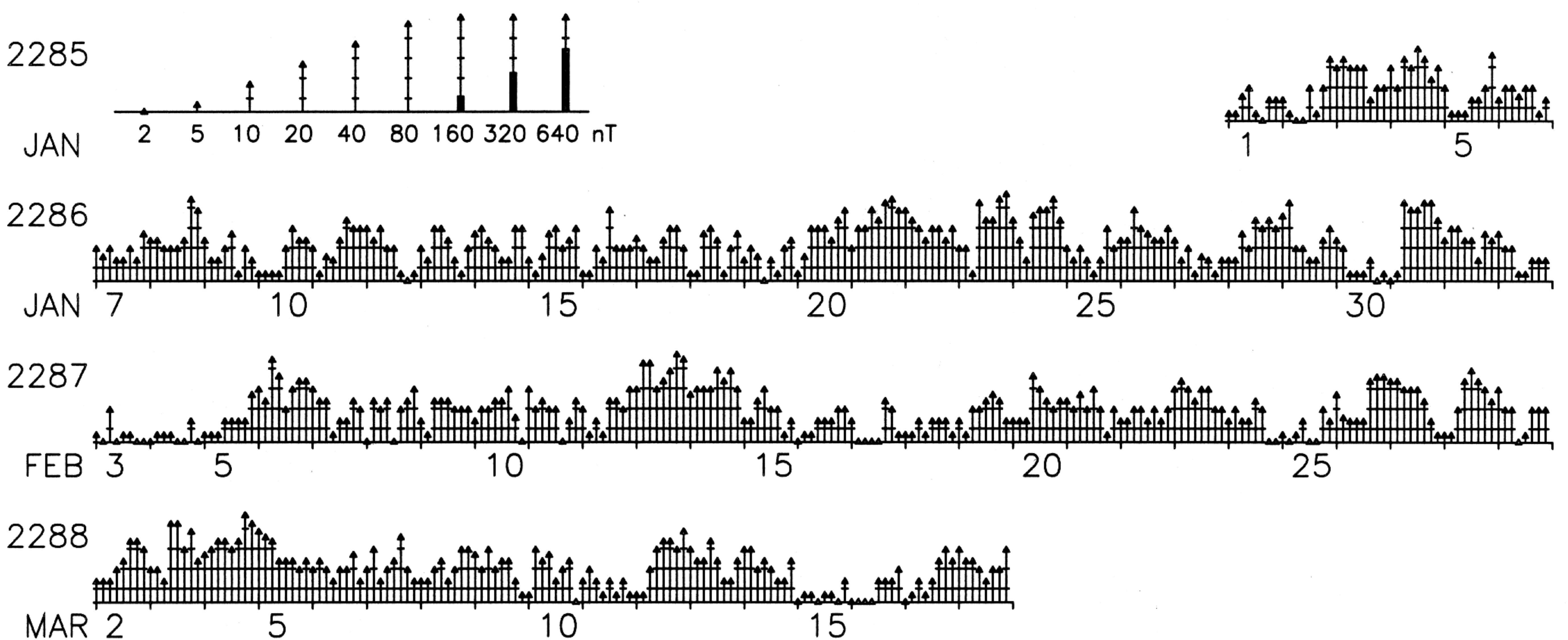
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JANUARY 2001		Geomagnetic Indices (provisional)												Daily Average and Sum				
aa		quiet	am and Km for each three hour interval								Daily Average and Sum							
N	S	am	pm	D	days	1	2	3	4	5	6	7	8	Am	Σ Km	Ap	Σ Kp	
1	4	9	8	6	7	CC*	3 0+	4 1-	9 1+	9 1+	2 0+	3 0+	7 1o	8 1+	6	7-	2	4+
2	10	10	4	15	10	KK*	8 1+	3 0+	2 0+	1 0o	7 1o	6 1o	11 2-	27 3o	8	9-	4	6+
3	17	23	26	14	20		25 3-	36 3+	18 2+	25 3-	21 3-	6 1o	6 1o	13 2-	19	17+	8	15+
4	25	28	23	30	26		14 2o	9 1+	22 3-	26 3-	29 3o	35 3+	20 2+	21 3-	22	20o	11	20-
5	15	8	7	16	12	K	8 1+	5 1-	4 1-	3 0+	8 1+	5 1-	13 2-	27 3o	9	10-	5	9-
6	6	13	10	9	10	CK*	9 1+	8 1+	9 1+	7 1o	9 1+	11 2-	5 1-	8 1+	8	10o	4	8o
7	13	9	10	12	11	CC	11 2-	6 1o	11 2-	5 1-	4 1-	10 1+	11 2-	15 2o	9	11-	5	10o
8	31	18	14	35	25		13 2-	13 2-	7 1o	10 1+	8 1+	18 2+	50 4-	44 4-	20	17-	10	17+
9	9	13	11	11	11	C	13 2-	5 1-	6 1o	12 2-	18 2+	9 1+	14 2o	10 1+	11	12o	5	11-
10	9	13	5	17	11	CC	5 1-	3 0+	2 0+	4 1-	10 1+	25 3-	19 2+	25 3-	12	11o	5	10-
11	17	15	9	24	16		12 2-	2 0+	4 1-	7 1o	16 2o	25 3-	22 3-	21 3-	14	14-	7	13+
12	12	13	19	6	13	K	25 3-	21 3-	13 2-	18 2+	11 2-	4 1-	5 1-	5 1-	13	13o	7	12+
13	11	16	17	10	14	K	12 2-	7 1o	12 2-	20 2+	27 3o	12 2-	11 2-	12 2-	14	15-	6	12o
14	19	15	18	16	17		13 2-	18 2+	16 2o	14 2o	9 1+	9 1+	23 3-	17 2+	15	16-	8	15+
15	12	17	11	19	15	K	6 1o	3 0+	9 1+	17 2+	22 3-	12 2-	19 2+	27 3o	14	15-	6	12+
16	12	15	8	21	14		7 1o	3 0+	10 1+	11 2-	31 3o	12 2-	11 2-	5 1-	11	11+	6	11-
17	15	15	11	19	15		15 2o	9 1+	6 1o	5 1-	10 1+	26 3-	24 3-	12 2-	13	13+	6	13-
18	11	16	14	13	13	KK	5 1-	2 0+	13 2-	16 2o	9 1+	4 1-	12 2-	13 2-	9	10o	4	8+
19	8	10	8	10	9	CC*	9 1+	13 2-	5 1-	2 0+	7 1o	5 1-	12 2-	13 2-	8	9o	4	9-
20	20	25	16	29	22		5 1-	5 1-	29 3o	16 2o	24 3-	19 2+	28 3o	33 3o	20	17+	9	17o
21	41	36	27	51	39		18 2+	16 2o	27 3o	48 4-	33 3o	47 4-	41 4-	56 4o	36	25+	19	26+
22	27	24	29	22	26		32 3o	25 3-	22 3-	21 3-	20 2+	27 3o	19 2+	22 3-	24	21+	12	21+
23	44	31	22	53	37		14 2o	14 2o	6 1o	46 4-	31 3o	36 3+	72 5-	51 4o	34	24-	18	23o
24	33	38	24	48	36		21 3-	20 2+	6 1o	38 3+	53 4o	57 4o	80 5-	26 3-	38	25-	20	26-
25	12	10	10	12	11	C	14 2o	8 1+	6 1o	5 1-	2 0+	12 2-	26 3-	18 2+	11	12o	6	11o
26	21	24	26	19	22		14 2o	12 2-	42 4-	19 2+	17 2+	17 2+	19 2+	23 3-	20	19+	11	20-
27	9	9	10	8	9	CC	14 2o	12 2-	8 1+	7 1o	4 1-	5 1-	6 1o	5 1-	8	9o	4	9-
28	16	24	12	28	20		4 1-	7 1o	12 2-	15 2o	22 3-	23 3-	34 3+	28 3o	18	17o	8	15o
29	24	20	30	14	22		50 4-	44 4-	17 2+	11 2-	7 1o	10 1+	20 2+	26 3-	23	19-	16	20o
30	6	9	10	5	7	C*	16 2o	17 2+	4 1-	4 1-	3 0+	6 1o	1 0o	3 0+	7	7+	3	6-
31	35	42	28	49	39		3 0+	4 1-	44 4-	64 4+	50 4-	65 4+	55 4o	26 3-	39	24-	18	23+

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



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

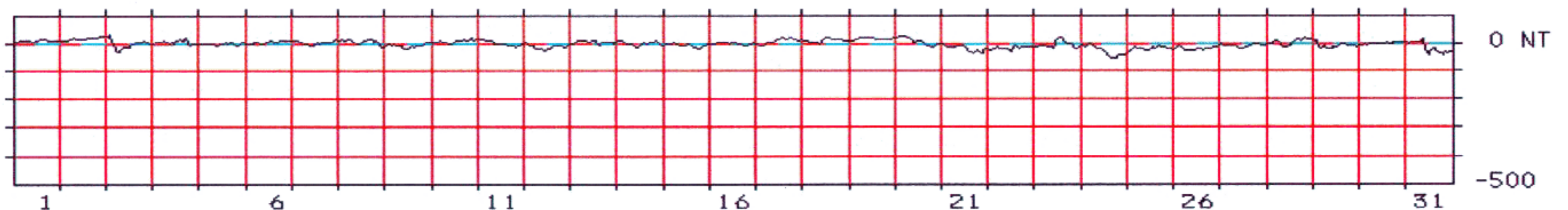


HOURLY EQUATORIAL DST VALUES (PROVISIONAL) - January 2001 -

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	2	4	5	7	7	6	6	8	6	2	3	7	10	15	15	15	13	9	10	8	7	9	11	8
2	6	6	8	11	12	14	17	18	15	13	15	15	15	15	19	18	18	19	21	22	26	27	23	25
3	24	30	14	0	-15	-29	-30	-21	-14	-13	-15	-15	-5	-3	-2	1	3	3	5	6	4	1	0	-1
4	-1	4	3	1	4	7	1	2	0	1	-1	7	11	12	10	7	18	8	-6	-4	-4	-2	-1	0
5	-1	-2	-2	-1	-1	-3	-4	-4	-6	-7	-5	-2	-1	1	-1	1	2	-2	-7	-6	-2	1	1	-2
6	-4	-4	-2	0	4	5	2	-1	-2	0	2	4	7	7	4	3	5	8	7	7	6	7	10	10
7	9	7	6	4	2	0	-5	-5	-9	-11	-7	-3	0	1	0	5	4	2	3	5	3	8	15	9
8	10	13	11	9	13	12	6	1	-3	-2	-2	5	10	10	12	14	14	8	4	6	5	-3	-12	-12
9	-6	-4	-4	-6	-4	-6	-6	-7	-11	-19	-21	-21	-16	-10	-13	-11	-7	-7	-7	-4	1	3	3	2
10	2	2	5	5	6	4	2	2	-1	-3	-3	1	6	10	8	6	13	9	7	13	19	6	12	15
11	15	14	13	10	8	9	6	4	0	-2	-3	-5	-2	0	-5	-7	-10	-9	-9	-12	-8	-7	-3	0
12	2	0	-7	-10	-11	-17	-21	-20	-21	-24	-23	-21	-17	-12	-11	-11	-9	-8	-9	-10	-12	-12	-8	-4
13	-1	-1	4	9	10	9	8	8	3	1	10	10	6	-3	-6	1	5	4	2	1	2	0	3	5
14	8	7	7	1	-1	-1	-1	0	-6	-12	-12	-10	-1	1	-1	0	2	2	5	6	2	-2	-7	-7
15	-4	-4	-2	0	3	2	0	-2	-6	-10	-8	-7	-2	-2	-8	-13	-15	-18	-18	-14	-11	-9	-4	-4
16	-2	-2	0	2	4	4	3	4	1	0	3	4	2	2	-1	-2	-4	-7	-9	-7	-5	-2	1	0
17	-5	-10	-9	-6	-4	2	1	4	4	8	13	15	18	20	14	16	19	19	15	15	16	11	10	12
18	11	9	8	4	2	1	2	3	-2	4	14	17	20	20	14	13	13	12	12	13	9	10	8	9
19	9	8	8	12	16	18	18	17	18	21	22	20	17	14	13	14	14	12	13	13	14	14	18	21
20	22	23	24	24	23	21	17	12	6	3	3	6	11	11	1	-4	-8	-11	-14	-12	-7	-5	-4	-1
21	-4	-9	-14	-13	-14	-12	-14	-11	-6	-7	-7	-14	-17	-28	-33	-37	-34	-28	-25	-29	-35	-38	-20	-21
22	-25	-23	-20	-17	-16	-18	-21	-20	-17	-17	-24	-28	-18	-11	-15	-18	-12	-12	-12	-15	-13	-13	-14	-15
23	-14	-14	-11	-10	-9	-9	-12	-13	-14	-19	-10	15	19	20	12	3	-2	-3	-3	-6	-17	-20	-15	-8
24	-10	-14	-8	-2	-4	-8	-11	-14	-19	-20	-21	-26	-29	-37	-49	-52	-55	-55	-53	-41	-44	-41	-39	-35
25	-33	-25	-18	-15	-18	-20	-19	-19	-23	-27	-27	-22	-18	-16	-17	-12	-11	-14	-13	-16	-18	-17	-19	-23
26	-20	-13	-11	-16	-21	-25	-25	-26	-25	-26	-24	-22	-21	-21	-24	-20	-18	-19	-18	-14	-12	-14	-12	-6
27	-4	-7	-7	-7	-9	-9	-11	-9	-12	-18	-19	-17	-16	-13	-9	-6	-2	-3	-4	-5	-7	-7	-6	-4
28	-5	-5	-2	3	10	9	2	-5	-16	-16	-12	-9	-6	5	7	12	16	11	15	21	16	13	16	13
29	10	8	-11	-18	-12	-8	-20	-22	-19	-17	-16	-15	-12	-7	-5	-3	-5	-6	-6	-9	-9	-10	-12	-10
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31	1	0	2	5	5	4	3	1	14	-8	-33	-39	-27	-21	-22	-31	-36	-37	-43	-33	-36	-33	-32	-29

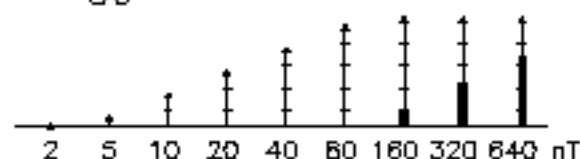
DST
PROVISIONAL
2001
JAN

WDC-C2 KYOTO



MUSICAL DIAGRAM OF aa 2000

ROT DAY IN SOLAR ROTATION INTERVAL Three-hour indices aa (logscale) JAN-DEC 2000
 NO 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27



MUSICAL DIAGRAM OF Km 2000

ROT DAY IN SOLAR ROTATION INTERVAL Three-hour indices Km JAN-DEC 2000

