

FÉDÉRATION DES SERVICES D'ANALYSE DE DONNÉES ASTRONOMIQUES ET GÉOPHYSIQUES
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 SERVICE INTERNATIONAL DES INDICES GEOMAGNETIQUES
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C O N T E N T S

Rapid Variations	- provisional determination of ssc and sfe	October 2000
Classification of days	- five international quietest days and most disturbed days	October 2000
aa	- hemispheric N, S, daily values and planetary half day and daily values	October 2000
	- musical diagram of aa (latest values)	Oct. up to Dec. 17 th 2000
Quiet periods	- truly magnetically very quiet (C) and quiet (K) periods of 24 and 48 hours, and 5 international quietest days (*)	October 2000
am, Km	- three hour indices values musical diagram of Km	October 2000
Am, ΣKm	- daily values	October 2000
Ap, ΣKp	- daily values	October 2000
	- monthly tables of hourly indices	October 2000
Dst	- monthly tables of hourly indices	October 2000

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

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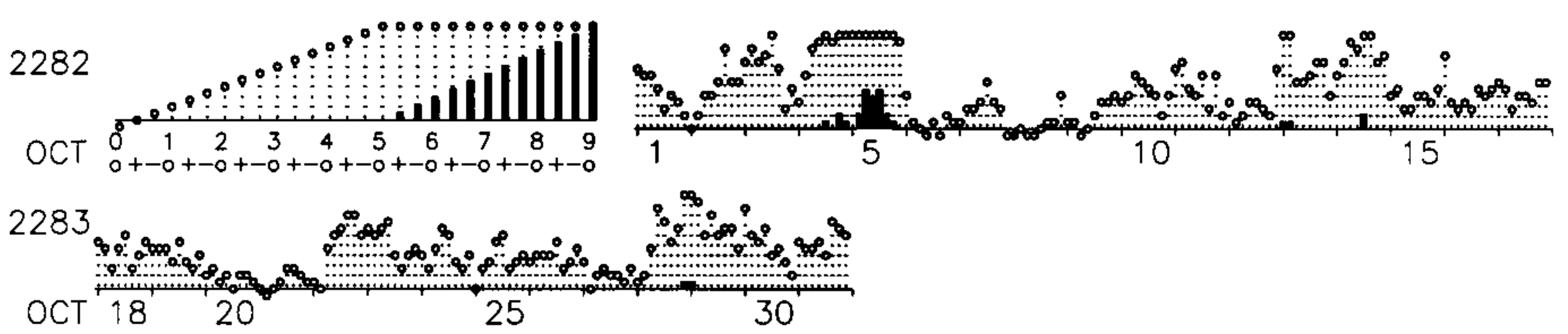
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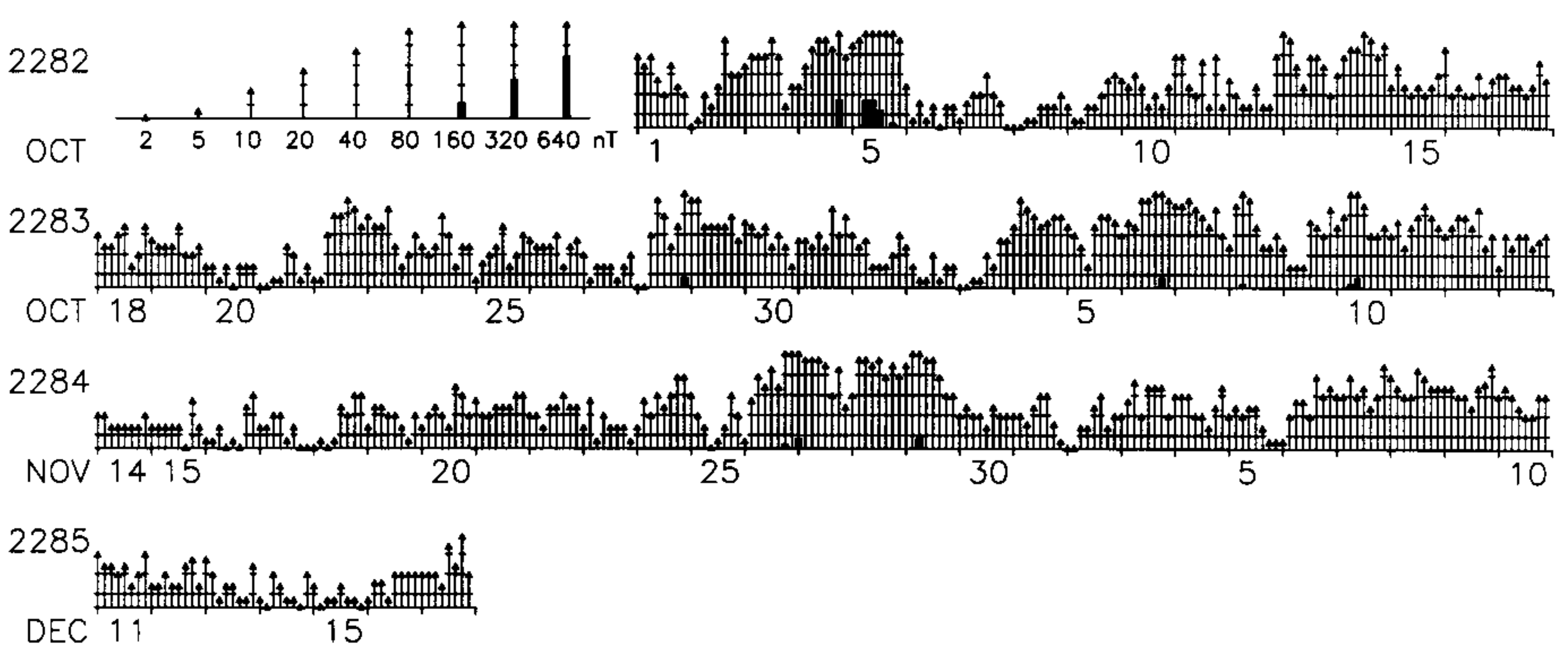
PRELIMINARY REPORT ON RAPID VARIATIONS		OCTOBER 2000		
SSC - Storm Sudden Commencements		SFE - Solar Flare Effects		
03 00 54	A : NAG* B : VAL CLF* HRB GCK EBR* GUI C : QUE	31	1715-1734 GUI (see SSC)	
05 03 26	A : LNP B : NUR* NGK* MMB* SPT KAK* HTY* KNY* CNB* C : EBR* GNA*			
12 22 28	A : CLF* HRB NAG* SPT GUI HER B : NUR NGK* VAL BDV* GCK EBR* HTY* QUE LNP CNB* C : SOD GNA			
28 09 54	A : CLF* HRB NAG* LNP HER B : NUR* NGK* BDV* GCK* EBR* SPT* HTY QUE GUI CNB C : SOD* VAL* GNA			
31 17 14	A : SPT* QUE LNP GNA B : NGK* BDV* EBR* CNB C : GCK Sfe : GUI			
REPORTING OBSERVATORIES (up to 1st of December 2000) :				
SOD NUR NGK VAL BDV CLF HRB NAG GCK MMB EBR SPT KAK HTY KNY QUE GUI LNP GNA HER CNB				
	FIVE INTERNATIONAL QUIETEST DAYS		FIVE INTERNATIONAL MOST DISTURBED DAYS	
October 2000	20	8	21	9
			6	
			5	4
			14	29
				13

OCTOBER 2000						Geomagnetic Indices (provisional)								Daily Average and Sum				
	aa				D	quiet days	am and Km for each three hour interval								Am ΣKm		Ap ΣKp	
	N	S	am	pm			1	2	3	4	5	6	7	8				
1	32	22	36	18	27		40 3+	32 3o	28 3o	19 2+	10 1+	16 2o	12 2-	7 1o	21	18-	13	20o
2	20	23	7	36	22		2 0+	7 1o	15 2o	16 2o	22 3-	61 4+	25 3-	25 3-	22	18-	10	16o
3	37	43	42	38	40		46 4-	63 4+	49 4-	59 4o	93 5o	39 3+	9 1+	18 2+	47	28-	30	31-
4	77	72	47	103	75		13 2-	29 3o	68 4+	74 5-	112 5+	79 5-	141 6-	106 5+	78	35-	63	40+
5	135	133	151	117	134		91 5o	138 6-	225 7-	179 6+	218 7-	140 6-	115 5+	80 5-	148	46o	116	53-
6	6	9	9	7	8	C *	14 2o	5 1-	3 0+	1 0o	5 1-	1 0o	7 1o	5 1-	5	5+	4	7+
7	9	13	10	12	11	CC	4 1-	8 1+	9 1+	11 2-	23 3-	12 2-	10 1+	0 0o	10	11-	4	9o
8	7	5	4	9	6	CC *	1 0o	2 0+	1 0o	1 0o	3 0+	4 1-	4 1-	16 2o	4	4o	2	4+
9	12	10	7	16	11	CK *	4 1-	5 1-	1 0o	3 0+	6 1o	11 2-	13 2-	16 2o	7	8o	4	7+
10	18	12	19	11	15		13 2-	16 2o	32 3o	23 3-	18 2+	14 2o	7 1o	14 2o	17	17-	8	16+
11	29	26	30	25	27		36 3+	48 4-	19 2+	16 2o	31 3o	10 1+	32 3o	6 1o	25	20-	15	21o
12	15	16	12	20	16		13 2-	5 1-	6 1o	12 2-	13 2-	9 1+	7 1o	36 3+	13	12+	6	12+
13	51	41	58	34	46		110 5+	104 5+	26 3-	21 3-	31 3o	41 4-	41 4-	16 2o	49	28+	36	31-
14	57	64	47	74	60		31 3o	47 4-	72 5-	64 4+	121 6-	98 5o	47 4-	56 4o	67	34o	45	39-
15	17	19	19	17	18		14 2o	19 2+	10 1+	8 1+	15 2o	15 2o	13 2-	19 2+	14	15o	8	16o
16	25	16	25	17	21		54 4o	12 2-	8 1+	11 2-	10 1+	17 2+	14 2o	18 2+	18	17-	10	17+
17	27	14	20	21	21		26 3-	20 2+	10 1+	14 2o	15 2o	12 2-	26 3-	23 3-	18	17+	11	20-
18	20	21	20	21	21		22 3-	17 2+	9 1+	18 2+	29 3o	10 1+	16 2o	26 3-	18	18-	9	18-
19	18	17	17	18	18		20 2+	17 2+	18 2+	12 2-	23 3-	12 2-	10 1+	16 2o	16	16+	9	17+
20	6	7	7	7	7	CC *	6 1o	8 1+	4 1-	6 1o	2 0+	6 1o	6 1o	5 1-	5	7o	3	5o
21	7	7	4	10	7	CK *	2 0+	1 0o	2 0+	4 1-	10 1+	9 1+	7 1o	5 1-	5	6-	3	6-
22	36	39	20	54	37		4 1-	3 0+	19 2+	32 3o	40 3+	56 4o	57 4o	33 3o	31	21-	16	21+
23	31	26	42	15	29		38 3+	28 3o	38 3+	41 4-	16 2o	9 1+	15 2o	18 2+	25	21o	15	23o
24	16	23	23	16	19		15 2o	9 1+	19 2+	37 3+	32 3o	12 2-	10 1+	15 2o	19	17o	9	17o
25	14	15	11	19	15		2 0+	8 1+	13 2-	22 3-	29 3o	10 1+	13 2-	16 2o	14	14o	6	12+
26	19	15	17	17	17		13 2-	15 2o	16 2o	15 2o	25 3-	9 1+	12 2-	17 2+	15	16-	8	16o
27	9	7	8	8	8	C	12 2-	3 0+	7 1o	9 1+	6 1o	7 1o	4 1-	8 1+	7	8+	4	9o
28	32	53	27	58	43		4 1-	6 1o	17 2+	69 4+	44 4-	21 3-	35 3+	107 5+	38	23+	20	23o
29	52	36	56	32	44		112 5+	83 5-	33 3o	59 4o	30 3o	39 3+	39 3+	17 2+	52	29o	34	32o
30	26	21	31	16	24		65 4+	31 3o	21 3-	34 3+	14 2o	18 2+	12 2-	6 1o	25	20+	15	21o
31	30	26	20	36	28		23 3-	18 2+	18 2+	24 3-	15 2o	50 4-	34 3+	32 3o	27	22o	13	21+

ROT DAY IN SOLAR ROTATION INTERVAL Three-hour indices Km (provisional) OCT 2000



ROT DAY IN SOLAR ROTATION INTERVAL Three-hour indices aa (logscale) OCT-DEC 2000



HOURLY EQUATORIAL DST VALUES (PROVISIONAL) - October 2000 -

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	-52	-45	-44	-46	-51	-50	-44	-42	-42	-41	-39	-36	-35	-32	-31	-28	-26	-21	-19	-18	-16	-16	-16	-16
2	-18	-17	-17	-18	-13	-6	-2	-6	-11	-17	-21	-24	-20	-18	-18	-21	-26	-36	-32	-26	-25	-32	-38	-40
3	-42	-35	-42	-48	-53	-52	-60	-60	-62	-73	-72	-78	-86	-67	-69	-65	-60	-47	-44	-41	-39	-35	-33	-26
4	-30	-23	-25	-29	-30	-30	-35	-35	-49	-57	-60	-74	-83	-101	-72	-93	-109	-115	-127	-146	-137	-132	-113	-114
5	-117	-118	-100	-87	-103	-138	-161	-172	-144	-120	-107	-120	-182	-192	-181	-177	-157	-154	-143	-139	-133	-126	-111	-105
6	-101	-98	-93	-89	-84	-81	-78	-75	-73	-69	-68	-64	-63	-61	-59	-56	-54	-49	-46	-45	-45	-45	-45	-43
7	-38	-31	-32	-33	-32	-33	-35	-35	-31	-29	-30	-32	-37	-38	-40	-38	-34	-32	-29	-26	-24	-25	-26	-26
8	-25	-22	-19	-20	-21	-21	-22	-20	-17	-15	-13	-13	-10	-9	-11	-12	-12	-12	-12	-13	-15	-15	-18	-16
9	-15	-13	-11	-9	-11	-11	-10	-9	-8	-8	-7	-6	-5	-4	-2	1	0	-4	-11	-14	-10	-10	-12	-10
10	-9	-8	-10	-13	-15	-16	-18	-20	-25	-25	-27	-29	-27	-24	-24	-26	-26	-24	-15	-11	-10	-13	-13	-9
11	-7	-12	-14	-21	-27	-36	-42	-40	-39	-34	-29	-28	-26	-28	-24	-22	-23	-23	-24	-14	-16	-18	-20	-21
12	-17	-16	-15	-14	-13	-13	-13	-13	-14	-11	-14	-13	-9	-9	-11	-12	-15	-12	-9	-7	-4	-4	7	17
13	2	-22	-34	-34	-54	-63	-51	-38	-37	-27	-19	-13	-7	-4	-3	-9	-21	-22	-25	-33	-32	-36	-41	-46
14	-50	-50	-44	-49	-57	-74	-87	-79	-87	-92	-79	-84	-92	-95	-110	-105	-105	-88	-77	-71	-64	-63	-62	-57
15	-46	-38	-36	-36	-37	-34	-33	-32	-31	-30	-30	-29	-28	-29	-27	-23	-20	-21	-21	-15	-14	-18	-20	-19
16	-20	-31	-34	-29	-25	-25	-26	-24	-22	-22	-23	-20	-18	-19	-17	-15	-12	-11	-10	-12	-11	-11	-10	-10
17	-10	-11	-11	-12	-10	-7	-1	-2	-5	-4	-4	-4	-4	-3	-5	-10	-7	-7	-5	-1	-5	-11	-12	-9
18	-11	-11	-10	-9	-9	-11	-9	-4	-5	-7	-9	-5	-2	-3	0	4	0	-3	-6	-8	-8	-7	-6	-14
19	-13	-10	-11	-7	-2	-1	0	-3	-6	-5	-3	-2	-1	-4	-4	-4	0	2	1	-1	-1	-1	0	3
20	5	4	4	3	3	2	3	3	1	1	2	2	3	5	7	6	5	6	4	1	1	-2	-1	0
21	0	1	3	6	9	12	13	12	12	11	13	13	11	9	5	7	8	8	11	16	17	18	17	15
22	12	12	12	14	17	23	29	32	36	27	14	11	3	1	-8	-14	-12	-22	-32	-38	-30	-30	-30	-30
23	-35	-32	-20	-20	-28	-29	-39	-48	-40	-32	-27	-26	-20	-20	-22	-20	-20	-18	-14	-12	-8	-9	-13	-16
24	-16	-17	-19	-20	-20	-20	-18	-22	-25	-23	-31	-32	-36	-32	-27	-22	-21	-18	-15	-13	-14	-16	-17	-17
25	-18	-17	-16	-14	-12	-13	-14	-16	-23	-21	-20	-22	-28	-26	-18	-9	-8	-9	-7	-7	-6	-6	-9	-17
26	-20	-17	-12	-9	-10	-15	-21	-29	-31	-26	-25	-24	-24	-17	-13	-11	-11	-10	-9	-6	-1	-4	-13	-18
27	-18	-17	-16	-14	-9	-8	-11	-11	-11	-9	-8	-11	-12	-8	-5	-3	-3	0	4	6	4	0	-3	-4
28	-5	-3	0	4	6	4	5	5	6	7	20	-6	-14	1	-7	-7	4	7	6	14	17	1	-9	-50
29	-89	-107	-113	-113	-94	-99	-102	-105	-112	-105	-81	-79	-81	-76	-72	-71	-75	-77	-73	-68	-58	-55	-53	-49
30	-49	-49	-45	-34	-31	-33	-33	-29	-28	-34	-35	-29	-28	-29	-32	-33	-30	-25	-21	-25	-25	-25	-24	-24
31	-22	-20	-20	-19	-14	-10	-7	-5	-8	-16	-20	-20	-20	-18	-17	-16	-18	-8	-8	-9	-11	-15	-16	-15

DST
PROVISIONAL
2000
OCT

WDC-C2 KYOTO

