

FÉDÉRATION DES SERVICES D'ANALYSE DE DONNÉES ASTRONOMIQUES ET GÉOPHYSIQUES
 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°00 - 08 - Aout 2000
ISGI Publications Office Monthly Bulletin n°00 - 08 - August 2000

CONTENTS

Rapid Variations	- provisional determination of ssc and sfe	August 2000
Classification of days	- five international quietest days and most disturbed days	August 2000
aa	- hemispheric N, S, daily values and planetary half day and daily values	August 2000
	- musical diagram of aa (latest values)	Aug. up to Oct. 15 th 2000
Quiet periods	- truly magnetically very quiet (C) and quiet (K) periods of 24 and 48 hours, and 5 international quietest days (*)	August 2000
am, Km	- three hour indices values musical diagram of Km	August 2000
Am, ΣKm	- daily values	August 2000
Ap, ΣKp	- daily values	August 2000
	- monthly tables of hourly indices	August 2000
Dst	- monthly tables of hourly indices	August 2000

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.

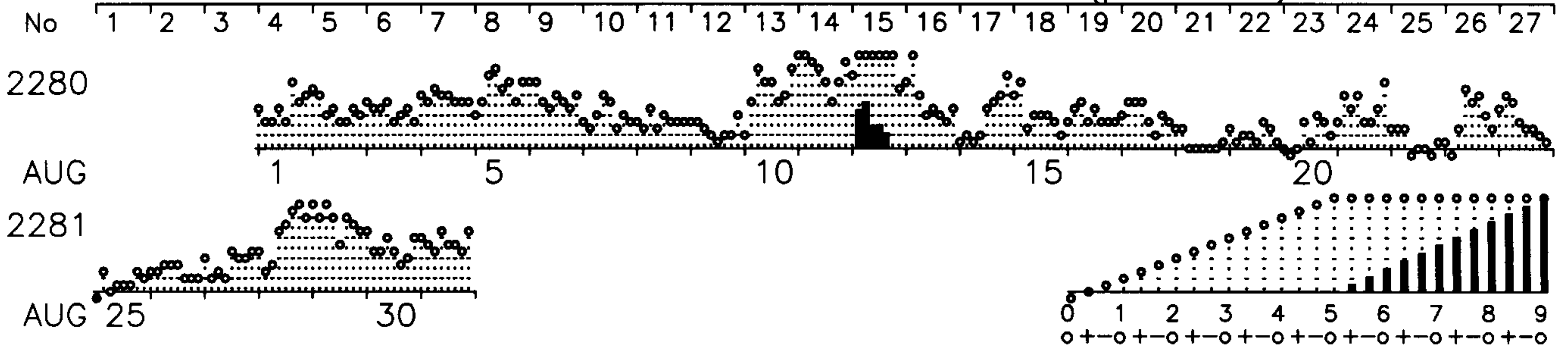
PRELIMINARY REPORT ON RAPID VARIATIONS		AUGUST 2000
<p style="text-align: center;">SSC - Storm Sudden Commencements</p> <p>10 05 01 A : CLF* GUI B : NUR* HRB NAG* SPT C : NGK* VAL GCK EBR*</p> <p>11 18 46 A : MMB* KNY* GUI B : EBR* KAK* QUE HYB C : NGK GCK SPT</p>	<p style="text-align: center;">SFE - Solar Flare Effects</p> <p>20 1526-1539 NAG</p>	
<p>REPORTING OBSERVATORIES (<i>up to th 2nd of October 2000</i>): SOD NUR NGK VAL CLF HRB NAG GCK MMB EBR SPT KAK KNY QUE GUI HYB GNA HER CNB</p>		

	FIVE INTERNATIONAL QUIETEST DAYS					FIVE INTERNATIONAL MOST DISTURBED DAYS				
August 2000	22	25	18	19	26	12	11	29	28	5

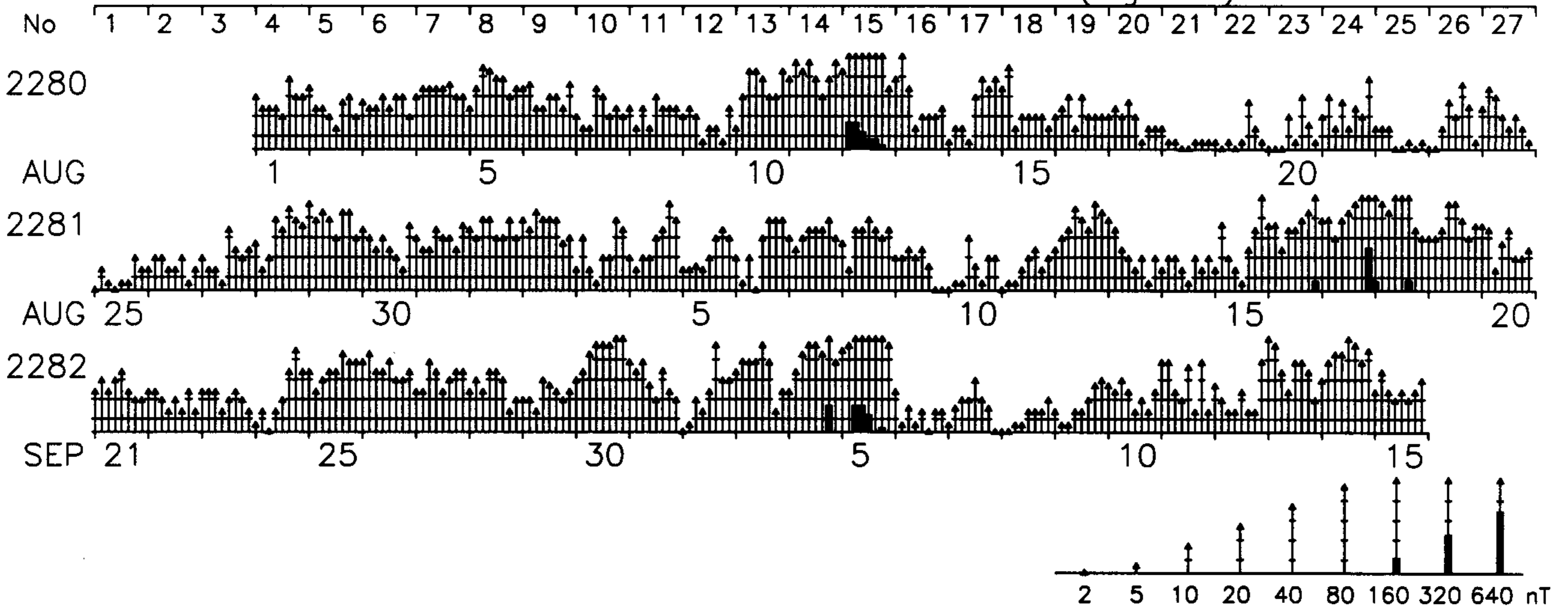
Directeur de la Publication : J. PARIS - Edité le 23/10/2000 par E. LEMAULF
 Collaborateurs : J.O. CARDUS - P. CUGNON - T. KAMEI - M. MENVIELLE - M. SIEBERT - M. SUGIURA
 Bureau des Publications SIIG - fondé par A. BERTHELIER
 CETP 4, avenue Neptune - 94107 SAINT MAUR DES FOSSES CEDEX - FRANCE
 Téléphone : +33 +1 45 11 42 47 - Télécopie : +33 +1 48 89 44 33 Email : Josette.PARIS@cetp.ipsl.fr
 Web : <http://www.cetp.ipsl.fr/~isgi/homepag1.htm>

AUGUST 2000						Geomagnetic Indices (provisional)								Daily Average and Sum				
	aa				D	quiet days	am and Km for each three hour interval								Am Σ Km		Ap	Kp
	N	S	am	pm			1	2	3	4	5	6	7	8				
1	27	17	18	26	22		19 2+	13 2-	13 2-	20 2+	12 2-	41 4-	26 3-	33 3o	22	19o	12	20+
2	23	12	19	16	18		34 3+	31 3o	16 2o	19 2+	11 2-	13 2-	18 2+	16 2o	20	18+	10	19o
3	22	16	19	19	19		23 3-	19 2+	19 2+	24 3-	13 2-	16 2o	18 2+	12 2-	18	18-	9	18+
4	35	24	30	29	30		31 3o	24 3-	35 3+	28 3o	30 3o	26 3-	25 3-	23 3-	28	23o	17	26-
5	45	35	44	37	40		15 2o	24 3-	57 4o	66 4+	40 3+	43 4-	22 3-	45 4-	39	26+	25	29+
6	32	18	25	25	25		42 4-	50 4-	21 3-	20 2+	28 3o	21 3-	19 2+	27 3o	29	23+	16	24+
7	17	14	15	16	16		11 2-	8 1+	15 2o	29 3o	21 3-	10 1+	16 2o	13 2-	15	16-	7	15-
8	16	14	12	18	15		11 2-	8 1+	19 2+	10 1+	16 2o	13 2-	13 2-	12 2-	13	14-	6	14+
9	10	10	11	9	10	C	11 2-	12 2-	8 1+	7 1o	5 1-	6 1o	6 1o	15 2o	9	10+	5	11-
10	42	34	38	38	38		6 1o	26 3-	66 4+	46 4-	43 4-	23 3-	27 3o	67 4+	38	25+	25	28+
11	64	51	66	49	57		93 5o	94 5o	77 5-	62 4+	46 4-	24 3-	49 4-	80 5-	66	34-	47	38+
12	121	156	172	105	138		60 4o	232 7-	278 7o	173 6o	157 6o	140 6-	92 5o	34 3+	146	44-	123	52+
13	33	27	47	13	30		46 4-	89 5o	31 3o	14 2o	20 2+	15 2o	12 2-	18 2+	31	22o	19	23o
14	25	18	7	37	22		5 1-	7 1o	4 1-	7 1o	20 2+	26 3-	31 3o	58 4o	20	15+	12	17o
15	16	25	30	11	20		30 3o	41 4-	8 1+	16 2o	15 2o	14 2o	11 2-	7 1o	18	17-	8	15o
16	15	15	15	15	15		13 2-	18 2+	22 3-	11 2-	17 2+	11 2-	11 2-	12 2-	14	16-	7	15-
17	11	12	15	8	12	CC	14 2o	22 3-	21 3-	21 3-	13 2-	6 1o	15 2o	12 2-	16	16+	6	14-
18	6	3	5	4	5	CC*	10 1+	9 1+	3 0+	3 0+	2 0+	2 0+	3 0+	4 1-	5	5o	3	6o
19	9	4	4	10	7	CC*	9 1+	4 1-	6 1o	6 1o	4 1-	12 2-	9 1+	5 1-	7	8+	4	8o
20	11	5	5	11	8	CK	2 0+	1 0o	3 0+	11 2-	4 1-	14 2o	11 2-	7 1o	7	8-	4	8o
21	20	16	16	20	18	K	13 2-	28 3o	19 2+	31 3o	11 2-	13 2-	17 2+	50 4-	23	19+	10	19-
22	6	5	7	4	5	CK*	10 1+	9 1+	10 1+	1 0o	2 0+	2 0+	0 0o	5 1-	5	5+	2	5-
23	17	9	8	18	13	KK	4 1-	0 0o	8 1+	36 3+	24 3-	31 3o	14 2o	8 1+	16	14+	7	12+
24	16	13	21	8	15	K	19 2+	30 3o	26 3-	13 2-	10 1+	9 1+	6 1o	5 1-	15	14o	8	15-
25	7	5	4	8	6	CC*	1 0o	10 1+	3 0+	4 1-	4 1-	4 1-	10 1+	6 1o	5	6o	3	6-
26	10	8	10	8	9	CC*	9 1+	10 1+	12 2-	11 2-	11 2-	6 1o	6 1o	6 1o	9	11-	5	10-
27	15	12	8	19	14		15 2o	6 1o	8 1+	7 1o	19 2+	14 2o	14 2o	18 2+	13	14o	7	14-
28	42	25	22	45	33		18 2+	8 1+	13 2-	38 3+	45 4-	66 4+	76 5-	58 4o	40	25+	27	28+
29	52	47	58	42	50		75 5-	54 4o	71 5-	52 4o	24 3-	52 4o	44 4-	34 3+	51	31o	35	34+
30	24	18	24	18	21		39 3+	18 2+	19 2+	29 3o	18 2+	13 2-	14 2o	27 3o	22	20o	12	21+
31	27	20	22	25	24		32 3o	26 3-	18 2+	40 3+	22 3-	23 3-	17 2+	34 3+	27	22+	14	23-

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



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



HOURLY EQUATORIAL DST VALUES (PROVISIONAL) - August 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	-23	-21	-25	-26	-27	-28	-27	-25	-22	-18	-16	-14	-19	-21	-22	-26	-31	-32	-26	-17	-12	-13	-17	-23
2	-22	-16	-14	-25	-35	-39	-34	-30	-24	-22	-19	-13	-12	-8	-9	-11	-9	-11	-15	-13	-12	-9	-12	-14
3	-14	-9	-11	-17	-19	-13	-10	-8	-7	-9	-10	-7	-3	-4	-8	-8	-7	-4	-4	1	1	3	-4	-6
4	-6	-10	-16	-25	-27	-27	-26	-28	-22	-18	-18	-12	-15	-23	-25	-24	-24	-24	-18	-16	-13	-13	-17	-19
5	-14	-9	-9	-10	-7	2	2	-5	-13	-35	-25	-19	-24	-32	-40	-41	-40	-32	-25	-17	-17	-18	-19	-23
6	-26	-32	-35	-44	-48	-50	-42	-36	-30	-24	-25	-26	-22	-25	-24	-26	-21	-18	-20	-17	-14	-12	-13	-12
7	-8	-11	-18	-23	-21	-14	-12	-7	-11	-14	-18	-23	-23	-18	-16	-17	-16	-13	-10	-8	-8	-7	-10	-8
8	-6	-4	-5	-6	-6	0	3	-1	-11	-4	-5	-8	-16	-14	-8	-8	-8	-5	0	-3	-1	3	3	1
9	-4	-6	-9	-11	-8	-7	-6	-5	-6	-8	-8	-6	-8	-5	-2	-2	0	2	3	6	9	6	2	5
10	6	8	7	3	-2	5	-9	-20	-21	-20	-14	-12	-26	-26	-17	-16	-17	-21	-22	-21	-18	-29	-52	-52
11	-59	-70	-74	-91	-86	-88	-103	-92	-85	-78	-86	-81	-82	-75	-72	-63	-60	-56	-50	-40	-48	-42	-45	-32
12	-20	-14	-23	-65	-81	-81	-116	-195	-203	-237	-227	-197	-181	-164	-173	-161	-158	-146	-136	-102	-98	-97	-97	-87
13	-74	-80	-67	-51	-50	-48	-58	-54	-54	-55	-57	-63	-67	-63	-58	-52	-47	-44	-38	-36	-35	-36	-42	-44
14	-42	-43	-44	-45	-43	-37	-34	-33	-32	-28	-26	-26	-25	-23	-26	-26	-24	-20	-23	-25	-20	-12	-5	-10
15	-12	-8	-6	-11	-25	-21	-19	-19	-19	-21	-23	-15	-19	-22	-20	-17	-16	-13	-9	-11	-11	-10	-13	-15
16	-18	-16	-16	-18	-12	-12	-6	-11	-15	-15	-19	-21	-19	-15	-13	-10	-5	-3	0	-5	-12	-10	-17	-14
17	-10	-10	-6	-5	-3	0	-1	-9	-9	-3	-4	-3	-7	-8	-11	-11	-8	-8	-5	-1	-2	0	1	2
18	0	-3	-6	-4	-1	-1	-1	-1	2	5	5	4	3	3	4	3	0	-1	-2	-2	-1	1	-1	0
19	0	3	5	5	0	2	5	7	5	5	6	5	6	8	9	11	10	10	7	2	1	1	-2	-1
20	1	4	3	2	2	5	6	7	9	11	12	9	11	13	14	12	10	13	16	19	19	16	8	3
21	1	4	1	-8	-15	-20	-19	-18	-18	-15	-13	-11	-15	-18	-21	-25	-27	-31	-30	-31	-33	-33	-25	-23
22	-20	-20	-21	-20	-17	-16	-13	-8	-5	-3	-2	-2	-1	0	2	3	6	6	7	9	9	9	6	4
23	4	3	-1	-3	-3	-3	-3	0	5	1	-10	-33	-30	-23	-14	-5	-1	-6	-17	-15	-14	-10	-10	-10
24	-9	-6	-5	-4	-7	-13	-12	-5	-6	-5	-6	-7	-5	-4	-3	-3	-2	3	3	1	1	0	-3	-4
25	-5	-3	-3	-1	2	2	3	4	5	6	4	2	4	5	4	2	2	4	5	6	5	5	3	3
26	2	1	1	1	2	-1	-6	-10	-14	-17	-14	-9	-10	-13	-11	-9	-4	-3	-3	-3	0	1	1	1
27	1	-1	-2	-2	-3	-1	1	-2	0	4	4	2	5	10	13	10	9	10	13	12	15	15	13	13
28	15	15	12	7	7	13	15	21	24	15	1	-9	-13	-17	-10	-5	-7	-7	-20	-14	-12	-10	-29	-34
29	-32	-30	-36	-36	-47	-47	-58	-50	-41	-32	-29	-32	-24	-21	-19	-20	-21	-19	-20	-22	-25	-22	-25	-26
30	-30	-31	-34	-32	-31	-30	-29	-23	-23	-22	-15	-16	-14	-16	-13	-10	-6	-3	1	3	2	-4	-9	-10
31	-8	-12	-22	-22	-20	-16	-13	-13	-11	-9	-19	-22	-20	-24	-23	-20	-15	-19	-18	-15	-16	-14	-15	-14

DST
PROVISIONAL
2000
AUG

WDC-C2 KYOTO

