

FÉDÉRATION DES SERVICES D'ANALYSE DE DONNÉES ASTRONOMIQUES ET GÉOPHYSIQUES
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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

JUNE 2000

SSC - Storm Sudden Commencements

SFE - Solar Flare Effects

<p>04 15 02 A: NGK* CLF HRB* NAG* SPT* GNA CNB B: NUR BDV* EBR* QUE LNP HYB ETT HER C: HTY</p> <p>08 09 10 A: CLF* MMB* SPT* KAK HTY* KNY* QUE LNP HYB ETT B: NUR* NGK* BDV* EBR* GNA* HER C: NAG*</p> <p>11 08 01 B: NGK* CLF ETT C: NUR* BDV* SPT* HTY LNP HYB</p> <p>12 22 08 B: NGK* C: HYB Si: EBR SPT</p> <p>23 13 03 A: NGK CLF NAG SPT* GUI* LNP HYB ETT HER B: BDV HRB EBR QUE GNA</p>	<p>01 0611-0640 HTY+</p> <p>03 0942-1005 NAG</p> <p>07 0440-0500 MMB+ KAK+ HTY+ KNY+</p> <p>07 1534-1550 HTY+</p> <p>17 0226-0248 HTY+</p> <p>18 0155-0215 MMB+ KAK+ HTY+ KNY+ LNP GNA+ CNB+</p> <p>23 0403-0415 HTY+</p>
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REPORTING OBSERVATORIES (up to 1st of August 2000):

NUR NGK BDV CLF HRB NAG MMB EBR SPT KAK HTY KNY QUE GUI LNP HYB ETT GNA HER CNB

	FIVE INTERNATIONAL QUIETEST DAYS					FIVE INTERNATIONAL MOST DISTURBED DAYS				
June 2000	30	16	9	25K	17	8	26	14	23	5

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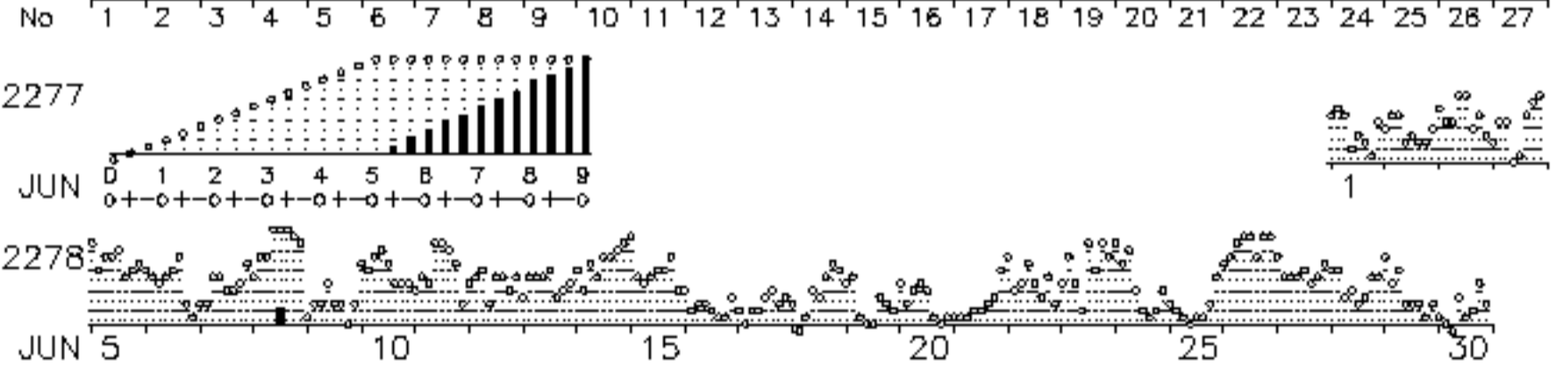
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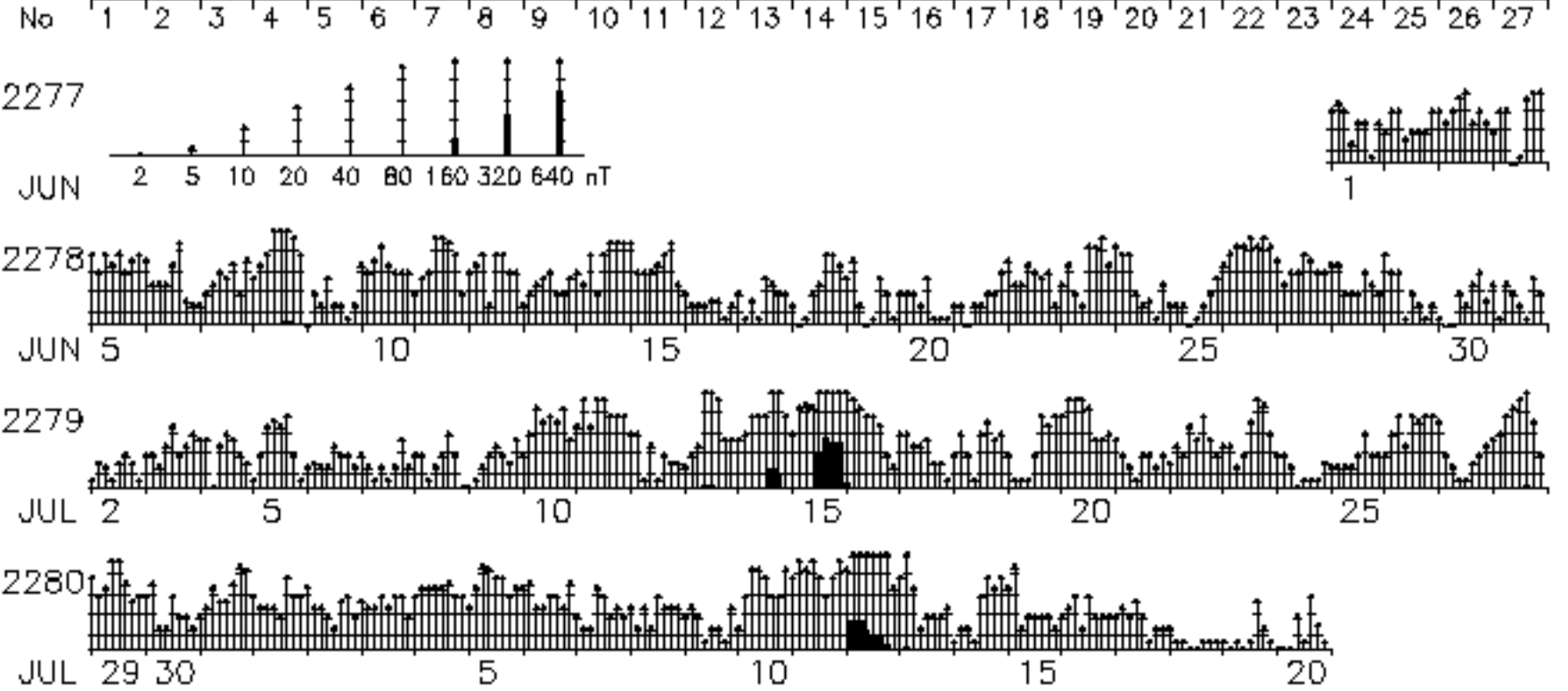
Web : <http://www.cetp.ipsl.fr/~isgi/homepag1.htm>

JUNE 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	18	18	22	13	18		23 3-	32 30	21 3-	7 10	11 2-	10 1+	4 1-	17 2+	16	15+	8	150
2	11	21	17	15	16		14 20	23 3-	23 3-	9 1+	13 2-	8 1+	9 1+	16 20	14	150	6	130
3	24	27	26	26	26		28 30	19 2+	17 2+	48 4-	43 4-	14 20	24 3-	11 2-	26	21+	11	200
4	25	24	16	33	24		8 1+	17 2+	20 2+	3 0+	5 1-	26 3-	34 3+	43 4-	20	17-	12	17+
5	45	30	37	38	37		61 4+	30 30	49 4-	46 4-	55 40	22 3-	33 30	36 3+	42	28-	24	300
6	33	18	21	29	25		28 30	23 3-	18 2+	25 3-	30 30	48 4-	8 1+	5 1-	23	19+	15	22-
7	29	11	15	26	20		9 1+	10 1+	26 3-	26 3-	14 20	15 20	19 2+	40 3+	20	18-	11	20-
8	81	54	50	86	68		26 3-	47 4-	46 4-	97 50	123 6-	93 50	76 5-	61 4+	71	35-	64	41+
9	10	8	11	7	9	C *	5 1-	10 1+	10 1+	17 2+	8 1+	8 1+	3 0+	10 1+	9	100	5	11-
10	38	26	38	26	32		35 3+	33 30	42 4-	53 40	34 3+	20 2+	18 2+	18 2+	32	24+	21	28+
11	46	39	34	51	43		16 20	26 3-	20 2+	70 4+	65 4+	55 40	39 3+	10 1+	38	24+	25	280
12	39	23	27	35	31		18 2+	21 3-	30 30	9 1+	24 3-	26 3-	16 20	26 3-	21	19+	15	23+
13	18	13	14	17	16		12 2-	21 3-	21 3-	25 3-	29 30	12 2-	15 20	18 2+	19	19-	10	19-
14	60	25	24	62	43		32 30	15 20	39 3+	22 3-	41 4-	45 4-	55 40	61 4+	39	27-	29	310
15	50	24	35	40	37		71 5-	23 3-	20 2+	25 3-	33 30	29 30	43 4-	16 20	33	240	23	27+
16	11	6	9	8	8	C *	15 20	7 10	8 1+	8 1+	6 10	4 1-	5 1-	13 2-	8	10-	5	9+
17	16	7	8	15	11	CC *	7 10	2 0+	6 10	7 10	13 2-	15 20	10 1+	13 2-	9	100	6	120
18	24	18	7	35	21		8 1+	1 00	5 1-	14 20	12 2-	22 3-	34 3+	30 30	16	15-	10	16+
19	20	7	17	11	14		19 2+	21 3-	4 1-	3 0+	3 0+	11 2-	9 1+	7 10	10	10+	6	120
20	14	6	11	9	10	CC	17 2+	10 1+	14 20	18 2+	15 20	4 1-	3 0+	5 1-	11	12-	6	13+
21	12	8	7	14	10	C	4 1-	4 1-	4 1-	6 10	7 10	8 1+	11 2-	29 30	9	100	6	11+
22	28	16	25	19	22		43 4-	14 20	18 2+	34 3+	20 2+	11 2-	21 3-	9 1+	21	19+	11	19+
23	45	29	17	57	37		20 2+	45 4-	20 2+	7 10	64 4+	30 30	65 4+	46 4-	37	25-	27	29-
24	30	20	40	10	25		70 4+	38 3+	52 40	14 20	7 10	5 1-	6 10	15 20	26	18+	15	20+
25	11	7	7	11	9	C *	9 1+	6 10	4 1-	3 0+	4 1-	5 1-	9 1+	22 3-	8	9-	6	10-
26	57	62	49	70	59		34 3+	41 4-	66 4+	72 5-	71 5-	43 4-	81 5-	75 5-	60	34-	40	36-
27	38	20	25	33	29		48 4-	24 3-	23 3-	24 3-	30 30	19 2+	22 3-	35 3+	28	230	18	26-
28	21	17	22	16	19		27 30	29 30	12 2-	14 20	10 1+	12 2-	22 3-	25 3-	19	180	10	18-
29	19	14	25	8	16	K	47 4-	20 2+	27 30	9 1+	9 1+	8 1+	4 1-	10 1+	17	150	8	14+
30	11	9	5	14	10	CC *	5 1-	2 0+	1 00	11 2-	5 1-	7 10	19 2+	10 1+	8	80	4	9-

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



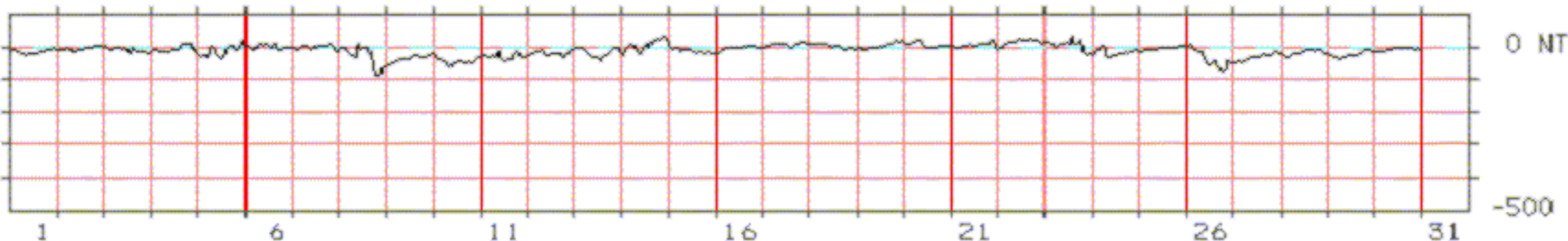
ROT DAY IN SOLAR ROTATION INTERVAL Three-hour indices aa (logscale) JUN-AUG 2000



HOURLY EQUATORIAL DST VALUES (PROVISIONAL) - June 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	-14	-11	-9	-14	-14	-19	-20	-21	-24	-20	-18	-18	-19	-18	-15	-12	-14	-12	-9	-6	-6	-4	-6	-8
2	-7	-10	-10	-7	-4	-6	-11	-13	-15	-12	-7	-7	-9	-6	-3	0	0	0	1	1	2	1	1	0
3	2	-2	-6	-10	-5	-5	-4	-5	-10	-2	-7	-11	-19	-11	-5	-9	-13	-16	-13	-15	-14	-16	-17	-15
4	-11	-10	-11	-13	-12	-14	-16	-16	-16	-11	-9	-9	-9	-7	-4	8	8	8	11	7	-6	-4	-8	-21
5	-25	-29	-27	-27	-30	-20	5	-4	-7	-26	-32	-35	-31	-17	-2	3	2	1	-8	-11	-3	10	20	3
6	4	-4	-9	-5	-11	-5	-3	8	9	2	6	1	-5	-1	6	8	-6	-11	-8	-5	-4	-3	-4	-4
7	-4	-9	-7	-4	1	3	3	-1	-8	-5	0	1	0	4	4	1	3	4	7	7	4	-3	-13	-14
8	-3	-1	-4	-12	-19	-26	-25	-30	-30	6	-11	-2	-4	-5	-20	-13	-39	-76	-85	-87	-85	-79	-60	-57
9	-55	-55	-50	-45	-43	-40	-37	-38	-38	-36	-35	-35	-29	-26	-26	-27	-28	-28	-28	-28	-26	-25	-22	-17
10	-24	-32	-35	-35	-41	-40	-48	-56	-55	-56	-50	-46	-43	-44	-47	-49	-46	-44	-46	-45	-40	-35	-30	-26
11	-26	-27	-30	-32	-32	-27	-28	-27	-20	-15	-35	-41	-40	-36	-36	-34	-35	-21	-12	-22	-30	-33	-30	-27
12	-23	-21	-17	-12	-15	-13	-10	-14	-26	-25	-24	-20	-19	-19	-19	-18	-22	-28	-29	-21	-17	-18	-8	-6
13	-3	0	-2	-1	-7	-16	-19	-25	-29	-28	-33	-34	-39	-30	-27	-24	-20	-14	-6	-4	-3	-3	-8	-18
14	-25	-15	-5	2	7	3	2	-6	-20	-19	-8	1	8	-2	14	9	20	27	18	27	28	29	24	13
15	-4	-9	-4	-2	-6	-12	-9	-11	-7	-6	-7	-7	-14	-17	-15	-15	-13	-21	-19	-13	-15	-22	-22	-20
16	-18	-16	-11	-6	-3	-5	-5	-4	-2	-5	-5	-1	-3	-2	1	0	2	3	3	1	-2	-3	-4	-3
17	0	2	3	4	7	9	9	8	7	6	7	6	4	0	3	6	7	11	15	15	15	14	10	9
18	9	7	8	9	11	11	11	9	7	4	-1	1	4	5	3	-5	-8	-9	-6	-1	-5	-8	-9	-5
19	-1	-3	-7	-9	-7	-6	-4	-4	-4	-2	0	1	0	1	5	6	9	10	14	20	15	14	17	13
20	7	8	10	13	16	21	22	20	14	7	2	-2	-2	-3	-4	-4	-1	1	1	2	2	2	4	1
21	1	-1	-2	-2	-1	2	4	3	6	5	5	5	5	8	10	8	8	9	10	10	17	19	7	-6
22	-4	-2	-3	7	12	12	12	13	14	20	26	19	21	18	22	23	20	18	22	21	14	11	13	13
23	15	15	10	7	11	0	2	6	10	10	13	11	8	31	11	11	15	19	4	-19	-26	-21	-21	-24
24	-21	-9	-6	-11	3	-4	-26	-32	-33	-31	-27	-27	-26	-21	-17	-17	-16	-18	-15	-16	-12	-10	-11	-14
25	-13	-11	-9	-10	-9	-10	-9	-7	-6	-5	-5	-3	-2	-1	-2	-2	-1	-1	-2	-2	1	4	1	-3
26	1	10	4	-7	-9	-13	-15	-14	-30	-43	-53	-55	-45	-43	-44	-57	-66	-74	-69	-66	-43	-44	-49	-45
27	-50	-46	-41	-48	-44	-44	-38	-36	-32	-33	-33	-32	-32	-25	-22	-23	-24	-23	-23	-17	-12	-14	-20	-21
28	-26	-31	-30	-31	-30	-25	-22	-21	-19	-17	-15	-12	-10	-9	-10	-9	-11	-12	-9	-10	-15	-22	-21	-21
29	-23	-23	-28	-32	-36	-38	-33	-30	-28	-26	-23	-24	-27	-26	-24	-21	-18	-15	-9	-8	-8	-10	-13	-14
30	-12	-12	-13	-13	-12	-11	-10	-9	-7	-3	-3	-1	0	0	-1	-4	-4	-2	-3	-5	-6	-5	-6	-6

DST
PROVISIONAL
2000
JUN



WDC-C2 KYOTO