



Bureau des Publications SIIG - Bulletin Mensuel n° 97-08 - Août 1997
ISGI Publications Office Monthly Bulletin n° 97-08 - AUGUST 1997

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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).

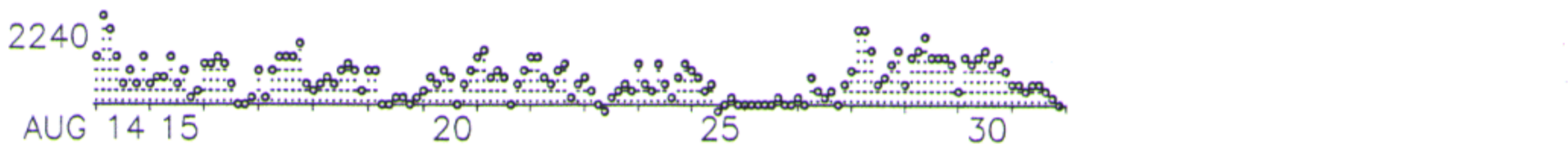
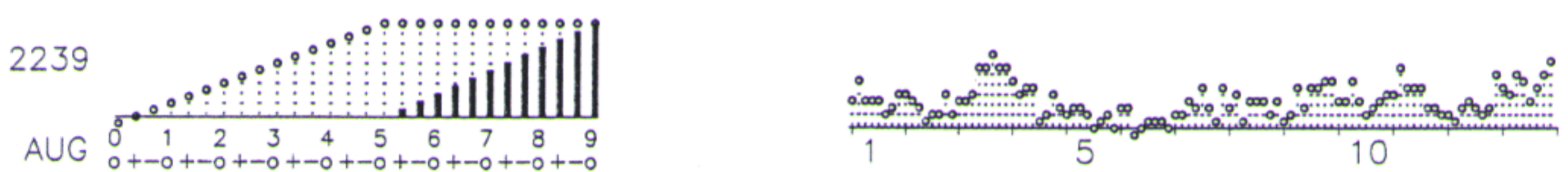
Special thanks are due to contributors (quoted below) for providing the here published geomagnetic data within shortly possible delay.

PRELIMINARY REPORT ON RAPID VARIATIONS		AUGUST 1997
SSC - Storm Sudden Commencements		SFE - Solar Flare Effects
03 10 42	B : HRB SPT C : WNG NGK BDV CLF EBR	26 0053-0100 MMB
REPORTING OBSERVATORIES (up to th 3rd of October 1997) :		
DOB NUR WNG NGK BDV CLF HRB NAG GCK MMB EBR COI SPT FRD KAK HTY KNY QUE LNP HYB ETT HER CNB		

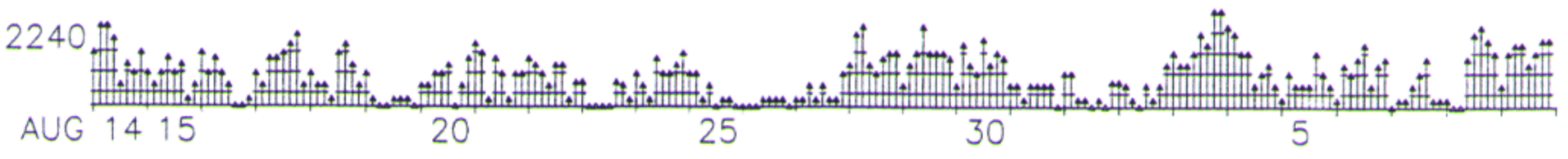
	FIVE INTERNATIONAL QUIETEST DAYS					FIVE INTERNATIONAL MOST DISTURBED DAYS				
August 1997	26	6	5	19	23	3	28*	14*	29*	13*

Aout 1997		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	11	10	11	10	11	CC	13 2-	24 3-	11 2-	13 2-	11 2-	6 1o	9 1+	15 2o	13	14-	6	13-
2	11	8	7	12	9	CK	14 2o	11 2-	8 1+	4 1-	6 1o	7 1o	16 2o	7 1o	9	11-	4	9o
3	37	30	19	49	34		13 2-	12 2-	14 2o	38 3+	37 3+	58 4o	38 3+	38 3+	31	23-	21	24+
4	15	11	17	9	13	C	24 3-	16 2o	19 2+	19 2+	4 1-	6 1o	15 2o	8 1+	14	14+	6	13-
5	6	6	7	5	6	CC*	7 1o	10 1+	10 1+	7 1o	3 0+	5 1-	7 1o	3 0+	7	7o	3	6o
6	7	4	5	5	5	CC*	9 1+	9 1+	1 0o	2 0+	4 1-	4 1-	4 1-	3 0+	5	5+	3	5o
7	13	8	8	13	11	CC	6 1o	7 1o	11 2-	8 1+	19 2+	10 1+	5 1-	19 2+	11	12-	5	10+
8	12	9	10	11	10	CC	9 1+	14 2o	5 1-	11 2-	11 2-	12 2-	7 1o	11 2-	10	12-	5	10o
9	20	14	9	25	17		4 1-	6 1o	18 2+	10 1+	19 2+	18 2+	21 3-	26 3-	15	15+	8	14+
10	14	12	15	11	13	C	12 2-	13 2-	23 3-	11 2-	7 1o	10 1+	12 2-	14 2o	13	14-	6	11+
11	16	18	20	14	17	K	15 2o	37 3+	17 2+	20 2+	19 2+	9 1+	8 1+	6 1o	16	16o	7	14o
12	12	9	8	14	11	CC	7 1o	4 1-	8 1+	12 2-	8 1+	7 1o	10 1+	27 3o	10	11+	6	10+
13	28	17	16	30	23		20 2+	14 2o	29 3o	24 3-	11 2-	19 2+	29 3o	42 4-	24	21-	11	20o
14	29	30	45	15	30		26 3-	76 5-	60 4o	24 3-	8 1+	14 2o	10 1+	23 3-	30	21+	16	21+
15	10	13	13	10	12	C	10 1+	12 2-	13 2-	22 3-	9 1+	14 2o	4 1-	6 1o	11	12+	6	12o
16	10	12	17	4	11	CC	17 2+	17 2+	21 3-	17 2+	8 1+	3 0+	2 0+	4 1-	11	12+	5	10o
17	19	23	15	27	21		14 2o	4 1-	14 2o	23 3-	23 3-	26 3-	36 3+	8 1+	19	17+	9	16+
18	12	16	8	20	14		6 1o	8 1+	11 2-	10 1+	15 2o	20 2+	14 2o	7 1o	11	13-	6	12o
19	7	3	5	4	5	CK*	14 2o	16 2o	2 0+	3 0+	5 1-	5 1-	2 0+	5 1-	7	7o	3	5+
20	11	10	10	12	11	CK	7 1o	11 2-	10 1+	14 2o	12 2-	3 0+	9 1+	16 2o	10	11+	5	10+
21	20	11	21	10	15		21 3-	33 3o	11 2-	15 2o	11 2-	3 0+	9 1+	14 2o	15	15-	8	14o
22	16	10	14	12	13	CC	22 3-	22 3-	11 2-	8 1+	15 2o	17 2+	5 1-	10 1+	14	15-	6	13o
23	7	3	4	6	5	CC*	11 2-	6 1o	3 0+	1 0o	4 1-	6 1o	8 1+	6 1o	6	7o	3	5+
24	12	15	11	16	14	C	17 2+	9 1+	6 1o	18 2+	9 1+	5 1-	13 2-	20 2+	12	13o	6	12-
25	8	5	9	4	6	CC	15 2o	11 2-	6 1o	9 1+	1 0o	2 0+	5 1-	2 0+	6	7+	3	7-
26	4	3	3	4	4	CC*	3 0+	2 0+	2 0+	3 0+	3 0+	5 1-	3 0+	3 0+	3	3o	2	2+
27	7	7	6	8	7	CK	4 1-	3 0+	11 2-	6 1o	5 1-	6 1o	3 0+	8 1+	6	7o	3	6o
28	32	22	34	20	27		14 2o	54 4o	51 4o	32 3o	8 1+	13 2-	20 2+	32 3o	28	21+	16	23o
29	28	22	27	23	25		9 1+	23 3-	29 3o	48 4-	23 3-	26 3-	24 3-	18 2+	25	21o	13	22-
30	20	22	17	25	21		6 1o	26 3-	18 2+	22 3-	27 3o	20 2+	23 3-	15 2o	20	19-	10	19-
31	6	7	7	7	7	CK	8 1+	10 1+	6 1o	10 1+	8 1+	7 1o	5 1-	3 0+	7	8+	4	7o

ROT DAY IN SOLAR ROTATION INTERVAL Three-hour indices Km (provisional) AUG 1997



ROT DAY IN SOLAR ROTATION INTERVAL Three-hour indices aa (logscale) AUG-OCT 1997



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Dst monthly table of hourly indices - August 1997

HOURLY EQUATORIAL DST VALUES (PROVISIONAL)

AUGUST 1997

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	-11	-11	-13	-19	-20	-23	-21	-20	-20	-18	-17	-15	-17	-18	-17	-12	-10	-8	-11	-14	-13	-9	-12	-9
2	-7	-13	-17	-20	-22	-21	-18	-19	-17	-15	-15	-14	-13	-12	-12	-12	-13	-12	-8	-7	-5	-4	-6	-8
3	-6	-6	-7	-4	2	3	3	3	-2	-6	-4	6	9	24	16	-16	-40	-52	-56	-53	-53	-46	-35	-26
4	-24	-21	-17	-14	-11	-5	-3	-7	-2	-10	-12	-9	-8	-7	-7	-7	-5	0	0	-8	-12	-13	-16	-14
5	-12	-14	-11	-8	-6	-1	-2	-5	-8	-8	-7	-7	-8	-9	-7	-6	-7	-12	-12	-13	-7	-9	-10	-10
6	-11	-12	-14	-16	-17	-17	-14	-12	-11	-11	-12	-15	-15	-15	-14	-11	-9	-9	-7	-7	-7	-7	-6	-7
7	-5	-1	1	0	1	-1	-5	-3	2	7	5	4	5	-4	-4	-4	4	4	4	7	12	7	3	4
8	4	2	1	-3	-8	-5	-3	-2	-1	-2	-4	-6	-10	-16	-20	-17	-15	-11	-9	-6	-8	-8	-7	-7
9	-6	-7	-9	-7	-5	-3	2	4	2	1	8	10	-1	-10	-6	-6	-4	0	2	0	-5	-5	-5	-3
10	-4	-3	-6	-10	-13	-15	-16	-20	-18	-19	-19	-17	-13	-9	-9	-6	-10	-12	-15	-14	-12	-14	-11	-12
11	-10	-11	-11	-16	-18	-17	-16	-11	-9	-8	-12	-14	-14	-12	-10	-10	-12	-14	-15	-14	-15	-13	-12	-9
12	-9	-7	-3	-2	-3	-7	-10	-8	-8	-10	-8	-6	-7	-8	-6	-7	-8	-6	-7	-2	-1	2	-3	-1
13	-10	-9	-5	-5	-6	-10	-14	-11	-10	-15	-15	-9	-6	-9	-10	-10	-11	-11	-17	-19	-19	-12	-7	-3
14	-8	-15	-16	-14	-22	-36	-45	-47	-34	-34	-28	-25	-21	-21	-20	-22	-26	-28	-26	-24	-22	-21	-22	-22
15	-19	-17	-15	-18	-23	-25	-27	-25	-25	-23	-18	-15	-10	-8	-11	-17	-22	-19	-17	-16	-15	-13	-12	-12
16	-10	-13	-16	-13	-13	-14	-13	-14	-17	-19	-20	-17	-15	-14	-13	-12	-12	-12	-14	-14	-13	-13	-14	-12
17	-12	-17	-15	-12	-7	-5	-9	-15	-17	-20	-22	-22	-25	-29	-29	-32	-34	-29	-20	-17	-11	-10	-10	-13
18	-15	-18	-24	-21	-17	-17	-18	-21	-20	-18	-16	-13	-11	-8	-14	-22	-23	-23	-22	-20	-19	-18	-18	-17
19	-16	-16	-18	-16	-14	-12	-13	-14	-10	-9	-7	-5	-4	-4	-5	-3	-3	-3	-3	-3	-6	-8	-8	-9
20	-11	-11	-12	-9	-10	-6	-5	-11	-15	-17	-17	-15	-13	-14	-16	-15	-13	-10	-7	-3	-4	0	4	0
21	-4	-6	-4	-7	-13	-17	-15	-13	-12	-10	-12	-11	-12	-12	-13	-10	-9	-7	-4	-5	-5	-6	-10	-12
22	-11	-16	-23	-20	-19	-16	-12	-10	-9	-8	-7	-6	-6	-10	-15	-18	-19	-21	-21	-20	-23	-22	-19	-15
23	-12	-8	-7	-6	-8	-10	-10	-8	-6	-5	-3	-1	-2	-4	-9	-10	-9	-8	-5	-6	-7	-7	-7	-7
24	-9	-17	-21	-18	-10	-7	-7	-7	-12	-21	-25	-21	-15	-12	-3	-1	1	3	0	-2	-4	-4	-6	-7
25	-6	-8	-10	-9	-8	-13	-12	-8	-6	-4	-2	-2	-1	0	1	-1	-1	0	-1	1	0	1	1	1
26	-1	-1	-2	-2	-2	-2	-1	1	1	1	0	0	0	1	3	3	2	1	-1	-1	1	3	4	5
27	6	7	5	3	2	-2	-6	-5	-4	1	2	4	3	3	5	9	9	8	8	8	10	16	17	15
28	12	9	2	-13	-33	-47	-40	-42	-45	-37	-29	-21	-20	-20	-21	-21	-21	-22	-27	-31	-28	-26	-22	-20
29	-16	-15	-18	-22	-22	-17	-14	-22	-20	-19	-27	-16	-14	-21	-21	-21	-23	-25	-30	-30	-25	-23	-22	-20
30	-17	-18	-18	-19	-17	-25	-27	-23	-20	-21	-21	-18	-20	-24	-19	-18	-19	-17	-17	-17	-17	-16	-14	-14
31	-15	-15	-15	-18	-17	-18	-18	-15	-13	-8	-7	-6	-8	-8	-4	-3	-5	-5	-8	-10	-9	-8	-7	-8

