

FEDERATION DES SERVICES D'ANALYSE DE DONNEES ASTRONOMIQUES ET GEOPHYSIQUES
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 SERVICE INTERNATIONAL DES INDICES GEOMAGNETIQUES
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Explanations about published data are given in Special Issue 1994 of ISGI Monthly Bulletin.

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 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.

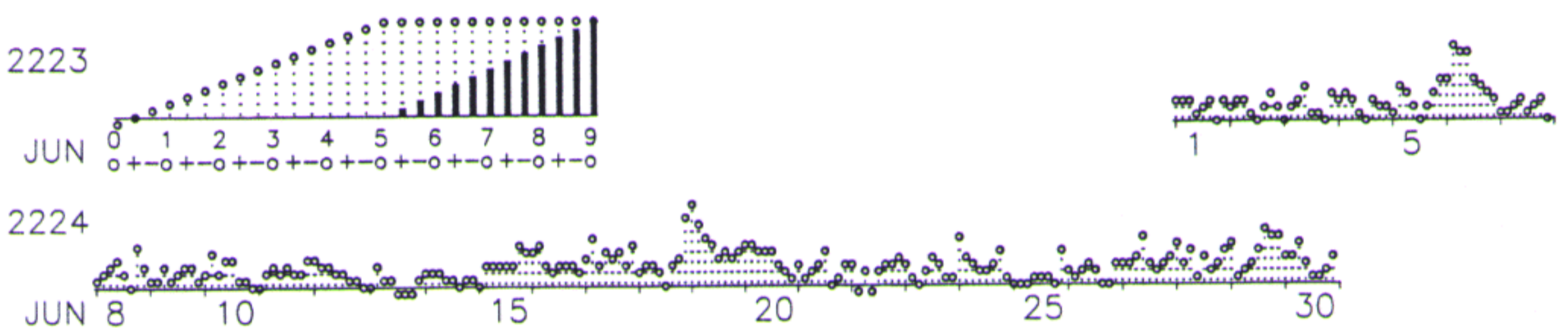
*This Bulletin is freely offered to interested Scientists thanks to a dotation from FAGS, and to the support of the hosting laboratory CETP and of French Organisations of Scientific Research (CNRS, INSU, BCMT).
 Special thanks are due to contributors (quoted below) for providing the here published geomagnetic data within shortly possible delay.*

PRELIMINARY REPORT ON RAPID VARIATIONS		JUNE 1996
SSC - Storm Sudden Commencements 19 02 45 A : HRB* COI* si : DOU SPT MPO	SFE - Solar Flare Effects 06 0227-0236 MPO (SSC: BDV HRB) 06 0806-0812 MPO 06 1409-1414 MPO 18 0632-0638 MPO 27 0629-0632 MPO (SSC: BDV) 29 1321-1324 MPO (SSC: WNG* BDV)	
REPORTING OBSERVATORIES (up to the 2nd of August 1996) : SOD DOB NUR WNG NGK DOU BDV CLF HRD NAG GCK MMB EBR COI SPT FRD KAK HTY KNY QUE LNP HYB ETT MPO HER CNB AMS CZT PAF DRV		

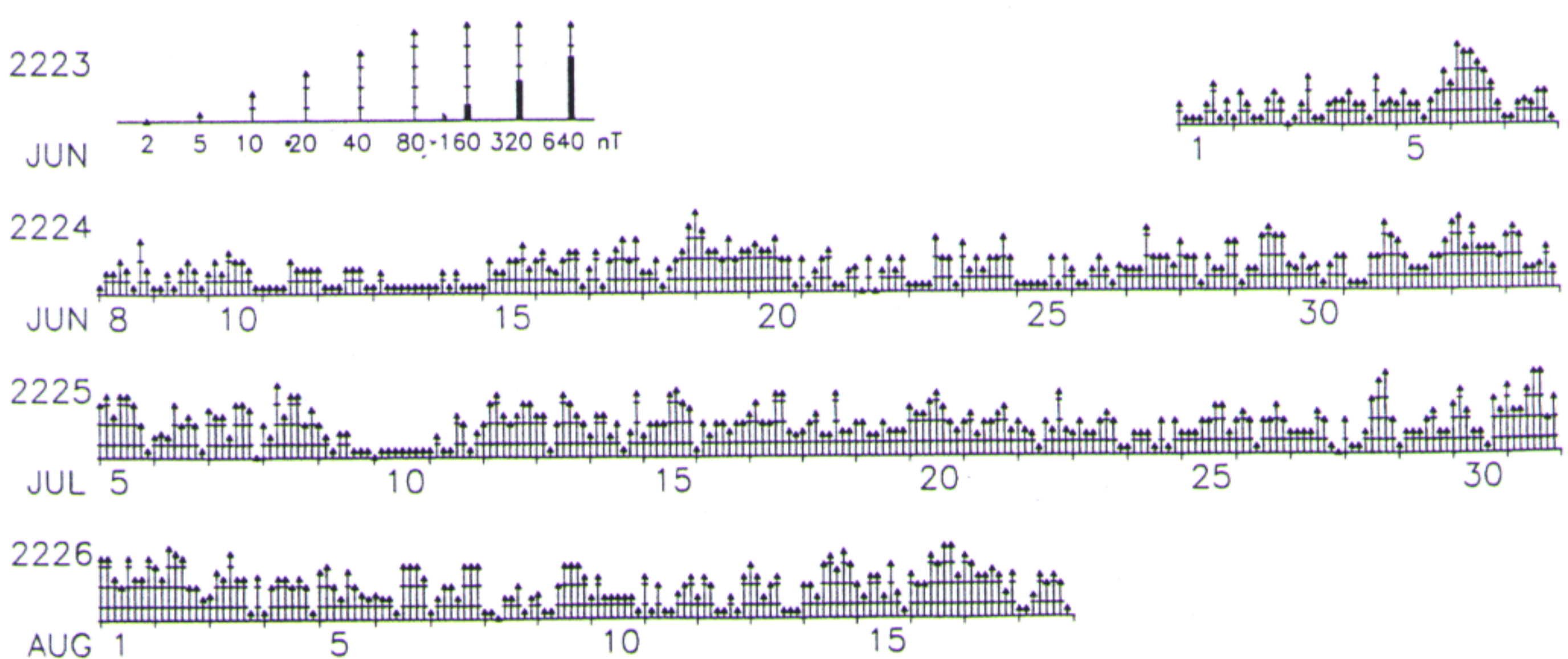
	FIVE INTERNATIONAL QUIETEST DAYS					FIVE INTERNATIONAL MOST DISTURBED DAYS				
June 1996	13	14	25	22	1	6*	19*	29*	17*	18*

JUNE 1996		Geomagnetic Indices (provisional)												Daily Average and Sum				
	aa					quiet days	am and Km for each three hour interval								Am Σ Km		Ap Σ Kp	
	N	S	am	pm	D		1	2	3	4	5	6	7	8				
1	10	6	6	10	8	CC*	8 1+	9 1+	8 1+	4 1-	7 1o	10 1+	2 0+	8 1+	7	9-	4	7+
2	12	5	8	9	8	CC	7 1o	10 1+	9 1+	5 1-	3 0+	6 1o	11 2-	6 1o	7	8+	4	8-
3	8	8	9	7	8	CC	2 0+	6 1o	8 1+	14 2o	5 1-	4 1-	2 0+	11 2-	7	8o	4	7+
4	14	6	9	11	10	CC	8 1+	12 2-	9 1+	5 1-	2 0+	8 1+	6 1o	7 1o	7	9-	4	9o
5	14	8	9	13	11	C	5 1-	14 2o	11 2-	6 1o	3 0+	6 1o	11 2-	19 2+	9	11-	6	12-
6	28	34	42	20	31		17 2+	56 4o	47 4-	41 4-	19 2+	16 2o	13 2-	10 1+	27	21o	14	22o
7	11	5	7	9	8	CK	5 1-	5 1-	6 1o	8 1+	4 1-	7 1o	8 1+	3 0+	6	7o	4	8+
8	13	7	8	12	10	CC	4 1-	7 1o	10 1+	13 2-	7 1o	3 0+	18 2+	9 1+	9	10-	4	9o
9	11	4	6	9	7	CC	4 1-	4 1-	8 1+	5 1-	7 1o	10 1+	9 1+	5 1-	7	7+	4	7+
10	13	8	11	10	10	CC	7 1o	14 2o	6 1o	12 2-	11 2-	5 1-	5 1-	3 0+	8	9o	4	9+
11	12	3	5	10	7	CC	2 0+	6 1o	8 1+	6 1o	9 1+	6 1o	7 1o	11 2-	7	9-	4	8o
12	11	3	6	8	7	CC	11 2-	8 1+	9 1+	6 1o	6 1o	5 1-	4 1-	2 0+	6	8o	4	8-
13	8	3	6	5	5	CC*	2 0+	10 1+	4 1-	4 1-	1 0o	1 0o	1 0o	4 1-	3	4-	2	4o
14	8	4	6	6	6	CC*	6 1o	6 1o	7 1o	5 1-	5 1-	2 0+	5 1-	5 1-	5	6o	3	6+
15	15	7	8	13	11	CC	2 0+	8 1+	8 1+	8 1+	9 1+	9 1+	17 2+	15 2o	10	11+	6	11+
16	14	10	11	12	12	CC	14 2o	20 2+	8 1+	6 1o	8 1+	10 1+	10 1+	6 1o	10	12-	5	10o
17	21	9	11	19	15	C	12 2-	23 3-	8 1+	16 2o	11 2-	16 2o	10 1+	17 2+	14	15o	7	14+
18	18	9	8	19	13	K	6 1o	8 1+	10 1+	7 1o	3 0+	9 1+	12 2-	44 4-	12	12-	7	12+
19	25	22	31	16	23		69 4+	40 3+	22 3-	20 2+	12 2-	15 2o	12 2-	16 2o	26	20o	12	20+
20	17	13	17	13	15		17 2+	18 2+	16 2o	16 2o	15 2o	10 1+	7 1o	5 1-	13	14-	6	13-
21	10	8	9	9	9	CC	8 1+	4 1-	7 1o	9 1+	16 2o	3 0+	4 1-	8 1+	7	9-	4	8+
22	9	7	6	10	8	CC*	10 1+	1 0o	7 1o	1 0o	7 1o	8 1+	9 1+	11 2-	7	8-	4	7o
23	13	6	5	13	9	CC	8 1+	4 1-	2 0+	6 1o	13 2-	10 1+	5 1-	4 1-	7	8-	4	8-
24	18	9	12	15	14	CC	21 3-	11 2-	10 1+	7 1o	6 1o	10 1+	16 2o	5 1-	11	12-	6	12o
25	10	4	5	9	7	CC*	3 0+	3 0+	2 0+	5 1-	5 1-	5 1-	2 0+	15 2o	5	5+	3	6-
26	10	5	7	9	8	CC	7 1o	4 1-	6 1o	8 1+	6 1o	3 0+	3 0+	8 1+	6	7o	4	8o
27	14	11	14	11	13	KC	8 1+	10 1+	13 2-	25 3-	9 1+	7 1o	9 1+	11 2-	12	12+	6	13-
28	16	8	12	12	12	CC	18 2+	10 1+	15 2o	4 1-	11 2-	6 1o	8 1+	16 2o	11	12+	6	12o
29	23	13	10	26	18		19 2+	5 1-	7 1o	9 1+	15 2o	28 3o	26 3-	23 3-	17	16-	9	16+
30	12	6	9	9	9	CK	12 2-	13 2-	19 2+	10 1+	5 1-	4 1-	7 1o	11 2-	10	11o	5	10-

ROT DAY IN SOLAR ROTATION INTERVAL Three-hour indices Km (provisional) JUN 1996



ROT DAY IN SOLAR ROTATION INTERVAL Three-hour indices aa (logscale) JUN-AUG 1996



WDC-C2 FOR GEOMAGNETISM, KYOTO UNIVERSITY

HOURLY EQUATORIAL DST VALUES (PROVISIONAL)

JUNE 1996

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	-6	-5	-7	-3	-1	0	2	3	2	3	5	7	10	8	2	2	4	4	4	3	3	0	-2	-3	
2	-1	1	5	6	10	10	10	11	9	8	13	16	18	17	18	16	16	16	11	5	-1	-4	-1	0	
3	1	2	-1	0	2	5	4	2	-1	-2	2	5	9	10	10	11	14	15	12	11	8	5	9	12	
4	14	13	9	3	3	5	9	12	12	11	11	11	12	10	9	5	7	11	12	14	13	12	11	10	
5	11	15	14	12	12	9	9	7	1	-2	-2	0	2	1	3	6	7	9	10	12	12	6	7	8	
6	10	11	13	15	8	-4	2	5	3	6	9	7	0	0	-1	-7	-8	-8	-8	-5	-4	-5	-1	3	
7	2	-2	-5	-5	-5	-3	-2	-3	-1	-2	-1	4	6	5	5	4	3	1	1	5	5	4	5	6	
8	5	1	-1	2	6	9	10	8	7	3	6	8	10	7	3	0	-1	-3	-5	-5	-6	-5	-3	0	
9	1	0	-2	-3	-1	1	4	7	8	7	6	8	9	14	15	11	10	8	4	4	7	6	6	9	
10	12	10	3	2	1	0	2	5	5	5	2	4	5	4	6	5	5	7	5	4	2	-1	-1	2	
11	6	8	7	4	7	9	12	16	15	15	14	17	20	18	18	14	13	12	8	7	11	10	9	9	
12	9	4	-1	1	3	5	7	6	6	6	7	12	14	12	11	9	9	8	3	1	2	2	3	5	
13	6	6	6	8	7	7	7	8	8	9	10	11	11	8	9	10	9	9	10	11	11	11	8	10	
14	11	13	15	12	8	6	5	3	3	4	4	5	4	1	2	4	4	2	2	0	2	5	9	11	
15	13	20	21	22	20	15	18	20	22	21	19	16	12	11	14	15	13	8	0	-3	-9	-10	-7	-2	
16	3	6	7	5	2	5	5	5	6	6	3	3	4	4	5	6	5	0	-2	-1	1	0	-2	-3	
17	-5	-6	-7	-8	-3	1	3	6	2	-1	1	3	4	5	2	0	2	0	-4	-6	-7	-9	-13	-8	
18	-3	0	-2	1	4	5	5	4	4	3	4	6	8	10	13	10	9	9	9	10	9	4	1	8	
19	10	11	12	-2	3	2	-2	-1	-6	-5	-6	-3	-2	-1	-5	-5	-4	-2	-2	1	-1	-5	-8	-7	
20	-6	-5	1	-1	7	14	20	17	10	12	7	7	9	4	5	7	7	6	3	4	1	-5	-7	-7	
21	-10	-5	-4	-2	0	0	2	8	10	8	7	9	14	19	18	13	13	12	12	11	10	8	9	6	
22	2	-1	-3	-2	0	2	2	3	3	3	3	5	8	13	12	13	9	10	10	13	14	16	18	18	
23	18	9	11	11	14	15	13	12	11	11	12	11	11	16	16	10	14	15	14	11	7	5	9	12	
24	12	10	2	1	4	4	2	0	-1	0	4	7	5	5	7	4	7	8	5	1	0	2	6	8	
25	7	5	3	3	5	8	10	11	11	11	11	8	6	8	10	11	11	12	14	13	11	7	7	8	
26	11	13	14	14	13	11	11	14	16	17	13	11	9	9	11	11	14	13	12	8	5	4	5	7	
27	8	11	9	10	11	11	16	18	20	15	15	11	6	5	7	8	6	4	2	2	7	6	6	6	
28	5	7	6	5	2	3	5	1	0	3	4	8	14	14	12	12	17	21	20	17	13	7	8	9	
29	7	4	3	1	4	5	6	8	11	12	14	13	15	11	7	-1	-9	-10	-6	-6	-6	-7	1	1	
30	3	8	7	2	-2	-4	-10	-11	-8	-8	-9	-7	-3	-3	-1	0	0	0	-2	-5	-5	-9	-6	-2	

