FEDERATION DES SERVICES D'ANALYSE DE DONNEES ASTRONOMIQUES ET GEOPHYSIQUES
FEDERATION OF ASTRONOMICAL AND GEOPHYSICAL DATA ANALYSIS SERVICES

SERVICE INTERNATIONAL DES INDICES GEOMAGNETIQUES
INTERNATIONAL SERVICE OF GEOMAGNETIC INDICES

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Bureau des Publications SIIG - Bulletin Mensuel n°98-06 - Juin 1998
ISGI Publications Office Monthly Bulletin n°98-06 - June 1998

CONTENTS

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

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PRELIMINARY REPORT ON RAPID VARIATIONS — *JUNE 1998*

SSC - Storm Sudden Commencements

05 09 41	B :	HRB
	C :	WNG NGK VAL BDV
10 13 29	B :	HRB TEN*
	C :	BJI QUE
	si :	EBR
13 19 25	A :	WNG* HRB NAG* COI SPT
	B :	NGK VAL BDV* EBR* BJI TEN
	C :	CLF GCK* LNP
25 16 36	A :	NUR* WNG* COI BJI SPT*
	B :	SOD* DOB* NGK VAL BDV* HRB* NAG* MMB* EBR KAK* HTY* KNY* QUE LNP
	C :	CLF* GCK TEN

SFE - Solar Flare Effects

02	1109-1135	WNG BDV CLF NAG EBR
03	1235-1309	TEN
13	0418-0440	MMB+ KAK+ KNY+
26	1028-1041	TEN
27	0245-0256	LNP

REPORTING OBSERVATORIES *(up to the 5th of August 1998) :*

SOD DOB NUR WNG NGK VAL BDV CLF HRB NAG GCK MMB EBR COI BJI SPT KAK HTY KNY QUE TEN LNP HER CNB

	FIVE INTERNATIONAL QUIETEST DAYS					FIVE INTERNATIONAL MOST DISTURBED DAYS				
June 1998	17	28	30	29	1	26	24*	7*	6*	10*

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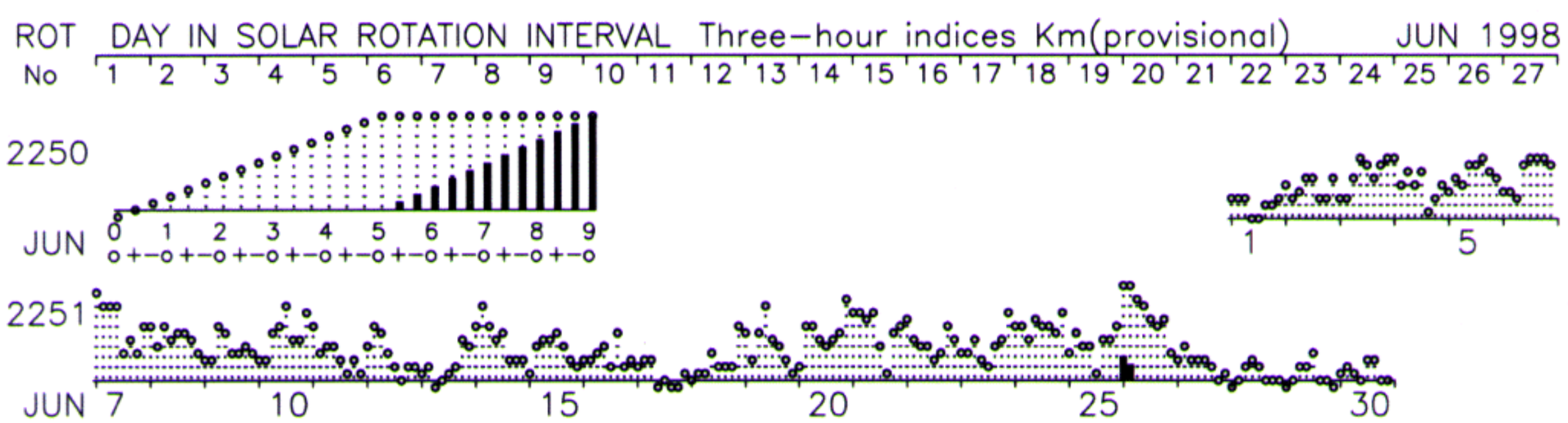
JUNE 1998	Geomagnetic Indices (provisional)																Daily Average and Sum			
	aa					quiet	am and *Km* for each three hour interval													
	N	S	am	pm	D	days	1	2	3	4	5	6	7	8	Am	Σ Km	Ap	Σ Kp
1	10	6	9	7	8	C C *	9 *1+*	8 *1+*	8 *1+*	2 *0+*	3 *0+*	6 *1o*	6 *1o*	8 *1+*	6	8o	4	8o
2	18	12	12	18	15	K	14 *2o*	8 *1+*	11 *2-*	20 *2+*	20 *2+*	9 *1+*	8 *1+*	19 *2+*	14	15-	7	14o
3	30	20	16	35	25		8 *1+*	8 *1+*	20 *2+*	34 *3+*	28 *3o*	19 *2+*	30 *3o*	35 *3+*	23	20o	14	21+
4	15	17	19	12	16		38 *3+*	15 *2o*	24 *3-*	16 *2o*	22 *3-*	5 *1-*	8 *1+*	14 *2o*	18	17-	7	14o
5	21	25	15	31	23		13 *2-*	19 *2+*	15 *2o*	29 *3o*	28 *3o*	38 *3+*	24 *3-*	17 *2+*	23	20+	12	20+
6	30	19	15	35	25		11 *2-*	11 *2-*	9 *1+*	28 *3o*	34 *3+*	38 *3+*	39 *3+*	30 *3o*	25	21-	15	23-
7	32	24	38	18	28		74 *5-*	51 *4o*	52 *4o*	57 *4o*	11 *2-*	17 *2+*	13 *2-*	29 *3o*	38	25+	14	23-
8	22	25	22	25	24		30 *3o*	14 *2o*	28 *3o*	19 *2+*	21 *3-*	22 *3-*	20 *2+*	11 *2-*	21	20-	10	18+
9	15	12	13	15	14		8 *1+*	8 *1+*	31 *3o*	23 *3-*	13 *2-*	13 *2-*	16 *2o*	11 *2-*	15	15+	8	15+
10	35	22	17	40	29		10 *1+*	9 *1+*	24 *3-*	31 *3o*	51 *4o*	18 *2+*	18 *2+*	47 *4-*	26	21-	15	22-
11	15	9	16	8	12	K	32 *3o*	11 *2-*	16 *2o*	15 *2o*	8 *1+*	5 *1-*	10 *1+*	4 *1-*	13	13-	6	10+
12	15	8	16	7	11	C C	14 *2o*	27 *3o*	23 *3-*	11 *2-*	7 *1o*	3 *0+*	7 *1o*	7 *1o*	12	13-	6	11+
13	11	6	5	13	9	C K	4 *1-*	7 *1o*	1 *0o*	3 *0+*	4 *1-*	6 *1o*	20 *2+*	16 *2o*	8	8o	5	9-
14	29	15	28	17	22		31 *3o*	59 *4o*	32 *3o*	18 *2+*	22 *3-*	10 *1+*	9 *1+*	8 *1+*	24	19o	12	20o
15	14	14	11	17	14		4 *1-*	16 *2o*	17 *2+*	20 *2+*	23 *3-*	14 *2o*	9 *1+*	6 *1o*	14	14+	7	13o
16	13	12	9	16	13	K K	9 *1+*	10 *1+*	13 *2-*	16 *2o*	7 *1o*	24 *3-*	7 *1o*	10 *1+*	12	12+	6	12-
17	6	4	6	4	5	C C *	7 *1o*	9 *1+*	8 *1+*	1 *0o*	3 *0+*	1 *0o*	0 *0o*	4 *1-*	4	5-	2	4o
18	11	6	6	11	9	C K	2 *0+*	5 *1-*	5 *1-*	13 *2-*	6 *1o*	7 *1o*	7 *1o*	27 *3o*	9	9+	5	9o
19	28	22	32	18	25		21 *3-*	9 *1+*	26 *3-*	54 *4o*	18 *2+*	14 *2o*	10 *1+*	5 *1-*	20	17o	11	19-
20	28	27	21	35	28		7 *1o*	31 *3o*	32 *3o*	20 *2+*	16 *2o*	19 *2+*	26 *3-*	61 *4+*	27	21-	14	20+
21	33	29	42	20	31		42 *4-*	42 *4-*	38 *3+*	47 *4-*	16 *2o*	5 *1-*	22 *3-*	28 *3o*	30	23-	14	23-
22	30	14	17	27	22		34 *3+*	18 *2+*	16 *2o*	14 *2o*	9 *1+*	13 *2-*	28 *3o*	20 *2+*	19	18o	10	18-
23	26	14	10	31	20		11 *2-*	13 *2-*	19 *2+*	8 *1+*	6 *1o*	16 *2o*	17 *2+*	47 *4-*	17	16o	10	16-
24	36	26	26	37	31		27 *3o*	28 *3o*	20 *2+*	39 *3+*	28 *3o*	31 *3o*	25 *3-*	43 *4-*	30	24o	16	24+
25	25	17	19	23	21		13 *2-*	26 *3-*	16 *2o*	16 *2o*	4 *1-*	20 *2+*	20 *2+*	28 *3o*	18	17-	9	17+
26	60	53	84	30	57		154 *6o*	141 *6-*	66 *4+*	54 *4o*	34 *3+*	27 *3o*	36 *3+*	12 *2-*	66	31+	42	34+
27	12	8	11	9	10	C K	10 *1+*	16 *2o*	8 *1+*	8 *1+*	9 *1+*	6 *1o*	3 *0+*	4 *1-*	8	9+	4	9+
28	6	5	4	6	5	C C *	1 *0o*	3 *0+*	6 *1o*	8 *1+*	7 *1o*	2 *0+*	2 *0+*	3 *0+*	4	5-	3	5o
29	9	4	4	8	6	C C *	1 *0o*	2 *0+*	6 *1o*	7 *1o*	11 *2-*	3 *0+*	2 *0+*	1 *0o*	4	5-	3	5+
30	7	6	4	10	7	C C *	5 *1-*	7 *1o*	4 *1-*	2 *0+*	10 *1+*	9 *1+*	3 *0+*	3 *0+*	5	6o	3	5+



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Dst monthly table of hourly indices - June 1998

HOURLY EQUATORIAL DST VALUES(PROVISIONAL)

JUNE 1998

UNIT=NT

DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	U.T. 24
1	-25	-24	-26	-24	-22	-22	-20	-17	-16	-15	-13	-12	-15	-12	-8	-6	-5	-3	-3	-3	-4	-8	-10	-11
2	-12	-14	-15	-13	-14	-14	-13	-11	-9	-3	1	-5	-14	-11	-6	-5	-1	-2	-5	-9	-10	-11	-16	-18
3	-19	-16	-14	-13	-17	-17	-19	-16	-8	0	5	-3	-5	-10	-5	-5	-3	-4	-9	-14	-19	-19	-30	-34
4	-35	-30	-29	-32	-35	-39	-38	-36	-34	-29	-28	-28	-27	-23	-22	-19	-16	-16	-19	-18	-21	-26	-29	-24
5	-25	-20	-19	-14	-16	-15	-17	-18	-13	-11	-13	-15	-13	-8	-9	-20	-20	-20	-25	-20	-19	-18	-20	-16
6	-12	-11	-8	-5	-10	-12	-10	-10	-7	-6	-6	-6	-2	-8	-10	-6	-10	-24	-34	-45	-51	-59	-54	-48
7	-48	-52	-55	-49	-45	-45	-59	-53	-48	-45	-42	-38	-38	-33	-31	-34	-35	-34	-33	-33	-32	-33	-35	-32
8	-36	-44	-43	-39	-37	-38	-40	-40	-39	-34	-32	-31	-38	-40	-39	-35	-31	-36	-45	-49	-46	-45	-41	-35
9	-35	-36	-37	-34	-31	-29	-23	-28	-29	-30	-27	-24	-24	-22	-20	-19	-19	-16	-19	-27	-26	-28	-29	-26
10	-27	-28	-26	-20	-18	-14	-12	-14	-15	-22	-19	-24	-28	-22	-22	-15	-8	-10	-16	-22	-17	-20	-23	-22
11	-31	-33	-28	-24	-25	-26	-25	-26	-24	-19	-21	-19	-16	-10	-6	-4	-3	-6	-9	-8	-8	-12	-18	-18
12	-17	-15	-10	-9	-17	-23	-29	-31	-28	-26	-24	-23	-26	-23	-19	-18	-18	-19	-21	-23	-24	-29	-31	-23
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23	-34	-32	-31	-29	-26	-22	-15	-18	-21	-17	-13	-11	-9	-10	-10	-10	-13	-14	-22	-23	-20	-23	-32	-40
24	-34	-27	-26	-26	-26	-26	-21	-20	-14	-10	-21	-16	-14	-17	-23	-29	-27	-23	-19	-21	-30	-33	-31	-30
25	-32	-32	-32	-31	-23	-19	-17	-5	1	0	3	6	7	6	8	6	11	18	17	8	0	-1	1	1
26	-19	-51	-72	-94	-111	-107	-89	-74	-62	-49	-36	-31	-30	-30	-25	-33	-42	-45	-41	-39	-50	-45	-43	-39
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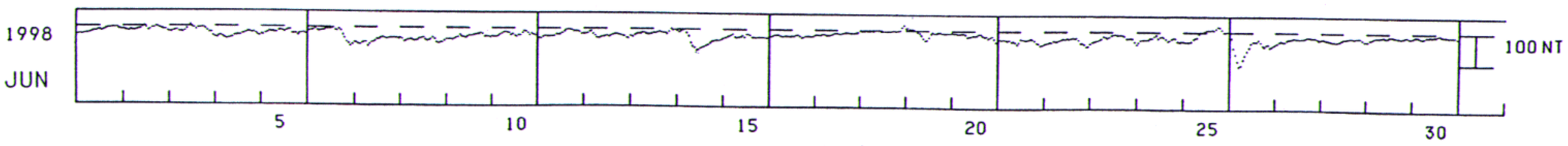

Note: The baselines for the observatories were adjusted for secular change for the Provisional Dst values for June 1998.