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

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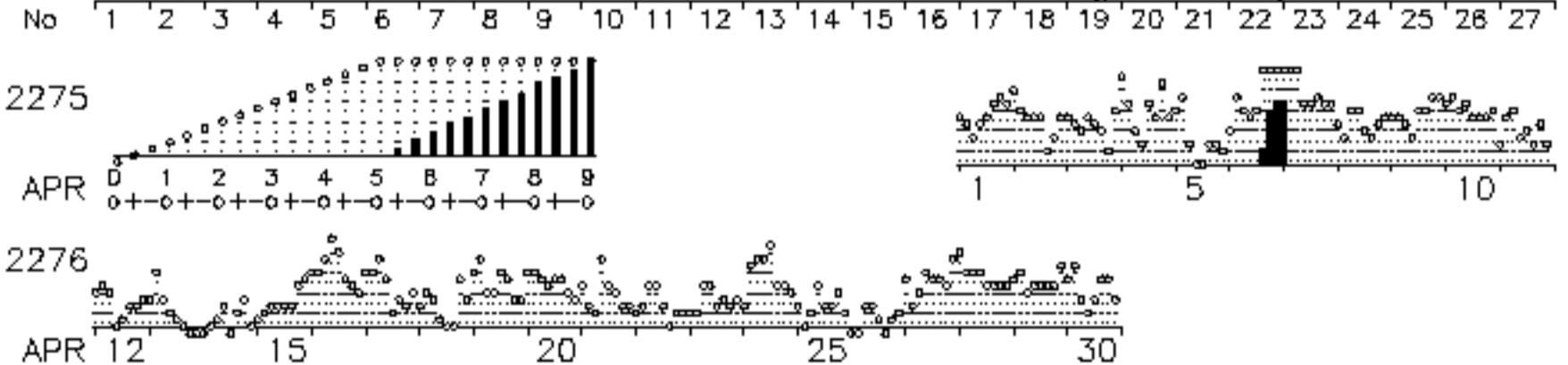
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<b>PRELIMINARY REPORT ON RAPID VARIATIONS</b>		<b>APRIL 1999</b>	
<b>SSC - Storm Sudden Commencements</b>		<b>SFE - Solar Flare Effects</b>	
06 16 39	A : NUR NGK VAL BDV* CLF* NAG* GCK MMB EBR COI BJI SPT KAK KNY QUE GUI LNP HYB GNA HER B : HER CNB	01 0735-0743	BDV+
		04 0812-0834	HYB
		06 0237-0245	MMB+
		08 0237-0250	KNY+
		09 0410-0435	MMB+ KAK+ KNY+
		12 0330-0350	MMB+ KAK+
		14 0812-0818	HYB
		21 2335-2355	MMB+ KAK+ KNY+
		26 0839-0855	MMB+ KAK+ KNY+
REPORTING OBSERVATORIES (up to 2nd of June 2000) :			
NUR NGK VAL BDV CLF HRB NAG GCK MMB EBR COI BJI SPT KAK KNY QUE GUI LNP HYB GNA HER CNB			
	<b>FIVE INTERNATIONAL QUIETEST DAYS</b>	<b>FIVE INTERNATIONAL MOST DISTURBED DAYS</b>	
<b>April 1999</b>	26    14    22    18    25	7	6    4    16    24

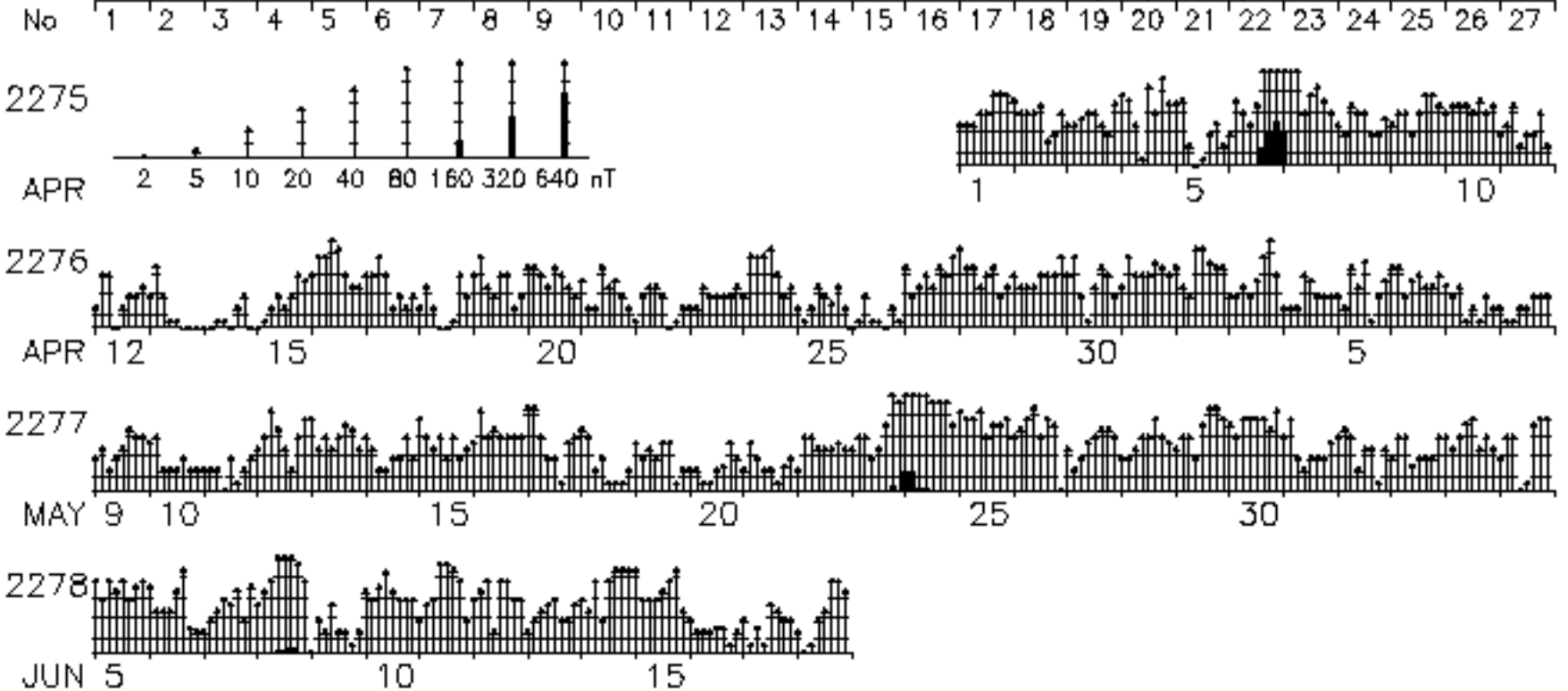
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APRIL 2000						Geomagnetic Indices (provisional)								Daily Average and Sum				
	aa				D	quiet days	am and Km for each three hour interval								Am ΣKm		Ap ΣKp	
	N	S	am	pm			1	2	3	4	5	6	7	8				
1	25	33	18	40	29		21 3-	20 2+	12 2-	18 2+	21 3-	38 3+	46 4-	37 3+	27	220	13	21+
2	31	16	27	19	23		55 40	30 30	25 3-	24 3-	26 3-	6 10	13 2-	22 3-	25	20+	15	230
3	20	20	19	21	20		22 3-	19 2+	14 20	22 3-	19 2+	16 20	7 10	28 30	18	180	9	17+
4	41	34	26	49	38		83 5-	36 3+	14 20	8 1+	38 3+	26 3-	61 4+	26 3-	37	24+	22	27-
5	24	7	20	11	15		33 30	45 4-	10 1+	3 0+	3 0+	8 1+	8 1+	7 10	15	12+	11	15+
6	127	108	22	213	117		15 20	45 4-	28 30	23 3-	27 30	124 6-	290 7+	351 5-	113	350	82	38-
7	90	79	128	41	85		353 5-	90 50	103 50	35 3+	34 3+	43 4-	35 3+	36 3+	91	35-	74	40+
8	19	19	21	17	19		20 2+	12 2-	30 30	30 30	14 20	12 2-	20 2+	25 3-	20	19-	10	19+
9	31	24	19	37	28		21 3-	21 3-	17 2+	13 2-	28 30	30 30	41 4-	41 4-	27	23-	14	230
10	33	26	30	29	30		34 3+	47 4-	30 30	38 3+	22 3-	21 3-	22 3-	32 30	31	24+	19	27-
11	17	14	17	14	16		8 1+	22 3-	30 30	13 2-	15 20	8 1+	19 2+	8 1+	15	16-	9	170
12	16	10	15	12	13	K	14 20	19 2+	16 20	2 0+	4 1-	8 1+	8 1+	12 2-	10	12-	7	13+
13	14	5	16	3	9	KK	12 2-	30 30	12 2-	6 10	5 1-	2 0+	0 00	0 00	8	8+	6	100
14	5	5	4	6	5	CC*	0 00	3 0+	4 1-	8 1+	1 00	6 10	11 2-	2 0+	4	5+	2	40
15	15	8	7	16	11	C	5 1-	7 10	9 1+	10 1+	8 1+	9 1+	19 2+	22 3-	11	120	6	120
16	41	37	49	29	39		29 30	33 30	42 4-	76 5-	55 40	21 3-	18 2+	15 20	36	25+	22	28-
17	23	16	29	10	20		27 30	28 30	44 4-	24 3-	7 10	11 2-	8 1+	16 20	21	18+	12	190
18	11	8	9	11	10	CK*	9 1+	15 20	12 2-	4 1-	2 0+	3 0+	22 3-	12 2-	10	11-	6	11-
19	23	18	24	17	21		27 30	42 4-	14 20	15 20	27 30	26 3-	12 2-	12 2-	22	20-	12	20-
20	26	21	26	21	24		27 30	31 30	22 3-	18 2+	26 3-	21 3-	16 20	12 2-	22	200	13	22-
21	19	12	17	14	16		17 2+	10 1+	6 10	43 4-	17 2+	15 20	9 1+	9 1+	16	15+	10	17-
22	10	9	12	7	10	CC*	6 10	9 1+	20 2+	18 2+	10 1+	3 0+	6 10	6 10	10	11-	5	110
23	13	11	11	13	12	C	6 10	6 10	20 2+	19 2+	9 1+	11 2-	9 1+	13 2-	12	13-	6	13-
24	31	34	37	28	33		10 1+	40 3+	42 4-	41 4-	64 4+	19 2+	17 2+	14 20	31	230	21	26-
25	11	9	9	11	10	C*	9 1+	2 0+	7 10	18 2+	9 1+	8 1+	16 20	6 10	9	11-	5	11+
26	6	6	6	5	6	CK*	1 00	1 00	8 1+	8 1+	5 1-	1 00	4 1-	6 10	4	50	2	4-
27	27	23	21	29	25		25 3-	9 1+	15 20	30 30	21 3-	24 3-	19 2+	42 4-	23	20+	13	21+
28	27	29	35	21	28		56 40	28 30	32 30	28 30	18 2+	18 2+	17 2+	19 2+	27	22+	14	220
29	29	18	18	29	24		21 3-	30 30	15 20	19 2+	18 2+	18 2+	19 2+	40 3+	23	20+	12	21+
30	25	18	22	21	21		26 3-	38 3+	11 2-	6 10	11 2-	25 3-	23 3-	13 2-	19	17+	12	19-

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



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



HOURLY EQUATORIAL DST VALUES (PROVISIONAL) - April 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	-31	-31	-27	-21	-18	-20	-14	-8	-6	-3	6	4	-6	-11	-9	-7	-11	-19	-36	-38	-31	-29	-29	-40
2	-43	-45	-49	-54	-47	-46	-44	-46	-46	-46	-41	-40	-53	-50	-46	-45	-43	-38	-32	-29	-31	-31	-23	-27
3	-35	-37	-34	-32	-32	-31	-29	-30	-29	-30	-34	-29	-32	-29	-25	-21	-25	-21	-16	-13	-16	-16	-8	-3
4	-10	-27	-35	-43	-42	-32	-29	-30	-26	-23	-21	-23	-23	-37	-50	-50	-52	-56	-55	-46	-47	-51	-46	-47
5	-50	-55	-53	-52	-44	-49	-41	-37	-35	-31	-27	-29	-28	-27	-29	-26	-24	-24	-17	-9	-8	-10	-13	-14
6	-14	-19	-20	-25	-23	-25	-30	-31	-38	-25	-11	-7	-16	-18	-27	-32	-12	-24	-71	-129	-191	-246	-293	-291
7	-321	-288	-255	-220	-227	-206	-201	-194	-164	-169	-164	-159	-153	-146	-135	-133	-125	-131	-120	-108	-100	-94	-93	-86
8	-83	-82	-79	-74	-73	-70	-72	-76	-73	-66	-64	-63	-69	-68	-64	-57	-54	-53	-47	-40	-36	-33	-33	-30
9	-32	-34	-33	-35	-31	-32	-30	-27	-24	-22	-20	-30	-37	-34	-29	-34	-36	-41	-33	-32	-33	-36	-41	-37
10	-43	-57	-59	-59	-63	-64	-57	-55	-59	-52	-47	-52	-50	-48	-51	-51	-46	-42	-33	-30	-29	-35	-36	-34
11	-29	-29	-33	-28	-29	-30	-25	-25	-28	-29	-27	-26	-27	-30	-34	-32	-37	-37	-31	-24	-21	-20	-20	-20
12	-23	-30	-31	-28	-27	-25	-18	-12	-9	-9	-9	-9	-8	-6	-7	-8	-9	-8	0	6	6	0	4	0
13	-6	-16	-23	-17	-21	-22	-20	-22	-20	-14	-8	-8	-12	-11	-10	-7	-6	-7	-5	0	-1	0	2	0
14	-1	-3	-4	-3	-1	0	-2	-1	2	3	1	1	2	2	2	0	1	3	4	5	12	12	13	10
15	8	11	12	13	13	12	10	9	7	5	6	6	4	8	8	8	9	10	11	6	-2	-6	-8	-17
16	-24	-33	-43	-45	-47	-51	-41	-29	-40	-61	-80	-80	-47	-52	-67	-58	-49	-42	-36	-27	-26	-24	-17	-16
17	-17	-17	-18	-11	-8	-18	-14	-22	-28	-18	-16	-16	-19	-21	-22	-23	-25	-25	-24	-18	-19	-20	-21	-20
18	-16	-14	-13	-11	-12	-10	-7	-5	-7	-3	1	2	2	3	4	3	4	4	5	4	2	-2	-4	-2
19	-5	-3	5	0	-7	-8	-3	3	-1	6	8	1	-5	-6	-12	-10	-4	-3	-4	-5	-6	-5	-4	-3
20	-5	-16	-17	-16	-18	-13	-14	-12	-11	-5	-3	-7	-11	-6	-5	-3	-5	-9	-9	-1	-4	-7	-9	-9
21	-5	-6	-7	-6	-4	-4	0	3	6	5	-9	-8	-1	1	1	0	-1	2	5	7	5	6	7	7
22	7	6	6	9	10	8	5	2	0	0	4	7	5	3	4	5	5	8	6	5	2	3	4	4
23	4	5	8	13	13	13	15	13	3	5	6	5	1	-1	-4	-4	1	3	5	13	13	13	12	10
24	10	7	7	11	21	6	-7	-14	-14	-2	1	-18	-31	-57	-65	-50	-46	-46	-45	-41	-42	-41	-40	-41
25	-38	-33	-31	-28	-28	-29	-28	-26	-23	-20	-21	-21	-19	-17	-15	-15	-16	-18	-18	-16	-12	-13	-12	-10
26	-10	-11	-10	-6	-4	-4	-3	-2	0	-3	-3	-3	-1	0	0	0	1	2	4	6	5	5	4	6
27	12	19	18	10	15	16	18	13	18	8	-1	-5	-13	-17	-27	-30	-25	-15	-7	2	-7	-7	-10	-12
28	-15	-17	-21	-22	-23	-24	-22	-19	-22	-24	-24	-22	-20	-19	-16	-18	-22	-20	-22	-20	-18	-16	-17	-18
29	-15	-8	-6	-8	-9	-8	-9	-7	-9	-7	-3	-6	-11	-6	-6	-10	-4	-1	-2	-5	-8	-8	-11	-18
30	-19	-14	-15	-24	-19	-18	-17	-13	-9	-8	-6	-4	-6	-7	-9	-13	-15	-14	-16	-12	-16	-19	-10	-7

DST  
PROVISIONAL  
2000  
APR

WDC-C2 KYOTO

