

SERVICE INTERNATIONAL DES INDICES GEOMAGNETIQUES
 INTERNATIONAL SERVICE OF GEOMAGNETIC INDICES



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CONTENTS

Rapid Variations	- provisional determination of ssc and sfe	January 2004
Classification of days	- five international quietest days and most disturbed days	January 2004
aa	- hemispheric N, S, daily values and planetary half day and daily values	January 2004
Quiet periods	- musical diagram of aa (latest values) - truly magnetically very quiet (C) and quiet (K) periods of 24 and 48 hours, and 5 international quietest days (*)	January up to 13 March 2005 January 2004
am, Km	- three hour indices values musical diagram of Km	January 2004
Am, ΣKm	- daily values	January 2004
Ap, ΣKp	- daily values	January 2004
Dst	- monthly tables of hourly indices	January 2004
Musical diagram of km	- monthly tables of hourly indices	November 2004
Musical diagram of aa	- annual graph	January to December 2004
	- annual graph	January to December 2004

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

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PRELIMINARY REPORT ON RAPID VARIATIONS

JANUARY 2005

SSC - Storm Sudden Commencements		SFE - Solar Flare Effects	
07 09 22	B: LER* ESK* HAD* GUI C: NUR* BDV MMB SPT KAK KNY	01 0025-0120	MMB KAK KNY GNA CNB
09 10 41	C: NGK* CLF* HRB si: LER ESK VAL HAD	09 1041-1120	SPT GUI
17 07 48	B: HYB C: MMB KAK KNY	10 0452-0509	HYB
21 17 11	A: LER* ESK* NGK* HAD* BDV* CLF* HRB MMB EBR COI SPT* KAK KNY HYB B: NAG* GCK GUI*	11 2039-2056	GUI

REPORTING OBSERVATORIES (up to 02/03/2005) :

SOD NUR LER ESK NGK VAL HAD BDV CLF HRB NAG GCK MMB EBR COI SPT KAK KNY GUI HYB GNA CNB

	FIVE INTERNATIONAL QUIETEST DAYS					FIVE INTERNATIONAL MOST DISTURBED DAYS				
January 2005	26	27	25	9K	6	18	17	21	19	2

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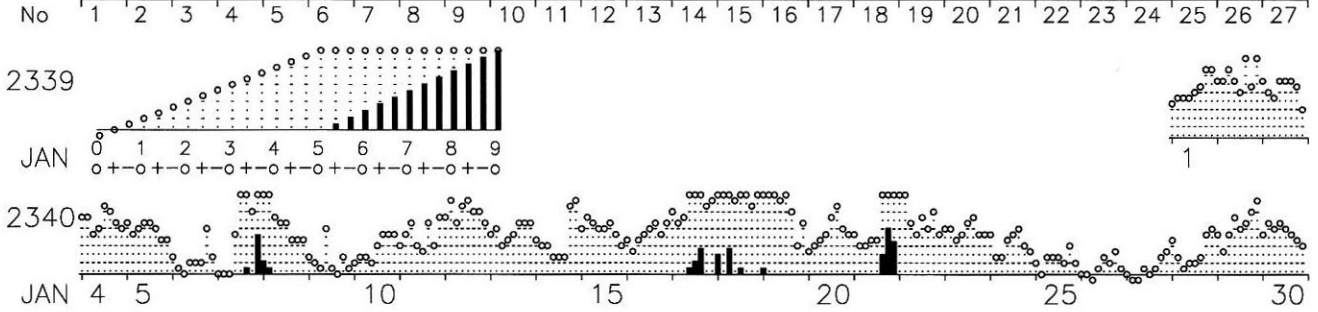
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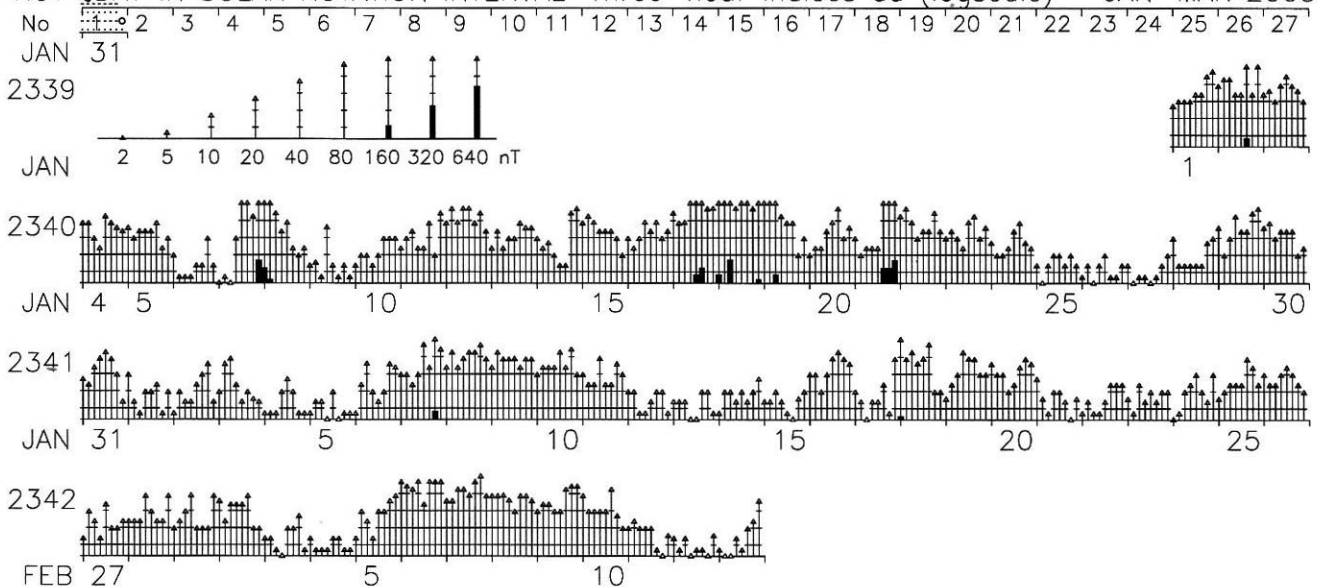
Web : <http://www.cetp.ipsl.fr/~isgi/homepag1.htm>

JANUARY 2005						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	Am	Σ Km	Ap	Σ Kp
1	39	37	23	53	38		18 2+	24 3-	23 3-	24 3-	28 3o	34 3+	64 4+	69 4+	36	25+	18	25o
2	68	57	49	76	62		47 4-	41 4-	61 4+	46 4-	31 3o	101 5o	36 3+	89 5o	57	32-	37	35+
3	40	39	35	43	39		46 4-	33 3o	24 3-	46 4-	50 4-	48 4-	37 3+	16 2o	38	26-	19	27-
4	44	32	33	43	38		43 4-	41 4-	22 3-	27 3o	67 4+	56 4o	34 3+	28 3o	40	28-	26	31-
5	36	24	31	29	30		38 3+	26 3-	32 3o	37 3+	37 3+	33 3o	17 2+	17 2+	30	23+	17	25+
6	10	9	7	12	9	C *	9 1+	5 1-	3 0+	6 1o	7 1o	7 1o	27 3o	9 1+	9	10-	4	8+
7	70	61	8	123	65		2 0+	3 0+	2 0+	21 3-	90 5o	109 5+	57 4o	263 7o	68	25o	40	24o
8	46	73	97	23	60		146 6-	108 5+	45 4-	35 3+	34 3+	18 2+	19 2+	19 2+	53	28+	36	30o
9	6	15	15	7	11	K K *	10 1+	7 1o	5 1-	33 3o	5 1-	2 0+	8 1+	4 1-	9	9o	4	7+
10	15	16	10	21	16		6 1o	8 1+	9 1+	7 1o	14 2o	22 3-	22 3-	24 3-	14	15-	6	12+
11	34	23	22	35	29		14 2o	25 3-	34 3+	15 2o	12 2-	40 3+	16 2o	48 4-	26	21-	14	22-
12	62	57	63	56	60		47 4-	77 5-	40 3+	70 4+	83 5-	51 4o	59 4o	36 3+	58	32o	32	34o
13	34	24	22	36	29		22 3-	28 3o	16 2o	18 2+	24 3-	36 3+	38 3+	37 3+	27	23-	15	23+
14	39	20	18	41	29		18 2+	16 2o	14 2o	8 1+	10 1+	10 1+	63 4+	72 5-	26	19+	16	21o
15	35	35	46	25	35		33 3o	41 4-	39 3+	27 3o	31 3o	37 3+	22 3-	16 2o	31	24o	18	26-
16	28	33	28	34	31		19 2+	12 2-	19 2+	26 3-	31 3o	40 3+	25 3-	38 3+	26	21+	16	25-
17	99	83	65	117	91		56 4o	34 3+	45 4-	116 5+	125 6-	174 6+	68 4+	73 5-	86	37+	58	42-
18	121	115	137	100	118		171 6o	89 5o	177 6+	82 5-	105 5+	91 5o	70 4+	98 5o	110	42-	84	47+
19	74	57	100	32	66		120 5+	88 5o	93 5o	82 5-	93 5o	53 4o	16 2o	36 3+	73	34+	60	40+
20	38	28	19	47	33		13 2-	14 2o	18 2+	23 3-	41 4-	68 4+	27 3o	25 3-	29	22+	17	24o
21	88	75	17	146	82		25 3-	14 2o	15 2o	17 2+	19 2+	165 6o	325 7+	203 7-	98	31+	66	35-
22	50	43	52	41	47		87 5o	97 5o	37 3+	23 3-	42 4-	29 3o	51 4o	26 3-	49	29+	33	32o
23	34	31	24	42	33		33 3o	32 3o	20 2+	24 3-	38 3+	45 4-	23 3-	26 3-	30	23+	19	27-
24	26	17	15	28	22		21 3-	9 1+	8 1+	18 2+	24 3-	33 3o	16 2o	12 2-	18	17o	10	18o
25	8	9	8	10	9	CK *	6 1o	3 0+	8 1+	10 1+	9 1+	7 1o	15 2o	7 1o	8	9+	4	8-
26	7	6	6	8	7	CC *	3 0+	2 0+	1 0o	5 1-	8 1+	6 1o	11 2-	5 1-	5	6o	3	4+
27	4	8	5	7	6	CC *	3 0+	1 0o	1 0o	4 1-	2 0+	4 1-	9 1+	12 2-	5	5o	2	4o
28	15	12	12	15	14	K	20 2+	8 1+	5 1-	6 1o	6 1o	10 1+	23 3-	28 3o	13	13+	6	12o
29	51	35	33	53	43		25 3-	13 2-	24 3-	45 4-	29 3o	34 3+	58 4o	71 5-	37	26-	20	27o
30	32	25	35	23	29		24 3-	34 3+	27 3o	35 3+	30 3o	24 3-	18 2+	14 2o	26	22+	17	24+
31	33	29	29	34	31		24 3-	17 2+	29 3o	39 3+	71 5-	46 4-	28 3o	7 1o	33	24-	19	25o

ROT DAY IN SOLAR ROTATION INTERVAL Three-hour indices Km(provisional) JAN 2005



ROT DAY IN SOLAR ROTATION INTERVAL Three-hour indices aa (logscale) JAN-MAR 2005

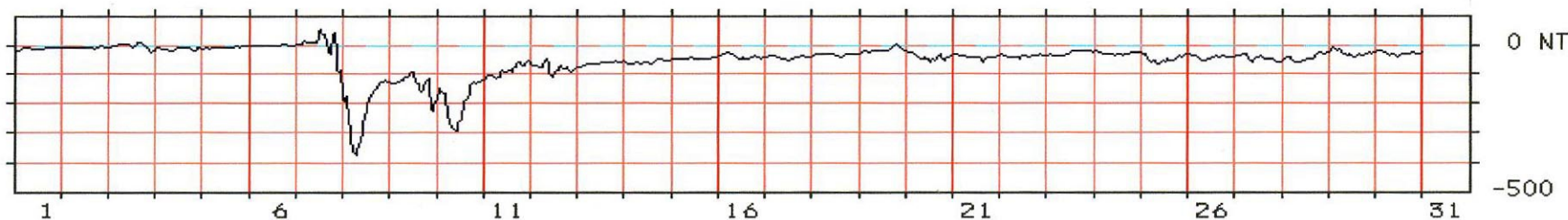


HOURLY EQUATORIAL DST VALUES (PROVISIONAL) - November 2004 -

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	24
1	-24	-20	-17	-15	-10	-9	-11	-11	-13	-15	-14	-16	-14	-15	-12	-10	-9	-9	-8	-7	-7	-8	-9	-9
2	-10	-11	-10	-10	-10	-11	-10	-9	-8	-9	-10	-9	-9	-7	-8	-11	-13	-11	-7	-4	-5	-6	-8	-7
3	-6	-4	-2	-2	1	3	5	3	4	2	-3	-6	-5	1	6	9	11	2	-3	-6	-14	-23	-22	-18
4	-11	-9	-12	-14	-12	-15	-18	-20	-18	-13	-11	-8	-6	-8	-10	-6	-6	-16	-19	-17	-12	-10	-8	-12
5	-15	-11	-11	-12	-10	-9	-10	-10	-10	-8	-8	-8	-9	-10	-9	-6	-5	-5	-6	-5	-5	-4	-3	-3
6	-3	-1	-1	-3	-3	-3	-2	-2	-3	-2	-2	-2	0	-1	-1	0	1	2	1	-5	-5	-3	-1	2
7	2	2	1	12	7	8	10	10	10	11	20	46	51	37	34	21	-8	-29	6	42	3	-90	-88	-128
8	-192	-173	-218	-275	-340	-370	-373	-345	-331	-309	-253	-230	-193	-176	-165	-151	-145	-136	-130	-125	-124	-120	-123	-126
9	-130	-130	-129	-124	-126	-121	-121	-110	-111	-102	-92	-90	-113	-130	-133	-156	-155	-130	-119	-115	-183	-223	-199	-187
10	-164	-146	-158	-162	-165	-209	-252	-274	-286	-289	-289	-257	-255	-221	-188	-182	-172	-133	-123	-131	-127	-125	-121	-119
11	-115	-105	-102	-103	-107	-113	-110	-106	-95	-84	-91	-90	-84	-86	-90	-75	-75	-58	-58	-71	-69	-56	-53	-56
12	-68	-69	-68	-73	-73	-74	-61	-45	-61	-104	-109	-97	-88	-84	-72	-70	-79	-78	-74	-86	-89	-86	-81	-77
13	-75	-74	-71	-70	-66	-65	-65	-65	-66	-64	-64	-61	-60	-59	-57	-57	-56	-56	-55	-56	-60	-60	-58	-54
14	-58	-66	-65	-65	-63	-60	-58	-64	-64	-60	-61	-61	-62	-62	-57	-53	-50	-47	-49	-53	-52	-52	-51	-50
15	-50	-48	-48	-46	-47	-48	-45	-45	-45	-43	-43	-46	-49	-50	-48	-46	-45	-45	-46	-45	-44	-41	-39	-37
16	-35	-31	-30	-27	-27	-28	-28	-34	-41	-47	-45	-45	-44	-46	-47	-45	-42	-39	-38	-43	-42	-46	-44	-41
17	-40	-36	-37	-38	-38	-40	-40	-48	-47	-49	-53	-54	-49	-47	-44	-41	-40	-38	-36	-38	-40	-41	-40	-39
18	-37	-33	-32	-33	-33	-33	-32	-32	-31	-31	-31	-35	-38	-40	-39	-34	-32	-30	-31	-32	-33	-33	-31	-28
19	-25	-22	-19	-22	-25	-25	-22	-20	-21	-20	-21	-20	-21	-21	-18	-13	-9	-4	1	-4	-11	-15	-18	-21
20	-27	-25	-26	-30	-35	-39	-45	-50	-46	-42	-47	-50	-59	-50	-52	-49	-37	-29	-50	-52	-44	-42	-38	-32
21	-29	-30	-36	-37	-37	-37	-40	-40	-39	-39	-42	-44	-43	-45	-60	-50	-48	-44	-41	-42	-41	-39	-38	-34
22	-30	-34	-36	-39	-41	-44	-41	-43	-43	-45	-38	-37	-37	-39	-39	-38	-38	-37	-34	-33	-35	-37	-37	-37
23	-34	-32	-34	-38	-38	-37	-38	-38	-36	-31	-28	-23	-19	-19	-18	-19	-20	-21	-18	-21	-19	-21	-23	-20
24	-20	-24	-24	-28	-29	-29	-30	-30	-30	-31	-36	-31	-30	-32	-34	-33	-31	-29	-26	-26	-27	-27	-27	-27
25	-28	-33	-43	-55	-59	-52	-55	-63	-63	-57	-54	-57	-53	-49	-52	-54	-51	-46	-40	-38	-39	-38	-33	-30
26	-33	-35	-36	-37	-39	-46	-51	-52	-51	-49	-47	-44	-40	-38	-39	-39	-37	-37	-41	-40	-42	-43	-41	-39
27	-38	-34	-34	-31	-29	-33	-43	-55	-56	-48	-40	-39	-38	-41	-45	-46	-49	-47	-50	-54	-57	-59	-58	-53
28	-48	-39	-41	-43	-43	-52	-60	-61	-58	-56	-55	-53	-49	-48	-47	-45	-39	-31	-24	-26	-30	-29	-27	-26
29	-17	-11	-13	-17	-16	-20	-30	-31	-34	-33	-35	-37	-43	-39	-35	-32	-35	-37	-29	-28	-26	-28	-24	-25
30	-22	-22	-21	-23	-24	-28	-34	-31	-33	-35	-39	-35	-33	-33	-32	-29	-29	-29	-27	-26	-31	-32	-30	-23

DST
PROVISIONAL
2004
NOV
NOG-02 KYOTO



PLANETARY GEOMAGNETIC ACTIVITY – MUSICAL DIAGRAM OF aa 2004

ROT DAY IN SOLAR ROTATION INTERVAL Three-hour indices aa (logscale) JAN–DEC 2004
 No 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27

