

SERVICE INTERNATIONAL DES INDICES GEOMAGNETIQUES
 INTERNATIONAL SERVICE OF GEOMAGNETIC INDICES



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

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PRELIMINARY REPORT ON RAPID VARIATIONS

AUGUST 2002

SSC - Storm Sudden Commencements

01 05 10	A: ETT* B: NUR* MMB* EBR* KAK* KNY* HYB HER C: SOD NGK* VAL BDV* NAG* GCK* SPT* -: COI
01 23 09	A: VAL* NAG* B: NGK* HRB* EBR* C: CLF LIV* -: COI
18 18 46	A: NUR NGK* VAL* HRB NAG* SPT* HYB ETT HER B: BDV* CLF* MMB* EBR KAK* KNY* GNA* CNB* LIV* C: GCK -: COI
26 11 31	B: SOD* VAL* LIV* C: NGK* BDV* GCK EBR SPT

SFE - Solar Flare Effects

18	0959-1022	ETT
21	0531-0545	MMB+ KAK+ KNY+ HYB
24	0054-0610	MMB+ KAK+ KNY+ GNA+ CNB+
30	1327-1406	NGK

REPORTING OBSERVATORIES (up to 03/10/2002) :

SOD NUR NGK VAL BDV CLF HRB NAG GCK MMB EBR COI SPT KAK KNY HYB ETT GNA HER CNB LIV

FIVE INTERNATIONAL QUIETEST DAYS

FIVE INTERNATIONAL MOST DISTURBED DAYS

August 2002

6 24 7 5 25

2 21 19 20 1

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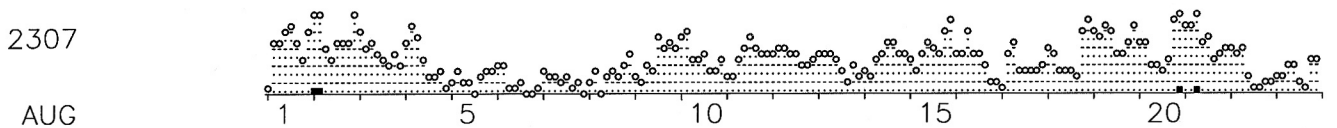
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AUGUST 2002					Geomagnetic Indices (provisional)										Daily Average and Sum			
aa					quiet	am and Km for each three hour interval												
N	S	am	pm	D	days	1	2	3	4	5	6	7	8	Am	Σ Km	Ap	Σ Kp	
1	41	34	29	47	38		5 1-	40 3+	38 3+	53 4o	66 4+	38 3+	18 2+	55 4o	39	25+	25	28+
2	57	51	56	52	54		105 5+	113 5+	33 3o	18 2+	34 3+	37 3+	36 3+	95 5o	59	31o	42	36-
3	29	24	36	17	26		57 4o	28 3o	38 3+	26 3-	18 2+	15 2o	21 3-	16 2o	27	22o	14	22o
4	25	14	25	14	20		36 3+	62 4+	47 4-	19 2+	8 1+	10 1+	13 2-	4 1-	25	19-	13	20-
5	11	8	9	10	9	CC*	7 1o	13 2-	6 1o	7 1o	3 0+	9 1+	11 2-	12 2-	9	10+	4	9+
6	9	4	8	5	6	CC*	15 2o	15 2o	5 1-	5 1-	7 1o	2 0+	3 0+	4 1-	7	8-	4	7+
7	11	9	10	10	10	CC*	13 2-	10 1+	9 1+	7 1o	8 1+	4 1-	6 1o	3 0+	8	9-	4	9o
8	16	8	6	18	12	CC	6 1o	13 2-	3 0+	8 1+	11 2-	9 1+	15 2o	21 3-	11	12o	6	12+
9	28	22	10	40	25		9 1+	6 1o	16 2o	13 2-	46 4-	29 3o	40 3+	30 3o	24	19o	14	21-
10	34	16	26	24	25		44 4-	60 4o	19 2+	19 2+	23 3-	13 2-	11 2-	17 2+	26	21-	15	23-
11	26	22	10	38	24		8 1+	10 1+	18 2+	30 3o	43 4-	33 3o	24 3-	24 3-	24	20o	13	20o
12	28	23	26	25	26		22 3-	27 3o	27 3o	26 3-	25 3-	15 2o	14 2o	20 2+	22	20+	12	21-
13	19	15	21	13	17		25 3-	24 3-	22 3-	18 2+	11 2-	7 1o	16 2o	10 1+	17	16+	8	16o
14	27	20	9	38	24		11 2-	10 1+	19 2+	24 3-	38 3+	37 3+	21 3-	26 3-	23	20o	12	20+
15	35	34	17	52	35		19 2+	11 2-	24 3-	35 3+	30 3o	26 3-	60 4o	72 5-	35	24+	22	26o
16	19	20	26	13	20		26 3-	21 3-	59 4o	22 3-	23 3-	16 2o	7 1o	6 1o	23	19-	11	18+
17	15	15	16	14	15		4 1-	25 3-	38 3+	13 2-	12 2-	11 2-	13 2-	14 2o	16	15+	8	16-
18	39	24	16	47	32		29 3o	21 3-	12 2-	12 2-	13 2-	10 1+	55 4o	79 5-	29	21-	21	23o
19	45	32	40	37	38		55 4o	44 4-	64 4+	53 4o	25 3-	21 3-	40 3+	68 4+	46	29o	30	32+
20	49	18	15	52	34		36 3+	39 3+	16 2o	15 2o	12 2-	18 2+	75 5-	106 5+	40	25-	30	27+
21	52	34	54	32	43		68 4+	67 4+	105 5+	40 3+	43 4-	18 2+	23 3-	27 3o	49	29o	32	32-
22	17	12	20	9	14		29 3o	25 3-	32 3o	8 1+	5 1-	5 1-	7 1o	7 1o	15	13+	8	14+
23	12	11	10	13	12	CC	8 1+	10 1+	14 2o	15 2o	7 1o	5 1-	19 2+	19 2+	12	13o	7	13+
24	9	8	11	6	9	CC*	19 2+	6 1o	7 1o	7 1o	6 1o	4 1-	5 1-	5 1-	7	8+	4	9-
25	13	7	9	11	10	CC*	7 1o	6 1o	14 2o	9 1+	7 1o	3 0+	2 0+	18 2+	8	9+	5	10+
26	32	33	20	46	33		12 2-	19 2+	16 2o	35 3+	29 3o	71 5-	31 3o	31 3o	31	23o	16	24-
27	29	19	21	27	24		25 3-	45 4-	22 3-	22 3-	25 3-	21 3-	14 2o	34 3+	26	22+	13	22o
28	13	13	12	14	13	C	16 2o	14 2o	14 2o	11 2-	11 2-	11 2-	19 2+	16 2o	14	15+	7	15-
29	18	15	12	21	17		24 3-	5 1-	8 1+	9 1+	22 3-	26 3-	12 2-	10 1+	15	14+	8	15o
30	17	17	14	20	17		7 1o	19 2+	37 3+	15 2o	26 3-	17 2+	14 2o	3 0+	17	16o	8	15+
31	18	18	15	21	18		6 1o	9 1+	13 2-	30 3o	20 2+	11 2-	11 2-	36 3+	17	16o	7	14+

ROT DAY IN SOLAR ROTATION INTERVAL Three-hour indices Km (provisional) AUG 2002
 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



ROT DAY IN SOLAR ROTATION INTERVAL Three-hour indices aa (logscale) AUG-OCT 2002
 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

