

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 2003**

**SSC - Storm Sudden Commencements**

**SFE - Solar Flare Effects**

17 14 21 A: SOD\* NUR\* NGK\* VAL\* DOU\* NAG\* EBR\*  
 SPT\* GUI\* CNB\*  
 B: BDV\* HRB\*  
 C: GCK\*  
 -: GNA\*

15 1413-1428 GUI  
 16 0946-0957 BDV

REPORTING OBSERVATORIES (up to 03/10/2003) :

SOD NUR NGK VAL DOU BDV CLF HRB NAG GCK EBR SPT GUI GNA CNB

	FIVE INTERNATIONAL QUIETEST DAYS					FIVE INTERNATIONAL MOST DISTURBED DAYS				
<b>August 2003</b>	31	5A	16A	27A	4A	18	21	22	1	23

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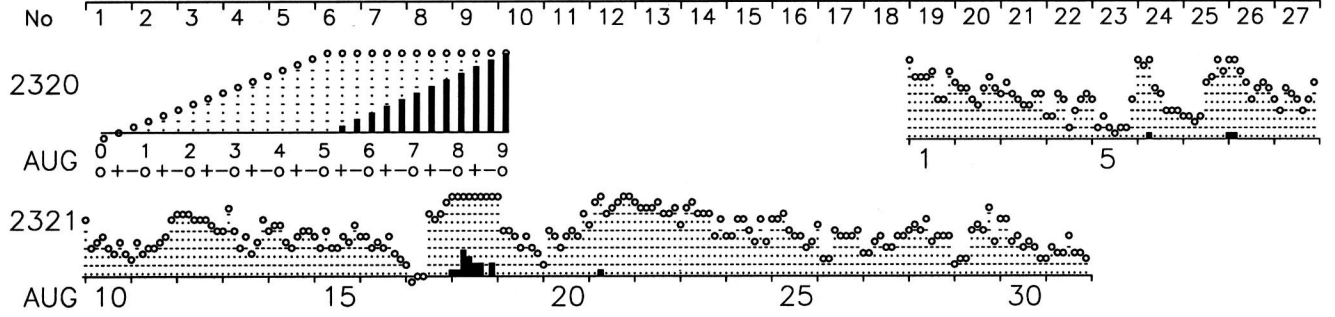
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AUGUST 2003						Geomagnetic Indices (provisional)								Daily Average and Sum				
	aa				D	quiet days	am and Km for each three hour interval								Daily Average and Sum			
	N	S	am	pm			1	2	3	4	5	6	7	8	Am	Σ Km	Ap	Σ Kp
1	64	57	63	58	61		98 5o	56 4o	60 4o	53 4o	65 4+	24 3-	26 3-	64 4+	56	31o	39	36o
2	46	30	33	43	38		49 4-	36 3+	35 3+	26 3-	20 2+	36 3+	56 4o	40 3+	37	26o	21	28o
3	34	20	26	29	27		30 3o	43 4-	32 3o	25 3-	18 2+	17 2+	28 3o	32 3o	28	23o	14	22+
4	23	18	18	23	21	*	11 2-	13 2-	30 3o	22 3-	6 1o	14 2o	25 3-	28 3o	19	18-	10	17+
5	16	9	13	12	12	C *	24 3-	6 1o	11 2-	6 1o	5 1-	7 1o	7 1o	26 3-	12	12-	7	13-
6	56	37	65	27	46		101 5o	83 5-	110 5+	39 3+	32 3o	14 2o	14 2o	16 2o	51	27+	32	30+
7	57	47	13	91	52		11 2-	12 2-	10 1+	12 2-	44 4-	52 4o	103 5o	70 4+	39	23+	32	27o
8	52	53	65	40	52		114 5+	105 5+	66 4+	50 4-	24 3-	40 3+	43 4-	37 3+	60	32-	33	34o
9	29	28	26	31	28		21 3-	16 2o	38 3+	31 3o	22 3-	16 2o	26 3-	45 4-	27	22o	14	23-
10	23	19	22	20	21		45 4-	14 2o	17 2+	25 3-	14 2o	13 2-	17 2+	11 2-	20	18+	9	17+
11	24	11	12	23	18		10 1+	17 2+	11 2-	14 2o	15 2o	20 2+	25 3-	41 4-	19	18o	10	18o
12	48	42	46	45	45		53 4o	51 4o	58 4o	42 4-	43 4-	41 4-	35 3+	28 3o	44	29+	26	31o
13	32	24	27	29	28		30 3o	61 4+	28 3o	14 2o	21 3-	12 2-	20 2+	49 4-	29	23-	15	23-
14	31	27	35	23	29		32 3o	38 3+	38 3+	20 2+	14 2o	21 3-	29 3o	29 3o	28	23-	14	23o
15	32	14	17	30	23		23 3-	15 2o	30 3o	15 2o	16 2o	25 3-	19 2+	35 3+	22	20o	11	20+
16	17	14	16	15	16	*	23 3-	21 3-	14 2o	19 2+	16 2o	21 3-	12 2-	8 1+	17	17+	8	16+
17	48	32	4	75	40		6 1o	1 0o	2 0+	3 0+	52 4o	42 4-	51 4o	85 5-	30	18o	20	20o
18	95	124	114	105	110		104 5+	110 5+	184 6+	161 6o	122 6-	131 6-	101 5o	123 6-	130	45o	108	52+
19	30	18	27	21	24		87 5o	32 3o	31 3o	23 3-	16 2o	23 3-	14 2o	13 2-	30	22o	19	24+
20	34	19	14	38	26		7 1o	27 3o	25 3-	16 2o	22 3-	30 3o	22 3-	52 4o	25	21o	17	23-
21	79	76	64	91	78		39 3+	73 5-	115 5+	56 4o	69 4+	77 5-	95 5o	97 5o	78	36+	58	42+
22	76	64	67	74	70		74 5-	63 4+	64 4+	69 4+	73 5-	57 4o	60 4o	62 4+	65	35-	46	39+
23	62	55	68	49	59		40 3+	64 4+	76 5-	55 4o	58 4o	54 4o	26 3-	41 4-	52	31-	36	35o
24	34	31	35	31	33		24 3-	26 3-	48 4-	41 4-	32 3o	18 2+	43 4-	19 2+	31	24o	20	27-
25	43	31	49	25	37		42 4-	49 4-	56 4o	33 3o	25 3-	25 3-	14 2o	19 2+	33	24o	20	27-
26	23	25	22	27	24		38 3+	8 1+	8 1+	28 3o	21 3-	25 3-	21 3-	29 3o	22	20o	11	18+
27	19	18	14	23	19	*	11 2-	12 2-	19 2+	26 3-	15 2o	14 2o	25 3-	26 3-	19	18-	8	18-
28	33	24	29	28	29		33 3o	40 3+	30 3o	41 4-	20 2+	24 3-	26 3-	23 3-	30	23+	18	26+
29	33	23	14	41	28		6 1o	10 1+	8 1+	31 3o	36 3+	29 3o	64 4+	20 2+	26	20-	16	21o
30	28	17	29	17	23		41 4-	49 4-	18 2+	24 3-	14 2o	18 2+	15 2o	10 1+	24	20o	14	21+
31	12	15	12	15	14	C *	8 1+	15 2o	12 2-	13 2-	22 3-	12 2-	11 2-	8 1+	13	14o	6	13+

ROT DAY IN SOLAR ROTATION INTERVAL Three-hour indices Km(provisional) AUG 2003



ROT DAY IN SOLAR ROTATION INTERVAL Three-hour indices aa (logscale) AUG-OCT 2003

