

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 2006

SSC - Storm Sudden Commencements		SFE - Solar Flare Effects	
07 00 35	A: GUI* HYB B: DOU* EBR SPT C: NGK BDV CLF MMB KAK KNY	16 1410-1418	NGK+ BDV
17 07 20	A: GUI GNA CNB B: LER* ESK* HAD* C: NGK* DOU BDV* CLF* HRB Si: VAL	18 1640-1655	GUI
18 16 41	B: SPT* C: DOU BDV* HRB Si: LER ESK HAD	21 1635-1657	GUI
19 11 31	B: LER* ESK* NGK* HAD* DOU* NAG* SPT* C: BDV* CLF*		
31 07 09	B: LER* ESK* HAD* C: NGK* DOU BDV* CLF* Si: VAL		

REPORTING OBSERVATORIES (up to 03/10/2006) :

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

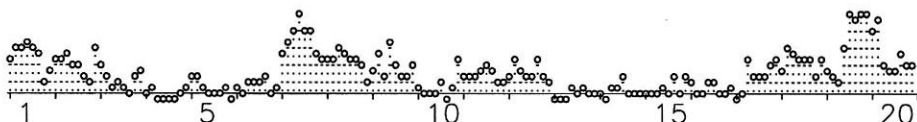
	FIVE INTERNATIONAL QUIETEST DAYS					FIVE INTERNATIONAL MOST DISTURBED DAYS				
August 2006	13	25	4	16	14	19	7	20	22	27*

AUGUST 2006						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	27	28	31	25	28		19 2+	30 3o	30 3o	38 3+	27 3o	24 3-	7 1o	11 2-	23	20o	12	20o
2	24	15	23	16	20		17 2+	18 2+	22 3-	16 2o	15 2o	10 1+	7 1o	28 3o	17	17-	9	18-
3	13	7	10	9	10	CC	15 2o	9 1+	5 1-	7 1o	5 1-	2 0+	8 1+	13 2-	8	9o	5	10-
4	5	2	3	4	4	CC *	3 0+	5 1-	1 0o	1 0o	1 0o	0 0o	2 0+	5 1-	2	2o	2	3o
5	7	4	7	4	6	CC	10 1+	8 1+	4 1-	2 0+	2 0+	2 0+	4 1-	1 0o	4	5o	3	5+
6	9	6	7	9	8	C	4 1-	2 0+	6 1o	6 1o	7 1o	9 1+	2 0+	4 1-	5	6+	3	5+
7	54	53	65	43	54		24 3-	37 3+	60 4o	88 5o	53 4o	51 4o	26 3-	19 2+	45	28o	32	32+
8	23	17	25	14	20		18 2+	20 2+	31 3o	22 3-	19 2+	18 2+	15 2o	6 1o	19	18o	10	18o
9	24	18	26	16	21		12 2-	23 3-	8 1+	34 3+	16 2o	10 1+	8 1+	16 2o	16	16-	9	17-
10	8	6	4	11	7	CC	4 1-	2 0+	2 0+	2 0+	6 1o	1 0o	5 1-	18 2+	5	6-	4	6+
11	13	10	10	13	12	CC	9 1+	10 1+	8 1+	12 2-	14 2o	11 2-	7 1o	7 1o	10	11+	5	10+
12	12	14	11	15	13	CC	10 1+	17 2+	12 2-	9 1+	10 1+	17 2+	9 1+	6 1o	11	13-	5	11+
13	5	3	3	5	4	CC *	1 0o	1 0o	1 0o	5 1-	2 0+	4 1-	2 0+	3 0+	2	2+	2	3-
14	5	3	3	5	4	CC *	2 0+	1 0o	5 1-	5 1-	8 1+	3 0+	3 0+	2 0+	4	4o	2	4+
15	8	4	4	8	6	CC	2 0+	2 0+	2 0+	4 1-	3 0+	8 1+	3 0+	8 1+	4	5o	3	5+
16	6	3	4	6	5	CC *	6 1o	2 0+	3 0+	6 1o	7 1o	2 0+	3 0+	5 1-	4	5o	3	5-
17	14	8	8	14	11	CK	1 0o	3 0+	18 2+	9 1+	9 1+	9 1+	14 2o	20 2+	10	11o	5	10o
18	27	19	23	23	23		13 2-	27 3o	25 3-	18 2+	17 2+	18 2+	9 1+	19 2+	18	18o	11	20+
19	66	60	15	111	63		12 2-	8 1+	7 1o	27 3o	89 5o	78 5-	102 5o	96 5o	52	27-	38	29o
20	36	25	45	16	30		56 4o	78 5-	16 2o	11 2-	11 2-	21 3-	14 2o	14 2o	28	21-	22	23-
21	26	21	16	31	24		13 2-	22 3-	12 2-	14 2o	17 2+	23 3-	24 3-	44 4-	21	19+	12	20+
22	57	38	50	45	48		30 3o	15 2o	50 4-	45 4-	40 3+	55 4o	30 3o	10 1+	34	24o	23	28+
23	8	13	15	6	11	K	11 2-	19 2+	20 2+	4 1-	2 0+	3 0+	4 1-	6 1o	9	9+	5	9o
24	12	9	8	13	11	CC	15 2o	6 1o	3 0+	2 0+	9 1+	17 2+	9 1+	9 1+	9	10o	4	9o
25	4	3	4	4	4	CC *	3 0+	1 0o	1 0o	5 1-	1 0o	1 0o	2 0+	2 0+	2	2-	2	2+
26	6	2	3	5	4	CK	3 0+	4 1-	6 1o	1 0o	2 0+	2 0+	6 1o	8 1+	4	5o	3	5o
27	26	29	20	35	28		10 1+	8 1+	13 2-	29 3o	37 3+	43 4-	38 3+	35 3+	27	21o	16	23-
28	30	26	29	27	28		44 4-	30 3o	20 2+	14 2o	11 2-	27 3o	22 3-	20 2+	24	21-	12	20+
29	19	14	18	15	17		22 3-	13 2-	17 2+	33 3o	12 2-	17 2+	13 2-	6 1o	17	16+	8	15+
30	16	11	12	15	14	C	7 1o	6 1o	16 2o	21 3-	9 1+	15 2o	15 2o	11 2-	13	14-	6	13o
31	19	18	13	24	19		7 1o	8 1+	24 3-	9 1+	13 2-	24 3-	29 3o	27 3o	18	17-	8	15o

ROT DAY IN SOLAR ROTATION INTERVAL Three-hour indices Km(provisional) AUG 2006

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

2361



AUG

2362

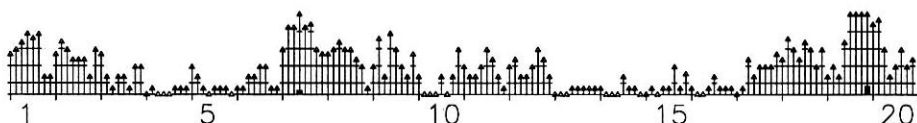


AUG 21 25 30

ROT DAY IN SOLAR ROTATION INTERVAL Three-hour indices aa (logscale) AUG-OCT 2006

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

2361



AUG

2362



AUG 21 25 30 5 10 15

2363



SEP 17 20 25 30 5 10

2364



OCT 14 15 20 25

2 5 10 20 40 80 160 320 640 nT