

FEDERATION DES SERVICES D'ANALYSE DE DONNEES ASTRONOMIQUES ET GEOPHYSIQUES
 FEDERATION OF ASTRONOMICAL AND GEOPHYSICAL DATA ANALYSIS SERVICES
 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		AUGUST2013
SSC - Storm Sudden Commencements		SFE - Solar Flare Effects
20 22 29	A: None B: LER* ESK* HAD* HRB SPT* CNB C: WNG NGK VAL* DOU BDV GCK EBR GNG LIV	13 1121-1135 NAG
22 19 26	A: None B: LER ESK HAD C: DOU EBR LIV*	
REPORTING OBSERVATORIES (<i>up to the 1st of October 2013</i>): NUR LER ESK WNG NGK VAL HAD DOU BDV HRB NAG GCK MMB EBR SPT KAK KNY GUI GNG CNB LIV		

	FIVE INTERNATIONAL QUIETEST DAYS					FIVE INTERNATIONAL MOST DISTURBED DAYS				
August 2013	29	2	7	8	20	16	21*	23*	27*	5*

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AUGUST 2013										Geomagnetic Indices (provisional)								Daily Average and Sum			
	aa					quiet	am and Km for each three hour interval								Am		Ap				
	N	S	am	pm	D	days	1	2	3	4	5	6	7	8	Σ Km	Σ Kp					
1	11	7	8	10	9	CC	6 1o	16 2o	6 1o	8 1+	7 1o	13 2-	2 0+	2 0+	8	9-	4	8+			
2	4	4	3	5	4	CC*	3 0+	6 1o	2 0+	4 1-	1 0o	6 1o	5 1-	2 0+	4	4+	2	40			
3	8	5	4	9	6	CC	4 1-	3 0+	1 0o	3 0+	7 1o	4 1-	7 1o	15 2o	6	6o	4	7-			
4	28	27	17	38	28		8 1+	8 1+	23 3-	25 3-	10 1+	54 4o	33 3o	49 4-	26	20o	15	21-			
5	30	30	36	24	30		54 4o	41 4-	31 3o	30 3o	17 2+	17 2+	18 2+	24 3-	29	23+	14	22+			
6	9	10	10	9	10	CK	16 2o	13 2-	13 2-	8 1+	9 1+	3 0+	7 1o	13 2-	10	11o	5	11-			
7	6	5	7	4	5	CC*	10 1+	5 1-	10 1+	4 1-	3 0+	1 0o	3 0+	1 0o	5	5-	3	6-			
8	7	2	4	6	5	CC*	3 0+	1 0o	8 1+	3 0+	2 0+	2 0+	4 1-	10 1+	4	5-	3	6o			
9	16	13	16	13	15	C	4 1-	19 2+	17 2+	20 2+	16 2o	9 1+	18 2+	9 1+	14	15-	6	13o			
10	12	10	11	11	11	CC	11 2-	10 1+	13 2-	16 2o	17 2+	4 1-	4 1-	6 1o	10	11+	5	11-			
11	10	7	8	10	9	CC	8 1+	7 1o	7 1o	11 2-	9 1+	6 1o	4 1-	8 1+	8	9+	4	8+			
12	16	7	6	17	12	KK	8 1+	3 0+	3 0+	6 1o	3 0+	6 1o	15 2o	25 3-	9	9o	5	9-			
13	23	18	12	29	20		18 2+	1 0o	5 1-	17 2+	12 2-	33 3o	21 3-	19 2+	16	15o	8	15-			
14	18	16	14	20	17		27 3o	26 3-	17 2+	4 1-	6 1o	10 1+	15 2o	28 3o	17	16o	10	16+			
15	30	24	23	31	27		43 4-	21 3-	20 2+	33 3o	21 3-	39 3+	12 2-	30 3o	27	22+	14	22o			
16	40	39	37	42	39		48 4-	97 5o	43 4-	26 3-	46 4-	43 4-	27 3o	35 3+	46	29-	26	30o			
17	16	13	16	13	15		28 3o	17 2+	23 3-	9 1+	16 2o	11 2-	8 1+	12 2-	16	16o	7	15o			
18	12	10	12	10	11	CC	13 2-	7 1o	21 3-	14 2o	7 1o	9 1+	15 2o	10 1+	12	13o	5	12-			
19	10	6	7	10	8	CC	11 2-	8 1+	5 1-	4 1-	8 1+	12 2-	4 1-	5 1-	7	9-	4	8+			
20	9	4	4	9	6	CK*	8 1+	1 0o	3 0+	5 1-	2 0+	2 0+	3 0+	20 2+	6	6-	3	6-			
21	36	28	22	42	32		21 3-	40 3+	24 3-	31 3o	27 3o	23 3-	36 3+	40 3+	30	24o	18	26o			
22	29	19	27	22	24		38 3+	33 3o	18 2+	15 2o	12 2-	14 2o	30 3o	42 4-	25	21o	13	21o			
23	27	32	35	24	29		48 4-	27 3o	36 3+	37 3+	24 3-	25 3-	19 2+	15 2o	29	23o	15	23o			
24	15	9	13	11	12	C	17 2+	13 2-	10 1+	16 2o	20 2+	12 2-	11 2-	7 1o	13	14o	6	14o			
25	11	13	11	12	12	CC	5 1-	11 2-	16 2o	20 2+	11 2-	12 2-	6 1o	11 2-	12	13-	5	12-			
26	13	10	10	13	12	CC	11 2-	6 1o	8 1+	10 1+	6 1o	6 1o	8 1+	13 2-	9	10+	5	10+			
27	34	23	13	43	28		17 2+	8 1+	3 0+	11 2-	26 3-	27 3o	68 4+	53 4o	27	20-	16	20+			
28	15	10	17	8	12	C	50 4-	20 2+	19 2+	14 2o	11 2-	6 1o	3 0+	7 1o	16	14+	9	15o			
29	4	4	2	5	4	CC*	3 0+	3 0+	0o	3 0+	2 0+	3 0+	3 0+	3 0+	3	2+	2	3o			
30	17	14	7	23	15		2 0+	1 0o	8 1+	18 2+	13 2-	17 2+	21 3-	43 4-	15	14+	8	13o			
31	23	19	24	17	21		43 4-	25 3-	31 3o	31 3o	22 3-	9 1+	3 0+	19 2+	23	19o	12	19o			

ROT DAY IN SOLAR ROTATION INTERVAL Three-hour indices Km (provisional) AUG 2013

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
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