

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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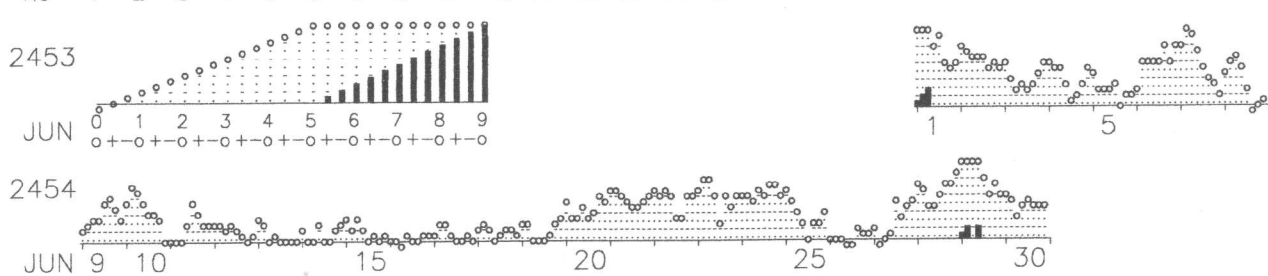
Special thanks are due to contributors (quoted below) for providing the here published geomagnetic data within shortly possible delay.

PRELIMINARY REPORT ON RAPID VARIATIONS		JUNE2013
SSC - Storm Sudden Commencements		SFE - Solar Flare Effects
27 14 38 A: SOD* NUR LER* ESK* HAD* DOU NAG* SPT* GUI GNG CNB B: WNG* NGK* VAL BDV* MMB EBR* KAK KNY C: GCK		NONE
REPORTING OBSERVATORIES (up to the 9th of September 2013) :		
SOD 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				
June 2013	16	26	17	13	14	1	29	7	6	28

JUNE 2013						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	76	53	81	49	65	C	109 5+	125 6-	152 6o	59 4o	74 5-	28 3o	25 3-	27 3o	75	34+	58	40-	
2	33	37	40	30	35		52 4o	43 4-	38 3+	37 3+	34 3+	21 3-	27 3o	26 3-	35	26o	17	25+	
3	23	15	15	23	19		29 3o	14 2o	10 1+	12 2-	10 1+	11 2-	19 2+	27 3o	17	16+	9	17+	
4	18	14	19	13	16		32 3o	21 3-	21 3-	11 2-	5 1-	6 1o	12 2-	22 3-	16	16o	8	15-	
5	13	10	12	11	12		20 2+	10 1+	8 1+	10 1+	11 2-	3 0+	7 1o	6 1o	9	10+	5	10+	
6	52	38	37	52	45		8 1+	27 3o	28 3o	31 3o	28 3o	51 4o	32 3o	55 4o	33	24+	23	28-	
7	38	37	59	16	38		55 4o	96 5o	79 5-	50 4-	23 3-	14 2o	11 2-	7 1o	42	25-	27	28-	
8	18	12	25	4	15		17 2+	32 3o	34 3+	25 3-	8 1+	1 0o	3 0+	5 1-	16	14-	8	13+	
9	16	18	10	24	17		7 1o	9 1+	12 2-	13 2-	21 3-	27 3o	20 2+	12 2-	15	15+	7	14+	
10	26	19	28	17	22		26 3-	47 4-	39 3+	23 3-	15 2o	16 2o	11 2-	3 0+	23	18+	10	18o	
11	11	8	3	16	9	KK	3 0+	2 0+	3 0+	8 1+	22 3-	14 2o	9 1+	10 1+	9	10-	5	10-	
12	8	5	7	5	6	CC	8 1+	8 1+	7 1o	8 1+	6 1o	4 1-	3 0+	5 1-	6	8-	4	7+	
13	8	3	6	5	6	CC*	13 2-	9 1+	2 0+	4 1-	3 0+	2 0+	2 0+	3 0+	5	5+	3	5-	
14	7	4	5	6	6	CC*	6 1o	3 0+	2 0+	8 1+	2 0+	2 0+	6 1o	8 1+	5	6o	3	6-	
15	9	5	8	6	7	CC	12 2-	6 1o	11 2-	6 1o	3 0+	5 1-	2 0+	4 1-	6	7+	4	7o	
16	6	2	3	5	4	CC*	2 0+	2 0+	1 0o	4 1-	2 0+	2 0+	4 1-	4 1-	3	3+	2	3-	
17	7	5	6	6	6	CC*	5 1-	8 1+	9 1+	5 1-	3 0+	2 0+	4 1-	3 0+	5	6-	3	5+	
18	8	5	5	8	7	CC	6 1o	8 1+	7 1o	3 0+	5 1-	6 1o	7 1o	5 1-	6	7o	4	7-	
19	10	6	5	10	8	CC	10 1+	9 1+	2 0+	3 0+	3 0+	5 1-	9 1+	13 2-	7	7+	4	8+	
20	23	14	12	25	19	C	24 3-	12 2-	11 2-	17 2+	13 2-	15 2o	31 3o	23 3-	18	18-	11	19-	
21	41	20	31	31	31		34 3+	39 3+	29 3o	21 3-	18 2+	18 2+	26 3-	30 3o	27	23-	18	26-	
22	33	20	26	27	27		39 3+	31 3o	39 3+	27 3o	13 2-	12 2-	29 3o	31 3o	28	22o	13	22+	
23	34	31	34	32	33		34 3+	53 4o	55 4o	28 3o	10 1+	29 3o	19 2+	31 3o	32	24o	18	26-	
24	36	29	20	45	32		28 3o	30 3o	21 3-	34 3+	32 3o	43 4-	46 4-	27 3o	33	25+	18	25+	
25	15	11	16	10	13		40 3+	23 3-	14 2o	10 1+	2 0+	10 1+	9 1+	14 2o	15	14+	6	13-	
26	5	3	3	5	4		CC*	3 0+	2 0+	2 0+	1 0o	1 0o	6 1o	4 1-	5 1-	3	3+	2	3+
27	20	10	4	26	15		6 1o	1 0o	3 0+	4 1-	26 3-	11 2-	17 2+	26 3-	12	11+	7	12-	
28	48	32	29	51	40		47 4-	34 3+	19 2+	20 2+	29 3o	47 4-	43 4-	64 4+	38	26+	22	28-	
29	69	66	83	52	67		115 5+	134 6-	92 5o	137 6-	53 4o	28 3o	43 4-	32 3o	79	35+	50	40-	
30	25	14	17	22	20	32 3o	21 3-	11 2-	18 2+	22 3-	17 2+	17 2+	18 2+	20	19+	10	19o		

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



ROT DAY IN SOLAR ROTATION INTERVAL Three-hour indices aa (logscale) JUN-AUG 2013

