

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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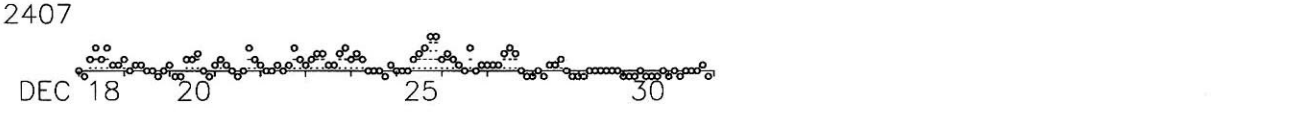
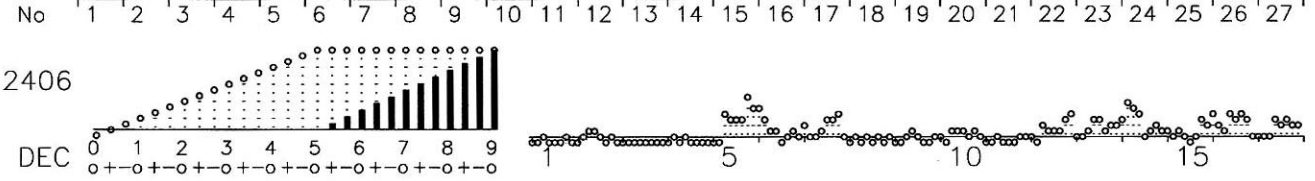
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PRELIMINARY REPORT ON RAPID VARIATIONS		DECEMBER 2009
<b>SSC - Storm Sudden Commencements</b>		<b>SFE - Solar Flare Effects</b>
05 06 54	A: SOD* GUI GNA CNB* B: NUR LER* ESK* HAD* HYB C: NGK* BDV* CLF SPT	22 0453-0504 MMB KAK KNY
12 19 41	B: GUI GNA* C: SOD* NGK BDV CLF	
REPORTING OBSERVATORIES (up to 02/02/2010) :		
SOD NUR LER ESK NGK VAL HAD DOU BDV CLF NAG GCK MMB EBR SPT KAK KNY GUI HYB GNA CNB		

	FIVE INTERNATIONAL QUIETEST DAYS					FIVE INTERNATIONAL MOST DISTURBED DAYS				
<b>December 2009</b>	1	3	4	11	30	14*	16*	5*	25*	26*

DECEMBER 2009		Geomagnetic Indices (provisional)												Daily Average and Sum				
	aa				quiet days	am and Km for each three hour interval								Daily Average and Sum				
	N	S	am	pm		D	1	2	3	4	5	6	7	8	Am	Σ Km	Ap	Σ Kp
1	2	3	3	2	2	CC*	1 0o	0 0o	2 0+	1 0o	0 0o	0 0o	2 0+	1 0o	1	1-	0	0o
2	2	5	4	3	4	CC	1 0o	3 0+	4 1-	4 1-	2 0+	0 0o	3 0+	1 0o	2	2+	1	1+
3	2	2	2	2	2	CC*	0 0o	0 0o	0 0o	0 0o	0 0o	1 0o	0 0o	1 0o	0	0o	0	0o
4	2	3	3	2	2	CC*	1 0o	2 0+	1 0o	2 0+	0 0o	0 0o	1 0o	0 0o	1	1-	0	0o
5	8	11	7	11	9	CC	1 0o	1 0o	12 2-	8 1+	8 1+	8 1+	21 3-	14 2o	9	10+	4	7+
6	5	9	10	4	7	CC	15 2o	10 1+	5 1-	4 1-	1 0o	2 0+	4 1-	3 0+	6	6o	3	6-
7	7	7	7	7	7	CC	6 1o	2 0+	3 0+	5 1-	9 1+	9 1+	11 2-	3 0+	6	7o	3	6-
8	3	2	2	3	2	CC	1 0o	2 0+	0 0o	2 0+	1 0o	2 0+	1 0o	3 0+	2	1+	0	1-
9	2	4	4	2	3	CC	1 0o	1 0o	3 0+	4 1-	2 0+	0 0o	0 0o	2 0+	2	2-	0	0+
10	4	5	4	4	4	CC	2 0+	0 0o	4 1-	4 1-	4 1-	3 0+	5 1-	2 0+	3	4-	1	2-
11	3	3	3	3	3	CC*	1 0o	1 0o	2 0+	1 0o	1 0o	1 0o	2 0+	3 0+	2	1o	0	0o
12	7	9	6	10	8	CC	2 0+	0 0o	6 1o	4 1-	4 1-	5 1-	10 1+	12 2-	5	6+	2	4o
13	6	8	6	8	7	CC	3 0+	2 0+	5 1-	9 1+	9 1+	4 1-	6 1o	6 1o	6	7-	2	4o
14	11	13	17	7	12	KC	9 1+	18 2+	14 2o	12 2-	3 0+	5 1-	7 1o	5 1-	9	10o	6	10+
15	4	4	3	5	4	CC	4 1-	2 0+	5 1-	2 0+	1 0o	3 0+	8 1+	6 1o	4	5-	1	2+
16	10	10	9	11	10	CC	13 2-	7 1o	5 1-	11 2-	9 1+	12 2-	8 1+	3 0+	9	10-	5	10-
17	6	9	6	9	8	CC	2 0+	2 0+	3 0+	9 1+	7 1o	10 1+	7 1o	6 1o	6	7-	2	4+
18	5	9	7	8	7	CC	3 0+	1 0o	6 1o	12 2-	6 1o	12 2-	5 1-	4 1-	6	7o	3	5+
19	4	5	6	4	5	CC	6 1o	3 0+	4 1-	4 1-	2 0+	2 0+	0 0o	3 0+	3	4-	2	2+
20	7	5	4	7	6	CC	5 1-	1 0o	1 0o	6 1o	6 1o	9 1+	2 0+	1 0o	4	4+	2	4-
21	7	9	7	9	8	CC	5 1-	6 1o	4 1-	3 0+	1 0o	3 0+	12 2-	7 1o	5	6-	3	5o
22	7	7	4	10	7	CC	4 1-	2 0+	3 0+	5 1-	3 0+	4 1-	11 2-	7 1o	5	6-	3	5o
23	8	10	8	10	9	CC	4 1-	6 1o	8 1+	8 1+	5 1-	5 1-	9 1+	12 2-	7	9-	4	7-
24	5	7	9	4	6	CC	6 1o	8 1+	7 1o	2 0+	3 0+	2 0+	0 0o	5 1-	4	5o	2	4-
25	8	11	4	15	9	CC	3 0+	2 0+	2 0+	6 1o	10 1+	11 2-	18 2+	18 2+	9	10-	4	7o
26	9	8	10	7	9	CC	7 1o	9 1+	7 1o	4 1-	3 0+	11 2-	3 0+	4 1-	6	7o	4	8-
27	6	9	8	7	7	CC	4 1-	4 1-	5 1-	8 1+	11 2-	8 1+	2 0+	1 0o	5	7-	2	4+
28	4	3	4	3	3	CC	0 0o	2 0+	1 0o	5 1-	4 1-	6 1o	3 0+	0 0o	3	3o	1	2-
29	3	3	2	4	3	CC	1 0o	1 0o	2 0+	2 0+	2 0+	3 0+	2 0+	2 0+	2	2o	0	0+
30	2	3	3	2	2	CC*	0 0o	1 0o	0 0o	2 0+	0 0o	0 0o	0 0o	2 0+	1	1-	0	0o
31	2	4	3	3	3	CC	1 0o	2 0+	0 0o	2 0+	3 0+	2 0+	4 1-	1 0o	2	2o	0	0+

ROT DAY IN SOLAR ROTATION INTERVAL Three-hour indices Km(provisional) DEC 2009



ROT DAY IN SOLAR ROTATION INTERVAL Three-hour indices aa (logscale) DEC2009-FEB2010

