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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

JUNE 2011

SSC - Storm Sudden Commencements		SFE - Solar Flare Effects		
04 20 44	A: LER* ESK* NGK* HAD* DOU* BDV* HRB* NAG* MMB* SPT* GUI GNA CNB* B: SOD* VAL* GCK HRT* EBR* KAK KNY	06	1232-1338	GUI
		06	1356-1428	GUI
		07	0618-0719	MMB KAK KNY
10 08 48	B: LER* ESK* HAD* GNA* CNB C: NGK* VAL* BDV*			
17 02 39	A: SPT* GNA* CNB B: LER* ESK* HAD* DOU HRB NAG* GUI* C: NGK* VAL BDV* HRT* EBR* LIV*			
23 02 58	B: GUI* C: NGK* DOU BDV*			

REPORTING OBSERVATORIES (up to 01-08-2011) :

SOD LER ESK NGK VAL HAD DOU BDV HRB NAG GCK MMB HRT EBR SPT KAK KNY
 GUI GNA CNB LIV

	FIVE INTERNATIONAL QUIETEST DAYS					FIVE INTERNATIONAL MOST DISTURBED DAYS				
June 2011	29	3	28	19	27	5	23*	22*	24*	8*

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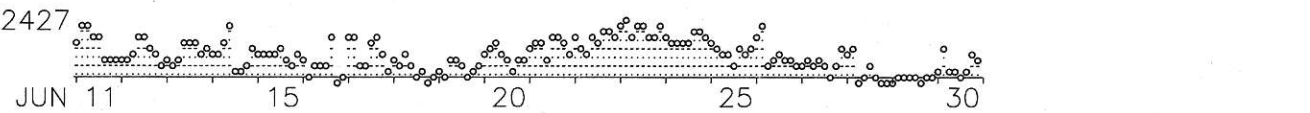
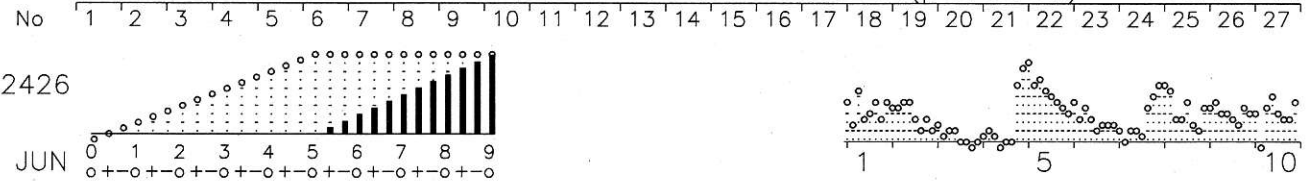
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JUNE 2011						Geomagnetic Indices (provisional)								Daily Average and Sum				
	aa				D	quiet days	am and Km for each three hour interval								Am Σ Km Ap Σ Kp			
	N	S	am	pm			1	2	3	4	5	6	7	8	Am	Σ Km	Ap	Σ Kp
1	24	19	15	28	22		24 3-	9 1+	36 3+	12 2-	16 2o	26 3-	13 2-	24 3-	20	18o	10	18o
2	18	17	21	13	17		17 2+	17 2+	24 3-	21 3-	12 2-	7 1o	13 2-	7 1o	15	15+	7	14+
3	9	5	8	6	7	CC*	8 1+	5 1-	7 1o	6 1o	2 0+	3 0+	1 0o	3 0+	4	5o	3	6+
4	30	13	4	39	21		5 1-	6 1o	4 1-	1 0o	2 0+	3 0+	44 4-	75 5-	18	11+	13	12+
5	42	41	57	26	41		101 5o	46 4-	60 4o	34 3+	27 3o	25 3-	17 2+	15 2o	41	26o	25	27+
6	12	9	11	10	11	CK	21 3-	12 2-	17 2+	11 2-	7 1o	9 1+	10 1+	10 1+	12	13+	5	12-
7	21	13	4	31	17		6 1o	3 0+	6 1o	6 1o	4 1-	17 2+	31 3o	42 4-	14	13o	9	13-
8	26	19	26	19	22		44 4-	38 3+	11 2-	12 2-	22 3-	9 1+	7 1o	18 2+	20	18-	11	18-
9	17	17	18	16	17		17 2+	21 3-	16 2o	15 2o	13 2-	8 1+	18 2+	15 2o	15	16+	8	16+
10	20	14	15	20	17		14 2o	1 0o	18 2+	29 3o	16 2o	12 2-	13 2-	21 3-	16	15+	8	16o
11	26	18	25	18	22		19 2+	37 3+	37 3+	24 3-	24 3-	8 1+	10 1+	9 1+	21	18+	10	19-
12	18	14	13	18	16		8 1+	10 1+	13 2-	25 3-	21 3-	14 2o	11 2-	6 1o	14	14+	7	13+
13	23	10	10	23	17		10 1+	6 1o	10 1+	17 2+	20 2+	18 2+	12 2-	14 2o	13	14+	8	16o
14	16	11	18	9	13	K	13 2-	12 2-	19 2+	34 3+	4 1-	4 1-	6 1o	14 2o	13	13+	7	14+
15	13	12	12	13	13	CC	13 2-	11 2-	11 2-	12 2-	15 2o	10 1+	6 1o	12 2-	11	13-	6	14-
16	11	7	5	13	9	KK	8 1+	2 0+	7 1o	7 1o	7 1o	22 3-	1 0o	2 0+	7	8-	5	9-
17	19	13	18	14	16	K	23 3-	21 3-	7 1o	7 1o	17 2+	23 3-	13 2-	5 1-	15	15-	9	16-
18	10	4	8	6	7	CC	10 1+	7 1o	12 2-	6 1o	3 0+	5 1-	1 0o	3 0+	6	6+	4	8-
19	8	4	6	6	6	CC*	4 1-	2 0+	8 1+	8 1+	7 1o	2 0+	5 1-	7 1o	5	7-	4	7-
20	17	9	15	11	13	CC	11 2-	15 2o	20 2+	11 2-	10 1+	5 1-	10 1+	8 1+	11	12+	7	14-
21	25	15	17	23	20		15 2o	19 2+	20 2+	10 1+	23 3-	21 3-	18 2+	13 2-	17	17+	9	18o
22	34	21	21	34	27		25 3-	15 2o	11 2-	22 3-	17 2+	30 3o	32 3o	22 3-	22	20o	12	20o
23	36	33	33	37	35		39 3+	48 4-	26 3-	34 3+	34 3+	24 3-	25 3-	34 3+	33	25o	18	26o
24	27	21	19	29	24		23 3-	17 2+	18 2+	18 2+	19 2+	29 3o	30 3o	25 3-	22	21-	11	20o
25	13	13	13	13	13	C	17 2+	15 2o	12 2-	12 2-	7 1o	14 2o	11 2-	15 2o	13	14+	6	12+
26	21	16	25	12	19		21 3-	36 3+	6 1o	9 1+	12 2-	9 1+	10 1+	7 1o	14	14-	7	13+
27	10	6	7	9	8	CC*	7 1o	8 1+	7 1o	8 1+	7 1o	2 0+	6 1o	14 2o	7	9o	4	7+
28	6	4	5	5	5	CC*	12 2-	15 2o	1 0o	3 0+	7 1o	2 0+	1 0o	0 0o	5	5+	3	5o
29	6	2	4	4	4	CC*	0 0o	2 0+	2 0+	3 0+	2 0+	1 0o	3 0+	2 0+	2	2o	2	3+
30	13	5	6	12	9	CK	5 1-	15 2o	5 1-	4 1-	3 0+	5 1-	13 2-	10 1+	8	8o	4	9+

ROT DAY IN SOLAR ROTATION INTERVAL Three-hour indices Km(provisional) JUN 2011



ROT DAY IN SOLAR ROTATION INTERVAL Three-hour indices aa (logscale) JUN-AUG 2011

