

FEDERATION DES SERVICES D'ANALYSE DE DONNEES ASTRONOMIQUES ET GEOPHYSIQUES
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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 2004
SSC - Storm Sudden Commencements	SFE - Solar Flare Effects	
NONE	13 1123-1130 NGK+ BDV HTY+ 25 1318-1356 GUI	

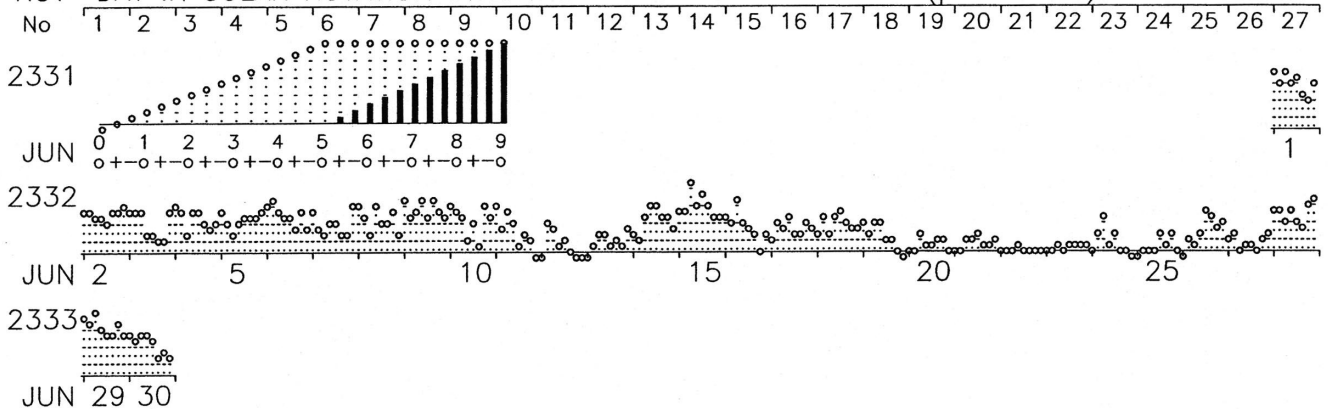
REPORTING OBSERVATORIES (up to 3 August 2004) :

NUR LER ESK NGK VAL HAD BDV CLF HRB NAG GCK MMB EBR COI SPT KAK HTY KNY GUI HYB
 GNA CNB

	FIVE INTERNATIONAL QUIETEST DAYS					FIVE INTERNATIONAL MOST DISTURBED DAYS				
June 2004	22	23	27	20	25	29*	15*	1*	28*	9*

JUNE 2004						Geomagnetic Indices (provisional)									Daily Average and Sum			
	aa				D	quiet days	am and Km for each three hour interval								and Sum			
	N	S	am	pm			1	2	3	4	5	6	7	8	Am	Σ Km	Ap	Σ Kp
1	38	29	35	33	34		46 4-	28 3o	41 4-	28 3o	39 3+	20 2+	15 2o	31 3o	31	24o	16	25-
2	24	20	18	26	22		24 3-	22 3-	18 2+	19 2+	14 2o	24 3-	24 3-	29 3o	22	20+	10	19+
3	19	13	16	16	16		21 3-	22 3-	22 3-	9 1+	9 1+	6 1o	7 1o	24 3-	15	15+	8	15-
4	15	19	16	18	17		27 3o	22 3-	9 1+	21 3-	21 3-	16 2o	11 2-	16 2o	18	18o	7	15-
5	26	13	16	23	20		21 3-	15 2o	9 1+	14 2o	19 2+	20 2+	19 2+	26 3-	18	18-	11	19+
6	31	16	25	22	24		33 3o	36 3+	22 3-	18 2+	20 2+	13 2-	25 3-	13 2-	23	20-	11	20o
7	20	17	16	21	19		21 3-	11 2-	10 1+	16 2o	15 2o	10 1+	10 1+	31 3o	16	15+	8	15-
8	23	15	19	19	19		30 3o	17 2+	9 1+	28 3o	15 2o	14 2o	21 3-	10 1+	18	18-	9	18-
9	32	27	30	30	30		38 3+	17 2+	25 3-	36 3+	19 2+	40 3+	25 3-	20 2+	28	22+	13	22o
10	23	13	18	18	18		32 3o	22 3-	17 2+	6 1o	16 2o	5 1-	31 3o	18 2+	18	17o	10	17-
11	12	11	14	9	12	CK	28 3o	12 2-	21 3-	14 2o	5 1-	10 1+	7 1o	1 0o	12	12+	5	10-
12	6	6	8	4	6	CC	1 0o	15 2o	11 2-	5 1-	6 1o	2 0+	1 0o	1 0o	5	6-	3	6+
13	10	5	6	9	7	CK	1 0o	4 1-	8 1+	8 1+	4 1-	7 1o	4 1-	11 2-	6	7+	4	7o
14	21	22	20	23	21		8 1+	6 1o	20 2+	29 3o	27 3o	19 2+	20 2+	12 2-	18	17o	10	17+
15	36	32	33	35	34		21 3-	23 3-	65 4+	30 3o	48 4-	29 3o	20 2+	18 2+	32	24o	18	25o
16	15	13	18	10	14		18 2+	14 2o	36 3+	14 2o	12 2-	8 1+	3 0+	8 1+	14	14+	7	14o
17	16	11	11	16	14	CC	7 1o	14 2o	13 2-	18 2+	9 1+	10 1+	16 2o	11 2-	12	13+	7	15-
18	20	13	12	21	17		10 1+	18 2+	10 1+	20 2+	23 3-	16 2o	13 2-	12 2-	15	15+	9	17+
19	12	9	11	10	10	CK	14 2o	9 1+	15 2o	15 2o	7 1o	7 1o	2 0+	1 0o	9	10-	4	9+
20	8	4	5	7	6	CC*	3 0+	3 0+	8 1+	5 1-	5 1-	7 1o	6 1o	3 0+	5	6-	4	7-
21	8	5	5	8	6	CC	3 0+	3 0+	6 1o	6 1o	8 1+	4 1-	4 1-	6 1o	5	6+	4	8-
22	5	4	5	4	4	CC*	3 0+	3 0+	2 0+	5 1-	2 0+	2 0+	2 0+	2 0+	3	3o	2	4o
23	7	2	4	6	5	CC*	3 0+	2 0+	5 1-	2 0+	5 1-	4 1-	4 1-	4 1-	4	4+	3	5+
24	10	6	10	6	8	CC	2 0+	9 1+	17 2+	4 1-	8 1+	3 0+	3 0+	1 0o	6	7-	3	7-
25	9	4	3	10	6	CC*	1 0o	2 0+	2 0+	3 0+	10 1+	4 1-	8 1+	2 0+	4	5-	3	6o
26	16	8	6	18	12	KC	1 0o	6 1o	5 1-	10 1+	22 3-	19 2+	12 2-	15 2o	11	12-	8	14o
27	6	5	3	7	5	CK*	6 1o	8 1+	2 0+	5 1-	4 1-	3 0+	6 1o	10 1+	6	7-	3	6o
28	34	14	24	24	24		21 3-	25 3-	15 2o	23 3-	14 2o	12 2-	27 3o	39 3+	22	20o	14	22-
29	38	25	37	26	31		49 4-	37 3+	52 4o	30 3o	23 3-	21 3-	34 3+	23 3-	34	25+	19	27-
30	16	19	22	12	17		24 3-	18 2+	26 3-	22 3-	19 2+	9 1+	13 2-	8 1+	17	17o	8	16+

ROT DAY IN SOLAR ROTATION INTERVAL Three-hour indices Km (provisional) JUN 2004



ROT DAY IN SOLAR ROTATION INTERVAL Three-hour indices aa (logscale) JUN-AUG 2004

