

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

JUNE 2003

SSC - Storm Sudden Commencements

18 05 12 B: HTY
C: MMB KAK KNY

SFE - Solar Flare Effects

09 1119-1148 GUI
10 0924-0933 NGK NAG
13 0433-0459 MMB+ KAK+ HTY+ KNY+
13 0628-0715 MMB+ KAK+ KNY+
16 0924-0929 NGK
19 1316-1340 GUI

REPORTING OBSERVATORIES (up to 31/07/2003) :

NUR NGK VAL DOU BDV HRB NAG GCK MMB EBR COI SPT KAK HTY KNY GUI GNA CNB

	FIVE INTERNATIONAL QUIETEST DAYS					FIVE INTERNATIONAL MOST DISTURBED DAYS				
June 2003	12A	13A	5A	20A	22A	18	17	28	16	2

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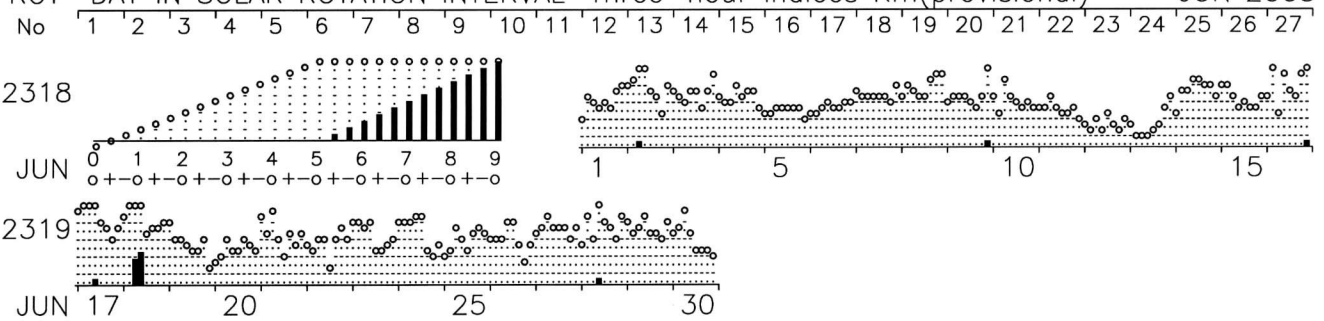
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JUNE 2003						Geomagnetic Indices (provisional)								Daily Average and Sum							
	aa				quiet days	am and Km for each three hour interval								Am		Σ Km		Ap		Σ Kp	
	N	S	am	pm		D	1	2	3	4	5	6	7	8	Am	Σ Km	Ap	Σ Kp			
1	40	30	25	45	35		16 2o	34 3+	32 3o	22 3-	33 3o	23 3-	47 4-	56 4o	33	24+	22	28o			
2	59	62	77	44	60		56 4o	64 4+	104 5+	102 5o	45 4-	37 3+	20 2+	54 4o	60	32o	38	35+			
3	48	41	37	52	44		46 4-	34 3+	30 3o	46 4-	43 4-	24 3-	50 4-	45	28+	29	32o				
4	45	30	35	40	37		38 3+	31 3o	28 3o	51 4o	35 3+	41 4-	43 4-	37	27-	22	29-				
5	23	22	20	25	23	*	17 2+	17 2+	22 3-	24 3-	22 3-	25 3-	21 3-	20	20o	10	20-				
6	29	21	19	31	25		17 2+	18 2+	24 3-	27 3o	22 3-	26 3-	27 3o	24	22-	13	22-				
7	48	32	37	43	40		41 4-	40 3+	39 3+	36 3+	37 3+	36 3+	30 3o	39	27+	25	31-				
8	61	46	39	68	53		36 3+	57 4o	44 4-	40 3+	35 3+	62 4+	73 5-	52	31+	37	35o				
9	50	41	35	56	46		33 3o	39 3+	40 3+	34 3+	31 3o	24 3-	35 3+	43	27+	28	31-				
10	43	31	47	27	37		36 3+	18 2+	63 4+	37 3+	29 3o	22 3-	28 3o	32	25-	24	28+				
11	34	17	27	24	26		26 3-	24 3-	39 3+	22 3-	19 2+	18 2+	21 3-	23	21-	12	22-				
12	15	11	10	16	13	C	* 11 2-	9 1+	15 2o	8 1+	17 2+	13 2-	10 1+	12	14-	7	15-				
13	18	11	7	22	15		* 12 2-	7 1o	6 1o	7 1o	9 1+	11 2-	24 3-	14	14-	9	14+				
14	42	50	34	58	46		17 2+	46 4-	48 4-	67 4+	61 4+	57 4o	55 4o	48	30-	28	32-				
15	40	35	41	34	37		53 4o	60 4o	36 3+	23 3-	29 3o	26 3-	26 3-	36	26-	18	26o				
16	60	66	58	68	63		35 3+	90 5o	17 2+	74 5-	46 4-	35 3+	80 5-	61	32+	40	35o				
17	76	65	84	57	71		82 5-	94 5o	99 5o	104 5+	53 4o	48 4-	29 3o	70	34+	49	40-				
18	76	87	109	54	81		68 4+	93 5o	178 6+	206 7-	38 3+	46 4-	50 4-	91	37o	60	42-				
19	29	17	22	24	23		51 4o	29 3o	29 3o	24 3-	20 2+	18 2+	30 3o	26	22-	14	23-				
20	23	23	16	30	23	*	12 2-	16 2o	31 3o	19 2+	17 2+	29 3o	21 3-	21	19+	11	20o				
21	43	47	52	38	45		61 4+	37 3+	72 5-	29 3o	14 2o	40 3+	26 3-	40	27-	22	28-				
22	26	27	18	35	27	*	24 3-	20 2+	29 3o	28 3o	10 1+	27 3o	41 4-	26	22o	12	21o				
23	36	37	46	27	37		58 4o	59 4o	42 4-	53 4o	19 2+	20 2+	22 3-	38	26o	18	26o				
24	41	46	58	30	44		51 4o	56 4o	52 4o	64 4+	63 4+	17 2+	16 2o	43	28-	23	28+				
25	34	35	28	42	35		15 2o	18 2+	44 4-	30 3o	18 2+	35 3+	41 4-	30	24-	16	24+				
26	32	37	34	35	34		31 3o	30 3o	33 3o	51 4o	52 4o	22 3-	13 2-	32	24o	16	25o				
27	54	46	49	51	50		40 3+	47 4-	62 4+	45 4-	50 4-	41 4-	33 3o	45	29o	31	33+				
28	71	53	64	59	62		26 3-	64 4+	27 3o	116 5+	56 4o	48 4-	32 3o	54	30+	42	36+				
29	48	34	42	40	41		53 4o	34 3+	44 4-	61 4+	34 3+	37 3+	28 3o	43	29o	24	30+				
30	34	32	46	21	33		34 3+	45 4-	71 5-	34 3+	20 2+	20 2+	19 2+	32	24o	17	25-				

ROT DAY IN SOLAR ROTATION INTERVAL Three-hour indices Km (provisional) JUN 2003



ROT DAY IN SOLAR ROTATION INTERVAL Three-hour indices aa (logscale) JUN-AUG 2003

