

SERVICE INTERNATIONAL DES INDICES GEOMAGNETIQUES
 INTERNATIONAL SERVICE OF GEOMAGNETIC INDICES



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C O N T E N T S

Rapid Variations	- provisional determination of ssc and sfe	April 2003
Classification of days	- five international quietest days and most disturbed days	April 2003
aa	- hemispheric N, S, daily values and planetary half day and daily values	April 2003
	- musical diagram of aa (latest values)	April up to 22 June 2003
Quiet periods	- truly magnetically very quiet (C) and quiet (K) periods of 24 and 48 hours, and 5 international quietest days (*)	April 2003
am, Km	- three hour indices values musical diagram of Km	April 2003
Am, ΣKm	- daily values	April 2003
Ap, ΣKp	- daily values	April 2003
	- monthly tables of hourly indices	April 2003

Explanations about published data are given in Special Issue 1994 of ISGI Monthly Bulletin.

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PRELIMINARY REPORT ON RAPID VARIATIONS

APRIL 2003

SSC - Storm Sudden Commencements

SFE - Solar Flare Effects

08 01 11 A: CLF NAG* COI HTY* HYB
 B: NUR* VAL BDV* HRB SPT GNA CNB
 C: CGK EBR* LIV*

06 0730-0737 NGK+
 14 1312-1338 GUI
 19 1601-1620 GUI
 23 0101-0125 MMB+ KAK+ KNY+
 24 1247-1315 BDV+ GUI
 26 0604-0612 HYB
 26 0805-0815 BDV+ MMB+ KNY+
 29 1739-1759 GUI

REPORTING OBSERVATORIES (up to 03/06/2003) :

SOD NUR NGK VAL BDV CLF HRB NAG GCK MMB EBR COI SPT KAK HTY KNY GUI HYB GNA CNB LIV

	FIVE INTERNATIONAL QUIETEST DAYS					FIVE INTERNATIONAL MOST DISTURBED DAYS				
April 2003	7	12A	6A	13A	19A	30	25	16	4	5

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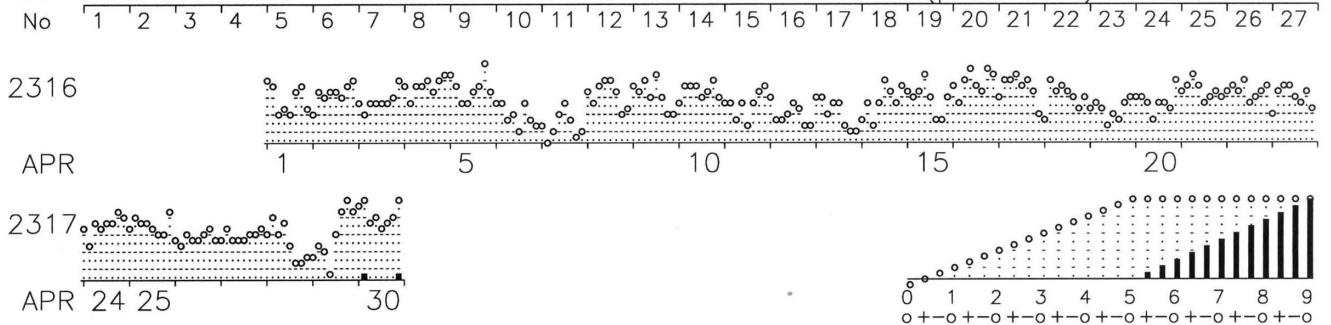
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APRIL 2003						Geomagnetic Indices (provisional)								Daily Average and Sum								
	aa				D	quiet days	am and Km for each three hour interval								Am		ΣKm		Ap		ΣKp	
	N	S	am	pm			1	2	3	4	5	6	7	8	Am	ΣKm	Ap	ΣKp				
1	36	22	27	31	29		59 4o	41 4-	15 2o	19 2+	15 2o	34 3+	44 4-	20 2+	31	23+	18	25o				
2	54	35	35	54	44		14 2o	36 3+	33 3o	36 3+	36 3+	27 3o	41 4-	60 4o	35	26-	24	30o				
3	32	32	25	39	32		24 3-	14 2o	26 3-	23 3-	21 3-	26 3-	29 3o	51 4o	27	22+	17	25o				
4	56	58	42	72	57		47 4-	24 3-	46 4-	46 4-	57 4o	36 3+	51 4o	66 4+	47	29+	28	32+				
5	50	37	29	58	43		66 4+	49 4-	22 3-	23 3-	38 3+	45 4-	89 5o	37 3+	46	29-	28	32-				
6	20	12	13	20	16	*	21 3-	21 3-	12 2-	14 2o	7 1o	21 3-	12 2-	10 1+	15	16-	9	17o				
7	13	10	9	15	12	K	10 1+	3 0+	6 1o	15 2o	22 3-	13 2-	5 1-	6 1o	10	11-	5	10o				
8	41	35	45	31	38		34 3+	26 3-	44 4-	58 4o	53 4o	39 3+	14 2o	18 2+	36	25+	22	28o				
9	36	42	45	33	39		47 4-	35 3+	56 4o	31 3o	61 4+	31 3o	16 2o	16 2o	37	25+	22	28o				
10	36	45	37	44	41		25 3-	41 4-	44 4-	47 4-	30 3o	34 3+	52 4o	33 3o	38	27o	23	29+				
11	26	24	20	30	25		21 3-	26 3-	13 2-	21 3-	10 1+	25 3-	34 3+	43 4-	24	21-	14	22+				
12	18	15	14	19	17	*	29 3o	11 2-	12 2-	14 2o	23 3-	19 2+	9 1+	8 1+	16	16o	9	16+				
13	16	21	25	12	19	*	29 3o	28 3o	16 2o	22 3-	23 3-	8 1+	7 1o	6 1o	17	17-	9	17-				
14	30	29	14	45	30		13 2-	24 3-	9 1+	23 3-	56 4o	36 3+	26 3-	45 4-	29	22o	17	24o				
15	28	30	36	22	29		38 3+	31 3o	39 3+	61 4+	32 3o	11 2-	13 2-	27 3o	32	23+	17	25-				
16	62	54	56	61	58		49 4-	25 3-	57 4o	77 5-	42 4-	40 3+	74 5-	62 4+	53	31o	33	34o				
17	44	47	51	41	46		28 3o	54 4o	51 4o	64 4+	45 4-	58 4o	34 3+	14 2o	44	28+	28	31o				
18	43	30	35	38	37		13 2-	56 4o	35 3+	42 4-	40 3+	29 3o	19 2+	29 3o	33	24+	21	28-				
19	18	13	11	20	16	*	17 2+	22 3-	17 2+	9 1+	15 2o	13 2-	23 3-	30 3o	18	18o	9	18o				
20	28	21	18	31	24		33 3o	29 3o	24 3-	12 2-	22 3-	22 3-	19 2+	56 4o	27	22o	14	22+				
21	45	41	49	37	43		38 3+	44 4-	61 4+	42 4-	24 3-	31 3o	40 3+	32 3o	39	27o	22	29-				
22	43	41	44	40	42		39 3+	49 4-	38 3+	51 4o	24 3-	33 3o	35 3+	46 4-	39	27o	23	29+				
23	33	32	35	30	33		15 2o	40 3+	44 4-	45 4-	27 3o	24 3-	34 3+	19 2+	31	24o	19	26o				
24	54	39	30	63	46		38 3+	20 2+	43 4-	39 3+	43 4-	41 4-	66 4+	60 4o	44	28+	27	31-				
25	57	41	46	52	49		37 3+	51 4o	42 4-	49 4-	34 3+	33 3o	30 3o	65 4+	43	28+	33	34o				
26	36	35	31	40	35		26 3-	19 2+	33 3o	21 3-	26 3-	31 3o	37 3+	26 3-	27	22+	15	24o				
27	36	26	26	37	31		21 3-	34 3+	22 3-	23 3-	22 3-	33 3o	31 3o	37 3+	28	23+	13	22+				
28	26	31	42	15	29		28 3o	52 4o	28 3o	49 4-	17 2+	9 1+	10 1+	12 2-	26	20+	14	21o				
29	39	30	9	60	34		13 2-	18 2+	15 2o	5 1-	33 3o	64 4+	101 5o	61 4+	39	23+	27	26o				
30	62	49	52	60	56		81 5-	108 5+	50 4-	53 4o	34 3+	49 4-	59 4o	105 5+	67	34o	45	38o				

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



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

