

SERVICE INTERNATIONAL DES INDICES GEOMAGNETIQUES
 INTERNATIONAL SERVICE OF GEOMAGNETIC INDICES



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CONTENTS

Rapid Variations	- provisional determination of ssc and sfe	April 2009
Classification of days	- five international quietest days and most disturbed days	April 2009
aa	- hemispheric N, S, daily values and planetary half day and daily values	April 2009
	- musical diagram of aa (latest values)	April up to 21 June 2009
Quiet periods	- truly magnetically very quiet (C) and quiet (K) periods of 24 and 48 hours, and 5 international quietest days (*)	April 2009
am, Km	- three hour indices values musical diagram of Km	April 2009
Am, ΣKm	- daily values	April 2009
Ap, ΣKp	- daily values	April 2009
	- monthly tables of hourly indices	April 2009

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

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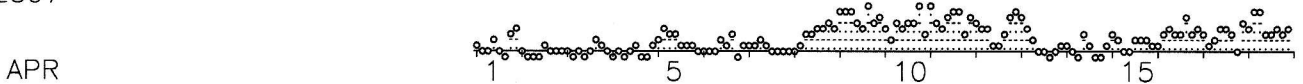
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PRELIMINARY REPORT ON RAPID VARIATIONS		APRIL 2009								
SSC - Storm Sudden Commencements		SFE - Solar Flare Effects								
24 00 53	A: VAL SPT* GUI* GNA* CNB C: NUR DOU CLF GCK* EBR* HYB LIV SI: LER* ESK* HAD* BDV*	03 1451-1508	NAG							
		03 1457-1507	BDV							
		06 1132-1144	GUI							
		24 1232-1245	NAG							
REPORTING OBSERVATORIES (up to 29/05/2009) :										
NUR LER ESK NGK VAL HAD DOU BDV CLF HRB NAG GCK MMB EBR SPT KAK KNY										
	FIVE INTERNATIONAL QUIETEST DAYS		FIVE INTERNATIONAL MOST DISTURBED DAYS							
April 2009	4	23	2	30	7	9*	11*	18*	10*	12*

APRIL 2009						Geomagnetic Indices (provisional)								Daily Average and Sum				
	aa				quiet days	am and Km for each three hour interval								and Sum				
	N	S	am	pm		D	1	2	3	4	5	6	7	8	Am	Σ Km	Ap	Σ Kp
1	8	5	6	6	6	CC	5 1-	2 0+	2 0+	6 1o	3 0+	1 0o	9 1+	13 2-	5	6-	4	7o
2	3	4	2	4	3	CC*	2 0+	0 0o	1 0o	1 0o	4 1-	3 0+	2 0+	3 0+	2	2o	2	4-
3	5	5	3	7	5	CC	2 0+	0 0o	2 0+	1 0o	3 0+	6 1o	4 1-	2 0+	3	3o	2	4-
4	4	4	3	5	4	CC*	0 0o	2 0+	1 0o	3 0+	4 1-	1 0o	0 0o	4 1-	2	2o	1	2-
5	9	7	9	7	8	CC	7 1o	11 2-	8 1+	8 1+	4 1-	5 1-	4 1-	3 0+	6	8-	4	9-
6	6	5	5	6	6	CC	3 0+	2 0+	2 0+	6 1o	5 1-	8 1+	1 0o	4 1-	4	5-	3	6o
7	5	5	7	4	5	CC*	5 1-	5 1-	7 1o	5 1-	3 0+	3 0+	2 0+	3 0+	4	4+	3	4+
8	17	10	7	20	14		3 0+	5 1-	8 1+	8 1+	13 2-	11 2-	16 2o	12 2-	10	11-	6	12o
9	31	25	30	26	28		21 3-	23 3-	22 3-	15 2o	13 2-	29 3o	14 2o	18 2+	19	19o	12	21o
10	19	17	11	24	18		13 2-	7 1o	16 2o	11 2-	14 2o	14 2o	33 3o	10 1+	15	15-	8	15o
11	21	22	21	22	22		27 3o	16 2o	13 2-	17 2+	22 3-	22 3-	10 1+	20 2+	18	18o	10	19o
12	16	8	9	15	12	C	15 2o	12 2-	12 2-	5 1-	5 1-	9 1+	19 2+	22 3-	12	13o	7	14-
13	9	6	10	4	7	CC	18 2+	13 2-	7 1o	3 0+	2 0+	1 0o	3 0+	4 1-	6	7-	4	8-
14	4	6	5	5	5	CC	4 1-	3 0+	1 0o	9 1+	5 1-	0 0o	0 0o	4 1-	3	4-	2	4o
15	11	7	8	10	9	CC	9 1+	6 1o	2 0+	3 0+	7 1o	7 1o	7 1o	4 1-	6	7-	4	8+
16	9	9	7	12	9	CC	5 1-	9 1+	13 2-	8 1+	9 1+	18 2+	8 1+	13 2-	10	12-	5	11-
17	11	10	9	11	10	CC	9 1+	4 1-	6 1o	11 2-	11 2-	9 1+	3 0+	15 2o	9	10o	5	10+
18	17	13	17	13	15	C	11 2-	22 3-	21 3-	10 1+	10 1+	13 2-	9 1+	12 2-	14	14+	8	15o
19	10	9	12	7	10	CC	12 2-	15 2o	8 1+	3 0+	7 1o	2 0+	7 1o	11 2-	8	9+	5	10-
20	9	5	8	5	7	CC	10 1+	9 1+	7 1o	6 1o	5 1-	7 1o	2 0+	4 1-	6	7+	4	8+
21	9	4	8	5	6	CC	5 1-	8 1+	14 2o	10 1+	4 1-	1 0o	4 1-	4 1-	6	7+	4	8+
22	9	6	10	5	8	CC	9 1+	9 1+	4 1-	10 1+	6 1o	1 0o	1 0o	10 1+	6	7o	4	8o
23	4	4	5	3	4	CC*	3 0+	2 0+	3 0+	2 0+	1 0o	2 0+	1 0o	1 0o	2	2-	2	3o
24	12	10	10	12	11	CC	14 2o	6 1o	12 2-	9 1+	13 2-	9 1+	11 2-	7 1o	10	12-	6	13o
25	11	6	6	11	9	CC	3 0+	6 1o	2 0+	7 1o	7 1o	8 1+	6 1o	10 1+	6	7+	4	9-
26	6	6	8	4	6	CC	5 1-	7 1o	5 1-	8 1+	2 0+	1 0o	2 0+	8 1+	5	6-	3	6o
27	8	5	10	3	6	CC	14 2o	12 2-	2 0+	7 1o	1 0o	1 0o	3 0+	2 0+	5	6-	3	6+
28	5	5	3	7	5	CC	1 0o	3 0+	2 0+	1 0o	2 0+	3 0+	5 1-	3 0+	3	2+	2	4+
29	8	8	7	9	8	CC	2 0+	3 0+	3 0+	8 1+	6 1o	7 1o	8 1+	4 1-	5	6+	3	6-
30	4	5	5	4	4	CC*	6 1o	5 1-	5 1-	5 1-	1 0o	1 0o	0 0o	2 0+	3	3+	2	4o

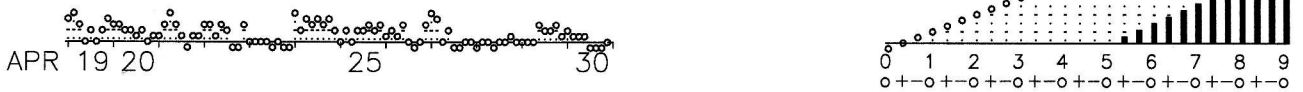
ROT DAY IN SOLAR ROTATION INTERVAL Three-hour indices Km(provisional) APR 2009
 No 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27

2397



APR

2398



APR 19 20 25 30

ROT DAY IN SOLAR ROTATION INTERVAL Three-hour indices aa (logscale) APR-JUN 2009
 No 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27

2397



APR

2398



APR 19 20 25 30 5 10 15

2399



MAY 16 20 25 30 5 10

2400



JUN 12 15 20

2 5 10 20 40 80 160 320 640 nT