

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

JULY 2014

SSC - Storm Sudden Commencements

SFE - Solar Flare Effects

03 00 42 A: None
B: NUR
C: WNG* NGK* DOU BDV EBR GUI GNG*
CNB
S: LER ESK HAD

10 2229-2250 MMB KAK KNY
13 1207-1219 WNG NGK

14 14 31 A: DOU GNG CNB
B: NUR LER* ESK* WNG* NGK* HAD* BDV*
EBR SPT* LIV*
C: VAL* HRB GCK*

REPORTING OBSERVATORIES (up to the 2nd of September 2014):

NUR LER ESK WNG NGK VAL HAD DOU BDV HRB NAG GCK MMB EBR SPT KAK KNY GUI GNG CNB LIV

	FIVE INTERNATIONAL QUIETEST DAYS					FIVE INTERNATIONAL MOST DISTURBED DAYS				
July 2014	19	18	20	1	29	28*	14*	10*	9*	15*

JULY 2014						Geomagnetic Indices <i>(provisional)</i>										Daily Average and Sum			
	aa					quiet	am and Km for each three hour interval												
	N	S	am	pm	D	days	1	2	3	4	5	6	7	8	Am	Σ Km	Ap	Σ Kp	
1	5	3	4	4	4	CC *	4 1-	10 1+	3 0+	3 0+	2 0+	3 0+	3 0+	3 0+	4	4o	3	5-	
2	11	5	6	10	8	CC	1 0o	5 1-	7 1o	6 1o	6 1o	8 1+	4 1-	5 1-	5	6+	4	7+	
3	11	13	18	6	12	CC	11 2-	16 2o	21 3-	23 3-	8 1+	4 1-	1 0o	3 0+	11	11+	5	11o	
4	7	7	9	5	7	CC	8 1+	6 1o	11 2-	12 2-	11 2-	2 0+	2 0+	4 1-	7	9-	4	8o	
5	6	3	2	7	4	CC	1 0o	2 0+	2 0+	3 0+	1 0o	2 0+	7 1o	6 1o	3	3+	3	5o	
6	8	3	5	6	6	CC	5 1-	3 0+	2 0+	12 2-	4 1-	3 0+	2 0+	8 1+	5	6-	3	6o	
7	15	6	7	15	11	CC	12 2-	5 1-	7 1o	9 1+	14 2o	13 2-	7 1o	6 1o	9	10+	5	11o	
8	16	8	7	16	12	CK	7 1o	7 1o	10 1+	8 1+	13 2-	11 2-	11 2-	11 2-	10	11+	6	12-	
9	15	7	8	14	11	CK	11 2-	6 1o	12 2-	9 1+	4 1-	7 1o	13 2-	22 3-	11	12-	7	14-	
10	16	10	13	13	13	CC	29 3o	19 2+	14 2o	7 1o	8 1+	9 1+	6 1o	9 1+	13	13+	7	14-	
11	12	6	8	11	9	CC	9 1+	6 1o	11 2-	10 1+	5 1-	7 1o	9 1+	7 1o	8	9+	5	11-	
12	10	12	14	9	11	CC	8 1+	13 2-	19 2+	13 2-	16 2o	7 1o	4 1-	2 0+	10	11o	5	11-	
13	9	6	8	6	7	CC	9 1+	9 1+	6 1o	13 2-	4 1-	5 1-	3 0+	15 2o	8	9o	4	9o	
14	26	15	8	33	20		6 1o	2 0+	10 1+	10 1+	25 3-	26 3-	14 2o	13 2-	13	13o	8	15-	
15	15	10	11	13	12	C	10 1+	9 1+	18 2+	17 2+	14 2o	11 2-	8 1+	9 1+	12	14-	6	14-	
16	10	5	5	10	7	CC	7 1o	8 1+	10 1+	5 1-	6 1o	5 1-	7 1o	5 1-	7	8-	4	8-	
17	7	5	6	6	6	CC	4 1-	8 1+	9 1+	3 0+	2 0+	4 1-	9 1+	7 1o	6	7o	4	7-	
18	4	2	4	2	3	CC *	5 1-	3 0+	5 1-	3 0+	2 0+	0 0o	0 0o	1 0o	2	2+	2	3+	
19	3	3	3	3	3	CC *	1 0o	2 0+	1 0o	6 1o	1 0o	0 0o	0 0o	0 0o	1	1+	1	2o	
20	7	4	4	7	5	CC *	4 1-	1 0o	4 1-	1 0o	6 1o	3 0+	0 0o	3 0+	3	3o	2	4o	
21	9	7	4	12	8	CC	4 1-	1 0o	1 0o	2 0+	6 1o	9 1+	8 1+	10 1+	5	6o	3	7-	
22	16	6	8	15	11	CC	17 2+	6 1o	5 1-	4 1-	11 2-	7 1o	3 0+	12 2-	8	9+	4	9-	
23	10	5	3	12	8	CC	2 0+	3 0+	4 1-	1 0o	1 0o	6 1o	16 2o	15 2o	6	6+	4	8-	
24	14	7	11	10	11	CC	5 1-	11 2-	9 1+	15 2o	12 2-	3 0+	6 1o	4 1-	8	9+	5	10-	
25	12	7	14	5	10	CC	19 2+	11 2-	17 2+	12 2-	4 1-	3 0+	2 0+	3 0+	9	10-	5	10o	
26	13	13	13	13	13	CC	12 2-	17 2+	18 2+	16 2o	10 1+	10 1+	12 2-	4 1-	12	13+	6	13-	
27	9	7	10	6	8	CC	12 2-	8 1+	11 2-	7 1o	2 0+	3 0+	4 1-	5 1-	7	8-	4	9-	
28	21	13	17	17	17	K	11 2-	20 2+	24 3-	13 2-	10 1+	26 3-	12 2-	8 1+	16	15+	9	17o	
29	7	5	5	7	6	CC *	8 1+	9 1+	3 0+	2 0+	2 0+	5 1-	5 1-	5 1-	5	6-	3	6-	
30	7	5	8	4	6	CC	17 2+	6 1o	5 1-	4 1-	2 0+	1 0o	2 0+	3 0+	5	6-	3	6o	
31	8	8	7	9	8	CC	4 1-	7 1o	7 1o	5 1-	5 1-	5 1-	8 1+	12 2-	7	8-	5	10o	

ROT DAY IN SOLAR ROTATION INTERVAL Three-hour indices Km(provisional) JUL 2014

2468

JUL

2469

JUL

ROT DAY IN SOLAR ROTATION INTERVAL Three-hour indices aa (logscale) JUL-SEP 2014

2468

JUL

2469

JUL

2470

AUG

2471

SEP