

FEDERATION DES SERVICES D'ANALYSE DE DONNEES ASTRONOMIQUES ET GEOPHYSIQUES  
 FEDERATION OF ASTRONOMICAL AND GEOPHYSICAL DATA ANALYSIS SERVICES  
 SERVICE INTERNATIONAL DES INDICES GEOMAGNETIQUES  
 INTERNATIONAL SERVICE OF GEOMAGNETIC INDICES



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*ISGI Publications Office Monthly Bulletin n°14-11 - November 2014*

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

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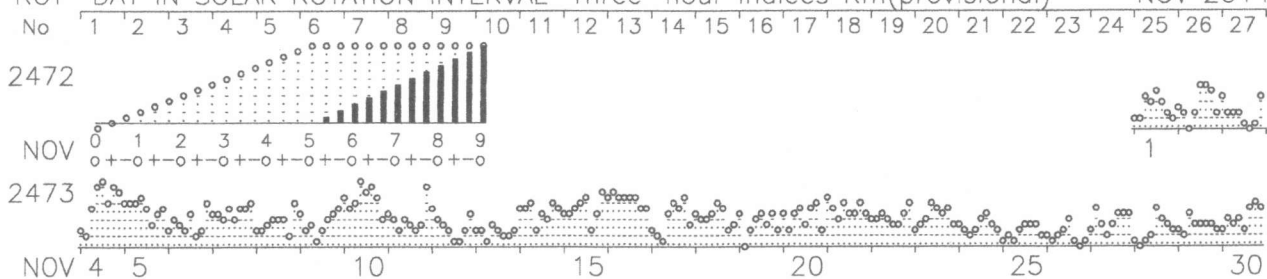
*Special thanks are due to contributors (quoted below) for providing the here published geomagnetic data within shortly possible delay.*

PRELIMINARY REPORT ON RAPID VARIATIONS	NOVEMBER 2014
<b>SSC - Storm Sudden Commencements</b>  01 07 05 A: none B: none C: WNG* NGK* VAL* DOU EBR SPT GUI S: LER* ESK* HAD*  10 02 21 A: NAG GUI B: LER ESK HAD EBR SPT C: NGK* VAL GCK MMB KAK KNY	<b>SFE - Solar Flare Effects</b>  None
REPORTING OBSERVATORIES (up to the 09 <sup>th</sup> of January 2015):	
SOD NUR LER ESK WNG NGK VAL HAD DOU HRB NAG GCK MMB EBR SPT KAK KNY GUI GNG CNB	

	FIVE INTERNATIONAL QUIETEST DAYS					FIVE INTERNATIONAL MOST DISTURBED DAYS				
<b>November 2014</b>	29	26	13	28	3	10	4	16	15*	5*

NOVEMBER 2014						Geomagnetic Indices (provisional)								Daily Average and Sum				
	aa				quiet days	am and Km for each three hour interval								Daily Average and Sum				
	N	S	am	pm		D	1	2	3	4	5	6	7	8	Am	Σ Km	Ap	Σ Kp
1	15	15	16	14	15	K	7 1o	6 1o	20 2+	15 2o	22 3-	15 2o	10 1+	7 1o	13	13+	7	13-
2	17	16	9	24	17		12 2-	9 1+	3 0+	10 1+	29 3o	29 3o	22 3-	8 1+	15	15-	8	14-
3	12	14	15	11	13	C *	19 2+	9 1+	8 1+	8 1+	5 1-	2 0+	4 1-	17 2+	9	10+	4	9-
4	48	38	23	63	43		8 1+	6 1o	26 3-	52 4o	62 4+	32 3o	51 4o	48 4-	36	24o	20	25o
5	29	37	42	24	33		30 3o	27 3o	28 3o	39 3+	26 3-	13 2-	19 2+	24 3-	26	22-	13	22o
6	20	16	15	21	18		8 1+	16 2o	12 2-	10 1+	17 2+	7 1o	9 1+	27 3o	13	14o	7	14+
7	21	20	21	20	21		20 2+	19 2+	15 2o	26 3-	15 2o	22 3-	21 3-	30 3o	21	20-	11	20+
8	21	16	14	23	19		8 1+	9 1+	11 2-	14 2o	16 2o	16 2o	7 1o	27 3o	14	14+	7	15o
9	26	13	14	26	20		19 2+	10 1+	13 2-	5 1-	9 1+	14 2o	20 2+	23 3-	14	14+	9	17o
10	43	47	49	42	45		35 3+	21 3-	30 3o	68 4+	41 4-	54 4o	36 3+	15 2o	38	26+	20	27+
11	25	26	21	30	26		18 2+	15 2o	8 1+	15 2o	13 2-	10 1+	13 2-	54 4o	18	16+	11	18+
12	16	10	17	9	13	K	25 3-	14 2o	11 2-	8 1+	5 1-	5 1-	8 1+	17 2+	12	13-	8	14-
13	10	8	10	8	9	C *	10 1+	10 1+	4 1-	12 2-	10 1+	6 1o	7 1o	9 1+	9	10-	4	8+
14	29	28	28	29	28		24 3-	24 3-	30 3o	9 1+	19 2+	15 2o	30 3o	25 3-	22	20-	12	20+
15	35	26	24	37	31		17 2+	20 2+	21 3-	30 3o	39 3+	10 1+	19 2+	45 4-	25	21o	16	23+
16	35	30	30	35	32		36 3+	41 4-	34 3+	36 3+	39 3+	40 3+	21 3-	23 3-	34	26-	20	27+
17	26	15	9	33	21		8 1+	6 1o	5 1-	18 2+	27 3o	26 3-	34 3+	13 2-	17	16o	10	18-
18	18	18	17	19	18		20 2+	15 2o	15 2o	18 2+	32 3o	23 3-	9 1+	11 2-	18	17+	10	18-
19	17	14	16	15	16		18 2+	3 0+	9 1+	15 2o	20 2+	12 2-	20 2+	8 1+	13	14-	8	14o
20	21	16	17	20	19		20 2+	8 1+	18 2+	26 3-	11 2-	21 3-	33 3o	10 1+	18	17+	10	18+
21	27	22	24	25	25		34 3+	26 3-	14 2o	28 3o	19 2+	20 2+	31 3o	18 2+	24	21o	12	21+
22	20	17	16	21	19		16 2o	14 2o	17 2+	15 2o	11 2-	11 2-	18 2+	27 3o	16	17o	9	16+
23	17	19	17	19	18		10 1+	12 2-	15 2o	28 3o	26 3-	18 2+	23 3-	12 2-	18	17+	8	17-
24	15	16	10	21	16		12 2-	10 1+	7 1o	8 1+	14 2o	18 2+	13 2-	8 1+	11	13-	6	13o
25	11	10	7	15	11	CK	5 1-	6 1o	5 1-	9 1+	12 2-	12 2-	13 2-	7 1o	9	10-	5	10-
26	8	10	8	10	9	CK *	6 1o	5 1-	7 1o	9 1+	15 2o	4 1-	2 0+	5 1-	7	8-	3	7o
27	15	24	19	20	19	K	8 1+	25 3-	13 2-	7 1o	13 2-	18 2+	18 2+	17 2+	15	15+	7	15-
28	7	14	6	15	11	CK *	5 1-	3 0+	4 1-	6 1o	24 3-	14 2o	11 2-	10 1+	10	10+	3	7-
29	8	16	12	12	12	C *	9 1+	6 1o	17 2+	11 2-	11 2-	11 2-	12 2-	10 1+	11	13-	4	8o
30	18	22	15	25	20		8 1+	14 2o	13 2-	15 2o	9 1+	24 3-	27 3o	21 3-	16	17-	8	15+

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



ROT DAY IN SOLAR ROTATION INTERVAL Three-hour indices aa (logscale) NOV 2014 - FEB 2015

