

International Association of Geomagnetism and Aeronomy
(International Service of Geomagnetic Indices)

Nowcast data for September 2018¹

Geomagnetic Planetary Indices

Day	Kp three-hourly								daily		
	1	2	3	4	5	6	7	8	Sum	Ap	Cp
1	1o ⁽¹²⁾	1- ⁽¹²⁾	0+ ⁽¹²⁾	0+ ⁽¹²⁾	1+ ⁽¹²⁾	1- ⁽¹²⁾	2- ⁽¹²⁾	1+ ⁽¹²⁾	7+	4	0.1
2	1+	2-	1o	0+	0+	1o	1+	2o	9o	4	0.2
3	1o ⁽¹²⁾	1+ ⁽¹²⁾	0+ ⁽¹²⁾	0+ ⁽¹²⁾	1- ⁽¹²⁾	1- ⁽¹²⁾	1- ⁽¹²⁾	2- ⁽¹²⁾	7-	4	0.1
4	2- ⁽¹²⁾	3- ⁽¹¹⁾	2+ ⁽¹¹⁾	1- ⁽¹²⁾	1-	1+	2o	3o	14+	8	0.4
5	3+	3-	1+	3-	3-	2-	1+	1o	17-	9	0.5
6	2o	1+	1+ ⁽¹²⁾	0+ ⁽¹²⁾	1- ⁽¹²⁾	1- ⁽¹²⁾	1o ⁽¹²⁾	2- ⁽¹²⁾	9o	4	0.2
7	2o ⁽¹²⁾	2- ⁽¹²⁾	1- ⁽¹²⁾	1- ⁽¹²⁾	1o ⁽¹²⁾	1o ⁽¹²⁾	0+ ⁽¹²⁾	1o ⁽¹²⁾	8+	4	0.1
8	1- ⁽¹²⁾	0o ⁽¹²⁾	2+ ⁽¹²⁾	1- ⁽¹²⁾	0+ ⁽¹²⁾	1o ⁽¹²⁾	1- ⁽¹²⁾	2o ⁽¹²⁾	8-	4	0.1
9	2o ⁽¹²⁾	1o ⁽¹²⁾	1o ⁽¹²⁾	0+ ⁽¹²⁾	1+ ⁽¹²⁾	1+ ⁽¹²⁾	2- ⁽¹²⁾	2+ ⁽¹²⁾	11o	5	0.2
10	0+ ⁽¹²⁾	0+ ⁽¹²⁾	1- ⁽¹²⁾	2+ ⁽¹²⁾	3- ⁽¹²⁾	5o	4+	5-	20+	18	1.0
11	3+	5-	5+	5+	3o	3-	3+	2+ ⁽¹²⁾	30o	28	1.2
12	2o	2-	1o	1+	1+ ⁽¹²⁾	2o ⁽¹²⁾	2o ⁽¹²⁾	4-	15o	8	0.4
13	4-	4-	3o	3+	3o	3o	2o	3-	24+	16	0.9
14	4+	4o	2o	2o ⁽¹²⁾	2o ⁽¹²⁾	2o	3- ⁽¹²⁾	2+ ⁽¹²⁾	21+	14	0.8
15	2+	2-	2o	2-	2o	1o	1-	2+	14-	6	0.3
16	1+	2o ⁽¹²⁾	1o ⁽¹²⁾	1+	1-	0o	1o	2o	9+	4	0.2
17	3o	2+ ⁽¹²⁾	2-	2- ⁽¹²⁾	2- ⁽¹²⁾	2+ ⁽¹²⁾	2+ ⁽¹²⁾	3- ⁽¹²⁾	18-	9	0.5
18	2+ ⁽¹²⁾	2- ⁽¹²⁾	2- ⁽¹²⁾	2o ⁽¹²⁾	1- ⁽¹²⁾	1- ⁽¹²⁾	1- ⁽¹²⁾	1+ ⁽¹²⁾	11o	5	0.2
19	1o ⁽¹²⁾	2+ ⁽¹²⁾	1+ ⁽¹²⁾	1- ⁽¹²⁾	0+ ⁽¹²⁾	1- ⁽¹²⁾	0o ⁽¹²⁾	0+ ⁽¹²⁾	7-	4	0.1
20	0+ ⁽¹²⁾	0o ⁽¹²⁾	0+ ⁽¹²⁾	0+ ⁽¹²⁾	0+ ⁽¹²⁾	0o	0o	0o	1+	1	0.0
21	0+ ⁽¹²⁾	1-	0+	1-	1-	1o	2- ⁽¹²⁾	4o ⁽¹²⁾	9+	6	0.3
22	4+	4-	3o	4-	4o	3-	4-	3+	28+	21	1.1
23	3+	2+	2-	2+ ⁽¹²⁾	2+ ⁽¹²⁾	2o	2o	2+	18+	9	0.5
24	2+	2+ ⁽¹²⁾	1+ ⁽¹²⁾	2- ⁽¹²⁾	1o	1- ⁽¹²⁾	2- ⁽¹²⁾	2- ⁽¹²⁾	13-	6	0.3
25	2+	2+	1o	2+	3-	2o	2+	3- ⁽¹²⁾	18-	9	0.5
26	1o	1+	2o	1-	1+	2o	1o	3- ⁽¹²⁾	12o	6	0.3
27	1+	2o	1+	2o	2-	0+	0+	2+	11+	5	0.2
28	3o ⁽¹²⁾	3- ⁽¹²⁾	3-	1-	0+ ⁽¹²⁾	0+	0+	2- ⁽¹²⁾	12-	7	0.3
29	2o ⁽¹²⁾	3- ⁽⁹⁾	2+ ⁽⁹⁾	3- ⁽¹⁰⁾	2+ ⁽¹⁰⁾	2- ⁽¹⁰⁾	1+ ⁽¹⁰⁾	3o ⁽⁹⁾	18o	9	0.5
30	2- ⁽¹⁰⁾	3- ⁽¹⁰⁾	0+ ⁽¹⁰⁾	1- ⁽¹⁰⁾	1o ⁽¹⁰⁾	1- ⁽¹⁰⁾	2- ⁽¹⁰⁾	2- ⁽⁹⁾	10+	5	0.2
									Mean	8	0.39

Note: If not the complete data from all 13 observatories could be used in the calculation, the number of already included observatories is given in parentheses.

Editor: GFZ German Research Centre for Geosciences
Adolf Schmidt Observatory for Geomagnetism
<https://www.gfz-potsdam.de/en/kp-index/>

¹Last update: 03:15:53 UTC, October 1, 2018.