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Product: Daily Forecast of Geomagnetic Activity
Issued: 2025 March 11 05:08UTC
Prepared by the Athens Space Weather Forecasting Center
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**I. Solar activity**
*--Current Status*
Solar Flux (10.7cm) measured on 10.03.2025 at 23:00 UTC was 149 sfu.
The background X-Ray flux is at the class A0.0 level.
No obviously Earth directed CMEs were observed in available LASCO imagery on March 08-10.
An equatorial coronal hole (CH1274) was Earth facing on March 05-07.
A coronal hole (CH1275) at southern hemisphere rotated across the central meridian on March 09-10.

**II. Solar Energetic Particle Events**
Protons and electrons fluxes are quiet.

**III. Interplanetary and Geomagnetic conditions**
The solar wind speed measured by ACE satellite reached the max value 615 Km/s on March 10 at 06:25 UT during the last 24 hours.
The solar wind speed from STEREO A was detected 400 Km/s during the last 24 hours.
The vertical component of IMF Bz reached the max value -4 nT on March 10 at 14:00 UT during the last 24 hours.
The geomagnetic field was at quiet to unsettled levels during the last 24 hours.
The Kp index now is at quiet levels with Kp=2.

**IV. 3-day Geomagnetic Activity Forecast**
The geomagnetic field is expected to be at quiet to active levels on March 11-13 due to the effects of a recurrent coronal hole high speed streams.

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| **Date** | **Ap index forecast** | **Geomagnetic Activity level** |
| 11.03.2025 | 12 | Quiet to Active |
| 12.03.2025 | 18 | Quiet to Active |
| 13.03.2025 | 15 | Quiet to Active |

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