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Product: Daily Forecast of Geomagnetic Activity
Issued: 2025 March 25 06:22UTC
Prepared by the Athens Space Weather Forecasting Center
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**I. Solar activity**
*--Current Status*
Solar Flux (10.7cm) measured on 24.03.2025 at 23:00 UTC was 156 sfu.
The background X-Ray flux is at the class C1.1 level.
No obviously Earth directed CMEs were observed in available LASCO imagery on March 22-23.
A small equatorial coronal hole (CH1277) rotated across the central meridian on March 19.
A coronal hole (CH1278) at southern hemisphere rotated into an Earth facing position on March 23-24.
A large coronal hole (CH1279) at southern hemisphere was Earth facing on March 21-24.

**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 434 Km/s on March 24 at 06:55 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 -9 nT on March 24 at 09:55 UT during the last 24 hours.
The geomagnetic field was at quiet to active 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 minor storm (G1) levels on March 25-26 due to the effects of the coronal hole (CH1279) high speed streams and at quiet to active levels on March 27.

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| **Date** | **Ap index forecast** | **Geomagnetic Activity level** |
| 25.03.2025 | 30 | Quiet to Minor Storm (G1) |
| 26.03.2025 | 22 | Quiet to Minor Storm (G1) |
| 27.03.2025 | 15 | Quiet to Active |

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