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Product: Daily Forecast of Geomagnetic Activity
Issued: 2025 March 26 06:40UTC
Prepared by the Athens Space Weather Forecasting Center
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**I. Solar activity**
*--Current Status*
Solar Flux (10.7cm) measured on 25.03.2025 at 23:00 UTC was 156 sfu.
The background X-Ray flux is at the class C1.3 level.
No obviously Earth directed CMEs were observed in available LASCO imagery on March 22-24.
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 will be Earth facing on March 21-26.
A coronal hole (CH1280) at northern hemisphere will rotate across the central meridian on March 25-27.

**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 395 Km/s on March 25 at 20:35 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 -8 nT on March 25 at 15:45 UT during the last 24 hours.
The geomagnetic field was at quiet to minor storm (G1) levels during the last 24 hours.
The Kp index now is at active levels with Kp=4.

**IV. 3-day Geomagnetic Activity Forecast**
The geomagnetic field is expected to be at quiet to minor storm (G1) levels on March 26-28 due to the effects of the coronal holes high speed streams.

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| **Date** | **Ap index forecast** | **Geomagnetic Activity level** |
| 26.03.2025 | 30 | Quiet to Minor Storm (G1) |
| 27.03.2025 | 25 | Quiet to Minor Storm (G1) |
| 28.03.2025 | 15 | Quiet to Minor Storm (G1) |

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