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Product: Daily Forecast of Geomagnetic Activity
Issued: 2025 July 07 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 06.07.2025 at 23:00 UTC was 118 sfu.
The background X-Ray flux is at the class B9.0 level.
No obviously Earth directed CMEs were observed in available LASCO imagery on July 03-05.
A coronal hole (CH1304) at southern hemisphere rotated into an Earth facing position on June 29 - July 04.
A small equatorial coronal hole (CH1305) rotated across the central meridian on July 05.

**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 518 Km/s on July 07 at 04:45 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 -11 nT on July 06 at 22:20 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 July 07 and at quiet to unsettled levels on July 08-09.

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| **Date** | **Ap index forecast** | **Geomagnetic Activity level** |
| 07.07.2025 | 15 | Quiet to Minor storm (G1) |
| 08.07.2025 | 08 | Quiet to Unsettled |
| 09.07.2025 | 06 | Quiet to Unsettled |

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