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Product: Daily Forecast of Geomagnetic Activity
Issued: 2025 June 08 05:50UTC
Prepared by the Athens Space Weather Forecasting Center
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**I. Solar activity**
*--Current Status*
Solar Flux (10.7cm) measured on 07.06.2025 at 23:00 UTC was 121 sfu. The background X-Ray flux is at the class B6.2 level. No obviously Earth directed CMEs were observed in available LASCO imagery on June 04-06. A coronal hole (CH1299) at southern hemisphere was Earth facing on June 02-05.

**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 454 Km/s on June 08 at 01:55 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 -10 nT on June 07 at 18:50 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 quiet levels with Kp=2.

**IV. 3-day Geomagnetic Activity Forecast**
The geomagnetic field is expected to be at quiet to active levels on June 08-10.

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| **Date** | **Ap index forecast** | **Geomagnetic Activity level** |
| 08.06.2025 | 15 | Quiet to Active |
| 09.06.2025 | 12 | Quiet to Active |
| 10.06.2025 | 12 | Quiet to Active |

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