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Product: Daily Forecast of Geomagnetic Activity
Issued: 2025 June 07 05:33UTC
Prepared by the Athens Space Weather Forecasting Center
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**I. Solar activity**
*--Current Status*
Solar Flux (10.7cm) measured on 06.06.2025 at 23:00 UTC was 128 sfu.
The background X-Ray flux is at the class B6.9 level.
No obviously Earth directed CMEs were observed in available LASCO imagery on June 04-05.
A coronal hole (CH1299) at southern hemisphere was Earth facing on June 02-05.

**II. Solar Energetic Particle Events**
Protons fluxes are quiet.
The greater than 2 MeV electron flux at geosynchronous orbit was at minor storm levels.

**III. Interplanetary and Geomagnetic conditions**
The solar wind speed measured by ACE satellite reached the max value 472 Km/s on June 06 at 12:05 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 -6 nT on June 07 at 04:25 UT during the last 24 hours.
The geomagnetic field was at quiet 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 07 and at quiet to unsettled levels on June 08-09.

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| **Date** | **Ap index forecast** | **Geomagnetic Activity level** |
| 07.06.2025 | 15 | Quiet to Active |
| 08.06.2025 | 10 | Quiet to Unsettled |
| 09.06.2025 | 08 | Quiet to Unsettled |

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