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Product: Daily Forecast of Geomagnetic Activity
Issued: 2025 June 27 05:18UTC
Prepared by the Athens Space Weather Forecasting Center
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**I. Solar activity**
*--Current Status*
Solar Flux (10.7cm) measured on 26.06.2025 at 23:00 UTC was 117 sfu.
The background X-Ray flux is at the class B5.9 level.
No obviously Earth directed CMEs were observed in available LASCO imagery on June 23-25.
A large equatorial coronal hole (CH1302) rotated across the central meridian on June 22-25.

**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 817 Km/s on June 26 at 10:05 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 -9 nT on June 26 at 11:40 UT during the last 24 hours.
The geomagnetic field was at unsettled to minor storm (G1) levels during the last 24 hours.
The Kp index now is at minor storm (G1) levels with Kp=5.

**IV. 3-day Geomagnetic Activity Forecast**
The geomagnetic field is expected to be at quiet to minor storm (G1) levels on June 27 due to recurrent coronal high speed stream, at quiet to active levels on June 28 and at quiet to unsettled levels on June 29.

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| **Date** | **Ap index forecast** | **Geomagnetic Activity level** |
| 27.06.2025 | 25 | Quiet to minor storm (G1) |
| 28.06.2025 | 15 | Quiet to Active |
| 29.06.2025 | 10 | Quiet to Unsettled |

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