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Product: Daily Forecast of Geomagnetic Activity
Issued: 2025 June 28 11:33UTC
Prepared by the Athens Space Weather Forecasting Center
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**I. Solar activity**
*--Current Status*
Solar Flux (10.7cm) measured on 27.06.2025 at 23:00 UTC was 118 sfu.
The background X-Ray flux is at the class B5.2 level.
No obviously Earth directed CMEs were observed in available LASCO imagery on June 25-27.
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 741 Km/s on June 27 at 11:30 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 -3 nT on June 27 at 23:35 UT during the last 24 hours.
The geomagnetic field was at quiet to active levels during the last 24 hours.
The Kp index now is at unsettled levels with Kp=3.

**IV. 3-day Geomagnetic Activity Forecast**
The geomagnetic field is expected to be at quiet to active levels on June 28 and at quiet to unsettled levels on June 29-30.

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| **Date** | **Ap index forecast** | **Geomagnetic Activity level** |
| 28.06.2025 | 15 | Quiet to Active |
| 29.06.2025 | 08 | Quiet to Unsettled |
| 30.06.2025 | 08 | Quiet to Unsettled |

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