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Product: Daily Forecast of Geomagnetic Activity
Issued: 2025 July 08 05:13UTC
Prepared by the Athens Space Weather Forecasting Center
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**I. Solar activity**
*--Current Status*
Solar Flux (10.7cm) measured on 07.07.2025 at 23:00 UTC was 118 sfu.
The background X-Ray flux is at the class C3.7 level.
No obviously Earth directed CMEs were observed in available LASCO imagery on July 04-06.
A small equatorial coronal hole (CH1305) rotated across the central meridian on July 05.
A coronal hole (CH1306) at southern hemisphere will likely become Earth facing on July 08-11.

**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 624 Km/s on July 07 at 20:35 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 -8 nT on July 08 at 03:50 UT during the last 24 hours.
The geomagnetic field was at unsettled 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 unsettled levels on July 08 and at quiet levels on July 09-10.

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| **Date** | **Ap index forecast** | **Geomagnetic Activity level** |
| 08.07.2025 | 10 | Quiet to Unsettled |
| 09.07.2025 | 05 | Quiet |
| 10.07.2025 | 05 | Quiet |

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