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Product: Daily Forecast of Geomagnetic Activity  
Issued: 2025 July 04 18:35UTC  
Prepared by the Athens Space Weather Forecasting Center  
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**I. Solar activity**  
*--Current Status*  
Solar Flux (10.7cm) measured on 03.07.2025 at 23:00 UTC was 125 sfu.  
The background X-Ray flux is at the class B5.5 level.  
No obviously Earth directed CMEs were observed in available LASCO imagery on June 30-July 02.  
A coronal hole (CH1304) at southern hemisphere will rotate into an Earth facing position on June 29 - July 04.  
  
**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 383 Km/s on July 04 at 15:50 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 July 03 at 22:05 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 quiet levels with Kp=1.  
  
**IV. 3-day Geomagnetic Activity Forecast**  
The geomagnetic field is expected to be at quiet to unsettled levels on July 04-06.

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| **Date** | **Ap index forecast** | **Geomagnetic Activity level** |
| 04.07.2025 | 10 | Quiet to Unsettled |
| 05.07.2025 | 08 | Quiet to Unsettled |
| 06.07.2025 | 08 | Quiet to Unsettled |

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