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Product: Daily Forecast of Geomagnetic Activity  
Issued: 2025 June 19 05:35UTC  
Prepared by the Athens Space Weather Forecasting Center  
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**I. Solar activity**  
*--Current Status*  
Solar Flux (10.7cm) measured on 18.06.2025 at 23:00 UTC was 137 sfu.  
The background X-Ray flux is at the class C2.1 level.  
No obviously Earth directed CMEs were observed in available LASCO imagery on June 16-18.  
A coronal hole (CH1301) at southern hemisphere will be Earth facing on June 11-19.  
  
**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 589 Km/s on June 19 at 00:00 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 June 18 at 21:30 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 19-21.

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| **Date** | **Ap index forecast** | **Geomagnetic Activity level** |
| 19.06.2025 | 12 | Quiet to Active |
| 20.06.2025 | 12 | Quiet to Active |
| 21.06.2025 | 10 | Quiet to Active |

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