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Product: Daily Forecast of Geomagnetic Activity  
Issued: 2024 August 26 07:39UTC  
Prepared by the Athens Space Weather Forecasting Center  
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**I. Solar activity**  
*--Current Status*  
Solar Flux (10.7cm) measured on 25.08.2024 at 23:00 UTC was 233 sfu.  
The background X-Ray flux is at the class C5.6 level.  
No obviously Earth directed CMEs were observed in available LASCO imagery on August 20-22.  
---CME arrival forecast  
A faint partial halo CME was observed on August 23 at 02:00 UT. This CME could reach Earth on August 26 between at 06:04 UT and at 20:57 UT according to EAM predictions.  
  
**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 355 Km/s on August 25 at 08:00 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 -4 nT on August 25 at 20:00 UT during the last 24 hours.  
The geomagnetic field was at quiet to unsettled 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 August 26 and 28 and at quiet to active levels on August 27.

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| **Date** | **Ap index forecast** | **Geomagnetic Activity level** |
| 26.08.2024 | 07 | Quiet to Unsettled |
| 27.08.2024 | 12 | Quiet to Active |
| 28.08.2024 | 08 | Quiet to Unsettled |

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