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Product: Daily Forecast of Geomagnetic Activity
Issued: 2024 November 26 09:47UTC
Prepared by the Athens Space Weather Forecasting Center
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**I. Solar activity**
*--Current Status*
Solar Flux (10.7cm) measured on 25.11.2024 at 23:00 UTC was 220 sfu.
The background X-Ray flux is at the class C1.9 level.
Seven M-class solar flares were produced on November 25 and the largest was a M9.4 flare.
No obviously Earth directed CMEs were observed in available LASCO imagery on November 23-24.
A coronal hole (CH1257) at southern hemisphere was Earth facing on November 19-20.

**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 443 Km/s on November 25 at 10:50 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 -7 nT on November 25 at 13:30 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 November 26 and at quiet levels on November 27-28.

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| **Date** | **Ap index forecast** | **Geomagnetic Activity level** |
| 26.11.2024 | 07 | Quiet to Unsettled |
| 27.11.2024 | 05 | Quiet |
| 28.11.2024 | 05 | Quiet |

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