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Product: Daily Forecast of Geomagnetic Activity
Issued: 2024 June 26 07:33UTC
Prepared by the Athens Space Weather Forecasting Center
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**I. Solar activity**
*--Current Status*
Solar Flux (10.7cm) measured on 25.06.2024 at 23:00 UTC was 194 sfu.
The background X-Ray flux is at the class C2.0 level.
AR3727 erupted on June 25 at 12:45 UT peak time producing a M1.0 class solar flare and a radio blackout of category R1.
No obviously Earth directed CMEs were observed in available LASCO imagery on June 22-24.

**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 365 Km/s on June 26 at 01:20 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 June 26 at 06:30 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=2.

**IV. 3-day Geomagnetic Activity Forecast**
The geomagnetic field is expected to be at quiet levels on June 26-28.

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| **Date** | **Ap index forecast** | **Geomagnetic Activity level** |
| 26.06.2024 | 05 | Quiet |
| 27.06.2024 | 05 | Quiet |
| 28.06.2024 | 05 | Quiet |

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