



# SPACE WEATHER REPORT

## SPRINGFIELD-GREENE COUNTY OFFICE OF EMERGENCY MANAGEMENT

### Emergency Operations Center Partner Agencies

11/12/2025 | 0845 hrs

Hazard Event #: 25-062

#### Update:

G3 (Strong) geomagnetic storming continues; A G4 (Severe) Geomagnetic Storm Warning is in effect for November 12<sup>th</sup>.

#### Current Watches/Warnings:

G4 (Severe) Geomagnetic Storm  
Warning for 12 November 2025



### SCALES

#### Geomagnetic Storm



#### Radio Blackouts



#### Solar Radiation Storms



NOAA Space Weather Scale descriptions can be found at: <https://www.swpc.noaa.gov/noaa-scales-explanation>

### HAZARDS EXPECTED

**Areas Affected:** Area of impact primarily poleward for 45 degrees Geomagnetic Latitude.

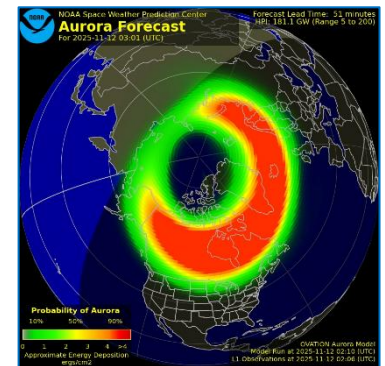
**Induced Currents:** Possible widespread voltage control problems and some protective systems may mistakenly trip out key assets from the power grid. Induced pipeline currents intensify.

**Spacecraft:** Possible widespread voltage control problems and some protective systems may mistakenly trip out key assets from the power grid. Induced pipeline currents intensify.

**Navigation:** Satellite navigation (GPS) degraded or inoperable for hours.

**Radio:** HF (high frequency) radio propagation sporadic or blacked out.

**Aurora:** Aurora may be seen as low as Alabama and northern California.



### DISCUSSION

G1-G4 (Minor-Strong) geomagnetic storm levels, with a chance for G5 (Extreme), are expected on 12 Nov due to continued influence from a CME that left the Sun on 10 Nov and the anticipated onset of a CME that left the Sun on 11 Nov. G1-G3 (Minor-Strong) storm levels are likely to continue into 13 Nov as CME activity persists. Unsettled to G1 (Minor) levels are likely on 14 Nov as activity wanes.

### EMERGENCY MANAGEMENT ISSUES

The Office of Emergency Management will continue to monitor this issue. If partner agencies experience issues that could be related to the watch, such as power spikes and communications outages (including loss of GPS signals), please call the OEM Watch Officer at (417) 413-1346.

### OEM ONLINE



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MoDOT Traveler  
Info Map



Ozarks Traffic