

## **I. SPACE WEATHER NOW**

Space Weather activities based on NOAA scales as of **00:23 UTC 24 July 2017:**

ACTIVITY	PAST 24 HOURS	CURRENT
Geomagnetic Storms	None	None
Solar Radiation Storms	None	None
Radio Blackouts	None	None

### **Geomagnetic Storms**

- Disturbances in the geomagnetic field caused by gusts in the solar wind that blows by earth.

### **Solar Radiation Storms**

- Elevated levels of radiation that occur when the numbers of energetic particles increase.

### **Radio Blackout**

- Disturbances of the ionosphere caused by X-ray emissions from the Sun.

## **II. SPACE WEATHER FORECAST**

3-day Solar-Geophysical Forecast issued **22:00 UTC 23 July 2017:**

ACTIVITY	FORECAST
Solar	Solar activity is expected to be very low on days one, two, and three (24 Jul, 25 Jul, 26 Jul).
Geophysical	The geomagnetic field is expected to be at quiet to unsettled levels on day one (24 Jul) and quiet levels on days two and three (25 Jul, 26 Jul).

**Source: The U.S. Dept. of Commerce, NOAA, Space Weather Prediction Center**