

Auroras – How & Why

1. Define each of the following terms and discuss its relationship to auroras.

Solar flare

CME

Sunspot

Ionosphere

Magnetosphere

Solar Wind

2. Go the website <http://www.spaceweather.com/> How active is the sun today? Will there be any auroras tonight?

3. For each of the following pictures, discuss the different colors in the aurora and what the colors indicate.

