

Space Weather Web Quest

NASA Space Place



Go to this website about Space Weather: <https://spaceplace.nasa.gov/spaceweather/en/>
This NASA website gives up-to-date information on what is happening on the sun as well as the weather in space.

Read each section and answer the questions related to that section.

What Is Space Weather?

1. How far away from the Earth is the Sun?
2. What types of damage can space weather do?

How can space weather travel all the way to Earth?

3. What do we call the gas and particles that the Sun "spews" into space?
4. What is the name for the Sun's hot outer atmosphere, which is where the gas and particles come from?

What protects us from space weather?

5. Explain how the magnetic field and atmosphere protect Earth.
6. What causes auroras?

Can space weather be harmful?

7. What happens during solar storms?



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8. How can radiation from solar storms be dangerous?

Do we have any warnings of bad space weather?

9. Do scientists make predictions about solar storms? Explain.

10. Give an example of an agency and what they do to monitor space weather.

You Choose!

On the right side of the page, there are more items you can click on to learn more about the Sun and about Space Weather! (What is the Sun's corona, Sunspots and Solar Flares, etc.)

Choose 1: _____

Give a summary of what you learned:
