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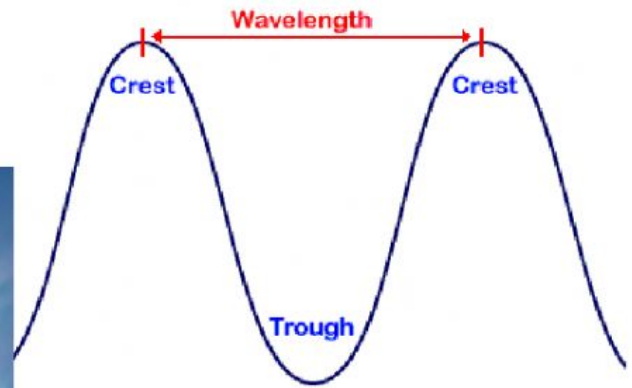
Earth on Energy Solar about Worksheet الملف

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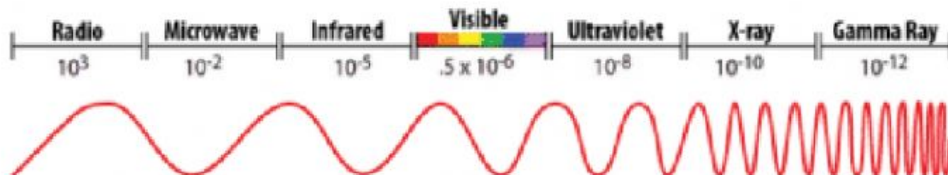
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10.10 Solar Energy on Earth



Types of Radiation



Radio waves have the longest wavelengths. They also have the least amount of energy. They can reach Earth's surface from the sun.

Visible light is the only light that humans can see. Visible light with different wavelengths is different colors.

Ultraviolet (UV) light has wavelengths too short for humans to see. UV light is harmful to life. The atmosphere absorbs most of the UV light from the sun.

Gamma rays have the highest energy. They are the most damaging rays. They don't penetrate Earth's atmosphere.

1. What is the electromagnetic spectrum?
2. Which waves have the longest wavelengths?
3. What has the shortest wavelengths?
4. Why is the visible spectrum important?
5. Stars are far away yet astronomers can tell when they are made of hydrogen. How?

