**Videos 14K - Albedo Name**



Ex – Sunlight of intensity 1030 Wm-2 shines on a solar heater with an albedo of 6.20 % (0.0620)

What is the reflected intensity? What is the absorbed intensity?

What is the power absorbed if the heater has a surface area of 16 m2?

Try these:

On a day when the solar radiation is 980. W/m2, how much power per square meter is reflected off into space from the **oceans**? How much is absorbed?

98.0 Wm-2 reflected, 882 Wm-2 absorbed

Do the same calculation for **fresh snow**. 833 Wm-2 reflected, 147 Wm-2 absorbed