

Transparency Worksheet

Absorbed Solar Radiation

These maps show the total amount of solar radiation that is absorbed by Earth in January and July. Use the maps to answer the questions below.

1. Using a Key In January, which region has the highest amount of absorbed solar radiation?

2. Using a Key In July, which region has the highest amount of absorbed solar radiation?

3. Comparing Areas Which area has the greatest difference between the amount of absorbed solar radiation in January and the amount in July: southern Australia or northeastern South America?

4. Analyzing Data At which latitudes are January's and July's amounts of absorbed solar radiation similar?

3. Inferring Relationships How do these maps explain the differences between the Northern Hemisphere's weather in January and its weather in July?
