

Name _____

Land Map

0507.8.2 Use land maps to demonstrate how mountain ranges affect weather and climate.



1. Show the mountain ranges on this land map with brown.
2. Show the oceans with blue.
3. Draw arrows showing a hurricane touching land on the East Coast and the West Coast.

When a hurricane weather system meets a large land mass, such as mountains, it can cause quite a change in the weather. As the hurricane moves onshore, its rotation slows down when it encounters an object such as mountains. Also, mountains can force a low pressure system to move upward and spread, which lessens the strength of the system.