

Chapter 2

Utah's Geologic History

Essential Question:

How do natural forces shape the environment and landscape?



Chapter 2

How did natural forces shape the environment long ago?



Chapter 2

How did natural forces shape the environment long ago?

- Ancient seas and sandstorms formed our Utah environment.



Chapter 2

How did natural forces shape the environment long ago?

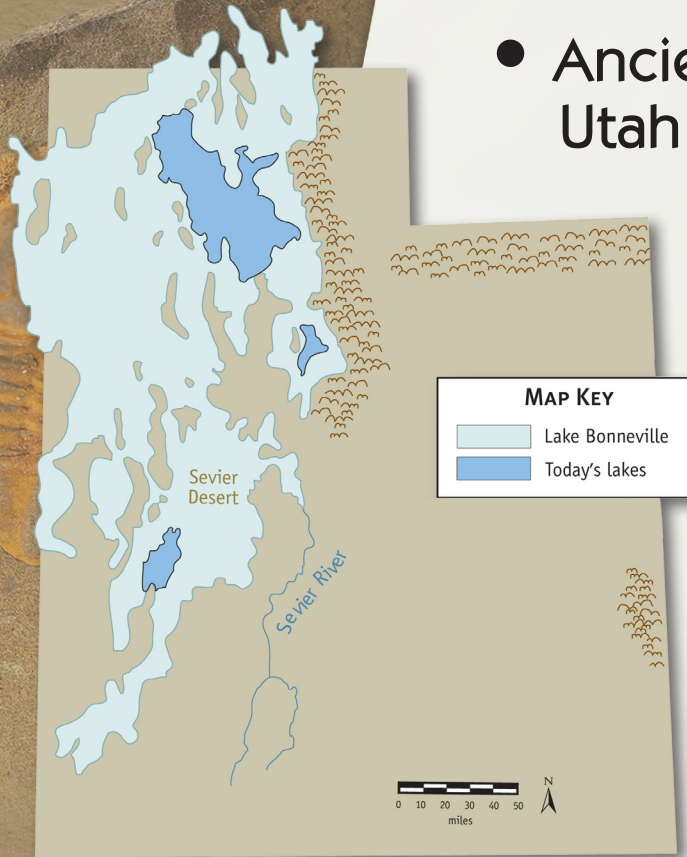
- Ancient seas and sandstorms formed our Utah environment.
- As shallow seas washed away, desert sands compressed into high mountains of sandstone.



Chapter 2

How did natural forces shape the environment long ago?

- Ancient seas and sandstorms formed our Utah environment.
- As shallow seas washed away, desert sands compressed into high mountains of sandstone.
- After the Ice Age ended, the glaciers melted, forming Lake Bonneville.



Chapter 2

How did natural forces shape Utah's mountains and plateaus?



Chapter 2

How did natural forces shape Utah's mountains and plateaus?

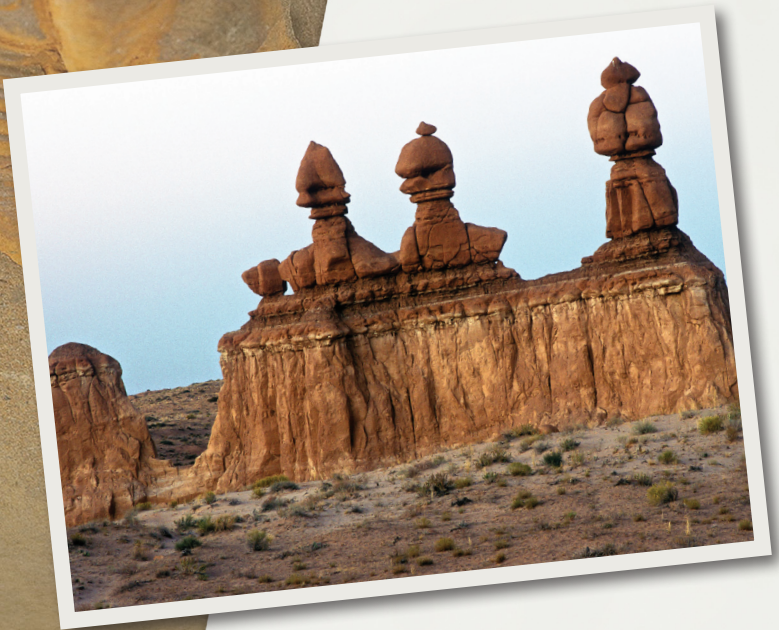
- Pressure from both the Atlantic and the Pacific Oceans caused parts of North America to form great peaks, including the Rocky Mountains.



Chapter 2

How did natural forces shape Utah's mountains and plateaus?

- Pressure from both the Atlantic and the Pacific Oceans caused parts of North America to form great peaks, including the Rocky Mountains.
- Water and wind caused erosion that cut beautiful cliffs and canyons in the rock.



Chapter 2

How did natural forces shape Utah's mountains and plateaus?

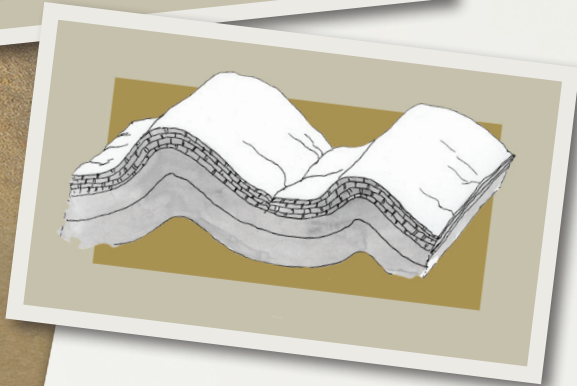
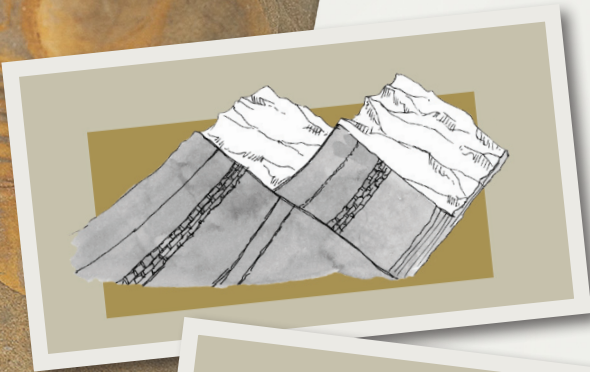
- Pressure from both the Atlantic and the Pacific Oceans caused parts of North America to form great peaks, including the Rocky Mountains.
- Water and wind caused erosion that cut beautiful cliffs and canyons in the rock.
- Faults, or cracks, formed at weak spots in the Earth's crust.



Chapter 2

How did natural forces shape Utah's mountains and plateaus?

- Pressure from both the Atlantic and the Pacific Oceans caused parts of North America to form great peaks, including the Rocky Mountains.
- Water and wind caused erosion that cut beautiful cliffs and canyons in the rock.
- Faults, or cracks, formed at weak spots in the Earth's crust.
- Underground volcanic activity also caused some parts of the land to rise up to form mountains in southern Utah.



Chapter 2

How do natural forces affect the environment today?



Chapter 2

How do natural forces affect the environment today?

- Erosion, caused by wind, water, ice, and cold, continues to affect the environment.



Chapter 2

How do natural forces affect the environment today?

- Erosion, caused by wind, water, ice, and cold, continues to affect the environment.
- Mud slides, rock slides, floods, and earthquakes are evidence that the Earth is still changing.



Chapter 2

Let's Review

How do natural forces shape the environment and landscape?



Let's Review

How do natural forces shape the environment and landscape?

- Ancient seas and sandstorms helped form our environment.



Let's Review

How do natural forces shape the environment and landscape?

- Ancient seas and sandstorms helped form our environment.
- Pressure from oceans and volcanic activity formed the mountains.



Let's Review

How do natural forces shape the environment and landscape?

- Ancient seas and sandstorms helped form our environment.
- Pressure from oceans and volcanic activity formed the mountains.
- Erosion cut cliffs and canyons.



Let's Review

How do natural forces shape the environment and landscape?

- Ancient seas and sandstorms helped form our environment.
- Pressure from oceans and volcanic activity formed the mountains.
- Erosion cut cliffs and canyons.
- Erosion, mud slides, floods, and earthquakes continue to shape our environment.