MOUNT WHITNEY

MOUNT ST. HELENS

MOUNT KILIMANJARO

MOUNT EVEREST
### MOUNT ST. HELENS

**Location:** Washington State  
**Latitude/Longitude:** 46.191° N, 122.194° W  
**Mountain Range:** Cascade Range  
**Mountain Type:** Volcano  
**Elevation:** 2,550 meters  
**Age:** 40,000 years  
**Rock Types:** Igneous (extrusive)  
**Other Information:** In March 1831, Meredith Gairdner, who worked for the Hudson Bay Company, was the first person to write an account of an eruption. Mount St. Helens erupted violently on May 18, 1980, killing 57 humans and many other animals, as well as dramatically changing the landscape around the volcano.

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### MOUNT EVEREST

**Location:** Nepal  
**Latitude/Longitude:** 27.989° N, 86.925° E  
**Mountain Range:** Himalayas  
**Mountain Type:** Fold  
**Elevation:** 8,850 meters  
**Age:** 60 million years  
**Rock Types:** Sedimentary, metamorphic  
**Other Information:** The first people to reach Everest's summit were New Zealander Edmund Hillary and Tenzing Norgay, a Sherpa climber, on May 29, 1953. Everest was given its English name after Sir George Everest, a Welsh surveyor, geographer, and surveyor-general of India from 1830 to 1843. It has been known for centuries in Tibet as Chomolungma.

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### MOUNT KILIMANJARO

**Location:** Tanzania  
**Latitude/Longitude:** 3.076° S, 37.353° E  
**Mountain Range:** East African Rift Zone  
**Mountain Type:** Volcano  
**Elevation:** 5,893 meters  
**Age:** 1 million years  
**Rock Types:** Igneous (extrusive)  
**Other Information:** Kilimanjaro is the fourth highest mountain in the world. A huge ice cap used to cover Kilimanjaro's peak, but most of it has melted since about 1912.

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### MOUNT WHITNEY

**Location:** California  
**Latitude/Longitude:** 36.579° N, 118.292° W  
**Mountain Range:** Sierra Nevada  
**Mountain Type:** Fault block  
**Elevation:** 4,421 meters  
**Age:** 90 million years  
**Rock Types:** Igneous (intrusive)  
**Other Information:** Mount Whitney is the highest mountain in the continental United States. Its eastern slope is steeper than its western slope. It has a flat area for a peak, not the usual point.

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ASCENSIÓN
Location: Central Atlantic Ocean
Latitude/Longitude: 7.933° S, 14.367° W
Mountain Range: Mid-Atlantic Ridge
Mountain Type: Volcano
Elevation: 858 meters
Age: 12,000 years
Rock Types: Igneous (extrusive)
Other Information: The volcanic peak rises just to the west of the Mid-Atlantic Ridge. The island formed by the volcano has 44 dormant craters.

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AXIAL SEAMOUNT
Location: Pacific Ocean, near Oregon
Latitude/Longitude: 46.060° N, 130.000° W
Mountain Range: Juan de Fuca Ridge
Mountain Type: Submarine volcano
Elevation: 700 meters above seafloor
Age: Recent (2011 eruption)
Rock Types: Igneous (extrusive)
Other Information: Vents of hot water near the volcano support communities of aquatic organisms, including sea spiders, tube worms, and bacterial mats.

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OLD RAG MOUNTAIN
Location: Virginia
Latitude/Longitude: 38.552° N, 78.315° W
Mountain Range: Blue Ridge Mountains
Mountain Type: Fold
Elevation: 1,001 meters
Age: 2,350 million years
Rock Types: Igneous (intrusive), metamorphic
Other Information: Old Rag Mountain formed during the Alleghenian Orogeny, when the North American and African Plates collided. The collision pushed the rocks upward to form the mountain.

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MAUNA KEA
Location: Hawaii
Latitude/Longitude: 19.821° N, 155.468° W
Mountain Range: Hawaiian–Emperor seamount chain
Mountain Type: Volcano
Elevation: 4,207 meters (9,100 meters above the seafloor)
Age: 250,000 years
Rock Types: Igneous (extrusive)
Other Information: Mauna Kea is the tallest mountain in the world when its elevation is measured from the seafloor. Its name means “white mountain.” A snowpack can occur on its peak during cold and wet winters.

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**MOUNT MORAN**

**Location:** Wyoming  
**Latitude/Longitude:** 43.835° N, 110.776° W  
**Mountain Range:** Teton Range  
**Mountain Type:** Fault block  
**Elevation:** 3,842 meters  
**Age:** 9 million years  
**Rock Types:** Igneous (intrusive and extrusive), metamorphic, also sedimentary  
**Other Information:** Mount Moran's face is marked by a distinctive basalt intrusion known as the Black Dike.

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**MOUNT RUSHMORE**

**Location:** South Dakota  
**Latitude/Longitude:** 43.879° N, 103.460° W  
**Mountain Range:** Black Hills  
**Mountain Type:** Dome  
**Elevation:** 1,608 meters  
**Age:** 70 million years  
**Rock Types:** Igneous (intrusive)  
**Other Information:** Mount Rushmore features 18-meter-tall sculptures of the heads of former US presidents—George Washington, Thomas Jefferson, Theodore Roosevelt, and Abraham Lincoln. The sculptures are carved into the granite face of the mountain.

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**STONE MOUNTAIN**

**Location:** Georgia  
**Latitude/Longitude:** 33.806° N, 84.145° W  
**Mountain Range:** None  
**Mountain Type:** Dome  
**Elevation:** 318 meters  
**Age:** 400 million years  
**Rock Types:** Igneous (intrusive)  
**Other Information:** Stone Mountain is the site of a huge carving commemorating the military leaders of the Confederacy. The igneous rock extends over 14 kilometers under Stone Mountain.

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**MOUNT McKINLEY (DENALI)**

**Location:** Alaska  
**Latitude/Longitude:** 63.070° N, 151.007° W  
**Mountain Range:** Alaska Range  
**Mountain Type:** Fold  
**Elevation:** 6,194 meters  
**Age:** 56 million years  
**Rock Types:** Igneous (intrusive)  
**Other Information:** The highest mountain peak in North America, Mount McKinley is still growing about 1 millimeter a year. It is more massive than Mount Everest, even though it is shorter.

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