# Bruneau Sand Dunes

Bruneau Sand Dunes in SE Idaho is home to the world's largest freestanding sand dunes. The largest peak is 470 feet tall! These dunes are unique in the Western Hemisphere because they formed near the center of a natural basin instead of near the edges. The basin acted as a natural trap for over 12,000 years, and may have started with sands from the Bonneville Flood. Students can use this phenomenon to explore geoscience processes both on a large time scale (deposition, erosion) and a short time scale (flood) to explain why this natural feature exists.

**Performance Standards**

| 2nd Grade | 4th Grade | Middle School | High School |
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| 2-ESS-2.2. Develop a model to represent the shapes and kinds of land and bodies of water in an area. | 4-ESS-2.2. Analyze and interpret data from maps to describe patterns of Earth's features. | MS-ESS-2.2. Construct an explanation based on evidence for how geoscience processes have changed Earth's surface at varying time and spatial scales. | HS-ESS-2.1. Develop a model to illustrate how Earth's internal and surface processes operate at different spatial and temporal scales to form continental and ocean-floor features. |