

## Earthquake: 1983 Borah Peak, Idaho; magnitude 7.3

1 **File #:** P1983019      **In File:** color slide;digital file      **Permission:** No restrictions for non-profit educational uses. Please credit source.

**Brief Description:** Jack O Lantern face on boulder. Challis, ID

**Credit:** Photo courtesy of Earle S. Eppich, Reaveley Engineers & Assoc.; Salt Lake City, UT

The earthquake occurred three days before Halloween. Georgia Smith exemplified "making the best of trouble" when she decorated this ~20-ton boulder that came to rest next to her home during the earthquake.  
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2 **File #:** P1983020      **In File:** color slide;digital file      **Permission:** No restrictions for non-profit educational uses. Please credit source.

**Brief Description:** Bridge (foreground) damaged by falling boulder; Challis, ID

**Credit:** Photo courtesy of Earle S. Eppich, Reaveley Engineers & Assoc., Salt Lake City, UT

The ~20-ton boulder fell from near the top of this cliff, rolled and bounced between two houses, and smashed a small wooden bridge before coming to rest next to another home's front porch.  
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3 **File #:** P1983022      **In File:** color slide;digital file      **Permission:** No restrictions for non-profit educational uses. Please credit source.

**Brief Description:** Boulder and car it hit; Challis, ID

**Credit:** Photo courtesy of Earle S. Eppich, Reaveley Engineers & Assoc., Salt Lake City, UT

Two automobiles were damaged by boulders that fell in Challis, Idaho, during the earthquake.  
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4 **File #:** P1983023      **In File:** color slide; digital file      **Permission:** No restrictions for non-profit educational uses. Please credit source.

**Brief Description:** Fallen boulder by side of road; Custer County, ID

**Credit:** Photo courtesy of Earle S. Eppich, Reaveley Engineers & Assoc., Salt Lake City, UT

This boulder fell onto the highway during the ground shaking. The scrapes on the road were made by the bulldozer used to move it off the road.  
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5 **File #:** P1983024      **In File:** color slide; digital file      **Permission:** No restrictions for non-profit educational uses. Please credit source.

**Brief Description:** Lost River Fault Scarp crossing Doublespring Pass Road; central Idaho

**Credit:** Photo courtesy of Earle S. Eppich, Reaveley Engineers & Assoc., Salt Lake City, UT

Luckily there were no buildings astride the new fault scarp. The only man-made structure affected was the Doublespring Pass Road.  
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6 **File #:** P1983025      **In File:** color slide; digital file      **Permission:** No restrictions for non-profit educational uses. Please credit source.

**Brief Description:** Fissures near Highway 93 caused by liquefaction; Custer County, ID

**Credit:** Photo courtesy of Earle S. Eppich, Reaveley Engineers & Assoc., Salt Lake City, UT

Lateral spreading caused by soil liquefaction caused fissures to form near Highway 93 in Custer County, Idaho.  
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7 **File #:** P1983026      **In File:** color slide; digital file      **Permission:** No restrictions for non-profit educational uses. Please credit source.

**Brief Description:** Waterfall created by new fault scarp; Custer County, ID

**Credit:** Photo courtesy of Earle S. Eppich, Reaveley Engineers & Assoc., Salt Lake City, UT

Shifts in the earth's surface created this small waterfall. [No further information.]  
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8 **File #:** P1983027      **In File:** color slide; digital file      **Permission:** No restrictions for non-profit educational uses. Please credit source.

**Brief Description:** Concrete block storefront collapse; Challis, ID

**Credit:** Photo courtesy of Earle S. Eppich, Reaveley Engineers & Assoc., Salt Lake City, UT

This view of a city block in Challis, Idaho, includes the cement block building whose front wall claimed the lives of two elementary school children as they walked to school.  
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9 **File #:** P1983028      **In File:** color slide; digital file      **Permission:** No restrictions for non-profit educational uses. Please credit source.

**Brief Description:** Old Challis High School; Challis, ID

**Credit:** Photo courtesy of Earle S. Eppich, Reaveley Engineers & Assoc., Salt Lake City, UT

"Built in 1922, the old Challis Junior High/High School on Main Street was not up to all the shaking and rocking it underwent during the quake. Part of the exterior wall in the northeast corner crumbled and the entire stone front exterior began separating from the rest of the building. Inside, plaster crumbled and the stairway wobbled.

Fortunately for Challis, the new high school, built to accommodate the anticipated influx of students due to development of the Cyprus mine, had just been completed, and high school students were scheduled to begin classes there Monday, October 31. The old building was to have housed the junior high. Instead, all 360 junior high and high school students moved into the new facility and began classes on Tuesday." [The Challis Messenger, Thursday, November 4, 1993, Section B: Looking Back 10 Years Later]

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10 **File #:** P1983029      **In File:** color slide; digital file      **Permission:** No restrictions for non-profit educational uses. Please credit source.

**Brief Description:** Gaping hole in building front; Mackay, ID

**Credit:** Photo courtesy of Earle S. Eppich, Reaveley Engineers & Assoc., Salt Lake City, UT

Mackay, Idaho, building damage.  
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11 **File #:** P1983030      **In File:** color slide; digital file      **Permission:** No restrictions for non-profit educational uses. Please credit source.

**Brief Description:** Main St.; Mackay, ID.

**Credit:** Photo courtesy of Earle S. Eppich, Reaveley Engineers & Assoc., Salt Lake City, UT

This view of Main Street, Mackay, Idaho, includes the drug store whose falling brick caused the only injury in Mackay.  
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12 **File #:** P1983034      **In File:** color slide; digital file      **Permission:** No restrictions for non-profit educational uses. Please credit source.

**Brief Description:** Large area of subsidence cracking near fault; Custer County, ID

**Credit:** Photo courtesy of Earle S. Eppich, Reaveley Engineers & Assoc., Salt Lake City, UT

Large area of subsidence cracking near fault at Double Springs Road; Custer County, Idaho. 1983 Borah Peak, Idaho earthquake; magnitude 7.3

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13 **File #:** P1983049      **In File:** color slide; digital file      **Permission:**

**Brief Description:** Aerial of craters formed by violent eruption of water and sediment. Near Chilly Butte, ID

**Credit:** Photo courtesy of Fred May, Utah Comprehensive Emergency Management

Sandboils and springs erupted violently in a 1-mile zone near Chilly Buttes, Idaho, and flooded parts of Thousand Springs Valley. Water and sediment were spewed 15-20 feet into the air for several minutes. This left craters in the valley floor. 1983 Borah Peak, Idaho earthquake; magnitude 7.3

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14 **File #:** P1983050      **In File:** color slide; digital file      **Permission:**

**Brief Description:** Increased spring flow floods ranch. South-central Idaho.

**Credit:** Photo courtesy of Fred May, Utah Comprehensive Emergency Management

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