Summary of Photographs

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<th>Description</th>
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<th>Info Categories</th>
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<td>Strong-motion accelerogram; recorded at Utah State University in Logan, UT</td>
<td>Deseret News</td>
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<td>Bricks from drugstore wall fell through roof of City Café, Lewiston, UT</td>
<td>Deseret News</td>
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<td>Inside City Café, Lewiston, UT</td>
<td>Salt Lake Tribune</td>
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<td>Toppled headstones in Richmond Cemetery, Richmond, UT</td>
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<td>New spring on Logan-Cache Airport property, Logan, UT</td>
<td>Deseret News</td>
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<td>Logan Printing Co. bricks litter alley, Logan, UT</td>
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<td>Brick veneer damage to apartment, Logan, UT</td>
<td>Deseret News</td>
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<td>North Cache High School, Richmond, UT</td>
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<td>Logan Junior High's new brick parapet, Logan, UT</td>
<td>Deseret News</td>
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<td>Repairing buildings on Main Street, Logan, UT</td>
<td>Deseret News</td>
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<td>Description</td>
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<td>Fallen carport, Richmond, UT</td>
<td>Ariel D. Benson, Richmond, UT</td>
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<td>Source: B, L</td>
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<td>Roy Murray home with collapsed wall, Richmond, UT</td>
<td>Ariel D. Benson, Richmond, Ut</td>
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<td>Source: B</td>
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<td>Falling bricks just missed girl in bed, Richmond, UT</td>
<td>Ariel D. Benson, Richmond, UT</td>
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<td>Source: B, P</td>
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<td>Bedroom damage in Harold Miller home, Richmond, UT</td>
<td>Ariel D. Benson, Richmond, UT</td>
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<td>Source: B</td>
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<td>Porch columns cracked and tilted, Richmond, UT</td>
<td>Ariel D. Benson, Richmond, UT</td>
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<td>Source: B</td>
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<td>Home with brick wall partially collapsed, Richmond, UT</td>
<td>Ariel D. Benson, Richmond, UT</td>
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<td>Source: B</td>
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<td>Inside Benson Stake Tabernacle, Richmond, UT</td>
<td>Ariel D. Benson, Richmond, UT</td>
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<td>Source: B</td>
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<td>Before the Quake: Benson Stake Tabernacle, Richmond, UT</td>
<td>Ariel D. Benson, Richmond, UT</td>
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<td>Source: B</td>
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<td>After Quake: Demolition of Benson Stake Tabernacle, Richmond, UT</td>
<td>Ariel D. Benson, Richmond, UT</td>
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<td>Source: B, I</td>
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<td>Charles Burbank home with cracked walls &amp; fallen porch, Richmond, UT</td>
<td>Ogden Standard Examiner</td>
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<td>Source: Ogden Standard Examiner</td>
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<td>Plaster on desks in North Cache High School, Richmond, UT</td>
<td>Ogden Standard Examiner</td>
<td></td>
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<tr>
<td>Source: Ogden Standard Examiner</td>
<td>N</td>
<td></td>
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</tbody>
</table>
Description: Grocery store aisle, Cache Valley, UT
Source: Utah State University Special Collections & Archives
Info Categories: N

Description: Inside Model Billiards, Logan, UT
Source: Utah State University Special Collections & Archives
Info Categories: B

Description: Broken plate glass display window; Keith O'Brien Department Store
Source: Utah State University Special Collections & Archives
Info Categories: N

Description: Debris on piano in local church, Logan, UT
Source: Utah State University Special Collections & Archives
Info Categories: N
Information Categories

A -- Aid:
provide medical services, shelter, donations, loans, advice, encouragement, implement safety measures

B -- Building Damage:
structure itself plus windows and chimneys (typically damage visible from outside the building)

E -- Earthquake Description:
where, when, duration, direction, sound, motion, number and timing of aftershocks

G -- Geologic Effects:
changes at the Earth’s surface, fault scarps, rockfalls, landslides, ground cracks, ground subsidence, sand boils, water spouts; effects on springs, lakes, wells

H -- Humor:

I -- Impact:
changes in daily routine; rumors; influx of reporters, politicians, cost in dollars

L -- Lifelines:
effects on transportation: roads, bridges, railroads, airports
effects on communications: telephone, telegraph
effects on power, gas, water, and sewer lines
effects on dams

N -- Nonstructural Effects:
effects on plaster, furnishings (typically damage or rearrangement of furnishings visible inside a building)

P -- People:
effects on and responses to, during and after; deaths, injuries, near misses

R -- Recovery:
clean up, rebuild

S -- Scientific:
explanation of the day

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These strong-motion recordings of the vertical (.06g), north-south (.10g), and east-west (.13g) ground accelerations during the Cache Valley earthquake provide engineers with useful data in designing buildings resistant to earthquakes. The instrument itself was owned by the U.S. Coast and Geodetic Survey and located at Utah State University.

*Photo courtesy of Deseret News*
Arrows show path of bricks that tumbled from the parapet of the Lewiston Drugstore onto the roof of the City Cafe in Lewiston, Utah. Luckily this cafe in Lewiston, Utah, was not open when ground shaking caused part of a brick parapet of an adjacent building to fall through the roof. Photo by Ray G. Jones.

*Courtesy of Deseret News*

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Luckily this cafe in Lewiston, Utah, was not open when ground shaking caused part of a brick parapet of an adjacent building to fall through the roof.

*Photo courtesy of Salt Lake Tribune*
Many headstones in the Richmond, Utah, cemetery toppled or were twisted during the ground shaking.

*Photo courtesy of Deseret News*
This "waterhole" on the Logan-Cache Airport property is one of the springs in the Logan area that was regenerated during the earthquake.

*Photo courtesy of Deseret News*
An alley in Logan, Utah, is littered with bricks that fell from a 40 foot length of wall of the Smith Printing company. Photo by Chris Nielsen.

*Courtesy of Deseret News*

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Brick veneer fell from the Astle Apartments in Logan, Utah.

*Photo courtesy of Deseret News*
At North Cache High School in Richmond, Utah, cranes are used to remove the heavy (150 pounds per square foot) capstones that were loosened during the earthquake.

*Photo courtesy of Deseret News*
Logan Junior High School was severely damaged by the earthquake, but was repaired and allowed to reopen within two weeks. A reinforced concrete bond beam was cast around the walls at the roof line, and steel tie rods were installed. Structural engineers reported that this work would make the school more safe than it was before the earthquake. This photo shows the brick replacing the original loosened parapet wall.

*Photo courtesy of Deseret News*
Three weeks after the earthquake, scaffolding is moved along Main Street in Logan, Utah, as workmen repair buildings.

*Photo courtesy of Deseret News*
In Richmond, Utah, this brick garage collapsed onto a car. However, when workmen lifted the roof, the owner was able to drive the car out.

*Photo courtesy of Ogden Standard Examiner*
One wall of this brick home in Richmond, Utah, collapsed.

*Photo courtesy of Ariel D. Benson, Richmond, UT*

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This young woman was in bed when the east wall of her home crashed inward. She escaped with only a bruise, but does not remember how she managed to move so quickly. Richmond, Utah.

*Photo courtesy of Ariel D. Benson, Richmond, UT*

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In Richmond, Utah, this young man was just getting out of bed when bricks began falling on him. Luckily, he was not hurt.

*Photo courtesy of Ariel D. Benson, Richmond, UT*

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Brick porch columns on this home in Richmond, Utah, were cracked and tilted by the ground shaking.

*Photo courtesy of Ariel D. Benson, Richmond, UT*

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Brick home damage in Richmond, Utah.

Photo courtesy of Ariel D. Benson, Richmond, UT

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Plaster was knocked from the ceiling onto the seats in the Benson Stake Tabernacle in Richmond, Utah.

*Photo courtesy of Ariel D. Benson, Richmond, UT*

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This photo of the Latter-Day Saints' Benson Stake Tabernacle in Richmond, Utah, was taken before the earthquake. Compare with the following photograph of the same building during demolition after being severely damaged by the earthquake.

*Photo courtesy of Ariel D. Benson, Richmond, UT*

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The fifty-eight year old Latter-Day Saints' Benson Stake Tabernacle in Richmond, Utah, was torn down after the earthquake due to severe structural damage.

*Photo courtesy of Ariel D. Benson, Richmond, UT*
This historic home (once a school house) in Richmond, Utah, had recently been refurbished when the earthquake made it uninhabitable. The family moved out, and the home was eventually torn down. Photo by Ralph Collins.

_Courtesy of Ogden Standard Examiner_
Bricks and plaster rained onto these desks in North Cache High School during the earthquake. Luckily the quake hit at 6:30 a.m. before school opened. Photo by Ralph Collins.

*Courtesy of Ogden Standard Examiner*

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Grocery stores in Cache Valley required several hours of clean-up after the earthquake. Photo from Herald-Journal, Logan, UT.

*Courtesy of Utah State University Special Collections & Archives*

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Inside Model Billiards in Logan, Utah, major damage occurred when the walls spread apart, allowing the roof to fall. Patrons were seated at the lunch counter, but no one was injured. Photo from Herald-Journal, Logan, UT.

_Courtesy of Utah State University Special Collections & Archives_

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Many large plate glass windows were broken throughout Cache Valley. This is the Keith O'Brien store in downtown Logan, Utah. Photo from Herald-Journal, Logan, UT.

*Courtesy of Utah State University Special Collections & Archives*

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Plaster fell on the organ and the piano in the Richmond Tabernacle; Richmond, Utah (Latter-Day Saints church). The building itself suffered structural damage and was torn down. Photo from Herald-Journal, Logan, UT.

*Courtesy of Utah State University Special Collections & Archives*

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