

**M 4.0, WYOMING**

Origin Time: Fri 2016-02-26 23:00:39 UTC (17:00:39 local)

Location: 43.50°N 110.38°W Depth: 5 km

Created: 9 weeks, 5 days after earthquake

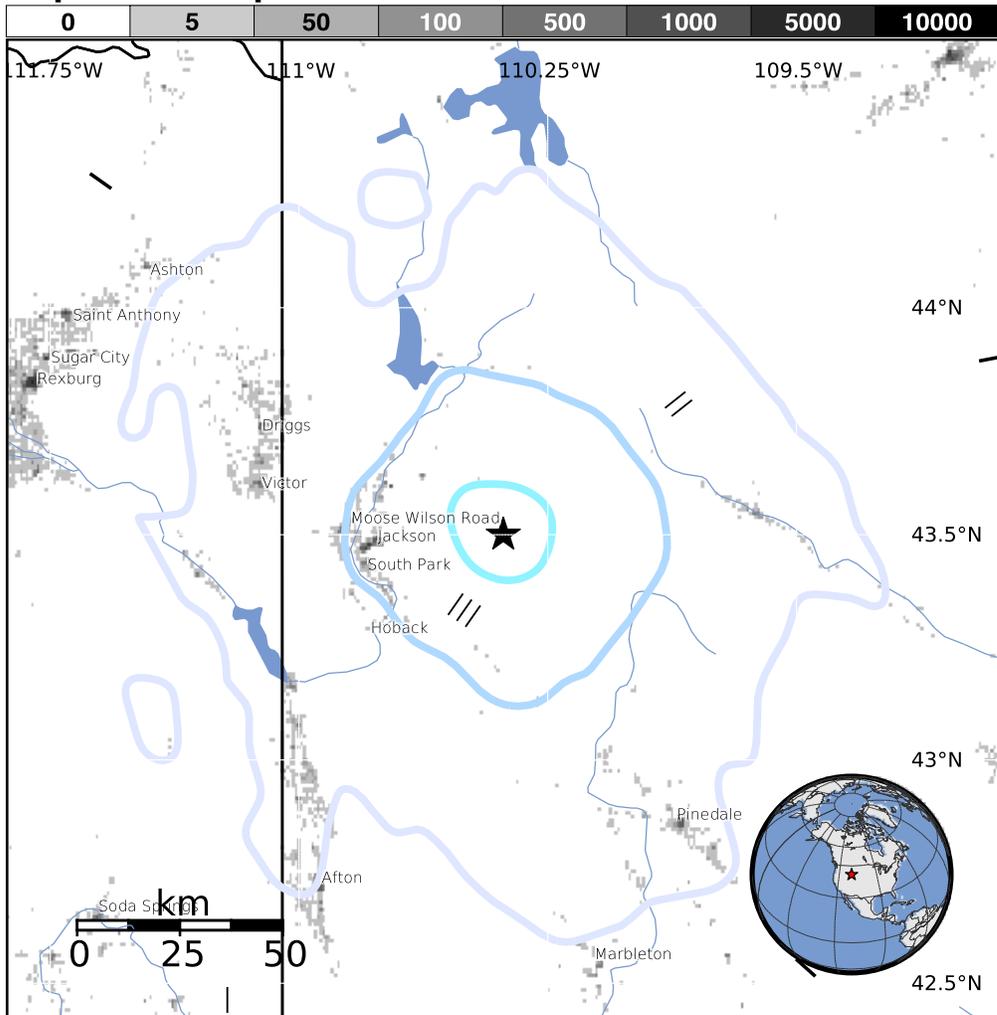


**Estimated Population Exposed to Earthquake Shaking**

| ESTIMATED POPULATION EXPOSURE (k = x1000) |                       | 91k      | 59k    | 0     | 0        | 0        | 0              | 0              | 0        | 0        |
|---|-----------------------|----------|--------|-------|----------|----------|----------------|----------------|----------|----------|
| ESTIMATED MODIFIED MERCALLI INTENSITY     |                       | I        | II-III | IV    | V        | VI       | VII            | VIII           | IX       | X+       |
| PERCEIVED SHAKING                         |                       | Not felt | Weak   | Light | Moderate | Strong   | Very Strong    | Severe         | Violent  | Extreme  |
| POTENTIAL DAMAGE                          | Resistant Structures  | none     | none   | none  | V. Light | Light    | Moderate       | Moderate/Heavy | Heavy    | V. Heavy |
|   | Vulnerable Structures | none     | none   | none  | Light    | Moderate | Moderate/Heavy | Heavy          | V. Heavy | V. Heavy |

\*Estimated exposure only includes population within the map area.

**Population Exposure**



**Structures:**

Overall, the population in this region resides in structures that are resistant to earthquake shaking, though some vulnerable structures exist.

**Historical Earthquakes (with MMI levels):**

| Date (UTC) | Dist. (km) | Mag. | Max MMI(#) | Shaking Deaths |
|------------|------------|------|------------|----------------|
| 1975-06-30 | 132        | 6.1  | VII(25)    | 0              |
| 1994-02-03 | 94         | 5.8  | VIII(967)  | 0              |
| 1983-10-28 | 281        | 6.9  | VIII(146)  | 2              |

Recent earthquakes in this area have caused secondary hazards such as landslides that might have contributed to losses.

**Selected City Exposure**

from GeoNames.org

| MMI | City                     | Population |
|-----|--------------------------|------------|
| III | Rafter J Ranch           | 1k         |
| III | <b>South Park</b>        | 2k         |
| III | Wilson                   | 1k         |
| III | <b>Jackson</b>           | 10k        |
| III | <b>Moose Wilson Road</b> | 2k         |
| II  | Victor                   | 2k         |
| II  | <b>Pinedale</b>          | 2k         |
| I   | <b>Rexburg</b>           | 25k        |
| I   | Cody                     | 10k        |
| I   | <b>Saint Anthony</b>     | 4k         |
| I   | <b>Soda Springs</b>      | 3k         |

bold cities appear on map

(k = x1000)

PAGER content is automatically generated, and only considers losses due to structural damage. Limitations of input data, shaking estimates, and loss models may add uncertainty.

<http://earthquake.usgs.gov/earthquakes/eventpage/us1000411f>

Event ID: us1000411f