

**M 4.8, SOUTHERN IDAHO**

Origin Time: Sun 2014-04-13 00:04:39 UTC (18:04:39 local)

Location: 44.62°N 114.33°W Depth: 3 km

Created: 9 weeks, 4 days after earthquake

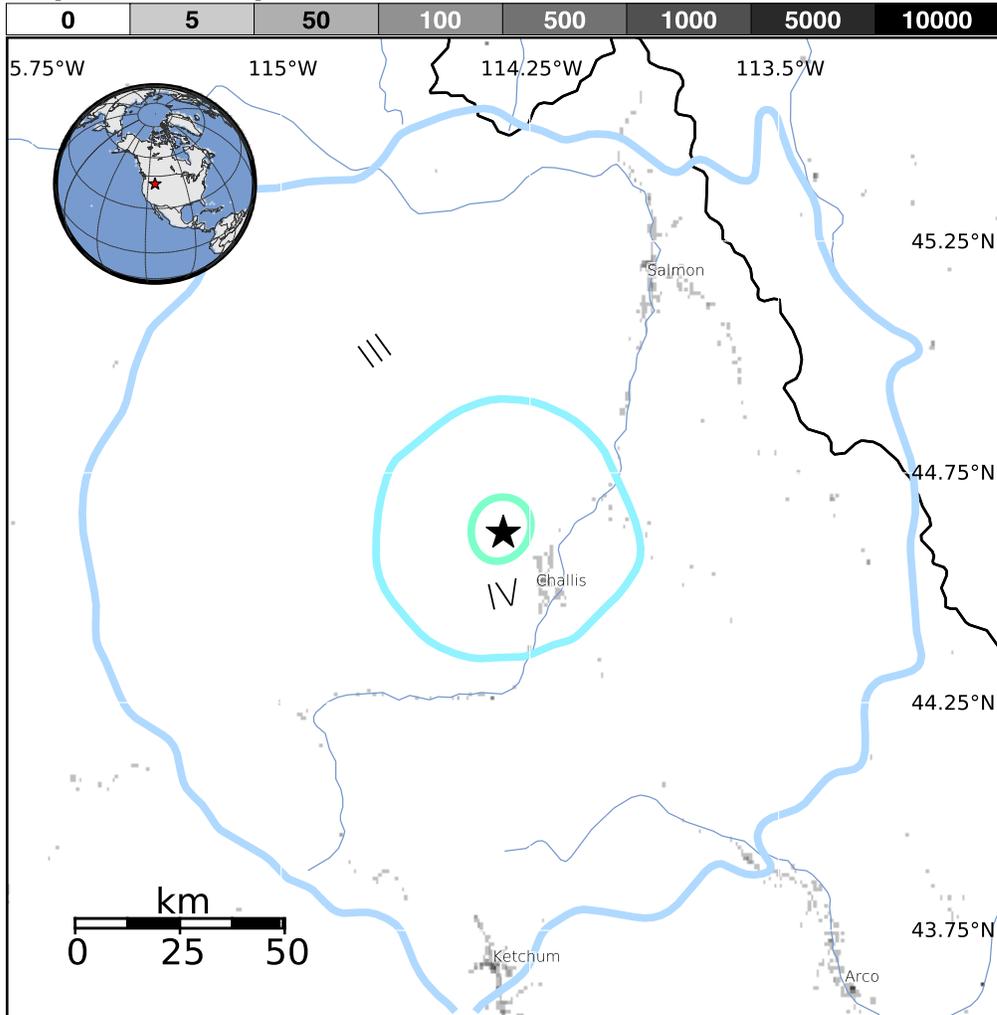


**Estimated Population Exposed to Earthquake Shaking**

|   |                       |          |        |       |          |          |                |                |          |          |
|---|-----------------------|----------|--------|-------|----------|----------|----------------|----------------|----------|----------|
| ESTIMATED POPULATION EXPOSURE (k = x1000) |                       | - -*     | 28k    | 3k    | 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 | 278        | 6.1  | VII(25)    | 0              |
| 1994-02-03 | 336        | 5.8  | VIII(967)  | 0              |
| 1983-10-28 | 72         | 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 |
|-------------------|------------|
| <b>IV Challis</b> | 1k         |
| <b>III Salmon</b> | 3k         |
| III Sun Valley    | 1k         |
| III Ketchum       | 3k         |
| II Arco           | < 1k       |

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.