

M 7.5, SOUTHEASTERN ALASKA

Origin Time: Sat 2013-01-05 08:58:19 UTC (23:58:19 local)

Location: 55.37°N 134.62°W Depth: 9 km

FOR TSUNAMI INFORMATION, SEE: tsunami.noaa.gov

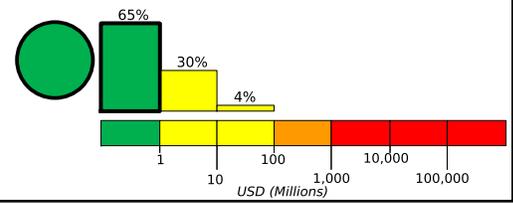
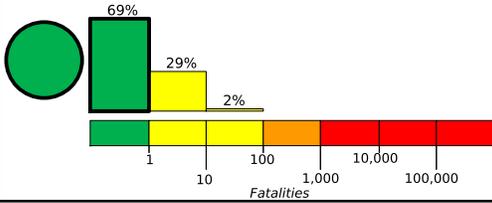
Created: 11 hours, 59 minutes after earthquake

PAGER
Version 8

Estimated Fatalities

Green alert for shaking-related fatalities and economic losses. There is a low likelihood of casualties and damage.

Estimated Economic Losses

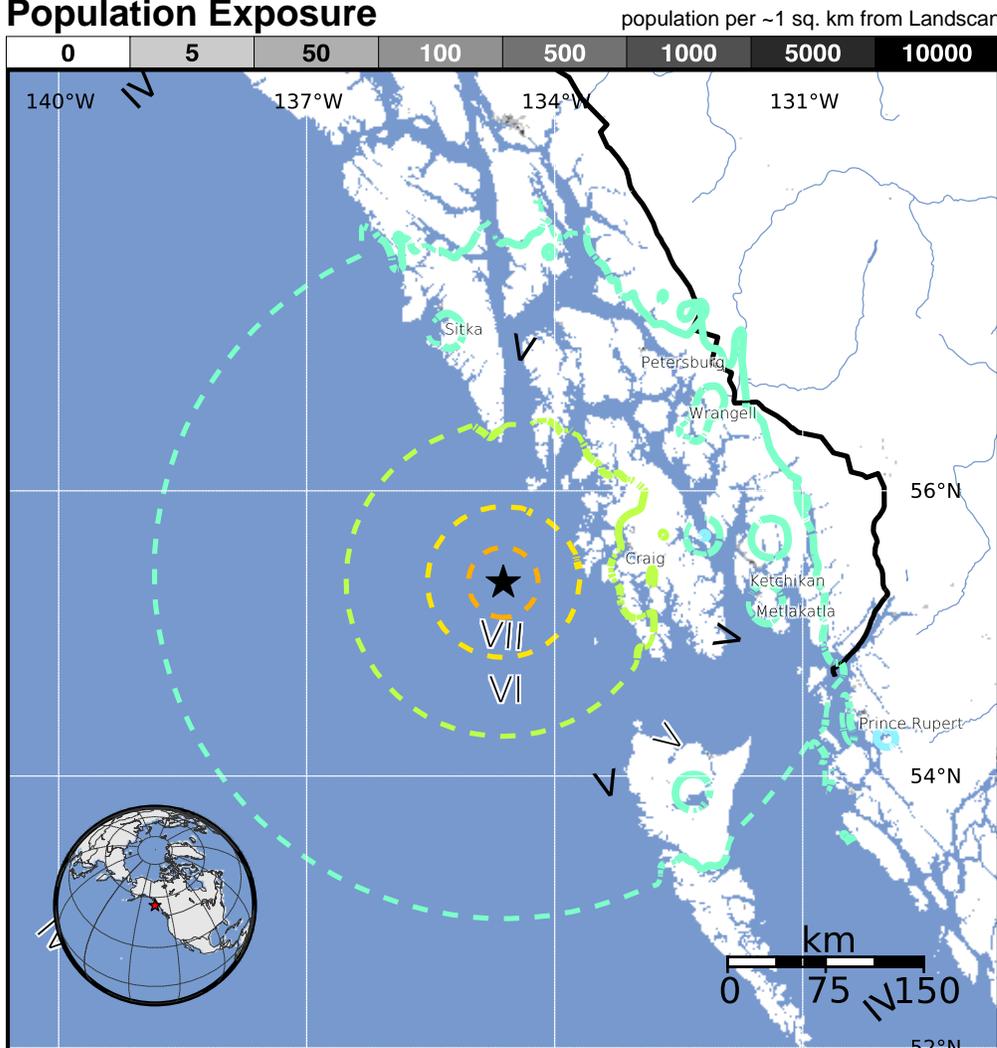


Estimated Population Exposed to Earthquake Shaking

| ESTIMATED POPULATION EXPOSURE (k = x1000) | --* | --* | 81k* | 26k | 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 |
| | Vulnerable Structures | none | none | none | Light | Moderate | Moderate/Heavy | 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):

A magnitude 6.8 earthquake 56 km south of this one struck the United States on June 28, 2004 (UTC), with estimated population exposures of 4,000 at intensity V and 20,000 at intensity IV, with no reported fatalities.

Selected City Exposure

from GeoNames.org

| MMI | City | Population |
|-----|---------------|------------|
| V | Craig | 1k |
| V | Ketchikan | 7k |
| V | Petersburg | 3k |
| IV | Wrangell | 2k |
| IV | Prince Rupert | 15k |
| IV | Metlakatla | 1k |
| IV | Sitka | 9k |
| IV | Juneau | 31k |

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/pager>

Event ID: usc000ejqv