

M 5.9, SOUTHEASTERN ALASKA

Origin Time: Thu 2013-01-31 09:53:43 UTC (00:53:43 local)

Location: 55.58°N 134.75°W Depth: 9 km

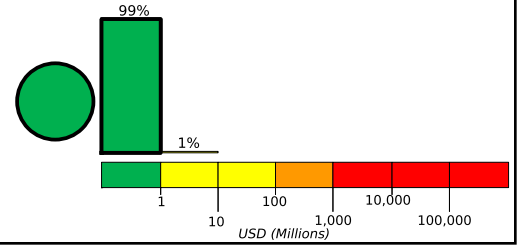
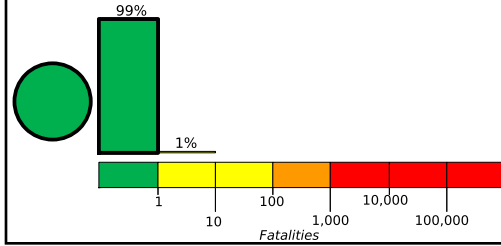
Created: 1 week, 1 day after earthquake

PAGER Version 4

Estimated Fatalities

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

Estimated Economic Losses

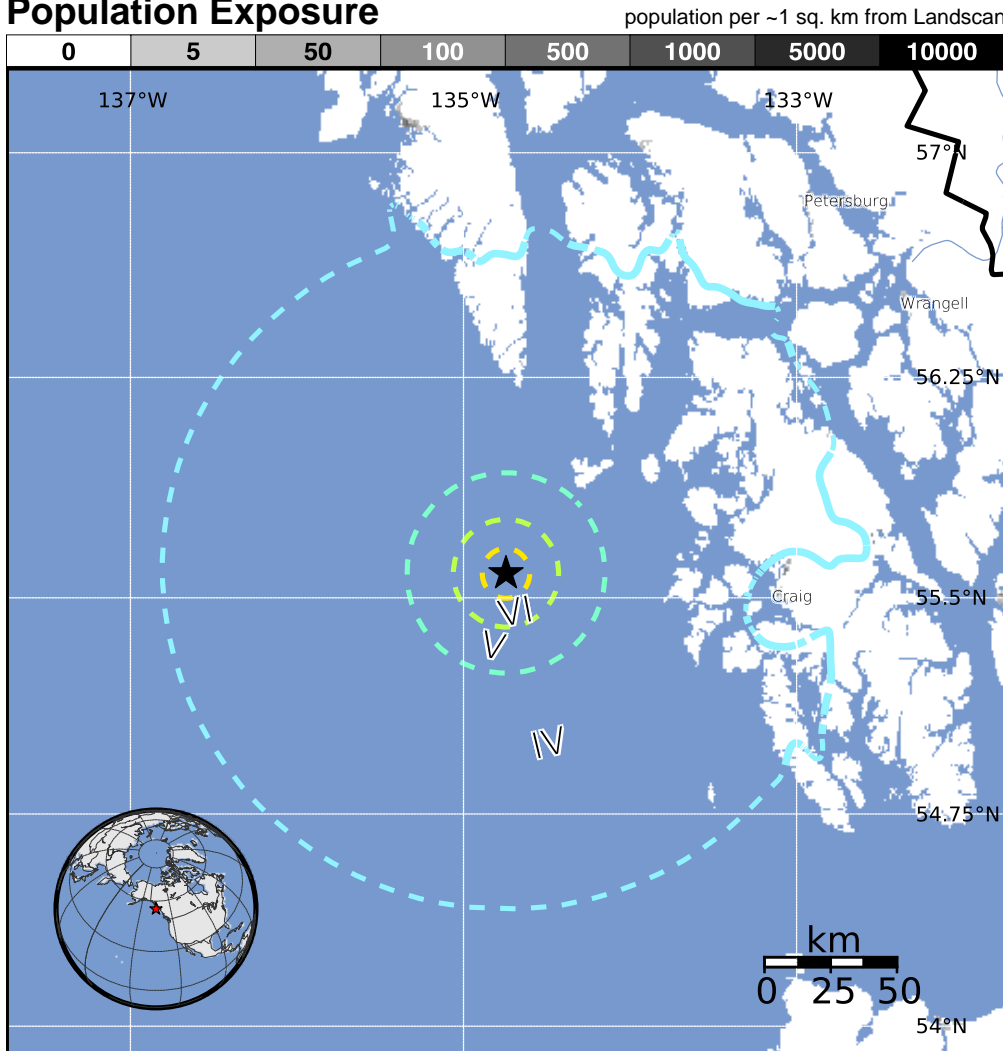


Estimated Population Exposed to Earthquake Shaking

ESTIMATED POPULATION EXPOSURE (k = x1000)		- -*	22k*	1k	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):

A magnitude 6.8 earthquake 88 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
III Petersburg	3k
III Wrangell	2k
III Craig	1k
III Sitka	9k

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: usc000ez52