

M 4.2, 60.1 miles WNW of Homer

Origin Time: Tue 2014-08-19 10:11:22 UTC (02:11:22 local)

Location: 60.03°N 153.09°W Depth: 131 km

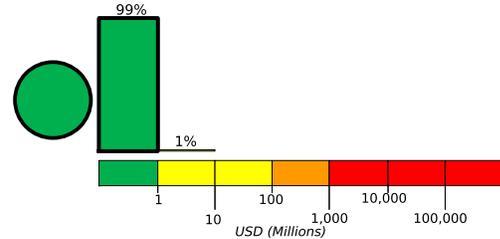
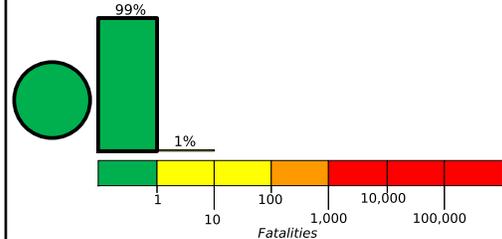
Created: 1 week, 2 days after earthquake

PAGER
Version 3

Estimated Fatalities

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

Estimated Economic Losses

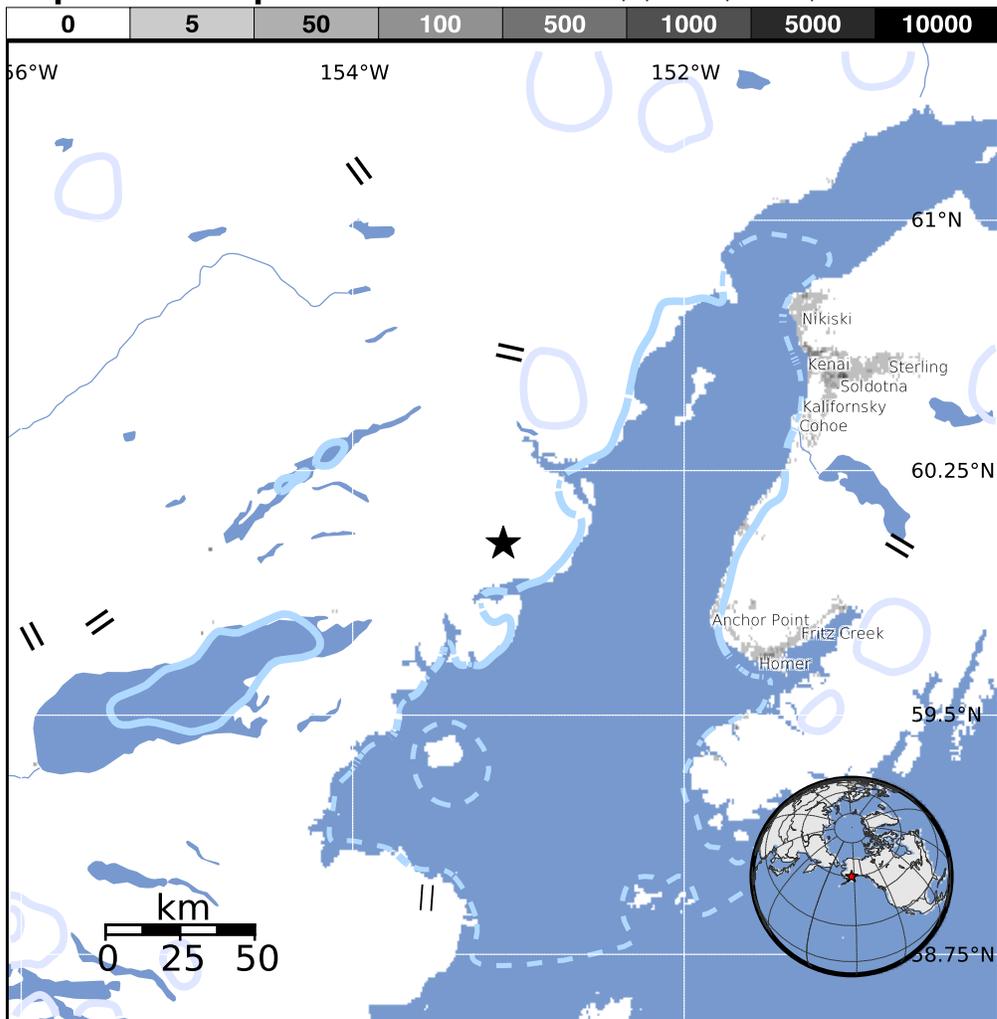


Estimated Population Exposed to Earthquake Shaking

ESTIMATED POPULATION EXPOSURE (k = x1000)		- -*	53k	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
1984-08-14	293	5.8	VI(5k)	0
1999-12-06	314	7.0	VII(331)	0
2001-01-10	352	6.9	VIII(99)	0

Selected City Exposure

from GeoNames.org

MMI City	Population
III Anchor Point	2k
II Nikiski	4k
II Cohoe	1k
II Kenai	7k
II Kalifornsky	8k
II Diamond Ridge	1k
II Soldotna	4k
II Ridgeway	2k
II Sterling	6k
II Homer	5k
II Fritz Creek	2k

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: ak11360224