

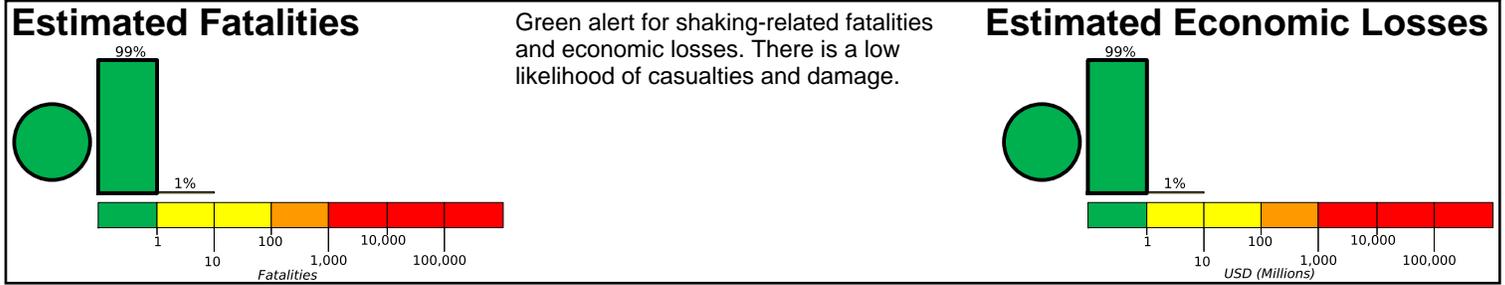
M 4.5, 39.5 miles NNE of Homer

Origin Time: Sat 2014-10-18 05:32:05 UTC (21:32:05 local)

Location: 60.14°N 150.98°W Depth: 65 km

Created: 1 week, 2 days after earthquake

PAGER Version 3

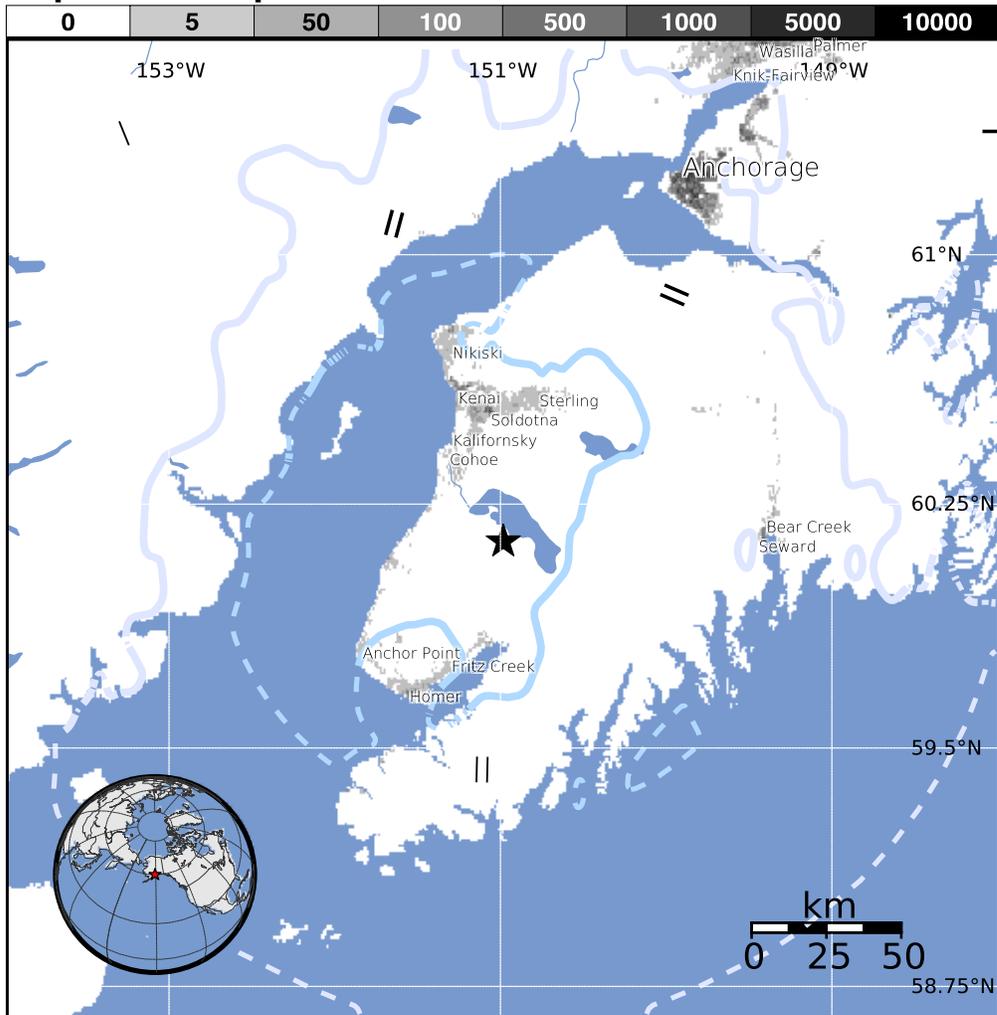


Estimated Population Exposed to Earthquake Shaking

ESTIMATED POPULATION EXPOSURE (k = x1000)		67k*	355k	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	208	5.8	VI(5k)	0
1999-12-06	374	7.0	VII(331)	0
2001-01-10	388	6.9	VIII(99)	0

Selected City Exposure

from GeoNames.org

MMI	City	Population
III	Cohoe	1k
III	Kalifornsky	8k
III	Soldotna	4k
III	Sterling	6k
III	Kenai	7k
III	Nikiski	4k
II	Anchorage	292k
I	Knik-Fairview	15k
I	Lakes	8k
I	Tanaina	8k
I	Wasilla	8k

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: ak11422015