

M 4.8, 73.5 miles WNW of Homer
Origin Time: Sat 2015-04-25 06:21:54 UTC (22:21:54 local)
Location: 60.05°N 153.49°W Depth: 171 km

Created: 6 days, 18 hours after earthquake



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	319	5.8	VI(5k)	0
1999-12-06	305	7.0	VII(331)	0
2001-01-10	350	6.9	VIII(99)	0

Selected City Exposure

from GeoNames.org

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

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: ak11563833