

M 5.5, NEAR THE EAST COAST OF KAMCHATKA, RUSSIA

Origin Time: Thu 2015-09-17 08:58:44 UTC (20:58:44 local)

Location: 53.30°N 159.71°E Depth: 68 km

Created: 13 weeks, 0 days after earthquake

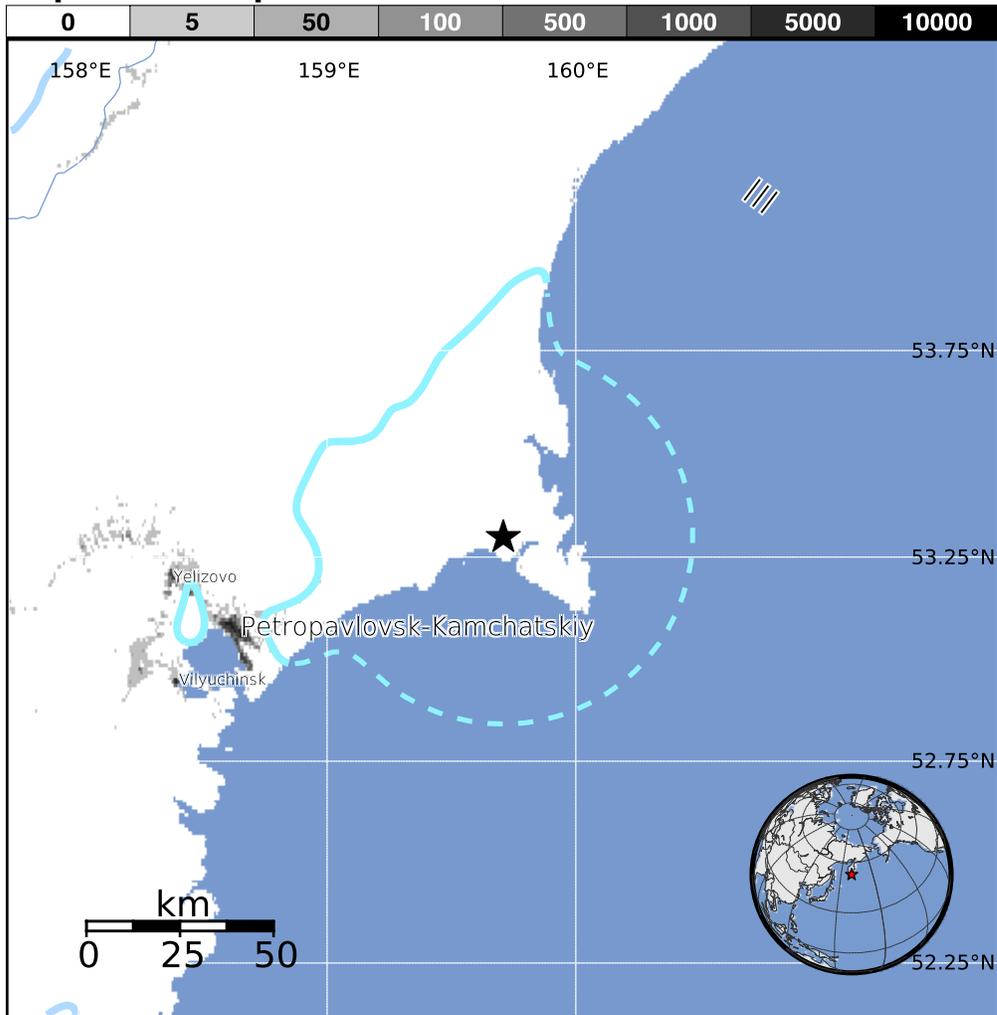


Estimated Population Exposed to Earthquake Shaking

ESTIMATED POPULATION EXPOSURE (k = x1000)		- -*	244k*	15k	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 a mix of vulnerable and earthquake resistant construction.

Historical Earthquakes (with MMI levels):

Date (UTC)	Dist. (km)	Mag.	Max MMI(#)	Shaking Deaths
1996-06-21	189	6.7	V(280k)	0
1996-01-01	73	6.6	VIII(157)	0
1973-02-28	377	7.2	VIII(776)	0

Selected City Exposure

from GeoNames.org

MMI City	Population
III Vilyuchinsk	25k
III Yelizovo	41k
III Paratunka	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.