

M 7.2, NEAR THE EAST COAST OF KAMCHATKA, RUSSIA

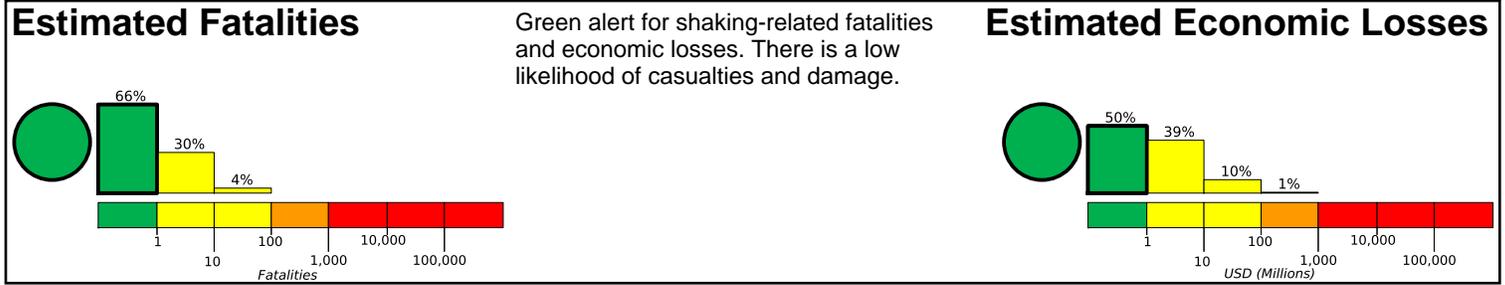
Origin Time: Sat 2016-01-30 03:25:12 UTC (15:25:12 local)

Location: 53.98°N 158.55°E Depth: 177 km



PAGER
Version 7

Created: 8 weeks, 6 days after earthquake

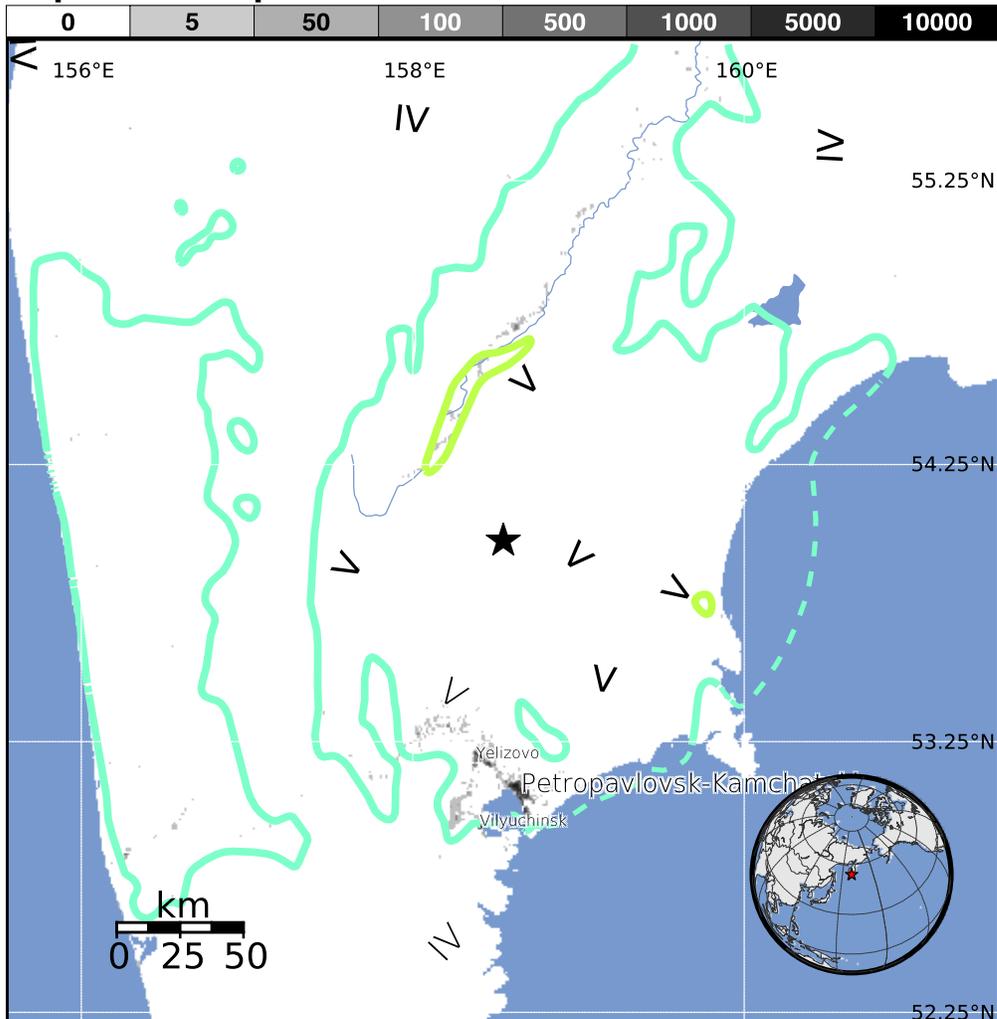


Estimated Population Exposed to Earthquake Shaking

ESTIMATED POPULATION EXPOSURE (k = x1000)		--*	--*	36k*	236k	5k	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	268	6.7	V(280k)	0
1996-01-01	62	6.6	VIII(157)	0
1984-12-28	393	6.7	IX(38)	0

Selected City Exposure

from GeoNames.org

MMI City	Population
V Yelizovo	41k
V Paratunka	2k
V Atlasovo	5k
V Vilyuchinsk	25k

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/earthquakes/eventpage/us20004vxx>

Event ID: us20004vxx