

M 5.9, OFF THE EAST COAST OF KAMCHATKA, RUSSIA

Origin Time: Sun 2013-05-19 18:44:10 UTC (05:44:10 local)

Location: 52.23°N 160.22°E Depth: 18 km

PAGER
Version 3

Created: 1 week, 0 days after earthquake

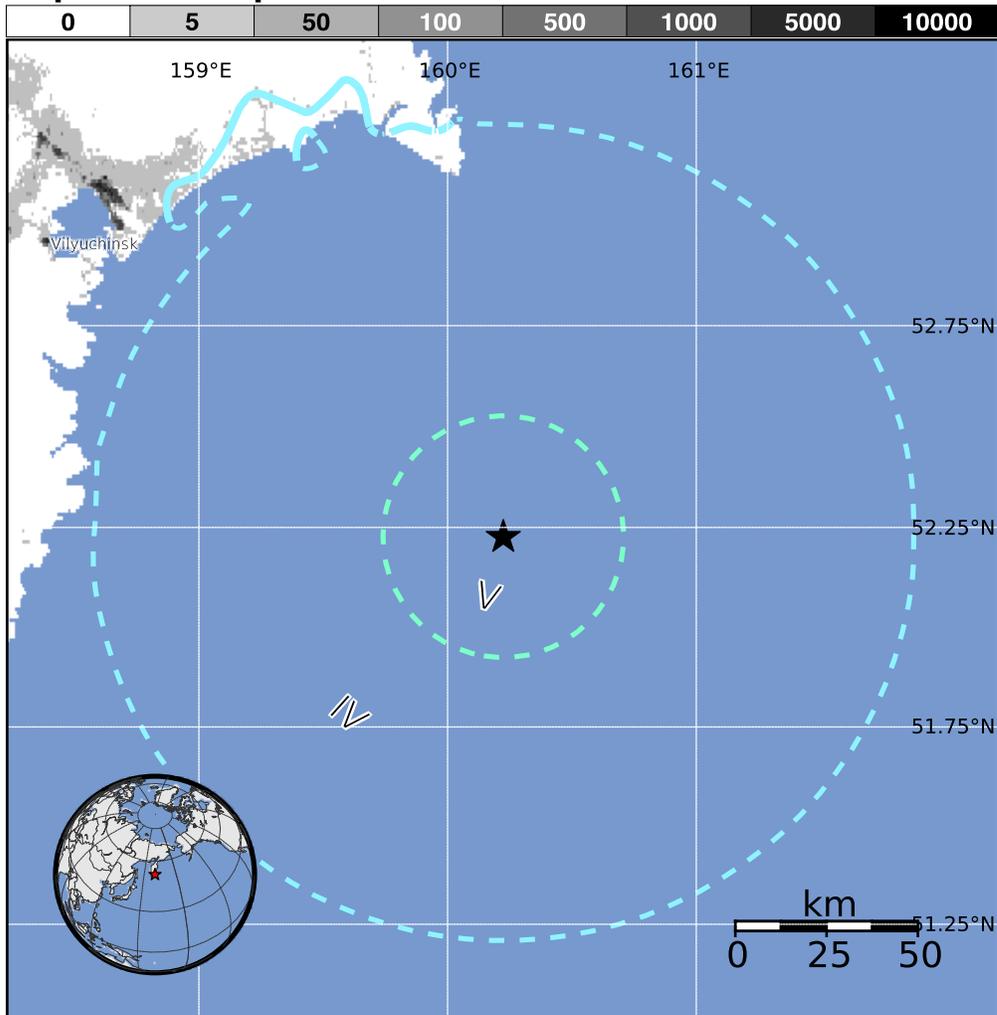


Estimated Population Exposed to Earthquake Shaking

ESTIMATED POPULATION EXPOSURE (k = x1000)		- -*	254k*	2k	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	104	6.7	V(280k)	0
1996-01-01	190	6.6	VIII(157)	0
1973-02-28	315	7.2	VIII(776)	0

Selected City Exposure

from GeoNames.org

MMI	City	Population
III	Paratunka	2k
III	Vilyuchinsk	25k
III	Yelizovo	41k

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: usb000gz3x