

M 5.3, VANCOUVER ISLAND, CANADA REGION

Origin Time: Sun 2013-08-04 13:22:27 UTC (05:22:27 local)

Location: 49.69°N 127.42°W Depth: 10 km

Created: 6 hours, 8 minutes after earthquake

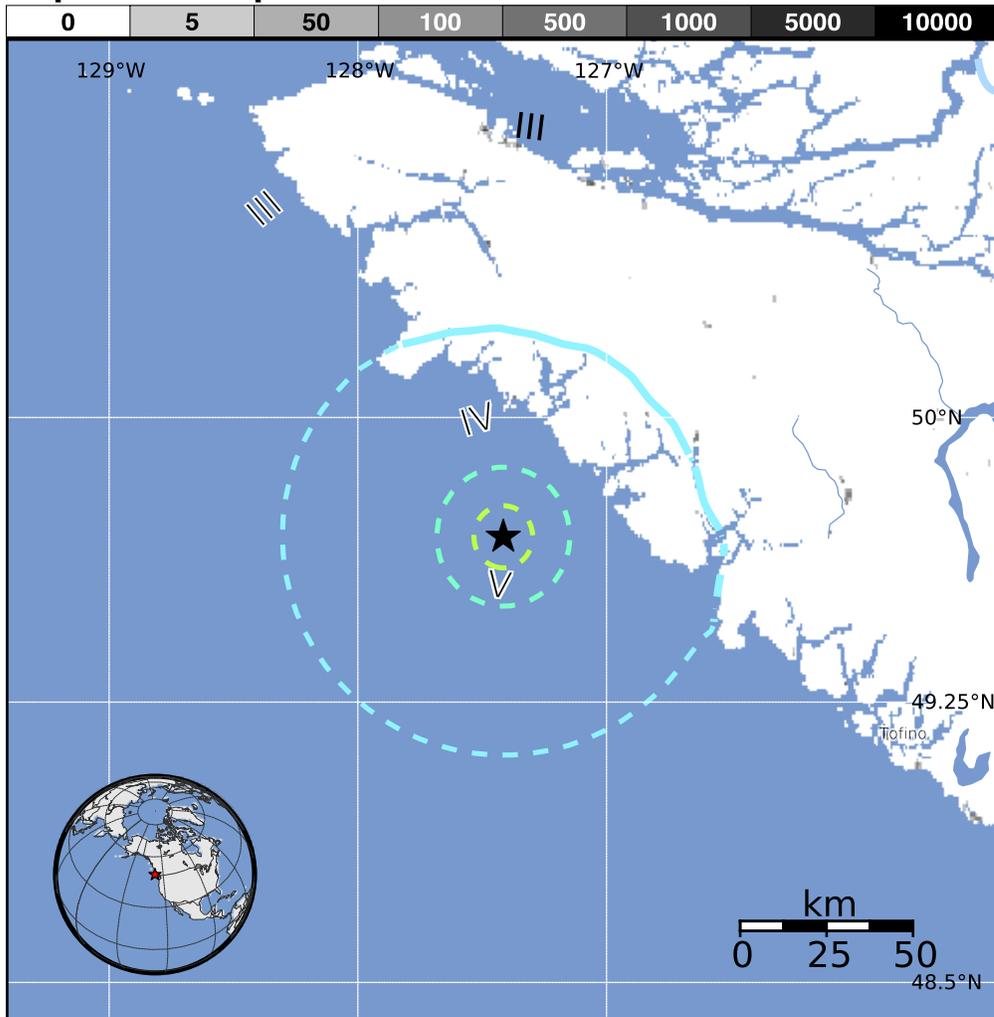


Estimated Population Exposed to Earthquake Shaking

ESTIMATED POPULATION EXPOSURE (k = x1000)		- -*	21k*	1k	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):

A magnitude 6.3 earthquake 30 km southeast of this one struck Canada on July 19, 2004 (UTC), with estimated population exposures of 12,000 at intensity V and 217,000 at intensity IV, with no reported fatalities.

Selected City Exposure

from GeoNames.org

MMI City	Population
III Tofino	2k
III Ucluelet	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.