

M 4.3, 47.7 km (29.6 mi) W of Ferndale, CA

Origin Time: Tue 2013-12-24 10:28:50 UTC (02:28:50 local)

Location: 40.51°N 124.82°W Depth: 10 km

Created: 72 weeks, 6 days after earthquake

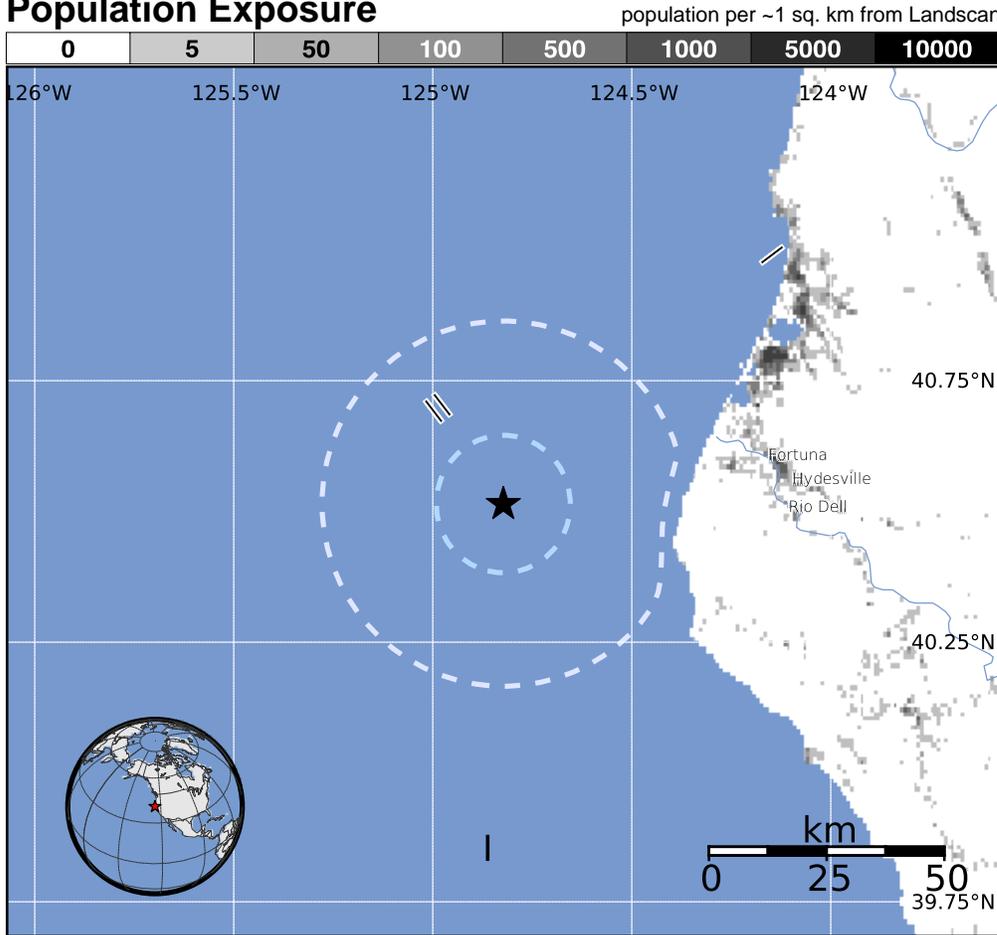


Estimated Population Exposed to Earthquake Shaking

ESTIMATED POPULATION EXPOSURE (k = x1000)		139k*	1k	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 highly resistant to earthquake shaking, though some vulnerable structures exist.

Historical Earthquakes (with MMI levels):

Date (UTC)	Dist. (km)	Mag.	Max MMI(#)	Shaking Deaths
1991-07-13	203	6.8	V(51k)	0
1980-11-08	78	7.3	IX(16k)	0
1993-09-21	306	6.0	VIII(24)	1

Recent earthquakes in this area have caused secondary hazards such as landslides and liquefaction that might have contributed to losses.

Selected City Exposure

from GeoNames.org

MMI	City	Population
I	Ferndale	1k
I	Rio Dell	3k
I	Hydesville	1k
I	Arcata	17k
I	Bayside	17k
I	Bayview	3k
I	Eureka	27k
I	McKinleyville	15k
I	Fortuna	12k
I	Myrtle town	5k
I	Humboldt Hill	3k

bold cities appear on map

(k = x1000)