

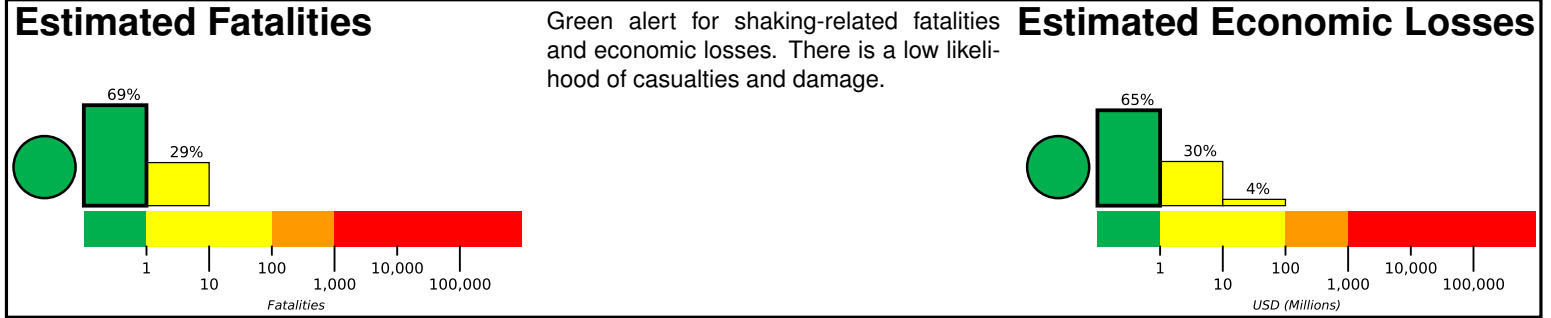
M 5.3, 29km SW of Santa Cruz Is. (E end), CA

Origin Time: 2018-04-05 19:29:16 UTC (Thu 12:29:16 local)

Location: 33.8375° N 119.7258° W Depth: 9.9 km

FOR TSUNAMI INFORMATION, SEE: tsunami.gov

Created: 1 day, 0 hours after earthquake

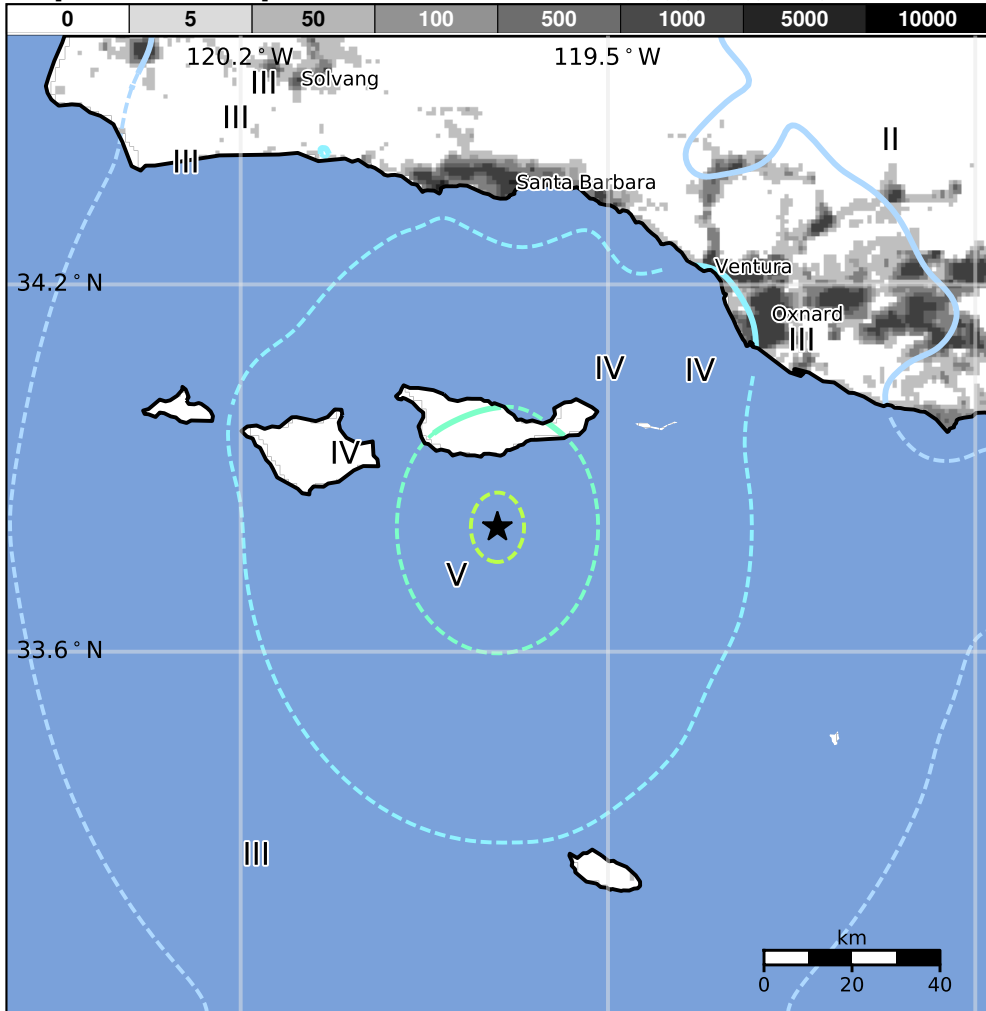


Estimated Population Exposed to Earthquake Shaking

ESTIMATED POPULATION EXPOSURE (k=x1000)		—*	1,890k*	400k	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	Mod./Heavy	Heavy	V. Heavy
	Vulnerable Structures	None	None	None	Light	Moderate	Mod./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. The predominant vulnerable building types are unreinforced brick masonry and reinforced masonry construction.

Historical Earthquakes

Date (UTC)	Dist. (km)	Mag.	Max MMI(#)	Shaking Deaths
1991-06-28	164	5.6	VI(1,267k)	1
2003-12-22	233	6.6	VI(8k)	2
1971-02-09	137	6.6	IX(21k)	65

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
IV	Oxnard Shores	187k
IV	Port Hueneme	22k
IV	Channel Islands Beach	3k
IV	Oxnard	198k
IV	El Rio	7k
IV	Ventura	97k
III	Thousand Oaks	127k
III	Simi Valley	124k
III	Santa Monica	90k
II	Santa Clarita	176k
II	Valencia	148k

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.

bold cities appear on map.

(k=x1000)