

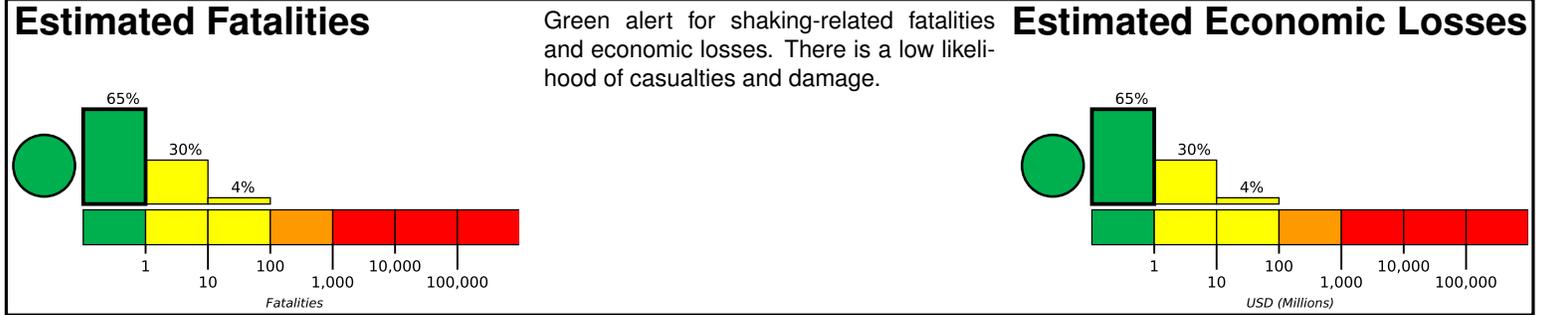
M 6.2, 265km WNW of Bandon, Oregon

Origin Time: 2018-08-22 09:31:47 UTC (Wed 00:31:47 local)

Location: 43.6449° N 127.6031° W Depth: 10.0 km

FOR TSUNAMI INFORMATION, SEE: tsunami.gov

Created: 2 hours, 2 minutes after earthquake

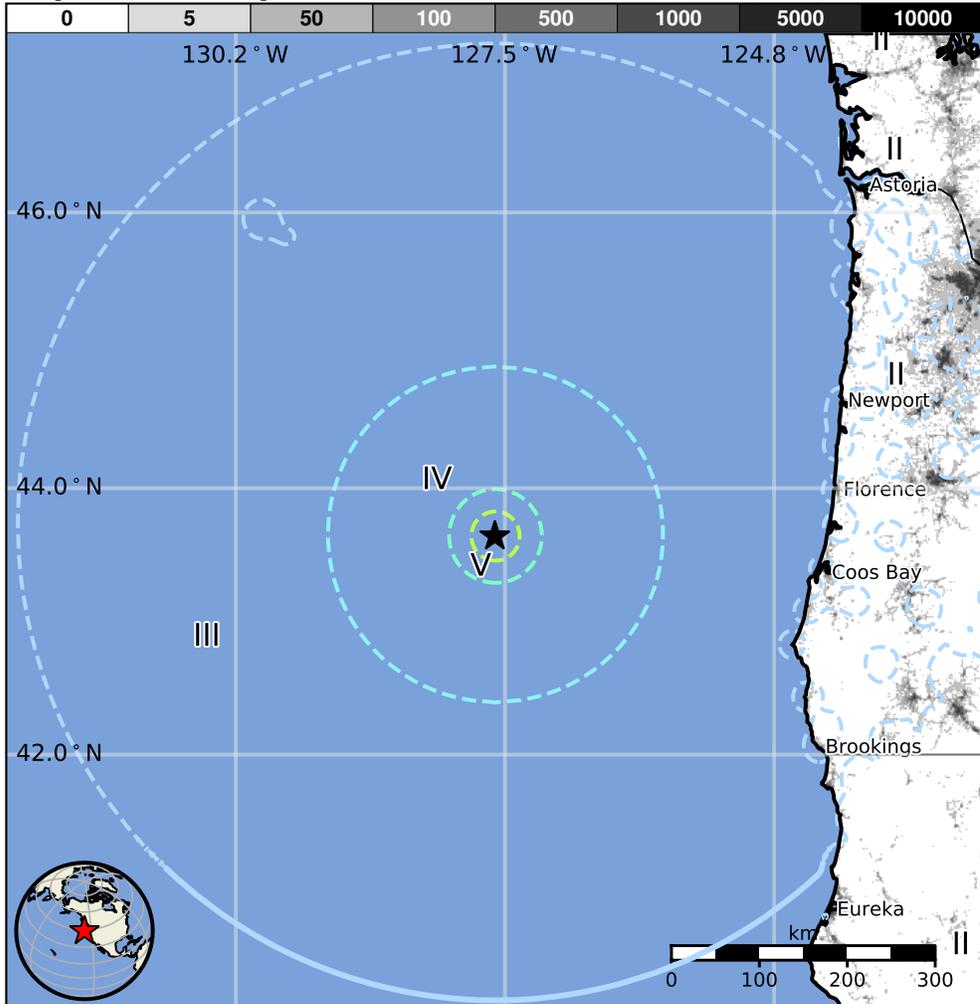


Estimated Population Exposed to Earthquake Shaking

ESTIMATED POPULATION EXPOSURE (k=x1000)		—*	3,961k*	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	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 resistant to earthquake shaking, though 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
1991-07-13	219	6.8	V(51k)	—
1991-08-17	267	7.0	V(151k)	—
1980-11-08	391	7.3	IX(16k)	0

Selected City Exposure

MMI	City	Population
III	Lakeside	2k
III	Pacific City	1k
III	Creswell	5k
III	Myrtle Point	3k
III	Yoncalla	1k
III	Cottage Grove	10k
III	Salem	155k
III	Eugene	156k
II	Olympia	46k
II	Portland	584k
II	Vancouver	162k

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)