

M 6.2, 88km WNW of Skagway, Alaska

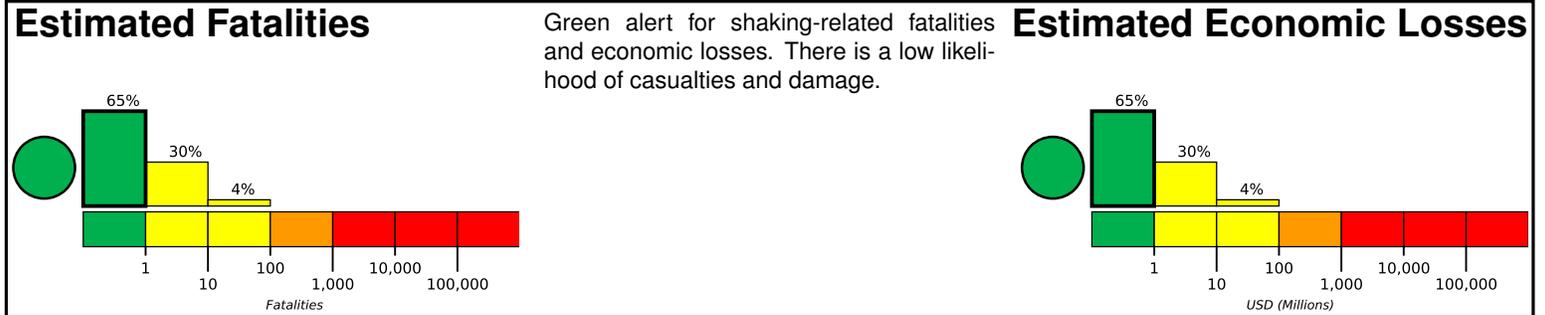
Origin Time: 2017-05-01 12:31:54 UTC (Mon 05:31:54 local)

Location: 59.8438° N 136.6945° W Depth: 2.2 km

FOR TSUNAMI INFORMATION, SEE: tsunami.gov

Created: 2 hours, 3 minutes after earthquake

PAGER Version 2

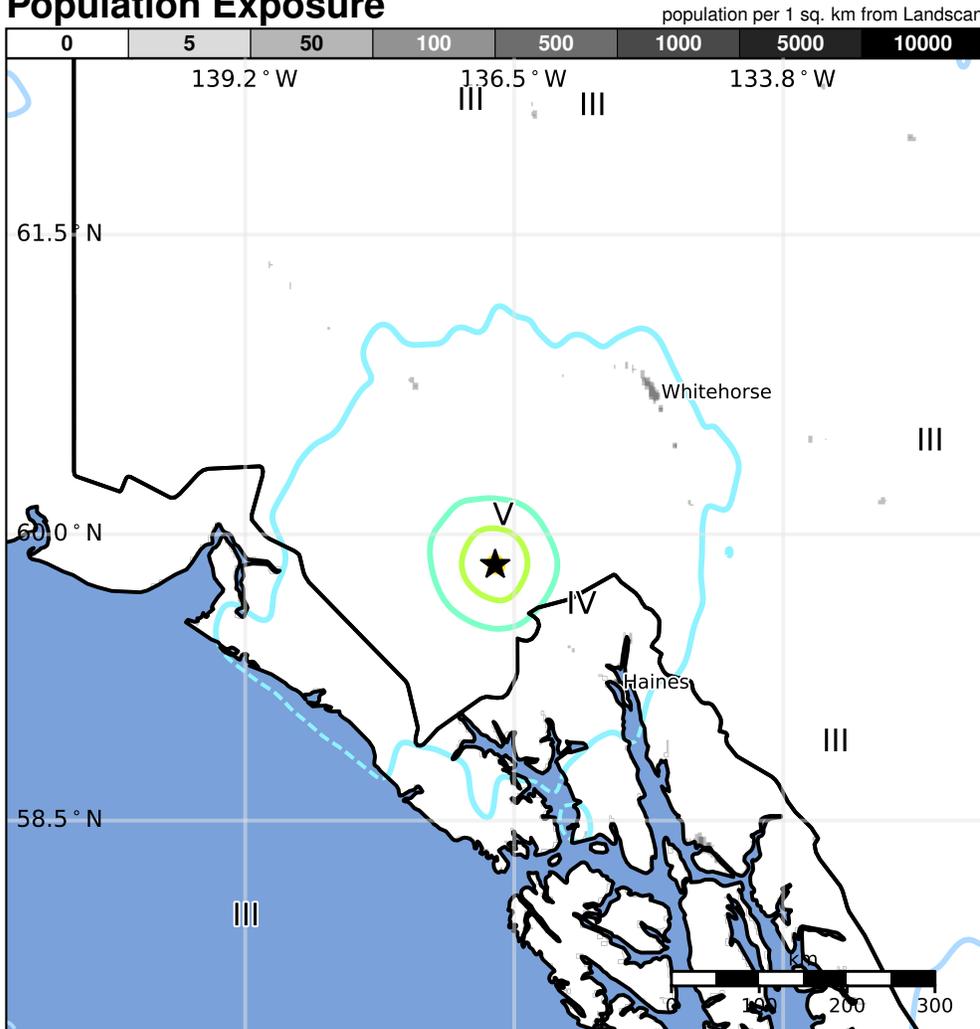


Estimated Population Exposed to Earthquake Shaking

ESTIMATED POPULATION EXPOSURE (k=x1000)	—*	31k*	41k	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 ductile reinforced concrete frame and reinforced masonry construction.

Historical Earthquakes

Date (UTC)	Dist. (km)	Mag.	Max MMI(#)	Shaking Deaths
1987-11-17	386	7.1	I(0)	—
1987-11-30	353	7.8	I(0)	—
1979-02-28	288	7.5	I(0)	—

Selected City Exposure

MMI	City	Population
IV	Haines Junction	1k
IV	Haines	2k
IV	Whitehorse	23k
III	Juneau	31k

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.

<https://earthquake.usgs.gov/earthquakes/eventpage/us10008mel#pager>

bold cities appear on map.

(k=x1000)

Event ID: us10008mel