

M 5.3, 18 km ESE of Willow Creek, CA

Origin Time: Wed 2008-04-30 03:03:06 UTC

Location: 40.84°N 123.49°W Depth: 17 km

PAGER Version 1

Created: 12 mins, 22 secs after earthquake

Estimated Population Exposed to Earthquake Shaking

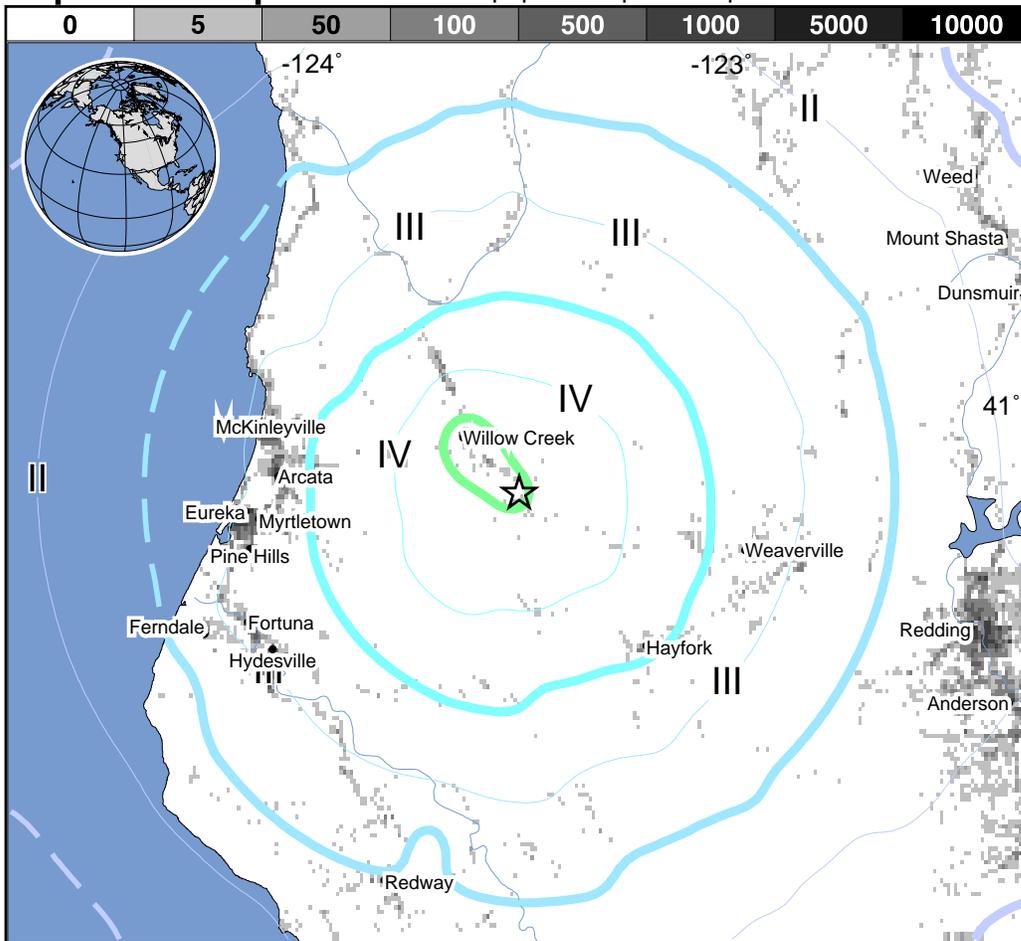
ESTIMATED POPULATION EXPOSURE (k = x1000)		1k*	319k*	8k	2k	0	0	0	0	0
ESTIMATED MODIFIED MERCALLI INTENSITY		I	II-III	IV	V	VI	VII	VIII	IX	X+
PERCEIVED SHAKING		Not felt	Weak	Light	Moderate	Strong	Very strong	Severe	Violent	Extreme
POTENTIAL DAMAGE	Resistant Structures	none	none	none	V. Light	Light	Moderate	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

population per ~1 sq. km from Landscan 2005

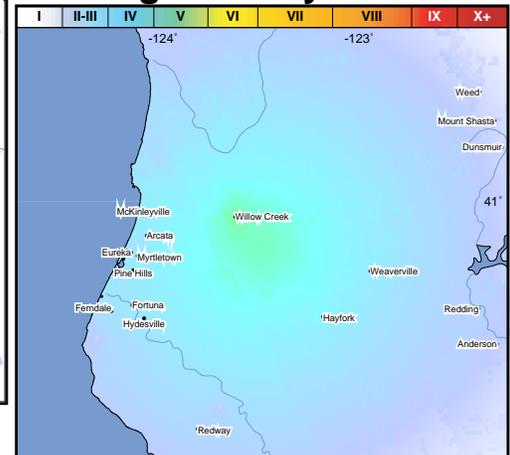
Selected City Exposure



MMI City	Population
V Willow Creek	1k
IV Hayfork	2k
IV Blue Lake	1k
III Weaverville	3k
III Cutten	3k
III Myrtle town	4k
III McKinleyville	15k
III Arcata	17k
III Eureka	25k
III Fortuna	11k
II Redding	91k

bold cities appear on map (k = x1000)

Shaking Intensity



Users should consider the preliminary nature of this information and check for updates as additional data becomes available. Population exposure estimates are NOT a direct estimate of earthquake damage; comparable shaking will result in significantly lower losses in regions with well built structures than in regions with vulnerable structures. Overall, structures in this region are designed to be resistant to earthquake shaking, though some vulnerable construction exists. A magnitude 6.7 earthquake struck the Northridge, California region on January 17, 1994 (UTC), with estimated population exposures of 110,000 at intensity IX or greater and 1.7 million at intensity VIII, resulting in 60 deaths. Recent earthquakes in this area have also triggered landslide and liquefaction hazards that have contributed to losses.

This information was automatically generated and has not been reviewed by a seismologist.