

M 5.2, 21.1 km (13.1 mi) N of Borrego Springs, CA

Origin Time: Fri 2016-06-10 08:05:36 UTC (01:05:36 local)

Location: 33.45°N 116.39°W Depth: 12 km

Created: 16 minutes, 33 seconds after earthquake

Estimated Fatalities

Green alert for shaking-related fatalities and economic losses. There is a low likelihood of casualties and damage.

Estimated Economic Losses

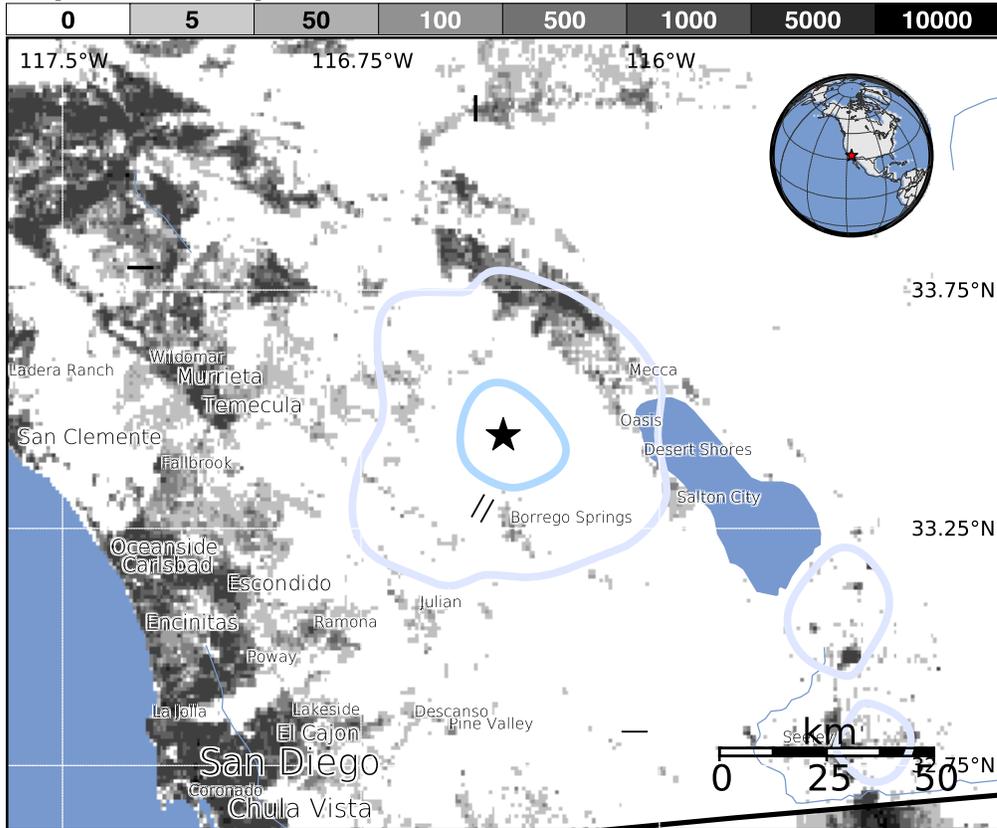


Estimated Population Exposed to Earthquake Shaking

ESTIMATED POPULATION EXPOSURE (k = x1000)		6,928k*	512k	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
1986-07-13	143	5.8	V(9,528k)	0
1991-06-28	173	5.6	VII(8k)	1
1994-01-17	216	6.7	IX(181k)	33

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
II Oasis	7k
II Borrego Springs	3k
II Vista Santa Rosa	3k
II Mecca	9k
II Desert Shores	1k
II Palm Desert	48k
I Mexicali	597k
I San Bernardino	210k
I Chula Vista	244k
I San Diego	1,307k
I Riverside	304k

bold cities appear on map

(k = x1000)