M 6.0, MARIANA ISLANDS REGION
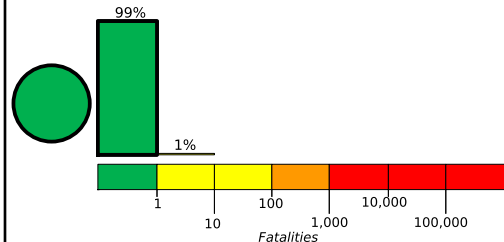
Origin Time: Sun 2013-10-06 16:38:09 UTC (01:38:09 local)
Location: 12.30°N 141.68°E Depth: 109 km
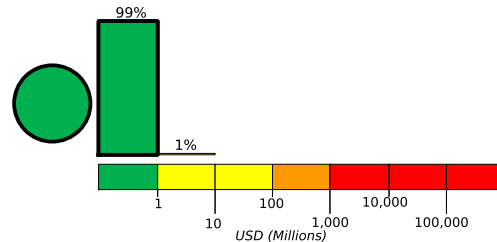
PAGER
Version 2

Created: 51 minutes, 47 seconds after earthquake

Estimated Fatalities

99%

1%

| 1 | 10 | 100 | 1,000 | 10,000 | 100,000 |

Fatalities

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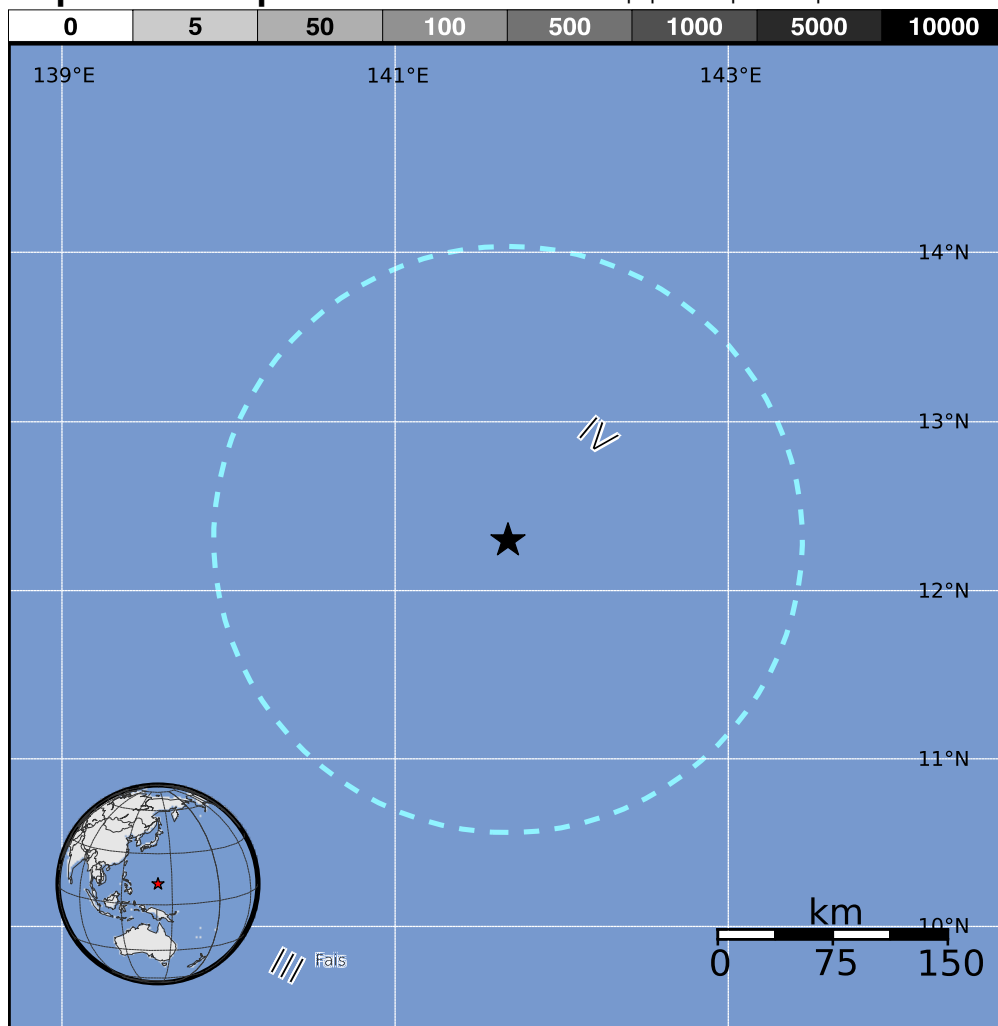
Estimated Economic Losses

99%

1%

| 1 | 10 | 100 | 1,000 | 10,000 | 100,000 |

USD (Millions)

Estimated Population Exposed to Earthquake Shaking

ESTIMATED POPULATION EXPOSURE (k = x1000)		- -*	8k*	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

population per ~1 sq. km from Landscan

| 0 | 5 | 50 | 100 | 500 | 1000 | 5000 | 10000 |

Structures:
Overall, the population in this region resides in structures that are a mix of vulnerable and earthquake resistant construction.

Historical Earthquakes (with MMI levels):

Date (UTC)	Dist. (km)	Mag.	Max MMI(#)	Shaking Deaths
1983-02-13	397	6.1	V(125k)	0
2002-04-26	336	7.0	VIII(5k)	0
1993-08-08	355	7.7	IX(3k)	0

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
III	**Fais**	**< 1k**
III	Merizo Village	2k
III	Agat Village	5k
III	Santa Rita Village	6k

bold cities appear on map   (k = x1000)

Event ID: usb000k7q5