

M 5.8, 15 km NNE of Chardonniere, Haiti

Origin Time: 2021-08-15 03:20:45 UTC (Sat 23:20:45 local)
Location: 18.3977° N 74.0899° W Depth: 8.3 km

PAGER Version 6

Created: 9 weeks, 3 days after earthquake

Estimated Fatalities

Yellow alert for shaking-related fatalities. Some casualties are possible and the impact should be relatively localized. Past events with this alert level have required a local or regional level response.

Green alert for economic losses. There is a low likelihood of damage.

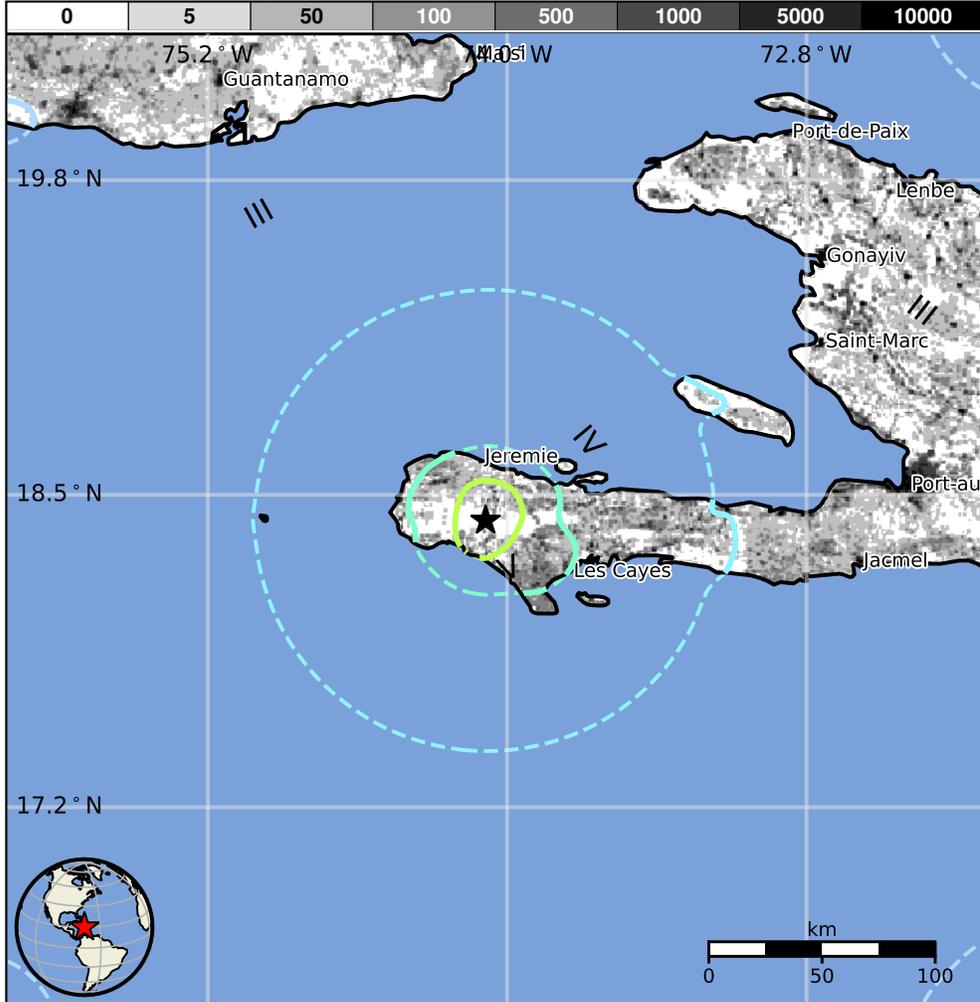
Estimated Economic Losses

Estimated Population Exposed to Earthquake Shaking

ESTIMATED POPULATION EXPOSURE (k=x1000)	—*	9,880k*	859k	676k	146k	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 vulnerable to earthquake shaking, though resistant structures exist. The predominant vulnerable building types are mud wall and informal (metal, timber, GI etc.) construction.

Historical Earthquakes

Date (UTC)	Dist. (km)	Mag.	Max MMI(#)	Shaking Deaths
1988-05-09	255	4.5	VI(10k)	0
2003-09-22	388	6.4	IX(132k)	1
1994-03-02	217	5.4	VII(47k)	4

Recent earthquakes in this area have caused secondary hazards such as landslides that might have contributed to losses.

Selected City Exposure

from GeoNames.org

MMI	City	Population
VI	Chardonniere	4k
VI	Les Anglais	8k
VI	Port-a-Piment	4k
V	Moron	2k
V	Chantal	2k
V	Coteaux	2k
III	Jacmel	138k
III	Guantnamo	273k
III	Port-de-Paix	250k
III	Port-au-Prince	1,235k
III	Santiago de Cuba	556k

bold cities appear on map.

(k=x1000)