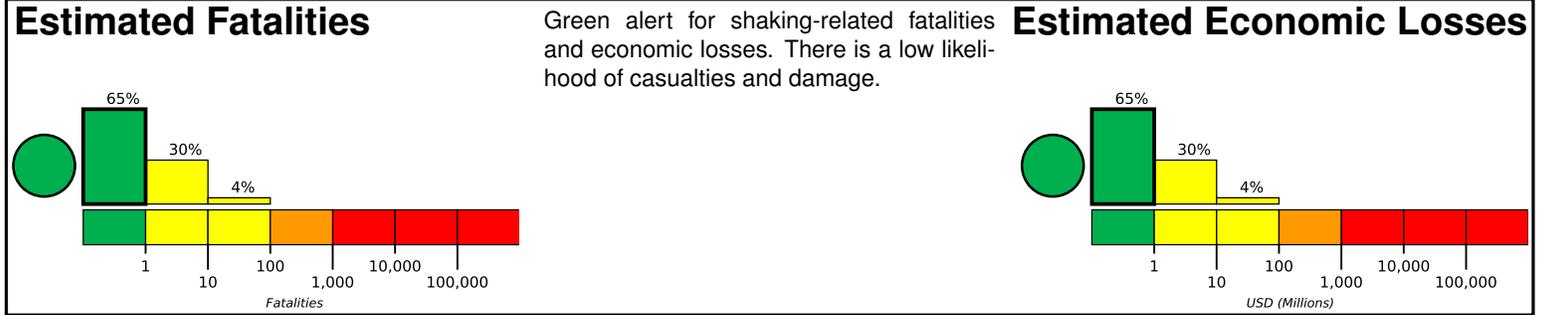


# M 5.9, 21km WNW of Ti Port-de-Paix, Haiti

Origin Time: 2018-10-07 00:11:51 UTC (Sat 20:11:51 local)  
Location: 20.0343° N 73.0128° W Depth: 24.0 km

**PAGER**  
Version 7

Created: 5 weeks, 4 days after earthquake

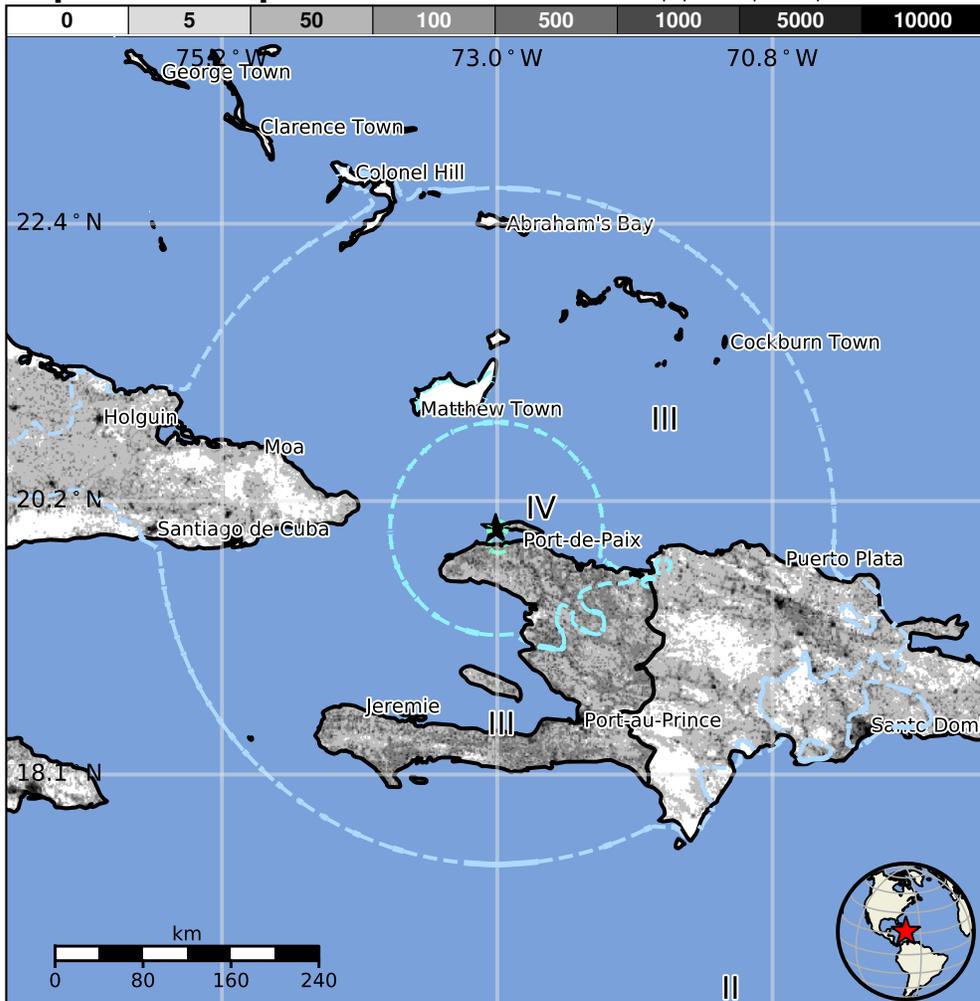


## Estimated Population Exposed to Earthquake Shaking

ESTIMATED POPULATION EXPOSURE (k=x1000)		—*	22,591k	3,342k	77k	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 vulnerable to earthquake shaking, though resistant structures exist. The predominant vulnerable building types are rubble/field stone masonry and unknown/miscellaneous types construction.

### Historical Earthquakes

Date (UTC)	Dist. (km)	Mag.	Max MMI(#)	Shaking Deaths
2003-09-22	244	6.4	IX(132k)	1
1994-07-12	217	5.6	VIII(6k)	—
1994-03-02	23	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
IV	Jean-Rabel	5k
IV	<b>Port-de-Paix</b>	<b>250k</b>
IV	Arcahaie	4k
IV	Ti Port-de-Paix	35k
IV	Saint-Louis du Nord	12k
IV	Fond Bassin Bleu	1k
IV	Santiago de los Caballeros	1,200k
III	<b>Port-au-Prince</b>	<b>1,235k</b>
III	<b>Santo Domingo</b>	<b>2,202k</b>
III	Santo Domingo Este	700k
II	Kingston	938k

bold cities appear on map.

(k=x1000)