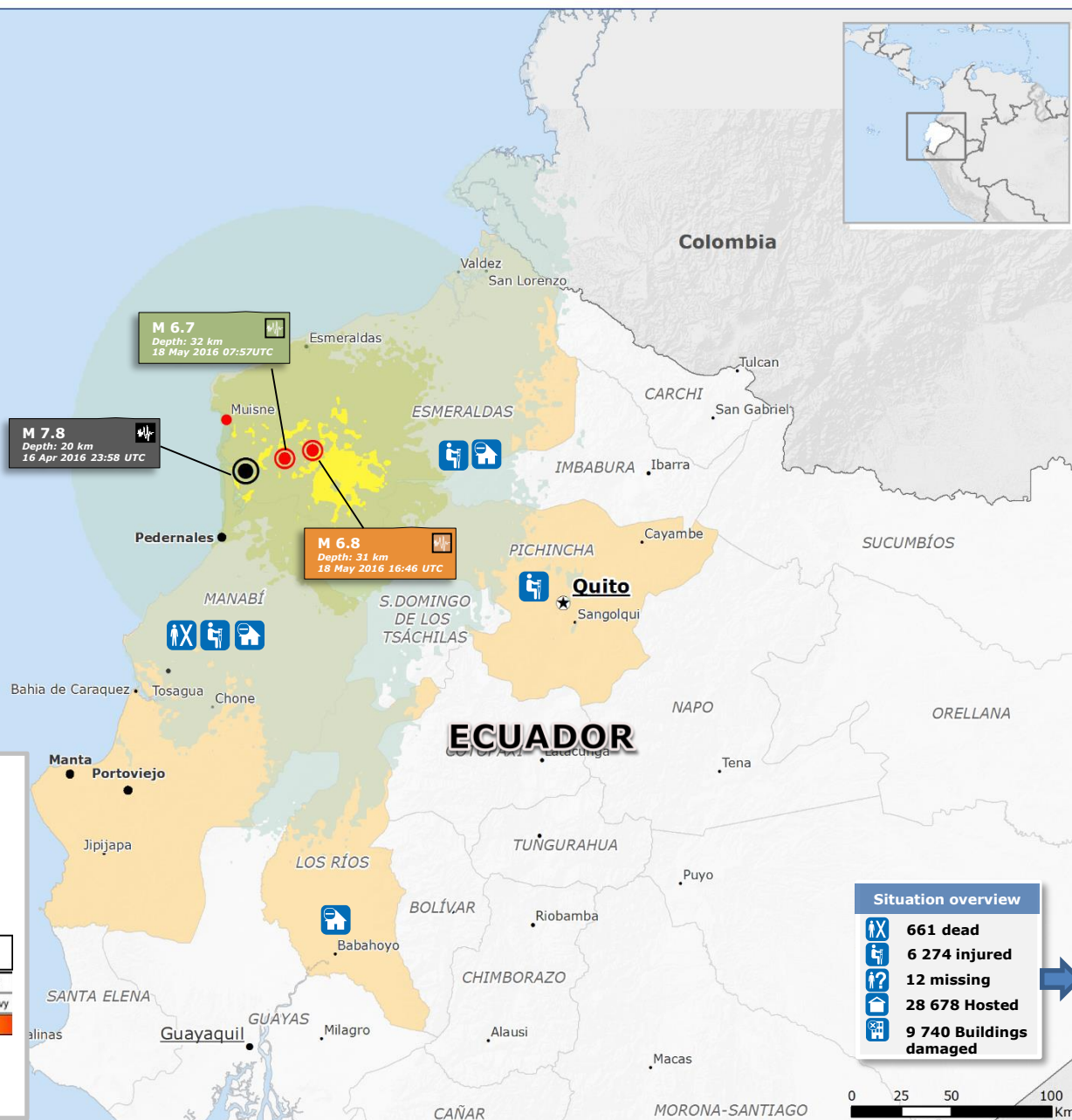


**Situation overview**

- 1 dead
- 61 injured
- 32 Houses damaged



**Affected**

- Provinces

**Earthquake magnitude**

- 4.0 – 5.0 M
- 6.0 – 7.0 M
- 7.0 – 8.0 M

Modified Mercalli scale (MMI)				
(showing intensities from Moderate to Severe)				
PERCEIVED SHAKING	Moderate	Strong	Very strong	Severe
POTENTIAL DAMAGE	Very light	Light	Moderate	Mod./Heavy
INSTRUMENTAL INTENSITY	V	VI	VII	VIII

**GDACS Alert**

- Moderate event
- Potential local disaster

**Situation overview**

- 661 dead
- 6 274 injured
- 12 missing
- 28 678 Hosted
- 9 740 Buildings damaged

### SITUATION

- Two strong earthquakes of magnitude 6.7 M and 6.8 M at a similar depth occurred in the province of Esmeraldas on 18 May.
- The first one, that had a magnitude of 6.7 M and depth of 32 km, was recorded at 7.57 UTC. The epicentre was located approx. 35 km east-southeast of Muisne. USGS PAGER estimated that 88 000 people were exposed to "Strong" shaking. The second one that had a magnitude of 6.8 M and depth of 31 km, was recorded at 16.46 UTC. The epicentre was located approx. 46 km east-southeast of Muisne. USGS PAGER estimated that 164 000 people were exposed to "Strong" shaking. Both earthquakes were near the epicentre of the 7.8 M earthquake that occurred on 16 April causing widespread damage and casualties.
- As of 19 May, national authorities reported one person dead, 61 injured and 32 homes damaged. According to local media, as of the same day, over 10 000 people have been evacuated in the provinces of Esmeraldas and Manabi.

Sources: GDACS, USGS, Gov. of Ecuador, UNDP, Local Media

### EARTHQUAKE 16 APRIL 2016

