Damage Assessment in the towns of Tepapayeca & Santa Catarina Coatepec, Municipality of Tlapanala, State of Puebla, Mexico

This map illustrates satellite-detected, potentially damaged structures in the towns of Tepapayeca and Santa Catarina Coatepec, Tlapanala Municipality, Puebla State, Mexico. The analyzed area is located approximately 15 km North of the mainshock epicentre of the 19 September 2017 M7.1 earthquake. UNITAR-UNOSAT identified 197 potentially damaged structures, from which 122 are in Tepapayeca and 39 in Santa Catarina Coatepec town limits. The analysis was performed using a post-event Pleiades satellite image acquired on 22 September 2017 and a pre-event Bing basemap. This is a preliminary analysis and has not yet been validated in the field. Please send ground feedback to UNITAR - UNOSAT.

Legend
- Damaged structure
- City / Town
- Local road
- Town extent
- Municipality boundary

Map Scale for A3: 1:15,000

Analysis conducted with ArcGIS v10.4.1
Coordinate System: WGS 1984 UTM Zone 14N
Projection: Transverse Mercator
Datum: WGS 1984
Units: Meter

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