Damage Assessment in the towns of Ayutla and San Nicolas Tolentino, Municipality of Izucar de Matamoros, State of Puebla, Mexico

This map illustrates satellite-detected, potentially damaged structures in the Ayutla and San Nicolas Tolentino located in Izucar de Matamoros Municipality, Puebla State, Mexico. The analyzed area is located in the epicentral zone of the 19 September 2017 M7.1 earthquake. UNITAR-UNOSAT identified 423 potentially damaged structures, from which 240 are within San Nicolas Tolentino, 172 in Ayutla and 11 in Dulces Nombres. The analysis was performed using a post-event Pleiades satellite image acquired on 22 September 2017 and a pre-event WorldView-2 satellite image acquired on 11 April 2017. 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

Satellite Data (1): Pleiades
Imagery Date: 22 September 2017
Resolution: 0.5 m
Copyright: CNES 2017 - Distribution Airbus Defence and Space
Source: Airbus Defence and Space

Satellite Data (2): WorldView-2
Imagery Date: 11 April 2017
Resolution: 0.5 m
Copyright: DigitalGlobe, Inc
Source: USGS - HRID
Baseline Data: Humanitarian OSM

Boundary Data: Instituto Nacional de Estadística y Geografía (INEGI)
Analysis: UNITAR - UNOSAT
Production: UNITAR - UNOSAT

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