Potential areas of debris clearance in Jojutla town, Jojutla Municipality, State of Morelos, Mexico

This map illustrates satellite-detected, potential areas of debris clearance in the town of Jojutla, Jojutla Municipality, Morelos State, Mexico. The analyzed area is located approximately 82 km west of the main shock epicenter of the 19 September 2017 M7.1 earthquake. UNITAR-UNOSAT identified ~9,400 m² of areas where debris have been removed, located in the most affected part of the town after the earthquake. In addition, ~6,500 m² of standing debris were identified and ~5,000 m² of potential debris disposal were visible. The analysis was performed using a post-event Pleiades satellite image acquired on 05 October 2017 and WorldView-3 satellite image acquired on 06 October 2017. This is a preliminary analysis and has not yet been validated in the field. Please send ground feedback to UNITAR-UNOSAT.

Map location

See insets 1 & 2 for close-up view of areas cleared of debris (as of 5 October 2017)

Legend

City / Town
Primary road
Local road
Urban and rural block
Areas cleared of debris (as of 6 October 2017)
Areas with visible debris (as of 6 October 2017)
Potential debris disposal areas (as of 6 October 2017)

Map Scale for A3: 1:12,000

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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