






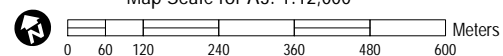
Potential areas of debris clearance in Jojutla town, Jojutla Municipality, State of Morelos, Mexico

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.

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



Satellite Data (Post 1): Pleiades
Imagery Date: 05 October 2017
Resolution: 0.5 m
Copyright: CNES 2017, Distribution Airbus Defence and Space
Source: Airbus Defence and Space
Satellite Data (Post 2): WorldView-3

Imagery Date: 06 October 2017
Resolution: 0.4 m
Copyright: DigitalGlobe, Inc
Source: USGS- HDDS
Satellite Data (Pre): Bing
Imagery Date: October 2010 / December 2013
Copyright: Microsoft Corporation, 2017

Source: Microsoft Corporation, 2017
Road Data : Open Street Map
Boundary Data: Instituto Nacional de Estadística y Geografía (INEGI)
Analysis : UNITAR - UNOSAT
Production: UNITAR - UNOSAT



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