DAMAGE ASSESSMENT OF MUISNE, ESMERALDAS PROVINCE, ECUADOR

This map illustrates satellite-detected, potential damaged structures in Muisne, Esmeraldas Province, Ecuador. The analyzed area is located approximately 30 km north of the 16 April 2016 Muisne earthquake mainshock epicenter. This analysis is carried out using

potentially damaged structures of which 139 are destroyed, 206 severely damaged, moderately damaged. This is a preliminary analysis and not yet been validated in the field. Please

image acquired 12 March 2016. UNITAR-UNOSAT identified 450

Production Date: 22/04/2016 Earthquake



Glide Number: EQ-2016-000035-ECU







Map Scale for A3: 1:10,000 Meters Meters

Satellite Data (1): Pleiades Imagery Date: 20 April 2016

Resolution: 50 cm Copyright: CNES (2016), Distribution AIRBUS DS

Source: Airbus Defence and Space Satellite Data (2): WorldView-3 Imagery Date: 12 March 2016 Resolution: 50 cm

Copyright: Digital Globe, Inc Source: USGS/HDDS Road Data: OpenStreetMap (via bbbike.com)

Other Data: USGS, UNCS, NASA, NGA Analysis: UNITAR / UNOSAT Production: UNITAR / UNOSAT Analysis conducted with ArcGIS v10.3

Coordinate System: WGS 1984 UTM Zone 17N Projection: Transverse Mercator Datum: WGS 1984

The depiction and use of boundaries, geographic names and related data shown here are not warranted to be error-free nor do they imply official endorsement or acceptance by the United Nations. UNOSAT is a program of the United Nations Institute for Training and Research (UNITAR), providing satellite imagery and related geographic information, research and analysis to UN humanitarian and development agencies and their implementing partners.

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Disaster coverage by the ational Charter 'Space and Major Disasters'. For more information on the Charter, which is about assisting the disaster relief organizations with multi-







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