Damage Assessment & Related Density in the Southeastern Part of Dominica

This map illustrates potentially damaged structures and buildings in the southeastern part of Dominica (St. Patrick & St. David Parishes) as detected by satellite image acquired after landfall of the Tropical Cyclone Maria-17 on 19 September 2017. The UNITAR-UNOSAT analysis combined with Copernicus analysis, identified 1304 potentially damaged structures within the extent of this map. Taking into account the pre-building footprints provided by Humanitarian OpenStreetMap, this represents about 56 % of the total number of structures within the analysed cloud free areas. This is a preliminary analysis and has not yet been validated in the field. Please send ground feedback to UNITAR-UNOSAT.

Legend
- Damaged structure
- Locality
  - Primary road
  - Secondary road
  - Local road
- River
- Parish boundary
- Cloud obstruction
  - High damage density
  - Low damage density

Map Scale for A3: 1:42,500

Analysis conducted with ArcGIS v10.4.1
Coordinate System: WGS 1984 UTM Zone 20N; Projection: Transverse Mercator
Datum: WGS 1984; Ellipsoid: WGS 1984

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