



### Damage Assessment in Salt Cay Island

This map illustrates satellite detected potentially damaged buildings in Salt Cay island following the landfall of Tropical Cyclones IRMA-17 on 07 September 2017 and Maria on 22 September 2017. UNITAR-UNOSAT analysis used a Pleiades satellite image acquired on 23 September 2017 as post imagery. We identified 152 potentially damaged structures within the analyzed area. According to the pre-building footprints provided by Humanitarian Open Street Map, this represents ~50% of the total number of structures in Salt Cay island. This is a preliminary analysis and has not yet been validated in the field. Please send ground feedback to UNITAR-UNOSAT.

#### Legend

-  Capital
-  Damaged structure
-  Airport
-  Secondary road
-  Local road



Map Scale for A3: 1:20,000



Analysis conducted with ArcGIS v10.4.1

Coordinate System: WGS 1984 UTM Zone 19N  
Projection: Transverse Mercator  
Datum: WGS 1984  
Units: Meter

Satellite Data (Post): Pleiades  
Imagery Date: 23 September 2017  
Resolution: 50 cm  
Copyright: CNES 2017, Distribution Airbus Defence and Space  
Source: Airbus Defence and Space

Satellite Data (Pre): Bing  
Copyright: Microsoft Corporation  
Source: Microsoft Corporation  
Baseline Data: Humanitarian Open Street Maps (13/09/2017)  
Analysis: UNITAR - UNOSAT  
Production: UNITAR - UNOSAT

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