



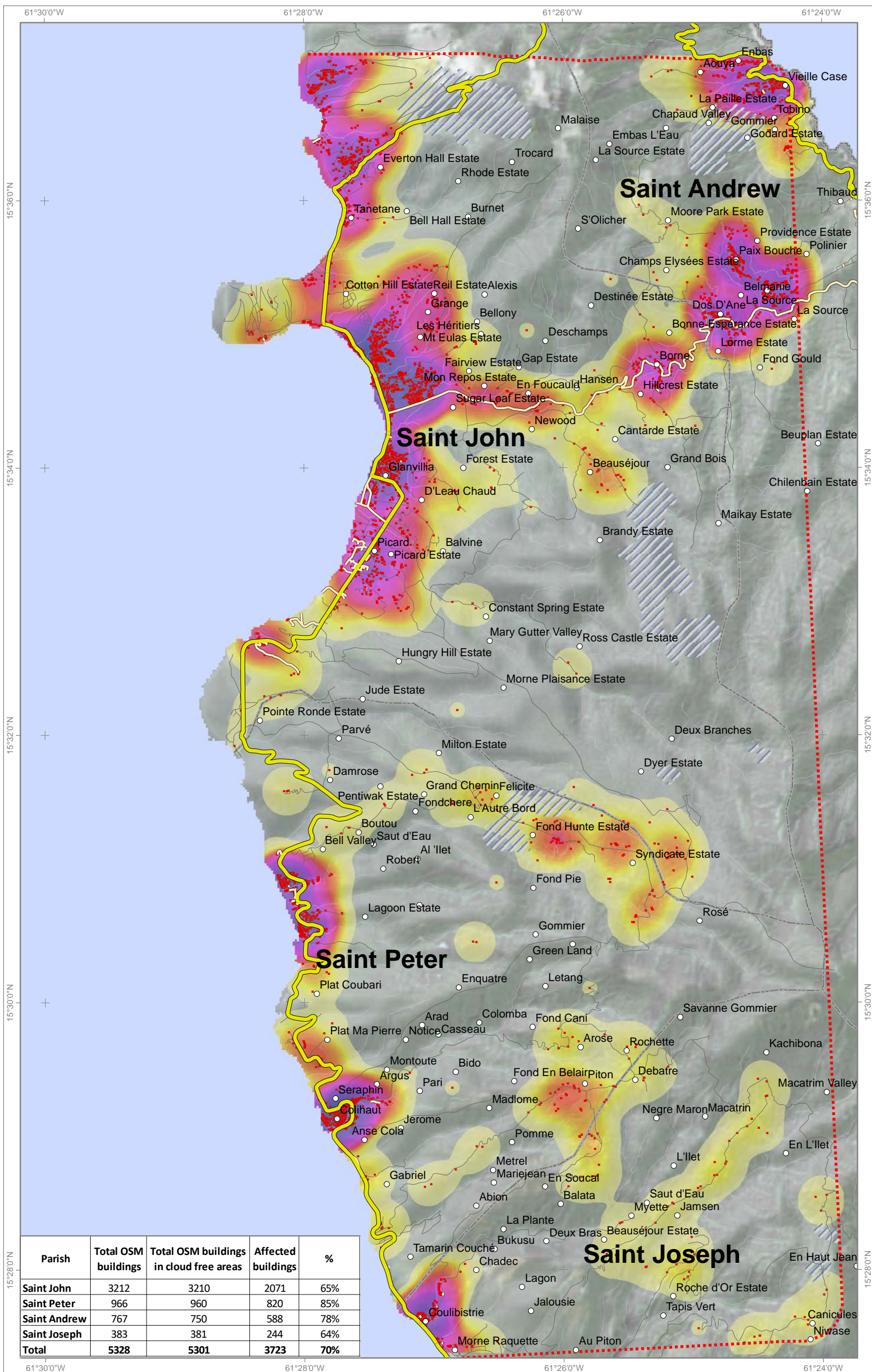
Damage Density in the North-western Part of Dominica

This map illustrates potentially damaged structures and buildings in the north-western part of Dominica (St. John, St. Andrew, St. Peter & St. Joseph Parishes) as detected by satellite image acquired after landfall of the Tropical Cyclone Maria-17 on 19 September 2017. UNITAR-UNOSAT analysis used a Pleiades images acquired on 20 and 23 September 2017 as post imagery. Within the extent of this map UNITAR-UNOSAT identified in the cloud free zones about 3723 potentially damaged structures. Taking into account the pre-building footprints provided by Humanitarian OpenStreetMap, this represents about 70 % 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.

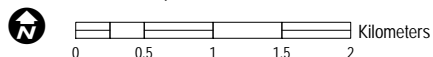
Legend

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

Low damage density



Map Scale for A3: 1:55,000



Analysis conducted with ArcGIS v10.4.1

Coordinate System: WGS 1984 UTM Zone 20N
Projection: Transverse Mercator
Datum: WGS 1984
Units: Meter

Satellite Data (Post): Pleiades
Imagery Date: 20 & 23 September 2017
Resolution: 50 cm
Copyright: CNES 2017, Distribution Airbus Defence and Space
Source: Airbus Defence and Space
Satellite Data (Pre): Komsat-3

Imagery Date: 05 May 2015
Resolution: 70 cm
Copyright: KARI
Source: KARI
Baseline Data: Humanitarian OpenStreet Maps (21/09/2017)
Analysis/Production: UNITAR - UNOSAT

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