









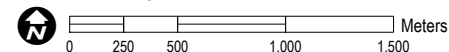
Damage density of Ar Raqqa, Ar Raqqa Governorate, Syria

This map illustrates satellite-detected damage density in the city of Ar Raqqa, Syrian Arab Republic. Using satellite imagery acquired 21 October 2017, 03 February 2017, 29 May 2015, 12 February 2014, 22 October 2013, UNITAR - UNOSAT identified a total of 12,668 affected structures within the city. Approximately 3,289 of these were destroyed, 3,924 severely damaged, and 5,455 moderately damaged. While some damaged was present by 3 February, most of the damaged occurred between that date and 21 October 2017 when 10,991 structures were newly damaged and 64 structures experienced an increase in damage. This analysis does not include pre-war military bases and facilities. This is a preliminary analysis and has not yet been validated in the field. Please send ground feedback to UNITAR - UNOSAT.

Legend

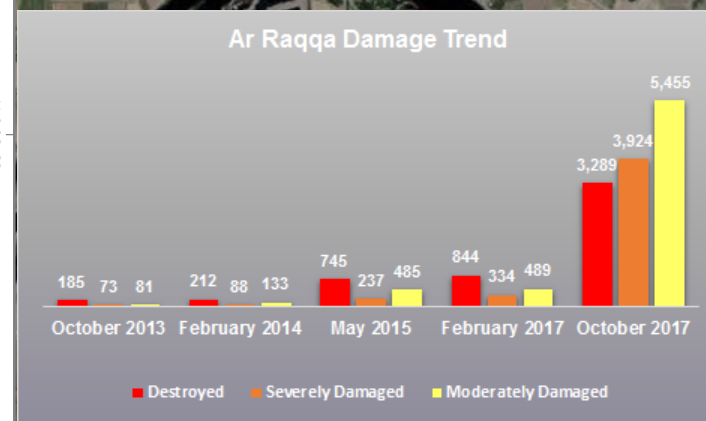
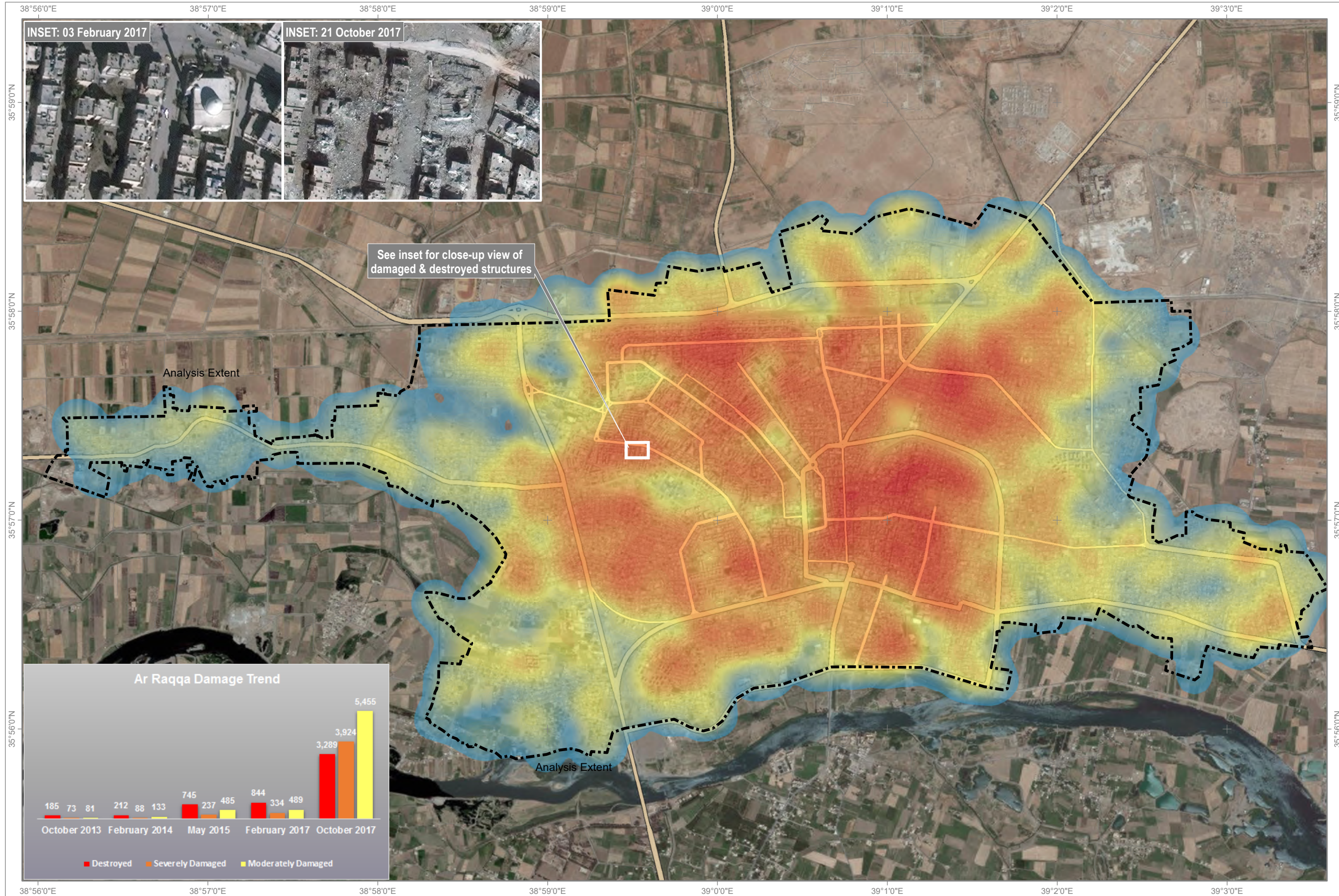
-  City boundary
-  Primary road
-  Secondary road
-  Local road
- Damage Site Density Index**
-  High
-  Low

Map Scale for A3: 1:35,000



Analysis conducted with ArcGIS v10.4.1

Coordinate System: WGS 1984 UTM Zone 37N
Projection: Transverse Mercator
Datum: WGS 1984
Units: Meter



Satellite Data (1): Worldview-3
Imagery Date: 21 October 2017
Resolution: 30 cm
Copyright: DigitalGlobe, Inc.
Source: Department of State, Humanitarian Information Unit,
NextView License

Satellite Data (2): WorldView-2
Imagery Dates: 03 February 2017, 12 February 2014
Resolution: 50 cm
Copyright: DigitalGlobe, Inc.
Source: Department of State, Humanitarian Information Unit,
NextView License

Satellite Data (3): Multiple previous images
Road Data: OpenStreetMap
Other Data: USGS, UNCS, NASA, NGA, HDX
Analysis: UNITAR - UNOSAT
Production: UNITAR - UNOSAT

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