Damage assessment of Ar Raqqā, Ar Raqqā Governorate, Syria

This map illustrates satellite-detected damage in the city of Ar Raqqā, Syrian Arab Republic. Using satellite imagery acquired 03 February 2017, 29 May 2015, 12 February 2014, 22 October 2013, UNITAR - UNOSAT identified a total of 1,840 affected structures within the city. Approximately 948 of these were destroyed, 351 severely damaged, and 541 moderately damaged. While some of the city was damaged by 29 May 2015, 312 structures were newly damaged and 21 structures experienced an increase in damage between that date and 03 February 2017. This analysis does not include pre-war military bases and facilities. This analysis was done as part of the REACH initiative for the U.S. Office of Foreign Disaster Assistance. This is a preliminary analysis and has not yet been validated in the field. Please send ground feedback to UNITAR - UNOSAT.

Legend
- Destroyed
- Severe damage
- Moderate damage
- Primary road
- Secondary road
- Local road

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-2
Imagery Dates: 03 February 2017, 12 February 2014
Resolution: 50 cm
Copyright: DigitalGlobe Inc.
Source: Department of State, Humanitarian Information Unit, NearRealtime License

Satellite Data (2): Pleiades
Imagery Dates: 29 May 2015
Resolution: 50 cm
Copyright: CNES (2015), Distribution Airbus DS
Source: Airbus Defense and Space

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

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