Damage assessment of Old City, Mosul, Ninawa Governorate, Iraq

This map illustrates satellite-detected damage in Old City, Mosul, Ninawa Governorate, Iraq. Using satellite imagery acquired 30 June 2017, UNITAR-UNOSAT identified a total of 5,536 affected structures within this part of city. This marks an overall increase of 37% in damage affected structures from the assessment fourteen days prior on 16 June. Approximately 490 of these were destroyed (9% of the total affected buildings), 3,310 severely damaged (60% of the total affected buildings) and 1,736 moderately damaged (31% of the total affected buildings). This marks a 150% increase in destroyed buildings, 0% in moderately damaged buildings and 57% severely damaged buildings from the 16 June assessment. The most heavily impacted area appears to be the Ammu Bzaqal neighbourhood (see inset). Due to the densely constructed nature of this part of the city, these values might be underestimated. This is a preliminary analysis and has not yet been validated in the field. Please send ground feedback to UNITAR - UNOSAT.

Legend
- Church
- Mosque
- Park / Stadium
- Old City
- Primary road
- Secondary road
- Local / urban road

Map Scale for A3: 1:18,000

Analysis conducted with ArcGIS 10.4.1
Coordinate System: WGS 1984 UTM Zone 38N
Projection: Transverse Mercator
Datum: WGS 1984

Satellite Data (1): WorldView-2
Imagery Date: 30 June 2017
Resolution: 50 cm
Copyright: DigitalGlobe, Inc.
Source: Department of State, Humanitarian Information Unit, NextView License

Satellite Data (2): WorldView-2
Imagery Date: 15 November 2013
Resolution: 50 cm
Copyright: DigitalGlobe, Inc.
Source: Department of State, Humanitarian Information Unit, NextView License

Road Data: OpenStreetMap
Other Data: USGS, UNOSAT, NASA, NGA
Analysis: UNITAR - UNOSAT
Production: UNITAR - UNOSAT

The depiction and use of boundaries, geographic names and related data shown here are not warranted to be error-free nor do they imply official endorsement or acceptance by the United Nations. UNOSAT is a program of the United Nations Institute for Training and Research (UNITAR), providing satellite imagery and related geographic information, research and analysis to UN humanitarian & development agencies & their implementing partners. This work by UNITAR-UNOSAT is licensed under a CC BY-NC 3.0.