

DAMAGE ASSESSMENT OF SINJAR AREA, NINEVEH PROVINCE, IRAQ

Analysis with Pleiades, WorldView-2, WorldView-1 & GeoEye-1 Data Acquired 18 & 28 November 2015, 30 December 2014 & 07 August 2014

This map illustrates satellite-detected damage and destruction in the Sinjar area of Nineveh Province, Iraq. Using satellite imagery acquired 18 and 28 November 2015, 30 December 2014, and 07 August 2014, UNITAR - UNOSAT identified a total of 1,780 potentially affected structures. Approximately 544 of these were destroyed, 473 severely damaged, 457 moderately damaged, and 306 possibly damaged. Note that due to less-than-ideal imagery characteristics the error margin for this analysis is likely higher than usual, and due to terrain distortion the spatial accuracy is +/- 15 meters. This is a preliminary analysis and has not yet been validated in the field. Please send ground feedback to UNITAR - UNOSAT.

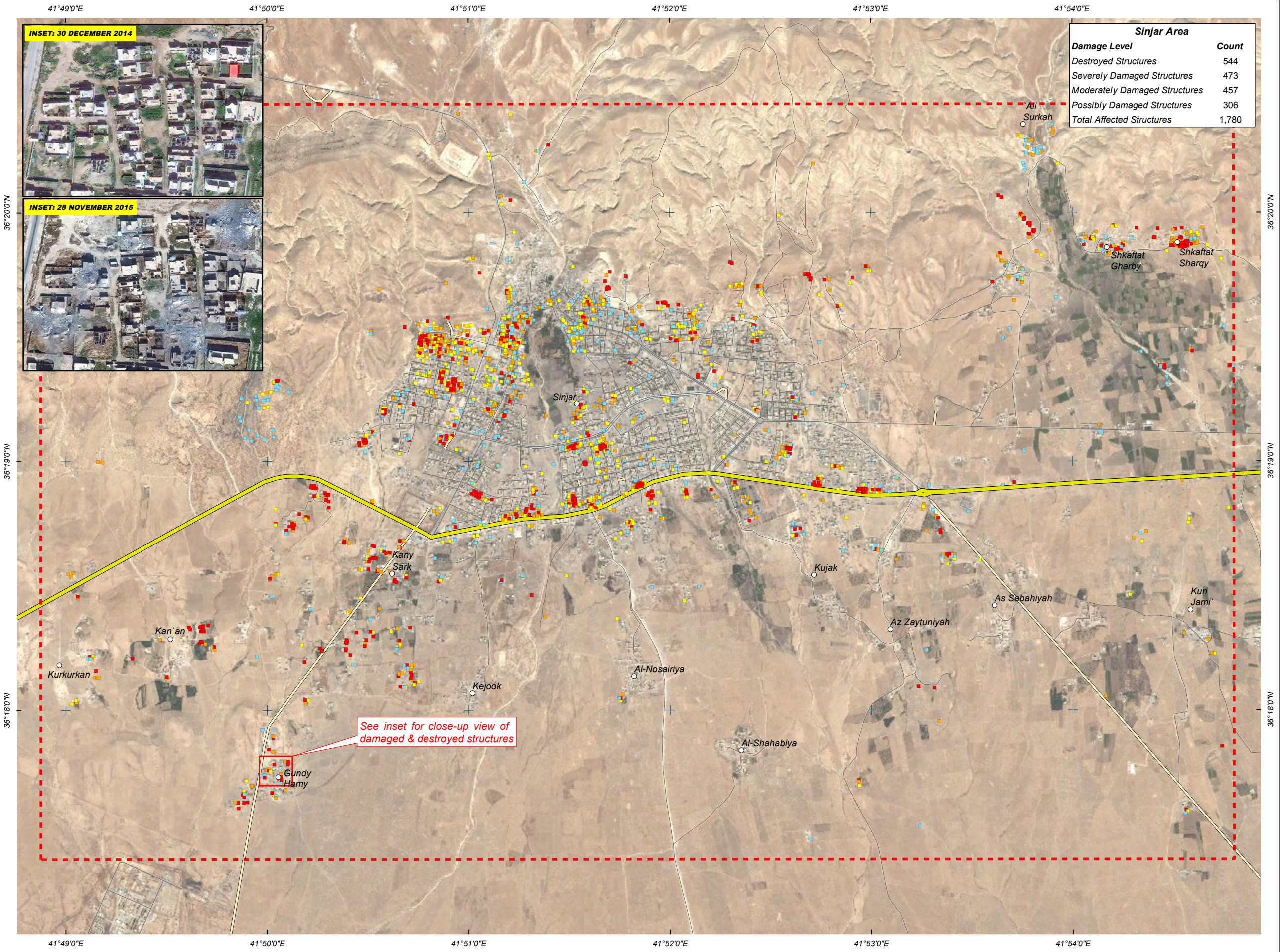
Complex
Emergency



Production Date:
12/2/2015

Version 2.0

Activation Number:
CE20140613IRQ



LEGEND

- Settlement
- Destroyed
- Severe Damage
- Moderate Damage
- Possible Damage
- Highway / Primary Road
- Secondary Road
- Local / Urban Road
- Analysis Extent



Map Scale for A3: 1:28,000
0 0.25 0.5 0.75 1 Kilometers

Satellite Data (1): WorldView-2, GeoEye-1, WorldView-1
Imagery Dates: 28 November 2015, 30 December 2014, 07 August 2014
Resolution: 50 cm
Copyright: DigitalGlobe, Inc.
Source: US Department of State, Humanitarian Information Unit, NextView License
Satellite Data (2): Pleiades
Imagery Date: 18 November 2015
Resolution: 50 cm
Copyright: CNES (2015), Distribution AIRBUS DS
Source: Airbus Defense and Space
Road Data : OpenStreetMap (via bbbike)
Other Data: USGS, UNCS, NASA, NGA
Analysis : UNITAR - UNOSAT
Production: UNITAR - UNOSAT
Analysis conducted with ArcGIS v10.3

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

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 and development agencies and their implementing partners.

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