

DENSITY OF DAMAGE ASSESSMENT IN GAZA STRIP, OCCUPIED PALESTINIAN TERRITORY

Complex
Emergency

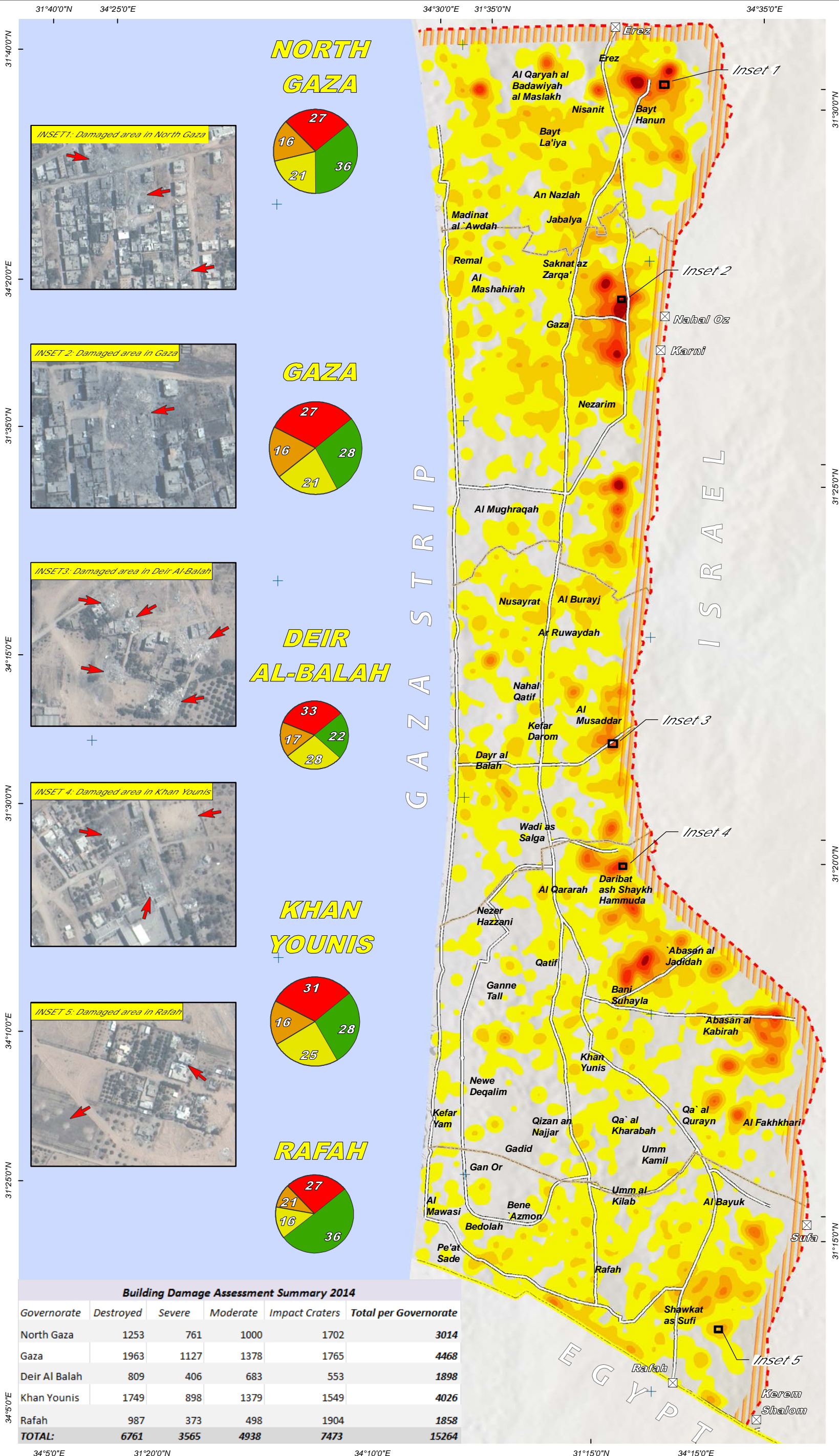
Production Date:
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Analysis with Pleiades Data Acquired 14, 27 & 28 August 2014 and 6 July 2014

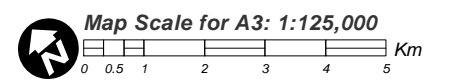
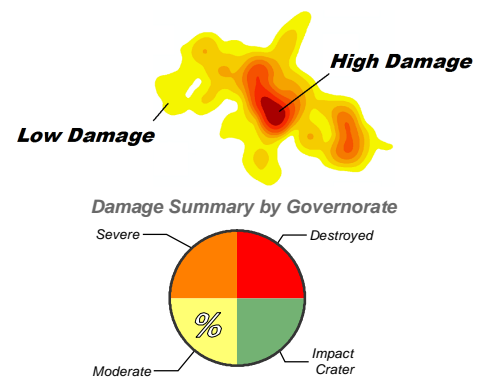


This map illustrates satellite-detected damage and destruction in the Gaza Strip, resulting from recent conflicts in the area. Using satellite imagery collected 14, 27 & 28 August 2014 by the Pleiades satellite, and compared with a pre-crisis Pleiades image collected 6 July 2014, UNOSAT analysis has identified 6,761 destroyed structures, 3,565 severely damaged structures, and 4,938 moderately damaged structures in the analysed area. In addition, 7,473 craters on roads and in agricultural and non-urbanized areas are also visible in the crisis images. Note that a few areas along the border with Israeli were analyzed in less detail as imagery contained reduced resolution in these areas. This is a preliminary analysis and has not yet been validated in the field. Please send ground feedback to UNITAR/UNOSAT.

LEGEND

- Capital
- Border Crossing Point
- Primary Road
- International Boundary
- Governorate Boundary
- Armistice Demarcation Line
- Gaza Border Free Fire Zone

Relative Spatial Density of Building Damages Destroyed, Severe and Moderately Damaged (Excluding Impact Craters)



Satellite Data: Pleiades
 Imagery Dates: 6 July 2014 and 14, 28, 28 August 2014
 Resolution: 50 cm
 Copyright: CNES 2014, Distribution Airbus Defense and Space
 Source: Airbus Defense and Space
 Road Data: Google Map Maker / OSM / ESRI
 Other Data: USGS, UNCS, NASA, NGA, OCHA
 Analysis: UNITAR / UNOSAT
 Production: UNITAR / UNOSAT
 Analysis conducted with ArcGIS v10.2

Coordinate System: WGS 1984 UTM Zone 36N
 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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