

DAMAGE TO AGRICULTURAL FIELDS, GAZA STRIP - OCCUPIED PALESTINIAN TERRITORY

Analysis with Landsat-8 Data Acquired 7 July and 30 July 2014

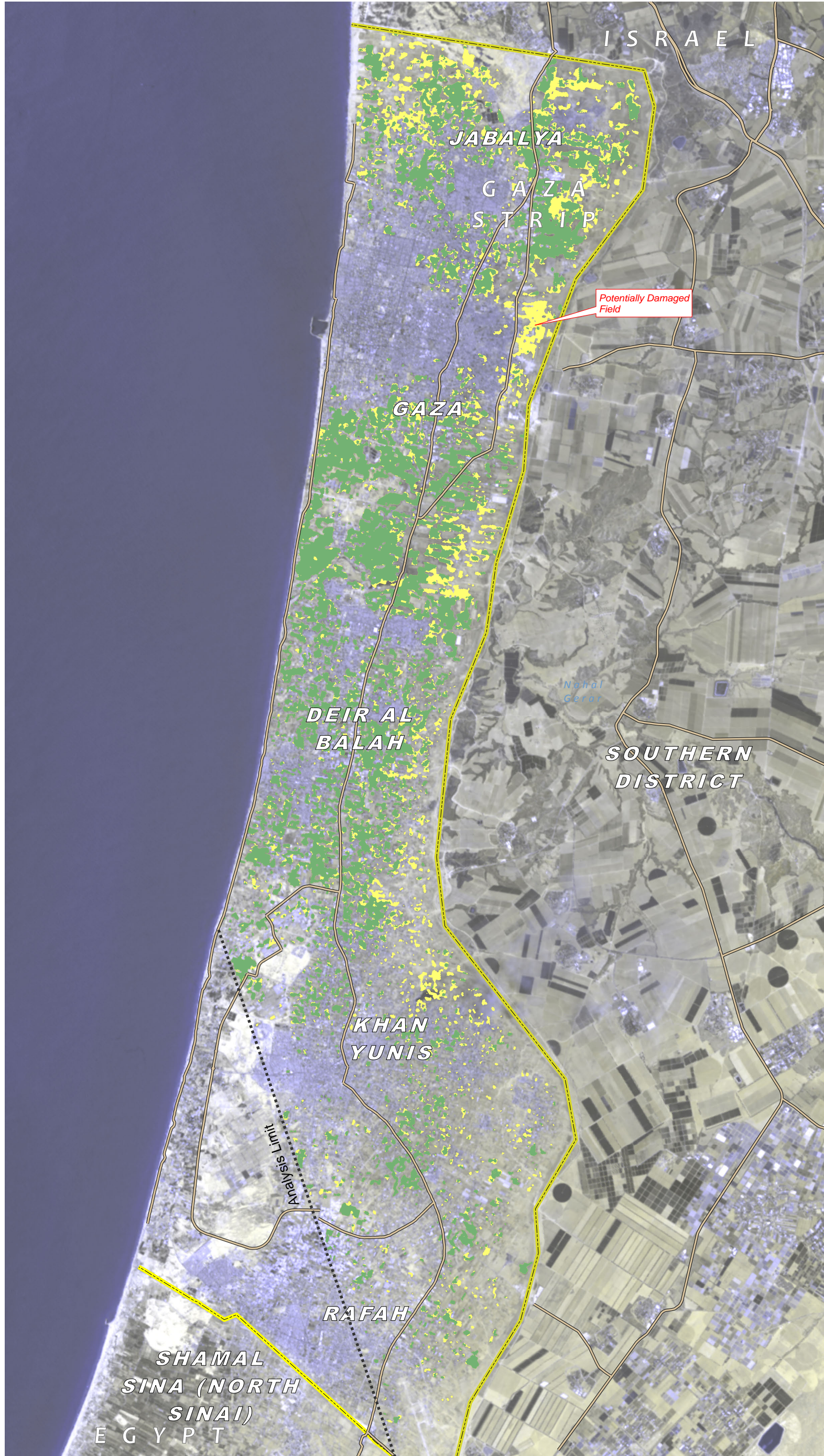
Complex
Emergency



Production Date:
05/08/2014

Version 1.0

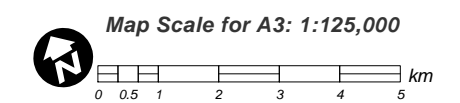
Glide Number:
CE20140715PSE



This map illustrates satellite-detected changes in agricultural fields of the Gaza Strip resulting from ongoing violence in the area. Using a satellite image collected 30 July 2014 by the Landsat-8 satellite, and compared with a pre-crisis Landsat-8 image collected 7 July 2014, UNOSAT analyzed the Normalized Difference Vegetation Index for agricultural fields to locate areas of significant change. UNOST analysis indicates that ~300 ha hectares of agricultural fields that have likely been razed or heavily damaged in the intervening period. This is a preliminary analysis and has not yet been validated in the field. Please send ground feedback to UNITAR/UNOSAT.

LEGEND

- Primary Road
- 1949 Armistice Line
- UNOSAT Analysis Extent
- Agricultural Field Unchanged (30 July 2014)
- Agricultural Field Denuded (30 July 2014)



Satellite Data (1): Landsat-8
Imagery Dates: 30 July 2014
Resolution: 28.5 cm
Copyright: USGS
Source: USGS
Satellite Data (2): Landsat-8
Imagery Date: 07 July 2014
Resolution: 28.5 cm
Copyright: USGS
Source: USGS
Road Data : OSM, ESRI
Other Data: USGS, UNCS, NGA
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

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UNOSAT

Contact Information: unosat@unitar.org
24/7 Hotline: +41 76 487 4998
www.unitar.org/unosat