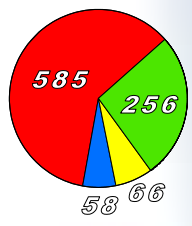


SATELLITE - BASED GAZA DAMAGE ASSESSMENT OVERVIEW

GAZA NORTH

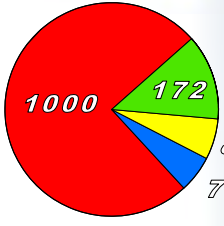
Summary of Gaza Damages by Type:

1. Buildings: Destroyed & Severely Damaged = 2,692



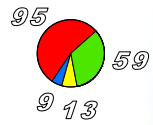
GAZA

2. Impact Craters on Roads & Bridges = 220. Est. length of Paved and Unpaved Roads/Tracks damaged = 167km



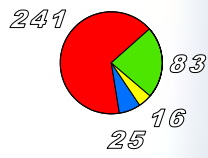
MIDDLE AREA

3. Impact Craters on Open Ground/Cultivated Land = 714 Damaged / Destroyed Cultivated Land Area = 2,100 ha



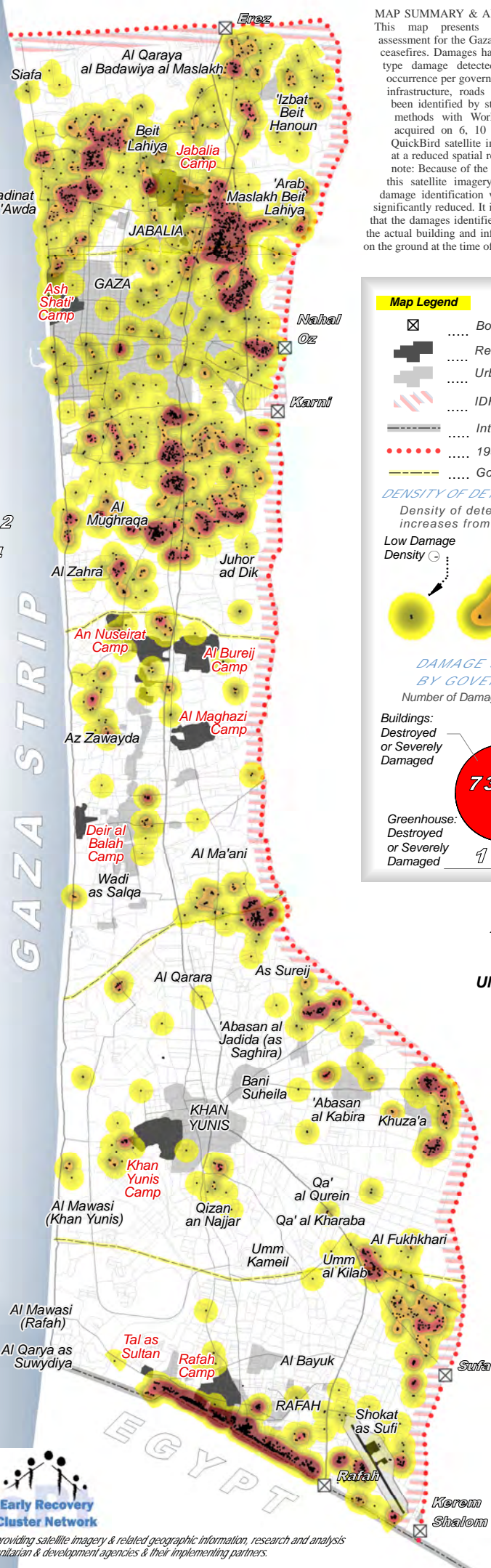
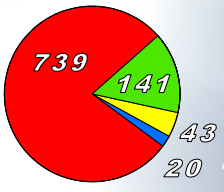
KHAN YUNIS

4. Greenhouses Destroyed/Severely Damaged = 187. Est. Area of Greenhouses = 28ha



RAFAH

5. Demolition Zones: Est. area targeted by IDF bulldozers, tanks & phosphorus shelling for demolition = 2,242 ha



MAP SUMMARY & ANALYSIS DESCRIPTION:
This map presents a satellite-based damage assessment for the Gaza Strip following the January ceasefires. Damages have been summarized by the type damage detected and by their estimated occurrence per governorate. Damages to buildings, infrastructure, roads and demolition areas have been identified by standard image interpretation methods with WorldView-1 satellite imagery acquired on 6, 10 and 19 January 2009, and QuickBird satellite imagery of 21 January 2009, at a reduced spatial resolution of 2 meters. Please note: Because of the reduced spatial resolution of this satellite imagery, the confidence level for damage identification within dense urban areas is significantly reduced. It is highly probable, therefore, that the damages identified in this map underestimate the actual building and infrastructure damages present on the ground at the time of satellite image acquisition.

Map Legend

- Border Crossing Point
- Refugee Camp
- Urban / Builtup Zone
- IDF Security Zone
- International Border
- 1950 Armistice Line
- Governorate Boundary

DENSITY OF DETECTED DAMAGES
Density of detected damages increases from yellow to red

Low Damage Density → High Damage Density

DAMAGE SUMMARY BY GOVERNORATE
Number of Damage Sites by Type

Damage Type	Count
Buildings: Destroyed or Severely Damaged	73
Crater (Field)	43
Impact Crater (Road)	12
Greenhouse: Destroyed or Severely Damaged	11

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Satellite Image WorldView-1 & QuickBird
Resolution 2m (Reduced Resolution)
Imagery Dates 21, 19, 10 & 6 January 2009
Copyright NextView - Digital Globe (2008)
Damage Analysis UNOSAT
GIS Data UNRWA, OCHA, UNDP, WHO, UNOSAT
Projection UTM Zone 36 North- WGS-84



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 & related geographic information, research and analysis to UN humanitarian & development agencies & their implementing partners.

GAZA MAP FRAME ROTATED 41 DEGREES FROM NORTH