

POST-EXPLOSION SATELLITE IMAGERY OF GERDEC MUNITIONS DEPOT - AFFECTED HIGH RISK ZONE (800M) - ALBANIA

This map presents a post-explosion Formosat-2 satellite image recorded 23 March 2008 over the affected 800m High Risk Zone surrounding the destroyed munitions depot. Buildings within this zone were estimated to be 240, including 16 buildings directly associated with the depot. Explosion craters have been identified as well as the primary easterly direction of the blast due to the mountains surrounding the depot on three sides.

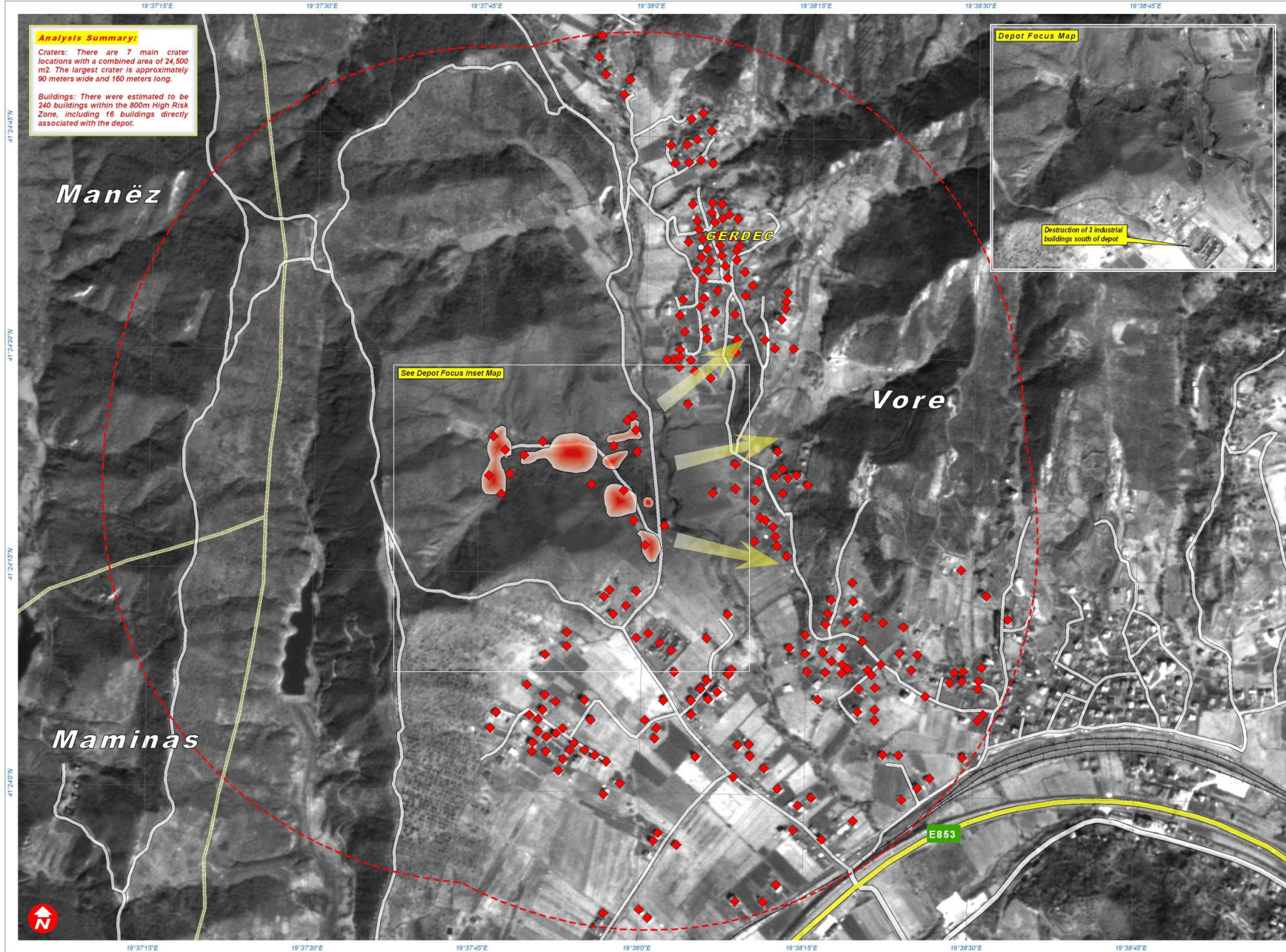
**Formosat-2
Satellite Image
Recorded 23
March 2008** NSPO

Explosion 27 March 2008

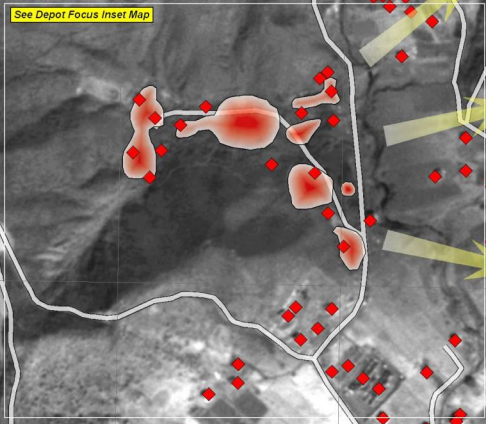


Version 1.1

Glide No:
AC-2008-000036-ALB



Analysis Summary:
Craters: There are 7 main crater locations with a combined area of 24,500 m². The largest crater is approximately 90 meters wide and 160 meters long.
Buildings: There were estimated to be 240 buildings within the 800m High Risk Zone, including 16 buildings directly associated with the depot.



Event Summary: Massive explosions near the Albanian capital of Tirana on 15 March 2008, have badly affected three villages. According to information received from the local authorities a number of buildings, including homes, have been totally destroyed and 90 per cent of the population living in those villages have been evacuated and accommodated with relatives who live in the nearby area. Explosions continued for many hours until 14:00 on 16 March close to the village of Gerdec, 16 kilometers from Tirana. The government has declared a state of emergency for this area and emergency commissions have been set up at central and local level. IFRG-Information Bulletin No 1 (15 March 2008)

Map Legend

- Capital
- Town / Village
- Highway
- Main Road
- Local Road
- Munitions Depot (Overview Map)
- Industrial Facility
- Railroad
- Comune Boundary

High Risk Zone (800 meter Radius) Symbols:

- High Risk Zone (800 meter radius from Depot)
- Explosion Craters
- Main Blast Direction
- Building within 800m High Risk Zone

Map Scale for A3: 1:7,500
1 centimeter equals 77 meters

Meters: 0 50 100 200 300

Satellite Data: Formosat 02
Imagery Date: 23 March 2008
Image Resolution: 2 meters
Image Copyright: NSPO 2008
Road Data: National Mapping Agency
GIS Data: NGA, USGS, ESR
Map Production: UNOSAT (27 March 2008)
Projection: GK Zone 4
Datum: Albanian 1987

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