VILLAGE DAMAGE ATLAS: FROM KEKHVI TO TSKHINVALI, SOUTH OSSETIA, GEORGIA

Damage Assessment with WorldView-1 & Formosat-2 Satellite Imagery Recorded on 19 August 2008

This atlas maps presents a satellite-based damage assessment for the affected areas between Kekhvi and Tskhinvali, South Ossetia, Georgia following the armed conflict between Georgian and Russian military forces in August 2008. Damaged buildings have been identified with WorldView-1 and Formosat-2 satellite imagery recorded on 19 August 2008. Buildings within the mapped extent of this atlas sheet are described in the damage summary box below. Affected buildings have been classified as destroyed or severely damaged. An important preliminary finding of this satellite damage analysis is the observed heavy concentration of damages within clearly defined residential areas. Please note, this is an initial damage assessment based on available imagery. We request immediate access to the ground. Please send additions/corrections to UNOSAT.

Damage Summary for Buildings within Map Extent:
Total estimate of affected buildings = 252
- 183 buildings have likely been destroyed
- 67 buildings have likely been severely damaged

Map Legend:
- Building
  - Likely Destroyed
  - Building Likely Severely Damaged

Map Scale for A3: 1:9,250

Satellite Data
WorldView-1
Resolution
50 cm
Imagery Date
18 August 2008
Copyright
Source
U.S. Department of State - HSU
Acquis. Rules
North/south "ELUA" - 2009
Additional Imagery
Formosat- 2 (panchromatic)
Imagery Copyright
NSPO 2008
Imagery Date
19 August 2008

Damage Analysis
UNOSAT
Project
OSLO Civilian Zone III
Date
Pulvaro 1996

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