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 map 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 acquired on 19 August. Buildings within the mapped extent of this atlas sheet are described in the damage summary box below. Affected buildings have been classified either 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 images acquired from the satellite platform. Further evaluation, on the ground. Please send additions/ corrections to UNOSAT.

Damage Summary for Buildings within Map Extent:
Total estimate of affected buildings = 199
Of this number:
- 102 buildings have likely been destroyed
- 47 buildings have likely been severely damaged

Map Legend:
- Approximate South Ossetia Boundary
- SATELLITE DAMAGE ASSESSMENT
  - Building Likely Destroyed
  - Building Likely Severely Damaged
- SATELLITE IMAGE REFERENCES
- Demolition Buildings & Arch Prep
- Industrial Construction Area
- River & Functional Bridge
- Minor Road & Cultivated Area

Map Scale for A3: 1:9,250

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