Damage Assessment with Ikonos & WorldView-1 Satellite Imagery Recorded on 10 & 19 August 2008

Map Inset 1: Illustration of Damages Occurring between the dates of 10 August & 19 August 2008

Total estimate of affected buildings is 294. Affected building sub-totals by degree:
- 222 buildings have likely been destroyed & - 72 buildings have likely been severely damaged.

Damaged building sub-totals by date:
(5 damaged before 10 Aug 08 (08:22 GMT)
(11 damaged between 10 Aug 08 & 19 Aug 08)
There are an additional 13 suspected impact craters likely caused by artillery. Of this total, 9 occurred before 10 Aug 08 (08:22 GMT) & 4 between 10 Aug 08 & 19 Aug 08.

This map presents a satellite-based damage assessment for the affected villages of Eredvi, Berula & Argvitsi, South Ossetia, Georgia following the armed conflict between Georgian and Russian military forces in August 2008. Damage analyses have been conducted with Ikonos & WorldView-1 satellite imagery acquired on 10 & 19 August 2008. Buildings damaged have been classified as destroyed, severely damaged, damaged, likely destroyed, likely severely damaged, likely damaged, undamaged, or no visible damage. Further damage assessment requires on-the-ground investigation. In this damage assessment report, we present our view of the extent of damage.

The satellite-detected active fires also occurred daily supporting the date estimates. Severe building damage likely occurred on 10-19 August 2008 and the fire map may. Affected building-related damages may also have occurred on 22 August. This map presents a satellite-based damage assessment for the affected villages of Eredvi, Berula & Argvitsi, South Ossetia, Georgia following the armed conflict between Georgian and Russian military forces in August 2008. Damaged buildings have been identified with Ikonos & WorldView-1 satellite imagery acquired on 10 & 19 August 2008. Building damage categories have been categorized as destroyed, severely damaged, damaged, likely destroyed, likely severely damaged, likely damaged, undamaged, & no visible damage. Further damage assessment requires on-the-ground investigation. In this damage assessment report, we present our view of the extent of damage.

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This is an initial damage assessment and has not yet been independently validated on the ground. Please send additions/corrections to UNOSAT.