This map illustrates satellite-detected areas of building damage, road obstacles, damage to other infrastructure, tree fall areas due to tropical cyclone Evan in southern part of Upolu Island in Samoa as of 19 Dec 2012. Damage were detected using high-resolution satellite image Pleiades taken on 19 Dec 2012. Damages visible from the satellite are roof damage and complete destruction of the buildings which were detected comparing to pre disaster GEOEYE-1 image taken on 8 Oct 2012. It is likely that damages have been underestimated in places where damages did not occur in the roof but other parts of the structure. Road obstacles, tree fall and other infrastructure damages were detected in a similar manner comparing pre and post disaster images. This analysis has not yet been validated in the field. Please send ground feedback to UNITAR / UNOSAT.

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**Satellite Data (1):** Pleiades
Imagery Dates: 19 Dec 2012
Resolution: 0.5 m
Copyright: 2012 Astrium GEO-Information Services

**Satellite Data (2):** GEOEYE-1
Imagery Date: 08 Oct 2012
Resolution: 2.0 m
Copyright: GEOEYE
Source: MDS/USGS
Road Data: Google Map Maker / OSM / ESRI
Other Data: USGS, UNCS, NASA, NGA, AIR, UNITAR / UNOSAT
Analysis: UNITAR / UNOSAT
Production: UNITAR / UNOSAT
Analysis conducted with ArcGIS v10.1

**Map Scale for A3:** 1:25,000

**Coordinate System:** WGS 1984 UTM Zone 2S
Datum: WGS 1984
Units: Meter
Projection: Transverse Mercator

**Disaster coverage by the International Charter 'Space and Major Disasters'**
For more information on the Charter, which is about assisting the disaster relief organizations with multi-satellite data and information, visit www.disasterscharter.org

**Copyright:** GEOEYE
Resolution: 0.5 m
Imagery Dates: 19 Dec 2012
Satellite Data (1): Pléiades
Copyright: 2012 Astrium GEO-Information Services
Resolution: 2.0 m
Imagery Dates: 08 Oct 2012
Satellite Data (2): GEOEYE-1
Copyright: GEOEYE
Resolution: 2.0 m
Imagery Dates: 08 Oct 2012

**Units:** Meter
**Datum:** WGS 1984
**Projection:** Transverse Mercator
**Coordinate System:** WGS 1984 UTM Zone 2S
**Units:** Meter

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