



unitar

United Nations Institute for Training and Research

UNOSAT

Production Date: 13/11/2013

Version 1.0

Activation Number: TC20131108PHL



DESTRUCTION IN TAGLOBAN CITY, LEYTE PROVINCE, PHILIPPINES

As seen in WorldView-2 imagery collected 10 November 2013

10 November 2013



Copyright DigitalGlobe 2013

A portion of Tacloban City almost completely eradicated by Typhoon Haiyan. See Figure 1 (next page) for pre-disaster comparison.

Center Coordinates: 125°1'58.09"E 11°13'14.13"N

UNITAR / UNOSAT

unosat@unitar.org

Palais des Nations,

Geneva, Switzerland

T: +41 22 767 4020

24/7 hotline: +41 76 487 4998

www.unitar.org/unosat

Satellite Data (1): WorldView-2
Imagery Dates: 10 November 2013
Resolution: 50 cm
Copyright: DigitalGlobe
Source: USGS / HDDS
Satellite Data (2): Various
Imagery Date: Pre-Crisis
Copyright: Microsoft
Source: Bing

Road Data : Google Map Maker /
OSM / ESRI
Other Data: USGS, UNCS, NASA,
NGA
Analysis : UNITAR / UNOSAT
Production: UNITAR / UNOSAT
Analysis conducted with ArcGIS
v10.1

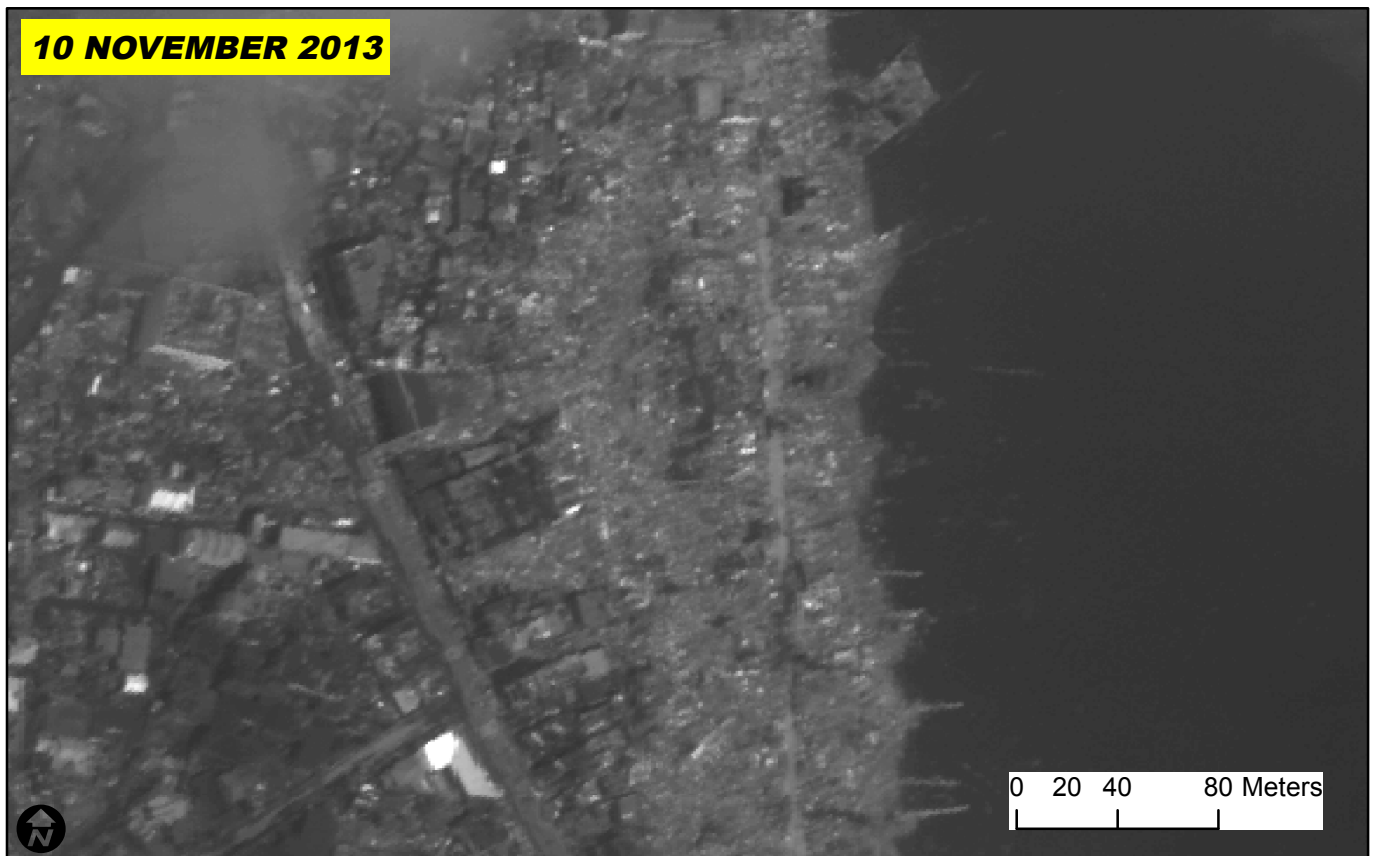


Disaster coverage by the International Charter 'Space and Major Disasters'. For more information on the Charter, which is about assisting the disaster relief organizations with multi-satellite data and information, visit www.disasterscharter.org

The depiction and use of boundaries, geographic names and related data shown here are not warranted to be error-free nor do they imply official endorsement or acceptance by the United Nations. UNOSAT is a program of the United Nations Institute for Training and Research (UNITAR), providing satellite imagery and related geographic information, research and analysis to UN humanitarian and development agencies and their implementing partners.

This work by UNITAR/UNOSAT is licensed under a Creative Commons Attribution-NonCommercial-ShareAlike 3.0 Unported License.

Figure 1: Destruction in Tacloban City



An eastern portion of the city of Tacloban with multiple structures, docks, and tree cover visible intact in pre-crisis image (top) collected prior to Typhoon Haiyan. As of 10 November 2013 (bottom) most structures are gone with proximate debris indicative of complete destruction, and most tree cover likewise destroyed.

This is a preliminary assessment and has not yet been validated in the field. Please send feedback to UNITAR/UNOSAT at the contact information below.

UNOSAT Contact:

E-mail: unosat@unitar.org

T: +41 22 767 4020 (UNOSAT Operations)

T: +41 22 767 4137 (UNOSAT Management)

F: +41 22 766 9145

24/7 hotline: +41 76 487 4998



UNOSAT

Post address

UNOSAT / UNITAR
Palais des Nations
CH-1211 Geneva 10
Switzerland

Visiting address

UNOSAT / UNITAR
International Environment House
Chemin des Anémones 11-13
CH-1219 Châtelaine, Geneva - Switzerland

Send us GEO-PICTURES from disasters worldwide. Scan QR code or download free UN-ASIGN APP here:



<http://download.ansur.no/assign-un.apk>



<https://itunes.apple.com/app/un-assign/id507125097?mt=8>