

LANDSLIDE INDUCED DAM OVER TONZANG TOWNSHIP, CHIN DIVISION, MYANMAR

Analysis with Pleiades Data Acquired 16 September 2015 and WorldView-2 Data Acquired 12 January 2013 and 17 October 2015

This map illustrates satellite-detected waters over Tonzang township, Chin Division, Myanmar. UNITAR-UNOSAT analyzed imagery collected by the WorldView-2 satellite on 17 October 2015 to assess the status of a landslide induced dam in Tonzang township. Imagery shows that there has been an increase in the satellite detected waters in the area and a total of 54 hectares are covered by water as of 17 October 2015. This means an increase of 59%

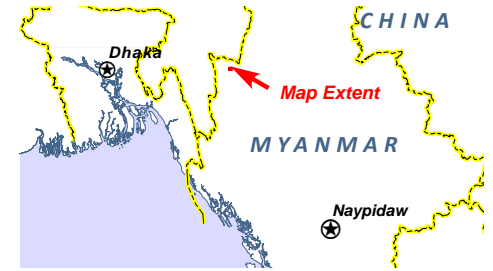
since last UNOSAT analysis with imagery from 16 September 2015 when 34 hectares of land were covered by water. The increase on the satellite detected waters might have been slightly overestimated as extensive cloud cover in the area as of 16 September prevented UNOSAT from analyzing certain areas of the landslide. This is a preliminary analysis & has not yet been validated in the field. Please send ground feedback to UNITAR / UNOSAT.

Production Date:

21/10/2015

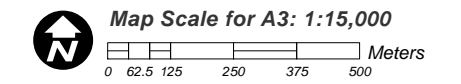
Version 1.0

Activation Number:
FL-2015-000089-MMR



LEGEND

- Satellite detected waters as of 16 September 2015
- Satellite detected waters as of 17 October 2015



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



Satellite Data (1): Pleiades
Imagery Dates: 16 September 2015
Resolution: 50 cm
Copyright: © CNES (2015)
Source: Airbus Defense and Space all rights reserved

Satellite Data (2): Worldview-2
Imagery Date: 17 October 2015
Copyright: DigitalGlobe Inc
Source: European Space Imaging

Satellite Data (3): Worldview-2
Imagery Date: 12 January 2013
Copyright: DigitalGlobe Inc
Source: USGS/HDSS

Road Data : Google Map Maker / OSM / ESRI
Other Data: USGS, UNCS, NASA, NGA
Analysis : UNITAR / UNOSAT
Production: UNITAR / UNOSAT
Analysis conducted with ArcGIS v10.3

Coordinate System: WGS 1984 UTM zone 46N
Projection: Transverse Mercator
Datum: WGS 1984
Units: Meter

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