This map illustrates satellite-detected surface waters in Quang Nam Province of Viet Nam as observed from a Sentinel-1 image acquired on 30 October 2020 at about 05:35 am local time. Within the analyzed area of about 8,000 km², a total of about 80 km² of lands appear to be flooded. The water extent appears to have increased of about 50 km² since 25 October 2020. Based on Worldpop population data and the detected surface waters, about 45,000 people are potentially exposed or living close to flooded areas. This is a preliminary analysis and has not yet been validated in the field. Please send ground feedback to UNITAR-UNOSAT.

Important Note: Flood analysis from radar images may underestimate the presence of standing waters in built-up areas and densely vegetated areas due to backscattering properties of the radar signal.

Legend
- City / Town
- Primary Road
- Local Road
- Railway
- Province boundary
- District boundary
- Reference water
- Satellite detected water [30 October 2020]
- Satellite detected water [25 October 2020]

Map Scale for A3: 1:300,000

Coordinate System: WGS 1984 UTM Zone 48N
Projection: Transverse Mercator
Datum: WGS 1984
Units: Meter

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 & development agencies & their implementing partners. This work by UNITAR-UNOSAT is licensed under a CC BY-NC 3.0.

Satellite Data: Sentinel-1
Imagery Date: 30 and 25 October 2020
Resolution: 10 m

Copyright: Contains modified Copernicus Sentinel Data [2020]
Source: ESA

Administrative boundaries: OCHA ROAP
Population data: WorldPop [2020]
Reference Water: The European Commission’s Joint Research Centre
Road: Open Street Map
Background: ALOS Global DSM

Analysis: UNITAR - UNOSAT
Production: UNITAR - UNOSAT

Analysis conducted with ArcGIS v10.7

Tropical Cyclone
TC20201028VNM

Satellite-detected surface waters over Quang Nam Province of Viet Nam (13 - 30 October 2020)