This map illustrates satellite-detected surface waters in Minh Hoa and Tuyen Hoa district, Quang Binh province as observed from a Kompsat-5 image acquired on 19 October 2020. Within the analyzed area of about 900 km², a total of about 30 km² of lands appear to be flooded. Based on WorldPop population data and the detected surface waters, about 6,500 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
- Village
- Town
- Road
- District boundary
- Analysis extent
- Reference water
- Satellite detected water [19 October 2020]
- Satellite detected water [18 October 2020]

Administrative boundaries: OCHA ROAP
Population data: WorldPop [2020]
Reference Water: The European Commission’s Joint Research Centre
Road: Open Street Map
Background: NASA DEM
Analysis: UNITAR - UNOSAT
Production: UNITAR - UNOSAT

Map Scale for A3: 1:90,000

Analysis conducted with ArcGIS v10.7
Coordinate System: WGS 1984 UTM Zone 48N
Projection: Transverse Mercator
Datum: WGS 1984
Units: Meter

Imagery Data: KOMPSAT-5
Imagery Date: 19 October 2020
Resolution: 1 m
Copyright: KARI
Source: KARI