Satellite detected waters in Peten department of Guatemala as of 18 November 2020

This map illustrates satellite-detected surface waters in Peten department of Guatemala as observed from a Sentinel-1 image acquired on 18 November 2020 at 18:06 Local time. Within the analyzed area of about 3,400 km², a total of about 100 km² of lands appear to be flooded. Based on Worldpop population data and the detected surface waters, about 4,200 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
- City / Town
- Primary road
- Secondary road
- Tertiary road
- River
- International boundary
- Municipality boundary
- Analysis Extent
- Reference water
- Satellite detected water [18 November 2020]

Source: ESA
Administrative boundaries: Instituto Nacional de Estadística (INE)
Population data: WorldPop [2020]
Reference Water: The European Commission's JRC
Road: Open Street Map

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