**HONDURAS**

**Gracias a Dios Department**

Imagery analysis: 25 November 2020 | Published 26 November 2020 | Version 1.0

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Satellite detected waters in Gracias a Dios department of Honduras as of 25 November 2020

This map illustrates satellite-detected surface waters in Gracias a Dios department of Honduras as observed from a Sentinel-1 image acquired on 25 November 2020 at 05:30 Local time. Within the analyzed area of about 15,000 km², a total of about 330 km² of lands appear to be flooded. Based on WorldPop population data and the detected surface waters, about 3,000 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.

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**Legend**

- City / Town
- Road
- River
- International boundary
- Municipal boundary
- Analysis Extent
- Reference water
- Satellite detected water [25 November 2020]
- Satellite detected water [19 November 2020]

**Map Scale for A3: 1:500,000**

Analysis conducted with ArcGIS v10.7

Coordinates System: WGS 1984 UTM Zone 16N
Projection: Transverse Mercator
Datum: WGS 1984
Units: Meter

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