Satellite detected waters in Quezon Province, Bicol Region (Region V) of Philippines as of 12 November 2020

This map illustrates satellite-detected surface waters in Calauag and Lopez municipalities of Quezon province of Philippines as observed from a Sentinel-1 image acquired on 12 November 2020 at 05:38 local time. Within the analyzed area of about 260 km<sup>2</sup>, a total of about 20 km<sup>2</sup> of lands appear to be flooded. Based on WorldPop population data and the detected surface waters, about 8,300 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
- Railway
- Municipality boundary
- Reference water
- Satellite detected water [12 November 2020]