This map illustrates satellite-detected surface waters in Chittagong division, Bangladesh as observed from a Sentinel-1 image acquired on 30 July 2021 at 06:46 local time. Within the analyzed area of about 18,700 km² and, about 852 km² of lands appear to be flooded. The water extent appears to have decreased of about 18 km² since 27 July 2021. Based on Worldpop population data and the detected surface waters in the analyzed area, the potentially exposed population is mainly located in the district of Cox’s Bazar with ~425,000 people, Chittagong with ~392,000 people.

This is a preliminary analysis and has not yet been validated in the field. Please send ground feedback to United Nations Satellite Centre (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.