This map illustrates satellite-detected surface waters in Sudurpaschim and Lumbini provinces, Nepal as observed from a Sentinel-1 image acquired on 4 July 2021 at 18:38 local time and using an automated analysis with Machine learning method. Within the analyzed area of 7,055 km², about 170 km² of lands appear to be flooded. The water extent appears to have increased of about 159 km² since 30 June 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 Kailali with ~28,000 people, Banke with ~23,000 people, and Bardiya with ~21,000 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).