This map illustrates satellite-detected surface waters in Rajshahi, Rangpur, Mymensingh, Dhaka, and Khulna Divisions, Bangladesh as observed from a Sentinel-2 images acquired on 21 Jun. 2022 at 18:05 local time and using an automated analysis with machine learning method. Within the analyzed area of about 20,400 km², about 2,950 km² of lands appear to be flooded. Water extent appears to have increased of about 2,360 km² since 9 Jun. 2022.

Based on Worldpop population data and the detected surface waters in the analyzed area, the potentially exposed population is mainly located in the division of Rajshahi with ~1,335,000 people, Dhaka with 674,000 people, and Mymensingh with ~ 640,000 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.

Legend
- City/Town
- Village
- Primary road
- Trunk road
- River
- Administrative boundary
- Region boundary
- District boundary
- Analysis extent
- Permanent water bodies
- Satellite detected water [18 Jun. 2022]
- Satellite detected water [21 Jun. 2022]