

Flood situation report

Area: Bhote Koshi-Trishuli flood, Nepal | Event date: 26 August 2026 | Latest radar image: 5 September 2026

1. Where it flooded

Satellite images show 1,640 ha (16.4 km²) flooded or buried by debris. F010 F011

Of this, 230 ha is open water and 1,410 ha is debris or scour. F012 F014

The radar could not see 10,888 ha because of terrain shadow, so conditions there are unknown. F016

The places with the most buildings likely destroyed: Nuwakot, Betrawti, Bhainse, Dewighat, Nauwise Phant. F061

2. What was hit

Buildings: 2,974 likely destroyed and 631 possibly damaged, out of 188,933 mapped. F025 F021 F022

Roads: 99.6 km of road lies under mapped debris or water; the road sections that touch it total 224.6 km, out of 7,412.1 km mapped. F040 F034 F038

Bridges: 59 likely destroyed (Belkhu Khola Bridge, Falaakhu River Bridge, Keurintar Hanging Bridge, Pasang Lhamu Highway) and 12 possibly damaged, out of 353 mapped. F031 F027 F028 F033

3. Who is cut off

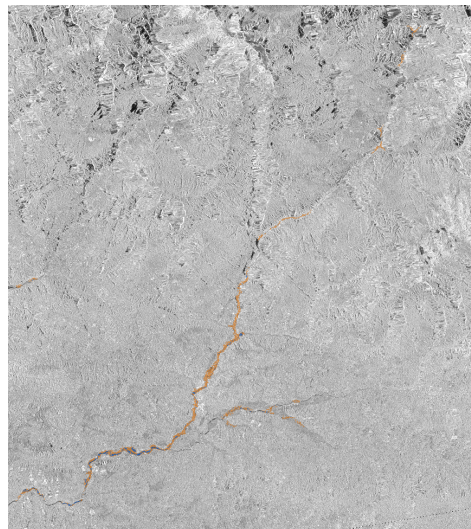
52 of 397 settlements are likely cut off by road. F063 F062

Among them: Amachhodingmo, Bahundanda, Betrawti, Bhainse, Bhanjyang. F067

1 more settlement has lost its road but can still walk to a health facility within an hour. F065

The nearest health facility for 30 of the cut-off settlements is Rasuwa District Hospital. F068 F069

OpenStreetMap lists 25 health facilities in the area (hospitals, health posts and clinics); its labels are not verified. F2313 F2314



Radar change map, before and after the event.

Repair priority

1. Reopening Pasang Lhamu Highway bridge reconnects 18 settlements. F2316 F2317 F2320

2. Reopening unnamed unclassified bridge reconnects 7 settlements. F2322 F2323 F2326

3. Reopening Pasang Lahamu bridge reconnects 6 settlements. F2328 F2329 F2332

4. Reopening Prithvi Rajmarg bridge reconnects 4 settlements. F2334 F2335 F2338

5. Reopening Pasang Lhamu Highway bridge reconnects 3 settlements. F2340 F2341 F2344

Method

Sentinel-1 radar images from before and after the event are compared to map new water and debris. Pre-event OpenStreetMap roads, bridges and buildings are overlaid, and a road network model finds settlements that can no longer reach a health facility.

Educational prototype, not an operational tool. Numbers come from satellite analysis and have not been checked on the ground.

Grey codes such as F012 point to entries in facts.json.

Contains modified Copernicus Sentinel data 2026.

Produced using Copernicus WorldDEM-30 © DLR e.V. 2010–2014 and © Airbus Defence and Space GmbH 2014–2018 provided under COPERNICUS by the European Union and ESA; all rights reserved.

© OpenStreetMap contributors.