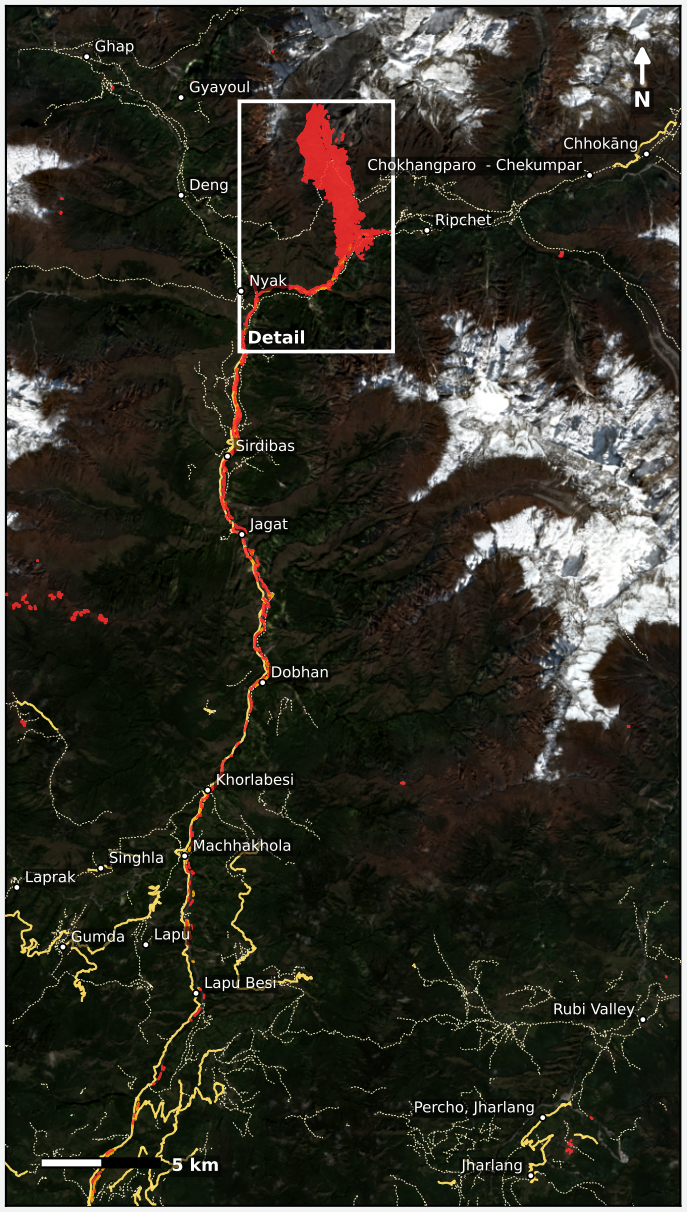
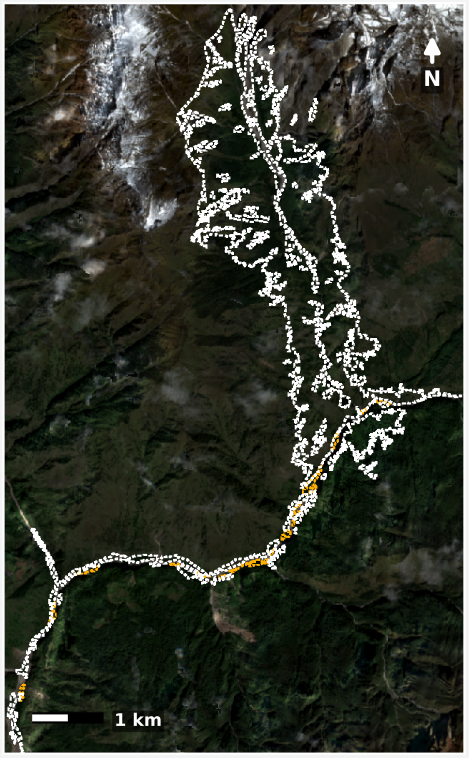
Budhi Gandaki disaster: satellites map candidate landslide areas in Gorkha

Budhi Gandaki valley, Gorkha District, Nepal · landslide and debris flood, 11 October 2026 · Sentinel-2 optical and Sentinel-1 radar change

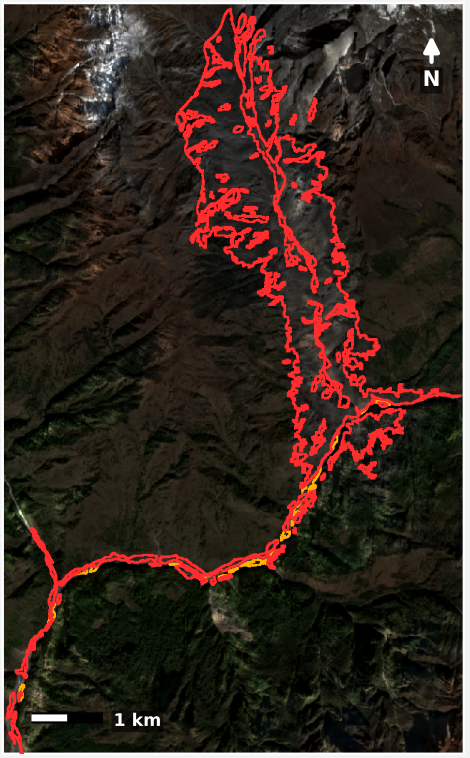
Overview: after the event (21–26 October 2026)



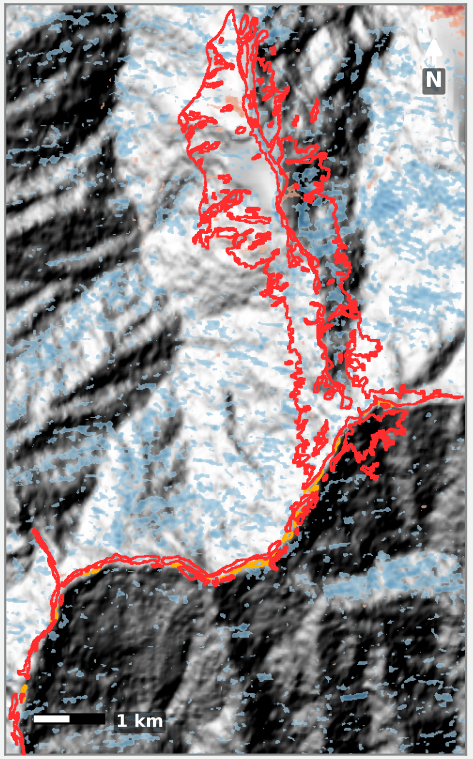
Before: Sentinel-2, 1–6 October 2026

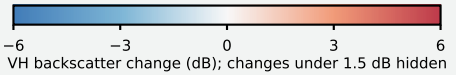


After: Sentinel-2, 21–26 October 2026



Radar change: Sentinel-1 VH, after vs before





Locator: Nepal



Satellite-detected candidate landslide area (205; 8.10 km²)

Valley-floor change beside rivers: flood or debris path (78; 52.7 ha)

Road or track (OpenStreetMap)

Footpath or trail (OpenStreetMap)

Evidence: 1 optical + radar · 187 optical only · 17 radar only. Mapped roads and paths within 30 m of candidates: 27.7 km.

Candidate areas are not confirmed landslides. Vegetation loss (Sentinel-2 NDVI, after removing the seasonal fall at each altitude) on slopes of 15° or more, with cloud, shadow, snow, water, cropland and settlements masked; above 4,000 m radar agreement is also required. Radar (Sentinel-1) corroborates or fills cloud gaps. Minimum mapped size 0.2 ha. Change may include events other than 11 October.

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UTM zone 45N (EPSG:32645); north arrow shows grid north (within about 1° of true north). Map and analysis: TechnicalGIS Environmental News Desk, CC BY 4.0 · technicalgis.com/news-desk/