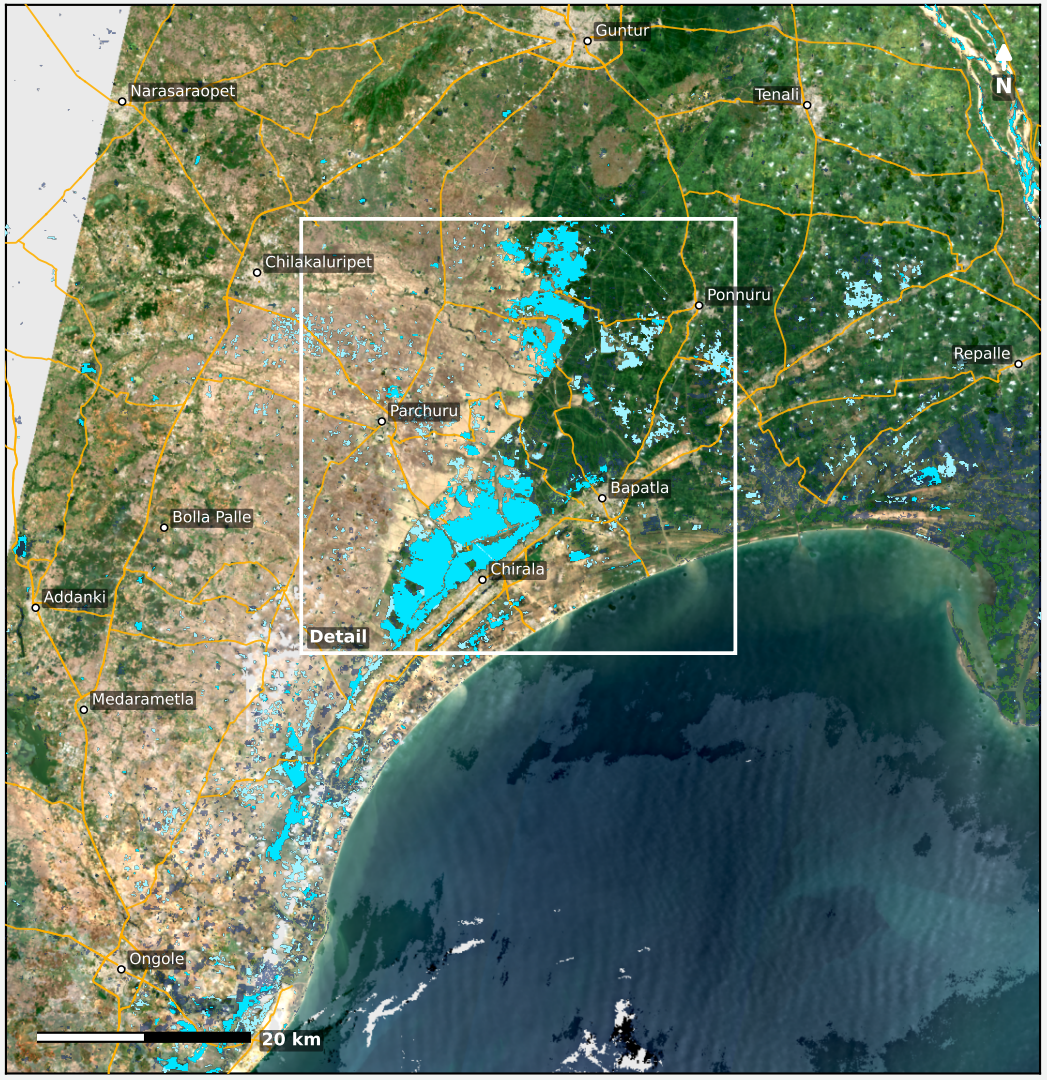
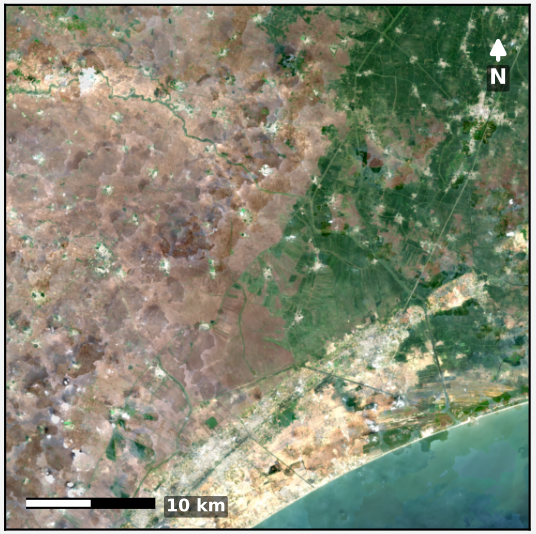
Cyclone Murasu: satellite map of candidate flooded areas on the Andhra Pradesh coast

Bapatla, Guntur and Prakasam districts, Andhra Pradesh, India · Cyclone Murasu, landfall 3 November 2026 · Sentinel-1 radar and Sentinel-2 optical change

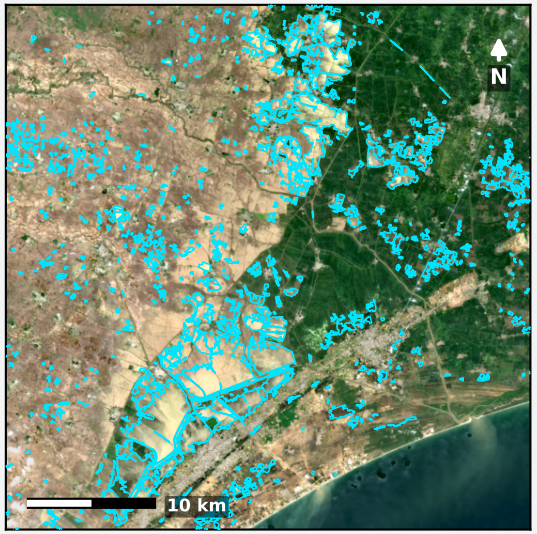
Overview: candidate flooded areas on Sentinel-2, 10 and 12 Nov 2026



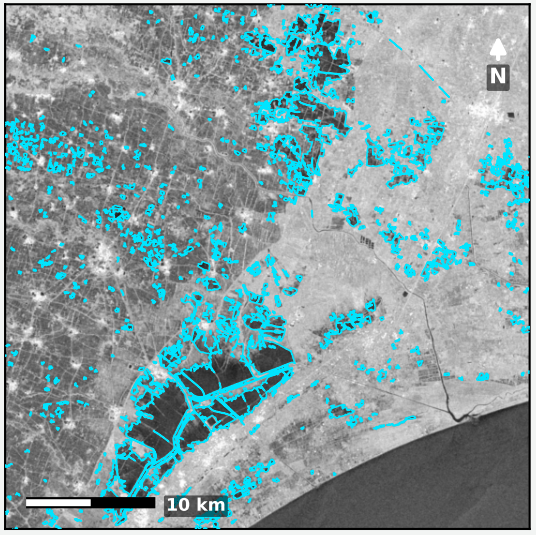
Before: Sentinel-2, 1, 6 and 26 Oct 2026



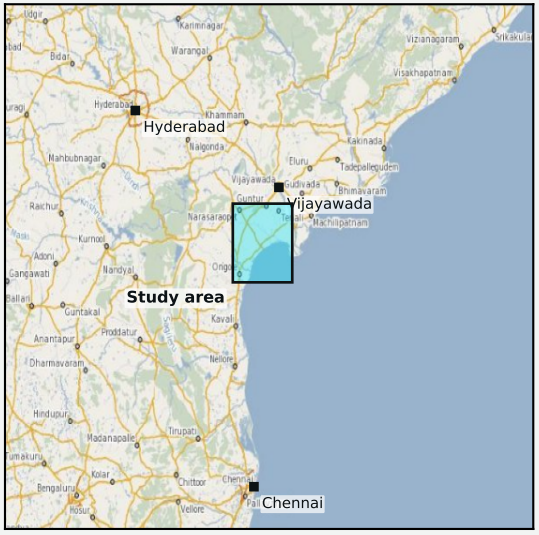
After: Sentinel-2, 10 and 12 Nov 2026



Radar: Sentinel-1, 9 Nov (descending), VV (dark = water)



Locator: south-east India



1,739 candidate flooded areas, about 264 km²: 362 higher confidence (160 km²), 1,377 moderate (104 km²).
Cropland under candidate water: 241 km². Main roads (OpenStreetMap) within 20 m of candidates: 79.8 km.

Candidate flooded area: higher confidence (2+ observations)

Candidate flooded area: moderate

Water on land before the event

Main road (OpenStreetMap)

Candidate outline on detail panels

Method: new surface water where radar backscatter fell to -18 dB or below (a drop of at least 3 dB), or where the Sentinel-2 water index rose from dry to wet. Only flat ground (under 5°, within 15 m of the lowest land nearby) is assessed; permanent and pre-event water are excluded. Minimum patch 2 ha. Observations: Sentinel-1, 9 Nov (descending) vs 16 Oct; Sentinel-2, 10 and 12 Nov vs 1, 6 and 26 Oct 2026. Water that drained before the satellites passed, or lay under trees or among buildings, is missed.

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UTM zone 44N (EPSG:32644); north arrows show grid north. Map and analysis: TechnicalGIS Environmental News Desk, CC BY 4.0 · technicalgis.com/news-desk/