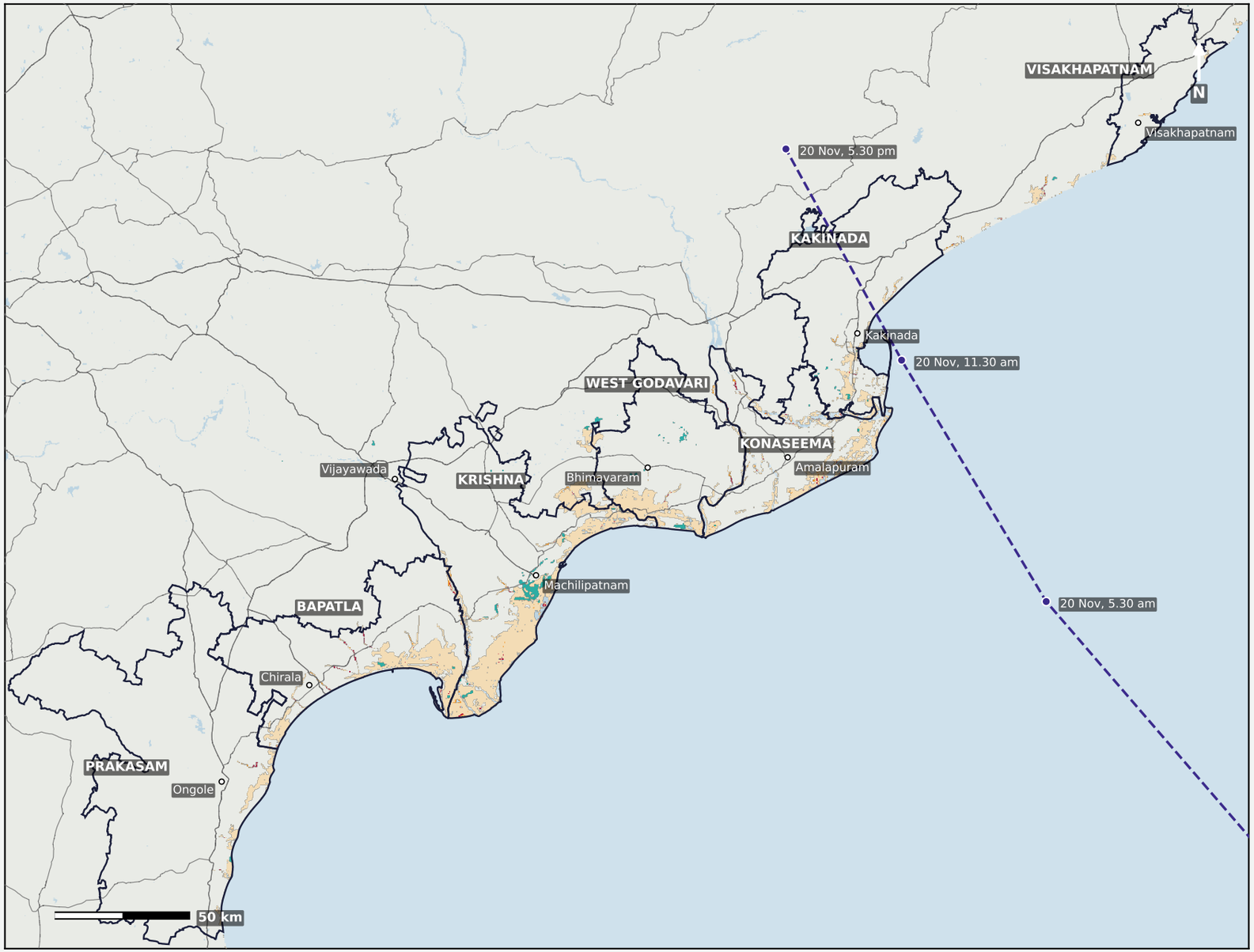
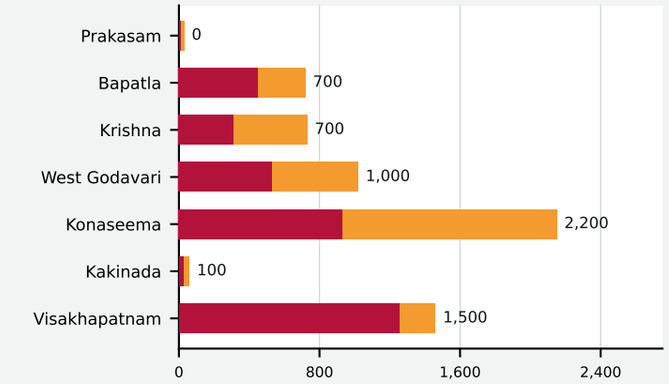
Cyclone Akvan: the low-lying land, people and farms in its storm-surge path

Land joined to the sea up to 1.0 m, 1.2 m and 2 m above sea level, in the seven districts IMD has warned of a 0.4–1.2 m storm surge on 20 November 2026



People living on low-lying land, by district

Dark: up to 1 m above sea level. Light: 1–1.2 m.

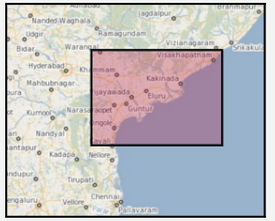


District	Land up to 1.2 m	Cropland	Ponds (OSM)
Prakasam	71 ha	9 ha	3 ha
Bapatla	10 km²	2.4 km²	25 ha
Krishna	37 km²	3.1 km²	9 ha
West Godavari	6.8 km²	2.4 km²	2.4 km²
Konaseema	12 km²	4.5 km²	12 ha
Kakinada	83 ha	23 ha	1 ha
Visakhapatnam	21 ha	4 ha	0 ha
All seven districts	**68 km²**	**13 km²**	**2.9 km²**

- Land up to 1 m above sea level, joined to the sea
- Land 1–1.2 m above sea level, joined to the sea
- Land 1.2–2 m, joined to the sea (the screen used for the earlier warning)
- Fish and shrimp ponds mapped in OpenStreetMap
- Rivers, lakes and other inland water
- District warned of a storm surge
- Main road
- IMD forecast track of the storm centre (IST)

Low-lying land: Copernicus DEM heights, each band joined to the sea by ground no higher, at about 30 m. People: GHSL 2025 estimate spread over the land in each 90 m cell. Cropland: ESA WorldCover. Ponds: OpenStreetMap.

Locator



Copernicus DEM GLO-30 © DLR e.V. 2010–2014 and © Airbus Defence and Space GmbH 2014–2018, provided under COPERNICUS by the European Union and ESA. Population: GHS-POP R2023A: Schiavina M., Freire S., Carioli A., MacManus K. (2023), European Commission, Joint Research Centre (JRC) (CC BY 4.0). ESA WorldCover 2021 (CC BY 4.0).
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WGS 84 geographic coordinates; north is up. Map and analysis: TechnicalGIS Environmental News Desk, CC BY 4.0 · technicalgis.com/news-desk/