nrsc Cyclone Montha: Water Accumulation in Parts of Andhra Pradesh

Based on the analysis of Landsat-8 Satellite Image of 01-11-2025(10:00 IST)

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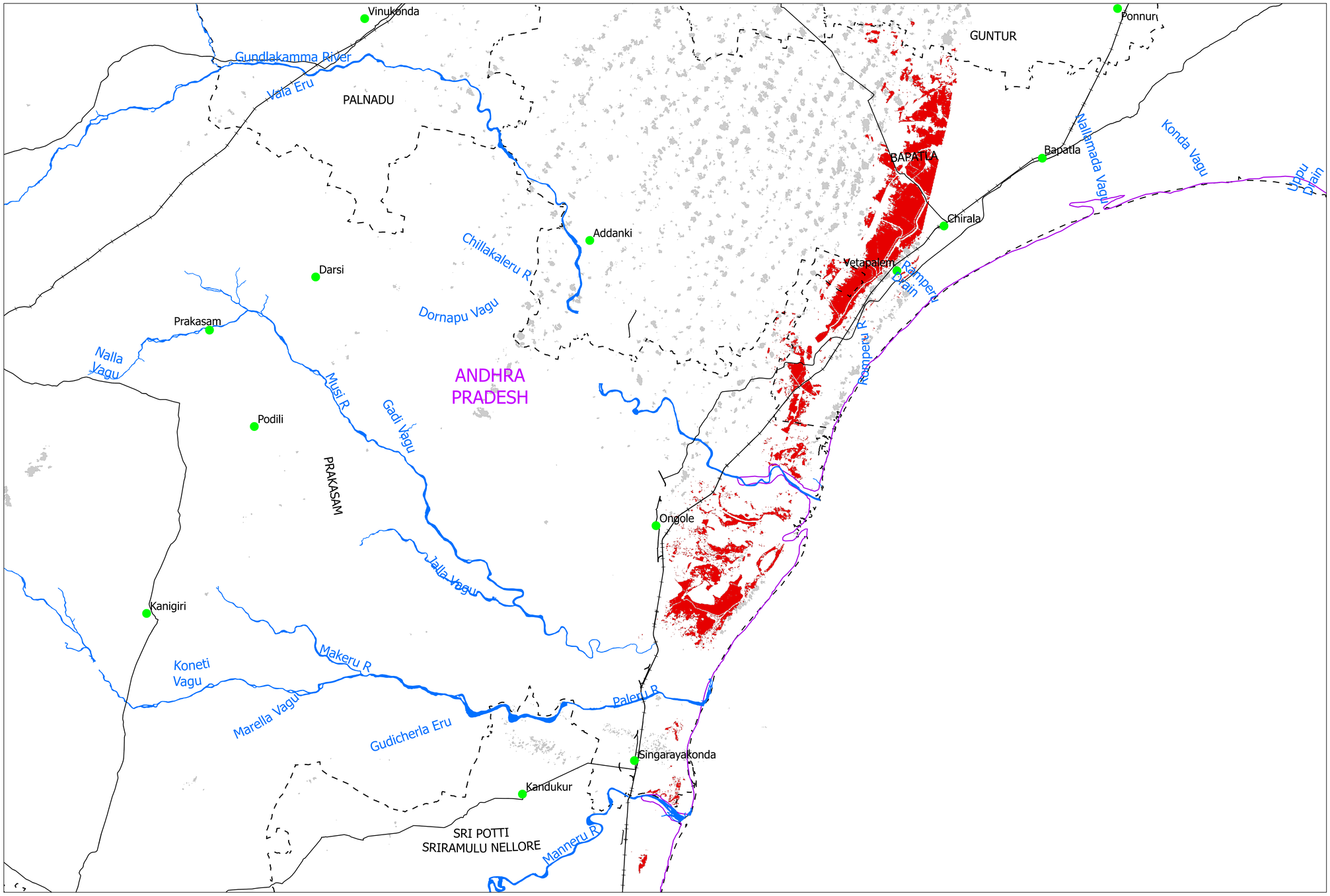


For Official Use

MAP ID :
2025/CY/AP/05/01112025

Date of Issue: 02-11-2025

About the Event:
Heavy rains are witnessed in Andhra Pradesh. Water accumulation due to Montha cyclone in low lying areas is observed in many parts of AP State. (Source: News Media)

Satellite Observations:

This map highlights areas with water accumulated inundation/standing water just after heavy rains in low lying areas within the satellite coverage area.

Satellite Data Used:

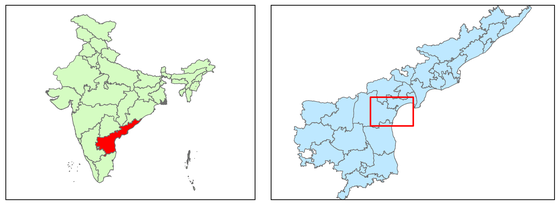
Pre Flood Data
Satellite:RISAT-1A MRS SAR
Date of Pass: May-2025
Post Flood Data
Satellite:Landsat-8
Date of Pass: 01-11-2025

Reference Data Used:

LULC data at 1:10000 scale under SISDP-U Project

Legend

- Water Inundation
- River
- Cloud
- State Boundary
- District Boundary
- Major Towns
- National Highway
- Railway



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Kilometers

This Map is prepared on rapid mapping mode for immediate use and sharing amongst official agencies. This provides preliminary results. Water inundation may include rain water accumulation/flood water in low lying areas. All geographic information has limitations due to scale, resolution, date, and interpretation of original source materials. No ground verification is done.

Citation ' NRSC (2025) - Cyclone induced inundation in Part of Andhra Pradesh State (as on 01-11-2025)' , based on the analysis of Landsat-8 Satellite Image of 01-11-2025(10:00 Hrs. IST). Map no : 2025/CY/AP/05/01112025, NRSC/ ISRO

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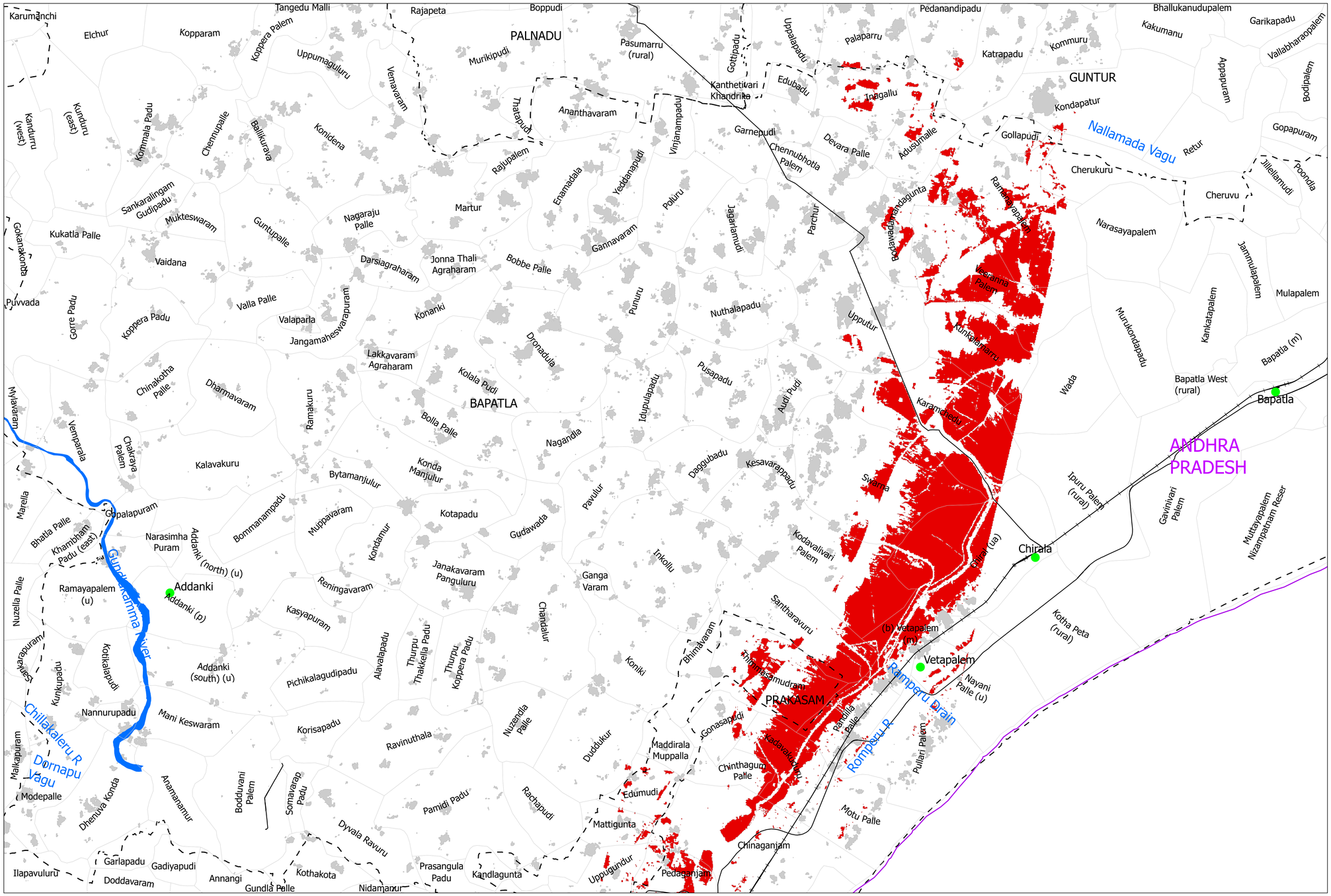

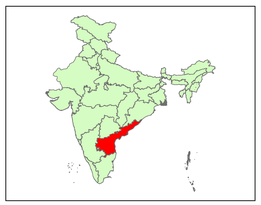

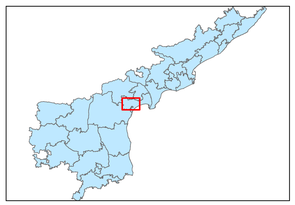

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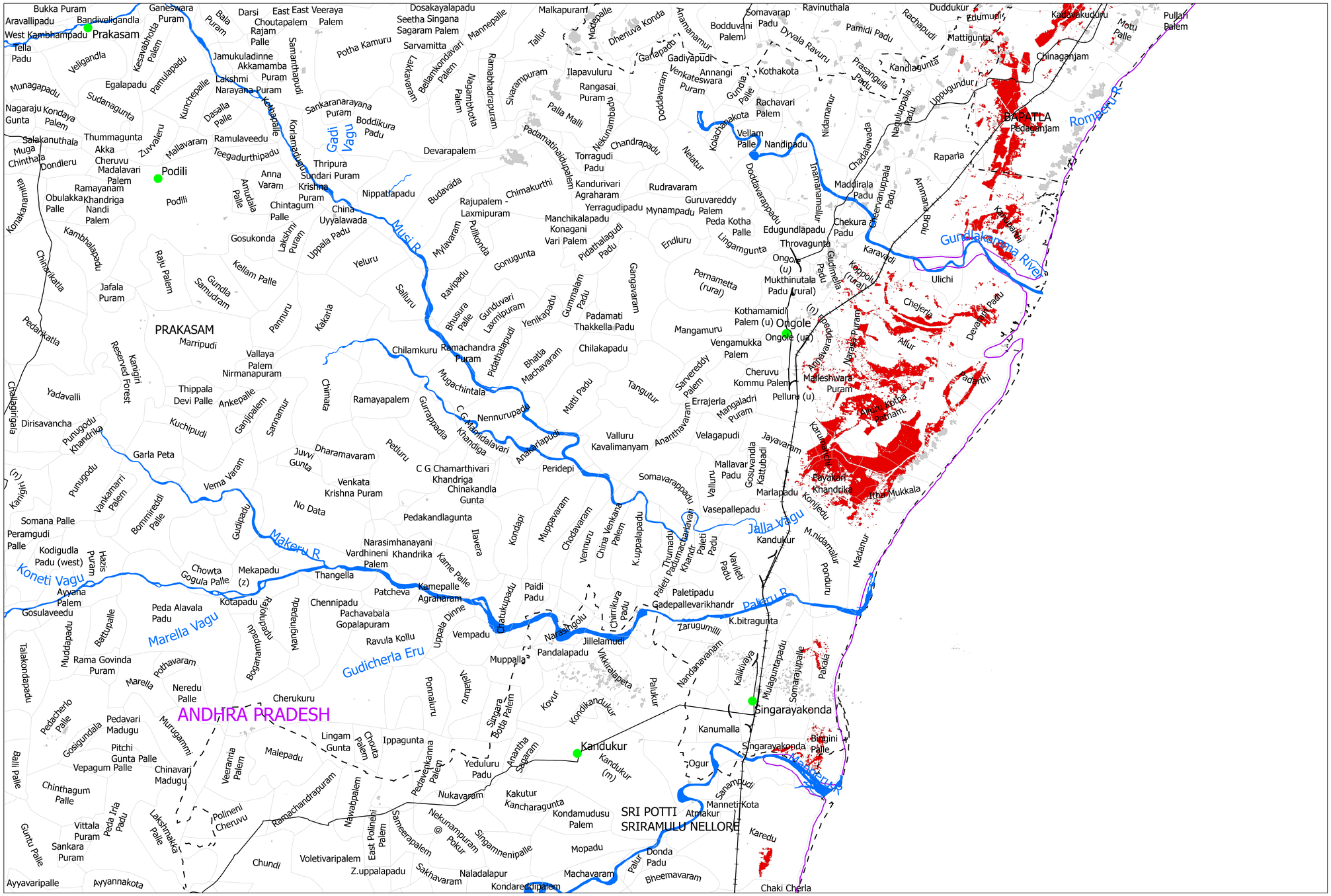

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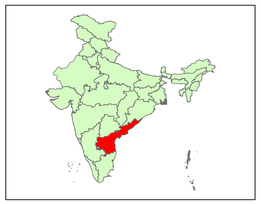

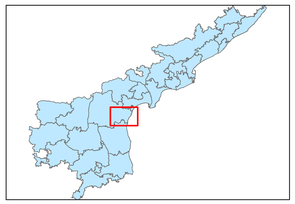

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