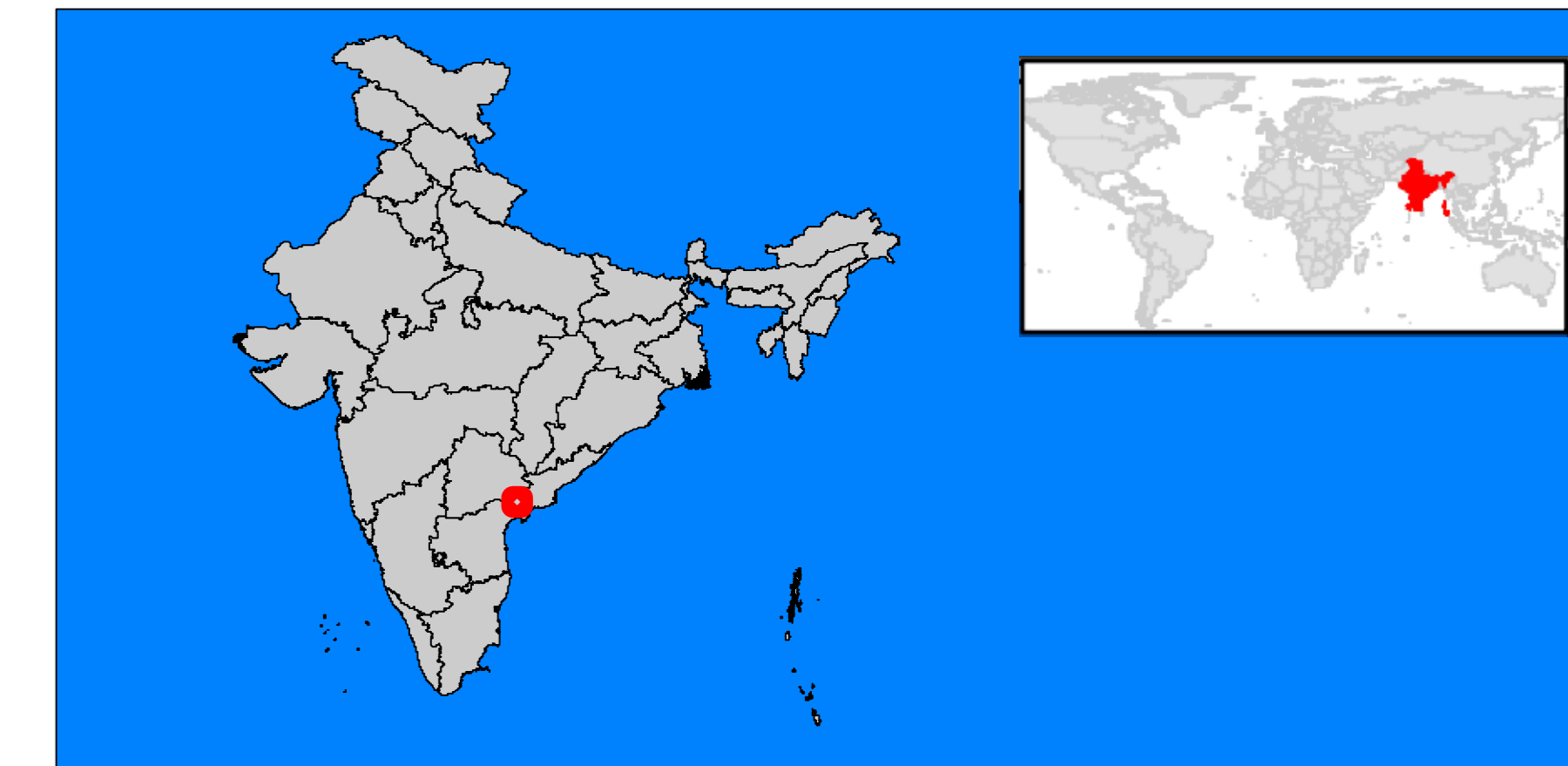


# Vijayawada, Andhra Pradesh, India

## Flood Inundation Areas Surrounding Vijayawada, Andhra Pradesh

Based on the analysis of Sentinel-1A SAR Satellite Image on 08.09.2024 (1800 Hrs IST)

### Location Diagram



### Cartographic Information

Local Projection : WGS 1984 UTM Zone 43N Datum : WGS1984

Geographic projection : Lat / Lon (DMS), Datum:WGS 84

Scale : 1:60000



### Legend

- Flood Inundation
- Towns
- Railway
- Road
- River/ Waterbody (Reference)
- Builtup Area
- District Boundary
- Study Area

### Interpretation

Heavy rains are witnessed in Andhra Pradesh and overflow is observed in Krishna River at Vijayawada. This map highlights the areas of flood inundation / Standing water after the heavy rains.

Disclaimer : This Map is prepared on rapid mapping mode for immediate use and sharing amongst official agencies. This provides preliminary results. Flood inundation may include rain water accumulation / flood water in low lying areas.

All geographic information has limitations due to the scale, resolution, date and interpretation of the original source materials. There are limitations for SAR data in detecting inundation in urban areas.No ground verification is done.

### Data Source

Pre Event Image : Sentinel-1A, 20-Aug-2024

Post Event : Sentinel-1A SAR, 8-Sep-2024

### Frame Work

The best effort rapid mapping product is elaborated within a very short time frame, optimising the available material, and has been quality checked as per NRSC/ISRO procedures. All geographic informations has limitations due to scale, resolution, date and interpretation of the original source material. No liability concerning the content or the use thereof is assured by the producer.

Note: When publishing this map as part of any report, source may be indicated as ' NRSC (2024) - Flood Inundated areas in Part of Andhra Pradesh State (as on 08.09.2024)' , Map no : 2024/FL/AP/16/08092024, NRSC/ISRO, Hyderabad.

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