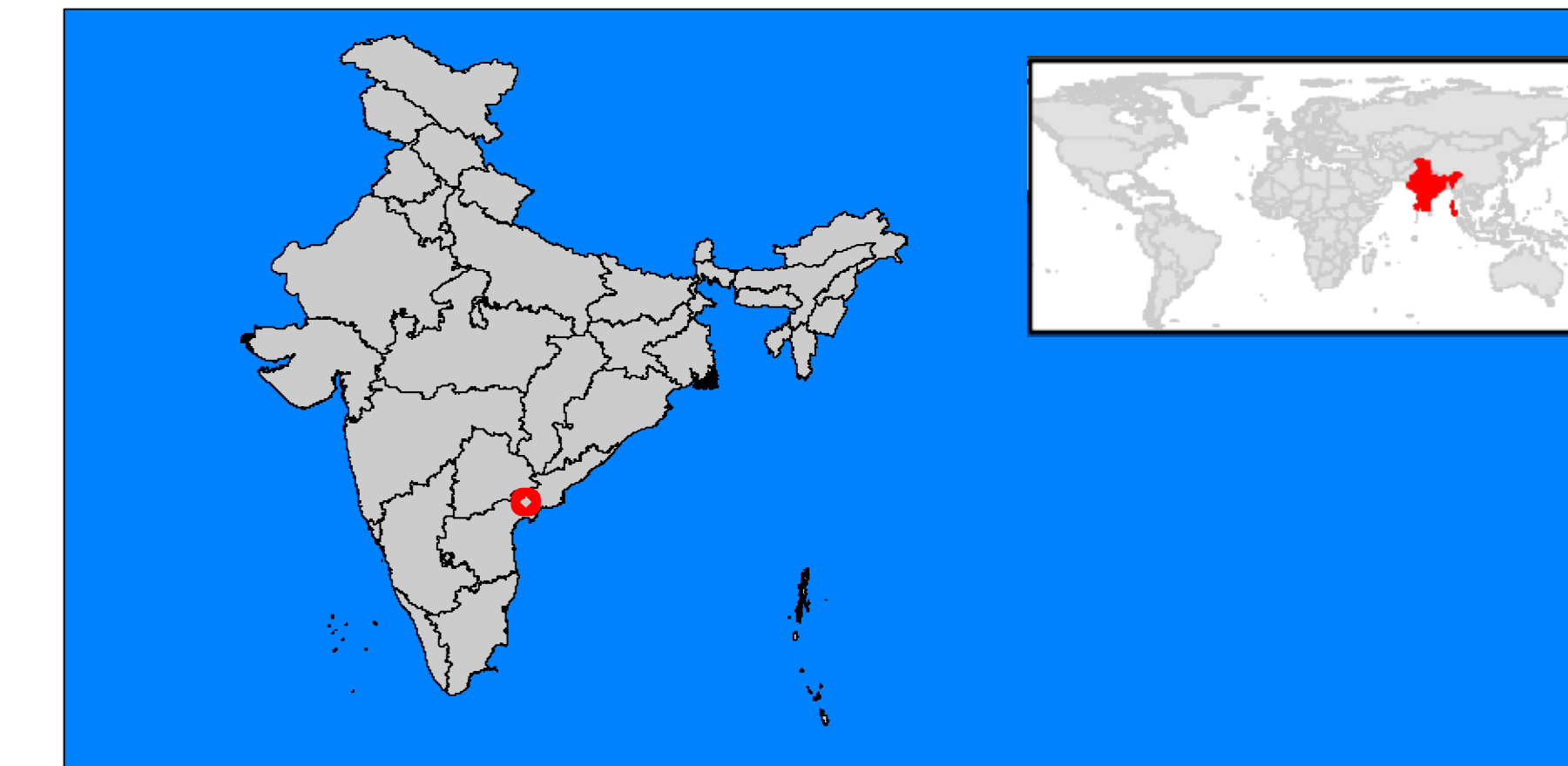


Vijayawada, Andhra Pradesh, India

Flood Inundation Areas Surrounding Vijayawada, Andhra Pradesh

Based on the analysis of TerraSAR X Satellite Image on 06.09.2024 (0600 Hrs IST)

Location Diagram



Cartographic Information

Local Projection : WGS 1984 UTM Zone 43N Datum : WGS1984
Geographic projection : Lat / Lon (DMS), Datum:WGS 84

Scale : 1:40000



Legend

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

Interpretation

Heavy rains are witnessed in Andhra Pradesh and overflow is observed in Krishna River / Tributaries 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. Due to limitations of High resolution satellite data availability, analysis of flood inundation in Urban areas is not part of this map.

All geographic information has limitations due to the scale, resolution, date and interpretation of the original source materials. No ground verification is done.

Data Source

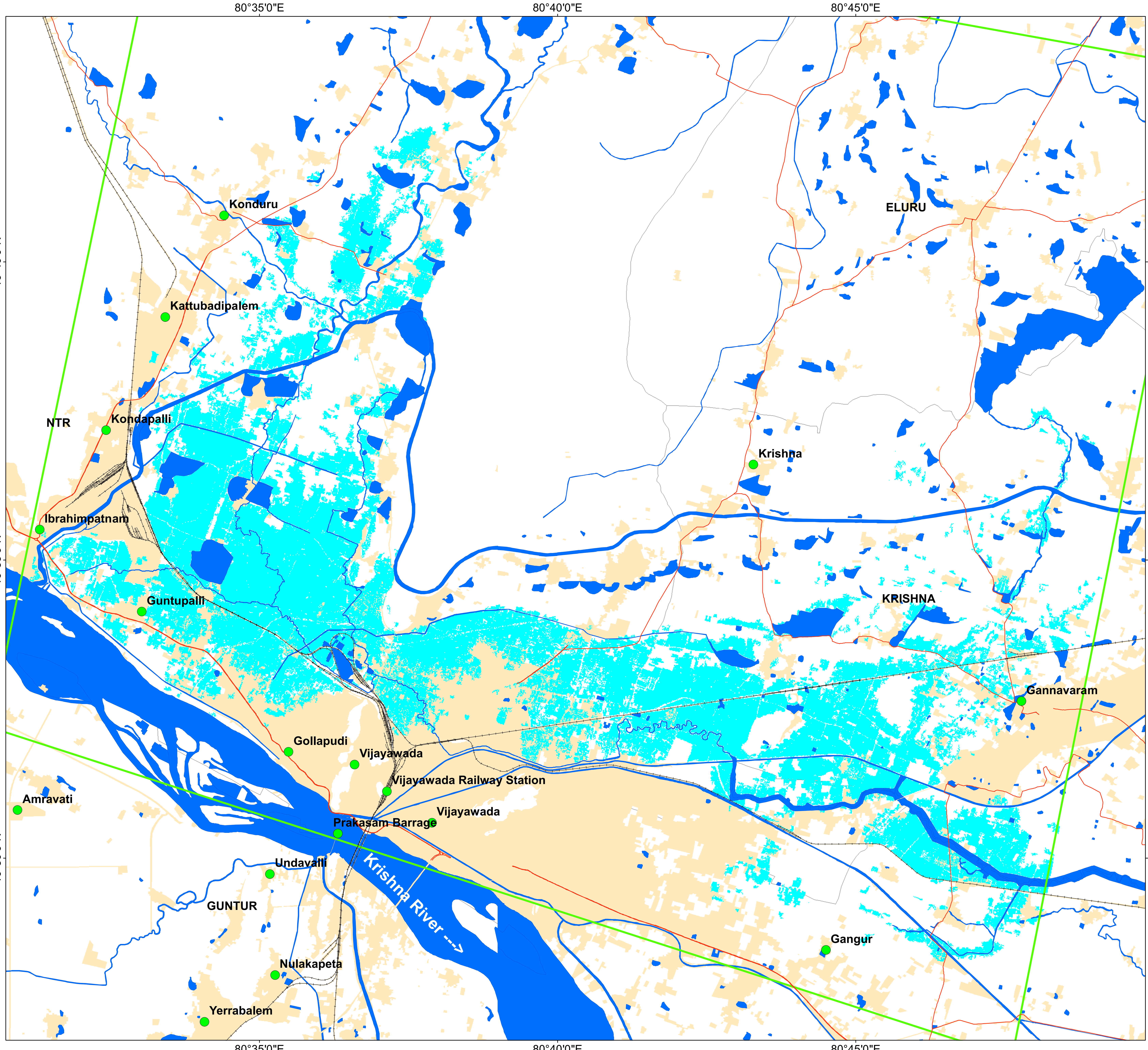
Pre Event Image : Sentinel-1A, 20-Aug-2024
Post Event : TerraSAR X, 6-Sep-2024

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 06.09.2024)' , Map no : 2024/FL/AP/15/06092024, NRSC/ISRO, Hyderabad.

E-mail: flood@npsc.gov.in



80°35'0"E 80°40'0"E 80°45'0"E

16°40'0"N

16°40'0"N

16°35'0"N

16°35'0"N

16°30'0"N

16°30'0"N

80°35'0"E

80°40'0"E

80°45'0"E

16°40'0"N

16°40'0"N

16°35'0"N

16°35'0"N

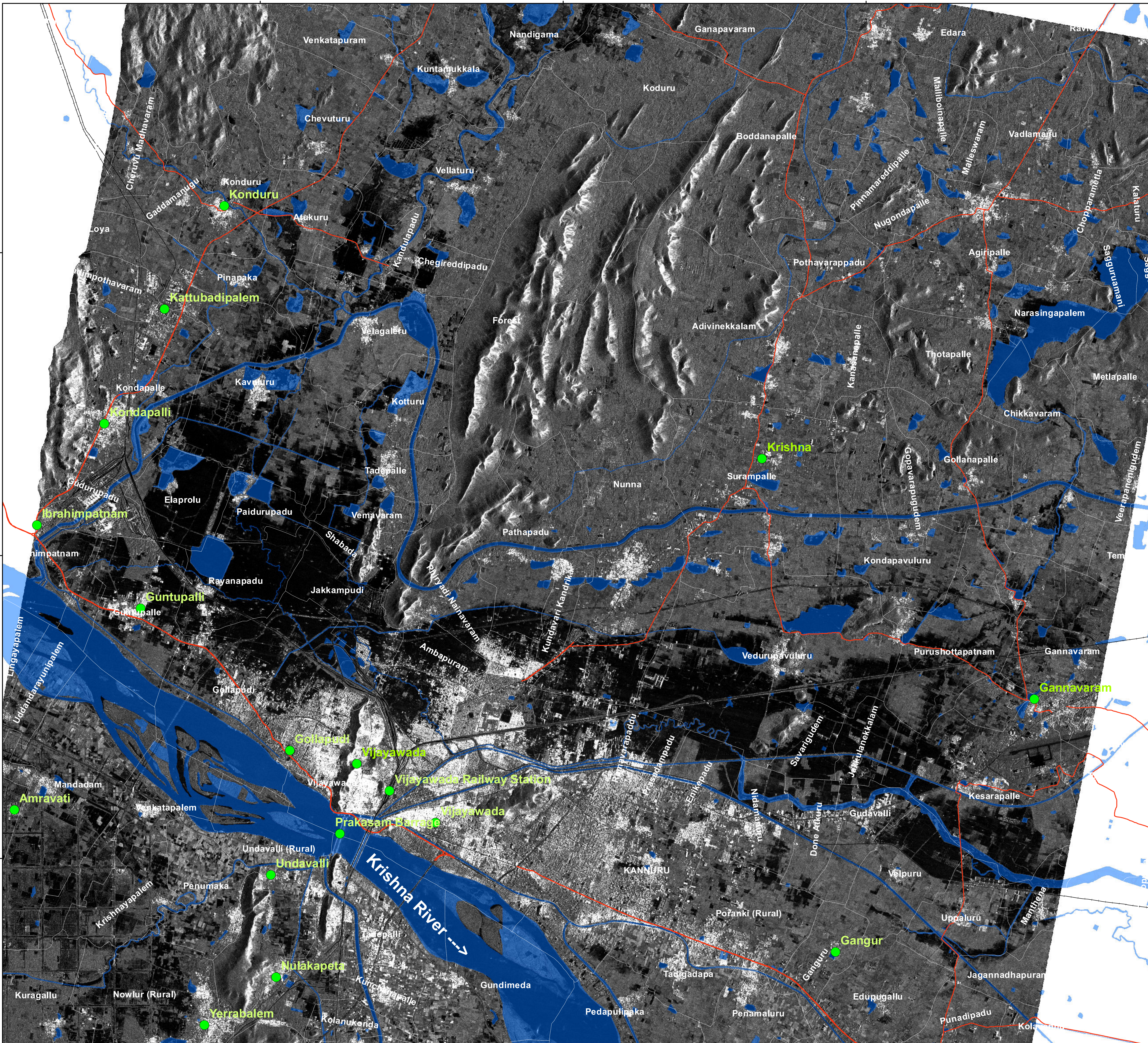
16°30'0"N

16°30'0"N

80°35'0"E

80°40'0"E

80°45'0"E

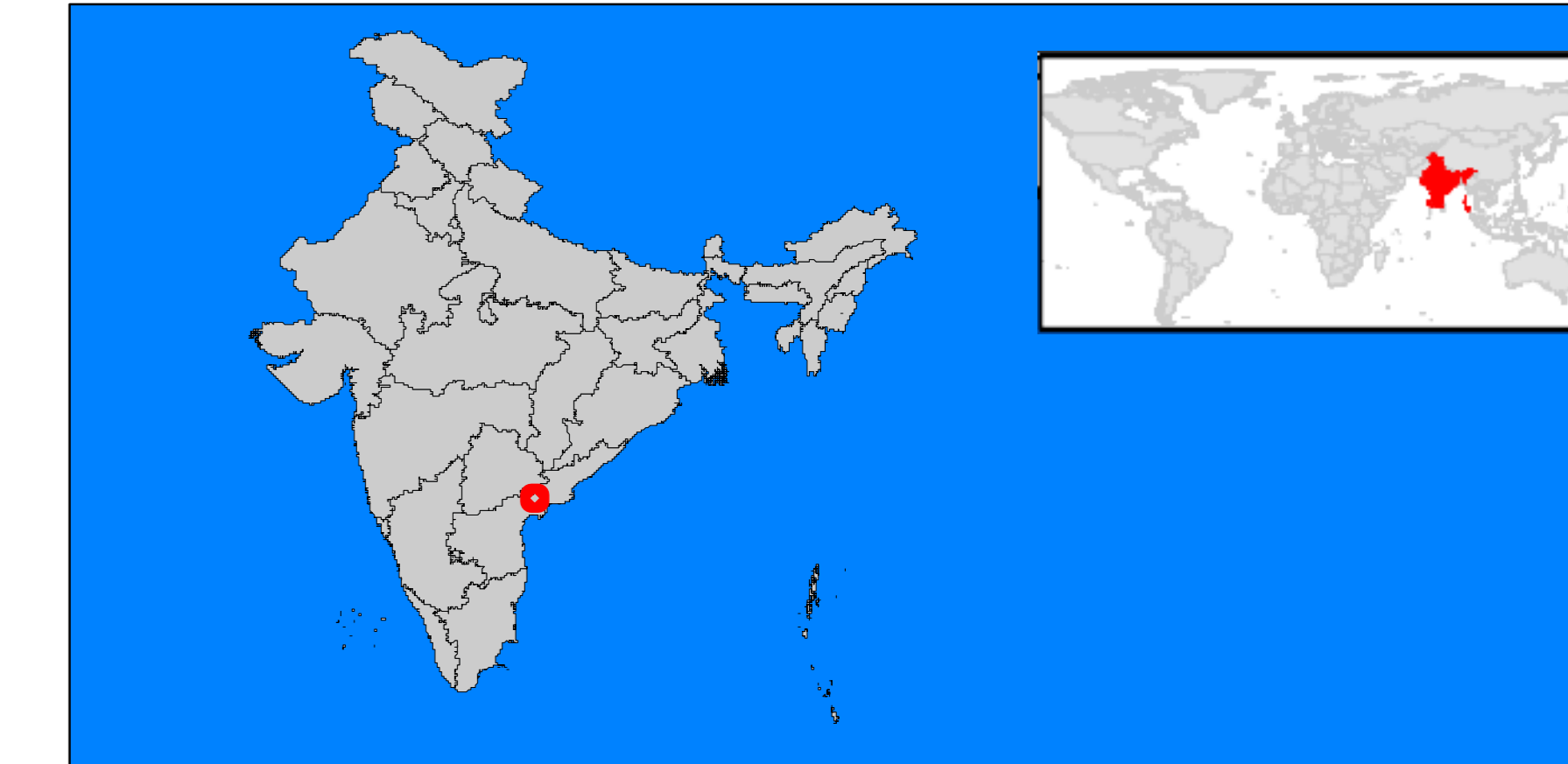


Vijayawada, Andhra Pradesh, India

Flood Inundation Areas Surrounding Vijayawada, Andhra Pradesh

Based on the analysis of TerraSAR X Satellite Image on 06.09.2024 (0600 Hrs IST)

Location Diagram



Cartographic Information

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

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

Scale : 1:40000



Legend

- Towns
- Railway
- Road
- River/ Waterbody (Reference)
- Village Boundary

Interpretation

Dark black colour in Satellite Image indicates the presence of Standing Water / High moist areas. This map is provided only to correlate between the satellite data and interpreted flood map as an addition information

Data Source

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

Post Event : TerraSAR X, 6-Sep-2024

Frame Work

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