

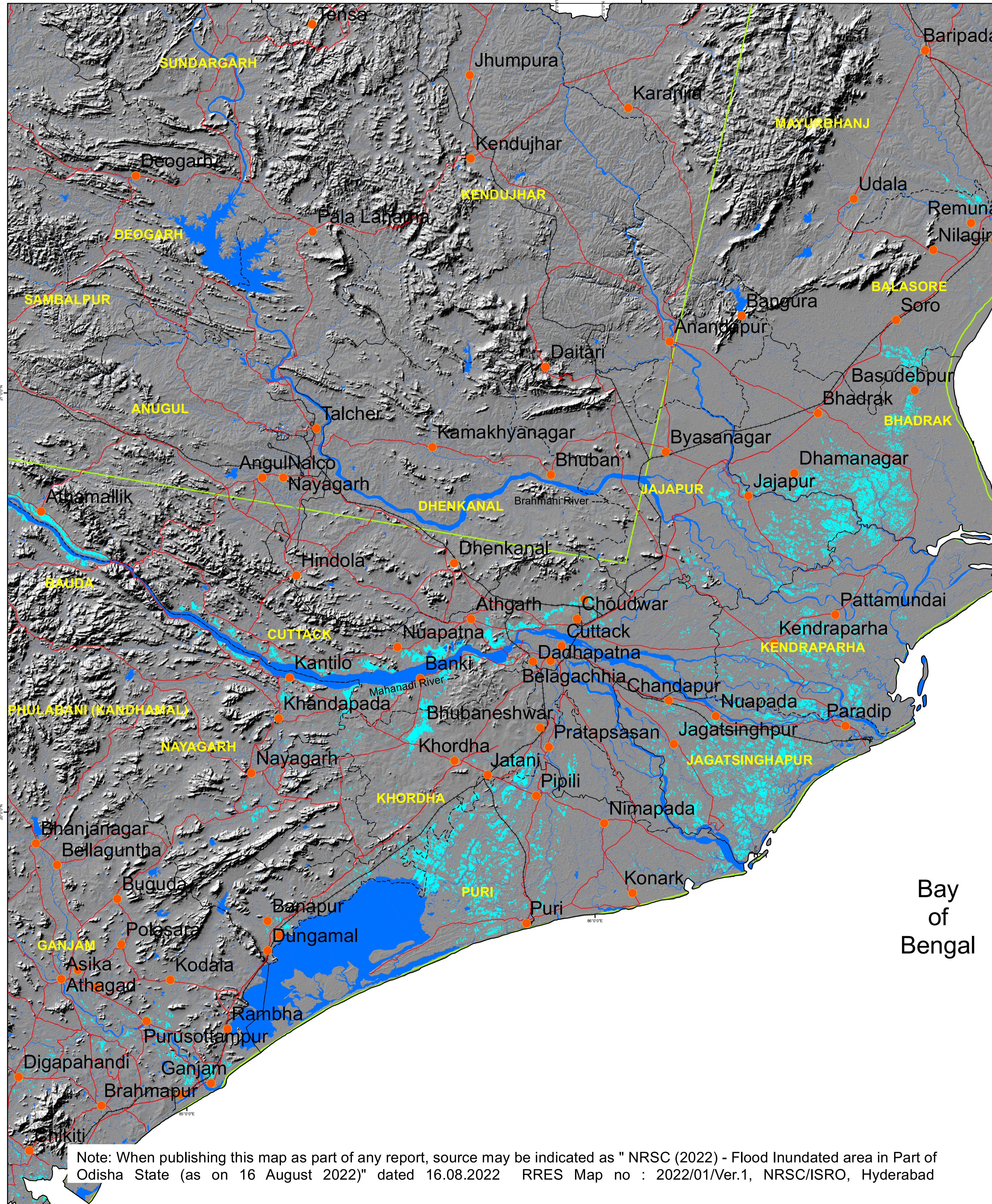
# Flood Inundated Areas in Part of Odisha State

Based on the analysis of Resourcesat-2 AWiFS & Sentinel-1A SAR Images of 16-Aug-2022

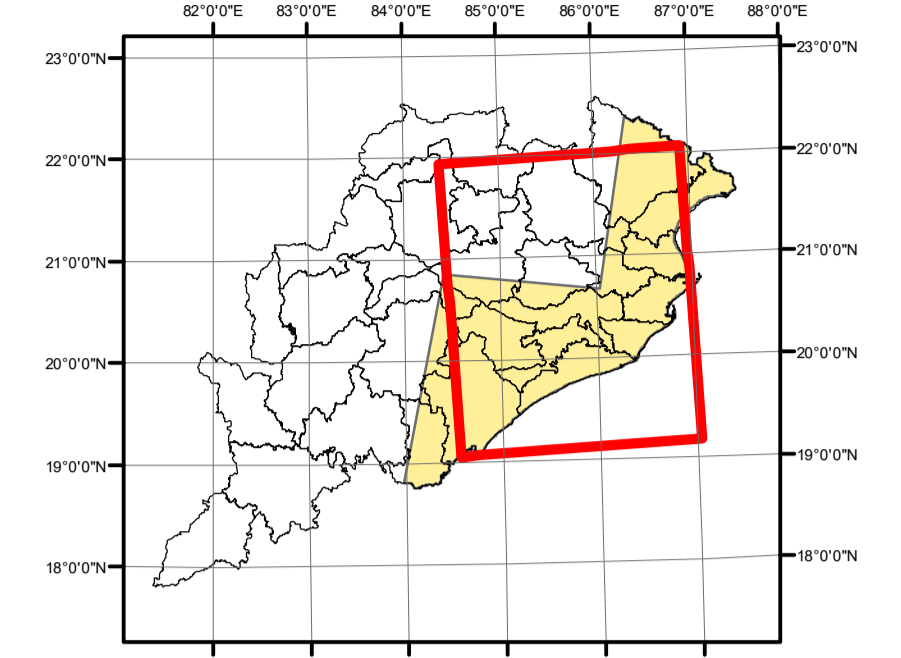
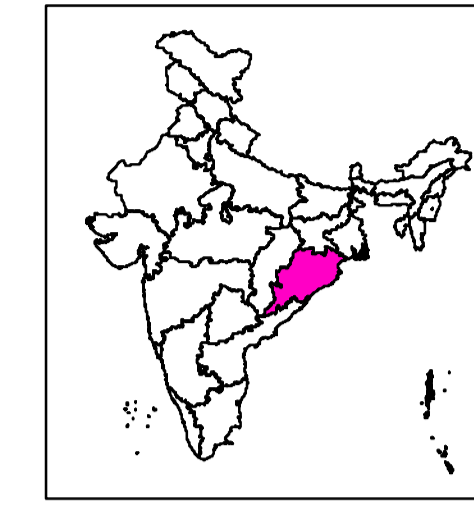
For official use

FLOOD EVENT ID: 11-FL-2022- OD  
MAP ID: 2022/01/Ver.1

Date of Issue : 16.08.2022



## Location Map



## About the Event

Heavy incessant rains were reported in Odisha during third week of August, 2022. River Mahanadi at Naraj, River Vamsadhara at Kashinagar, River Baitarni at Akhuapada and River Jalka at Mathani Road Bridge were reported to be flowing above danger level. (Source: News Media, CWC)

## Satellite Observations

This map highlights the inundation due to heavy rains in 13 districts of part of Odisha state as on 16 August, 2022 .

## Satellite data used

Pre Flood:  
Satellite: Resourcesat-2  
Sensor: AWiFS  
Date of Pass: 14-Feb-2022

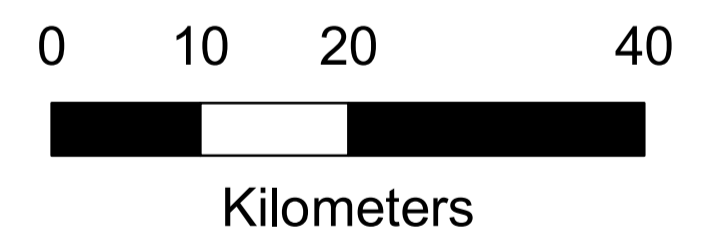
Post Flood:  
Satellite: Resourcesat-2 AWiFS,  
Sentinel-1A SAR  
Date of Pass: 16-Aug-2022

## Other data used

NRC Landuse/Landcover Data of 2018-19  
Bhuvan Geoportal Legacy Data

## Legend

- Settlements
- Major Roads
- Railway
- District Boundary
- Normal River/Waterbody
- Flood Inundation
- Area Covered by Satellite



Bay of Bengal

This product 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.

No ground verification is done.

Note: When publishing this map as part of any report, source may be indicated as " NRSC (2022) - Flood Inundated area in Part of Odisha State (as on 16 August 2022)" dated 16.08.2022 RRES Map no : 2022/01/Ver.1, NRSC/ISRO, Hyderabad

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