

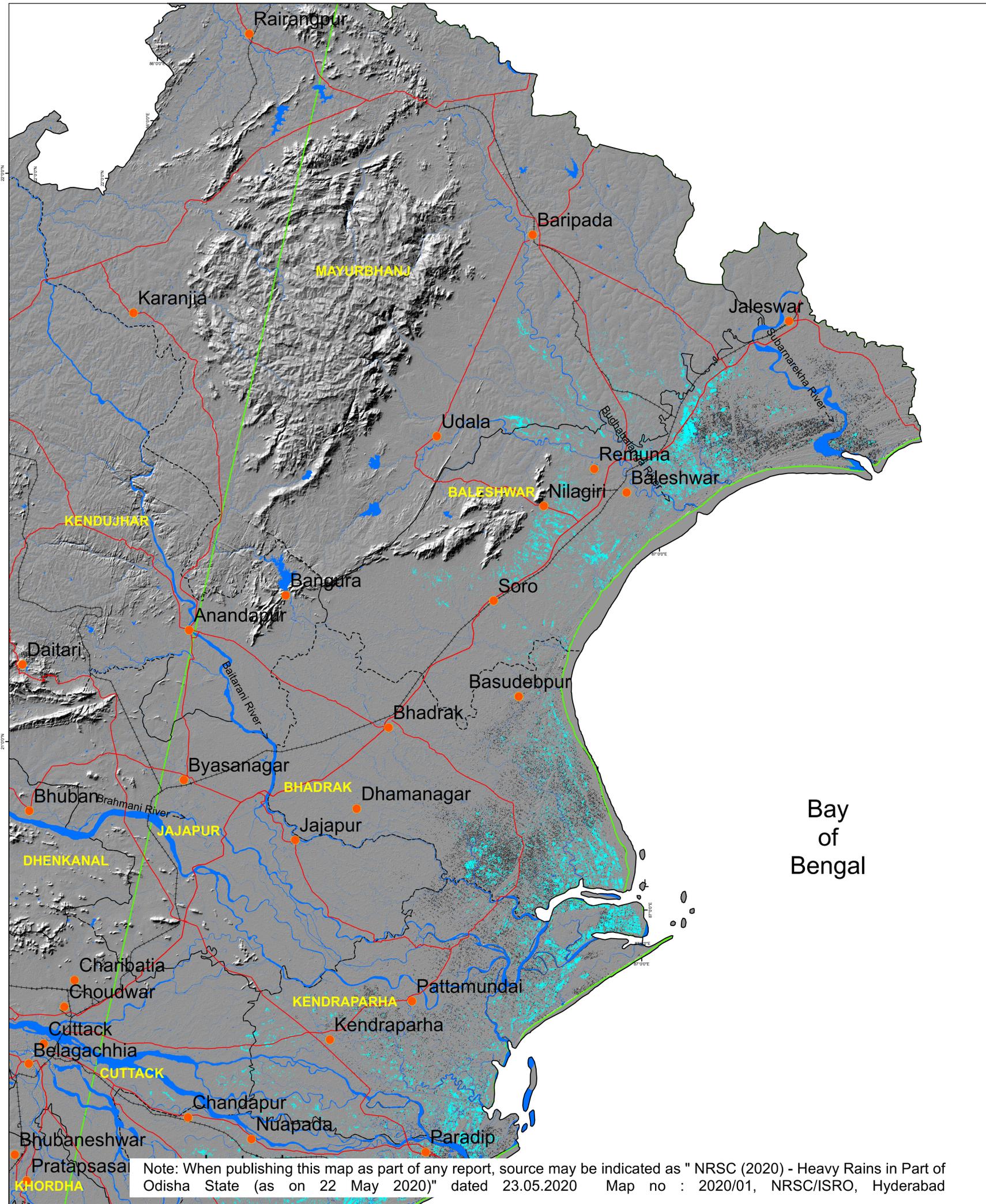
# Heavy Rain Inundated Areas in Part of Odisha State

Based on the analysis of Sentinel 1A SAR Image of 22-May-2020

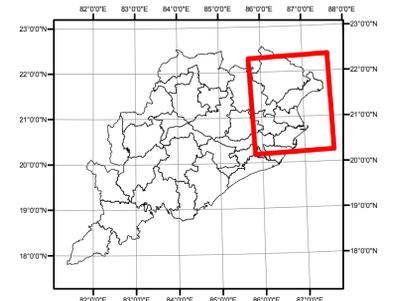
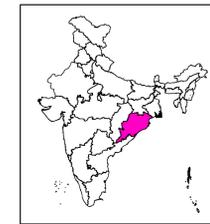
For official use

FLOOD EVENT ID: 2-CY-2020- Odisha  
MAP ID: 2020/01

Date of Issue : 23.05.2020



## Location Map



## About the Event

Incessant rains lashed Odisha during fourth week of May 2020, under the influence of Cyclone Amphan. Thus leading to inundation in low lying area of coastal districts of Odisha.

(Source: News Media)

## Satellite Observations

This map highlights the inundation due to heavy rains in seven districts of part of Odisha state as on 22 May, 2020 .

## Satellite data used

Pre Cyclone:  
Satellite: Resourcesat-2  
Sensor: AWiFS  
Date of Pass: 15-Feb-2020

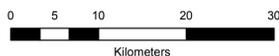
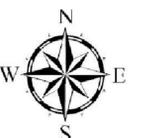
Post Cyclone:  
Satellite: Sentinel 1A SAR  
Date of Pass: 22-May-2020

## Other data used

NRC Landuse/Landcover Data of 2008-09  
Bhuvan Geoportal Legacy Data

## Legend

- Location Name
- Major Roads
- District Boundary
- Railway
- Normal River/Waterbody
- Inundation
- Area covered by Satellite



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.

This product is prepared using Sentinel 1A SAR satellite image received under international charter, Call ID 753



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Note: When publishing this map as part of any report, source may be indicated as " NRSC (2020) - Heavy Rains in Part of Odisha State (as on 22 May 2020)" dated 23.05.2020 Map no : 2020/01, NRSC/ISRO, Hyderabad