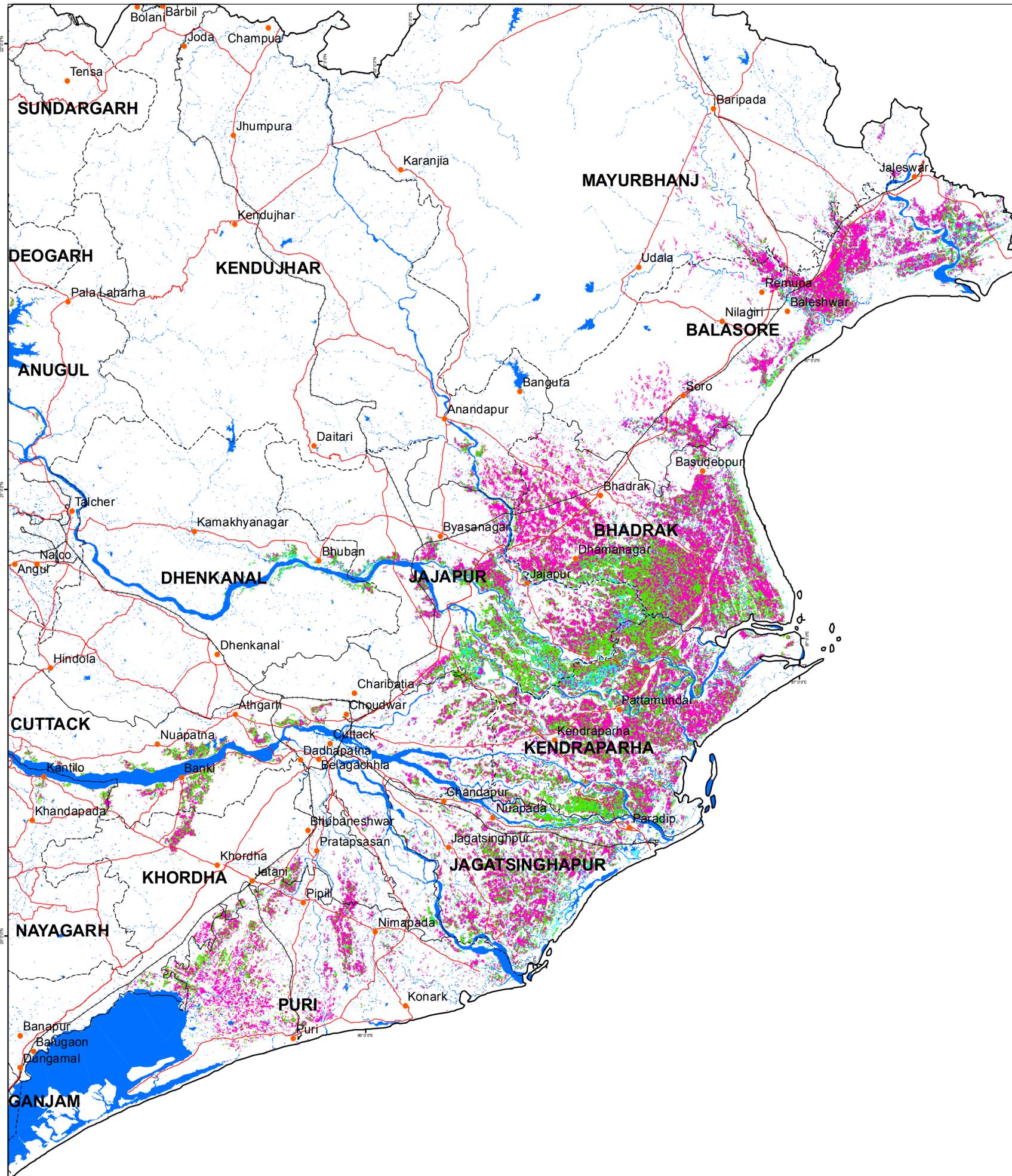


Cropped area affected due to flooding in parts of Odisha State

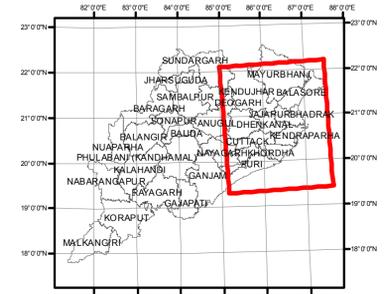
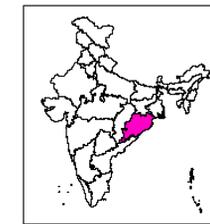
Based on the analysis of Sentinel-1A SAR, Resourcesat-2A AWiFS, Radarsat-2 SAR & MODIS TERRA Images of 26, 28, 29 & 31-August-2020

FLOOD EVENT ID: 2-FL-2020- Odisha
MAP ID: 2020/08

Date of Issue : 02.09.2020



Location Map



About the Event

Heavy rains were reported in Odisha state during fourth week of August, 2020. River Subarnarekha is flowing in extreme flood situation at Methani Road Bridge in Baleswar district. River Baitarani and Burhabalang are flowing in severe flood situation in Kendujhar and Bhadrak, and Balasore respectively. (Source: News Media)

Satellite Observations

This map highlights the inundation over probable kharif rice and kharif non-rice area due to heavy rains in 16 districts in part of Odisha state during 26-31 August, 2020

Satellite data used

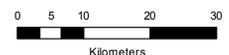
Pre flood:	During Flood:
Satellite: Resourcesat-2	Sentinel-1A SAR data of 26-Aug-2020 (0600 Hrs)
Sensor: AWiFS	Resourcesat-2A AWiFS data of 28-Aug-2020 (1030 Hrs)
Date of Pass: 15-Feb-2020	Sentinel-1A SAR data of 28-Aug-2020 (1800 Hrs)
	RADARSAT-2 SAR data of 29-Aug-2020 (1800 Hrs)
	MODIS TERRA data of 31-Aug-2020 (1100 Hrs)

Other data used

NRC Landuse/Landcover Data of 2018-19
Bhuvan Geoportal Legacy Data
Potential kharif rice area, ASAG, NRSC

Legend

- Towns
- Major Roads
- Railway
- District Boundary
- Flood Inundation
- probable flooded kharif rice area
- probable flooded kharif non-rice area
- Area Covered by Satellite
- Normal River/Waterbody



This product is prepared on rapid mapping mode for immediate use. 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 (2020) - Cropped area affected due to flooding in Part of Odisha State (during 26-31 August 2020)" dated 02.09.2020 Map no : 2020/08, NRSC/ISRO, Hyderabad

Agriculture Science & Applications Group
National Remote Sensing Centre, ISRO Dept. of
Space, Govt. of India Hyderabad- 500 037
E-Mail: flood@nrcs.gov.in www.nrcs.gov.in

