

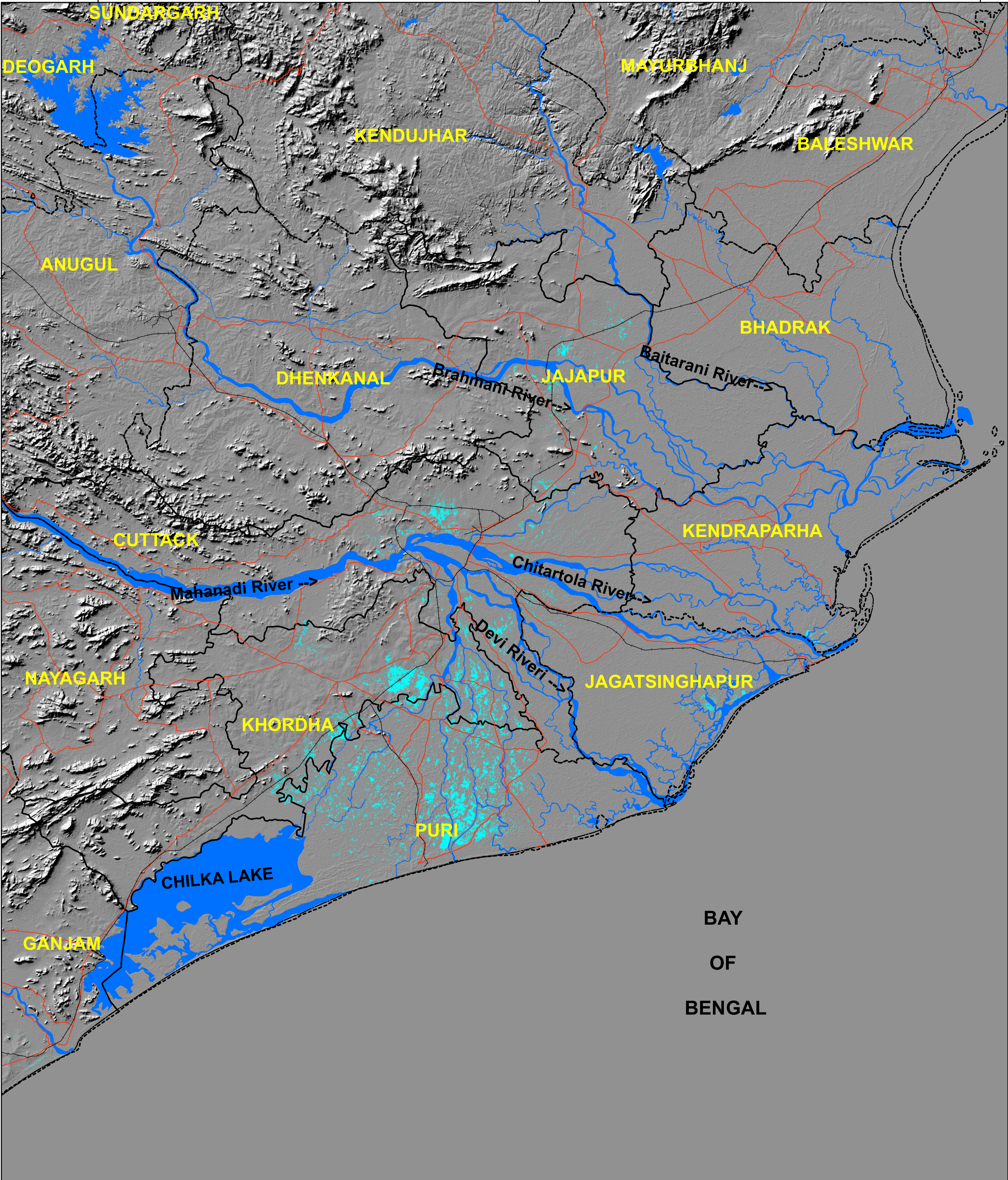
Cumulative Cyclone Fani Inundated areas in Part of Odisha State

Based on the analysis of Sentinel-1A,ALOS-PALSAR-2,Kanopus_V,Kanopus_V_1K, TERRASAR-X and Radarsat-2 Images of 3rd,4th,5th,6th,8th and 9th May-2019

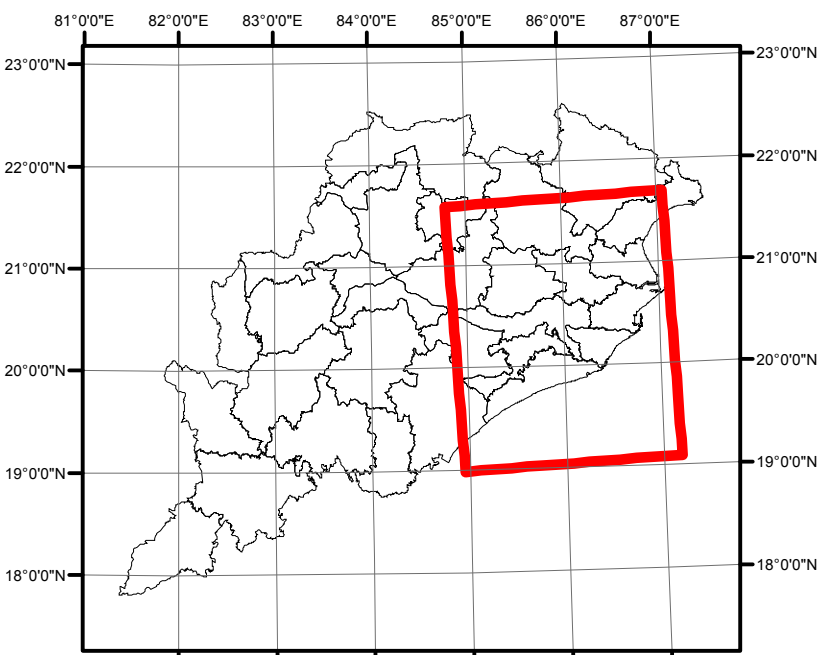
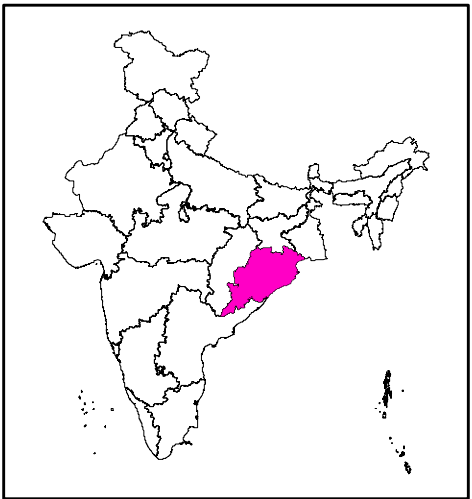
For official use

DISASTER EVENT ID: 1-FL-2019-OD
MAP ID: 2019/09

Date of Issue : 14.05.2019



Location Map



About the Event

Cyclone Fani made a landfall in Puri on Odisha coast on the morning of 3rd May,2019,triggering heavy rainfall coupled with high velocity winds with speed of 185kmph in vast area.Large areas in the seaside pilgrim town of Puri and other places are submerged in water as heavy rains battered the entire coastal belt of Odisha.

(Source: News Media)

Satellite Observations

This map highlights the cumulative flood inundation in Odisha State as on 3rd,4th,5th,6th,8th and 9th May-2019

Satellite data used

Pre Flood:
Satellite: Resourcesat-2
Sensor: AWIFS
Date of Pass: 20-Feb-2019

Other data used

NRC Landuse/Landcover Data of 2017-18
Bhuvan Geoportal Legacy Data

Post Flood

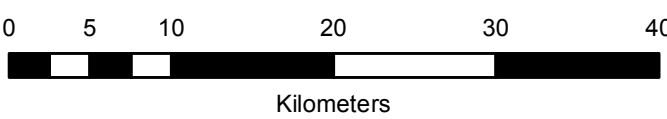
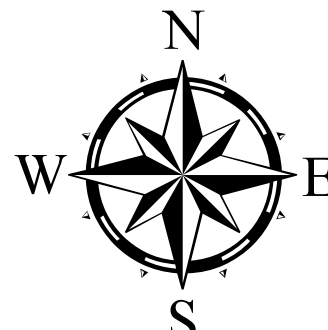
Sentinel 1A SAR--- 03-May-2019
Sentinel 1A SAR ---04-May-2019
ALOS PALSAR -2---04-May-2019
ALOS PALSAR -2- 05-May-2019
KANOPUS_V----06-May-2019
TERRASAR-X----04-May-2019
TERRASAR-X----05-May-2019
RADARSAT-2-- 06-May-2019
KANOPUS_V_1K-- 08-May-2019
KANOPUS_V----09-May-2019



ALOS PALSAR -2 satellite image "© JAXA (2019), distribution JAXA , all rights reserved".

Legend

- Settlement
- Railway
- Major Roads
- State Boundary
- District Boundary
- River / Waterbody
- Flood Inundation



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.

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Note: When publishing this map as part of any report, source may be indicated as " NRSC (2019) - Cyclone Fani Inundated areas in Part of Odisha State (as on3rd,4th,5th,6th,8th and 9th May-2019)" dated 14.05.2019 DSC/NDEM Map no : 2019/09, NRSC/ISRO, Hyderabad