

# Flood Inundated areas in part of Bihar State

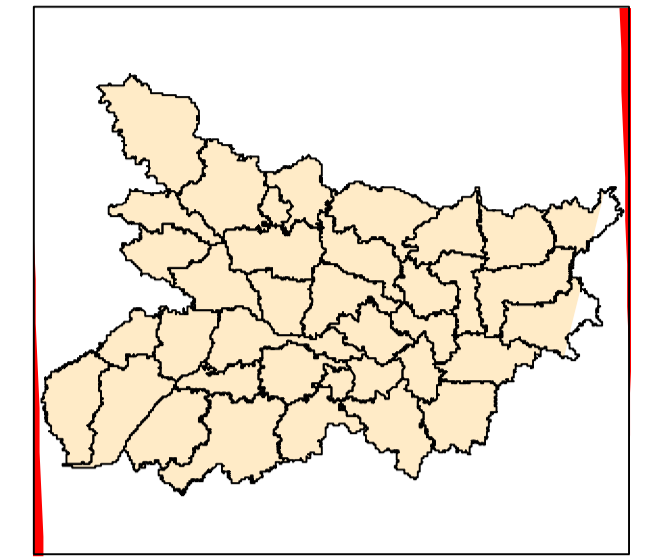
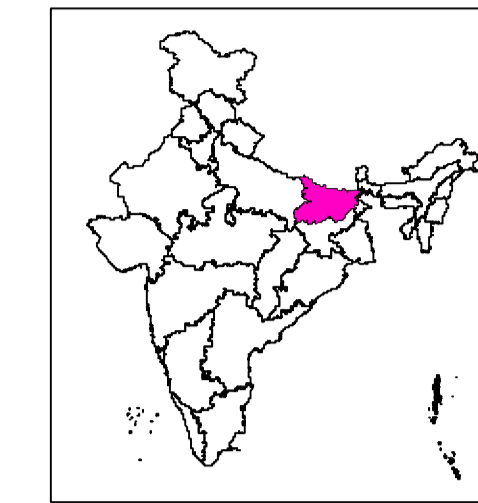
Based on the analysis of Radarsat SAR Image of 17-August-2014

For official use

DISASTER EVENT ID: 01-FLD-2014-BR  
MAP ID: 2014/01

Date of Issue : 17.08.2014

## Location Map



## About the Event

Heavy rains during third week of August, 2014 followed by rising water levels in all the major rivers of North Bihar, especially Kosi, Gandak, Kamla Balan and Bagmati has lead to floods in Bihar inundating over 100 villages in various flood-prone districts of Bagha, Gopalganj, Madhubani, Sitamarhi, Supaul, Saharsa, Khagaria, Darbhanga and Madhepura districts. (Source: News Media, CWC)

## Satellite Observations

This map highlights the flood inundation in 19 districts of Bihar State as on 17 August 2014.

## Satellite data used

Pre Flood:  
Satellite: ResourceSat-2  
Sensor: AWiFS  
Date of Pass: 16-March-2014

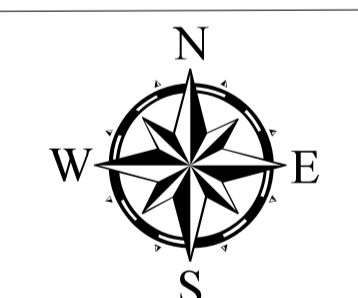
Post Flood:  
Radarsat SAR of 17-August-2014

## Other data used

NRC Landuse/Landcover Data of 2008-09

## Legend

- Airport
- District HQ
- State boundary
- District boundary
- Major Roads
- Other Roads
- Railway
- Normal River/Water Bodies
- River Bank
- Flood Inundation
- Area covered by Satellite



0 10 20 40 60  
Kilometers

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.

Districts with inundation less than 1000 ha are not included in the statistics

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 (2014) - Flood Inundated areas in Part of Bihar State (as on 17 August 2014)" dated 17.08.2014 DSC/NDEM Map no : 2014/01, NRSC/ISRO, Hyderabad