

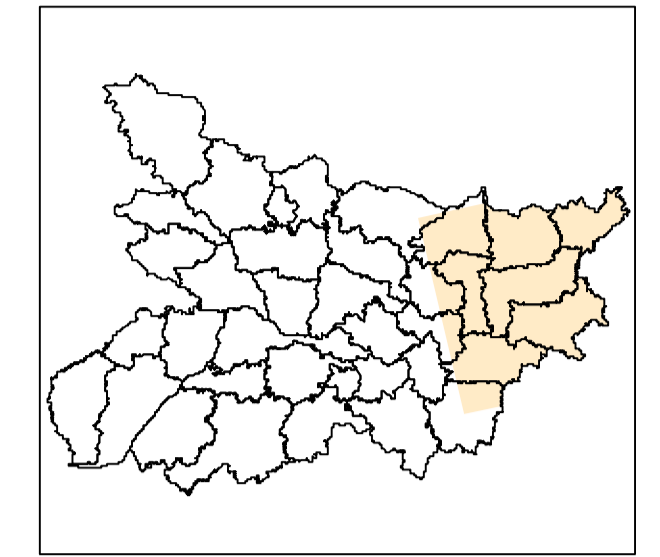
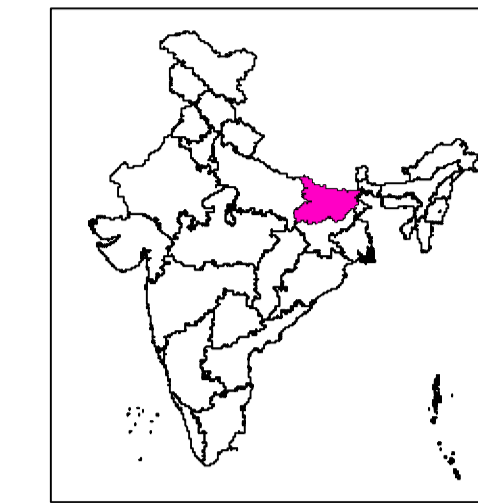
# Heavy Rain Inundated areas in part of Bihar State

Based on the analysis of Sentinel-1 SAR Image of 24-June-2020 (1800 Hrs)

DISASTER EVENT ID: 03-FLD-2020-BR  
MAP ID: 2020/01

Date of Issue : 25.06.2020

## Location Map



## About the Event

Heavy rains are reported in Bihar during fourth week of June 2020 and caused steady rise in water levels in parts of Bihar state. According to reports, River Mahananda and Gandak were reported to be flowing above danger level. (Source: News Media, FMISC)

## Satellite Observations

This map highlights the inundated areas due to heavy rains in 3 districts of Bihar State as on 24 th June 2020 (1800 Hrs) .

## Satellite data used

Pre Flood:  
Satellite: ResourceSat-2  
Sensor: AWiFS  
Date of Pass: 03-March-2020

## Post Flood

Sentinel-1 SAR  
24-June-2020 (1800 Hrs)

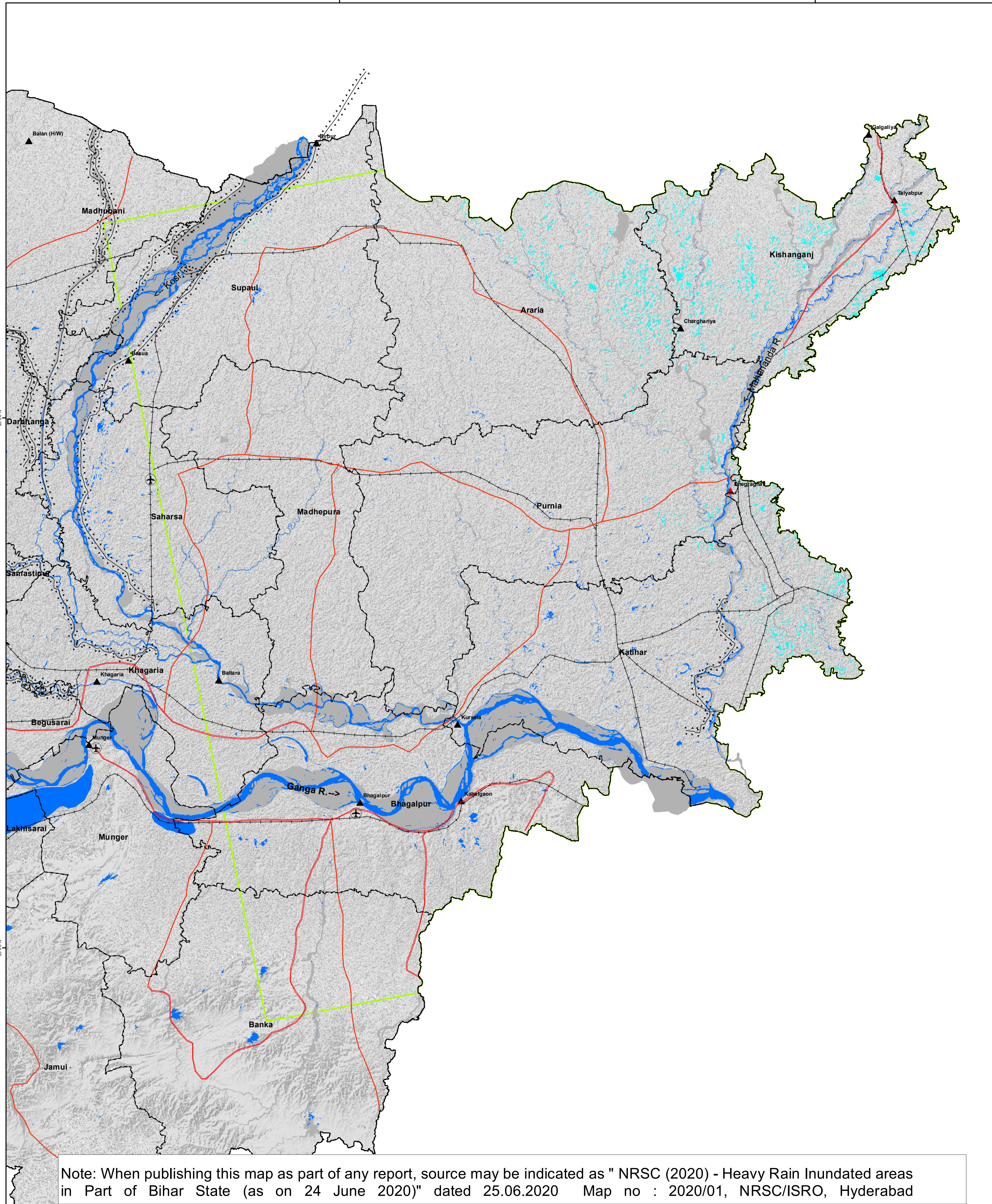
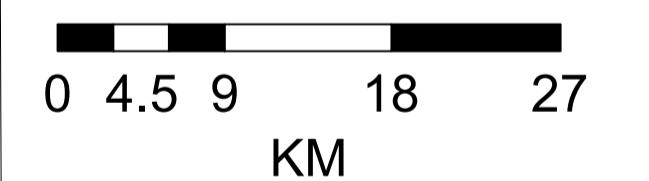
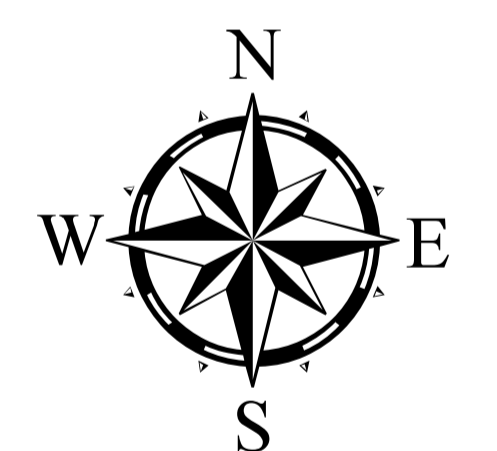
## Other data used

NRC Landuse/Landcover Data of 2018-19

Background Data: Shaded Relief

## Legend

- Airport
- District HQ
- State boundary
- District boundary
- Road cum Embankment
- Major Roads
- Other Roads
- Railway
- CWC River Guage- Severe Flood Situation
- CWC River Guage- Normal Flood Situation
- Normal River/Water Bodies
- River Bank
- Area Covered by Satellite
- Inundation



Note: When publishing this map as part of any report, source may be indicated as " NRSC (2020) - Heavy Rain Inundated areas in Part of Bihar State (as on 24 June 2020)" dated 25.06.2020 Map no : 2020/01, NRSC/ISRO, Hyderabad

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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