

Heavy Rain Inundated areas in Araria District of Bihar

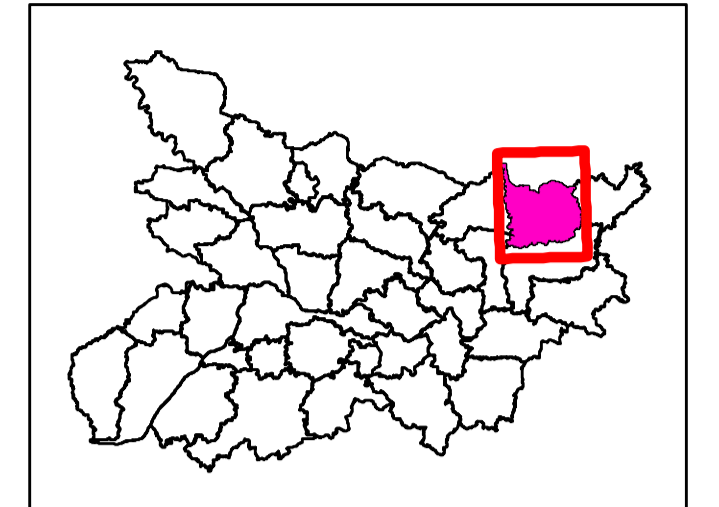
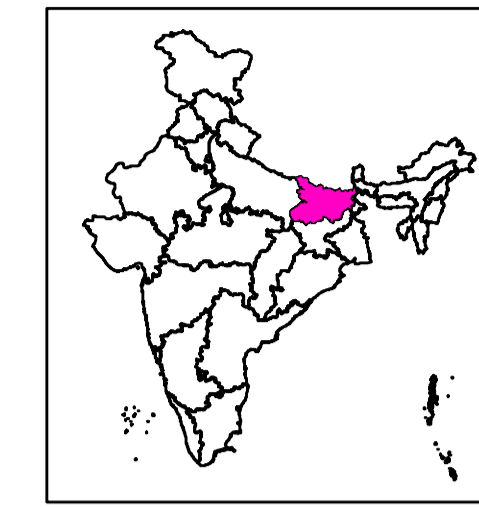
Based on the analysis of Sentinel-1 SAR Image of 24-June-2020 (1800 Hrs)

For official use

DISASTER EVENT ID: 03-FLD-2020-BR
MAP ID: 2020/02

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)

(Source: News Media, CWC)

Satellite Observations

This map highlights the inundated areas due to heavy rains in Araria District of Bihar as on 24 June 2020.

Satellite data used

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

Post Flood

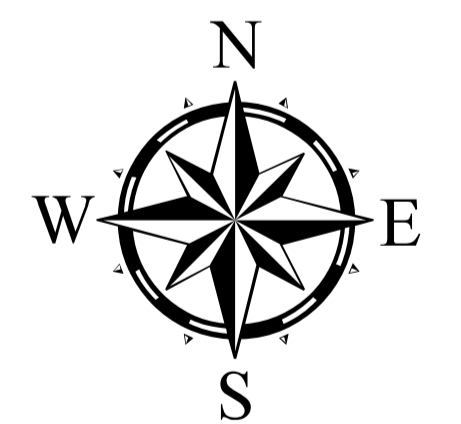
Sentinel-1 SAR
24-June-2020 (1800 Hrs)

Other data used

NRC Landuse/Landcover Data

Legend

- District Roads
- National Highway
- State Highway
- Railway
- Block Boundary
- Normal River/Water Bodies
- Inundation
- Satellite coverage



0 2 4 8 12 KM



Note: When publishing this map as part of any report, source may be indicated as " NRSC (2020) - Heavy Rain Inundated areas in Araria district (as on 24 June 2020)" dated 25.06.2020 Map no : 2020/02, 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.

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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