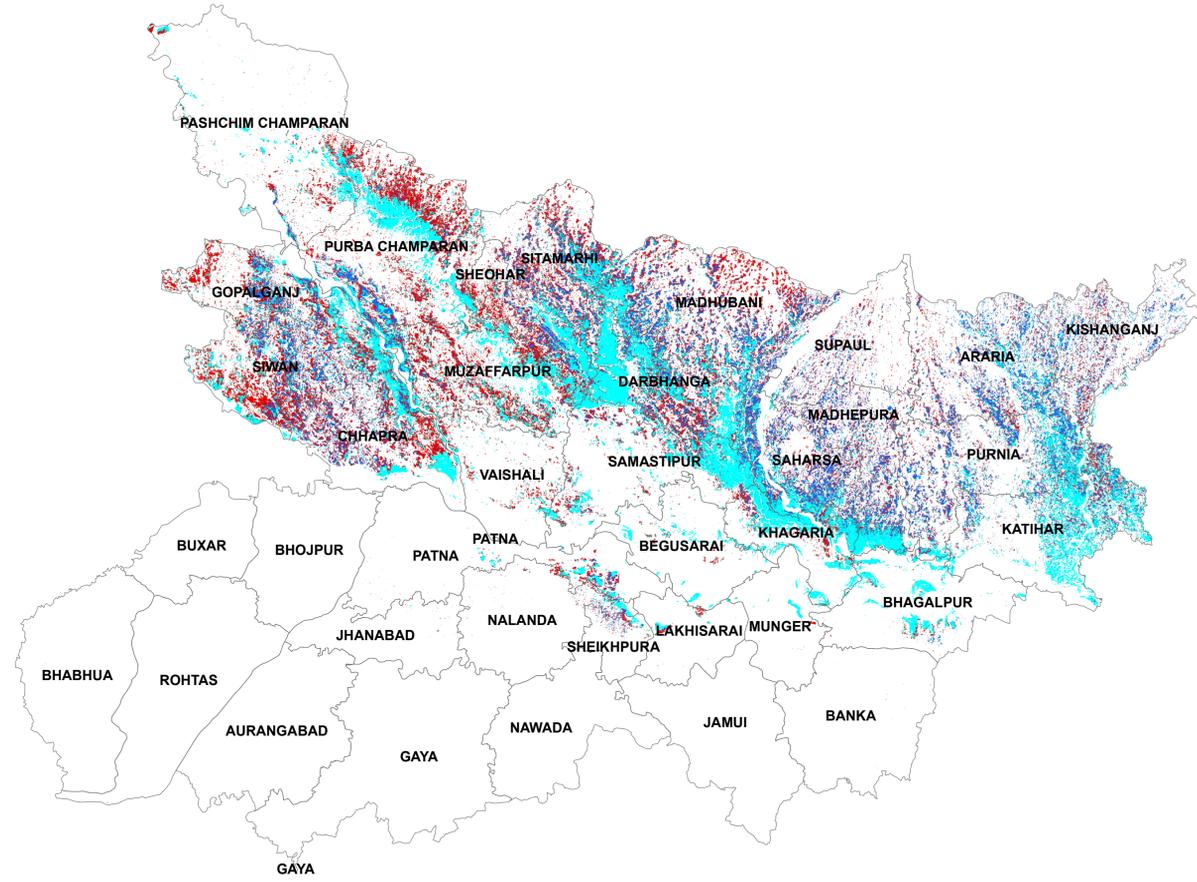


Cropped area affected due to flooding in Bihar state

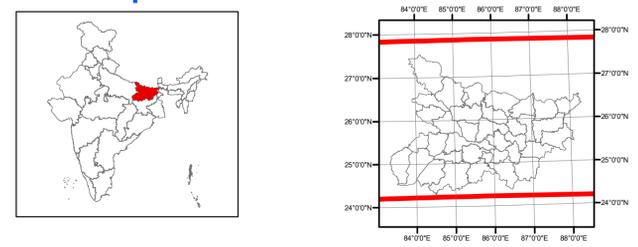
DISASTER EVENT ID: 03-FL-2020-BR
MAP ID: 2020/92

Date of Issue : 19.08.2020

Probable kharif cropped area affected due to flooding



Location Map



About the Event

Consequent to the onset of monsoons, heavy rains lashed Bihar state in July and first week of August 2020. Widespread damage was reported to the kharif cropped areas due to incessant rains and flooding. In Bihar, the major kharif crop is paddy, followed by maize and vegetables.

Satellite Observations

The maps indicate the probable kharif crop area and kharif rice area inundated due to the rainfall and flooding. Both maps pertain to two time periods of inundation - July 03 to July 23, 2020 and July 16 to August 07, 2020. Besides showing the inundated cropped areas, the maps also indicate the cropped areas that remained under water for 8 days (from July 16 to July 3, 2020).

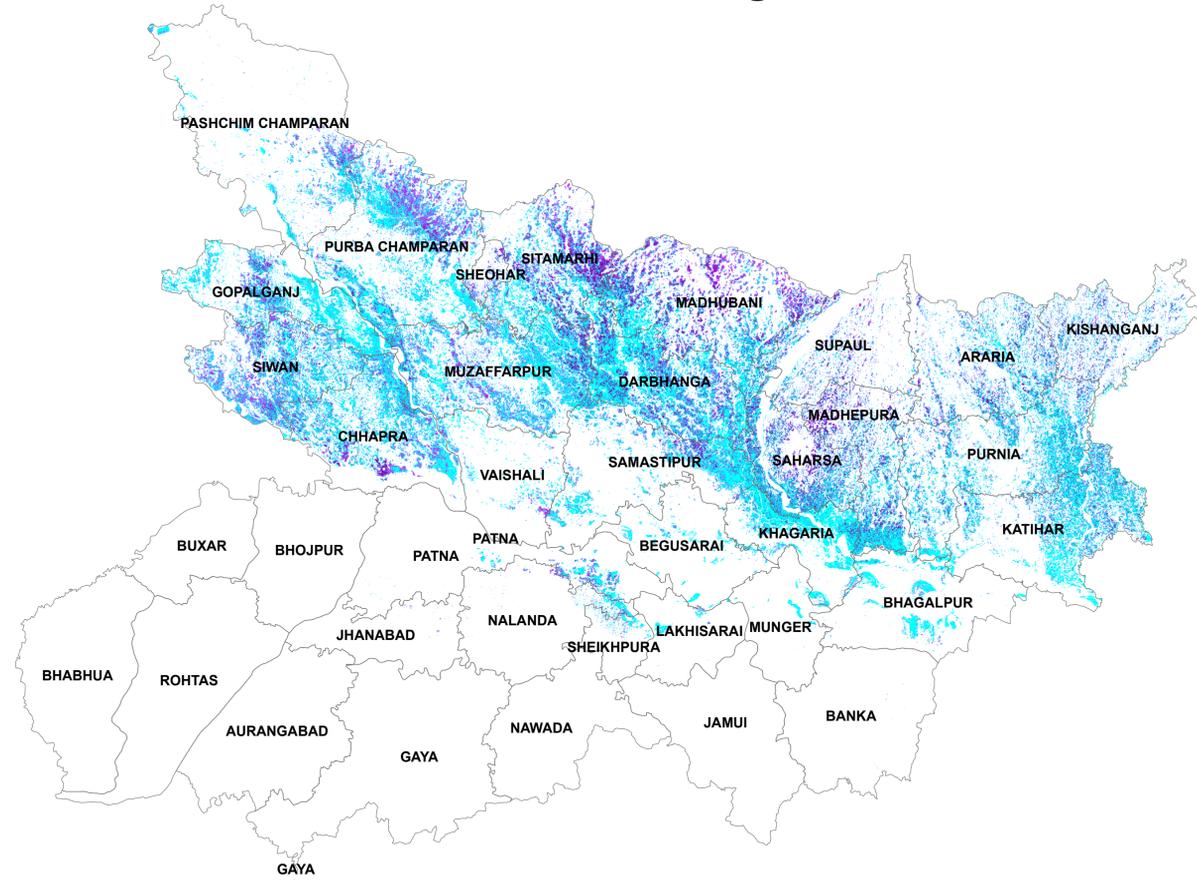
Satellite data used

Satellite/Sensor: Resourcesat-2/AWiFS, Sentinel-1/SAR

Other data used

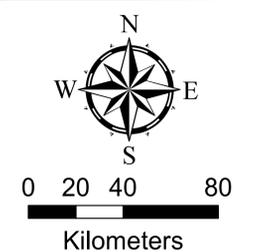
Flood layers of Bihar state (Jul 03-23, Jul 16-Aug 07, 2020)
- Source: DSC
NRC Landuse/Landcover data

Probable kharif rice area affected due to flooding



Legend

- District Boundary
- Flooded area
- Probable kharif cropped area inundated (Jul 03 - Aug 07, 2020)
- Probable kharif cropped area continuously under inundation for 8 days (during Jul 16 to Jul 23, 2020)
- Probable kharif rice area inundated (Jul 03 - Aug 07, 2020)
- Probable kharif rice area continuously under inundation for 8 days (during Jul 16 to Jul 23, 2020)



This product is prepared on rapid mapping mode for immediate use. This provides preliminary results.

All geographic information has limitations due to the scale, resolution, date and interpretation of the original source materials.

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Note: When publishing this map as part of any report, source may be indicated as "NRSC (2020) - "Cropped area affected due to flooding in Bihar state (based on flood layer from Jul 3 to 7 Aug 2020) dated 19.08.2020 Map no : 2020/92, NRSC/ISRO, Hyderabad