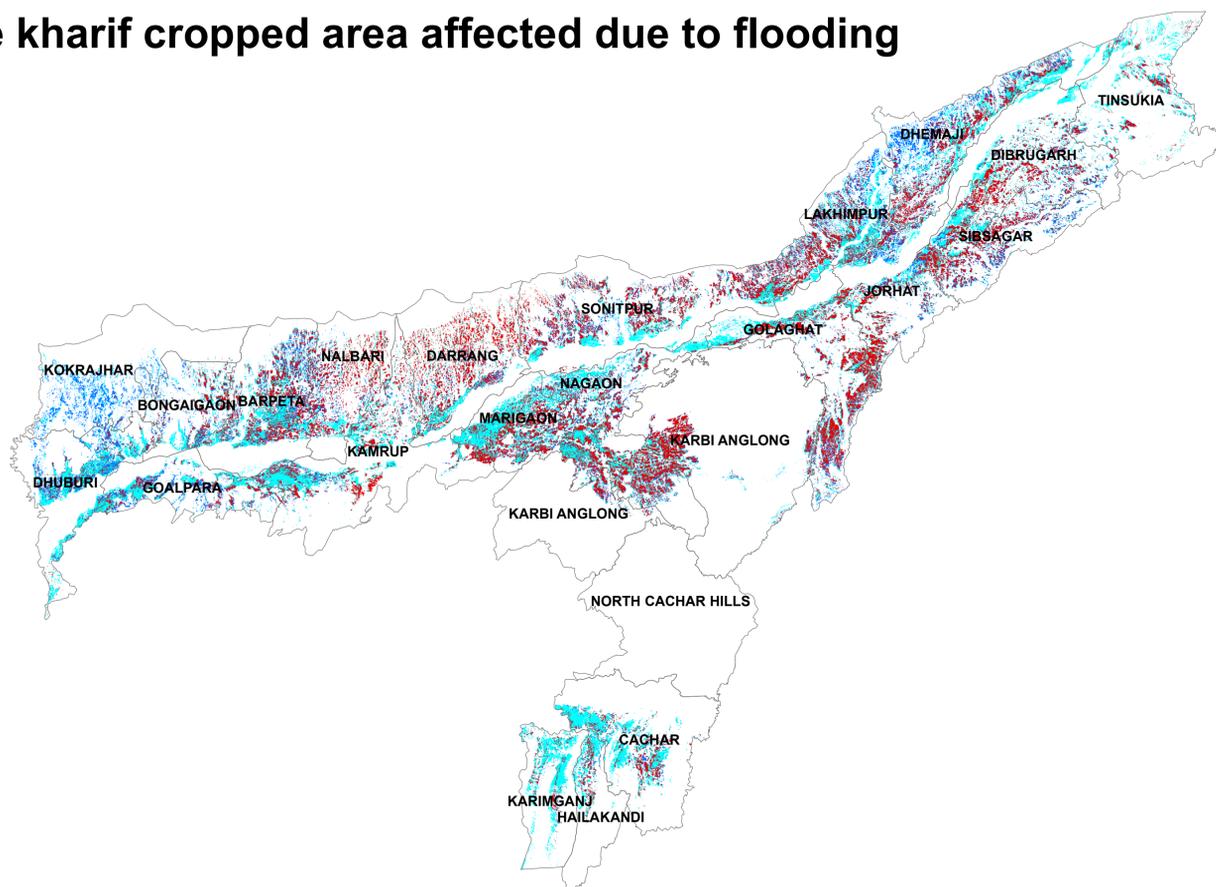


# Cropped area affected due to flooding in Assam state

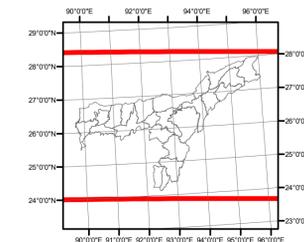
DISASTER EVENT ID: 02-FL-2020-AS  
MAP ID: 2020/38

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 Assam 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 Assam, the major kharif crop is paddy, followed by pulses 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 10 to July 18, 2020 and July 19 to August 06, 2020.

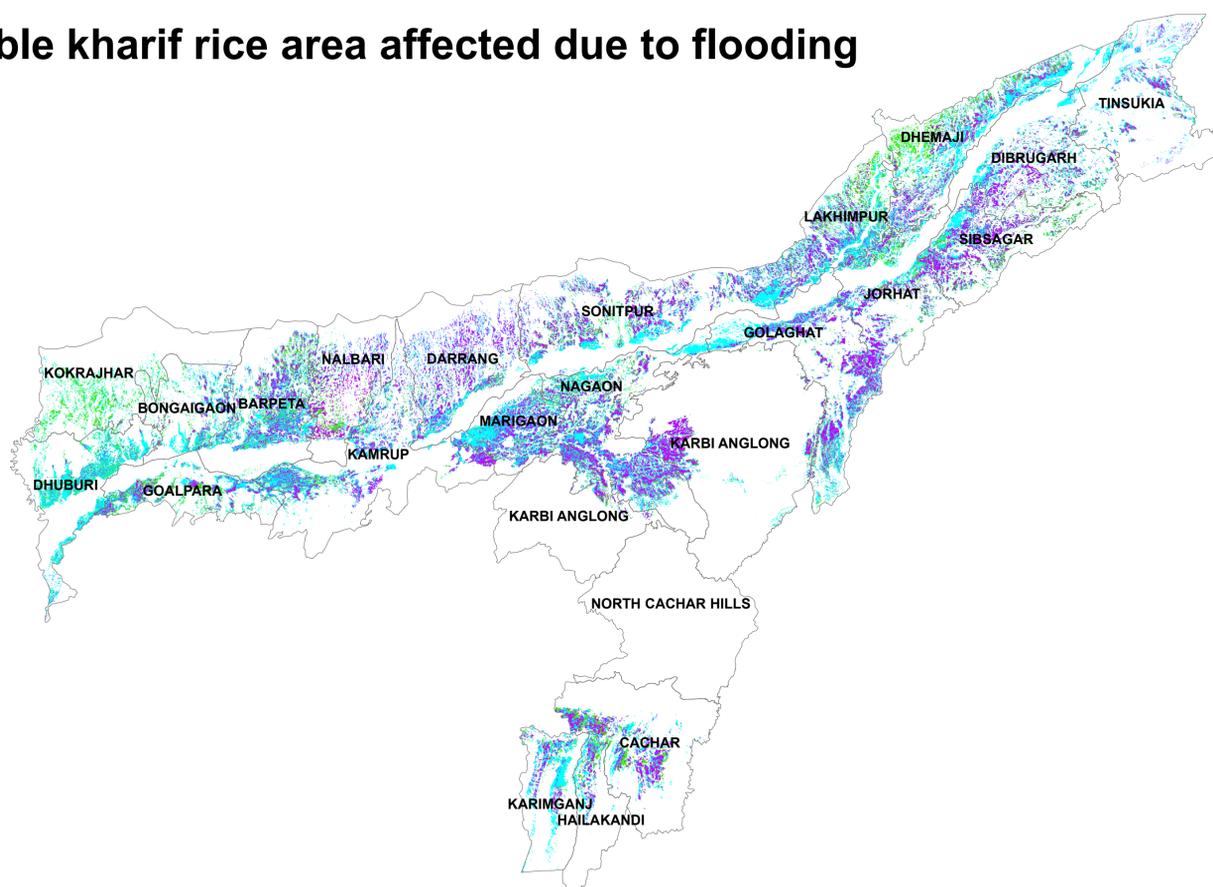
### Satellite data used

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

### Other data used

Flood layers of Assam state (Jul 10-18, Jul 10-Aug 06, 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 10 - Jul 18, 2020)
- Probable kharif cropped area inundated (Jul 19 - Aug 06, 2020)
- Probable kharif rice area inundated (Jul 10 - Jul 18, 2020)
- Probable kharif rice area inundated (Jul 19 - Aug 06, 2020)



0 25 50 100  
Kilometers

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 Assam state (based on flood layer from Jul 10 to Aug 06, 2020) dated 19.08.2020 Map no : 2020/38, NRSC/ISRO, Hyderabad