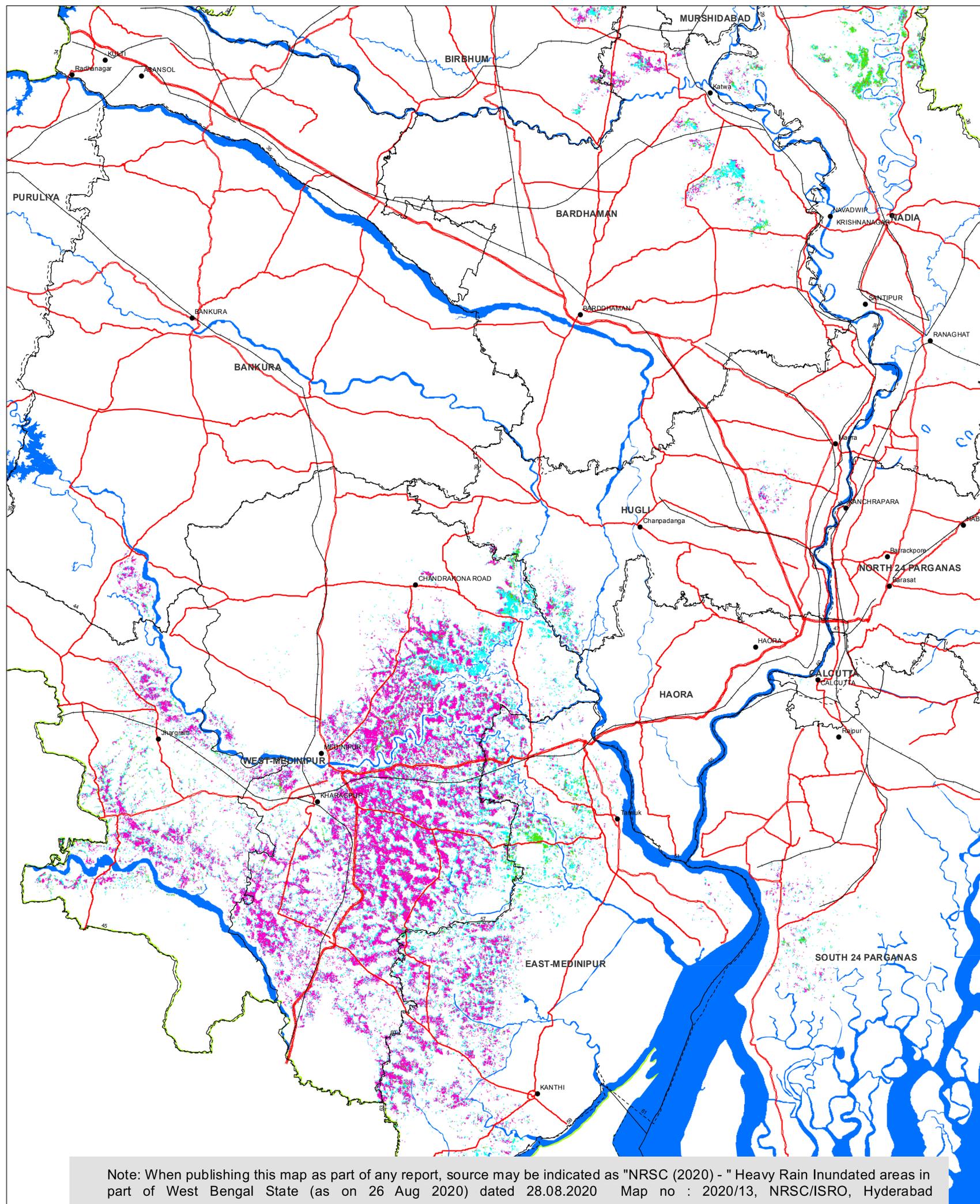


Cropped area affected due to flooding in parts of West Bengal state

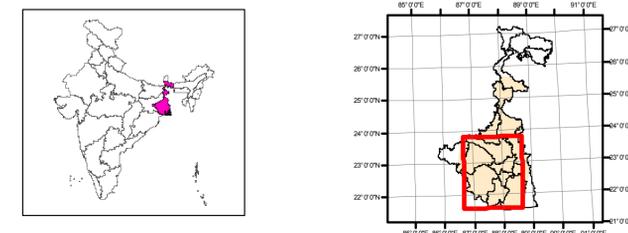
Flood Layer is derived by DMSG, NRSC based on the analysis of SENTINEL-1A SAR image of 26-Aug-2020 (0600 Hrs IST)

DISASTER EVENT ID: 13-FL-2020-WB/13
MAP ID: 2020/13

Date of Issue : 02.09.2020



Location Map



About the Event

Heavy rains were reported in West Bengal during the fifth week of August, 2020 under influence of South West Monsoon. Due to this, the water logging and damages were reported for kharif cropped area in south west part of West Bengal. In West Bengal, the major kharif crop is paddy followed by limited cultivation of Maize, pulses and vegetables.

Satellite Observations

This map indicates the probable kharif cropped area and kharif rice area inundated due to heavy rainfall. The map pertains to the inundation as on 26-Aug 2020.

Satellite data used

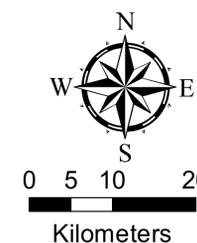
Pre Flood:	During Flood:
Satellite: Resourcesat-2	Satellite: Sentinel-1
Sensor: AWiFS	Sensor: SAR
Date of Pass 01-Mar-2020	Date of Pass 26-Aug-2020 (0600 Hrs IST)

Other data used

NRC Landuse/Landcover Data
Potential Kharif Rice Area, ASAG, NRSC

Legend

- Settlements
- State Boundary
- District Boundary
- National Highway
- State Highway
- Probable kharif Rice area inundated (26 Aug 2020)
- Probable kharif Non-rice area inundated (26 Aug 2020)
- Major Rivers/Water Bodies
- Inundation
- Railways



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

Inundation may include rain induced inundation / rain 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.

Note: When publishing this map as part of any report, source may be indicated as "NRSC (2020) - " Heavy Rain Inundated areas in part of West Bengal State (as on 26 Aug 2020) dated 28.08.2020 Map no : 2020/13, NRSC/ISRO, Hyderabad

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