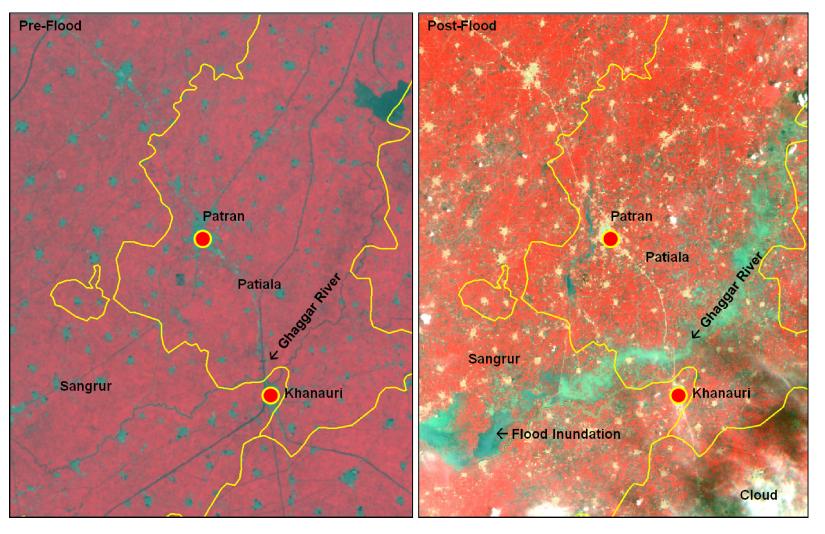
PUNJAB FLOODS - 2019

- Heavy Incessant rains were reported in Punjab state during third week of July, 2019 inundating vast tracts of land in Patiala & Sangrur districts. NRSC acquired RADARSAT-2 SAR satellite data of 22nd & Resourcesat-2A LISS IV FMX Data of 24th July 2019 to map & monitor the flood inundated areas.
- The following satellite images show pre & post flood situation in districts.

Resourcesat-2 AWiFS image of 18-Feb-2018

Resourcesat-2 A LISS IV FMX image of 24-Jul-2019



PUNJAB FLOODS - 2019

Flood Inundated areas in part of Punjab State

Based on the analysis of ResourceSat 2A LISS 4 FMX satellite image of 24th July 2019

For official use

DISASTER EVENT ID: 06-FLD-2019-PU MAP ID: 2019/02

Date of Issue: 25.07.2019

Location Map





Heavy rains has been reported in parts of Punjab during the third week of July, 2019 which has caused flooding on the banks of River Ghaggar in many districts across the state. Major crop damage was reported in

(Source: News Media)

Satellite Observations

This map highlights the flood inundation in 2 districts of Punjab State as on 25 July 2019.

Satellite data used

Pre Flood: Satellite: ResourceSat-2 Sensor: AWiFS

Post Flood: ResourceSat 2A LISS 4 FMX satellite

data of 24-07-2019 Date of Pass: 07-March-2018

Other data used

NRC Landuse/Landcover Data of 2014-15 Shaded Relief -Background Map

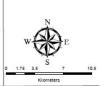
Willage Boundary

District Boundary
State Boundary

- Ralis - National Highway

- State Highway

Normal River/Water Bodies
Cloud cover Flood Inundation Area covered by Satellite



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

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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