

Flood Inundated areas in Part of Karnataka State

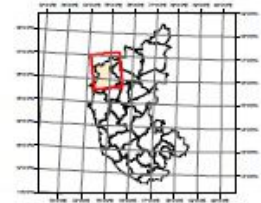
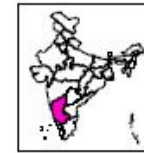
Based on the analysis of RCM-2 SAR Image of 30-Jul-2021 (0600 Hours)

For official use

DISASTER EVENT ID: 09-FL-2021-KA
MAP ID: 2021/04

Date of Issue : 30.07.2021

Location Map



About the Event

Incessant rains lashed Karnataka during fourth week of July 2021. River Ghatprabha and River Dudhganga in Belgaum district and River Tunga in Shimoga district were reported to be flowing in severe flood situation. (Source: News Media, CWC)

Satellite Observations

This map highlights the inundation due to heavy rains in part of Belgaum district of Karnataka State as on 30-July-2021.

Satellite data used

Pre Flood:
Satellite: Resourcesat-2
Sensor: AWIFS
Date of Pass : 02-Apr-2020

Post Flood:
Satellite: RCM-2
Sensor: SAR
Date of Pass : 30-July-2021
(0600 Hrs)

Other data used

NRC Landuse/Landcover Data of 2018-19

Background Data: Shaded Relief

Legend

- Taluk Boundary
- District Boundary
- State Boundary
- Rail Network
- National Highway
- State Highway
- Rivers/Water Bodies
- Flood Inundation
- Area Covered by Satellite



0 2.5 5.0 10 15.0
Kilometer

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.

This product is prepared using RCM-2 SAR satellite data provided under International Charter Call-830



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Note: When publishing this map as part of any report, source may be indicated as " NRSC (2021) - Flood Inundated areas in Part of Karnataka State (as on 30 Jul 2021)" dated 30.07.2021 RRES Map no : 2021/04, NRSC/ISRO, Hyderabad