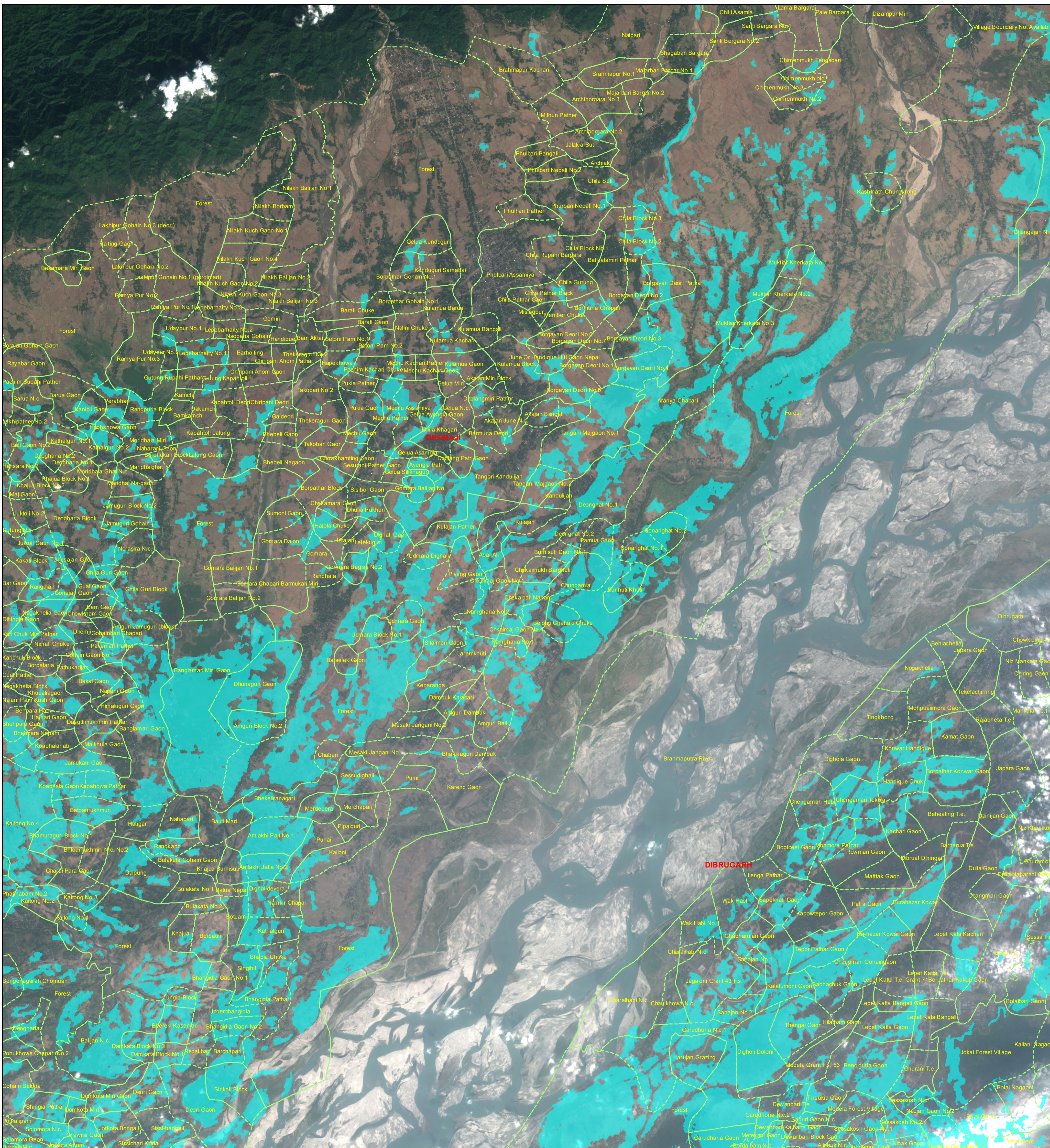


Cumulative Flood Inundated Areas in Assam State

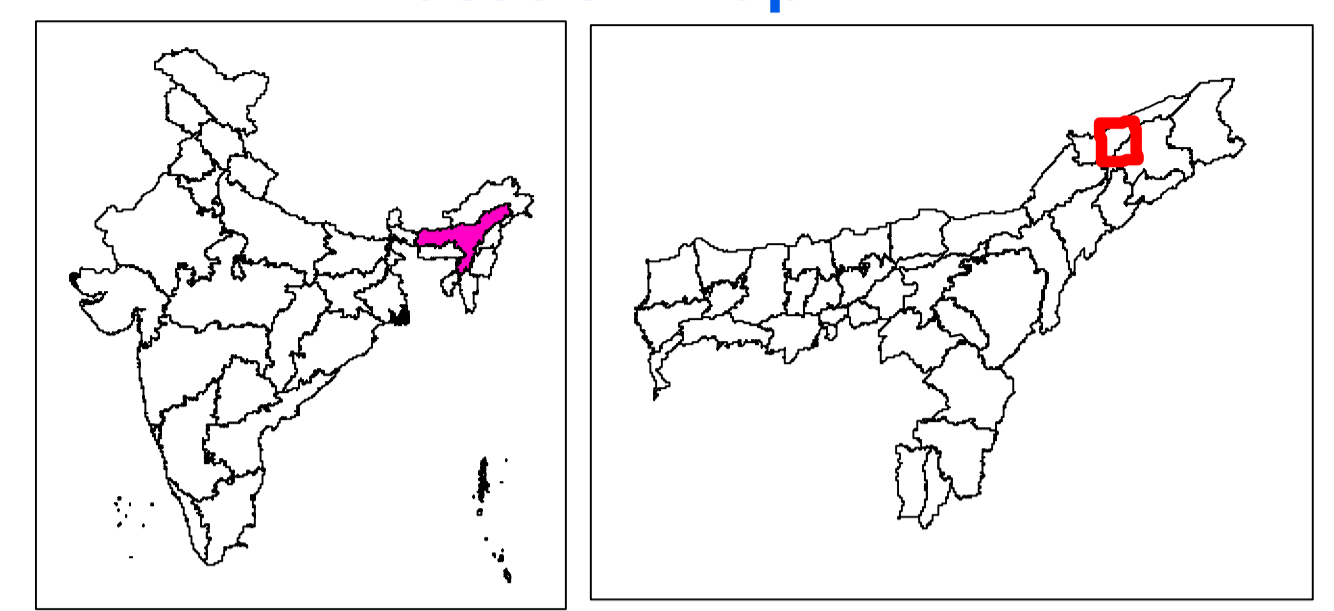
Based on the analysis of Sentinel-1 & RADARSAT-2 SAR satellite data of 21, 24, 26, 28 Jun & 01 Jul 2020

DISASTER EVENT ID: 02-FLD-2020-AS
MAP ID: 2020/10

Date of Issue : 02.07.2020



Location Map



About the Event

Heavy rains were reported in Assam during fourth week of June 2020 and caused steady rise in water levels in parts of Assam state. According to reports, River Brahmaputra and its tributaries were reported to be flowing above danger level. (Source: News Media, ASDMA)

Satellite Observations

This map highlights the cumulative flood inundated areas in Assam state during 21-June to Jul 01, 2020.

Satellite data used

Pre Flood:	During Flood:
Satellite: ResourceSat-2	Sentinel-1 SAR 21-June-2020
Sensor: AWIFS	Radarsat-2 SAR 24-June-2020
Date of Pass: 03-March-2020	Radarsat-2 SAR 26-June-2020
	Sentinel-1 SAR 28-June-2020
	Sentinel-1 SAR 01-July-2020

Background Image

Sentinel-2A
03-Feb-2020



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.

Legend

- Village Boundary
- Flood Inundation

Rapid Response & Emergency Services
National Remote Sensing Centre, ISRO
Dept. of Space, Govt. of India
Hyderabad- 500 037
E-Mail: flood@nrscc.gov.in
www.nrscc.gov.in

Note: When publishing this map as part of any report, source may be indicated as "NRSC (2020) - Cumulative Flood Inundated areas in part of Assam State (as on 02 July 2020)" dated 02.07.2020
Map no : 2020/09, NRSC/ISRO, Hyderabad