

# Flood Duration Map of Assam State - Covering Morigaon, Nagaon and Hojai Districts

**Based on the analysis of Multi-Mission Satellite Images during 31-05-2024 to 17-06-2024**

**Map ID:**



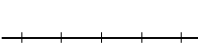

2024/FL/AS/16a/3105-17062024

**Date of Issue:** 21.06.2024







## About the Event

Heavy Rains in Assam resulted in flood inundation in several districts during May and Jun, 2024. NRSC has carried out satellite based analysis from 31 May - 11 Jun, 2024 and a flood duration map is prepared representing the flood scenario in Assam.

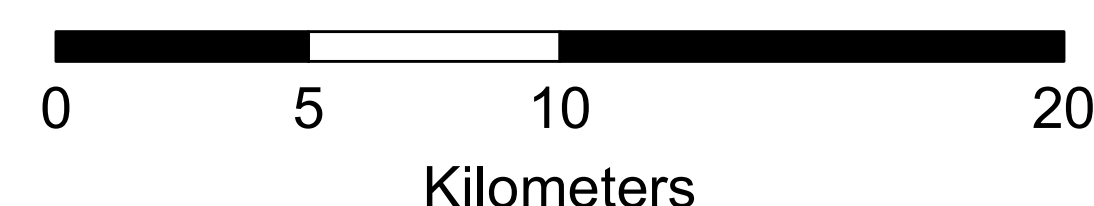
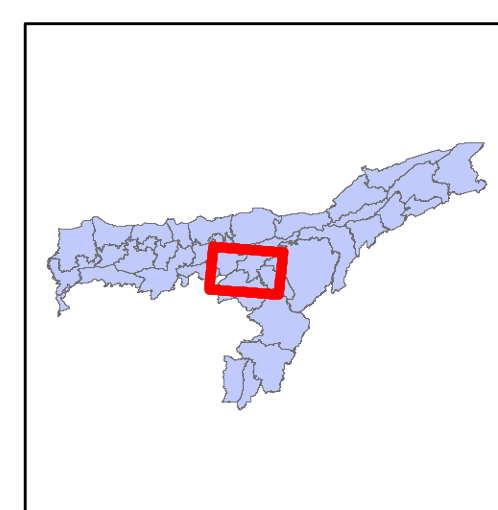
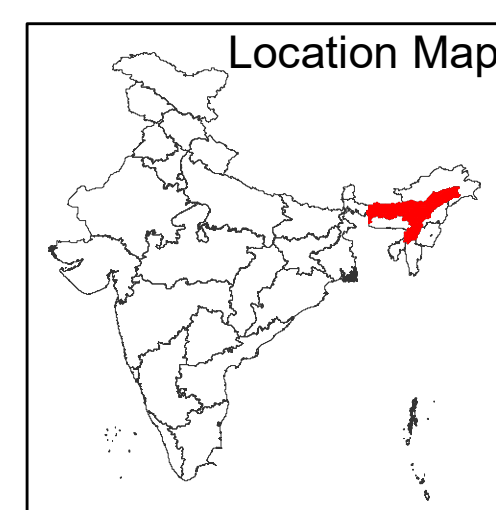
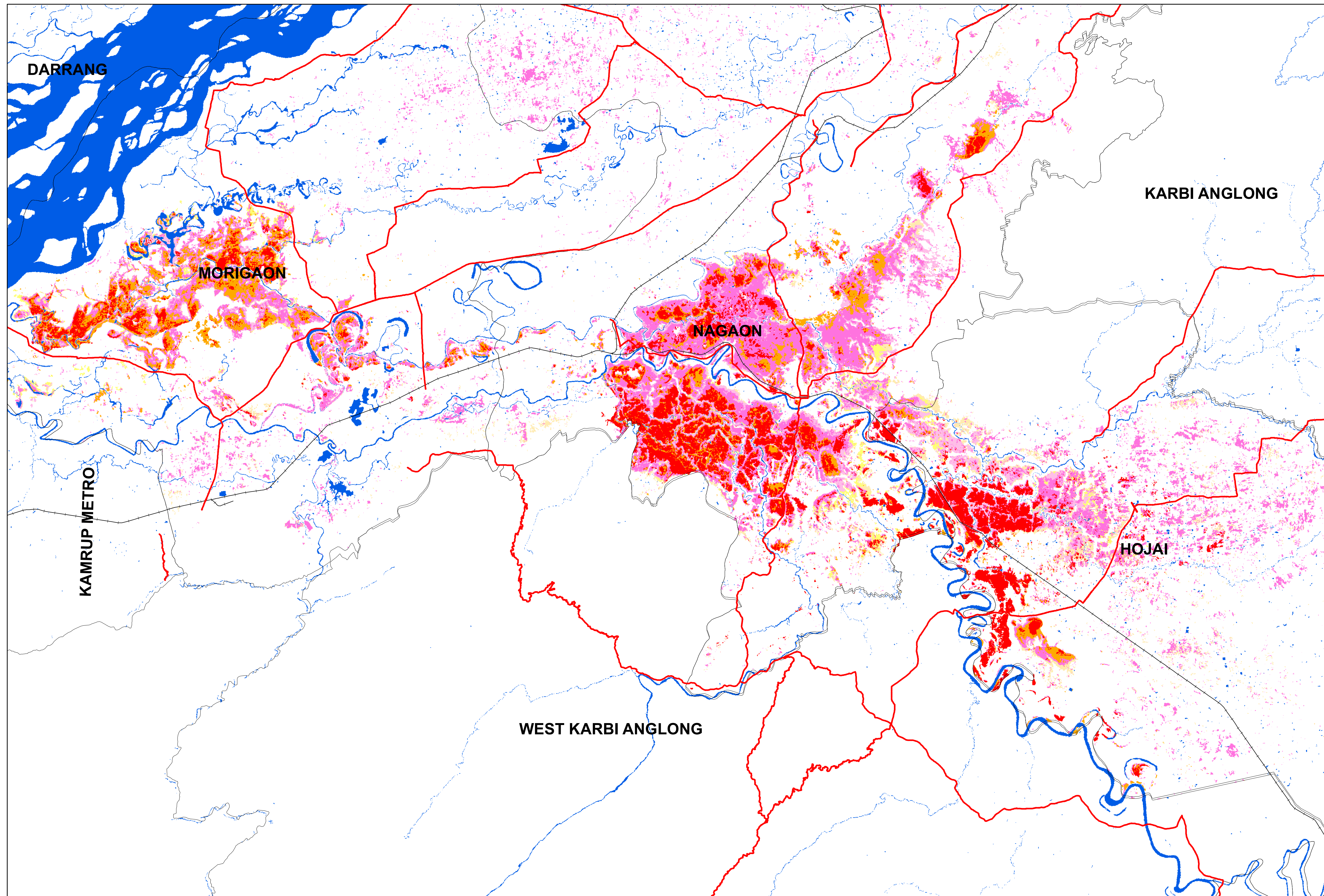
## Legend

-  Rivers / Waterbodies
-  Road Network
-  Rail Network
-  District Boundary

## Flood Duration

-  3 Days
-  6 Days
-  7 Days
-  8 Days
-  12 Days
-  17 Days

**Disclaimer :** Flood Duration Map is prepared from the temporal satellite data where there is continuous acquisitions. This is a Rapid assessment with the avaialbale information. Field verification is not done.



**Disclaimer :** Flood affected area map is a cumulative of flood inundation areas mapped from multi-date satellite data acquired and processed . Flood inundation may include rain water accumulation / flood water in low lying areas. Estimated flood extent depends on availability of satellite data, it's date of overpass and coverage over flooded areas. Some of the flash flood events could not be mapped due to non availability of satellite data in short duration. Flood affected area estimated in the study excludes river portion, permanent water bodies, salt pan and aquaculture lands in flood plains. Hence, actual flooded area may be more than the area estimated by satellite images.

Citation ' NRSC (2024) - Cumulative Flood Inundated areas in Part of Assam State (during 31.05.2024 to17.06.2024)' , Map no : 2024/FL/AS/16a/3105-17062024, NRSC/ISRO,Hyderabad.

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