



30 August 2024

PRELIMINARY SATELLITE-DERIVED FLOOD IMPACT ASSESSMENT

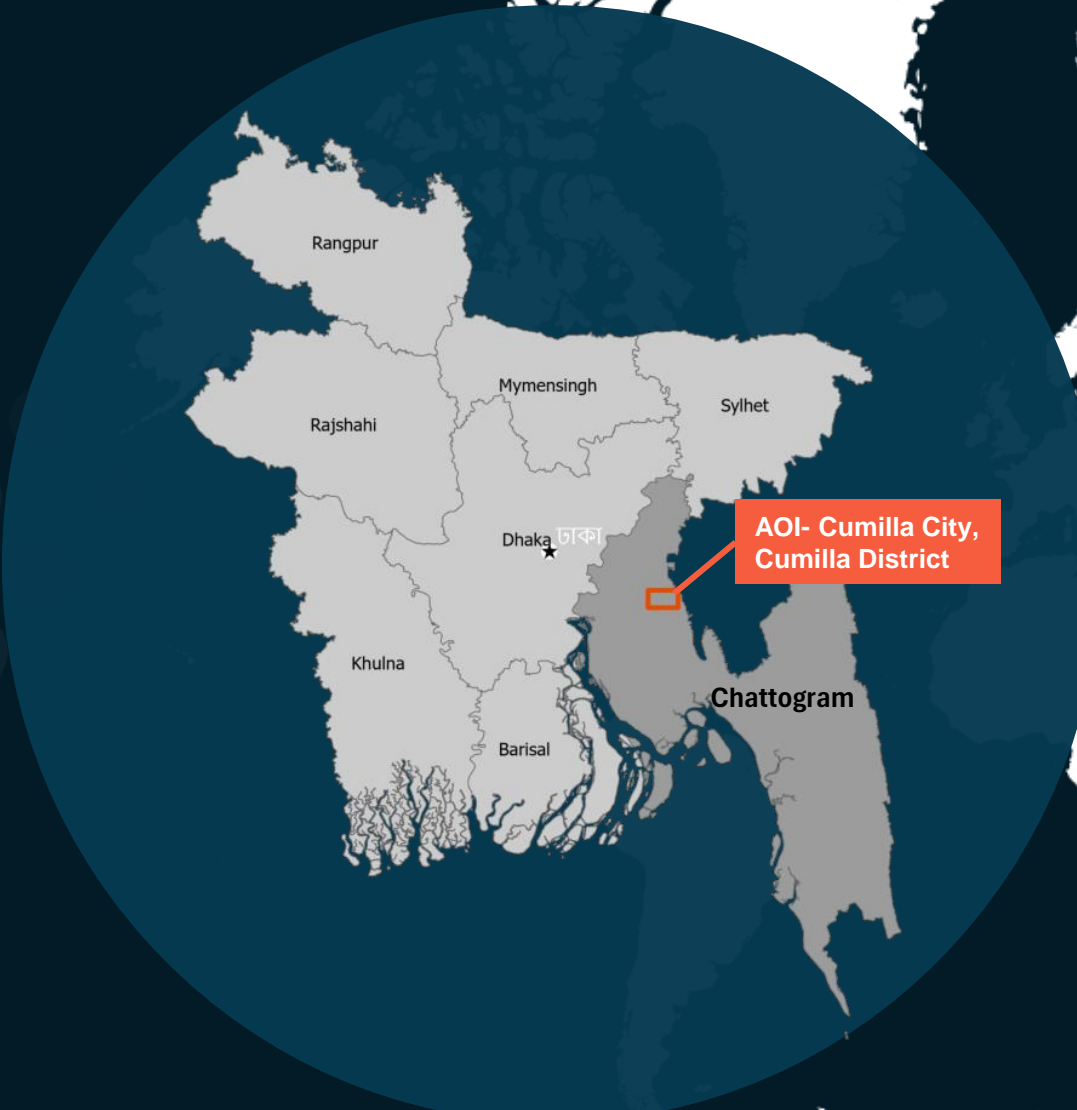



Cumilla City, Cumilla district, Chattogram Division, Bangladesh

 Status: Inundated structures/houses and croplands observed.

 Further action(s): Continue monitoring

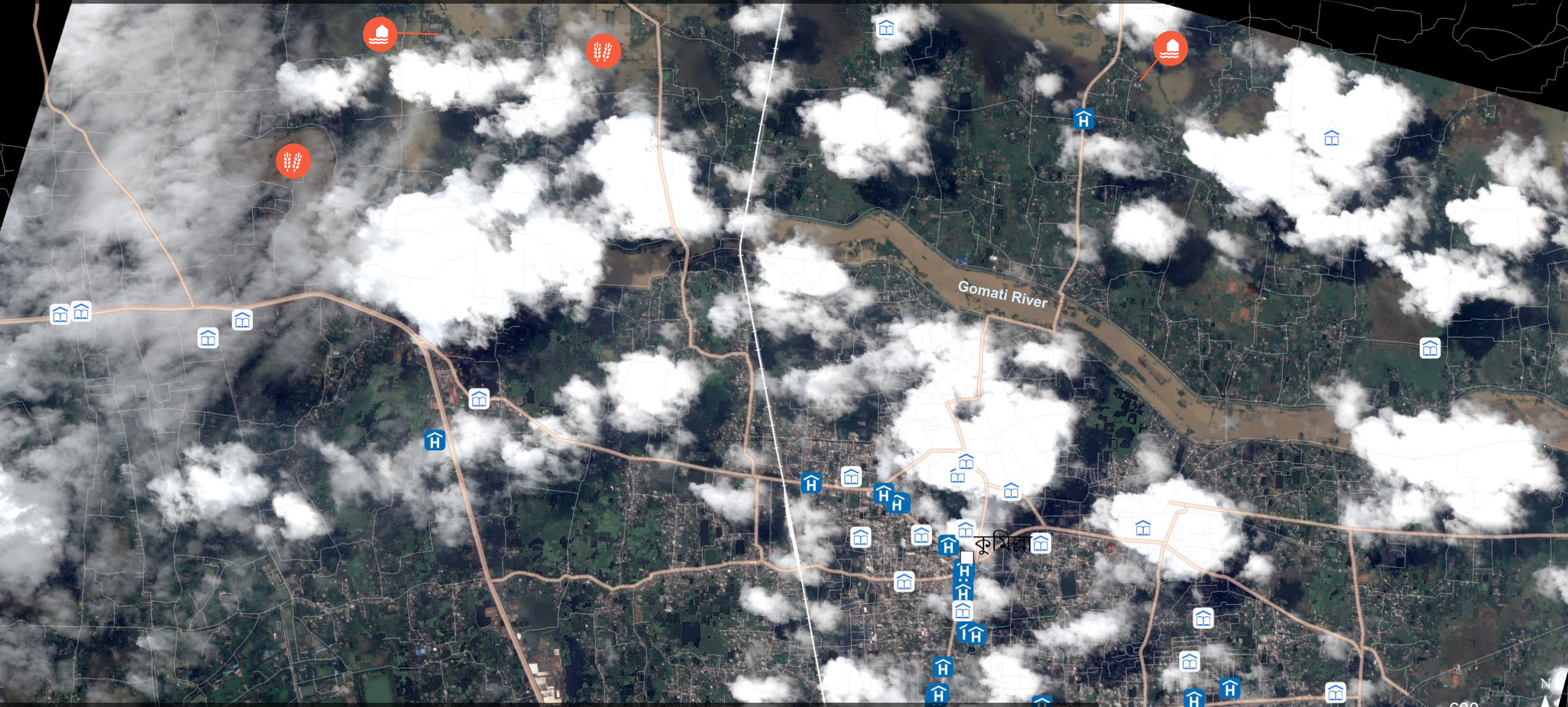
Bangladesh






 Area of interest

CUMILLA CITY, CUMILLA DISTRICT, CHATTROGRAM DIVISION

Inundated structures/houses and croplands



Pleiades image acquired on 29 August 2024 at 04:26 UTC
Image center: 91°10'12"E 23°27'51"N

-  Inundated road
-  Inundated urban area
-  Inundated agricultural area

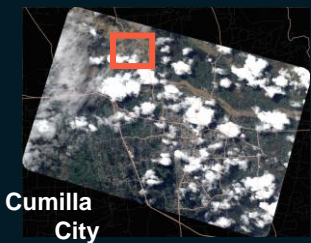


AOI1- CUMILLA CITY, CUMILLA DISTRICT, CHATTROGRAM DIVISION

Inundated structures/houses and croplands

Image center:
91°8'45"E
23°30'23"N

Cumilla
City



GeoEye / 16 October 2023

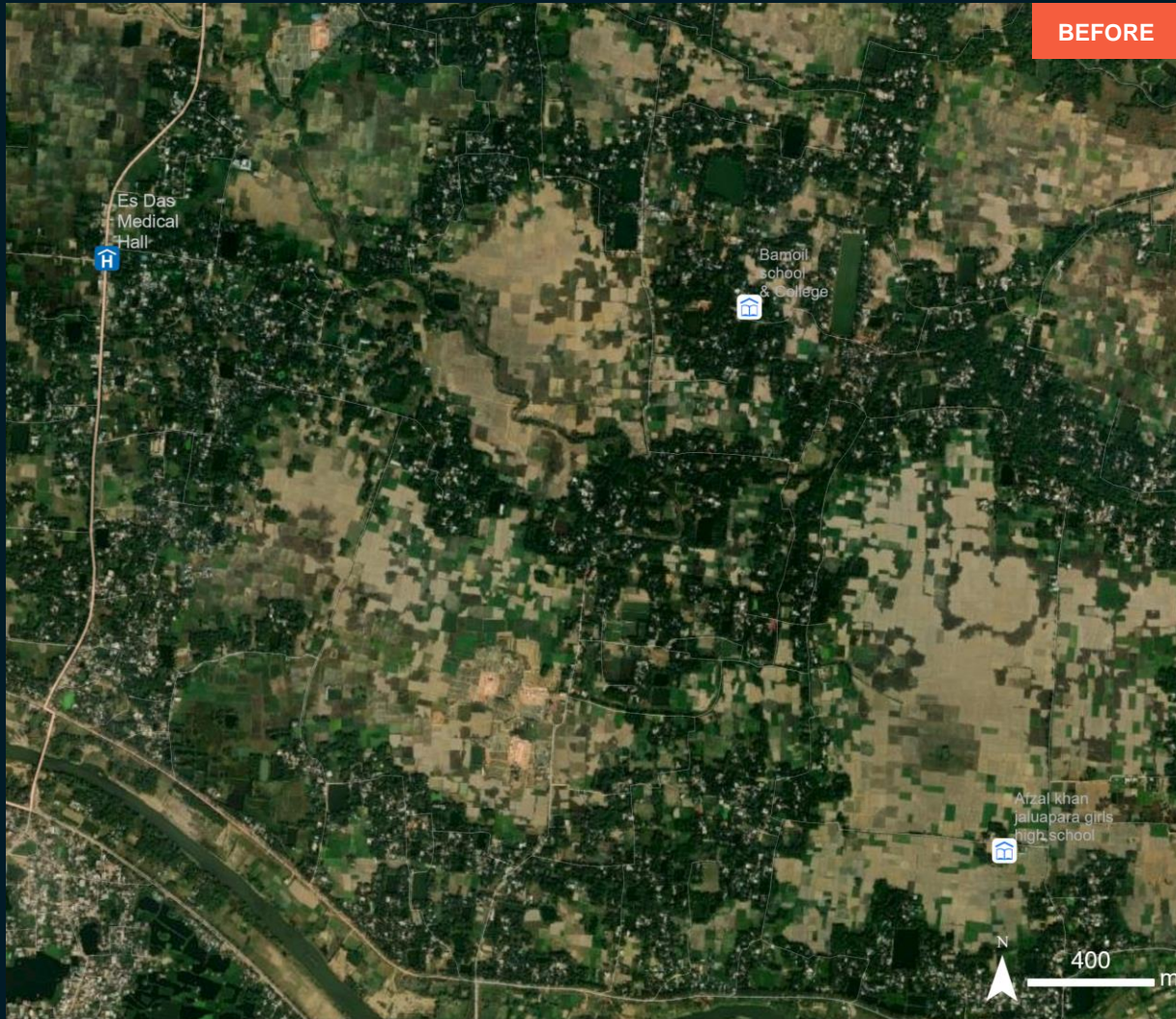
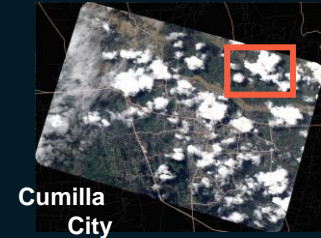


Pleiades / 29 August 2024

AOI2- CUMILLA CITY, CUMILLA DISTRICT, CHATTROGRAM DIVISION

Inundated structures/houses and croplands

Image center:
91°12'20"E
23°29'11"N



GeoEye / 16 October 2023

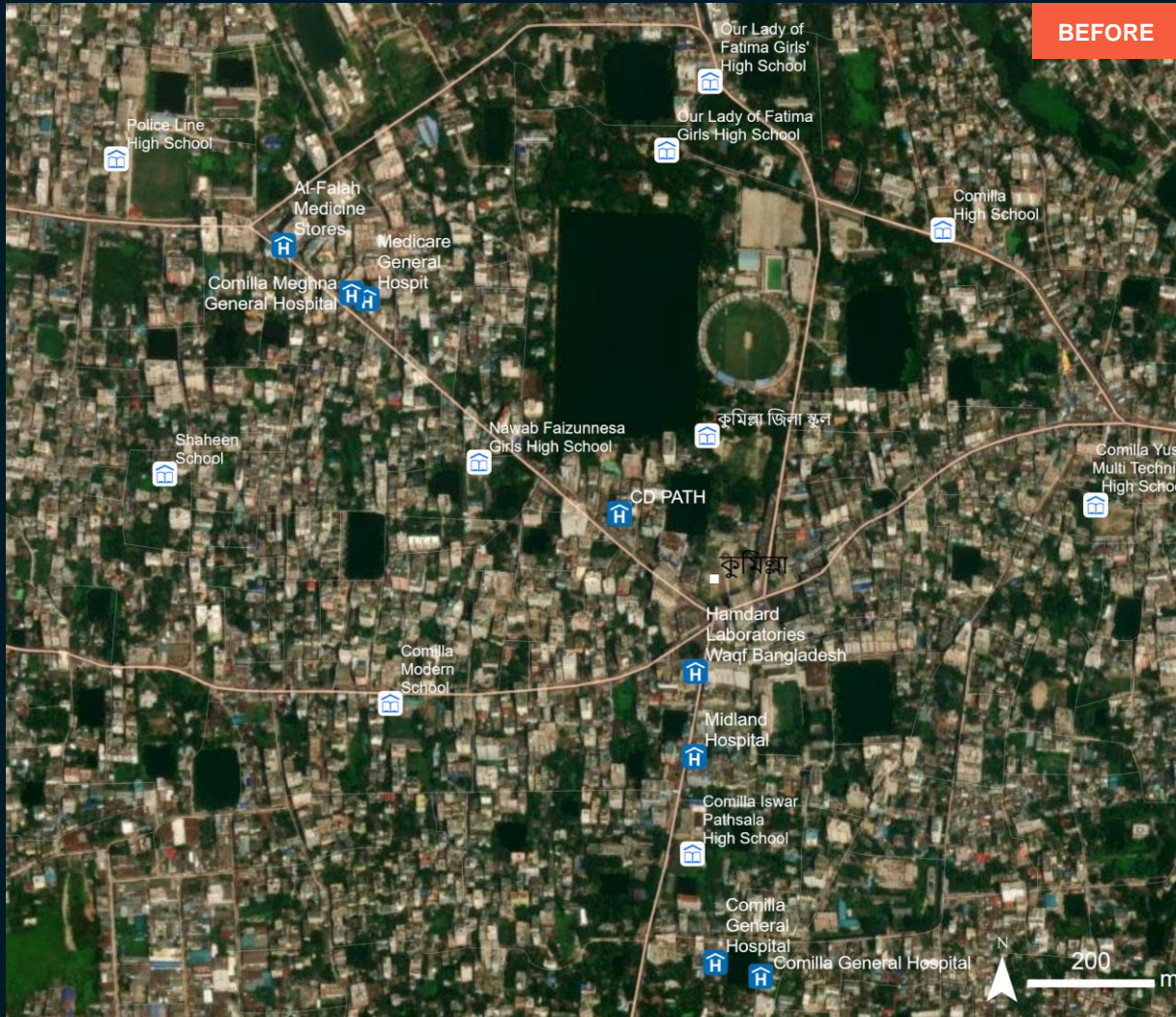


Pleiades / 29 August 2024

AOI3- CUMILLA CITY, CUMILLA DISTRICT, CHATTROGRAM DIVISION

No major flooding evidence in urban zone

Image center:
91°10'45"E
23°27'45"N



GeoEye / 16 October 2023

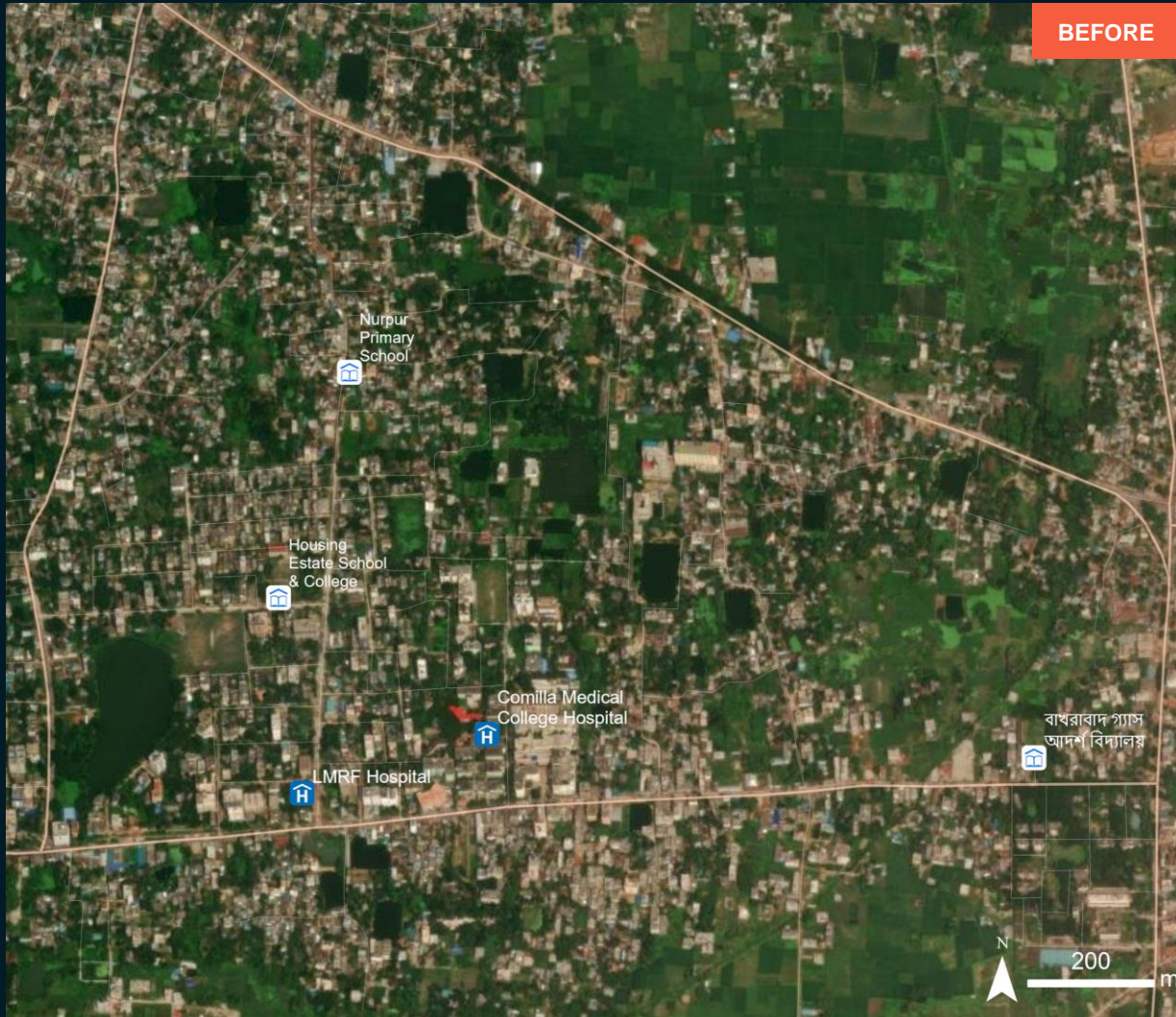


Pleiades / 29 August 2024

AOI4- CUMILLA CITY, CUMILLA DISTRICT, CHATTROGRAM DIVISION

No major flooding evidence in urban zone

Image center:
91°12'14"E
23°27'17"N



GeoEye / 16 October 2023



Pleiades / 29 August 2024

SUMMARY OF FINDINGS

- Inundated structures/houses and croplands have been observed in Northern Cumilla city as of August 29, 2024
- No major floods observed in the urban zone of Cumilla city as of August 29, 2024

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Data sources:

(1) Post image

Satellite Data: Pleiades

Imagery Dates: 29 August 2024 at 04:26 UTC

Resolution : 50cm

Copyright : CNES (2024), distribution Airbus D&S

Source : Airbus D&S

(2) Pre-image

Satellite Data : GEOEYE-1

Imagery Dates: 16 October 2023

Resolution : 50 cm

Copyright: © 2023 Maxar

Source: ESRI Basemap

(3) Ancillary data

Boundary data: Bangladesh Bureau of Statistics (BBS)

Populated place: OpenStreetMap

Waterways: OpenStreetMap

Analysis: United Nations Satellite Centre (UNOSAT)

Production: United Nations Satellite Centre (UNOSAT)

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