


3 September 2024

PRELIMINARY SATELLITE-DERIVED FLOOD IMPACT ASSESSMENT



Maulvibazar City, Maulvibazar District, Sylhet Division, Bangladesh


 Status: Inundated structures and cropland observed

 Further action(s): Continue monitoring

Bangladesh



AOI- Maulvibazar City,
Maulvibazar District

 Area of interest

MAULVIBAZAR CITY, MAULVIBAZAR DISTRICT, SYLHET DIVISION

Inundated structures and cropland observed



Pleiades image acquired on 02 September 2024 at 04:39 UTC
Image center: 91°46'22"E 24°29'49"N

AOI1- MAULVIBAZAR CITY, MAULVIBAZAR DISTRICT, SYLHET DIVISION

Inundated area along the Manu River

Image center:
91°45'20"E
24°29'36"N



WorldView-3 / 02 March 2023



Pleiades / 02 September 2024

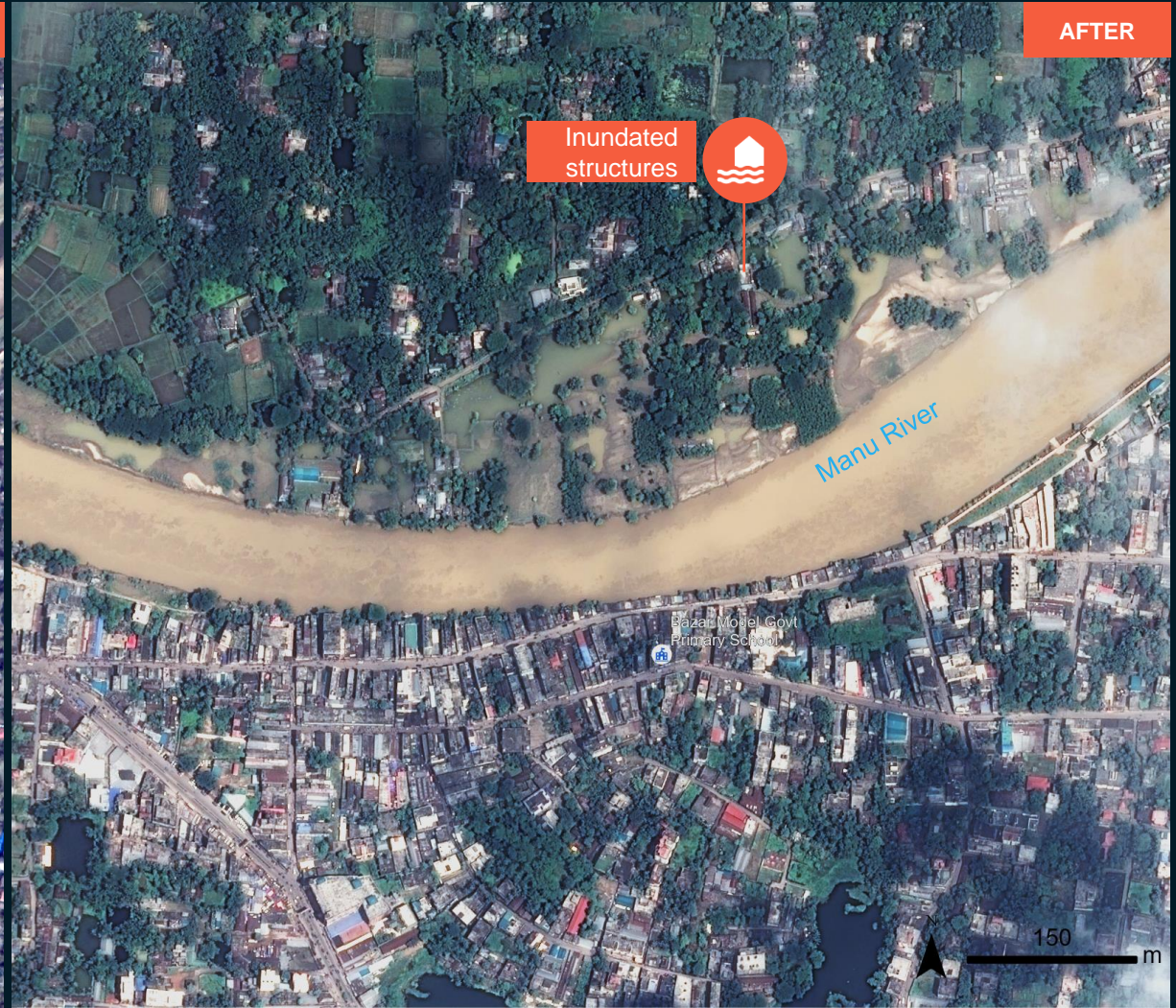
AOI2- MAULVIBAZAR CITY, MAULVIBAZAR DISTRICT, SYLHET DIVISION

Inundated structures along the Manu River

Image center:
91°45'59"E
24°29'27"N



WorldView-3 / 02 March 2023



Pleiades / 02 September 2024

AOI3- MAULVIBAZAR CITY, MAULVIBAZAR DISTRICT, SYLHET DIVISION

Inundated structures along the Manu River

Image center:
91°46'55"E
24°29'49"N



WorldView-3 / 02 March 2023



Pleiades / 02 September 2024

SUMMARY OF FINDINGS

- Inundated structures observed along the Manu River in Maulvibazar City, Maulvibazar District, Sylhet Division, as of 2 September 2024;
- Inundated cropland observed in the surroundings of Maulvibazar City, Maulvibazar District, Sylhet Division, as of 2 September 2024;

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Data sources:

(1) Post image

Satellite Data: Pleiades

Imagery Dates: 02 September 2024 at 04:39 UTC

Resolution : 50cm

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Source : Airbus D&S

(2) Pre-image

Satellite Data : WorldView-3

Imagery Dates: 02 March 2023

Resolution : 30 cm

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Source: USGS

(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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