PRELIMINARY SATELLITE-DERIVED FLOOD IMPACT ASSESSMENT

Sylhet Division, Bangladesh

Status: Widespread flooded structures observed
Further action(s): Continue monitoring

27 June 2024
Area of interest

AOI1
AOI2
AOI3
AOI4

Sunamganj
Maulvibazar
Habiganj
Sylhet

Sylhet Division
AOI 1-1: SUNAMGANJ CITY, SUNAMGANJ DISTRICT, SYLHET DIVISION

Flooded structures and inundated agricultural area

WorldView-3 / 14 March 2023

Pleiades / 26 June 2024
AOI 1-2 : SUNAMGANJ CITY, SUNAMGANJ DISTRICT, SYLHET DIVISION

Flooded structures and inundated agricultural area

WorldView-3 / 14 March 2023

Pleiades / 26 June 2024
AOI 2: CHHATAK CITY, SUNAMGANJ DISTRICT, SYLHET DIVISION

Flooded structures and inundated agricultural area

Pleiades image acquired on 26 June 2024 at 05:01 UTC
Image center: 91°39'51"E 25°2'11"N
AOI 2-1: CHHATAK CITY, SUNAMGANJ DISTRICT, SYLHET DIVISION

Flooded structures and inundated agricultural area

WorldView-3 / 22 April 2023

Pleiades / 26 June 2024
AOI 3: SYLHET CITY, SYLHET DISTRICT, SYLHET DIVISION

Flooding observed along the Surma river.

Pleiades image acquired on 26 June 2024 at 05:01 UTC

Image center: 91°53'43"E 24°52'57"N
AOI 3-1: Sylhet City, Sylhet District, Sylhet Division

Flooded structures observed south of Sylhet City

GeoEye-1 / 30 October 2023

Pleiades / 26 June 2024
AOI 4: KANAIGHAT CITY, SYLHET DISTRICT, SYLHET DIVISION

Flooded structures and inundated agricultural area

Pleiades image acquired on 26 June 2024 at 05:01 UTC
Image center: 92°14'05"E 24°58'01"N
No major flood observed in Kanaighat City.
AOI 4-2: KANAIGHAT CITY, SYLHET DISTRICT, SYLHET DIVISION

Inundated agricultural area

WorldView-3 / 9 January 2023

Image center:
92°13'41"E
24°55'30"N

Pleiades / 26 June 2024

Inundated agricultural area

Flooded structures

Inundated agricultural area
Widespread inundated agricultural areas observed in Sunamganj and Sylhet Districts, Sylhet Division as of 26 June 2024;

Flooded houses, flooded roads observed in several cities in Sunamganj and Sylhet Districts, Sylhet Division as of 26 June 2024.
COPYRIGHTS & SOURCES

Data sources:

(1) Satellite Data (Post-event): Pleiades
   Imagery Dates: 26 June 2024
   Resolution: 50 cm
   Copyright: Includes Pleiades material © CNES (2024),
   Distribution Airbus DS,
   Source: Airbus Defence and Space

(2) Satellite Data (Pre-event): GeoEye-1
   Imagery Date: 30 October 2023
   Resolution: 50 cm
   Copyright: © 2023 Maxar
   Source: ESRI Basemap

(3) Satellite Data (Pre-event): WorldView-3
   Imagery Date: 9 January 2023, 22 April 2023 and 14 March
   2023
   Resolution: 50 cm
   Copyright: © 2023 Maxar
   Source: USGS

(4) Ancillary data

   Boundary data: Bangladesh Bureau of Statistics (BBS) contributed to OCHA
   Regional Office for Asia and the Pacific (ROAP), HDX
   Populated place: OpenStreetMap

   Analysis: United Nations Satellite Centre (UNOSAT)
   Production: United Nations Satellite Centre (UNOSAT)

The boundaries and names shown, and the designations used on this map do not imply official endorsement or acceptance by the United Nations.
The United Nations Satellite Centre - UNOSAT is not responsible for the misuse or misrepresentation of the map.