


17 May 2023

PRELIMINARY SATELLITE-DERIVED DAMAGE ASSESSMENT

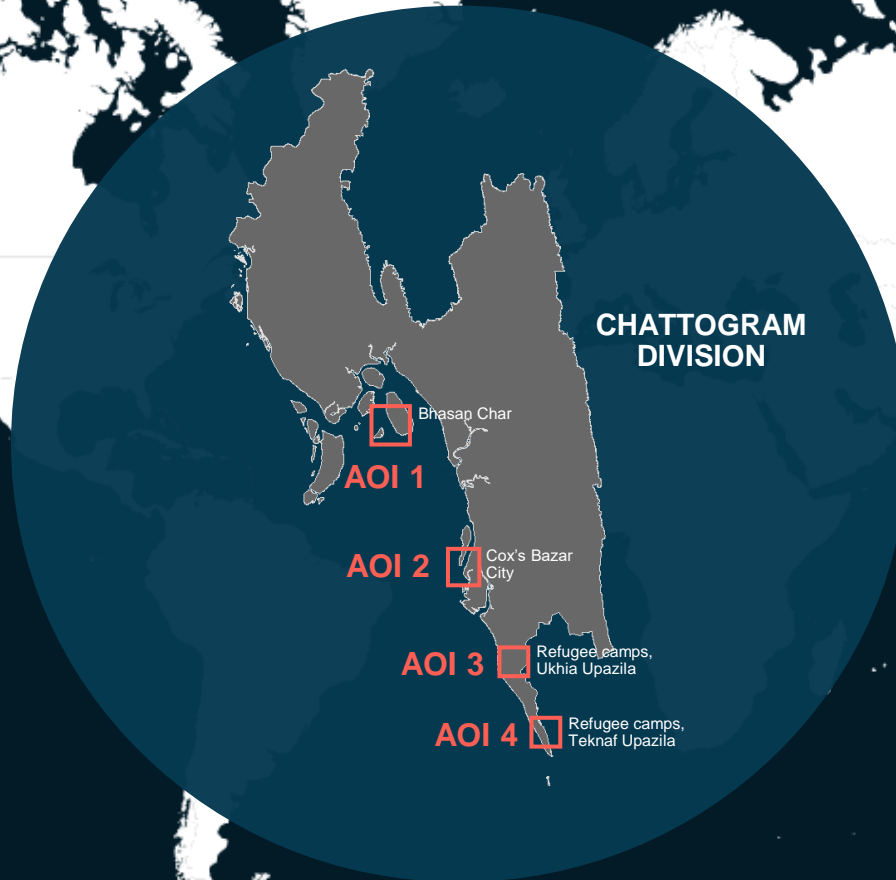


Cox's Bazar and Chattogram Districts, Chattogram Division, Bangladesh

 Status: Inundated agriculture area observed

 Further action(s): completed

BANGLADESH



AOI 1 : BHASAN CHAR, CHATTOGRAM DISTRICT, CHATTOGRAM DIVISION

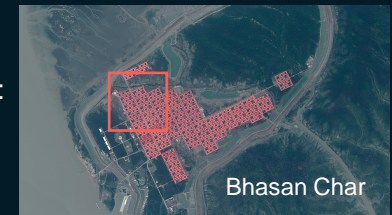
No major visible floods or damage



AOI 1-1 : BHASAN CHAR, CHATTOGRAM DISTRICT

No major visible floods or damage

Image center:
91°22'20"E
22°22'16"N



ESRI Based map / WorldView-2 / 2 March 2022

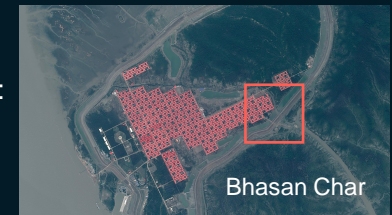


Pléiades / 16 May 2023

AOI 1-2 : BHASAN CHAR, CHATTOGRAM DISTRICT

No major visible floods or damage

Image center:
91°23'28"E
22°22'11"N



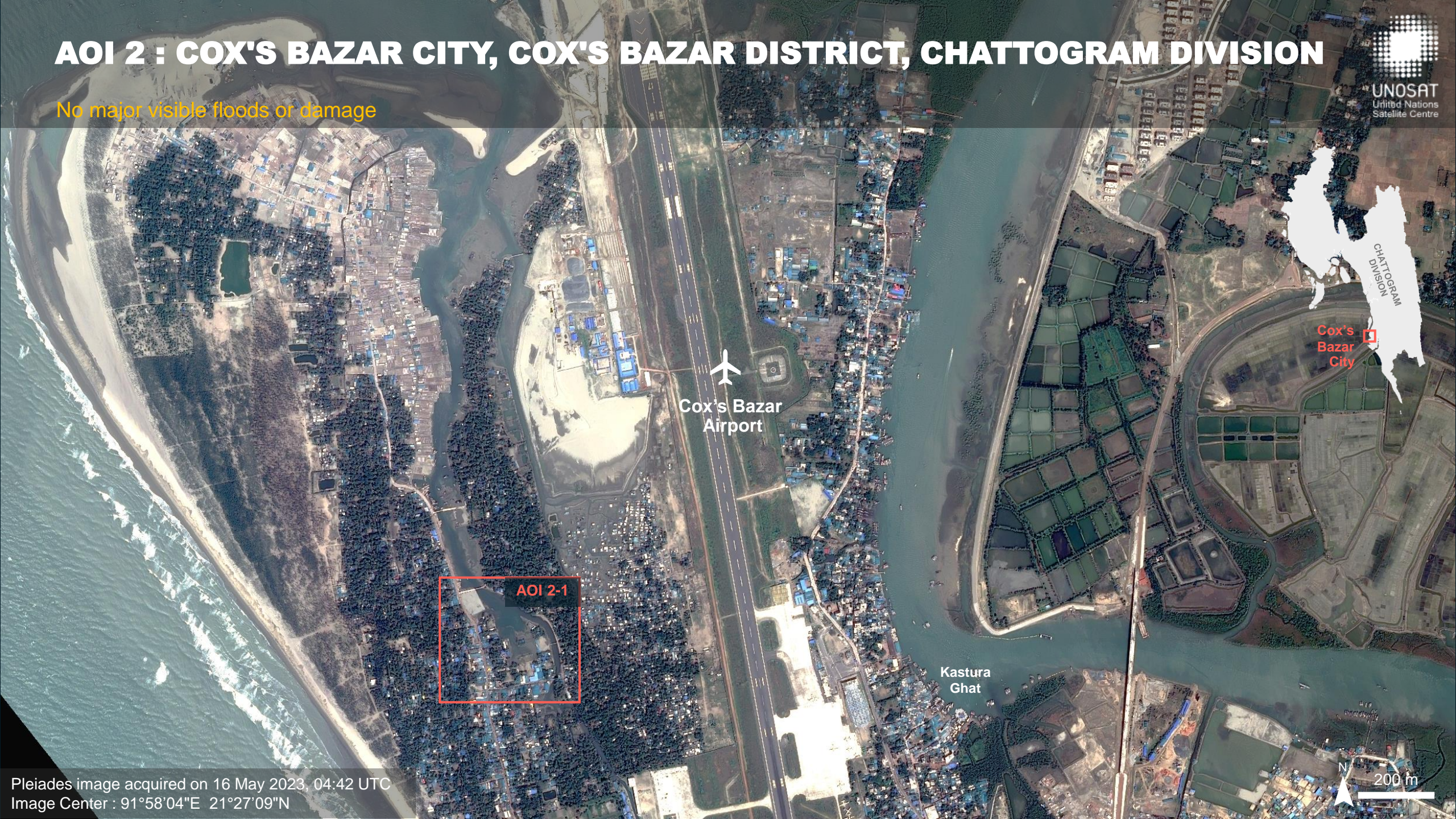
ESRI Based map / WorldView-2 / 2 March 2022



Pléiades / 16 May 2023

AOI 2 : COX'S BAZAR CITY, COX'S BAZAR DISTRICT, CHATTOGRAM DIVISION

No major visible floods or damage



Cox's Bazar
Airport

AOI 2-1

Kastura
Ghat

Cox's
Bazar
City

CHATTOGRAM
DIVISION



AOI 2-1 : COX'S BAZAR CITY, CHATTOGRAM DISTRICT

No major visible floods or damage

Image center:
91°57'28"E
21°27'08"N



ESRI Based map / WorldView-2 / 8 October 2022



Pléiades / 16 May 2023

AOI 3 : REFUGEE CAMP, UKHIA UPAZILA, COX'S BAZAR DISTRICT

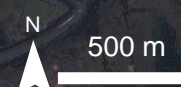
Flood waters observed in agricultural area at the southeastern part of the camp



CHITTOGRAM
DIVISION

AOI

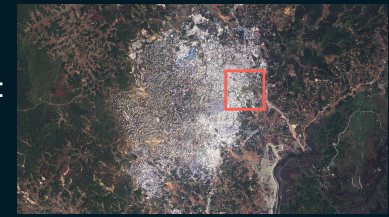
Inundated
agriculture
area



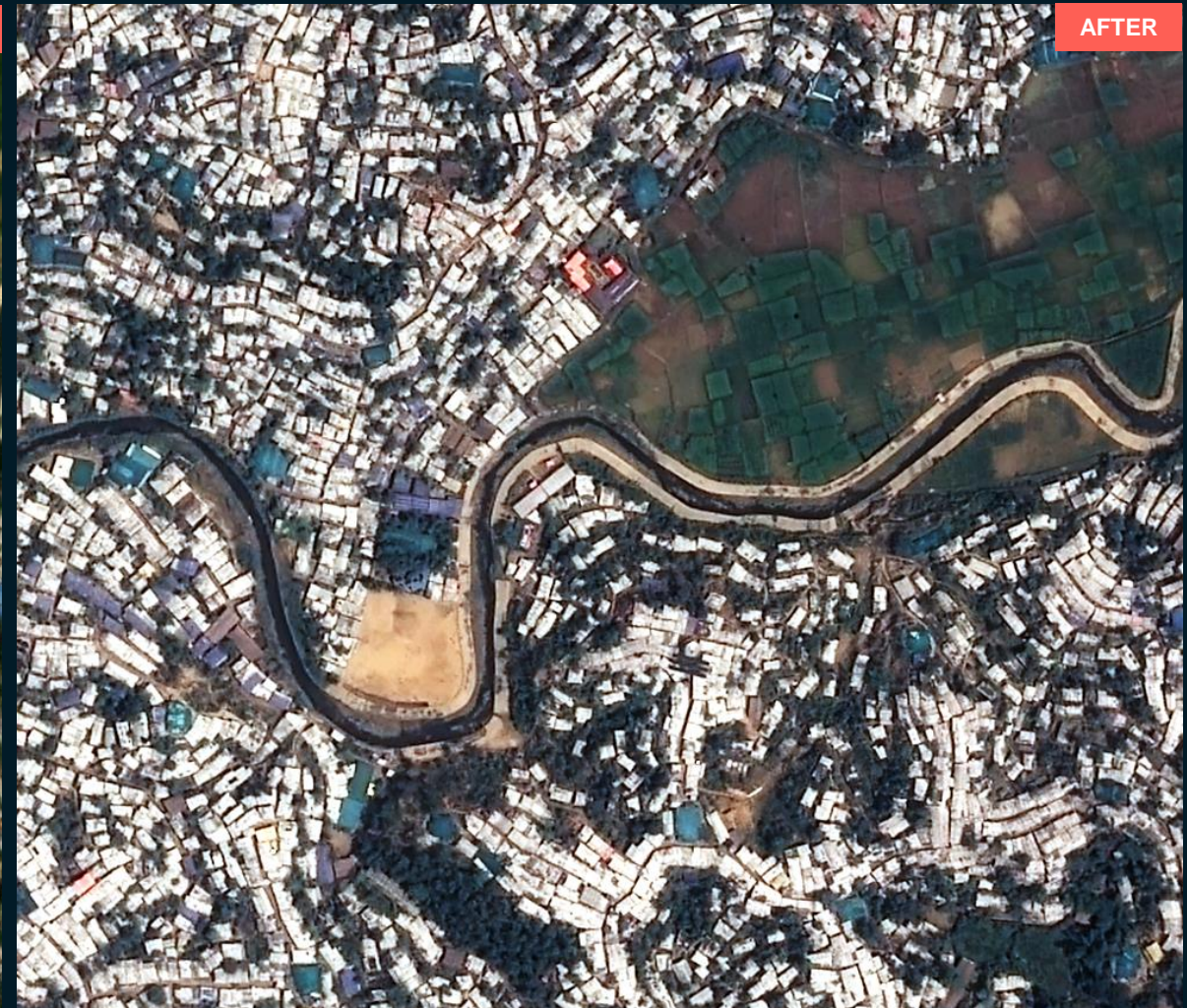
AOI 3-1 : REFUGEE CAMP, UKHIA UPAZILA, COX'S BAZAR DISTRICT

No major visible floods or damage

Image center:
92°09'49"E
21°11'59"N



ESRI Based map / GeoEye-1 / 19 February 2022

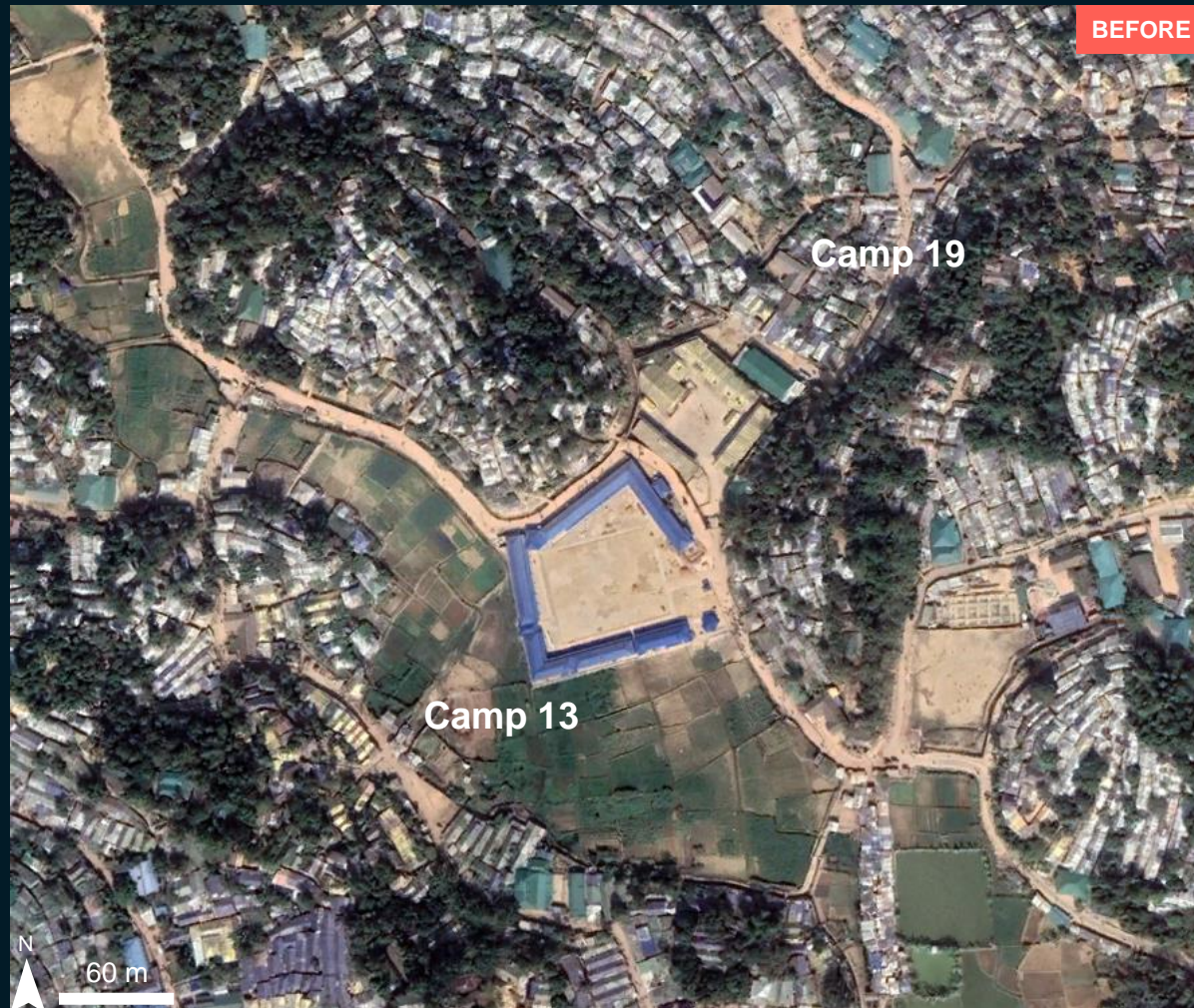


Pléiades / 16 May 2023

AOI 3-2 : REFUGEE CAMP, UKHIA UPAZILA, COX'S BAZAR DISTRICT

No major visible floods or damage

Image center:
92°08'34"E
21°10'51"N



ESRI Based map / GeoEye-1 / 19 February 2022



Pléiades / 16 May 2023

AOI 4-1 : REFUGEE CAMP, TEKNAF UPAZILA, COX'S BAZAR DISTRICT

No major visible floods or damage

Image center:
92°14'42"E
20°58'33"N



ESRI Based map / WorldView-2 / 13 March 2022

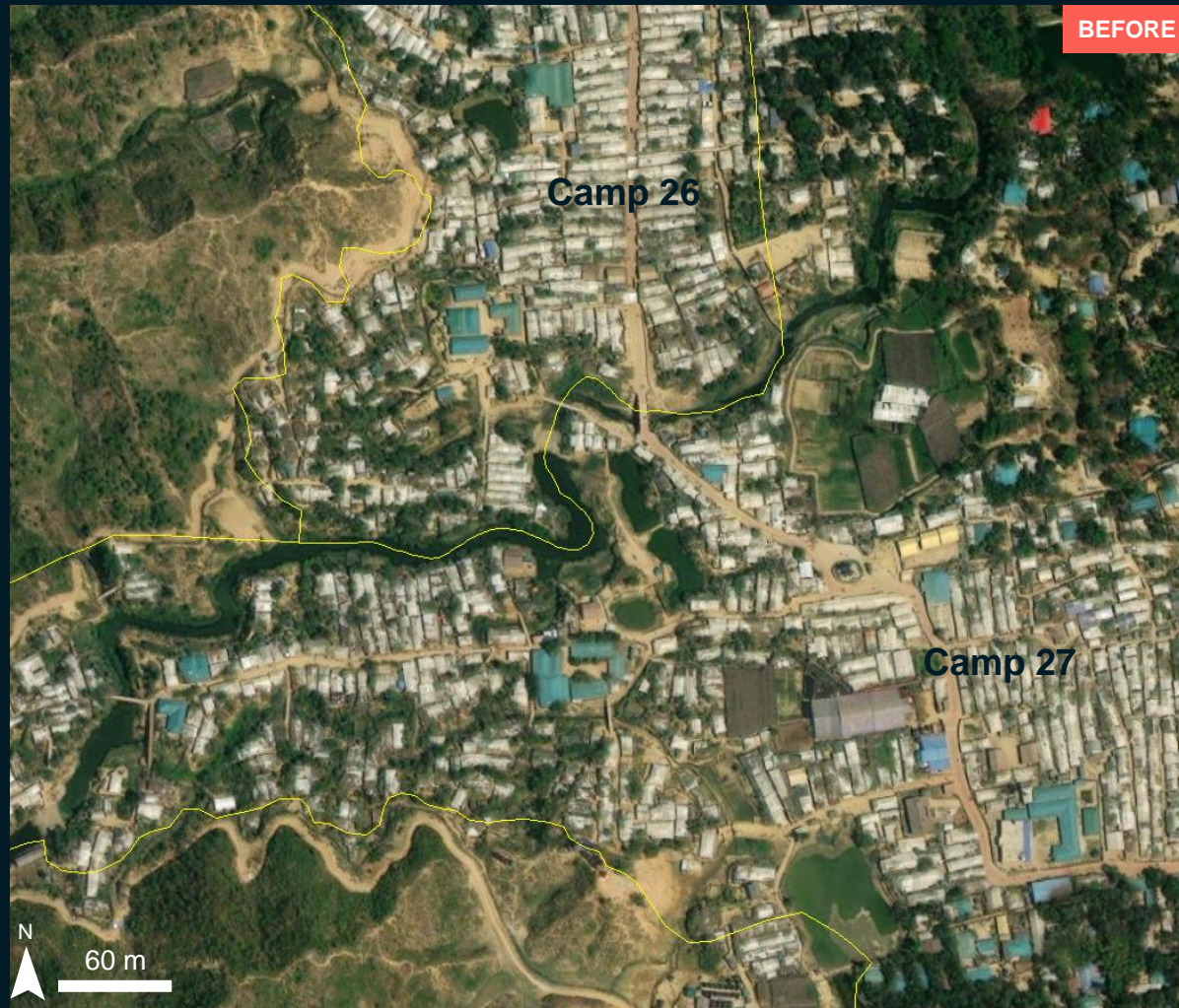


Pléiades / 16 May 2023

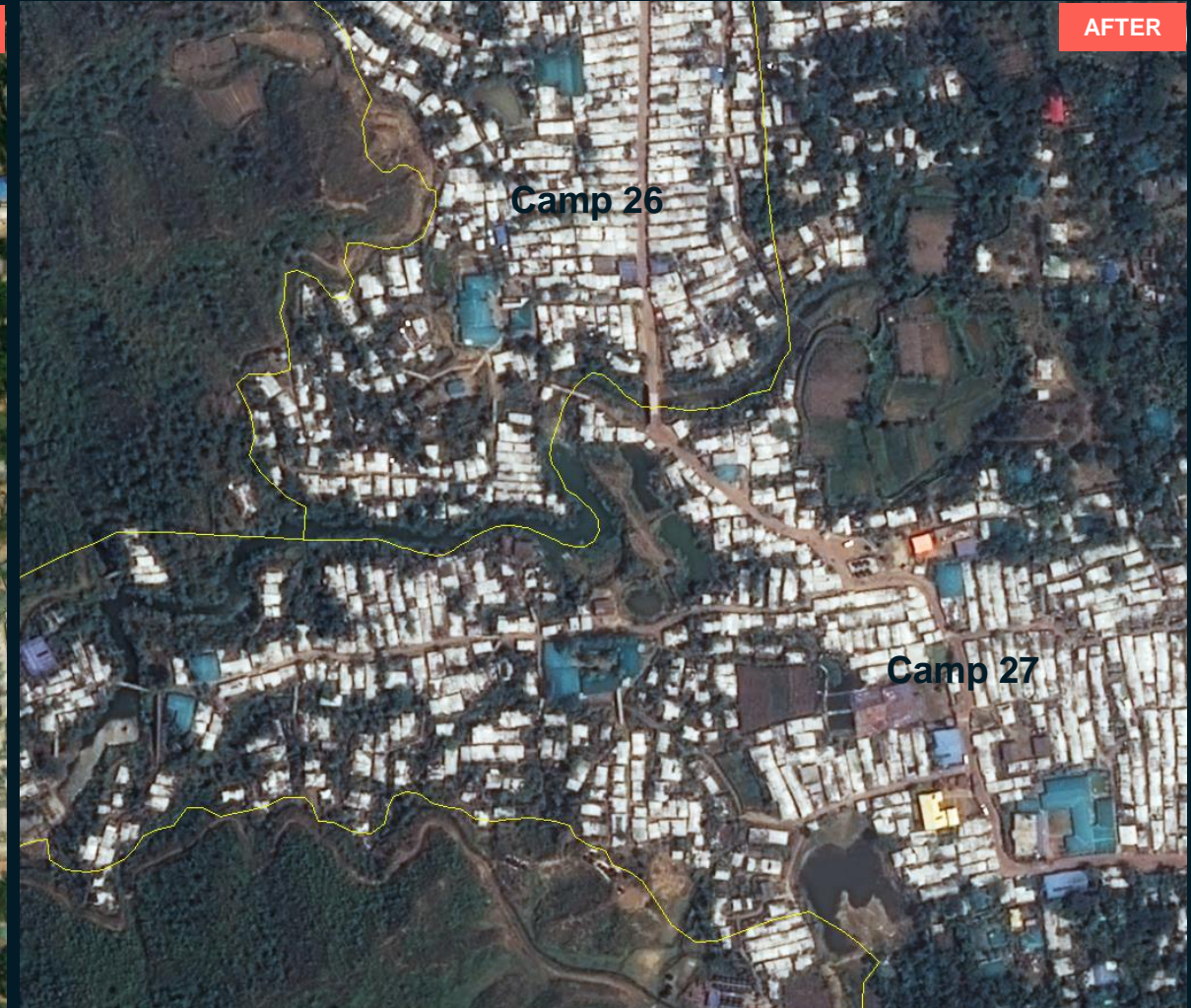
AOI 4-2 : REFUGEE CAMP, TEKNAF UPAZILA, COX'S BAZAR DISTRICT

No major visible floods or damage

Image center:
92°15'18"E
20°56'33"N



ESRI Based map / WorldView-2 / 13 March 2022



Pléiades / 16 May 2023

SUMMARY OF FINDINGS

- No major visible flood and no major damage to structures could be observed in Bhasan Char Island as of 16 May 2023;
- No major visible flood and no major damage to structures could be observed in Cox's Bazar City as of 16 May 2023;
- Flood water observed in agriculture area in the southeastern part of the camps in Ukhia Upazila, Cox's Bazar District as of 16 May 2023.
- No major visible flood and no major damage to structures observed in the refugee camps in Ukhia Upazila, Cox's Bazar District as of 16 May 2023;
- No major visible flood and no major damage to structures observed in the Refugee camps in Teknaf Upazila, Cox's Bazar District as of 16 May 2023.

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Data sources:

(1) Satellite Image (Post-event): Pleiades

Acquisition date : 16 May 2023

Resolution: 50 cm

Copyright: Includes material © CNES (2023), Distribution Airbus D&S

Source: CNES

(2) Satellite Image (Pre-event): ESRI Based map

(3) Ancillary data

Administrative boundaries: Bangladesh Bureau of Statistics (BBS)

Outline of camps of Rohingya refugees in Cox's Bazar : Inter Sector
Coordination Group (ISCG)

Analysis: United Nations Satellite Centre (UNOSAT)

Production: United Nations Satellite Centre (UNOSAT)

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