12 NOVEMBER 2019

PRELIMINARY SATELLITE-DERIVED FLOOD ASSESSMENT IN BHASHAN CHAR ISLAND, CHITTAGONG DIVISION, PEOPLE’S REPUBLIC OF BANGLADESH

STATUS: NO MAJOR SATELLITE-DETECTED WATERS IDENTIFIED IN THE ISLAND

FURTHER ACTION(S): CONTINUE MONITORING
OVERVIEW / BASED ON AOIs ASSESSED

Date of assessment validity: 12 November 2019

Impact and severity*:
- undetected
- limited impact potentially detected
- significant impact potentially detected

Potentially affected elements at risk (indicate all that are applicable):
- buildings - residential
- vulnerable structures (e.g. schools, hospitals, water, sanitation, power stations, etc.)
- internally displaced persons (IDP) camps
- transportation network
- agriculture
- other: 

Data sources:
(1) pre-event (reference) image:
GeoEye-1, 19 April 2019 04:27 UTC
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(2) post-event images:
Pléiades, 12 November 2019 06:47 UTC
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(3) baseline data
- administrative boundaries: HDX (2019)

* disclaimer (i.e. assessment has yet to be validated with field-based information)
AOI 1 / BHASHAN CHAR ISLAND, CHITTAGONG DIVISION, PEOPLE’S REPUBLIC OF BANGLADESH / NO MAJOR FLOODS DETECTED

No major flood waters in Bhashan Char Island (Charter Call ID 724 - AOI1) as of 12 November 2019

Potentially affected elements at risk (indicate all that are applicable):

- buildings - residential
- buildings - commercial/industry
- vulnerable structures (e.g. schools, hospitals, water, sanitation, power stations, etc.)
- internally displaced persons (IDP) camps
- transportation network
- agriculture
- other: [ ]
AOI 1 / BHASHAN CHAR ISLAND, CHITTAGONG DIVISION, PEOPLE’S REPUBLIC OF BANGLADESH / NO MAJOR FLOODS DETECTED
AOI 1 / BHASHAN CHAR ISLAND, CHITTAGONG DIVISION, PEOPLE’S REPUBLIC OF BANGLADESH / NO MAJOR FLOODS DETECTED

GEOEYE-1 19 APRIL 2019 04:27 AM UTC

PLEIADES 12 NOVEMBER 2019 06:47 AM UTC
SUMMARY OF PRELIMINARY OBSERVATIONS AND FURTHER ACTIONS

Date of assessment validity: 12 November 2019

Preliminary observations, impact and severity *

• AOI 1: No major satellite-detected flood waters in the settlement of Bhashan Char Island as of 12 November 2019

Further/anticipated actions from UNOSAT:

- no impact detected/discontinue monitoring over specific AOI
- potential impact detected ✔ continue monitoring over specific AOIs
  ✔ full assessment to be conducted
- more data and/or information needed to confirm impact severity

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