



29 APRIL 2020

PRELIMINARY SATELLITE-DERIVED FLOOD ASSESSMENT IN BELETWEYNE TOWN, SOMALIA

STATUS: FLOOD WITHIN THE TOWN DETECTED

FURTHER ACTION(S): CONTINUE MONITORING



OVERVIEW / BASED ON AOIs ASSESSED

Date of assessment validity:

Impact and severity*:

- undetected
- limited impact potentially detected
- significant impact potentially detected

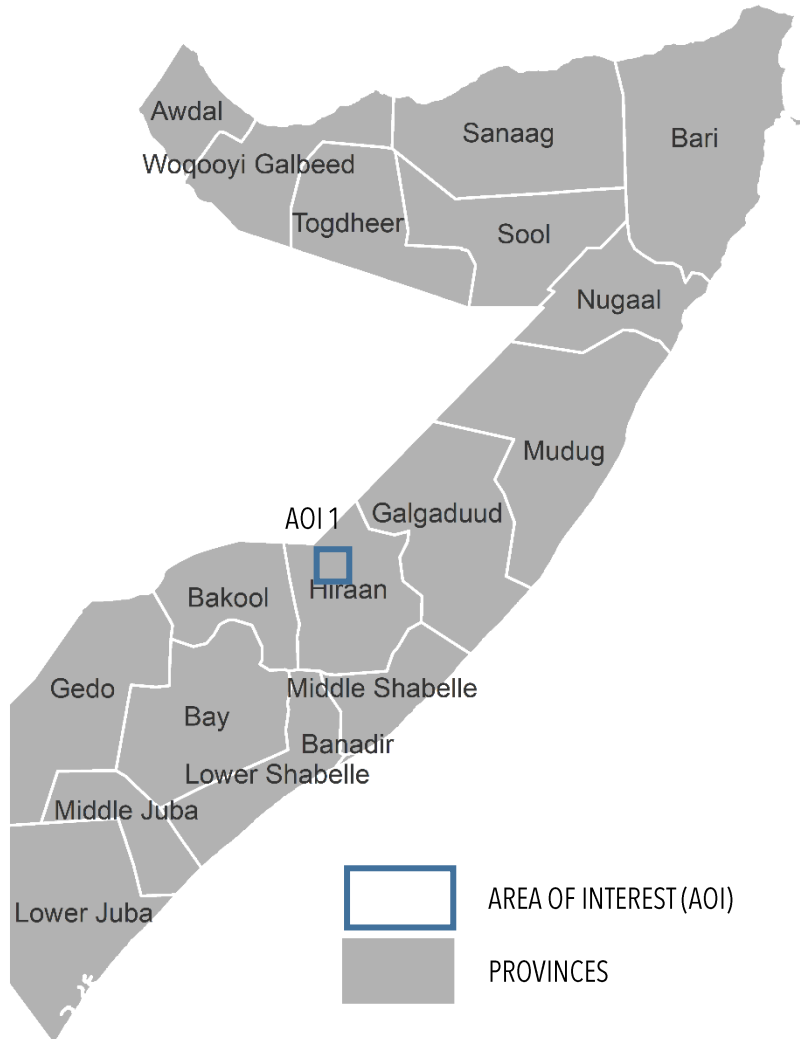
Data sources:

- (1) pre-event (reference) image: Bing (2020)
- (2) post-event images: Pleiades, 29 April 2020, CNES (2020), distribution Airbus D&S
- (3) baseline data

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:

- administrative boundaries: OCHA



* disclaimer (i.e. assessment has yet to be validated with field-based information)

AOI 1 HEEGAN NEIGHBORHOOD, BELET WEYNE DISTRICT, HIRAAN REGION, SOMALIA / POTENTIAL FLOODS DETECTED

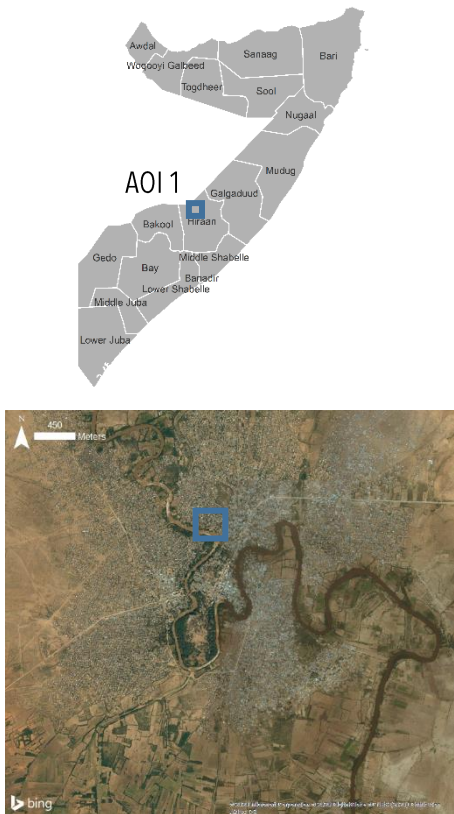


BING Base Map (pre-event)



PLEIADES 29 APRIL 2020

AOI 1 RADAR NEIGHBORHOOD, BELET WEYNE DISTRICT, HIRAAN REGION, SOMALIA / POTENTIAL FLOODS DETECTED



BING Base Map (pre-event)



PLEIADES 29 APRIL 2020

AOI 1 BUNDAWEYN NEIGHBORHOOD, BELET WEYNE DISTRICT, HIRAAN REGION, SOMALIA / POTENTIAL FLOODS DETECTED



BING Base Map (pre-event)



PLEIADES 29 APRIL 2020

AOI 1 BUNDAWEYN NEIGHBORHOOD, BELET WEYNE DISTRICT, HIRAAN REGION, SOMALIA / POTENTIAL FLOODS DETECTED



BING Base Map



PLEIADES 29 APRIL 2020

SUMMARY OF PRELIMINARY OBSERVATIONS AND FURTHER ACTIONS

Date of assessment validity: 29 April 2020

Preliminary observations, impact and severity *:

- Flood waters detected in some streets of Beletweyne close to the Shabelle river as of 29 April 2020;
- Buildings might be affected by flood waters as of 29 April 2020;
- Flood waters detected in agricultural field south of Beletweyne Town as of 29 April 2020.

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
- 1

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