



12 MAY 2020

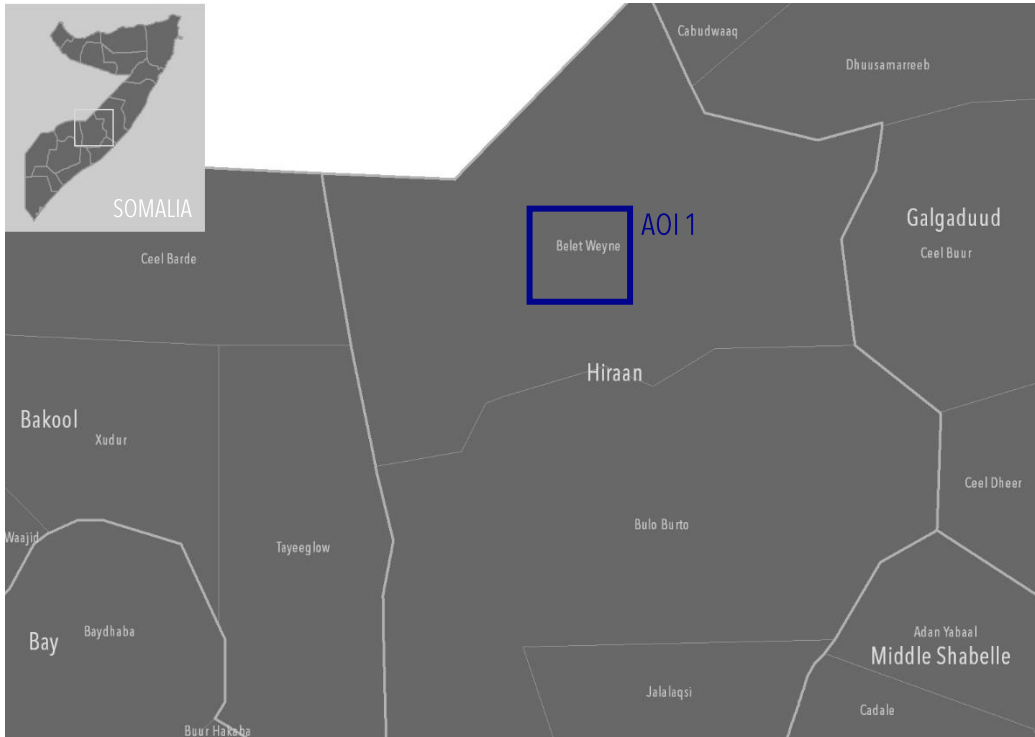
PRELIMINARY SATELLITE-DERIVED DAMAGE ASSESSMENT BELETWEYNE DISTRICT, HIRAAN REGION, SOMALIA

STATUS: FLOOD WATER DETECTED

FURTHER ACTION(S): CONTINUE MONITORING



OVERVIEW / BASED ON AOIs ASSESSED



 AREA OF INTEREST (AOI)
 REGION

Date of assessment validity:

Impact and severity*:

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

Data sources:

- (1) pre-event (reference) image:
 - ESRI Base map
- (2) post-event images:
 - WorldView-2, 10 May 2020 [2020 Digital Globe]
 - Kanopus-V5, 11 May 2020 [© NTs OMZ, All Rights Reserved]

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,
- internally displaced persons (IDP) camps
- transportation network
- agriculture
- other:

- (3) baseline data
 - Administrative boundaries: UNDP
 - Water way : OSM

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

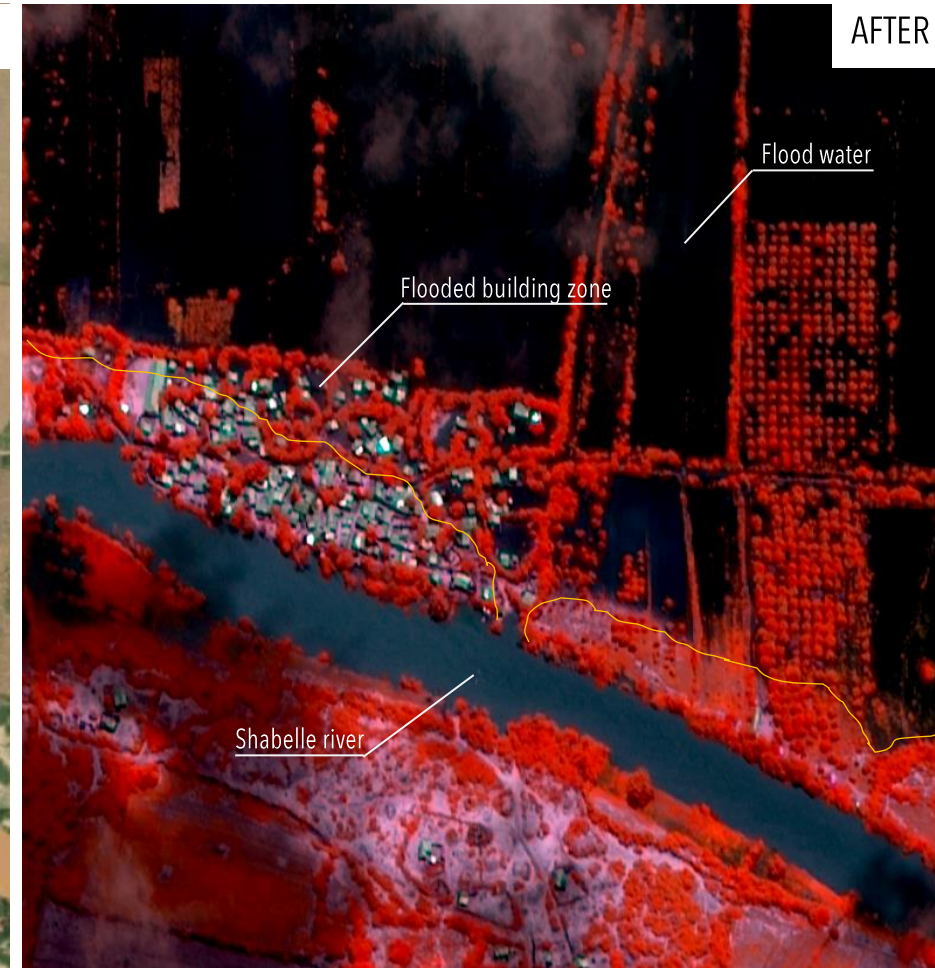
AOI 1 BELETWEYNE DISTRICT, HIRAAN REGION, SOMALIA : FLOOD WATER DETECTED



Image Center :
45°11'49.294"E
04°47'46.45"N



ESRI Base Map



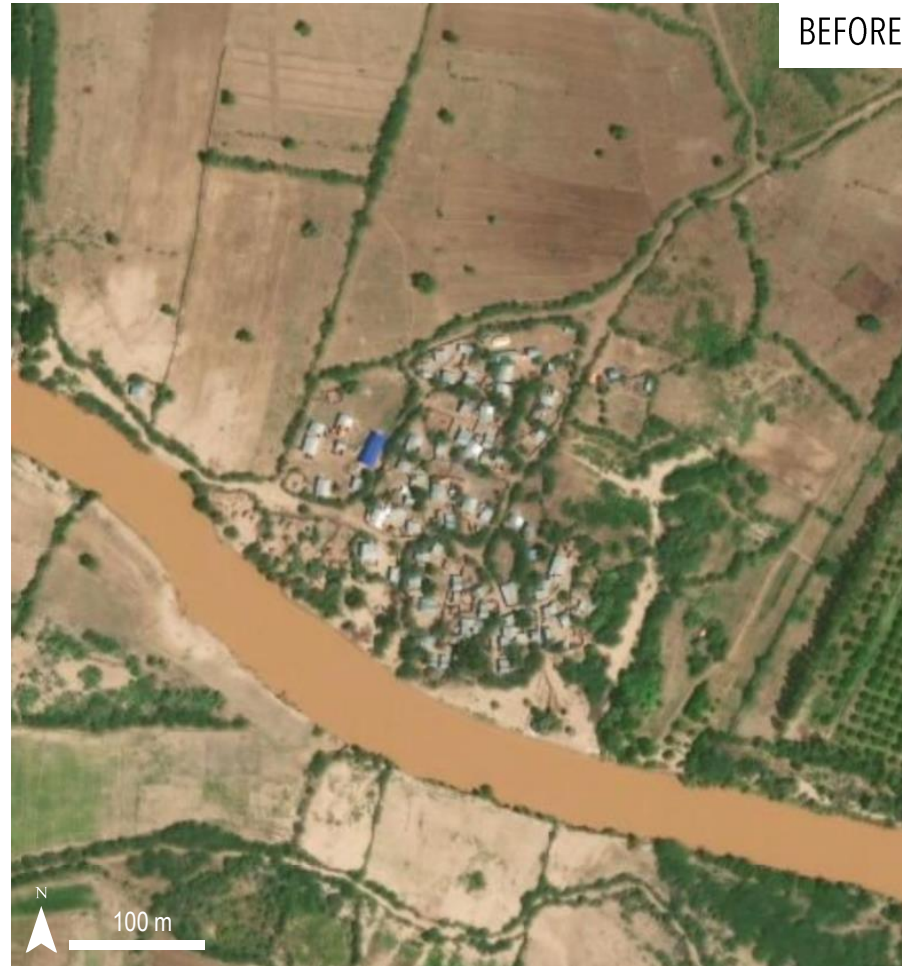
WorldView-2/ 10 MAY 2020

— Flood way boundary

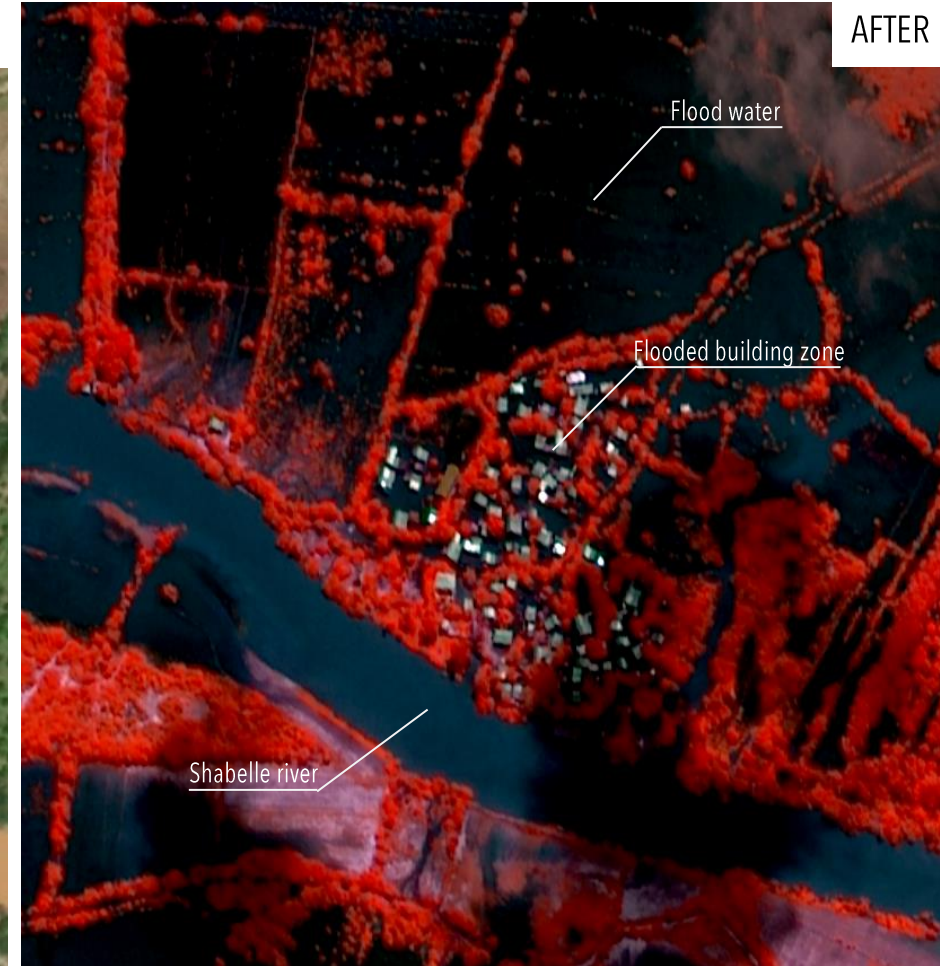
AOI 1 BELETWEYNE DISTRICT, HIRAAN REGION, SOMALIA : FLOOD WATER DETECTED



Image Center :
45°12'30.416"E
04°47'40.091"N



ESRI Base Map

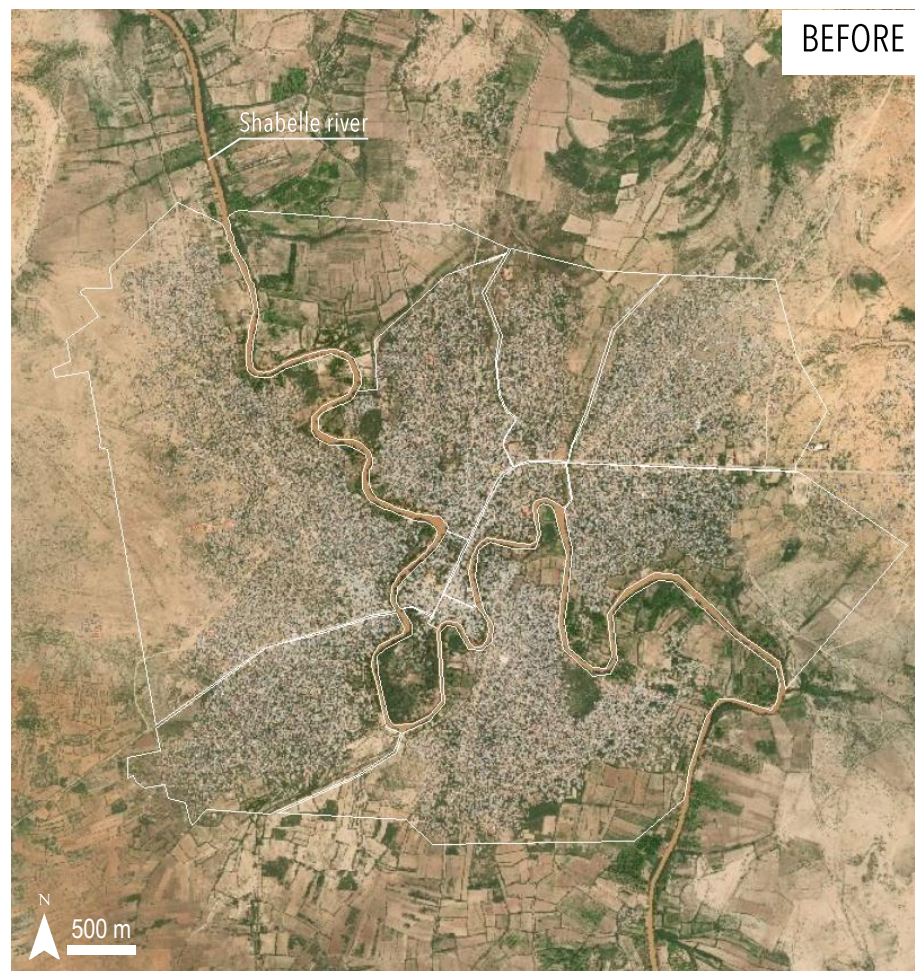


WorldView-2/ 10 MAY 2020

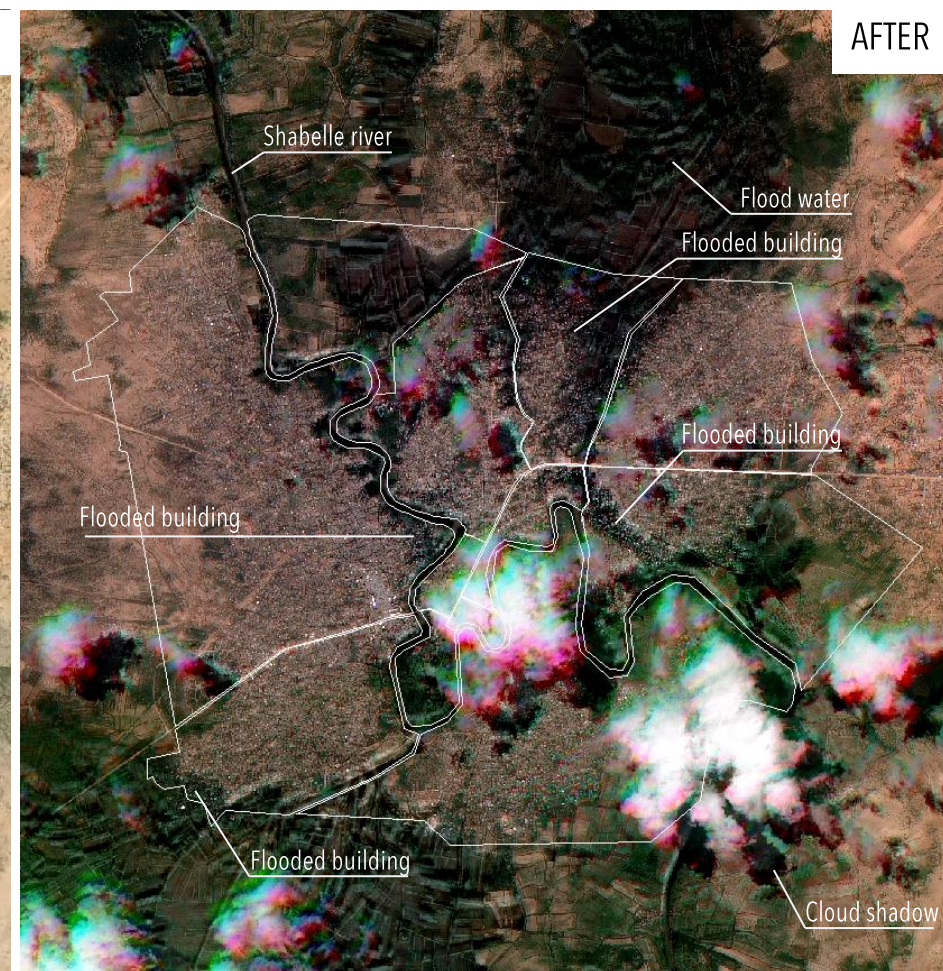
AOI 1 BELETWEYNE DISTRICT, HIRAAN REGION, SOMALIA : FLOOD WATER DETECTED



Image Center :
45°12'18.315"E
04°44'21.645"N



ESRI Base Map



Kanopus-V5 / 11 MAY 2020

AOI 1 BELETWEYNE DISTRICT, HIRAAN REGION, SOMALIA : FLOOD WATER DETECTED

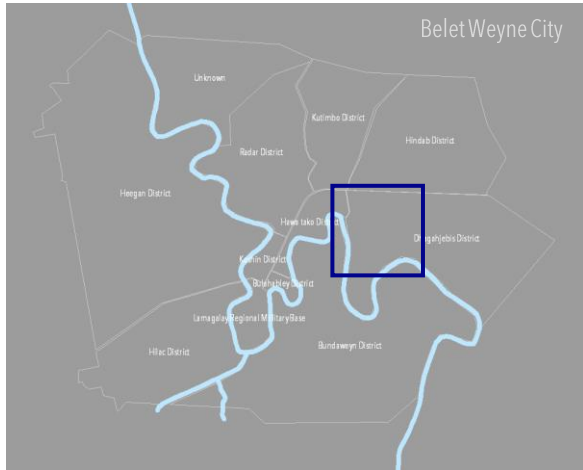
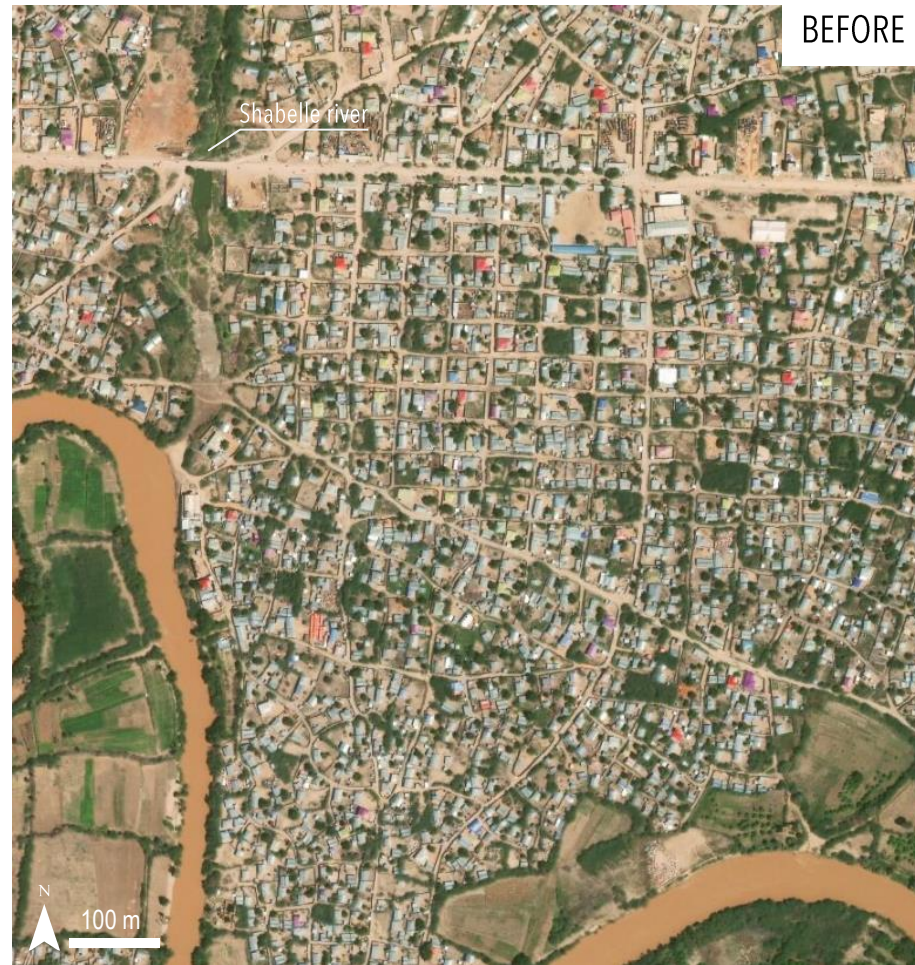


Image Center :
45°12'53.271"E
04°44'25.934"N



ESRI Base Map



WorldView-2 / 10 MAY 2020

— Flood way boundary

AOI 1 BELETWEYNE DISTRICT, HIRAAN REGION, SOMALIA : FLOOD WATER DETECTED

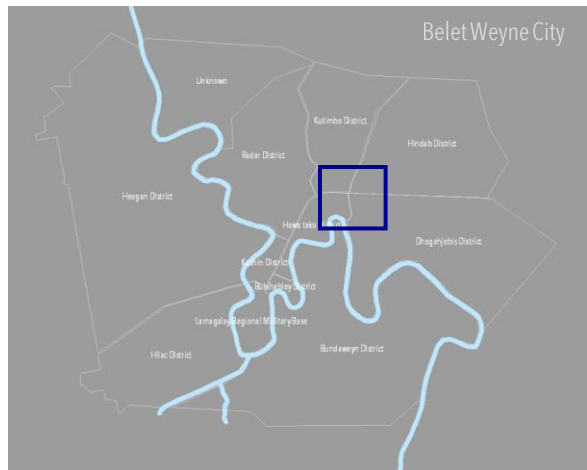


Image Center :
45°12'42.255"E
04°44'38.828"N



ESRI Base Map

BEFORE



WorldView-2 / 10 MAY 2020

— Flood way boundary

AFTER

AOI 1 BELETWEYNE DISTRICT, HIRAAN REGION, SOMALIA : FLOOD WATER DETECTED

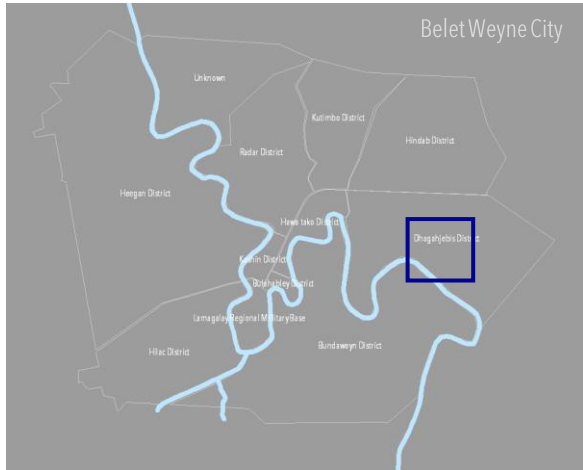
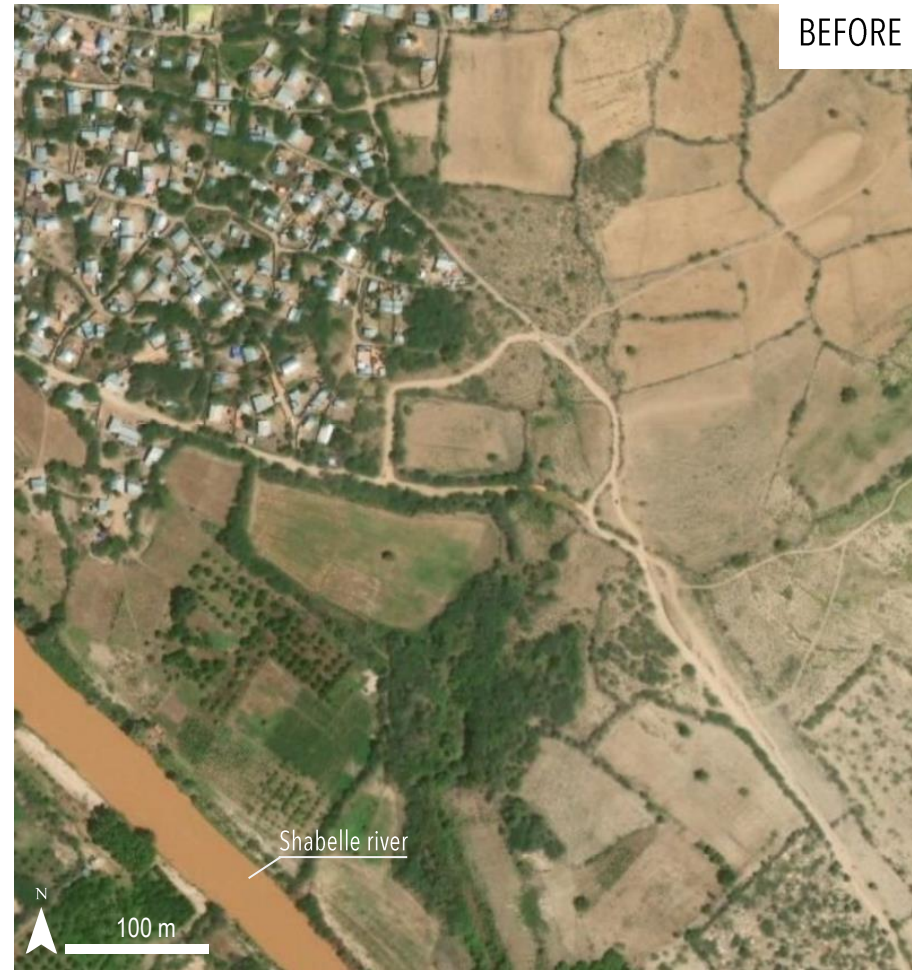
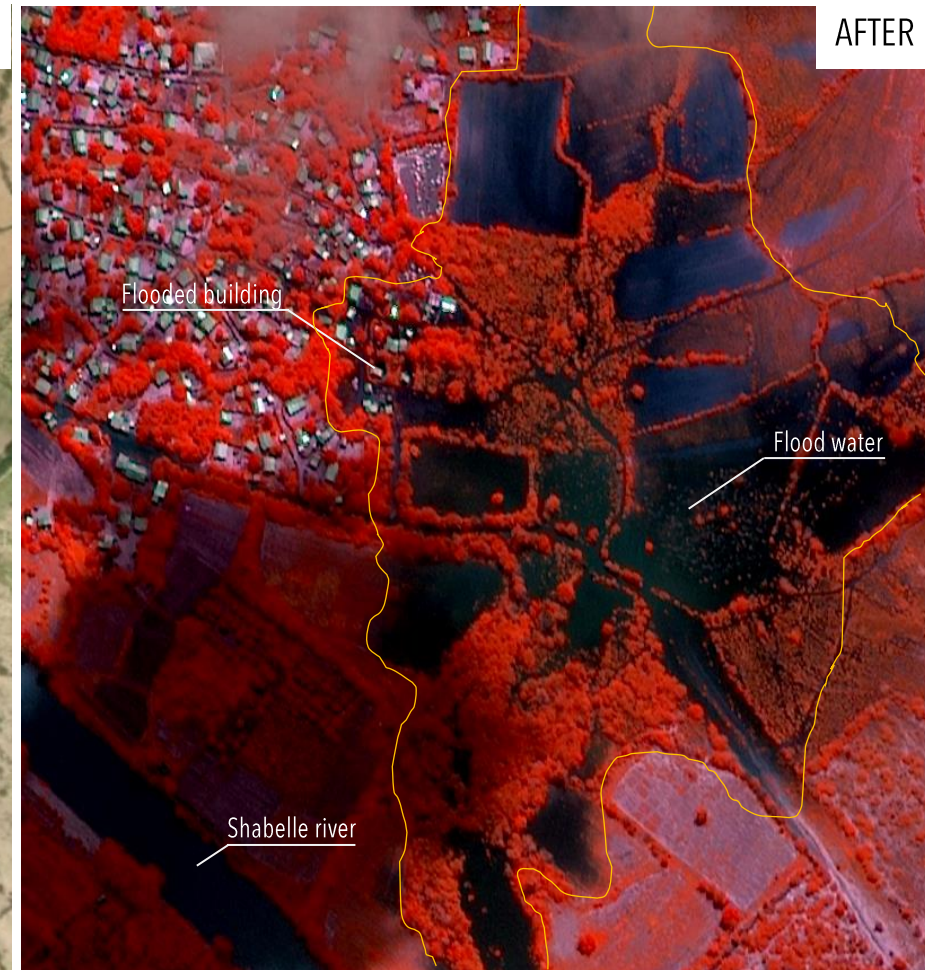


Image Center :
45°13'21.671"E
04°44'15.41"N



ESRI Base Map



WorldView-2 / 10 MAY 2020

— Flood way boundary

AOI 1 BELETWEYNE DISTRICT, HIRAAN REGION, SOMALIA : FLOOD WATER DETECTED

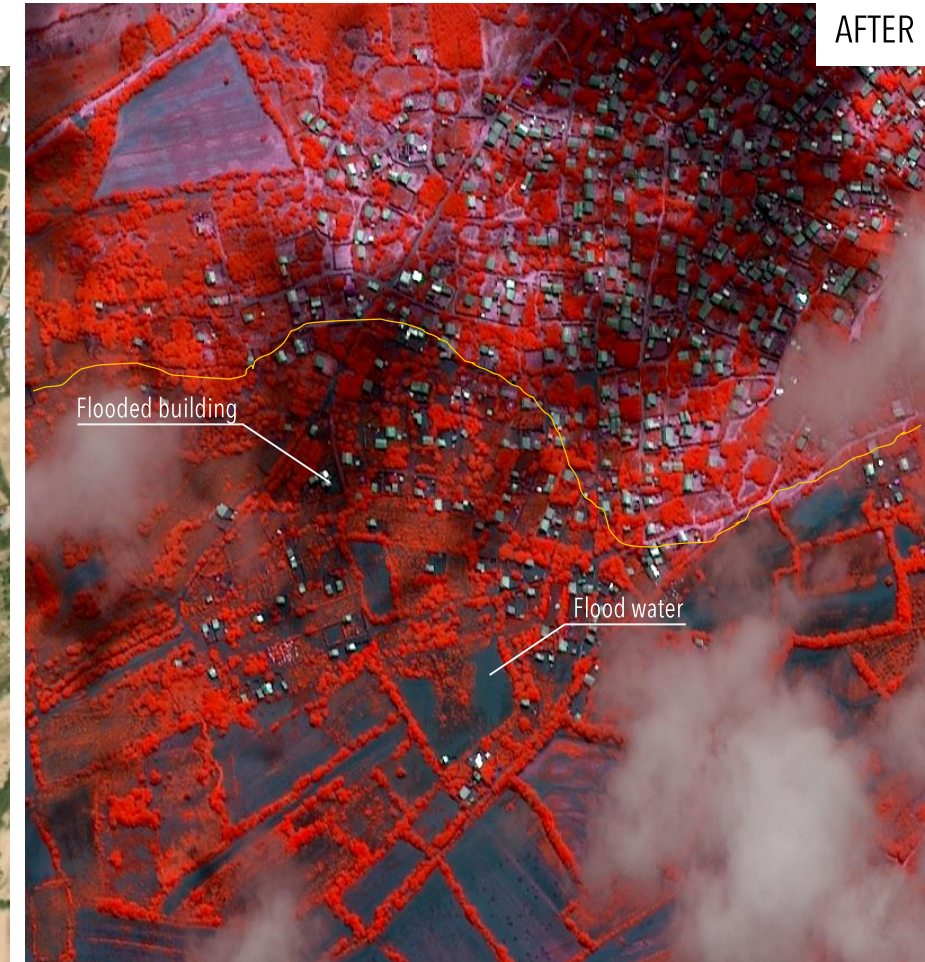
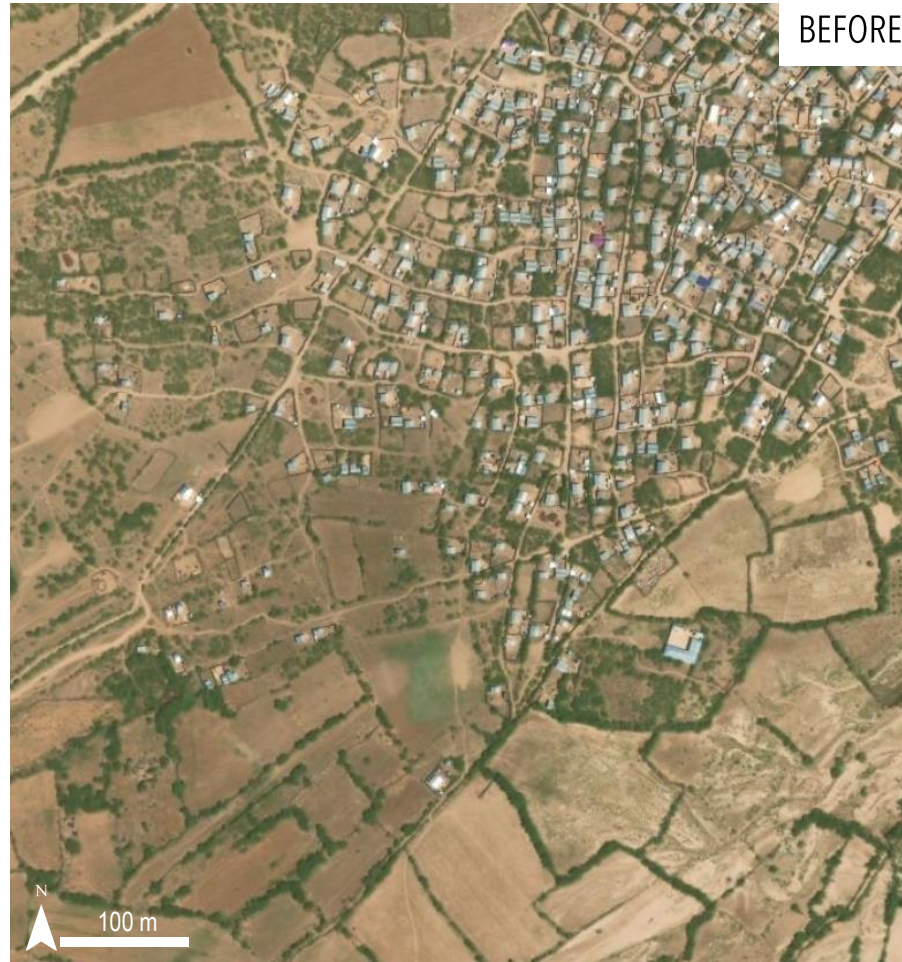
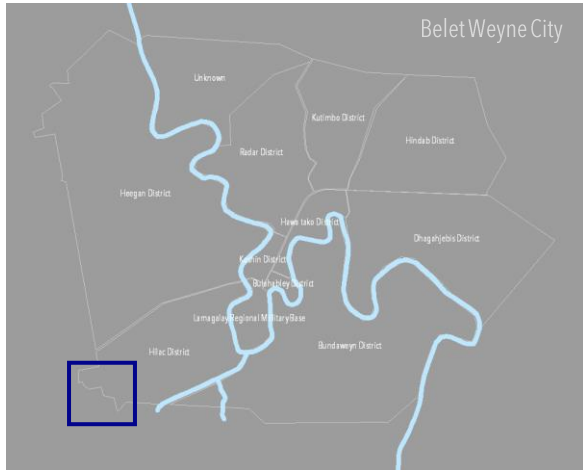


Image Center :
45°11'18.237"E
04°43'23.177"N

WorldView-2 / 10 MAY 2020

AOI 1 BELETWEYNE DISTRICT, HIRAAN REGION, SOMALIA : FLOOD WATER DETECTED

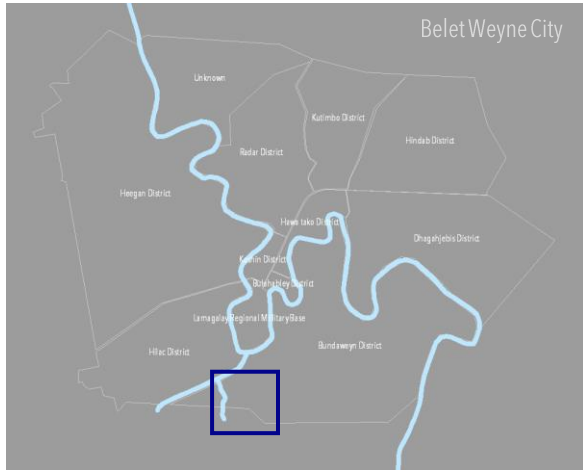


Image Center :
45°12'10.096"E
04°43'14.395"N

WorldView-2 / 10 MAY 2020

SUMMARY OF PRELIMINARY OBSERVATIONS AND FURTHER ACTIONS

Date of assessment validity: 12 MAY 2020

Preliminary observations, impact and severity *:

- Flood waters detected along the Shabelle river and in Beletweyne City as of 10 and 11 May 2020;
- Buildings affected by flood waters as of 10 and 11 May 2020;
- Large amount of flood waters detected north and south of Beletweyne City as of 10 and 11 May 2020;
- Kutimbo neighborhood of Beletweyne City appears to be the most affected by flood waters as of 11 May 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

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