

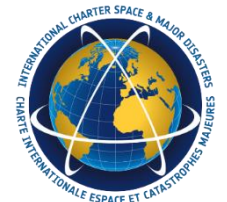


24 JANUARY 2020

PRELIMINARY SATELLITE-DERIVED FLOOD ASSESSMENT IN GWEMBE DISTRICT, SOUTHERN PROVINCE, ZAMBIA

STATUS: Evidences of flood waters detected along the river.
No major floods impacted directly urban areas.

FURTHER ACTION(S): CONTINUE MONITORING



OVERVIEW / BASED ON AOIs ASSESSED

Date of assessment validity:

Impact and severity*:

- undetected
- limited impact potentially
- significant impact potentially

Data sources:

(1) pre-event (reference) image:
ArcGIS Basemap and Google Earth

(2) post-event images:
Pléiades, 23 January 2020
© CNES (2020), Distribution Airbus DS

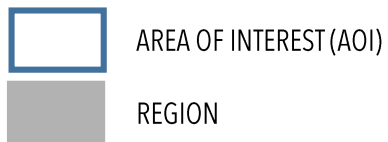
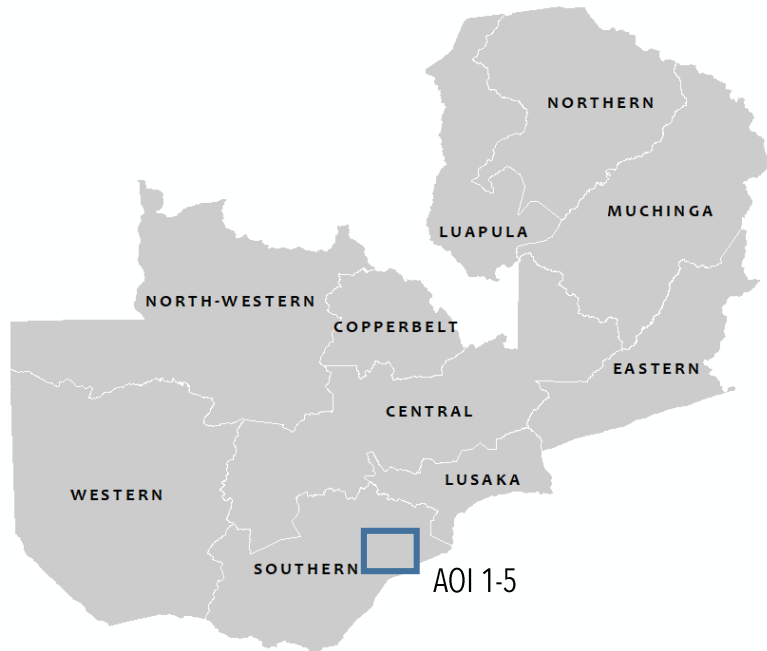
(3) baseline data

- administrative boundaries:
OCHA, ROSEA 2020

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

- buildings - residential
- buildings - commercial/ industry
- vulnerable structures (e.g. schools, hospitals, water, sanitation, power)
- internally displaced persons (IDP) camps
- transportation network
- agriculture
- other:

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



AOI 5 GWEMBE DISTRICT, SOUTHERN PROVINCE, ZAMBIA / PARTIALLY AFFECTED BY THE FLOODS



Partially affected by floods as of 23 January 2020

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:

 Flood Trace

Pléiades 23 January 2020 08:10 UTC

SUMMARY OF PRELIMINARY OBSERVATIONS AND FURTHER ACTIONS

Date of assessment validity: 24 January 2020

Preliminary observations, impact and severity *:

- Evidences of flood waters detected in the agricultural zone along the river.
- No flood observed in the urban area.

Further/ anticipated actions from UNOSAT:

- no impact detected/ discontinue monitoring over specific AOI
- potential impact detected continue monitoring over specific 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)