



28 June 2023

# Preliminary Satellite Derived Flood Assessment



Gambela Region, Ethiopia

 Status: Inundated agricultural area and affected road observed

 Further action(s): continue monitoring



# ETHIOPIA



# AOI 1 ABOBO VILLAGE, AGNEWAK, GAMBELA REGION

Image center:  
34°32'11"E  
07°53'51" N



Gambela  
Region



# AOI 1.1 ABOBO VILLAGE, AGNEWAK, GAMBELA REGION

Image center:  
34°32'08"E  
07°54'03"N



Gambela  
Region



## Affected road



WorldView-2 / 26 March 2022

Pleiades / 21 June 2023

# AOI 1.2 ABOBO VILLAGE, AGNEWAK, GAMBELA REGION

Image center:  
34°32'39"E  
07°53'51"N



Gambela  
Region



## Inundated agricultural area and affected road



BEFORE



AFTER

Flood affected road



Inundated  
agricultural area



# AOI 1.3 ABOBO VILLAGE, AGNEWAK, GAMBELA REGION

Image center:  
34°31'55"E  
07°53'45"N



Gambela  
Region



Affected road



WorldView-2 / 26 March 2022



Pleiades / 21 June 2023

# AOI 1.4 ABOBO VILLAGE, AGNEWAK, GAMBELA REGION

No major damage

Image center:  
34°32'22"E  
07°53'39"N



Gambela  
Region



UNOSAT  
United Nations  
Satellite Centre



WorldView-2 / 26 March 2022



Pleiades / 21 June 2023

# summary of findings

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- Inundated agricultural areas observed in the eastern part of Abobo village as of 21 June 2023;
- Widespread affected roads observed in Abobo village as of 21 June 2023;
- No major damage observed in the settlement zone of Abobo village as of 21 June 2023.



# COPYRIGHTS AND SOURCES

## Data sources:

### (1) Satellite Image (Post-event)

Satellite Data (Post): Pleiades

Imagery Dates : 21 June 2023

Resolution: 50 cm

Copyright : CNES (2023), distribution Airbus D&S

Source : Airbus D&S

### (2) Satellite Image (Pre-event):

Satellite Data (Pre) : WorldView-2

Imagery Dates : 26 March 2022

Resolution: 50 cm

Copyright: 2022 Digital Globe

Source: ESRI Base map

### (3) Ancillary data

Administrative boundaries: OCHA Regional Office for Southern and Eastern Africa (ROSEA)

Analysis: United Nations Satellite Centre (UNOSAT)

Production: United Nations Satellite Centre (UNOSAT)

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**UNOSAT**, United Nations Institute for Training  
and Research (UNITAR)  
7 bis, Avenue de la Paix, CH-1202 Geneva 2,  
Switzerland

T +41 22 917 4720  
E [unosat@unitar.org](mailto:unosat@unitar.org)  
[www.unosat.org](http://www.unosat.org)