SOUTH SUDAN

IMAGERY ANALYSIS: 10 TO 14/03/2022 PUBLISHED 03/16/2022 V1.

FLOOD EXTENT (10 - 14 MAR. 2022)
~11,423km²
POPULATION POTENTIALLY EXPOSED (10 - 14 MAR. 2022)
~277,113

FLOOD EXTENT (05 - 09 MAR. 2022)
~23,411km²
POPULATION POTENTIALLY EXPOSED (05 - 09 MAR. 2022)
~557,743

This map illustrates cumulative satellite-detected water using VIIRS in South Sudan between 10 to 14 March 2022 compared with the period from 05 to 09 March 2022. Within the cloud free analyzed areas of about 628,000 km², a total of about 11,400 km² of lands appear to be affected with flood waters. Water extent appears to have decreased about 12,000 km² since the period between 05 to 09 March 2022. Based on Worldpop population data and the maximal flood water coverage, ~277,000 people are potentially exposed or living close to flooded areas.

This is a preliminary analysis and has not yet been validated in the field. Please send ground feedback to the United Nations Satellite Centre (UNOSAT).

Legend
- Capital city
- City
- International boundary
- Undetermined boundary
- Province boundary
- County boundary
- Primary road
- County road
- Reference water
- Minimum floodwater extent
- Maximum floodwater extent

Satellite detected water extents between 10 and 14 March 2022 over South Sudan

Copyright: NOAA/Suomi NPP
Source: NOAA
Satellite Data (1): NOAA-20/VIIRS
Imagery Date: 10 to 14 Mar. 2022
Resolution: 375 m
Copyright: NOAA/Suomi NPP
Source: NOAA
Satellite Data (1): NOAA-20/VIIRS
Imagery Date: 05 to 09 Mar. 2022
Resolution: 375 m
Copyright: NOAA/Suomi NPP
Source: NOAA
Boundary data: OCHA
Populated place: OpenStreetMap
Waterways: OpenStreetMap
Population data: Worldpop [2020]
Background: ESRI Basemap
Analysis: United Nations Satellite Centre (UNOSAT)
Production: United Nations Satellite Centre (UNOSAT)

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