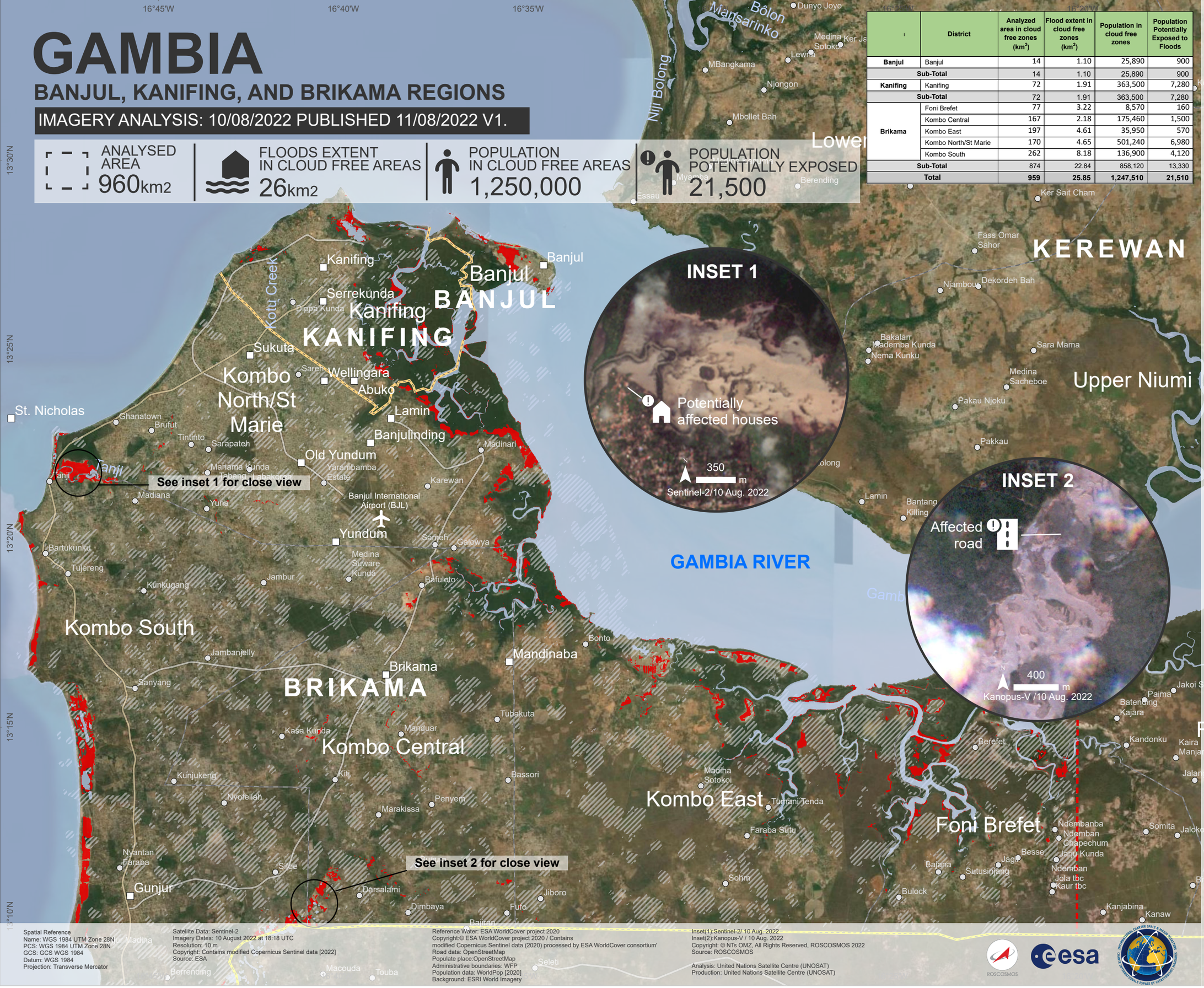
GAMBIA

BANJUL, KANIFING, AND BRIKAMA REGIONS

IMAGERY ANALYSIS: 10/08/2022 PUBLISHED 11/08/2022 V1.

ANALYSED AREA	FLOODS EXTENT IN CLOUD FREE AREAS	POPULATION IN CLOUD FREE AREAS	POPULATION POTENTIALLY EXPOSED
960km2	26km2	1,250,000	21,500

	District	Analyzed area in cloud free zones (km^2)	Flood extent in cloud free zones (km^2)	Population in cloud free zones	Population Potentially Exposed to Floods
Banjul	Banjul	14	1.10	25,890	900
Sub-Total		14	1.10	25,890	900
Kanifing	Kanifing	72	1.91	363,500	7,280
Sub-Total		72	1.91	363,500	7,280
Brikama	Foni Brefet	77	3.22	8,570	160
	Kombo Central	167	2.18	175,460	1,500
	Kombo East	197	4.61	35,950	570
	Kombo North/St Marie	170	4.65	501,240	6,980
	Kombo South	262	8.18	136,900	4,120
Sub-Total		874	22.84	858,120	13,330
Total		**959**	**25.85**	**1,247,510**	**21,510**



Satellite detected water extents in Banjul, Kanifing, and Brikama Regions, Gambia as of 10 August 2022

This map illustrates satellite-detected surface waters in Satellite detected water in Banjul, Kanifing, and Brikama Regions, Gambia as observed from a Sentinel-2 image acquired on 10 Aug 2021 at 18:18 local time. Within the analyzed cloud free zones of about 960 km2, about 26 km2 of lands appear to be flooded.

Based on Worldpop population data and the detected surface waters in the analyzed area, the potentially exposed population is mainly located in the districts of Kanifing with ~ 7,300 people, Kombo North/St Marie with ~ 7,000 and Kombo South with ~ 4,100 people

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

Legend

- City/Town
- Village
- International boundary
- Region boundary
- District boundary
- Primary road
- Secondary road
- Analysis extent
- Reference water
- Cloud mask
- Satellite detected water

Map scale for A3: 1:165,000

0 1.25 2.5 5 KM

Spatial Reference
Name: WGS 1984 UTM Zone 28N
PCS: WGS 1984 UTM Zone 28N
GCS: GCS WGS 1984
Datum: WGS 1984
Projection: Transverse Mercator

Satellite Data: Sentinel-2
Imagery Dates: 10 August 2022 at 18:18 UTC
Resolution: 10 m
Copyright: Contains modified Copernicus Sentinel data [2022]
Source: ESA

Reference Water: ESA WorldCover project 2020
Copyright:© ESA WorldCover project 2020 / Contains modified Copernicus Sentinel data (2020) processed by ESA WorldCover consortium'
Road data: OpenStreetMap
Populate place:OpenStreetMap
Administrative boundaries: WFP
Population data: WorldPop [2020]
Background: ESRI World Imagery

Inset(1):Sentinel-2/ 10 Aug. 2022
Inset(2):Kanopus-V / 10 Aug. 2022
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Source: ROSCOSMOS

Analysis: United Nations Satellite Centre (UNOSAT)
Production: United Nations Satellite Centre (UNOSAT)