

122°35'E

122°40'E

122°45'E

122°50'E

122°55'E

# PHILIPPINES

## CAPIZ PROVINCE, REGION VI

IMAGERY ANALYSIS: 02/11/2022 PUBLISHED 02/11/2022 V1.

ANALYZED AREA  
1,300km<sup>2</sup>

OBSERVED FLOODS  
[02 NOV. 2022]  
28km<sup>2</sup>

TOTAL POPULATION  
IN ANALYZED AREA  
580,000

POPULATION POTENTIALLY  
EXPOSED [02 NOV. 2022]  
15,000



**TROPICAL CYCLONE**  
TC20221028PHL



**Satellite detected water extent in Capiz Province, Region VI, Philippines as of 2 November 2022**

This map illustrates satellite-detected surface waters in Capiz Province, Region VI, Philippines as observed from a Sentinel-1 image acquired on 2 November 2022 at 05:39 local time. Within the analyzed area of about 1,300 km<sup>2</sup>, about 28 km<sup>2</sup> of lands appear to be flooded. Based on Worldpop population data and the detected surface waters, about 15,000 people are potentially exposed or living close to flooded areas.

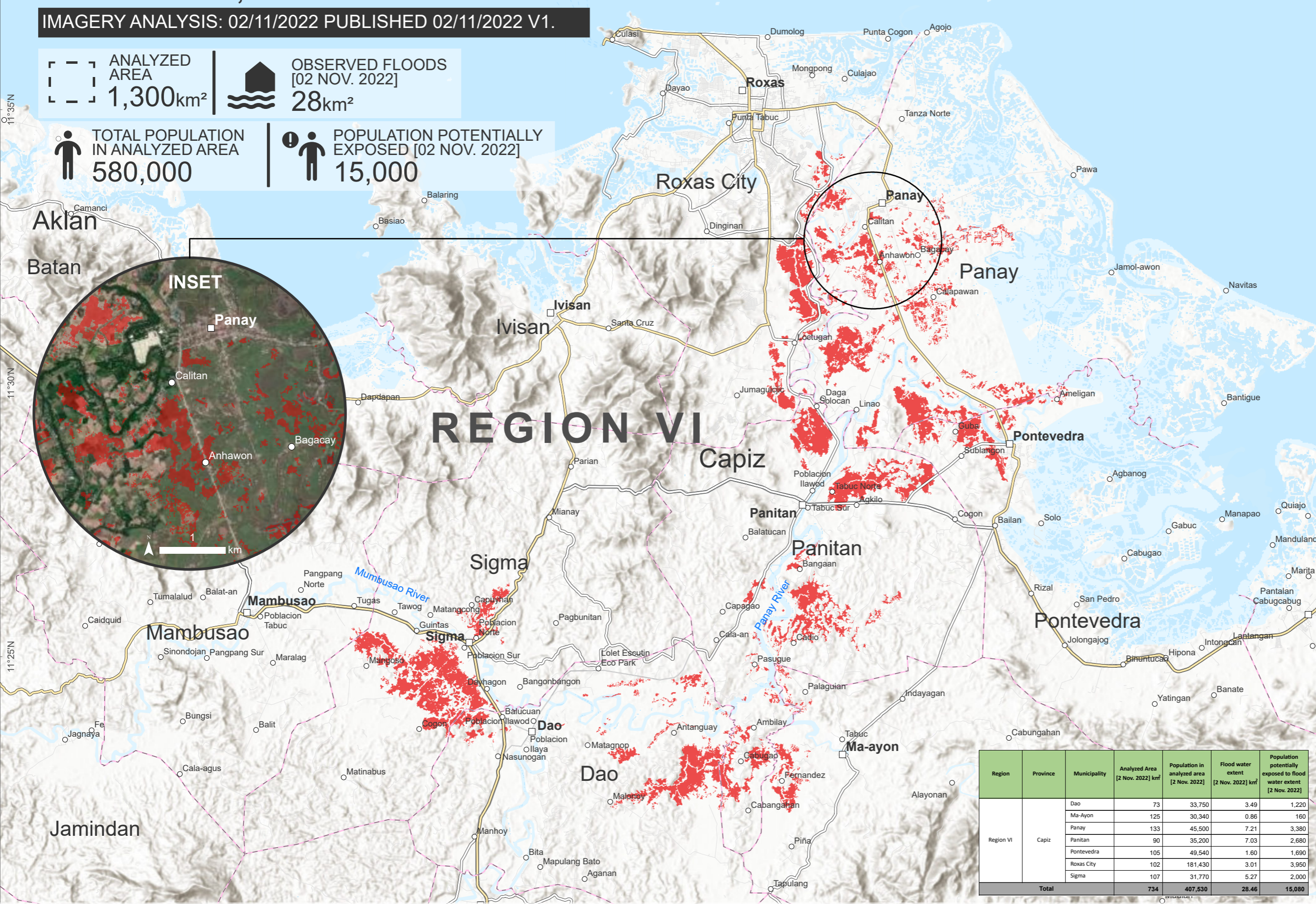
This is a preliminary analysis and has not yet been validated in the field. Please send ground feedback to United Nations Satellite Centre (UNOSAT).

Important note: Flood analysis from radar images may underestimate the presence of standing waters in built-up areas and densely vegetated areas due to backscattering properties of the radar signal.

### Legend

- City/Town
- Village
- Municipality boundary
- Primary road
- Secondary road
- Other road
- Reference water
- Satellite detected water extent [2 Nov. 2022]

Region	Province	Municipality	Analyzed Area [2 Nov. 2022] km <sup>2</sup>	Population in analyzed area [2 Nov. 2022]	Flood water extent [2 Nov. 2022] km <sup>2</sup>	Population potentially exposed to flood water extent [2 Nov. 2022]
Region VI	Capiz	Dao	73	33,750	3.49	1,220
		Ma-Ayon	125	30,340	0.86	160
		Panay	133	45,500	7.21	3,380
		Panitan	90	35,200	7.03	2,680
		Pontevedra	105	49,540	1.60	1,690
		Roxas City	102	181,430	3.01	3,950
		Sigma	107	31,770	5.27	2,000
<b>Total</b>			<b>734</b>	<b>407,530</b>	<b>28.46</b>	<b>15,080</b>



Spatial Reference  
Name: WGS 1984 UTM Zone 51N  
PCS: WGS 1984 UTM Zone 51N  
GCS: GCS WGS 1984  
Datum: WGS 1984

Satellite Data: Sentinel-1  
Imagery Date: 01 Nov. 2022 at 21:39UTC  
Resolution: 10m  
Copyright: Contains modified Copernicus Sentinel data [2022]  
Source: ESA

Reference water: EC JRC/Google  
Boundary data: National Mapping and Resource Information Authority (NAMRIA), Philippines Statistics Authority (PSA)  
Population data: WorldPop 2020  
Waterways: OpenStreetMap  
Road data: OpenStreetMap

Background: ESRI Basemap  
Analysis: United Nations Satellite Centre (UNOSAT)  
Production: United Nations Satellite Centre (UNOSAT)



Map scale for A3: 1:125,000  
0 0.75 1.5 3 KM