

GUYANA

REGION 1 - 10

IMAGERY ANALYSIS: 25 - 29/05/2022 PUBLISHED 30/05/2022 V1

FLOOD EXTENT
(25 - 29 MAY. 2022)

3,900km²

POPULATION POTENTIALLY EXPOSED
IN CLOUD FREE AREAS (25 - 29 MAY. 2022)

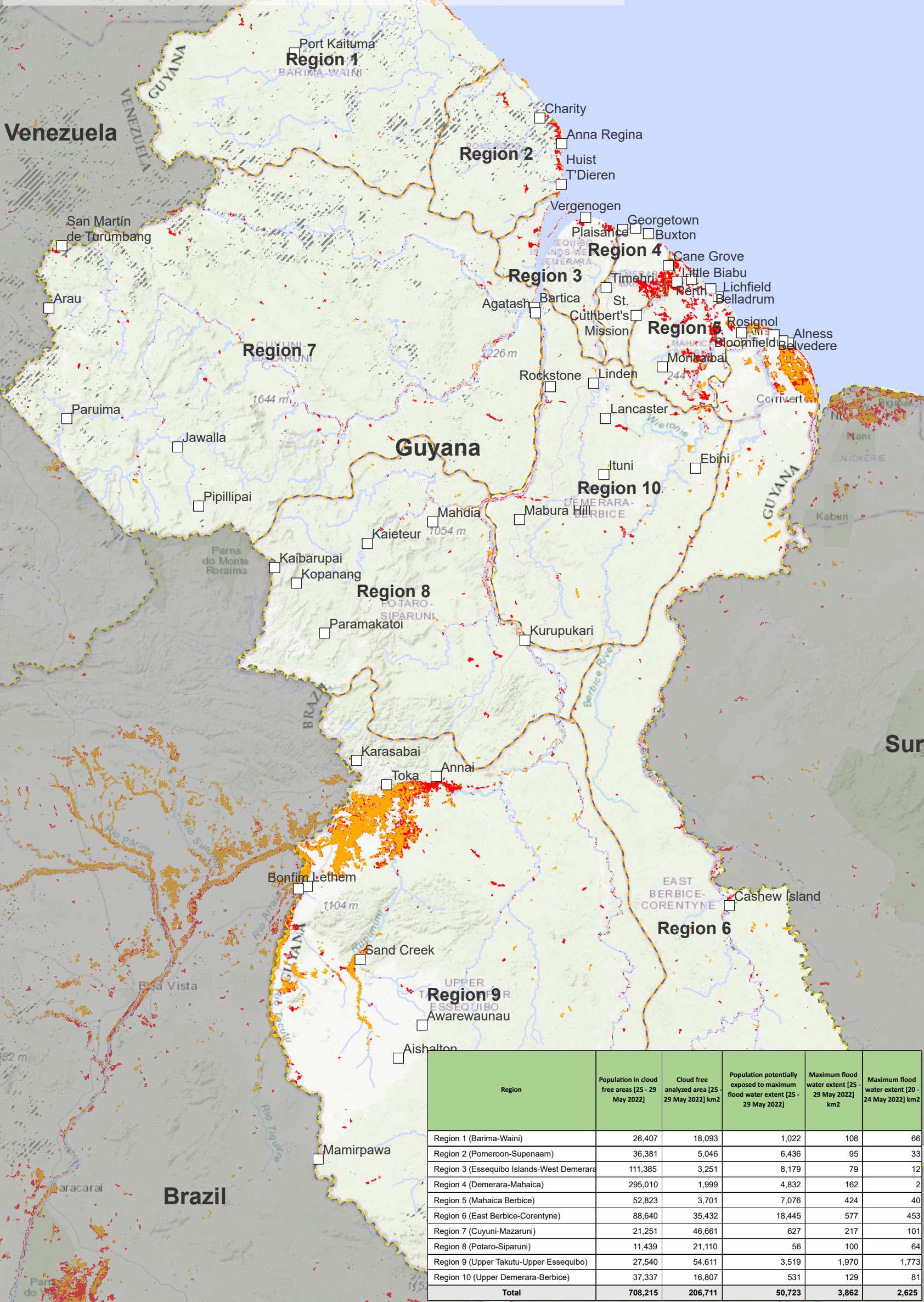
50,000

FLOOD EXTENT
(20 - 24 MAY. 2022)

2,600km²

POPULATION POTENTIALLY EXPOSED
IN CLOUD FREE AREAS (20 - 24 MAY. 2022)

22,000



Region	Population in cloud free areas [25 - 29 May 2022]	Cloud free analyzed area [25 - 29 May 2022] km ²	Population potentially exposed to maximum flood water extent [25 - 29 May 2022]	Maximum flood water extent [25 - 29 May 2022] km ²	Maximum flood water extent [20 - 24 May 2022] km ²
Region 1 (Barima-Waini)	26,407	18,093	1,022	108	66
Region 2 (Pomeroon-Supenaam)	36,381	5,046	6,436	95	33
Region 3 (Essequibo Islands-West Demerara)	111,385	3,251	8,179	79	12
Region 4 (Demerara-Mahaica)	295,010	1,999	4,832	162	2
Region 5 (Mahaica-Berbice)	52,823	3,701	7,076	424	40
Region 6 (East Berbice-Corentyne)	88,640	35,432	18,445	577	453
Region 7 (Cuyuni-Mazaruni)	21,251	46,661	627	217	101
Region 8 (Potaro-Siparuni)	11,439	21,110	56	100	64
Region 9 (Upper Takutu-Upper Essequibo)	27,540	54,611	3,519	1,970	1,773
Region 10 (Upper Demerara-Berbice)	37,337	16,807	531	129	81
Total	708,215	206,711	50,723	3,862	2,625



FLOOD
FL20220526GUY



Satellite detected water extent between 25 and 29 May 2022 over Guyana

This map illustrates cumulative satellite-detected water using VIIRS in Guyana between 25 to 29 May 2022 compared with the period from 20 to 24 May 2022. Within the cloud free analyzed areas of about 205,000 km², a total of about 3,900 km² of lands appear to be affected with flood waters. Water extent appears to have increased of about 1,200 km² since the period between 20 to 24 May 2022. Based on Worldpop population data and the maximal flood water coverage, ~22,000 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**
- City / Town
 - International boundary
 - Region boundary
 - Cloud obstruction [25 - 29 May 2022]
 - Maximum flood water extent [20 - 24 May 2022]
 - Maximum flood water extent [25 - 29 May 2022]
 - Reference water

