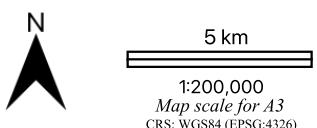


Flood  
Pesisir Selatan  
West Sumatra Province, Indonesia

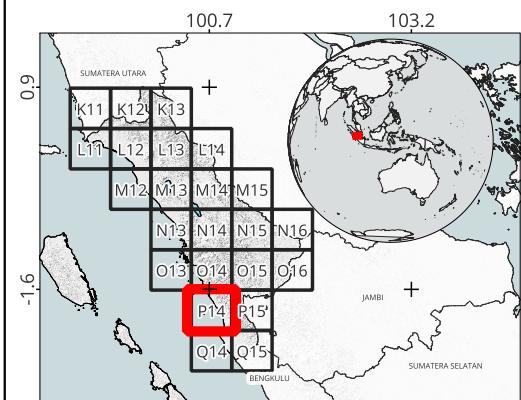


Legenda:

	Batas kabupaten District border		Jaringan jalan primer Primary road
	Danau Lake		Jaringan jalan Road
	Estimasi area terdampak banjir Estimated flooded area		

Sumber Data:  
Data source:

1. Batas administrasi dari Badan Informasi Geospasial  
*Administrative boundary courtesy of Geospatial Information Agency (BIG)*
2. Jaringan jalan dan nama tempat dari Open Street Map  
*Road networks and nameplace courtesy of the Open Street Map (OSM)*



Deskripsi:  
Estimasi genangan banjir dilakukan dengan menganalisis perubahan nilai backscatter ( $\Delta b$ ) pada citra SAR Sentinel-1 sebelum (15 & 23 November 2025) dan sesudah kejadian (29 November 2025). Penurunan backscatter yang melampaui ambang batas yang ditetapkan, diidentifikasi sebagai genangan banjir. Hasil estimasi masih memerlukan validasi lapangan.

Description:  
Flood inundation was estimated by analyzing changes in backscatter ( $\Delta b$ ) in Sentinel-1 SAR imagery acquired before (15th & 23rd November 2025) and after the event (29th November 2025). A decrease in backscatter exceeding the predefined threshold was classified as flooded area. Estimated flood still needed to be verified further.

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