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Sea Level Stations



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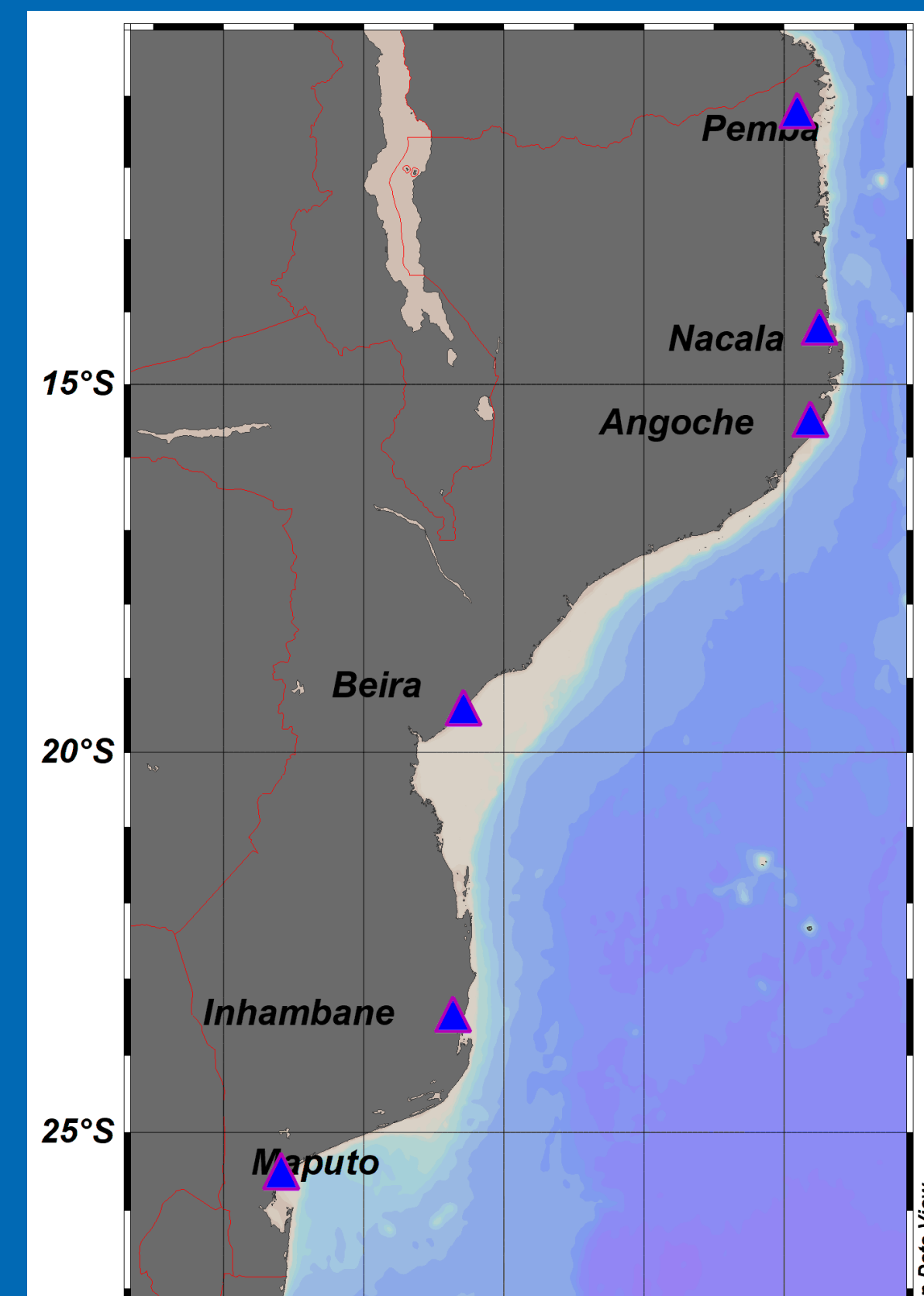


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Introduction

- 11 principal harbors
- 6 permanent sea level stations
- 2 GLOSS stations-Inhamane and Pemba





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Stations Monitoring

6- Oceanographic Institute of Mozambique

- Beira- tide gauge under
responsibility of Mozambique
Railway



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Galaxy A13 5G



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GLOSS Stations

- Pemba- removed for harbor maintenance work
- Inhambane- installed



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#Inahina #Inhambane



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#Inahina #Inhambane



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Potential locations for new stations – pros and cons



Port	Pros and Cons
Maputo	Cons: Being the capital city, having established infrastructure, and located in a high-risk zone.
Beira	Pros: Cyclone hotspot, major port, vulnerable deltaic area. Cons: Exposure to extreme events may damage equipment.
Nacala	Pros: Deep-water port, northern coverage. Cons: Less extreme but still relevant.
Angoche	Cons: Fisheries port is under construction
Pemba	Pros: capture of tide height during cyclone events; coordinate that are availability of satellite Sea Surface Height; Cons: High intensity winds during cyclone events
Inhambane	Pros: calm area; few extreme events

Thank You