

# Sea Level Operations in Trinidad and Tobago



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# Network Overview

Item	Details
<b>Number of Stations Installed</b>	6
<b>Number Operational</b>	6 (Operational or Partially Operational)
<b>Operating Organisations</b>	IMA, Hydrographic Unit
<b>Contact Agency</b>	Trinidad and Tobago Meteorological Service (TTMS)
<b>Maintenance &amp; Repairs</b>	Institute of Marine Affairs (IMA)
<b>Technologies Used</b>	Radar & pressure sensors, GNSS, barometers
<b>Levelling</b>	Optical level & campaign GPS every 2–3 years
<b>Data Link</b>	<a href="https://www.ioc-sealevelmonitoring.org">https://www.ioc-sealevelmonitoring.org</a>

# Network Overview

 **SEA LEVEL STATION MONITORING FACILITY**

Intro Map Station lists **Station details** Services & FAQ GLOSS Catalog

**Stations monitored by Caribbean Planning for Adaptation to Climate Change ( Trinidad and Tobago )**  
Status at 2025-11-13 22:47 GMT : 7 stations listed ordered by glossid

Show: All known stations  Info: General information

Code	GLOSS ID	Country	Location	Connection	DCP ID	Last observation Level	Time in GMT	Delay	Transmit Interval	View
cdtt		Trinidad & Tobago	Cedros Bay	SOTD10	A9C013C0	2.62	-down-	1619d	1h	<a href="#">[open]</a>
chrl		Trinidad & Tobago	Charlottesville	SOTD10	A9C043BC	1.71	-down-	3376d	1h	<a href="#">[open]</a>
gale		Trinidad & Tobago	Galeota	SOTD10	A9C013C0	2.43	22:32	15'	1h	<a href="#">[open]</a>
pnfo		Trinidad & Tobago	Point Fortin	SOTD10	A9C053BC		-down-		1h	<a href="#">[open]</a>
ptga		Trinidad & Tobago	Point Galeota			1.62	-down-	4522d	1h	<a href="#">[open]</a>
scar		Trinidad & Tobago	Scarborough	SOTD10	A9C0352C	3.12	-down-	1700d	1h	<a href="#">[open]</a>
ptsp	203	Trinidad & Tobago	Port of Spain	SOTD10	A9C000B6	3.2	22:32	15'	1h	<a href="#">[open]</a>

# National Tide Gauge Network

Station Name	GLOSS ID	Location	Status	Operating Organization
Port of Spain, Trinidad	203	10.65°N, 61.52°W	Operational	IMA / Hydrographic Unit
Point Fortin, Trinidad	—	10.18°N, 61.68°W	UNKNOWN	IMA / Hydrographic Unit
Point Galeota, Trinidad	—	10.08°N, 61.03°W	Operational	IMA / Hydrographic Unit
Cedros Bay, Trinidad	—	10.08°N, 61.90°W	UNKNOWN	IMA / Hydrographic Unit
Scarborough, Tobago	—	11.18°N, 60.73°W	UNKNOWN	IMA / Hydrographic Unit
Charlotteville, Tobago	—	11.33°N, 60.55°W	UNKNOWN	IMA / Hydrographic Unit

## Map of Sea Level Stations



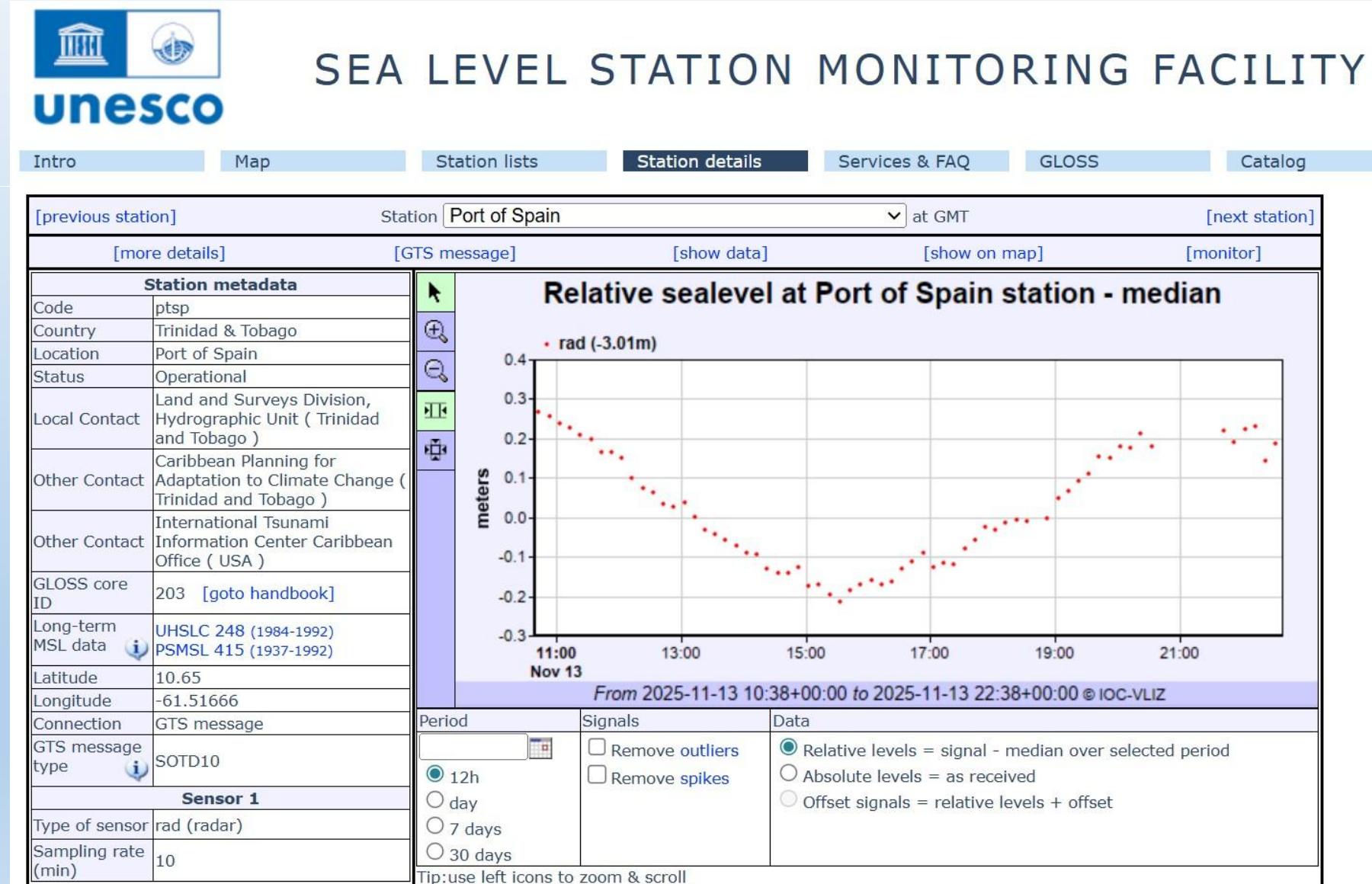
### Main Locations:

- Port of Spain (GLOSS ID 203)
- Point Fortin
- Point Galeota
- Cedros Bay
- Scarborough
- Charlotteville

# Typical Station: Port of Spain (GLOSS ID 203)

Parameter	Details
<b>Latitude / Longitude</b>	10.65°N, 61.52°W
<b>Sensors</b>	Radar + Pressure sensors
<b>Telemetry Method</b>	Satellite (GOES/DCP) & Internet
<b>Transmit Period</b>	Every 15 minutes
<b>Sampling Rate</b>	1 minute
<b>GNSS Receiver</b>	For positioning and timing
<b>Met Sensors</b>	Barometer, temperature, wind

# Typical Station



# Technology Issues / Support Needed

- Technical support in sensor calibration and diagnostics for radar and pressure systems.
- Training and capacity building in data management and analysis.
- Upgrades to telemetry and power systems for improved data reliability in remote coastal sites.

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Thank you for your time and attention!