

Sea Level Operations in XXX

- No. of stations installed - 4
- No of stations operational - None
- Operating organisation – UK Hydrographic Office
- Contact person - Nathanael Knapp
- Person responsible for Maintenance and Repairs – Ocean Wise and LSD Team
- Technologies used – Radar and Pressure
- Frequency of levelling and technique used - Optical level, Campaign GPS
- Weblink to data:

<https://www.ioc-sealevelmonitoring.org/list.php>

- Map of sea level stations



Typical Station

- Station Name - **CAGB**
- Lat and Lon –
19.312283, -81.089491
- Sensors – **aqu - Aquatrak (brand) and Radar**
- Sampling rate – **1 min**
- Telemetry method – **GTS message (SOTI10)**
- Transmit period – **12 hours**

- Photograph of a typical station



Gun Bay Public Dock in East End

Future Plans

- The government is looking at installing 4 new tide gauges across the Cayman islands.
- Two in Grand Cayman, one in Cayman Brac and one in Little Cayman.

Technology Issues

- Identifying the suitable Tide Gauge for Hurricane prone areas but Radar is recommended.
- Installation setup to ensure security of the tide gauge.
- Means of technology used to do an educational campaign on the importance of Tide Gauges