

## Report St. Lucia Sea Level Station

1. Date of report: January 26, 2011
2. Title: Report on Sea Level Station Operations in St. Lucia
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4. Map(s) of tide gauge network in country or region



### 5. Tide Gauge Site

Name:	Gunthers Bay, St. Lucia
Station Code:	
Lat	14.1666 N
Long	61.000 W
Date Installed	1998. Upgraded in 2009 by Marvin Forde and Peter Providence as part of the MACC/CCCC project.
Status	Non Operational. Reports are not being received currently
Operator:	Meteorological Office

6. An overview of the gauge technology employed in the network

Communications	GOES
GOES PID	1402E70A
WMO Header: N/A	
GOES Channel	79
Transmit Period	1 Hour
Sampling Rate	6 min (needs to be verified as 10 data values are being sent by the first data value in the previous transmission is repeated as the last data value in the following transmission.
GLOSS Station ID	N/A
DCP	Microcom SDI 12 Bus
GPS	Yes
Sensor	Aquatrak 5000 w/ integrated Cal/range Temperatures
Met Sensors	Vaisala WXT 510 (AT, Pressure, Relative Humidity, Wind Direction, Wind Speed, Precipitation)

7. Leveling: Benchmarks are installed.

8. An overview of the data availability  
St. Lucia has no access to data.

9. Web, email etc. addresses of data banks and of sources of further information

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10. Future Plans. Very secure area. Marine Police Headquarters. Repair (May 2011) the station with Caribbean Institute of Meteorology (CIMH) with funding provided for by the MACC/CCCC project. Verify exiting benchmarks and level the station.