

Grenada Sea Level Station

1. Date of report: January 25, 2011
2. Title: Report on Sea Level Station Operations in Grenada
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4. Map and Picture of tide gauge station in Grenada



5. A list of gauge sites

Name:	Coast Guard Base, True Blue, St. George
Station Code	N/A
Lat	12.00 N
Long	-61.75W
Date Installed	1998. Upgraded in 2009 by Marvin Forde as part of the MACC/CCCC project.
Status	Operational (with exception of rain gauge)
Operator:	To be defined by the Government of Grenada. The contact person at the Coast Guard Base is Osmond Griffith, Commander of the Coast Guard, 473 - 440 - 5173 (H), 473 - 444 - 1931 /32 (O), 473 - 405 - 7478 (M)

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

Communications	GOES
GOES PID	1402A400
WMO Header	SXGD40 (pending approval)
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. An overview of the GPS etc. technology in the network: Just for timing

8. Leveling: 4 benchmarks, not leveled. One benchmark needs to be relocated.

9. An overview of the data availability: Data was supposed to be archived and quality controlled as part of the MACC/CCCC project (2008 to present)

10. Web, email etc. addresses of data banks and of sources of further information. In addition to the Coast Guard Commander, the following are potential contacts.

Name	Middle Initial	Country	Organization	Address	Position	Contact info:
Joshua Amos Hillaire		Grenada	Grenada Airport Authority	La Fortune St. Patrick's	Technican	473 - 442 - 9828 (H) 473 - 444 - 4142 (O) 473 - 405 - 8814 (M) 473 - 444 - 1574 (F) jah-hl@hotmail.com

Jason Lyons	N.k.	Grenada	National Disaster Management Agency	Richmond Hill, St. George's	Community Programme Officer	473 – 440 – 8390 (O) 473 – 404 – 5291 (M) 473 – 440 – 6674 (F) jlocura@hotmail.com nadma@spiceisle.com
Christopher Joseph		Grenada	Ministry of Foreign Affairs, Environment, Foreign Trade & Export Development	Financial Complex, The Carenage, St. George's	Environmental Protection Officer	473 - 442 – 4102 (H) 473 – 440 – 2214 (O) 473 – 415 – 2226 (M) krispjj@hotmail.com

11. Future Plans. This station will be upgrade by the University of Hawaii Sea Level Center as part of a NOAA Tsunami Program. The upgrade will include additional sea level sensors and 5 minute transmissions. A GTS/WMO has been requested and submitted by the Pacific Tsunami Warning Center to NOAA/NESDIS for this station.