Dominica Sea Level Station

1. Date of report: February 9, 2011

2. Title: Report on Sea Level Station Operations in Dominica

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4. Map and Picture of tide gauge station in Dominica
5. Tide Gauge Site

<table>
<thead>
<tr>
<th>Name:</th>
<th>Coast Guard Base, Roseau</th>
</tr>
</thead>
<tbody>
<tr>
<td>Station Code</td>
<td>N/A</td>
</tr>
<tr>
<td>Lat</td>
<td>15.314 N</td>
</tr>
<tr>
<td>Long</td>
<td>-61.389 W</td>
</tr>
<tr>
<td>Date Installed</td>
<td>1998. Upgraded in 2009 by Marvin Forde as part of the MACC/CCCCC project.</td>
</tr>
<tr>
<td>Status</td>
<td>Non operational, station was damaged by hurricane in 2010.</td>
</tr>
<tr>
<td>Operator:</td>
<td>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)</td>
</tr>
</tbody>
</table>

6. An overview of the gauge technology

<table>
<thead>
<tr>
<th>Communications</th>
<th>GOES</th>
</tr>
</thead>
<tbody>
<tr>
<td>GOES PID</td>
<td>14027268</td>
</tr>
<tr>
<td>WMO Header</td>
<td></td>
</tr>
<tr>
<td>GOES Channel</td>
<td>79</td>
</tr>
<tr>
<td>Transmit Period</td>
<td>1 Hour</td>
</tr>
<tr>
<td>Sampling Rate</td>
<td>6 min</td>
</tr>
<tr>
<td>GLOSS Station ID</td>
<td>N/A</td>
</tr>
<tr>
<td>DCP</td>
<td>Microcom SDI 12 Bus</td>
</tr>
<tr>
<td>GPS</td>
<td>Yes</td>
</tr>
<tr>
<td>Sea Level Sensor</td>
<td>Aquatrak 5000 w/ integrated Cal/range Temperatures (non operational, cal tube and stilling well damaged)</td>
</tr>
<tr>
<td>Met Sensors</td>
<td>Vaisala WXT 510 (AT, Pressure, Relative Humidity, Wind Direction, Wind Speed, Precipitation)</td>
</tr>
</tbody>
</table>

7. An overview of the GPS etc. technology in the network: Just for timing

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

10. Web, email etc. addresses of data banks and of sources of further information.
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11. Future Plans. This station will be upgrade by the University of Hawaii Sea Level Center in cooperation with the Puerto Rico Seismic Network as part of a NOAA Tsunami Program. The upgrade will include new sea level sensors and 5 minute transmissions. A GTS/WMO needs to be requested and submitted by the Pacific Tsunami Warning Center to NOAA/NESDIS for this station.