

## Report Nicaragua Sea Level Station

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



Figure 1. Map of sea level stations in Nicaragua. Nicaragua has no stations in the Caribbean.



Figure 2. Maschapa Station.

5. A list of gauge sites (in Pacific)

Name:	Corinto	Masachapa
Station Code:	cori	
Lat	12.469 N	11.796
Long	87.167 W	86.52
Date Installed	Jan. 23, 2004	Nov. 2007
Status	Non operational	Non Operational
Operator:	PTWC/INETER	INETER

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

Communications	GOES	RS-232
GOES PID	9322AGE8	
WMO Header: N/A	SEMN40	
GOES Channel	173/126	
Transmit Period	1 Hour, 300 baud	9600 baud
Sampling Rate	2 min	
GLOSS Station ID	N/A	
DCP	Vaisala Handar 555	
GPS	YES	No
Sensor #1	PT-1, model: PTX 1830, 20 psi (Druck)	Sea Bird Electronics 50 pressure sensor
Sensor #2	PT-1, model: PTX 1830, 20 psi (Druck)	

**No stations are operational are in existence along Caribbean coast.**

7. Leveling: No information.

8. An overview of the data availability: INETER assumes PTWC has data from the Corinto station. For Masachapa, raw data in the remote PC (running SeaTerm software) without time, no data since the installation. (serial/ethernet converter broken, interference in the repeater, vandalism, fall of the wharf)

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

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10. Future Plans. Identify a new site for Masachapa, the current pier is damaged. Contact NOAA/NWS for repair of Corinto. Verify if the GOES PID is still available. There have been discussions of putting one station in the Atlantic (Puerto Cabezas, Blue Fields or Corn Island).