

Station Name:

CARIACO

**Type of Station (moored / ship-based) and Location
(geographic region / latitude and longitude coordinates):**

SHIP BASED. Cariaco Basin, Southeastern Caribbean, 10.5° N, 64.67° W

**Carbon and biogeochemistry measurements at the station
(indicate the frequency of observations, the year measurements began, and if they are surface / full water column, etc.):**

All measurements are sampled on a monthly basis, unless otherwise indicated. Date of start is stated next to each variable. All measurements are discrete and span the entire water column (1-1310m) at variable resolution.

Inorganic nutrients (Si, PO₄, NO₂, NO₃, NH₄) (11/1995)

Dissolved oxygen (11/1995)

pH/Alkalinity (used to derive *f*CO₂/TCO₂) (11/1995)

DOC & TOC (03, 2005)

DON/DOP (07, 2004)

POC/PON (12, 1995)

Primary production, chlorophyll, phaeopigments (11/1995)

Phytoplankton, zooplankton (11/1995)

Ichthyoplankton (11/1995; sampled roughly every three months)

HPLC (12/1995 – 07/2001; 07/2006)

Bacterial Production, Respiration, protozoan grazing, bacterial abundance (11/ 1995; sampled every 6 months)

H₂S (11/1995; sampled every 6 months)

Carbon fluxes (sediment trap) (11/1995; sampled biweekly)

CTD (fluorescence, beam attenuation, salinity, Temp, DO) (11/1995)

Principle Investigators / Contact Points:

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Affiliation of this station with national, regional, or global research programs and process studies:

Supported by Ministry of Science and Technology, Venezuela

Supported by the Oceanology National Commission, Venezuela
Supported by the National Science Foundation, USA
Part of the Microbial observatory initiative (NSF-Sponsored)
Member of the ANTARES network (<http://antares.ws>)

Web-site or links to other information:

In Spanish: <http://cariaco.ws>

In English: <http://www.imars.usf.edu/CAR/index.html>