

Source:

Dr. James J. Leichter
Integrative Oceanography Division
Scripps Institution of Oceanography -- 0227
9500 Gilman Drive
La Jolla, CA 92093
858-822-5330
jleichter-at-ucsd.edu

Project title: Nearshore benthic-pelagic coupling: Coral growth responses to internal tidal forcing on the Florida Keys coral reefs.

Principal Investigator: James J. Leichter, Scripps Institution of Oceanography

Funding: NSF award OCE-0242157

Date type: Daily mean bottom temperature measured 1 m above the bottom.

Data explanation: Data are from multiple depth-specific stations located on each of a series of sites along the Florida Keys reef tract, USA. The depth-specific locations correspond to points at 30 m, 20 m, and 10 m depth along each reef slope. The depth-specific locations within each site are located within 50 to 100 m of each other in a line running up the reef slope. Each file contains data for a single site and columns within the file corresponds to each depth-specific station as described below.

General location: Florida Keys, USA

Start date: 01-Jan-2000

End date: 31-Dec-2003

Sample interval: 1 day.

Instrument type: Seabird SBE39

File column 1: dd-mmm-yyyy

File column 2: daily mean bottom temperature at 30 m depth

File column 3: daily mean bottom temperature at 20 m depth

File column 4: daily mean bottom temperature at 10 m depth

File names and site locations:

File	Sitename	Lat (N)	Lon (W)
cf_2000_2003_dailymeantemp.txt	Carysfort Reef	25.218183	80.201783
el_2000_2003_dailymeantemp.txt	Elbow Reef	25.144383	80.251467
cr_2000_2003_dailymeantemp.txt	Conch Reef	24.949200	80.452000
tn_2000_2003_dailymeantemp.txt	Tennessee Reef	24.749017	80.758750