

EXPLORE



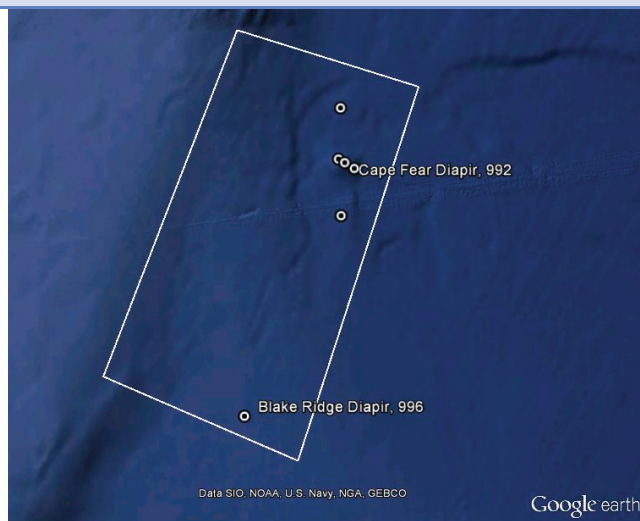
CTD Cast Name	Cruise	CTD Number		Date
	EX1205L1	CTD001		7/12/2012
Expedition Coordinator/ Science Team Lead	Kelley Elliott/Cindy Van Dover			
General Area Descriptor	Blake Ridge			
Site Name	Blake Ridge Diapir			
Type of CTD Operation	<input checked="" type="checkbox"/> Vertical Cast	<input type="checkbox"/> Po-Go		
	<input type="checkbox"/> Tow-Yo	<input type="checkbox"/> Combination		
Target Position	32° 29.453'N			
	76° 11.618'W			
Deployment Time & Location	UTC Time	22:08		
	Latitude	32	°	29.629 ' N
	Longitude	76	°	11.892 ' W
Time & Location At Depth	UTC Time	2246	Target Depth/Range	20 mab (2200m)
	Latitude	32	°	29.639 ' N
	Longitude	76	°	11.453 ' W
Recovery Time & Location	UTC Time	0006	Maximum Depth (m)	1409
	Latitude	32	°	29.603 ' N
	Longitude	76	°	11.495 ' W
CTD Sensor Data Acquired	<input checked="" type="checkbox"/> CTD <u>P 0906 T1 5023 T2 5026 C1 3455 C2 3456</u>			
	<input checked="" type="checkbox"/> ORP <u>07</u> Voltage Channel <u>05</u>			
	<input checked="" type="checkbox"/> LSS <u>12790</u> Voltage Channel <u>02</u> <input checked="" type="checkbox"/> LSS <u>12791</u> Voltage Channel <u>OFF</u>			
	<input checked="" type="checkbox"/> Dissolved Oxygen Voltage Channel <u>04</u> <input checked="" type="checkbox"/> Altimeter Voltage Channel <u>00</u>			
	<input type="checkbox"/> Other (<i>specify</i>) _____ Voltage Channel _____ Voltage Channel _____			
Water Samples Collected?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If Yes, Number of Bottles Tripped: _____			
Sample Processing	Sample Type(s): _____			
	<input type="checkbox"/> Processed on board <input type="checkbox"/> Preserved <input type="checkbox"/> Chemicals _____			
	<input checked="" type="checkbox"/> None <input type="checkbox"/> Room Temp Storage <input type="checkbox"/> -80 Freezer <input type="checkbox"/> -20 Freezer <input type="checkbox"/> Refrigerator			

Data Archival	Tethys FTP site
Equipment Malfunctions	Dissolved oxygen sensor not in line with other sensors – very jagged profile.
Special Notes	Extremely strong current – aborted cast at 1400m to reposition ship and attempt cast closet to target site.
Scientists Involved <i>(name / location / affiliation / email)</i>	Chris German (WHOI), cgerman@whoi.edu Cindy Van Dover (Duke), clv3@duke.edu Laura Brothers (USGS), lbrothers@usgs.gov

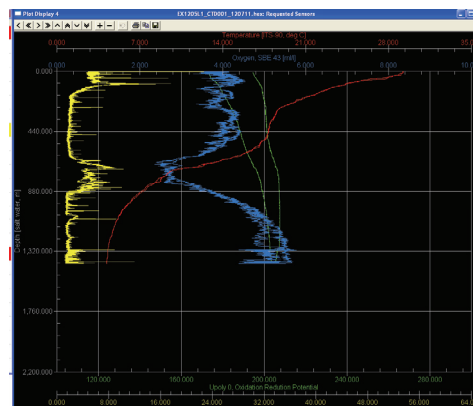
Purpose of the CTD operation: Acquire data over the Cape Fear Diapir

Description of the Data/Results:

Overall Map of CTD Cast Area	Screen Grab of Data
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Overview of Cast site



SeaSave Data Acquisition Screen

Please direct inquiries to:

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