

EXPLORE



CTD Cast Name	Cruise		CTD Number		Date			
	EX1105		CTD04		9/07/2011			
Expedition Coordinator/ Science Team Lead	Mashkooor Malik/Tom Weber							
General Area Descriptor	Northern Gulf of Mexico							
Site Name	Dauphin Dome							
Type of CTD Operation	<input type="checkbox"/> Vertical Cast		<input checked="" type="checkbox"/> Po-Go					
	<input type="checkbox"/> Tow-Yo		<input type="checkbox"/> Combination					
Target Position	28° 37.692'N							
	088° 9.90'W							
Deployment Time & Location	UTC Time	1344						
	Latitude	28	°	38.106	'	N		
	Longitude	88	°	9.631	'	W		
Time & Location At Depth A	UTC Time	1735	Target Depth/Range		20mab/ 1859m			
	Latitude	28	°	38.087	'	N		
	Longitude	88	°	9.644	'	W		
Time & Location At Depth B	UTC Time		Target Depth/Range		20mab/1865m			
	Latitude	28	°	38.354	'	N		
	Longitude	88	°	9.648	'	W		
Time & Location At Depth C	UTC Time	1628	Target Depth/Range		20mab/1846m			
	Latitude	28	°	38.262	'	N		
	Longitude	88	°	9.498	'	W		
Time & Location At Depth D	UTC Time	1921	Target Depth/Range		20mab/1806m			
	Latitude	28	°	38.231	'	N		
	Longitude	88	°	9.646	'	W		
Time & Location	UTC Time	2005	Target Depth/Range		20mab/1848m			

At Depth E	Latitude	28	°	38.230	'	N
	Longitude	88	°	9.804	'	W
Recovery Time & Location	UTC Time	2045		Maximum Depth (m)		1865m
	Latitude	28	°	38.231	'	N
	Longitude	88	°	9.803	'	W
CTD Sensor Data Acquired	<input checked="" type="checkbox"/> CTD <u>P 0905 T1 5001 T2 5017 C1 3449 C2 3451</u>					
	<input checked="" type="checkbox"/> Altimeter Voltage Channel <u>00</u>					
	<input checked="" type="checkbox"/> DO <u>2100</u> Voltage Channel <u>02</u> <input checked="" type="checkbox"/> Wetlabs CDOM <u>2012</u> Voltage Channel <u>06</u>					
	<input checked="" type="checkbox"/> Chelsea Aquatracka <u>10-7779-05</u> Voltage Channel <u>04</u>					
	<input type="checkbox"/> Other (Specify) _____ Voltage Channel <u> </u>					
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 checked="" type="checkbox"/> -20 Freezer <input type="checkbox"/> Refrigerator					
Data Archival	Tethys FTP site					
Equipment Malfunctions	CDOM was moved, data still spiky, not from CTD/Wire/mounting.					
	Ship experienced a loss of power during the cast, but this did not affect the CTD data since mission systems are on UPS. The winch was stopped until the power was restored. The ship had drifted away from the cast site, so it took some additional time to return to the previous station to resume the casts.					
Special Notes	Calibration information for fluorometers not confirmed to be correct, utilized voltages. Need to confirm calibration info before processing if using values other than voltages.					
Scientists Involved <i>(name / location / affiliation / email)</i>	mashkoor.malik@noaa.gov weber@ccom.unh.edu					

Purpose of the CTD operation: Seep exploration.

Description of the Data/Results:

No unusual data throughout water column.

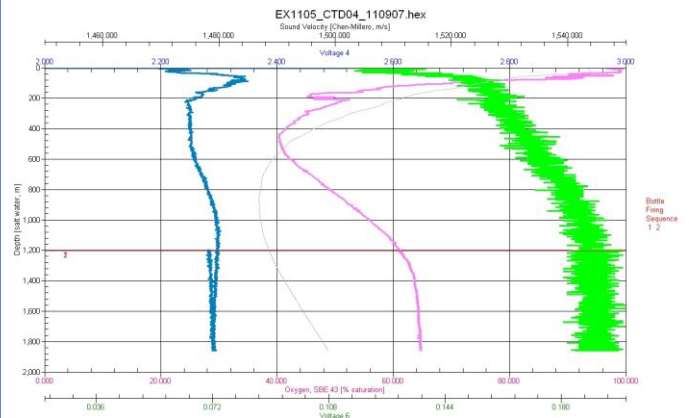
Overall Map of CTD Cast Area



Overview of Cast site

Please direct inquiries to:

Screen Grab of Data



SeaSave Data Acquisition Screen

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