

WBII  
Nov

Weather Bird II November 2<sup>nd</sup> - 8<sup>th</sup>, 2011  
Ocean Acidification Research Cruise

November 2<sup>nd</sup>, 2011

- Departure ~ 11 am
- Two transects in unimpacted area (ST & NT)  
→ out towards shelf & back

1246 Flow-through System turned on  
Setting up Sonde, Aft PH

1255 Aft PH started

1304 Sonde Logging setup & started.  
(fixed time on it)

1310 Surface Sample WBII-001 & WBII-001.50  
Loc N27°34.920 W82°53.516  
Temp 22.03 Sal 34.15

1322 Setting up PH Probe

1337 PH Sample: 8.013  
4<sup>th</sup> set jumping all over

1353 Aft PH seems okay, Value  
near PH Probe

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ST03

1450 CTD Cast<sup>UP</sup> Temp 23.57 Sal 35.35

	Bottle	Area	Depth
WBII-002	7	TOP	13m
003	3	Mid	10m
004	2	Bot	13m

1657 Surface sample WBII-005  
Loc N27°29.969 W83°16.624  
Temp 24.11 Sal 35.88

1704 PH Sample  
Loc N27°29.969 W83°10.624  
Temp 24.11 Sal 35.88  
Integration Time: 41  
pH: 7.9333

1849 Surface Sample WBII-006  
Loc N27°28.330 W83°15.838  
Temp 24.55 Sal 36.13  
Sal 36.28

2033 ST06 Temp 24.63 Sal 36.28  
WBII-007 Bot Depth  
7 Surf

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2100 PH probe Sample  
integration time 47  
→ 8.0329

November 3<sup>rd</sup>, 2011

0502 flow through systems weren't flowing  
turned up the water, seem fine now

0506 Surface Sample WBII-008  
Loc N27° 21.194 W83° 55.081  
Temp 24.66 Sal 36.01

0522 PH probe sample  
integration time 60  
PH: 8.0266

0554 Exported Aft PH data & started  
new data file

ST12  
~640 CTDUP Temp 25.44 Sal 35.77

WBII-009  
010  
011

Bottle	Area	Depth
7	TOP	Surf.
4/5	MID	25m
2	BOT	58m

November 3<sup>rd</sup>, 2011

948 PH probe Sample  
integration time 40  
40 µl no B  
Still Screwed up.

1028 Surface Sample WBII-012  
Loc N27° 18.804 W84° 10.431  
Temp 25.54 Sal 35.81

1432 ST18

1346 CTD down

1356 CTDUP Temp 25.81 Sal 35.88

Bottle	Area	Depth
3	TOP	surf
3	TOP	surf

WBII-013  
013dep  
Cast 2

1447 Surface Sample WBII-002:50  
Loc N27° 12.698 W84° 25.832  
Temp 25.95 Sal 35.59

1646 Surface Sample WBII-014 832  
Loc N27° 12.698 W84° 25.832  
Temp 26.10 Sal 35.57



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2204 PH Probe Sample 25  
Loc 11270 12.698 W 84° 56.560  
Temp 24.97 Sal 36  
PH: 8.0683  
Notes: GPS might be off  
couldn't get 80ul sample results  
above previous

ST24

Temp 24.67 Sal 36.04  
2325 Cast 1 0037 C2

Sample	Cast	Bottle	Area	Depth
WB11-016	1	6	Top	Surf
-017	2	5	Mid	400
-018	2	1	Bot	800
-019	1	4	Top	2.5
-020	1	3	C <sub>max</sub>	50
-021	1	2	C <sub>Bot</sub>	75

November 4<sup>th</sup>, 2011

0630 Science ops, stopped due to  
weather (flow through included)

1230 stopped logging w/ Sonde & Aft.

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November 4<sup>th</sup>, 2011

1800 no break in weather forecast  
heading home  
ETA Noon Saturday  
1430

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