

VESSEL: NOAA RV MILLER FREEMAN PROJECT & LEG: MI # 06-05 STATION DESIGNATION:

CONSC CAST #	LATITUDE	LONGITUDE	DATE JD=	TIME (GMT)	DRY BULB (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE	VISIBILITY	WIND DIRN. (deg)	WIND SPD. (kts)	CLOUD (amt)	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID
0015629.92N	16100.64W	19 APR 06	2317	-3.7			12			221	05			67	

CTD TYPE & SN: 9+ S/N 91220A DATA ON: 2311  
 PRESS SN: 80020 START DOWN: \_\_\_\_\_  
 PRI COND SN: 915 AT DEPTH: 2316  
 PRI TEMP SN: 710 AT SURFACE: 2316  
 SEC COND SN: 884  
 SEC TEMP SN: 304

PAR 4242  
 WET STAR 678  
 Dissolved Oxygen 904  
 Dissolved Oxygen 910  
 Cleaned air bleed valve

CTD CONVERTED MONITOR VALUES

POS.	TRIP DEPTH	PRESSURE	PRI. TEMP.	SEC. TEMP.	PRI. SALINITY	SEC. SALINITY	SALINITY	SAL.	MORDY'S NUTR.	CHL.	WHIT'S NUTR.
1	57							1187			
2											
3											
4											
5											
6											
7											
8											
9											
10											
11											
12											

POS.	TRIP DEPTH	PRESSURE	PRI. TEMP.	SEC. TEMP.	PRI. SALINITY	SEC. SALINITY	SALINITY	SAL.	MORDY'S NUTR.	CHL.	WHIT'S NUTR.
1	57							1187			
2											
3											
4											
5											
6											
7											
8											
9											
10											
11											
12											

REMARKS: CTD PRIOR TO RECOVERY OF O5KC-2A  
 MAX. DEPTH = 58 m

VESSEL NOAA RV MILLER FREEMAN		PROJECT & LEG MF# 06-05		STATION DESIGNATION 05KC-1A									
CONSC CAST #		LATITUDE		LONGITUDE									
0025625		70 N		160 13.77 W									
CTD		TIMES		JD/TIME									
TYPE & SN 9+ S/N 91220A		DATA ON		0308									
PRESS SN 80020		START DOWN		0309									
PRI COND SN 915		AT DEPTH		0310									
PRI TEMP SN 710		AT SURFACE		0312									
SEC COND SN 884													
SEC TEMP SN 304													
		<input checked="" type="checkbox"/> PAR 4242		<input checked="" type="checkbox"/> WETSTAR 678									
		Dissolved Oxygen 904		<input checked="" type="checkbox"/> Dissolved Oxygen 910									
		CTD CONVERTED MONITOR VALUES		Cleaned air bleed valve									
POS.	TRIP DEPTH	PRESSURE	PRI. TEMP.	SEC. TEMP.	PRI. SALINITY	SEC. SALINITY	SALINITY	SAMPLE BOTTLE DATA	SAMPLE BOTTLE NUMBER	SAL.	MORDY'S NUTR.	CHL.	WHIT'S NUTR.
1	20		0.731	0.727	90.525	30.526				00688			
2													
3													
4													
5													
6													
7													
8													
9													
10													
11													
12													

No button push in MOA!

REMARKS  
CTD PRIOR TO RECOVERY OF 05KC-1A  
MAX. DEPTH = 21 m

DATA LOCATION  
Tape/Diskette ID MF-06-05  
File Name/Header CTD 002

TIME (GMT) 0310-2.3  
DRY BULB (°C) .  
WET BULB (°C) .  
PRESSURE (mb) 10  
SEA STATE \*  
VISIBILITY \*  
WIND DIRN. (deg) 061  
WIND SPD. (knts) 01  
CLOUD (amt) \*  
TYPE \*  
WEATHER \*  
BOTTOM DEPTH (m) 216  
STA. NAME/ID



VESSEL		PROJECT & LEG		STATION DESIGNATION											
NOAA RV MILLER FREEMAN		MI # 06-05		SITE 2											
CONSC CAST #	LATITUDE	LONGITUDE	DATE JD =	TIME (GMT)	DRY BULB (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE	VISIBILITY	WIND DIRN (deg)	WIND SPD (knots)	CLOUD (amt)	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID
004	56 52.04 N	164 02.28 W	21 APR 06	030702.2011.094	27.4	09	8			72	SITE 2				
CTD	TIMES		DATA LOCATION		REMARKS										
TYPE & SN	9+ SN 91220A	DATA ON	0300		Tape/Diskette ID		File Name/Header								
PRESS SN	80020	START DOWN	0302		MF-06-05		CTD 004								
PRI COND SN	915	AT DEPTH	0318												
PRI TEMP SN	710	AT SURFACE	0319												
SEC COND SN	884						MAX. DEPTH = 65.5 m								
SEC TEMP SN	304														
POS.	TRIP DEPTH	PAR 4242		WET STAR 678		Dissolved Oxygen 904		Dissolved Oxygen 910		Cleared air bleed valve		CTD CONVERTED MONITOR VALUES			
1	60	DEPTH PRESSURE	PRI. TEMP.	SEC. TEMP.	PRI. SALINITY	SEC. SALINITY	SALINITY	SAL.	MORDY'S NUTR.	CHL.	WHIT'S NUTR.				
2	50	50.9						190							
3	40	41.0													
4	30	31.1													
5	20	21.1													
6	10	10.1													
7	10	10.2													
8	10	10.5													
9	0	1.1													
10															
11															
12															

rolling!





VESSEL: NOAA RV MILLER FREEMAN  
 PROJECT & LEG: MI # 06-05  
 STATION DESIGNATION: Site 4

CONSC CAST #	DEG	MIN	LONGITUDE	DEG	MIN	DATE JD =	DAY	MO	YR	HR	MIN	TIME (GMT)	DRY BULB (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE	VISIBILITY	WIND DIRN. (deg)	WIND SPD. (m/s)	CLOUD (amt)	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID
0107	57	51.68	N	168	53.71	W	29	A	P	06	16	44	-5.8	-6.1	22			340	24	8		71.8	

CTD TYPE & SN: 9+ S/N 91220A  
 PRESS SN: 80020  
 PRI COND SN: 915  
 PRI TEMP SN: 710  
 SEC COND SN: 884  
 SEC TEMP SN: 304  
 TIMES: DATA ON 1638, START DOWN 1639, AT DEPTH 1644, AT SURFACE 1655  
 DATA LOCATION: Tape/Diskette ID MF-06-05, File Name/Header CTD007.dat  
 REMARKS: Site 4 - pre-recovery  
 MAX DEPTH = 66.5 m

PAR 4242  WETSTAR 678  Dissolved Oxygen 904  Dissolved Oxygen 910  Cleaned air bleed valve  
 CTD CONVERTED MONITOR VALUES

POS.	TRIP DEPTH	PRESSURE	PRI. TEMP.	SEC. TEMP.	PRI. SALINITY	SEC. SALINITY	SALINITY	SAL.	MORDY'S NUTR.	CHL.	WHIT'S NUTR.
1	0	1.9						192	43	✓	8201
2	14	14.2							12.5	✓	
3	14	14.2							11.6	✓	
4	14	14.1							10.9	✓	8202
5	15.5	15.4							9.8	✓	8203
6	15.5	15.4							8.9	✓	8204
7	15.5	15.5							7.10	✓	8205
8	20	20.1							6.11	✓	8206
9	30	30.2							5.12	✓	8207
10	40	40.2							4.13	✓	8208
11	50	50.2									
12											

Note: Primary conductivity sensor may be damaged due to sea-accumulation. Be leary of primary cond. sal. (P)















VESSEL		PROJECT & LEG		STATION DESIGNATION											
NOAA RV MILLER FREEMAN		MI # MF06-05		70 M 1508A7H											
CONSC CAST #	LATITUDE	LONGITUDE	DATE JD=	TIME (GMT)	DRY BULB (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE	VISIBILITY	WIND DIRN (deg)	WIND SPD. (m/s)	CLOUD (amt)	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID
015	517 29.917 N	167 58.87 W	301 APR 06	1902	-5.0	-5.5	1014			55	13			7.1	CTD 015
CTD	TIMES		JD/TIME		DATA LOCATION		REMARKS								
TYPE & SN	DATA ON		1855		Tape/Diskette ID		File Name/Header								
PRESS SN	START DOWN		1856		MF-06-05		CTD 015								
PRI COND SN	AT DEPTH		1902												
PRI TEMP SN	AT SURFACE		1908												
SEC COND SN															
SEC TEMP SN															
<input checked="" type="checkbox"/> PAR 4242 <input checked="" type="checkbox"/> WESTAR 678 <input type="checkbox"/> Dissolved Oxygen <input type="checkbox"/> Dissolved Oxygen <input type="checkbox"/> Cleaned air bleed valve															
CTD CONVERTED MONITOR VALUES															
POS.	TRIP DEPTH	PRESSURE	PRI. TEMP.	SEC. TEMP.	PRI. SALINITY	SEC. SALINITY	SAMPLE BOTTLE DATA	SAMPLE BOTTLE NUMBER							
1	60	600.0					Chl. Vd1		SAL.	MORDY's NUTR.	CHL.	WHIT's NUTR.			
2	50	49.9					283		176	72			536		
3	46	40.1					285			74			538		
4	36	36.0					285			75			539		
5	20	20.1					281			76			540		
6	10	10.2					279			77			541		
7	0	1.9					283			78			542		
8															
9															
10															
11															
12															

No diss. O2

MAX. DEPTH = 68 m

VESSEL NOAA RV MILLER FREEMAN		PROJECT & LEG MI # MF 06-05				STATION DESIGNATION 70 m - 156 PATH								
CONSC CAST #	LATITUDE DEG MIN	LONGITUDE DEG MIN	DATE JD= DAY MO YR	TIME (GMT) HR MIN	DRY BULB (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE *	VISIBILITY *	WIND DIRN (deg)	WIND SPD (m/s)	CLOUD (amt) TYPE WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID
016	57 30.02 N	167 40.08 W	301 APR 06	2024	-4.5	-15.2	13			044	10		72	CTD016
CTD	TYPE & SN 9+ S/N 91220A		TIMES DATA ON		DATA LOCATION Tape/Diskette ID MF-06-05		File Name/Header CTD		REMARKS					
	PRESS SN 80020		START DOWN											
	PRI COND SN 915		AT DEPTH											
	PRI TEMP SN 710		AT SURFACE											
	SEC COND SN 884													
	SEC TEMP SN 304													
			<input checked="" type="checkbox"/> PAR 4242	<input checked="" type="checkbox"/> WETSTAR 678	Dissolved Oxygen		Dissolved Oxygen		Dissolved Oxygen		<input type="checkbox"/> Cleaned air bleed valve			
			CTD CONVERTED MONITOR VALUES											
POS.	TRIP DEPTH	PRESSURE	PRI. TEMP.	SEC. TEMP.	PRI. SALINITY	SEC. SALINITY	SALINITY	SAMPLE BOTTLE DATA	SAMPLE BOTTLE NUMBER	MORDY'S NUTR.	CHL.	WHIT'S NUTR.		
1	60								133	✓	283	548		
2	56									✓	285	547		
3	40									✓	285	546		
4	20									✓	281	545		
5	20									✓	279	544		
6	10									✓	283	543		
7	0													
8														
9														
10														
11														
12														

No Diss. O2

63

MAX. DEPTH = 65 m



VESSEL: NOAA RV MILLER FREEMAN PROJECT & LEG: MI # 0605 STATION DESIGNATION: 70 m isobath

CONSC CAST # 018 LATITUDE 57.27.11 N LONGITUDE 167.03. W DATE JD= 01/18/06 TIME (GMT) 0317-3.17-4.010 PRESSURE (mb) 613 WIND DIRN. (deg) 7 WIND SPD. (m/s) 7 CLOUD (amt) TYPE WEATHER BOTTOM DEPTH (m) 7.0 STA. NAME/ID 018

CTD TYPE & SN 9+ S/N 91220A DATA ON 0310 JD/TIME START DOWN 0311 AT DEPTH 0317 AT SURFACE 0321

PRI COND SN 915 SEC COND SN 884 SEC TEMP SN 304

PAR 4242  WETSTAR 678  Dissolved Oxygen  Dissolved Oxygen  Cleaned air bleed valve

POS.	TRIP DEPTH	PRESSURE	PRI. TEMP.	SEC. TEMP.	PRI. SALINITY	SEC. SALINITY	SALINITY	SAL.	MORDY'S NUTR.	CHL.	WHIT'S NUTR.
1	60	60.0						179	V115		557
2	50	50.0							V112	283	558
3	40	40.0							V109	285	559
4	30	30.0							V106	285	560
5	20	20.0							V103	281	561
6	10	10.2							V100	279	562
7	0	1.6							V97	283	563
8											
9											
10											
11											
12											

CTD CONVERTED MONITOR VALUES

SAMPLE BOTTLE DATA

SAMPLE BOTTLE NUMBER

Tape/Diskette ID MF-06-05 File Name/Header CTD

DATA LOCATION

REMARKS

MAX DEPTH = 63 m















VESSEL NOAA RV MILLER FREEMAN		PROJECT & LEG MF06-05				STATION DESIGNATION																									
CONSC CAST #		LATITUDE		LONGITUDE		DATE JD=		TIME (GMT)		DRY BULB (°C)		WET BULB (°C)		PRESSURE (mb)		SEA STATE		VISIBILITY		WIND DIRN. (deg)		WIND SPD. (m/s)		CLOUD (amt)		WEATHER		BOTTOM DEPTH (m)		STA. NAME/ID	
025		57659.97N		16523.44W		01 MAY 06		1205-1.0-2.007		053		22		053		22		053		22		053		22		053		22		053	
CTD		TYPE & SN 9+ S/N 91220A		DATA ON		TIMES		JD/TIME		DATA LOCATION		Tape/Diskette ID		File Name/Header		REMARKS															
PRESS SN		80020		START DOWN						MF-06-05		CTD				@ 20 m/min															
PRI COND SN		915		AT DEPTH																											
PRI TEMP SN		710		AT SURFACE																											
SEC COND SN		884																													
SEC TEMP SN		304																													
POS.		TRIP DEPTH		PRESSURE		PRI. TEMP.		SEC. TEMP.		PRI. SALINITY		SEC. SALINITY		SALINITY		SAL.		MORDY's NUTR.		CHL.		WHIT'S NUTR.									
1		6 0		59.5										173		144						612									
2		5 0		59.7												141						283		611							
3		4 0		40.2												138						283		610							
4		3 0		30.3												135						279		609							
5		2 0		19.8												132						281		608							
6		1 0		10.1												129						285		607							
7		0		1.3												126						285		606							
8																															
9																															
10																															
11																															
12																															

PAR 4242

WETSTAR 678

Dissolved Oxygen

Dissolved Oxygen

Cleaned air bleed valve

CTD CONVERTED MONITOR VALUES

SAMPLE BOTTLE DATA

SAMPLE BOTTLE NUMBER

MAX. DEPTH = 65 m



VESSEL NOAA RV MILLER FREEMAN		PROJECT & LEG MF06-05				STATION DESIGNATION 70m ISO-BATH																									
CONSC CAST #		LATITUDE		LONGITUDE		DATE JD =		TIME (GMT)		DRY BULB (°C)		WET BULB (°C)		PRESSURE (mb)		SEA STATE		VISIBILITY		WIND DIRN (deg)		WIND SPD (m/s)		CLOUD (amt)		TYPE WEATHER		BOTTOM DEPTH (m)		STA. NAME/ID	
027		56.54.60 N		169.50.15 W		01 MAY 06		1453		-0.7		-2.0		1065				2/3		12						71		CTD 027			
CTD		TYPE & SN 9+ S/N 91220A		TIMES		DATA ON		JD/TIME		Tape/Diskette ID		File Name/Header		DATA LOCATION		REMARKS															
PRESS SN 80020				START DOWN		1447				MF-06-05		CTD 027																			
PRI COND SN 915				AT DEPTH		1453																									
PRI TEMP SN 710				AT SURFACE		1500																									
SEC COND SN 884																															
SEC TEMP SN 304																															
POS.		TRIP DEPTH		PRESSURE		PRI. TEMP.		SEC. TEMP.		PRI. SALINITY		SEC. SALINITY		SALINITY		SAMP. BOTTLE DATA		SAMP. BOTTLE NUMBER		MORDY's NUTR.		CHL.		WHIT's NUTR.							
1		6 0		59.9												126		161		159		283		626							
2		5 0		49.9																158		283		624							
3		4 0		40.5																156		279		623							
4		3 0		30.2																155		281		622							
5		2 0		20.0																153		285		621							
6		1 0		19.7																152		285		620							
7		0		1.9																											
8																															
9																															
10																															
11																															
12																															

PAR 4242   
  WETSTAR 678   
  Dissolved Oxygen   
  Dissolved Oxygen   
  Cleaned air bleed valve

No. dir. 02

MAX. DEPTH = 66 m

VESSEL NOAA RV MILLER FREEMAN		PROJECT & LEG MF06-05				STATION DESIGNATION 70m Iso-BAT-4											
CONSC CAST #	LATITUDE	LONGITUDE		DATE JD=		TIME (GMT)	DRY BULB (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE	VISIBILITY	WIND DIRN (deg)	WIND SPD. (m/s)	CLOUD (amt)	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID
0285	650.95 N	164	34.5 W	01	MA	Y 06	1610-0.1	0.4	1195			23	19			73	10028
CTD	TIMES		JD/TIME		DATA LOCATION												
TYPE & SN	9+ S/N 91220A		DATA ON		File Name/Header												
PRESS SN	80020		START DOWN		CTD 028												
PRI COND SN	915		AT DEPTH														
PRI TEMP SN	710		AT SURFACE		MAX. DEPTH = 67 m												
SEC COND SN	884																
SEC TEMP SN	304																
<input checked="" type="checkbox"/> PAR 4242 <input checked="" type="checkbox"/> WETSTAR 678 <input type="checkbox"/> Dissolved Oxygen _____ <input type="checkbox"/> Dissolved Oxygen _____ <input type="checkbox"/> Cleaned air bleed valve																	
CTD CONVERTED MONITOR VALUES																	
POS.	TRIP DEPTH	PRESSURE	PRI. TEMP.	SEC. TEMP.	PRI. SALINITY	SEC. SALINITY	SALINITY	SAMPLE BOTTLE DATA	SAMPLE BOTTLE NUMBER	SAL.	MORDY'S NUTR.	CHL.	WHIT'S NUTR.				
1	6 0	60.6								125	169		633				
2	5 0	50.4									168	283	632				
3	4 0	40.0									167	283	631				
4	3 0	29.8									166	279	630				
5	2 0	19.8															
6	1 0	10.1									164	285	628				
7	0	2.0									162	285	627				
8																	
9																	
10																	
11																	
12																	

No diss. O<sub>2</sub>

REMARKS  
No 20m samples  
- Bottle lost its cap.

VESSEL NOAA RV MILLER FREEMAN		PROJECT & LEG MF06-05				STATION DESIGNATION Tom Iso-Rath																	
CONSC CAST #		LATITUDE		LONGITUDE		DATE JD=		TIME (GMT)		DRY BULB (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE	VISIBILITY	WIND DIRN. (deg)	WIND SPD. (m/s)	CLOUD (amt)	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID			
029	5649.944 N	16418.66 W	01	MA	Y 06	1721	0.0	-0.2	0.4						3722				72	029			
CTD		TIMES		JD/TIME		DATA LOCATION		Tape/Diskette ID		File Name/Header		CTD		REMARKS		MAX. DEPTH = 67 m							
TYPE & SN		9+ S/N 91220A		DATA ON		1713		MF-06-05		CTD 029													
PRESS SN		80020		START DOWN		1715																	
PRI COND SN		915		AT DEPTH		1721																	
PRI TEMP SN		710		AT SURFACE		1726																	
SEC COND SN		884																					
SEC TEMP SN		304																					
POS.		TRIP DEPTH		PRESSURE		PRI. TEMP.		SEC. TEMP.		PRI. SALINITY		SEC. SALINITY		SALINITY		SAL.		MORDY's NUTR.		CHL.		WHIT's NUTR.	
1	60	59.5												124		124		126				646	
2	50	49.5														125		282				639	
3	40	39.7														129		283				638	
4	30	29.4														133		279				637	
5	20	20.2														172		281				636	
6	10	9.7														171		285				635	
7	0	2.0														170		285				634	
8																							
9																							
10																							
11																							
12																							

PAR 4242

WESTAR 678

Dissolved Oxygen

Dissolved Oxygen

Cleaned air bleed valve

CTD CONVERTED MONITOR VALUES

SAMPLE BOTTLE DATA

SAMPLE BOTTLE NUMBER

NONE





VESSEL NOAA RV MILLER FREEMAN		PROJECT & LEG MF06-05				STATION DESIGNATION																									
CONSC CAST #		LATITUDE		LONGITUDE		DATE JD= 121		TIME (GMT)		DRY BULB (°C)		WET BULB (°C)		PRESSURE (mb)		SEA STATE		VISIBILITY		WIND DIRN. (deg)		WIND SPD. (m/s)		CLOUD (amt)		WEATHER		BOTTOM DEPTH (m)		STA. NAME/ID	
0325656.38N		16349.91W		01 MAY 06		2130		0.5		0.203		0951R																			
CTD		TIMES		JD/TIME		DATA LOCATION		REMARKS																							
TYPE & SN		9+ S/N 91220A		DATA ON		Tape/Diskette ID		File Name/Header																							
PRESS SN		80020		START DOWN		MF-06-05		CTD 03a																							
PRI COND SN		915		AT DEPTH																											
PRI TEMP SN		710		AT SURFACE																											
SEC COND SN		884																													
SEC TEMP SN		304																													
POS.		TRIP DEPTH		PRESSURE		PRI. TEMP.		SEC. TEMP.		PRI. SALINITY		SEC. SALINITY		SALINITY		SAMP. BOTTLE DATA		SAMP. BOTTLE NUMBER		MORRY'S NUTR.		CHL.		WHIT'S NUTR.							
1		6 0														121						283									
2		5 0																				283									
3		4 0																				279									
4		3 0																				281									
5		2 0																				285									
6		1 0																				285									
7		0																				285									
8																															
9																															
10																															
11																															
12																															

PAR 4242

METSTAR 678

Dissolved Oxygen

Dissolved Oxygen

Cleaned air bleed valve

62 w/s  
MAX. DEPTH = 64 m

VESSEL NOAA RV MILLER FREEMAN		PROJECT & LEG MF06-05				STATION DESIGNATION																									
CONSC CAST #		LATITUDE		LONGITUDE		DATE JD= 121		TIME (GMT)		DRY BULB (°C)		WET BULB (°C)		PRESSURE (mb)		SEA STATE		VISIBILITY		WIND DIRN. (deg)		WIND SPD. (m/s)		CLOUD (amt)		WEATHER		BOTTOM DEPTH (m)		STA. NAME/ID	
0335652	08 N	164	02	18 W	01	MA	Y 06	2235	0.7	0.1	03	031	24																		
CTD		TIMES		JD/TIME		DATA LOCATION		REMARKS		Tape/Diskette ID		File Name/Header		MAX. DEPTH =																	
TYPE & SN		9+ S/N 91220A		DATA ON						MF-06-05		CTD 033																			
PRESS SN		80020		START DOWN																											
PRI COND SN		915		AT DEPTH																											
PRI TEMP SN		710		AT SURFACE																											
SEC COND SN		884																													
SEC TEMP SN		304																													
POS. TRIP DEPTH		PRESSURE		PRI. TEMP.		SEC. TEMP.		PRI. SALINITY		SEC. SALINITY		SALINITY		SAL. DATA		SAMPLE BOTTLE DATA		SAMPLE BOTTLE NUMBER		MORDY'S NUTR.		CHL.		WHIT'S NUTR.							
1	6 0																			131		✓		654							
2	5 0																			✓		283		653							
3	4 0																			✓		283		652							
4	3 0																			✓		279		651							
5	2 0																			✓		281		650							
6	1 0																			✓		285		649							
7	0																			✓		285		648							
8																															
9																															
10																															
11																															
12																															

PAR 4242

METSTAR 678

Dissolved Oxygen

Dissolved Oxygen

Cleaned air bleed valve

CTD CONVERTED MONITOR VALUES

SAMPLE BOTTLE DATA

SAMPLE BOTTLE NUMBER

DATA LOCATION

REMARKS

Tape/Diskette ID

File Name/Header

MAX. DEPTH = m

VESSEL NOAA RV MILLER FREEMAN		PROJECT & LEG MF06-05				STATION DESIGNATION																									
CONSC CAST #		LATITUDE		LONGITUDE		DATE JD = 122		TIME (GMT)		DRY BULB (°C)		WET BULB (°C)		PRESSURE (mb)		SEA STATE		VISIBILITY		WIND DIRN. (deg)		WIND SPD. (m/s)		CLOUD (amt)		WEATHER		BOTTOM DEPTH (m)		STA. NAME/ID	
034	5639.91N	16352.19W	02	MAY	06	0103	0.9	0.1	02	029	23																				
CTD		TIMES		JD/TIME		DATA LOCATION		REMARKS																							
TYPE & SN		9+ S/N 91220A		DATA ON		Tape/Diskette ID		File Name/Header																							
PRESS SN		80020		START DOWN		MF-06-05		CTD																							
PRI COND SN		915		AT DEPTH																											
PRI TEMP SN		710		AT SURFACE																											
SEC COND SN		884																													
SEC TEMP SN		304																													
POS.		TRIP DEPTH		PRESSURE		PRI. TEMP.		SEC. TEMP.		PRI. SALINITY		SEC. SALINITY		SALINITY		SAMP. BOTTLE DATA		SAMP. BOTTLE NUMBER		MORDY'S NUTR.		CHL.		WHIT'S NUTR.							
1	6 0																			✓		283									
2	5 0																			✓		283									
3	4 0																			✓		279									
4	3 0																			✓		281									
5	2 0																			✓		285									
6	1 0																			✓		285									
7	0																														
8																															
9																															
10																															
11																															
12																															

PAR 4242    
  METSTAR 678    
  Dissolved Oxygen    
  Dissolved Oxygen

CTD CONVERTED MONITOR VALUES    
  CTD CONVERTED MONITOR VALUES    
  Cleaned air bleed valve

666 w/o

MAX. DEPTH = 68 m

#130 S&D bottle did not have fluid already in it. Did not use.



VESSEL NOAA RV MILLER FREEMAN		PROJECT & LEG MF# 06-05				STATION DESIGNATION Post Deploy 26 AMP-4/A																									
CONSC CAST #		LATITUDE		LONGITUDE		DATE JD=		TIME (GMT)		DRY BULB (°C)		WET BULB (°C)		PRESSURE (mb)		SEA STATE		VISIBILITY		WIND DIRN (deg)		WIND SPD (kts)		CLOUD (amt)		WEATHER		BOTTOM DEPTH (m)		STA. NAME/ID	
036		52 22.73 N		172 07.15 W		04 MAR 06		21 13		04.503		03.880						20020				368		AMP4A							
CTD		TYPE & SN		DATA ON		JD/TIME		Tape/Diskette ID		File Name/Header		DATA LOCATION		REMARKS		MAX. DEPTH =		m													
		9+ S/N 91220A		2159				MF-06-05		CTD 036				Post deployment CTD		339		m													
PRESS SN		80020		START DOWN																											
PRI COND SN		915		AT DEPTH		0213																									
PRI TEMP SN		710		AT SURFACE																											
SEC COND SN		884																													
SEC TEMP SN		304																													
POS. TRIP DEPTH		PRESSURE		PRI. TEMP.		SEC. TEMP.		PRI. SALINITY		SEC. SALINITY		SALINITY		SAMP. BOTTLE DATA		SAMP. BOTTLE NUMBER		SAL.		MORDY'S NUTR.		CHL.		WHIT'S NUTR.							
1 359																		137													
2																															
3																															
4																															
5																															
6																															
7																															
8																															
9																															
10																															
11																															
12																															

PAR 4242  
 WETSTAR 678  
 Dissolved Oxygen  
 Dissolved Oxygen  
 Cleaned air bleed valve

CTD CONVERTED MONITOR VALUES

NONE

REMARKS  
 Post deployment  
 CTD  
 MAX. DEPTH = 339 m



VESSEL NOAA RV MILLER FREEMAN		PROJECT & LEG MF06-05				STATION DESIGNATION 06 AMP-2A								
CONSC CAST #	LATITUDE	LONGITUDE	DATE JD=	TIME (GMT)	DRY BULB (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE *	VISIBILITY *	WIND DIRN. (deg)	WIND SPD. (knots)	CLOUD (amt) TYPE WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID
038	52 24.39 N	171 40.55 W	05 MAY 06	00511	4.9	04.5	810			325	19		415	AMP 2A
CTD		TIMES		DATA LOCATION		REMARKS								
TYPE & SN		DATA ON		JD/TIME		Tape/Diskette ID		File Name/Header						
PRESS SN		START DOWN		0035		MF-06-05		CTD 038						
PRI COND SN		AT DEPTH		0051										
PRI TEMP SN		AT SURFACE						MAX. DEPTH = 407 m						
SEC COND SN														
SEC TEMP SN														
		<input checked="" type="checkbox"/> PAR 4242		<input checked="" type="checkbox"/> WETSTAR 678		Dissolved Oxygen		Dissolved Oxygen				<input type="checkbox"/> Cleaned air bleed valve		
				CTD CONVERTED MONITOR VALUES								SAMPLE BOTTLE DATA		
POS.	TRIP DEPTH	PRESSURE		PRI. TEMP.	SEC. TEMP.	PRI. SALINITY	SEC. SALINITY	SALINITY		SAL.	MORDY'S NUTR.	CHL.	WHIT'S NUTR.	
1	467 60									0127				
2	50													
3	40													
4	30													
5	20													
6	10													
7	0													
8														
9														
10														
11														
12														

VESSEL: NOAA RV MILLER FREEMAN  
 PROJECT & LEG: MF06-05  
 STATION DESIGNATION: 06 AMP-1A

CONSC CAST # 039  
 DEG 52 25.56 N  
 LONGITUDE DEG 171 26.28 W  
 DATE JD= 05 MAY 06  
 TIME (GMT) 0212  
 DRY BULB (°C) 4.7  
 WET BULB (°C) 5.5  
 PRESSURE (mb) 80  
 SEA STATE \*  
 VISIBILITY \*  
 WIND DIRN (deg) 085  
 WIND SPD. (knts) 20  
 CLOUD (amt) \*  
 WEATHER \*  
 BOTTOM DEPTH (m) 387  
 STA. NAME/ID AMP-1A

CTD TYPE & SN 9+ S/N 91220A  
 DATA ON 0157  
 JD/TIME 0157  
 PRESS SN 80020  
 START DOWN 0158  
 PRI COND SN 915  
 AT DEPTH 0212  
 PRI TEMP SN 710  
 AT SURFACE  
 SEC COND SN 884  
 SEC TEMP SN 304  
 MAX. DEPTH = 375 m

PAR 4242  METSTAR 678  Dissolved Oxygen 904  
 Dissolved Oxygen 910  
 CTD CONVERTED MONITOR VALUES  
 Cleaned air bleed valve

POS.	TRIP DEPTH	PRESSURE	PRI. TEMP.	SEC. TEMP.	PRI. SALINITY	SEC. SALINITY	SALINITY	SAMP. BOTTLE DATA	SAMP. BOTTLE NUMBER	MORDY'S NUTR.	CHL.	WHIT'S NUTR.
1	375	60								133		
2	50											
3	40											
4	30											
5	20											
6	10											
7	0											
8												
9												
10												
11												
12												

Note: Wire out at depth ~ 450m. Wire angle aft. 75m difference !!

REMARKS: Post deployment

VESSEL: NOAA RV MILLER FREEMAN PROJECT & LEG: MF06-05 STATION DESIGNATION:

CONSC CAST #	DEG	MIN	LONGITUDE	DEG	MIN	DATE	JD=	TIME (GMT)	DRY BULB (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE	VISIBILITY	WIND DIRN. (deg)	WIND SPD. (kts)	CLOUD (amt)	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID	
046	S	22	6.1	W	12	05	MA	06	02	55	4.5			80	08	32			159	

CTD TYPE & SN: 9+ S/N 91220A DATA ON: \_\_\_\_\_ JD/TIME: \_\_\_\_\_

PRESS SN: 80020 START DOWN: \_\_\_\_\_ DATA LOCATION: Tape/Diskette ID: MF-06-05 File Name/Header: CTD 040

PRI COND SN: 915 AT DEPTH: 255

PRI TEMP SN: 710 AT SURFACE

SEC COND SN: 884

SEC TEMP SN: 304

PAR 4242  WETSTAR 678  Dissolved Oxygen \_\_\_\_\_  Dissolved Oxygen \_\_\_\_\_  Cleaned air bleed valve

CTD CONVERTED MONITOR VALUES

POS.	TRIP DEPTH	PRESSURE	PRI. TEMP.	SEC. TEMP.	PRI. SALINITY	SEC. SALINITY	SALINITY	SAL.	MORDY'S NUTR.	CHL.	WHIT'S NUTR.
1	160	60									
2	50										
3	40										
4	30										
5	20										
6	10										
7	0										
8											
9											
10											
11											
12											

Ship drifted to shallower than target 200m

Remarks: Anomalous Pass ~ 200m