

VESSEL		PROJ. & LEG		FOCI Moorings/Physical Oceanography				STA. DESIGNATION																						
NOAAS MILLER FREEMAN		MF96-14																												
CONSC CAST #	LATITUDE		LONGITUDE		DATE JD=261		TIME (GMT)	DRY BULB	WET BULB	Pressure mbars	SEA STATE	WIND DIR.	WIND SP	CLOUD (amt)	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID													
	DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN																					
00	25	51.19	N	168	51.8	2	W	17	S	E	P	9	6	21	19	3.9	2.7	09	58	33	03	5	68	8	7	2				
CTD		TIMES		JD/TIME		DATA LOCATION												REMARKS												
TYPE & SN 911+, 91660		DATA ON				Tape/Diskette ID				File Name/Header																				
PRESS SN 91660		START DOWN								CTD002																				
PRI TEMP SN 889		AT DEPTH																												
COND SN 480		AT SURFACE																												
SEC TEMP SN 701		<input checked="" type="checkbox"/> PAR		<input checked="" type="checkbox"/> FLUOR		<input checked="" type="checkbox"/> CHLAM		<input type="checkbox"/> TAP56		<input type="checkbox"/> TAP54																				
POS. TRIP DEPTH		CTD CONVERTED MONITOR VALUES																												
		PRESSURE	PRI. TEMP.	SEC. TEMP.	SALINITY	SAMPLE BOTTLE DATA		SAMPLE BOTTLE NUMBER		SAL. NUTRIENT		OTHER																		
1	63	62.987	4.345	4.349	31.879	31.889																								
2																														
3																														
4																														
5																														
6																														
7																														
8																														
9																														
10																														
11																														
12																														

[illegible]

VESSEL		PROJ. & LEG		FOCI Moorings/Physical Oceanography				STA. DESIGNATION									
NOAAS MILLER FREEMAN		MF96-14															
CONSC CAST #	LATITUDE		LONGITUDE		DATE JD=262		TIME (GMT)	DRY BULB	WET BULB	Pressure mbars	SEA STATE	WIND DIR.	WIN SP	CLOUD (amt)	TYPE WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID
	DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN								
05456	23.47	N	16523.34	W	18	SEP	1996	11	09	5.7	3.3	1467310	30	38	1	86	4
CTD		TIMES		JD/TIME		DATA LOCATION		REMARKS									
TYPE & SN 911+, 91660		DATA ON				Tape/Diskette ID		File Name/Header									
PRESS SN 91660		START DOWN						CTD 004.cru		SD = 80							
PRI TEMP SN 889		AT DEPTH															
COND SN 480		AT SURFACE															
SEC TEMP SN 701		<input checked="" type="checkbox"/> PAR		<input checked="" type="checkbox"/> FLUOR		<input checked="" type="checkbox"/> CHLAM		<input type="checkbox"/> TAPS6		<input type="checkbox"/> TAPS4							
POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES															
		PRESSURE	PRI. TEMP.	SEC. TEMP.	SALINITY	SAMPLE BOTTLE DATA		SAMPLE BOTTLE 26									
1	78	77.943	2.941	2.764	31.897	31.910											
2																	
3																	
4																	
5																	
6																	
7																	
8																	
9																	
10																	
11																	
12																	

[illegible]

VESSEL		PROJ. & LEG		FOCI Moorings/Physical Oceanography				STA. DESIGNATION							
NOAAS MILLER FREEMAN		MF96-14													
CONSC CAST #	LATITUDE	LONGITUDE	DATE JD=	TIME (GMT)	DRY BULB	WET BULB	Pressure mbars	SEA STATE	WIND DIR.	WIN SP	CLOUD (amt)	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID	
	DEG MIN	DEG MIN	DAY MO YR	HR MIN			13.9	3							
0065637.92	N	16436.45	W 18 SEP 96	16245	5.0	2.5	14.68	29	031	1	61		76.5	6	
CTD		TIMES		JD/TIME		DATA LOCATION				REMARKS					
TYPE & SN 911+, 91660		DATA ON				Tape/Diskette ID				File Name/Header					
PRESS SN 91660		START DOWN								CTD006					
PRI TEMP SN 889		AT DEPTH													
COND SN 480		AT SURFACE													
SEC TEMP SN 701		<input checked="" type="checkbox"/> PAR <input checked="" type="checkbox"/> FLOR <input checked="" type="checkbox"/> CHAM <input type="checkbox"/> TAPS6 <input type="checkbox"/> TAPS4													
CTD CONVERTED MONITOR VALUES															
POS.	TRIP DEPTH	PRESSURE				PRI. TEMP.		SEC. TEMP.		SALINITY		SAMPLE BOTTLE DATA		SAMPLE BOTTLE NUMBER	
1	68	68.256				2.212		2.216		31.675		31.689		3	
2															
3															
4															
5															
6															
7															
8															
9															
10															
11															
12															

VESSEL		PROJ. & LEG		FOCI Moorings/Physical Oceanography				STA. DESIGNATION												
NOAAS MILLER FREEMAN		MF96-14																		
CONSC CAST #	LATITUDE		LONGITUDE		DATE JD=		TIME (GMT)	DRY BULB	WET BULB	Pressure mbar	SEA STATE	WIND DIR.	WIND SP	CLOUD (amt)	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID			
	DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN											
003	56	52.36	N	164	02.52	W	18	S	E	P	96	19	41	5.9	3.8	1468310	27561	72	7	
CTD		TIMES		JD/TIME		DATA LOCATION												REMARKS		
TYPE & SN 911+, 91660		DATA ON				Tape/Diskette ID		File Name/Header										CTD @ F-96BSM-2		
PRESS SN 91660		START DOWN		1940																
PRI TEMP SN 889		AT DEPTH		1940																
COND SN 480		AT SURFACE																MD-69		
SEC TEMP SN 701		<input checked="" type="checkbox"/> PAR		<input checked="" type="checkbox"/> FLOR		<input checked="" type="checkbox"/> CHAM		<input type="checkbox"/> TAP6		<input type="checkbox"/> TAP4										
POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES														SAMPLE BOTTLE DATA		SAMPLE BOTTLE NUMBER		
		PRESSURE	PRI. TEMP.	SEC. TEMP.	SALINITY	SALINITY										SAL.	NUTRIENT	OTHER		
1	64	64.226	2.194	2.198	31.722	31.737														
2																				
3																				
4																				
5																				
6																				
7																				
8																				
9																				
10																				
11																				
12																				

VESSEL		NOAAS MILLER FREEMAN		PROJ. & LEG		MIF96-14		FOCI Moorings/Physical Oceanography		STA. DESIGNATION	
CONSC CAST #		LATITUDE		LONGITUDE		DATE JD=263		TIME (GMT)		DRY BULB	
DEG MIN		DEG MIN		DAY MO YR		HR MIN		WET BULB		Pressure mbars	
00856		52.59		N16.402.60		W19 SEP 96		0634		6.1	
								SEA STATE		VIS.	
								WIND DIR.		WIND SP	
								CLOUD (amt)		TYPE	
								WEATHER		BOTTOM DEPTH (m)	
										STA. NAME/ID	
										73	
										8	
CTD		TIMES		JD/TIME		DATA LOCATION		REMARKS			
TYPE & SN 911+, 91660		DATA ON				Tape/Diskette ID		File Name/Header			
PRESS SN 91660		START DOWN		0300				CTD008			
PRI TEMP SN 889		AT DEPTH									
COND SN 480		AT SURFACE									
SEC TEMP SN 701		<input checked="" type="checkbox"/> PAR		<input checked="" type="checkbox"/> FLUOR		<input checked="" type="checkbox"/> CHAM		<input type="checkbox"/> TAP66		<input type="checkbox"/> TAP64	
POS. TRIP DEPTH		PRESSURE		PRI. TEMP.		SEC. TEMP.		SALINITY		SAMPLE BOTTLE DATA	
1 65		65.413		2.116		2.120		31.724		31.738	
2											
3											
4											
5											
6											
7											
8											
9											
10											
11											
12											

CTD after deployment
of F-9655a-C

MD = 607

VESSEL		PROJ. & LEG		FOCI Moorings/Physical Oceanography										STA. DESIGNATION			
NOAAS MILLER FREEMAN		MF96-14															
CONSC CAST #	LATITUDE		LONGITUDE		DATE JD=2163		TIME (GMT)	DRY BULB	WET BULB	Pressure mbars	SEA STATE	WIND DIR.	WIND SP	CLOUD (amt)	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID
	DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN	*							
0095603.53N		16620.32W		19	SEP	1996	1737			25						126	9
CTD		TIMES		JD/TIME		DATA LOCATION										REMARKS	
TYPE & SN 911+, 91660		DATA ON				Tape/Diskette ID										File Name/Header	
PRESS SN 91660		START DOWN														CTD009	
PRI TEMP SN 889		AT DEPTH		0536													
COND SN 480		AT SURFACE														MD=114	
SEC TEMP SN 701		<input checked="" type="checkbox"/> PAR		<input checked="" type="checkbox"/> FLUOR		<input checked="" type="checkbox"/> CHAM		<input type="checkbox"/> TAPS6		<input type="checkbox"/> TAPS4							
CTD CONVERTED MONITOR VALUES																	
POS.	TRIP DEPTH	PRESSURE		PRI. TEMP.	SEC. TEMP.	SALINITY	SAMPLE BOTTLE DATA		SALINITY		SAL.	NUTRIENT	OTHER		SAMPLE BOTTLE NUMBER		
1	113	113,214		5.096	5.100	32.707	32.717		32.717		4						
2																	
3																	
4																	
5																	
6																	
7																	
8																	
9																	
10																	
11																	
12																	

BSM3
*NO WEATHER DATA
WAS RECORDED

VESSEL NOAAS MILLER FREEMAN		PROJ. & LEG MF96-14		FOCI Moorings/Physical Oceanography										STA. DESIGNATION															
CONSC CAST #		LATITUDE		LONGITUDE		DATE JD=2165		TIME (GMT)		DRY BULB		WET BULB		Pressure mbars		SEA STATE		WIND DIR.		WIND SP		CLOUD (amt)		WEATHER		BOTTOM DEPTH (m)		STA. NAME/ID	
DEG MIN		DEG MIN		DEG MIN		DAY MO YR		HR MIN																					
0105155.01		N		17329.89		W		21 SEP 96		0647		9.2		8.9		3437		2.5		5503		872		123		010			
CTD		TIMES		JD/TIME		DATA LOCATION		REMARKS																					
TYPE & SN 911+, 91660		DATA ON				Tape/Diskette ID		File Name/Header																					
PRESS SN 91660		START DOWN						CTD010																					
PRI TEMP SN 889		AT DEPTH																											
COND SN 480		AT SURFACE																											
SEC TEMP SN 701		<input type="checkbox"/> PAR		<input type="checkbox"/> FLUOR		<input type="checkbox"/> CHLAM		<input type="checkbox"/> TAP6		<input type="checkbox"/> TAP4																			
POS. TRIP DEPTH		PRESSURE		PRI TEMP.		SEC TEMP.		SALINITY		SAMPLE BOTTLE DATA		SALINITY		SAL.		NUTRIENT		OTHER											
1		117.557		5.6219		5.6231		33.2088		33.216		29																	
2																													
3																													
4																													
5																													
6																													
7																													
8																													
9																													
10																													
11																													
12																													

NO PAR EL CH1
MD = 118.40
WESTERNMOST OF THE
TWO CTD LINES SOUTH
OF AMUKTA PASS (N → S)

[illegible]

[illegible]

VESSEL		PROJ. & LEG		FOCI Moorings/Physical Oceanography						STA. DESIGNATION						
NOAAS MILLER FREEMAN		MF96-14														
CONSC CAST #	LATITUDE	LONGITUDE	DATE JD=	TIME (GMT)	DRY BULB	WET BULB	Pressure mbars	SEA STATE	VIS.	WIND DIR.	WIN SP	CLOUD (amt)	TYPE WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID	
#	DEG MIN	DEG MIN	DAY MO YR	HR MIN												
415	5129.11N	17332.04W	21 SEP 96	1750	10.3	9.1	33	28	26	01	11	66	23	977	15	
CTD		TIMES	JD/TIME	DATA LOCATION												
TYPE & SN 911+, 91660		DATA ON		Tape/Diskette ID File Name/Header												
PRESS SN 91660		START DOWN		CTD 015												
PRI TEMP SN 889		AT DEPTH														
COND SN 480		AT SURFACE														
SEC TEMP SN 701		<input type="checkbox"/> PAR	<input type="checkbox"/> FLOR	<input type="checkbox"/> CHAM	<input type="checkbox"/> TAPS6	<input type="checkbox"/> TAPS4										
POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES										SAMPLE BOTTLE DATA		SAMPLE BOTTLE NUMBER		
	PRESSURE	PRI. TEMP.	SEC. TEMP.	SALINITY	SALINITY		SAL.	NUTRIENT	OTHER							
1	2274	2274.657	1.629	1.633	34.639	34.644	34									
2																
3																
4																
5																
6																
7																
8																
9																
10																
11																
12																

CONSC CAST #	LATITUDE		LONGITUDE		DATE JD=		TIME (GMT)		DRY BULB	WET BULB	Pressure mbars	SEA STATE	WIND DIR.	WIND SP	CLOUD (amt)	TYPE WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID			
	DEG	MIN	DEG	MIN	DAY	MO	YR	HR											MIN		
017	51	01.47	N	17	33	2.67	W	2	2	9	6	01	27	11.4	9.1	29	28	24	01	2	17
CTD																					
TYPE & SN 911+, 91660																					
PRESS SN 91660																					
PRI TEMP SN 889																					
COND SN 480																					
SEC TEMP SN 701																					
<input type="checkbox"/> PAR <input type="checkbox"/> FLOR <input type="checkbox"/> CHAM <input type="checkbox"/> TAPS6 <input type="checkbox"/> FPS4																					
CTD CONVERTED MONITOR VALUES																					
POS.	TRIP DEPTH	PRESSURE										PRI TEMP.	SEC TEMP.	SALINITY		SAMPLE BOTTLE DATA		SAMPLE BOTTLE NUMBER			
1		2341.845										1.6083	1.6126	34.6412		34.647		26			
2																					
3																					
4																					
5																					
6																					
7																					
8																					
9																					
10																					
11																					
12																					

VESSEL NOAAS MILLER FREEMAN		PROJ. & LEG MF96-14		FOCI Moorings/Physical Oceanography				STA. DESIGNATION					
CONSC CAST #	LATITUDE DEG MIN	LONGITUDE DEG MIN	DATE JD=266 DAY MO YR	TIME (GMT) HR MIN	DRY BULB	WET BULB	Pressure mbars	SEA STATE VIS.	WIND DIR. SP	CLOUD (amt) TYPE	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID
0185042.777 N		17330.22 W	22 SEP 96	051810.7	8.22	26.18	22.22	6	8623945	18			
CTD		TIMES		JD/TIME		DATA LOCATION		REMARKS					
TYPE & SN 911+, 91660		DATA ON		266/0413		Tape/Diskette ID		File Name/Header					
PRESS SN 91660		START DOWN		0413				CTD018					
PRI TEMP SN 889		AT DEPTH		0517									
COND SN 480		AT SURFACE											
SEC TEMP SN 701		<input type="checkbox"/> PAR		<input type="checkbox"/> FLUOR		<input type="checkbox"/> CHAM		<input type="checkbox"/> TAP6		<input type="checkbox"/> TAP4			
CTD CONVERTED MONITOR VALUES													
POS.	TRIP DEPTH	PRESSURE	PRI. TEMP.	SEC. TEMP.	SALINITY	SAMPLE BOTTLE DATA		SAMPLE BOTTLE NUMBER					
1		2363.319	1.6198	1.6239	34.6413	34.6413		18					
2													
3													
4													
5													
6													
7													
8													
9													
10													
11													
12													

VESSEL		PROJ. & LEG						FOCI Moorings/Physical Oceanography								STA. DESIGNATION			
NOAAS MILLER FREEMAN		MF96-14																	
CONSC CAST #	LATITUDE	LONGITUDE		DATE JD=2606		TIME (GMT)		DRY BULB	WET BULB	Pressure mbars	SEA STATE	WIND DIR.	WIN SP	CLOUD (amt)	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID		
	DEG MIN	DEG MIN	DAY MO YR	HR MIN															
0195114.40N	17005.24W	22SEP96	1720	09.12	7.02	2028	220	87	42	9							19		
CTD		TIMES		JD/TIME		DATA LOCATION				REMARKS									
TYPE & SN 911+, 91660		DATA ON				Tape/Diskette ID File Name/Header													
PRESS SN 91660		START DOWN				CTD019													
PRI TEMP SN 889		AT DEPTH																	
COND SN 480		AT SURFACE																	
SEC TEMP SN 701		<input type="checkbox"/> PAR		<input type="checkbox"/> FLOR		<input type="checkbox"/> CHAM		<input type="checkbox"/> TAP56		<input type="checkbox"/> TAP54									
		CTD CONVERTED MONITOR VALUES																	
POS.	TRIP DEPTH	PRESSURE	PRI. TEMP.	SEC. TEMP.	SALINITY	SAMPLE BOTTLE DATA		SAMPLE BOTTLE NUMBER											
1		2736.214	1.6521	1.6515	34.6311	34.642		27											
2																			
3																			
4																			
5																			
6																			
7																			
8																			
9																			
10																			
11																			
12																			

[illegible]

VESSEL		PROJ. & LEG		FOCI Moorings/Physical Oceanography										STA. DESIGNATION																			
NOAAS MILLER FREEMAN		MF96-14																															
CONSC CAST #	LATITUDE		LONGITUDE		DATE JD=		TIME (GMT)		DRY BULB		WET BULB		Pressure mbars		SEA STATE		WIND DIR.		WIND SP		CLOUD (amt)		TYPE WEATHER		BOTTOM DEPTH (m)		STA. NAME/ID						
	DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN																								
023520	41.61	N	17026.31	W	23	SEP	96	06	42	8.0	6.8	1638	04523	86	228	79																	
CTD		TIMES		JD/TIME		DATA LOCATION										REMARKS																	
TYPE & SN 911+, 91660		DATA ON		0535		Tape/Diskette ID										File Name/Header																	
PRESS SN 91660		START DOWN														CTD013																	
PRI TEMP SN 889		AT DEPTH																															
COND SN 480		AT SURFACE																															
SEC TEMP SN 701		<input type="checkbox"/> PAR		<input type="checkbox"/> FLUOR		<input type="checkbox"/> CHLOR		<input type="checkbox"/> TAP56		<input type="checkbox"/> TAP54																							
POS.		TRIP DEPTH		CTD CONVERTED MONITOR VALUES										SAMPLE BOTTLE DATA										SAMPLE BOTTLE NUMBER									
		PRESSURE		PRI. TEMP.		SEC. TEMP.		SALINITY												SAL. NUTRIENT OTHER													
1		2658.019		1.6650		1.6192		34.6311												34.633													
2																																	
3																																	
4																																	
5																																	
6																																	
7																																	
8																																	
9																																	
10																																	
11																																	
12																																	

[illegible]

VESSEL		PROJ. & LEG		FOCI Moorings/Physical Oceanography										STA. DESIGNATION		
NOAAS MILLER FREEMAN		MF96-14														
CONSC CAST #	LATITUDE	LONGITUDE	DATE	JD=2007	TIME (GMT)	DRY BULB	WET BULB	Pressure mbars	SEA STATE	WIND DIR.	WIND SP	CLOUD (amt)	TYPE	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID
0255219.83N	17232.08W	23SEP96	1042	7.1	5.8	16	47	55	28	66	2	66	2	51	3	85
CTD	TIMES		JD/TIME		DATA LOCATION											
TYPE & SN 911+, 91660	DATA ON				Tape/Diskette ID File Name/Header											
PRESS SN 91660	START DOWN															
PRI TEMP SN 889	AT DEPTH															
COND SN 480	AT SURFACE															
SEC TEMP SN 701	<input type="checkbox"/> PAR		<input type="checkbox"/> FLOR		<input type="checkbox"/> CHAM		<input type="checkbox"/> TAP56		<input type="checkbox"/> TAP54							
CTD CONVERTED MONITOR VALUES																
POS.	TRIP DEPTH	PRESSURE	PRI. TEMP.	SEC. TEMP.	SALINITY	SAMPLE BOTTLE DATA				SAMPLE BOTTLE NUMBER						
1	499	498.555	3.3644	3.3647	34.2131	34.213				11						
2																
3																
4																
5																
6																
7																
8																
9																
10																
11																
12																

MD=499

CONSC #		LATITUDE		LONGITUDE		DATE JD=2007		TIME (GMT)		DRY BULB		WET BULB		Pressure mbars		SEA STATE		WIND DIR.		WIND SP		CLOUD (amt)		WEATHER		BOTTOM DEPTH (m)		STA. NAME/ID								
	DEG	MIN		DEG	MIN	DAY	MO	YR	HR	MIN																										
02	52	28	N	17	43	4	08	W	23	S	E	P	9	6	1	2	12	7	10	4	8	9	6	4	7	5	4	2	3	6	6	2	2	9	0	06
CTD				TIMES		JD/TIME																														
TYPE & SN 911+, 91660				DATA ON																																
PRESS SN 91660				START DOWN																																
PRI TEMP SN 889				AT DEPTH																																
COND SN 480				AT SURFACE																																
SEC TEMP SN 701				<input type="checkbox"/> PAR		<input type="checkbox"/> FLOR		<input type="checkbox"/> CHAM		<input type="checkbox"/> TAPS6		<input type="checkbox"/> TAPS4																								

VESSEL NOAAS MILLER FREEMAN		PROJ. & LEG MF96-14		FOCI Moorings/Physical Oceanography										STA. DESIGNATION																	
CONSC CAST #		LATITUDE		LONGITUDE		DATE JD=269		TIME (GMT)		DRY BULB		WET BULB		Pressure mbars		SEA STATE		VIS.		WIND DIR.		WIND SP.		CLOUD (amt)		WEATHER		BOTTOM DEPTH (m)		STA. NAME/ID	
027		5652.29 N		16402.43 W		25 SEP 96		0950		4.8		4.0		975		58345		32		441		71						27			
CTD		TIMES		JD/TIME		DATA LOCATION		REMARKS																							
TYPE & SN 9114, 91660		DATA ON				Tape/Diskette ID		File Name/Header																							
PRESS SN 91660		START DOWN						CTD0023.DAT																							
PRI TEMP SN 889		AT DEPTH																													
COND SN 480		AT SURFACE																													
SEC TEMP SN 701		<input type="checkbox"/> PAR		<input type="checkbox"/> FLOR		<input type="checkbox"/> CHAM		<input type="checkbox"/> TAPS6		<input type="checkbox"/> TAPS4		CLEANED THERMIST 30 mbar PRIOR TO CAST																			
POS. TRIP DEPTH		PRESSURE		PRI. TEMP.		SEC. TEMP.		SALINITY		SAMPLE BOTTLE DATA		SALINITY		SAL.		NUTRIENT		OTHER		SAMPLE BOTTLE NUMBER											
1 64		64.273		2.5338		2.5384		31.7236		31.733		5																			
2																															
3																															
4																															
5																															
6																															
7																															
8																															
9																															
10																															
11																															
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F-965T-25

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VESSEL NOAAS MILLER FREEMAN		PROJ. & LEG MF96-14		FOCI Moorings/Physical Oceanography										STA. DESIGNATION																			
CONSC CAST #		LATITUDE		LONGITUDE		DATE JD= 2169		TIME (GMT)		DRY BULB		WET BULB		Pressure mbars		SEA STATE		VIS.		WIND DIR.		WIN SP.		CLOUD (amt)		TYPE		WEATHER		BOTTOM DEPTH (m)		STA. NAME/ID	
295657.22 N		16452.72 W		25 SEP 96		0139		4.4		3.39		75		334834561		72		27															
CTD		TIMES		JD/TIME		DATA LOCATION		Tape/Diskette ID		File Name/Header		REMARKS		MD = 67																			
TYPE & SN 911+, 91660		DATA ON																															
PRESS SN 91660		START DOWN																															
PRI TEMP SN 889-701		AT DEPTH																															
COND SN 480-303		AT SURFACE																															
SEC TEMP SN 701 889		<input type="checkbox"/> PAR		<input type="checkbox"/> FLUOR		<input type="checkbox"/> CHAM		<input type="checkbox"/> TAPS6		<input type="checkbox"/> TAPS4																							
POS. TRIP DEPTH		PRESSURE		PRI. TEMP.		SEC. TEMP.		SALINITY		SAMPLE BOTTLE DATA		SALINITY		SAL.		NUTRIENT		OTHER															
1 45		65.130		2.4990		0.4805		31.7120		31.7337																							
2																																	
3																																	
4																																	
5																																	
6																																	
7																																	
8																																	
9																																	
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waterhead collar
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 was could it temp the
 give cond temp

VESSEL		PROJ. & LEG		FOCI Moorings/Physical Oceanography						STA. DESIGNATION										
NOAAS MILLER FREEMAN		MF96-14																		
CONSC CAST #	LATITUDE	LONGITUDE		DATE JD=270		TIME (GMT)		DRY BULB	WET BULB	Pressure mbars	SEA STATE	VIS.	WIND DIR.	WIN SP	CLOUD (amt)	TYPE	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID	
	DEG MIN	DEG MIN	DAY MO YR	HR MIN																
033543	258N	15833	04W	26	SEP	96	2100	11.7	8.7	25	28	28	5	8	3	6	11	021	37	
CTD		TIMES	JD/TIME	DATA LOCATION																REMARKS
TYPE & SN 911+, 91660		DATA ON		Tape/Diskette ID File Name/Header																
PRESS SN 91660		START DOWN																		
PRI TEMP SN 889		AT DEPTH																		
COND SN 480		AT SURFACE																		
SEC TEMP SN 701		<input type="checkbox"/> PAR <input type="checkbox"/> FLUOR <input type="checkbox"/> CHLAM <input type="checkbox"/> TAP56 <input type="checkbox"/> TAP54																		
POS. CTD		CTD CONVERTED MONITOR VALUES																		
TRIP / DEPTH	PRESSURE	PRI. TEMP.	SEC. TEMP.	SALINITY	SAMPLE BOTTLE DATA				SAMPLE BOTTLE NUMBER											
1 1041	1041.8	3.6299	3.6304	34.3444	34.346				25											
2																				
3																				
4																				
5																				
6																				
7																				
8																				
9																				
10																				
11																				
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CONSC CAST #						LATITUDE DEG MIN	LONGITUDE DEG MIN								DATE JD= 2011 DAY MO YR HR MIN							TIME (GMT)	DY BULB	WET BULB	Pressure mbars	SEA STATE	VIS.	WIND DIR.	WIN SP	CLOUD (amt) TYPE	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID																																				
						63	65	4	1	6	.79	N	15	8	1	1	30	W	27	S	E	P	9	6	04	30	8	.2	6	.1	2	6	3	8	2	7	30	9	3	8	1	3	2	8	3	M0																							
CTD						TIMES																J/D/TIME																DATA LOCATION																REMARKS															
TYPE & SN 911+, 91660						DATA ON _____																Tape/Diskette ID _____ File Name/Header _____																MD = 21680																															
PRESS SN 91660						START DOWN _____																																																															
PRI TEMP SN 889						AT DEPTH _____																																																															
COND SN 480						AT SURFACE _____																																																															
SEC TEMP SN 701						<input type="checkbox"/> PAR <input type="checkbox"/> FLOR <input type="checkbox"/> CHAM <input type="checkbox"/> TAPS6 <input type="checkbox"/> TAPSA																																																															
POS. DEPTH	TRIP	CTD CONVERTED MONITOR VALUES																SAMPLE BOTTLER DATA				SAMPLE BOTTLER NUMBER																																															
		PRESSURE	PRI. TEMP.	SEC. TEMP.	SALINITY	SALINITY	SAL.	NUTRIENT	OTHER																																																												
1		21678.775	1.65167	1.6511	34.6349	34.641																																																															
2																																																																					
3																																																																					
4																																																																					
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VESSEL		NOAAS MILLER FREEMAN		PROJ. & LEG		IMF96-14		FOCI Moorings/Physical Oceanography				STA. DESIGNATION																	
CONSC CAST #		LATITUDE		LONGITUDE		DATE JD= 272		TIME (GMT)		DRY BULB		WET BULB		Pressure mbars		SEA STATE		WIND DIR.		WIND SP		CLOUD (amt)		WEATHER		BOTTOM DEPTH (m)		STA. NAME/ID	
DEG MIN		DEG MIN		DEG MIN		DAY MO YR		HR MIN																					
0395731.03N		15446.82W		28SEP96		0816		5.7		3.3		283827526		662		218		43											
CTD		TIMES		JD/TIME		DATA LOCATION		Tape/Diskette ID		File Name/Header		REMARKS																	
TYPE & SN 911+, 91660		DATA ON																											
PRESS SN 91660		START DOWN																											
PRI TEMP SN 889		AT DEPTH																											
COND SN 480		AT SURFACE																											
SEC TEMP SN 701		<input checked="" type="checkbox"/> PAR		<input checked="" type="checkbox"/> FLUOR		<input checked="" type="checkbox"/> CHLOR		<input type="checkbox"/> TAPSG		<input type="checkbox"/> TAPSA																			
POS.		TRIP DEPTH		CTD CONVERTED MONITOR VALUES																									
		PRESSURE		PRI. TEMP.		SEC. TEMP.		SALINITY		SALINITY		SAL.		NUTRIENT		OTHER													
1		200		5.3750		5.3785		33.1294		33.138		05		17332															
2		150		5.6524		5.6586		32.6006						17333															
3		100		5.4559		5.4579		32.2126						17334															
4		75		6.9364		6.9322		32.4787						17335															
5		50		8.3278		8.3472		31.9669						17336															
6		40		8.5364		8.5378		31.9386						17337															
7		30		8.7645		8.7664		31.5974						17338															
8		20		8.9630		8.9625		31.1998						17339															
9		10		9.1232/9.1337		9.1272/9.1321		31.0766/31.0766						17340															
10		8.5		9.1256		9.1292		31.0713						17341															
11		8.5		9.1282		9.1324		31.0645						17342															
12		8.5		9.1333		9.1353		31.0655						17343															
0		2.208		9.1257		9.1228		31.0663						17343															

CTD FOR F-9601

FOCI LINE 8

STA 61

MOD = 202.04

VESSEL		PROJ. & LEG		FOCI Moorings/Physical Oceanography										STA. DESIGNATION							
NOAAS MILLER FREEMAN		MF96-14																			
CONSC CAST #	LATITUDE DEG MIN	LONGITUDE DEG MIN	DATE JD=232	TIME (GMT) HR MIN	DRY BULB	WET BULB	Pressure mbars	SEA STATE	WIND DIR.	WIND SP	CLOUD (amt) TYPE	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID							
040	5 7 3 3 . 1 7 N	1 5 4 5 2 . 3 8 W	2 8 S E	1 9 6	4 9 4	5 . 3	5 . 2	2 8 3 8	2 9 0 2	6 7 6 2	2 3 4		4 4								
CTD		TIMES		JD/TIME		DATA LOCATION															
TYPE & SN 911+, 91660		DATA ON				Tape/Diskette ID File Name/Header															
PRESS SN 91660		START DOWN				CTD040															
PRI TEMP SN 889		AT DEPTH				STA 60															
COND SN 480		AT SURFACE				MD=222															
SEC TEMP SN 701		<input checked="" type="checkbox"/> PAR		<input checked="" type="checkbox"/> FLUOR		<input checked="" type="checkbox"/> CHLAM		<input type="checkbox"/> TAP56		<input type="checkbox"/> TAP54											
CTD CONVERTED MONITOR VALUES																					
POS.	TRIP DEPTH	PRESSURE				PRI TEMP.				SEC. TEMP.				SALINITY							
1	221	221.139				5.4118				5.4158				33.2192							
2																					
3																					
4																					
5																					
6																					
7																					
8																					
9																					
10																					
11																					
12																					
		SAMPLE BOTTLE DATA				SALINITY				SAL.				NUTRIENT				OTHER			

VESSEL		NOAAS MILLER FREEMAN		PROJ. & LEG		FOCI Moorings/Physical Oceanography		STA. DESIGNATION						
				MF96-14										
CONSC CAST #	LATITUDE DEG MIN	LONGITUDE DEG MIN	DATE JD= 272	TIME (GMT) HR MIN	DRY BULB	WET BULB	Pressure mbar	SEA STATE	WIND DIR.	WIND SP	CLOUD (amt)	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID
0415736.25	N	15500.76	W 28 SEP 96	1035	5.7	2.9	2938	285	20	762	242	45		
CTD		TIMES		JD/TIME		DATA LOCATION		REMARKS						
TYPE & SN 911+, 91660		DATA ON				Tape/Diskette ID		File Name/Header						
PRESS SN 91660		START DOWN						CTD 041						
PRI TEMP SN 889		AT DEPTH						STA 59						
COND SN 480		AT SURFACE						CTD FOR F-9602						
SEC TEMP SN 701		<input checked="" type="checkbox"/> PAR		<input checked="" type="checkbox"/> FLUOR		<input checked="" type="checkbox"/> CHLAM		<input type="checkbox"/> TAPSG						
								<input type="checkbox"/> TAPSG						
								<input type="checkbox"/> TAPSG						
								2nd cast for 12,10,0m sample						
POS.	TRIP DEPTH	PRESSURE		PRI. TEMP.	SEC. TEMP.	SALINITY	SAMPLE BOTTLE DATA		SAMPLE BOTTLE NUMBER					
1	225	226.846		5.4188	5.4225	33.3024	33.311		22					
2	200	201.442		5.3874	5.3949	33.1284			✓ 1745					
3	150	150.304		4.8933	4.8981	32.4167			✓ 1746					
4	100	100.539		6.7204	6.7209	32.1062			✓ 1747					
5	75	75.654		7.8010	7.8060	31.9394			✓ 1748					
6	50	51.091		8.8691	8.8711	31.3472			✓ 1749					
7	40	40.821		9.1687	9.1724	31.1941			✓					
8	30	30.318		9.2108	9.2140	31.1253			✓ 1750					
9	20	20.256		9.2525	9.2559	30.9792			✓ 1751					
10	12	12.659		9.2256	9.2273	30.9096			✓ 1752					
11	12	12.644		9.1811	9.1858	30.8905			✓ 1753					
12	12	12.505		9.1871	9.1887	30.8964			✓ 1754					

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VESSEL		NOAAS MILLER FREEMAN		PROJ. & LEG		FOCI Moorings/Physical Oceanography		STA. DESIGNATION																			
				MF96-14																							
CONSC CAST #	LATITUDE	DEG	MIN	LONGITUDE	DEG	MIN	DATE JD=	DAY	MO	YR	HR	MIN	TIME (GMT)	DRY BULB	WET BULB	Pressure mbars	SEA STATE	VIS	WIND DIR	WIN SP	CLOUD (amt)	TYPE	WEATHER	BOTTOM DEPTH (m)	STA NAME/ID		
CTD				TIMES				JD/TIME				DATA LOCATION				REMARKS											
TYPE & SN 911+, 91660				DATA ON								Tape/Diskette ID				File Name/Header											
PRESS SN 91660				START DOWN																							
PRI TEMP SN 889				AT DEPTH																							
COND SN 480				AT SURFACE																							
SEC TEMP SN 701				PAR				FLUOR				CHAM				TAP6				TAP4							
POS. TRIP DEPTH				PRESSURE				PRI. TEMP.				SEC. TEMP.				SALINITY				SAMPLE BOTTLE DATA				SAMPLE BOTTLE NUMBER			
1				10.364				9.1759				9.1773				30.8882				1755 ✓							
2				10.347				9.1838				9.1871				30.8874				1756 ✓							
3				10.384				9.1783				9.1806				30.8877				1757 ✓							
4				2.963				9.1616				9.1643				30.8864				1758 ✓							
5																											
6																											
7																											
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9																											
10																											
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VESSEL NOAAS MILLER FREEMAN		PROJ. & LEG MF96-14		FOCI Moorings/Physical Oceanography				STA. DESIGNATION						
CONSC CAST #	LATITUDE DEG MIN	LONGITUDE DEG MIN	DATE JD= 232	TIME (GMT)	DRY BULB	WET BULB	Pressure mbars	SEA STATE	WIND DIR.	WIND SP	CLOUD (amt)	WEATHER	BOTTOM DEPTH (m)	STA NAME/ID
042	57 38.54 N	155 54.66 W	28 SEP 96	11 31	5.4	2.5	293	83	05	22	76	25	8	46
CTD		TIMES		JD/TIME		DATA LOCATION		REMARKS						
TYPE & SN 911+, 91660		DATA ON				Tape/Diskette ID		File Name/Header						
PRESS SN 91660		START DOWN						CTD042						
PRI TEMP SN 889		AT DEPTH												
COND SN 480		AT SURFACE												
SEC TEMP SN 701		<input checked="" type="checkbox"/> PAR		<input checked="" type="checkbox"/> FLUOR		<input checked="" type="checkbox"/> CHAM		<input type="checkbox"/> TAP56		<input type="checkbox"/> TAP54				
CTD CONVERTED MONITOR VALUES														
POS.	TRIP DEPTH	PRESSURE	PR. TEMP.	SEC. TEMP.	SALINITY	SAMPLE BOTTLE DATA		SAMPLE BOTTLE NUMBER						
1	250	250.664	5.4254	5.4292	33.3392	33.3448		18						
2														
3														
4														
5														
6														
7														
8														
9														
10														
11														
12														

VESSEL NOAAS MILLER FREEMAN		PROJ. & LEG MF96-14		FOCI Moorings/Physical Oceanography				STA. DESIGNATION																							
CONSC CAST #		LATITUDE DEG MIN		LONGITUDE DEG MIN		DATE JD= 232		TIME (GMT)		DRY BULB		WET BULB		Pressure mbars		SEA STATE		WIND DIR.		WIND SP		CLOUD (amt)		TYPE		WEATHER		BOTTOM DEPTH (m)		STA. NAME/ID	
0435741.21N		15510.31W		28SEP96		1312		4.2		1.6		343830618		361		294		47													
CTD		TIMES		JD/TIME		DATA LOCATION		REMARKS																							
TYPE & SN 911+, 91660		DATA ON				Tape/Diskette ID		File Name/Header																							
PRESS SN 91660		START DOWN						CTD043																							
PRI TEMP SN 889		AT DEPTH																													
COND SN 480		AT SURFACE																													
SEC TEMP SN 701		<input checked="" type="checkbox"/> PAR		<input checked="" type="checkbox"/> FLUOR		<input checked="" type="checkbox"/> CHLOR		<input type="checkbox"/> TAP56		<input type="checkbox"/> TAP54																					
CTD CONVERTED MONITOR VALUES																															
POS. TRIP DEPTH		PRESSURE		PRI TEMP.		SEC TEMP.		SALINITY		SALINITY DATA		SAL. BOTTLE DATA		SAL. NUTRIENT		OTHER															
1 281		281.516		5.4234		5.4271		33.3644		33.319		27																			
2																															
3																															
4																															
5																															
6																															
7																															
8																															
9																															
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11																															
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WD=282

VESSEL NOAAS MILLER FREEMAN		PROJ. & LEG MF96-14		FOCI Moorings/Physical Oceanography				STA. DESIGNATION						
CONSC CAST #	LATITUDE DEG MIN	LONGITUDE DEG MIN	DATE JD=272	TIME (GMT)	DRY BULB	WET BULB	Pressure mbars	SEA STATE	WIND DIR.	WIN SP	CLOUD (amt) TYPE	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID
0445743.12	N 15515.6	W 28519.6	1354	4.7	1.7	3638290	14381	198	48					
CTD		TIMES		DATA LOCATION		REMARKS								
TYPE & SN 911+, 91660		DATA ON		Tape/Diskette ID		File Name/Header								
PRESS SN 91660		START DOWN				CTD044								
PRI TEMP SN 889		AT DEPTH												
COND SN 480		AT SURFACE												
SEC TEMP SN 701		<input checked="" type="checkbox"/> PAR <input checked="" type="checkbox"/> FLUOR <input checked="" type="checkbox"/> CHLAM <input type="checkbox"/> TAP56 <input type="checkbox"/> TAP54												
CTD CONVERTED MONITOR VALUES														
POS.	TRIP DEPTH	PRESSURE	PRI. TEMP.	SEC. TEMP.	SALINITY	SAMPLE BOTTLE DATA		SAMPLE BOTTLE NUMBER						
1	182	182.643	5.5264	5.5294	32.7599	32.717		SAL.		NUTRIENT		OTHER		
2														
3														
4														
5														
6														
7														
8														
9														
10														
11														
12														

MD-183