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VESSEL		PROJECT & LEG										STATION DESIGNATION									
NOAA Ship MILLER FREEMAN		MF-98-08										STA 11-1									
CONSC CAST #	LATITUDE		LONGITUDE		DATE JD=		TIME (GMT)		DRY BULB	WET BULB	PRESSURE	SEA STATE	VISIBILITY	WIND DIRN.	WIND SPD.	CLOUD (amt)	WEATHER	BOTTOM DEPTH	STA. NAME/ID		
0045736.39N	DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN	(°C)	(°C)	(mb)	.	(deg)	(m/s)	*	*	(m)	11-1		
					15560.74W	22	MAY	98	22	37	6.2	5.6	9947310	18	865	237					
CTD	TIMES		JD/TIME		DATA LOCATION										REMARKS						
TYPE & SN	9Plus 91660		DATA ON		Tape/Diskette ID										File Name/Header						
PRESS SN	29972		START DOWN												CTD004.DAT						
TEMP SN	1: 889, 2: 701		AT DEPTH																		
COND SN	1: 480, 2: 303		AT SURFACE												MAX. DEPTH = 231 m						
POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES																			
		<input checked="" type="checkbox"/> PAR	<input checked="" type="checkbox"/> FLUOR	<input checked="" type="checkbox"/> CHLAM	<input type="checkbox"/> TRANSMISSOMETER	<input checked="" type="checkbox"/> Cleaned air bleed valve															
		PRESSURE	PRI. TEMP.	SEC. TEMP.	SALINITY	SALINITY	SAL. NUTR.	CHL.	WAT'S NUTR.												
1	231						24	2451													
2	200							2450													
3	150							2449													
4	100							2448													
5	75							2447													
6	50							2446													
7	40							2445													
8	30							2444													
9	20							2443													
10	10							2442													
11	0							2442													
12								2442													

VESSEL		PROJECT & LEG										STATION DESIGNATION									
NOAA Ship MILLER FREEMAN		MF-98-08										STA 12-1									
CONSC CAST #	LATITUDE	LONGITUDE		DATE JD=		TIME (GMT)		DRY BULB	WET BULB	PRESSURE	SEA STATE	VISIBILITY	WIND DIRN.	WIND SPD.	CLOUD (amt)	WEATHER	BOTTOM DEPTH	STA. NAME/ID			
505	57337.111 N	15504.26 W	22	M	A	Y	9	8	23	52	7.9	6.8	00	47	346	08	862	248	12-1		
CTD	TIMES		JD/TIME		DATA LOCATION																
TYPE & SN	9Plus 91660		DATA ON		Tape/Diskette ID																
PRESS SN	29972		START DOWN		File Name/Header																
TEMP SN	1: 889, 2: 701		AT DEPTH		CTD 005																
COND SN	1: 480, 2: 303		AT SURFACE		MAX. DEPTH = 242. m																
PAR		FLUOR		CHIAM		TRANSMISSOMETER		Cleared air bleed valve													
CTD-CONVERTED MONITOR VALUES																					
POS.	TRIP DEPTH	PRESSURE										PRI. TEMP.		SEC. TEMP.		SALINITY		SALINITY DATA		SAMPLE BOTTLE NUMBER	
1	242																	22			
2	50																				
3	40																				
4	30																				
5	20																				
6	15																				
7	15																				
8	15																				
9	10																				
10	0																				
11																					
12																					

VESSEL		PROJECT & LEG										STATION DESIGNATION									
NOAA Ship MILLER FREEMAN		MF-98-08										STA 13-1									
CONSC	LATITUDE	LONGITUDE	DATE	JD	TIME (GMT)	DRY BULB	WET BULB	PRESSURE	SEA STATE	WIND DIRN.	WIND SPD.	CLOUD (amt)	WEATHER	BOTTOM DEPTH	STA. NAME/ID						
CAST #	DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN	(°C)	(°C)	(mb)	(deg)	(m/s)	(m)						
006	57	41	02	N	15	51	0	23	W	23	M	A	Y	9	8						
								0	1	0	0	1	4	7	3						
								5		5		5		6	7						
								8		5		7		1	1						
								0		1		0		1	4						
								1		0		1		4	7						
								2		3		5		5	6						
								3		5		5		6	7						
								4		7		3		5	6						
								5		5		5		6	7						
								6		7		3		5	6						
								7		3		5		6	7						
								8		5		5		6	7						
								9		7		3		5	6						
								10		5		5		6	7						
								11		3		5		6	7						
								12		5		5		6	7						

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VESSEL		PROJECT & LEG										STATION DESIGNATION																			
NOAA Ship MILLER FREEMAN		MF-98-08										15-1																			
CONSC CAST #	LATITUDE		LONGITUDE		DATE JD=		TIME (GMT)		DRY BULB	WET BULB	PRESSURE	SEA STATE	VISIBILITY	WIND DIRN.	WIND SPD.	CLOUD (amt)	WEATHER	BOTTOM DEPTH	STA. NAME/ID												
008	57	43	25	N	155	15	50	23	M	A	Y	9	8	03	01	9	2	7	00237	VAR	05	6	6	1	1	6	4	15	-1		
CTD	TIMES		JD/TIME		DATA LOCATION										REMARKS																
TYPE & SN	9Plus 91660		DATA ON		Tape/Diskette ID										File Name/Header																
PRESS SN	29972		START DOWN												CT0008																
TEMP SN	1: 889, 2: 701		AT DEPTH																												
COND SN	1: 480, 2: 303		AT SURFACE												MAX. DEPTH = 156 m																
POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES																													
		<input checked="" type="checkbox"/> PAR	<input checked="" type="checkbox"/> FLUOR	<input checked="" type="checkbox"/> CHAM	<input type="checkbox"/> TRANSMISSOMETER	<input checked="" type="checkbox"/> Cleaned air bleed valve																									
		PRESSURE	PRI. TEMP.	SEC. TEMP.	SALINITY	SALINITY	SAL.	NUTR.	CHL.	SAMPLE BOTTLE NUMBER																					
1	156						32	2469																							
2	100							2468																							
3	75							2467																							
4	50							2466																							
5	40							2465																							
6	30							2464																							
7	20							2463																							
8	10							2462																							
9	0																														
10																															
11																															
12																															

bottles popped incorrectly - can't do MZ on 52 bottle (volume too low). see CT0009.DAT



VESSEL		PROJECT & LEG										STATION DESIGNATION								
NOAA Ship MILLER FREEMAN		MF-98-08										15-3								
CONSC CAST #	LATITUDE	LONGITUDE		DATE JD=		TIME (GMT)		DRY BULB	WET BULB	PRESSURE	SEA STATE	VISIBILITY	WIND DIRN.	WIND SPD.	CLOUD (amt)	WEATHER	BOTTOM DEPTH	STA. NAME/ID		
009	5743.10 N	15515.70 W	23	MAY	98	0356	9.2	7.0	00237	VAR	05	661	166	15-3						
CTD	TIMES		JD/TIME		DATA LOCATION															
TYPE & SN	9Plus 91660		DATA ON		Tape/Diskette ID															
PRESS SN	29972		START DOWN		File Name/Header															
TEMP SN	1: 889, 2: 701		AT DEPTH		CTD009.DAT															
COND SN	1: 480, 2: 303		AT SURFACE		MAX. DEPTH = 50 m															
POS.	TRIP DEPTH	<input checked="" type="checkbox"/> PAR <input checked="" type="checkbox"/> FLUOR <input checked="" type="checkbox"/> CHIAM <input type="checkbox"/> TRANSMISSOMETER <input checked="" type="checkbox"/> Cleaned air bleed valve																		
CTD CONVERTED MONITOR VALUES		SAMPLE BOTTLE DATA																		
	PRESSURE	PRI. TEMP.	SEC. TEMP.	SALINITY	SALINITY													SAL. NUTR. CHL. NUTR.		
1	50																	266 ✓		
2																				
3																				
4																				
5																				
6																				
7																				
8																				
9																				
10																				
11																				
12																				

REMARKS Fox 61

50 slot was wrong size

Redid it!

600s with CTD008.DAT

W2

W2's

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VESSEL								PROJECT & LEG						STATION DESIGNATION														
NOAA Ship MILLER FREEMAN								MF-98-08																				
CONSC CAST #		LATITUDE		LONGITUDE		DATE JD=		TIME (GMT)		DRY BULB (°C)		WET BULB (°C)		PRESSURE (mb)		SEA STATE VISIBILITY		WIND DIRN.		WIND SPD.		CLOUD (amt) TYPE WEATHER		BOTTOM DEPTH (m)		STA. NAME/ID		
DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN	(°C)	(°C)	(mb)	.	(deg)	(m/s)	.	.	.	(m)										
013	55	49	.16	N	15	6	14	.31	W	26	MAY	98	18	32	7.1	6.1	1237	170	10	8	72	227	227	73-1				
CTD		TIMES		JD/TIME		DATA LOCATION		REMARKS																				
TYPE & SN		9Plus 91660		DATA ON		Tape/Diskette ID		File Name/Header																				
PRESS SN		29972		START DOWN				CTD013																				
TEMP SN		1: 889, 2: 701		AT DEPTH																								
COND SN		1: 480, 2: 303		AT SURFACE																								
MAX. DEPTH =		220 m																										
POS. TRIP DEPTH		<input checked="" type="checkbox"/> PAR		<input checked="" type="checkbox"/> FLUOR		<input checked="" type="checkbox"/> CHLAM		<input type="checkbox"/> TRANSMISSOMETER		<input checked="" type="checkbox"/> Cleaned air bleed valve																		

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NUMBER 5  
SACA  
61-11-11  
Cross