

VESSEL		PROJECT & LEG		COD I.D.		STATION DESIGNATION															
NOAA Ship MILLER FREEMAN		MF-02-01 02																			
CONSECUTIVE	CAST #	LATITUDE		LONGITUDE		DATE		TIME		DRY BULB °C	WET BULB °C	PRESSURE mb	SEA STATE	VISIBILITY	WIND DIRECTION	WIND SPEED	CLOUD (amt)	WEATHER	BOTTOM DEPTH	STATION NAME / ID	
02055	071935	16	00	01	00	11	01	01	01	30	00	01	00	00	00	00	00	00	03	00	02020
SBE 9+		91660		TIMES		DATA LOCATION		Tape/Diskette ID		File Name/Header		REMARKS									
PRESS SN		29772		DATA ON								<input checked="" type="checkbox"/> Cleaned air bleed valve MAX. DEPTH (m) _____ ChLAM S/N= _____									
PRI TEMP SN		710		START DOWN								<input type="checkbox"/> FLUOR S/N= _____ <input type="checkbox"/> PAR S/N= _____									
SEC TEMP SN		884		AT DEPTH								CTD CONVERTED MONITOR VALUES									
PRI COND SN		304		AT SURFACE								SAMPLE BOTTLE DATA									
SEC COND SN		530										SAMPLE BOTTLE NUMBER									
POSITION	TRIP DEPTH	PRESSURE	PRIMARY TEMP	SECONDARY TEMP	SALINITY	SALINITY	SALINITY	SALINITY	SALINITY	SALINITY	SALINITY	SALINITY	SALINITY	SALINITY	SALINITY	SALINITY	SALINITY	SALINITY	SALINITY	SALINITY	WHIT'S NUTR
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File name for CTD20 = STN1 CTD0. 2/11/02 05:15

NOAA Ship MILLER FREEMAN							PROJECT & LEG				COD I.D.						STATION DESIGNATION																		
							MF-02-01																												
CONSECUTIVE CAST #	LATITUDE			LONGITUDE			DATE			TIME		DRY BULB °C		WET BULB °C		PRESSURE mb	SEA STATE	VISIBILITY	WIND DIRECTION	WIND SPEED knt's	CLOUD (amt)	TYPE	WEATHER	BOTTOM DEPTH	STATION NAME / ID										
	DEG	MIN	SEC	DEG	MIN	SEC	DAY	MO	YR	HR	MIN	°C	°C																						
02155	10	8	16	-16	41	02	14	05	22	23	14	-11	5	-2	59	63	226	0	12	8	42	8	49												
SBE 9+	91660									DATA LOCATION		File Name/Header																							
PRESS SN	29772			DATA ON			Tape/Diskette ID																												
PRI TEMP SN	710			START DOWN																															
SEC TEMP SN	884			AT DEPTH																															
PRI COND SN	304			AT SURFACE																															
SEC COND SN	530																																		
							PAR S/N=			FLUOR S/N=						MAX. DEPTH (m)			<input checked="" type="checkbox"/> Cleaned air bleed valve																
																ChLAM S/N=						SAMPLE BOTTLE NUMBER													
																									SAMPLE BOTTLE DATA										
POSITION	TRIP DEPTH	PRESSURE	PRIMARY TEMP	SECONDARY TEMP	SALINITY																							SAL		NUTR	CHL	WHIT'S NUTR			
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CONSECUTIVE	CAST #	LATITUDE			LONGITUDE			DATE			TIME		DRY BULB °C	WET BULB °C	PRESSURE mb	SEA STATE	VISIBILITY	WIND DIRECTION	WIND SPEED knt's	CLOUD (amt)	WEATHER	BOTTOM DEPTH	STATION NAME / ID		
		DEG	MIN	SEC	DEG	MIN	SEC	DAY	MO	YR	HR	MIN													
1	225	11	13	01	14	11	52	31	5	SEP	02	09	11	52	59	6	3	7	2	6	0	12	04	8	CTD
SBE 9+		91660			TIMES			DATA LOCATION			File Name/Header		REMARKS												
PRESS SN		29772			DATA ON			Tape/Diskette ID			Cleaned air bleed valve		MAX. DEPTH (m)												
PRI TEMP SN		710			START DOWN								ChLAM S/N=												
SEC TEMP SN		884			AT DEPTH								SAMPLE BOTTLE												
PRI COND SN		304			AT SURFACE								DATA												
SEC COND SN		530											SALINITY												
													SECONDARY TEMP												
													PRIMARY TEMP												
													PRESSURE												
													TRIP DEPTH												
POSITION													SAMPLE BOTTLE NUMBER												
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NOAA Ship MILLER FREEMAN										PROJECT & LEG		COD I.D.		STATION DESIGNATION									
NOAA Ship MILLER FREEMAN										MF-02-01													
CONSECUTIVE	CAST #	LATITUDE		LONGITUDE		DATE		TIME		DRY BULB °C	WET BULB °C	PRESSURE mb	SEA STATE	VISIBILITY	WIND DIRECTION	WIND SPEED kn't's	CLOUD (amt)	TYPE	WEATHER	BOTTOM DEPTH	STATION NAME / ID		
		DEG	MIN	DEG	MIN	DAY	MO	YR	HR													MIN	
62	554	25	10	165	08.19	16	FEB	20	45	0-2	5-2	79	94	83	5	4	67	11	33				
REMARKS																							
SBE 9+ 91660																							
PRESS SN 29772																							
PRI TEMP SN 710																							
SEC TEMP SN 884																							
PRI COND SN 304																							
SEC COND SN 530																							
DATA LOCATION File Name/Header CTD 023																							
Tape/Diskette ID																							
DATA ON START DOWN AT DEPTH AT SURFACE																							
PAR S/N= FLUOR S/N= MAX. DEPTH (m) ChLAM S/N=																							
CTD CONVERTED MONITOR VALUES																							
CTD 250																							
SAMPLE BOTTLE DATA																							
SAMPLE BOTTLE NUMBER																							
WHIT'S NUTR																							
CHL																							
NUTR																							
SAL 44																							
SALINITY																							
SALINITY																							
SECONDARY TEMP																							
PRIMARY TEMP																							
PRESSURE																							
TRIP DEPTH																							
POSITION																							
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NOAA Ship MILLER FREEMAN						PROJECT & LEG MF-02-01		COD I.D.	STATION DESIGNATION													
CONSECUTIVE CAST #		LATITUDE		LONGITUDE		DATE		TIME		DRY BULB °C	WET BULB °C	PRESSURE mb	SEA STATE	VISIBILITY	WIND DIRECTION	WIND SPEED knt's	CLOUD (amt)	TYPE	WEATHER	BOTTOM DEPTH	STATION NAME / ID	
		DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN												
9245	42	30	2	-18	5	17	03	02	05	57	-2	-2	299	38	2	75	10	67			180.9	KTD00A
REMARKS																						
SBE 9+ PRESS SN 29772 PRI TEMP SN 710 SEC TEMP SN 884 PRI COND SN 304 SEC COND SN 530												<input checked="" type="checkbox"/> Cleaned air bleed valve MAX. DEPTH (m) _____ CH/LAM S/N= _____										
DATA ON _____ START DOWN _____ AT DEPTH _____ AT SURFACE _____ PAR S/N= _____ FLUOR S/N= _____												SAMPLE BOTTLE NUMBER _____ SAMPLE BOTTLE DATA _____ SALINITY _____ SAL _____ NUTR _____ CHL _____ WHIT'S NUTR _____										
CTD CONVERTED MONITOR VALUES																						
POSITION	TRIP DEPTH	PRESSURE	PRIMARY TEMP	SECONDARY TEMP	SALINITY																	
1	172																					
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NOAA Ship MILLER FREEMAN										PROJECT & LEG		COD I.D.		STATION DESIGNATION															
NOAA Ship MILLER FREEMAN										MF-02-01																			
CONSECUTIVE CAST #	LATITUDE			LONGITUDE			DATE			TIME		DRY BULB °C		WET BULB °C		PRESSURE mb	SEA STATE	VISIBILITY	WIND DIRECTION	WIND SPEED knt's	CLOUD (amt)	TYPE	WEATHER	BOTTOM DEPTH	STATION NAME / ID				
	DEG	MIN	SEC	DEG	MIN	SEC	DAY	MO	YR	HR	MIN	°C	°C	mb	deg											knt's			
0275	42	01	71	16	52	49	02	16	FEB	2006	06	54	12	17	21	59	99	38	24	5	05	06	7	130	80	1701			
SBE 9+										DATA LOCATION										REMARKS									
PRESS SN 29772										Tape/Diskette ID										File Name/Header									
PRI TEMP SN 710																				C2D027									
SEC TEMP SN 884																													
PRI COND SN 304																													
SEC COND SN 530																													
										PAR S/N=										FLUOR S/N=									
										CTD CONVERTED MONITOR VALUES										SAMPLE BOTTLE NUMBER									
POSITION	TRIP DEPTH	PRESSURE		PRIMARY TEMP		SECONDARY TEMP		SALINITY		DATA		SAMPLE BOTTLE		SAL										NUTR		CHL		WHIT's NUTR	
1	122													11															
2																													
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NOAA Ship MILLER FREEMAN						PROJECT & LEG				COD I.D.				STATION DESIGNATION													
						MF-02-01																					
CONSECUTIVE CAST #	LATITUDE			LONGITUDE			DATE			TIME		DRY BULB °C		WET BULB °C		PRESSURE mb	SEA STATE	VISIBILITY	WIND DIRECTION	WIND SPEED knt's	CLOUD (amt)	TYPE	WEATHER	BOTTOM DEPTH	STATION NAME / ID		
	DEG	MIN	SEC	DEG	MIN	SEC	DAY	MO	YR	HR	MIN	BULB	BULB	DIRECTION	SPEED											CLOUD	TYPE
02856	30	54	8	160	59	38	12	27	FEB	21	18	11	00	11	00	11	99	43	7	16	5	18	4	4	10	68.3	KD02
REMARKS																											
SBE 9+ PRESS SN 29772 PRI TEMP SN 710 SEC TEMP SN 884 PRI COND SN 304 SEC COND SN 530																											
DATA LOCATION Tape/Diskette ID File Name/Header CTD02																											
<input checked="" type="checkbox"/> Cleaned air bleed valve																											
MAX. DEPTH (m) ChLAM S/N=																											
FLUOR S/N= PAR S/N= CTD CONVERTED MONITOR VALUES																											
KEO1-2 Re Recover																											
SAMPLE BOTTLE DATA																											
SAMPLE BOTTLE NUMBER 20																											
POSITION	TRIP DEPTH	PRESSURE	PRIMARY TEMP	SECONDARY TEMP	SALINITY	DATA												SALINITY	SAL	NUTR	CHL	WHIT'S NUTR					
1	63																		20								
2																											
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NOAA Ship MILLER FREEMAN		MF-02-01																							
CONSECUTIVE	CASE #	LATITUDE		LONGITUDE		DATE		TIME		DRY BULB		WET BULB		PRESSURE	SEA STATE	VISIBILITY	WIND	DIRECTION	WIND SPEED	CLOUD (amt)	TYPE	WEATHER	BOTTOM DEPTH	STATION NAME / ID	
DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN	°C	°C	mb	deg	knt's												
029	56	25	18	1	6	0	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
SBE 9+		91660		TAPES/DISKETTE ID		FILE NAME/HEADER		DATA LOCATION		Tape/Diskette ID		File Name/Header		MAX. DEPTH (m)		ChLAM S/N=		SAMPLE BOTTLE		DATA		SAMPLE BOTTLE NUMBER		WHIT'S	
PRESS SN		29772		FLUOR S/N=		PAR S/N=		CTD CONVERTED MONITOR VALUES		CLEANED AIR BLEED VALVE		MAX. DEPTH (m)		ChLAM S/N=		SAMPLE BOTTLE		DATA		SAMPLE BOTTLE NUMBER		WHIT'S		NUTR	
PRI TEMP SN		710		START DOWN		AT DEPTH		AT SURFACE		PAR S/N=		FLUOR S/N=		CTD CONVERTED MONITOR VALUES		CLEANED AIR BLEED VALVE		MAX. DEPTH (m)		ChLAM S/N=		SAMPLE BOTTLE		DATA	
SEC TEMP SN		884		START DOWN		AT DEPTH		AT SURFACE		PAR S/N=		FLUOR S/N=		CTD CONVERTED MONITOR VALUES		CLEANED AIR BLEED VALVE		MAX. DEPTH (m)		ChLAM S/N=		SAMPLE BOTTLE		DATA	
PRI COND SN		304		START DOWN		AT DEPTH		AT SURFACE		PAR S/N=		FLUOR S/N=		CTD CONVERTED MONITOR VALUES		CLEANED AIR BLEED VALVE		MAX. DEPTH (m)		ChLAM S/N=		SAMPLE BOTTLE		DATA	
SEC COND SN		530		START DOWN		AT DEPTH		AT SURFACE		PAR S/N=		FLUOR S/N=		CTD CONVERTED MONITOR VALUES		CLEANED AIR BLEED VALVE		MAX. DEPTH (m)		ChLAM S/N=		SAMPLE BOTTLE		DATA	
POSITION		TRIP DEPTH		PRESSURE		PRIMARY TEMP		SECONDARY TEMP		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY	
1	17																								
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pre-morning at KC-01-1
+ Post Deployment

REMARKS
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