

[illegible]

CONSC CAST #	LATITUDE		LONGITUDE	DATE JD=	TIME (GMT)	DRY BULB	WET BULB	PRESSURE	SEA STATE	VISIBILITY	WIND DIRN.	WIND SPD.	CLOUD (amt) TYPE	WEATHER	BOTTOM DEPTH	STA NAME/ID
DEG MIN	DEG MIN	DAY MO YR	HR MIN	(C) (C)	(mb)	.	.	(deg)	(kts)	.	.	. (m/sec)	.	.	m	
008	52.47.01 N	17 23 06 MAY 98	21 38	4.4	4.4	0438	347	78.42	1160	2-1						
CTD	TIMES	J/D / TIME														
TYPE / SN SBE 8+ 09P6012-QZ56	Data ON _____															
TEMP SN 1:1371 2:1364	START DOWN _____															
COND SN 1:1041 2:1030	AT DEPTH _____															
TRANS T102AD 09P6012	AT SURFACE _____															
FUOR 101S PAR 4329																

[illegible]

VESSEL		PROJECT & LEG		STATION DESIGNATION												
OSU R/V WECOM		WE98-05B														
CONSC CAST #	LATITUDE	LONGITUDE	DATE JD-	TIME (GMT)	DRY BULB	WET BULB	PRESSURE	SEA STATE	VISIBILITY	WIND DIRN	WIND SPD	CLOUD (amt)	TYPE	WEATHER	BOTTOM DEPTH	STA NAME/ID
003	33.04.97	117.230.00	27 MAY 98	100	4.4	3.9	044	8	000	10	86	2	24	26	3-1	
CTD		TIMES		JD / TIME		DATA LOCATION		Tape/Diskette ID		File Name/Header		REMARKS				
TYPE / SN SBE 9+		DATA ON										0:16:51				
TEMP SN 1: 1371		2: 1384		START DOWN								→ full				
COND SN 1: 1041		2: 1030		AT DEPTH												
TRANS T1024D		09P6012		AT SURFACE												
FLUOR 101S		PAR 4328										MAX. DEPTH = 2400 m				

SEA-BIRD 9/11+ CTD DATA										SAMPLE BOTTLE DATA		SAMPLE BOTTLE NUMBER			
POS.	TRIP DEPTH	PRESSURE	PRI. TEMP	SEC. TEMP	PRI. SALINITY	SEC. SALINITY	PAR	SALINITY	SAL.	CHLOR	TEW	NUTRS	AFSC NUTRS.		
1	2400									1	1				
2	2350									2	2	281.84			
3	2306									3	3				
4	2250									4	4				
5	2100									5	5				
6	1900									6	6				
7	1550									7	7				
8	1250									8	8				
9	950									9	9				
10	725									10	10				
11	525									11	11				
12	325									12	12				

Leak from Bottom

Leaker

3455
3440

1450
1450
1450
1450
1450

VESSEL		PROJECT & LEG		STATION DESIGNATION																								
OSU RV WECOMA		WECOM-058																										
CONSC CAST #	LATITUDE		LONGITUDE		DATE JD=		TIME (GMT)	DRY BULB	WET BULB	PRESSURE	SEA STATE	VISIBILITY	WIND DIR.	WIND SPD.	CLOUD (amt)	WEATHER	BOTTOM DEPTH	STA. NAME/ID										
4	53	37.00	N	172	30.0	0	W	27	M	A	Y	9	8	4	4	9	3.9	3.3	33.8	32.5	8	7	6	23	49	0	4	-1
CTD		TIMES		JD / TIME		DATA LOCATION																						
TYPE / SN SBE 9+ 08P6012-0256		DATA ON				Tape/Diskette ID																						
TEMP SN 1: 1371 2: 1384		START DOWN				File Name/Header																						
COND SN 1: 1041 2: 1090		AT DEPTH				CTD004																						
TRANS T1024D 08P6012		AT SURFACE				Tape																						
FLUOR 101S PAR 4328						MAX DEPTH = m																						
SEA-BIRD 9/11+ CTD DATA																												
POS.	TRIP	PRESSURE	PRI. TEMP	SEC. TEMP	PRI. SALINITY	SEC. SALINITY	PAR	SAMPLE BOTTLE DATA	SAL.	CHLOR.	TEMP	NUTRS	AFSC NUTRS.															
1	3468							4		1	20.21																	
2	3418									2	22																	
3	3368									3	23																	
4	3318									4	24																	
5	3168									5	25																	
6	2968									6	26																	
7	2618									7	27																	
8	2368									8	28																	
9	2068									9	29																	
10	1768										30																	
11	1768									11	31																	
12	1543							13		12	32																	

VESSEL		PROJECT & LEG		STATION DESIGNATION											
OSU RV WECOMIA		WEEB-05B													
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
5410	10.022N	17229.922W	27 MAY 98	114103.9	03.3	02.3	023	8	290	11	2623469	5-1			
CTD		TIMES		JD / TIME		DATA LOCATION		Tape/Diskette ID		File Name/Header		REMARKS			
TYPE / SN SBE 9+ 08P6012-0256		DATA ON						CTD005		Jellyfish in C2 bags					
TEMP SN 1: 1371 2: 1384		START DOWN													
COND SN 1: 1041 2: 1030		AT DEPTH													
TRANS T1024D 08P6012		AT SURFACE													
FLUOR 101S PAR 4329															
SEA-BIRD 9/11+ CTD DATA															
POS.	TRIP DEPTH	PRESSURE	PRI. TEMP	SEC. TEMP	PRI. SALINITY	SEC. SALINITY	PAR	SALINITY	SAL.	CHLOR	TEW	NUTRS	AFSC NUTRS.		
1	3505													Block	
2	3455													2, Reps	
3	3405													3	
4	3355													4	
5	3205													5	
6	3005													6	
7	2655													7	
8	2405													8	
9	2105													9	
10	1805													10	
11	1580													11	
12	1330													12	

header - no water

VESSEL		PROJECT & LEG		STATION DESIGNATION																							
OSU RV WECOMA		WEC05B																									
CONSC CAST #	LATITUDE	LONGITUDE	DATE JD=	TIME (GMT)	DRY BULB	WET BULB	PRESSURE	SEA STATE	VISIBILITY	WIND DIRN.	WIND SPD.	WIND QUD (amt)	WEATHER	BOTTOM DEPTH	STA. NAME/ID												
DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN	(C)	(C)	(mb)	.	.	(deg)	(kts)	.	.	(m)									
05	44	2	00	N	17	23	01	W	27	M	A	Y	9	8	17	09	41	27	3	25	08	87	2	35	48	6	11
CTD		TIMES		JD / TIME		DATA LOCATION		REMARKS																			
TYPE / SN SBE 9+ 09P6012-0256		DATA ON				Tape/Diskette ID		File Name/Header																			
TEMP SN 1: 1371 2: 1384		START DOWN						CTD006																			
COND SN 1: 1041 2: 1030		AT DEPTH																									
TRANS T1024D 09P6012		AT SURFACE																									
FLUOR 101S PAR 4329																											
SEA-BIRD 9/11+ CTD DATA																											
POS.	TRIP DEPTH	PRESSURE	PRI. TEMP	SEC. TEMP	PRI. SALINITY	SEC. SALINITY	PAR	SALINITY	SAL.	CHLOR	TEW NUTRS	AFSC NUTRS.															
1	3555								5		1																
2	3555										2, 13-16																
3	3450										3																
4	3400										4																
5	3160										5																
6	2800										6																
7	2500										7																
8	2200										8																
9	1900										9																
10	1600										10																
11	1400										11																
12	1200										12																

VESSEL		PROJECT & LEG		STATION DESIGNATION											
OSU RV WECOMA		WEE98-058													
CONSC CAST #	LATITUDE	LONGITUDE	DATE JD=	TIME (GMT)	DRY BULB	WET BULB	PRESSURE	SEA STATE	VISIBILITY	WIND DIRN.	WIND SPD.	WIND CLOUD (amt)	WEATHER	BOTTOM DEPTH	STA. NAME/ID
507	54 42.00 N	172 29.99 W	27 MAY 98	2014			011			8340	7	862	3548	6-2	
CTD		TIMES		JD / TIME		DATA LOCATION		REMARKS							
TYPE / SN SBE 9+ 09P6012-0256		DATA ON				Tape/Diskette ID		File Name/Header							
TEMP SN 1: 1371 2: 1384		START DOWN				0000-54:04		CTD0057							
COND SN 1: 1041 2: 1030		AT DEPTH													
TRANS T1024D 09P6012		AT SURFACE													
FLUOR 101S PAR 4328								MAX. DEPTH = 1000 m							
SEA-BIRD 9/11+ CTD DATA															
POS.	TRIP DEPTH	PRESSURE	PRI. TEMP	SEC. TEMP	PRI. SALINITY	SEC. SALINITY	PAR	SALINITY	SAL.	CHLOR	TEMP	NUTRS	AFSC NUTRS.	SAMPLE BOTTLE DATA	
1	1000											21			
2	800											22			
3	600											23			
4	400											24			
5	300											25			
6	200											26			
7	150											27			
8	100											28			
9	75											29			
10	50											30			
11	25											31			
12	0											32			

3477

3440-3

VESSEL		PROJECT & LEG		STATION DESIGNATION																												
OSU R/V WECOMA		WE98-058																														
CONSC	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				
CAST #	DEG MIN	DEG MIN	DAY	MO	YR	HR	MIN	(°C)	(°C)	(mb)	.	.	(deg)	(kts)	(m)							
8	55	13	99	N	17	22	9	9	7	W	27	M	A	Y	9	8	23	36	5	6	5	0	2	1	8	350	7	8	6	2	3476	7-1
CTD		TIMES		JD / TIME		DATA LOCATION		Tape/Diskette ID		File Name/Header		REMARKS																				
TYPE / SN SBE 9+		08P6012-0256		DATA ON				00-73ND		CTD008		MAX DEPTH = 3450m																				
TEMP SN 1: 1371		2: 1384		START DOWN																												
COND SN 1: 1041		2: 1030		AT DEPTH																												
TRANS T1024D		09P6012		AT SURFACE																												
FLUOR 101S		PAR 4328																														
TRIP		PRESSURE		PRI. TEMP		SEC. TEMP		PRI. SALINITY		SEC. SALINITY		PAR		SALINITY		SAL.		CHLOR		TEW		AFSC NUTRS.										
POS. DEPTH																																
1		3515																1		20,21												
2		3490																2		R1-R4		22										
3		3440																3		23												
4		3390																4		24												
5		3340																		25												
6		3190																6		26												
7		2990																		27												
8		2650																		28												
9		2350																		29												
10		2050																		30												
11		1750																		31												
12		1450																6		32												

SEA-BIRD 9/11+ CTD DATA

SAMPLE BOTTLE NUMBER

Block

4300

VESSEL		PROJECT & LEG		STATION DESIGNATION											
OSU R/V WECOMMA		WECOMMA													
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
0105650.000N	17500.01W	28 MAY 98	1748	3.9	3.3	0528	45	27	22	33	74	9-1			
CTD		TIMES		JD / TIME		DATA LOCATION		REMARKS							
TYPE / SN SBE 9+ 08P8012-0256		DATA ON				Tape/Diskette ID		File Name/Header							
TEMP SN 1: 1371 2: 1384		START DOWN						CTD 010							
COND SN 1: 1041 2: 1030		AT DEPTH													
TRANS T1024D 09P8012		AT SURFACE													
FLUOR 101S PAR 4329															
SEA-BIRD 9/11+ CTD DATA															
POS.	TRIP DEPTH	PRESSURE	PRI. TEMP	SEC. TEMP	PRI. SALINITY	SEC. SALINITY	PAR	SALINITY	SAL.	CHLOR	TEW	AFSC	NUTRS.		
1	3407										21	184			
2	3382										22				
3	3307										23				
4	3257										24				
5	3127										25				
6	2907										26				
7	2507										27				
8	2307										28				
9	2407										29				
10	1707										30				
11	1482										31				
12	1232										32				

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[illegible][illegible]

VESSEL		PROJECT & LEG		STATION DESIGNATION											
OSU RV WECCOMA		WE98-05B		3130											
CONSC	LATITUDE	LONGITUDE	DATE JD-	TIME (GMT)	DRY BULB	WET BULB	PRESSURE	SEA STATE	VISIBILITY	WIND DIR.	WIND SPD.	WIND QUD (amt)	WEATHER	BOTTOM DEPTH	STA NAME/ID
CAST #	DEG MIN	DEG MIN	DAY MO YR	HR MIN	(C)	(C)	(mb)	.	.	(deg)	(kts)	.	.	(m)	
1554	07.02 N	17500.01 W	29 MAY 98	2300	5.0	5.0	944	3	020	11	874	3696	13-1		
CTD		TIMES		JD / TIME		DATA LOCATION		REMARKS							
TYPE / SN SBE 9+		09P6012-0256		DATA ON		Tape/Diskette ID		File Name/Header							
TEMP SN 1: 1371		2: 1384		START DOWN		00 → 200		CTD015							
COND SN 1: 1041		2: 1030		AT DEPTH											
TRANS T1024D		09P6012		AT SURFACE											
FLUOR 101S		PAR 4329												MAX. DEPTH = 3674 m	
SEA-BIRD 9/11+ CTD DATA															
POS.	TRIP DEPTH	PRESSURE	PRI. TEMP	SEC. TEMP	PRI. SALINITY	SEC. SALINITY	PAR	SALINITY	SAMPLE BOTTLE DATA	SAMPLE BOTTLE NUMBER					
1	3741									SAL.	CHLOR	TEW	NUTRS	AFSC NUTRS.	
2	3690									10			13.16		
3	3640														
4	3590														
5	3440														
6	3240														
7	2890														
8	2640														
9	2340														
10	2040														
11	1740														
12	1440														

50
50
50
50
50
150
200
350
250
300
300
300
300

3720

VESSEL		PROJECT & LEG		STATION DESIGNATION											
OSU RV WECOMA		WE98-05B													
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
16	53 25.01 N	175 00.00 W	30 MAY 98		5.0	5.0	955	6	3	25	04	/	4	3696	14-1
CTD		TIMES		JD / TIME		DATA LOCATION		REMARKS							
TYPE / SN SBE 9+		08P6012-0256		DATA ON		Tape/Diskette ID		File Name/Header							
TEMP SN 1: 1371		2: 1384		START DOWN		00-2-20		CTD016							
COND SN 1: 1041		2: 1030		AT DEPTH											
TRANS T1024D		08P6012		AT SURFACE											
FLUOR 101S		PAR 4329												MAX. DEPTH = 3676 m	

SEA-BIRD 9/11+ CTD DATA										SAMPLE BOTTLE DATA		SAMPLE BOTTLE NUMBER			
POS.	TRIP DEPTH	PRESSURE	PRI. TEMP	SEC. TEMP	PRI. SALINITY	SEC. SALINITY	PAR	SALINITY	SAL.	CHLOR	TEMP	NUTRS	AFSC NUTRS.		
1	3745								11		1	91.84			
2	3690										2				
3	3640										3				
4	3590										4				
5	3440										5				
6	3240														
7	2890														
8	2640														
9	2340														
10	2040														
11	1740														
12	1440														

50
50
50
50
150
200
350
250
300
300
300

VESSEL		PROJECT & LEG		STATION DESIGNATION																						
OSU RV WECOMMA		WECOMMA-05B																								
CONSC CAST #	LATITUDE	DEG	MIN	LONGITUDE	DEG	MIN	DATE	JD	MO	YR	HR	MIN	TIME (GMT)	DRY BULB	WET BULB	PRESSURE	SEA STATE	VISIBILITY	WIND DIRN	WIND SPD	CLOUD (amt)	TYPE	WEATHER	BOTTOM DEPTH	STA NAME/ID	
117	53 25.02 N			175 00.00 W			30	MA	Y	98	00	41	5.0	5.0	5.0	653	330	3	3	3	3	3	3	3	3	3
CTD		TIMES		JD / TIME		DATA LOCATION																				
TYPE / SN SBE 9+		09P6012-0256		DATA ON		Tape/Diskette ID																				
TEMP SN 1: 1371		2: 1384		START DOWN		File Name/Header																				
COND SN 1: 1041		2: 1030		AT DEPTH		CTD017																				
TRANS T1024D		09P6012		AT SURFACE		MAX DEPTH = 1000 m																				
FLUOR 101S		PAR 4328																								
SEA-BIRD 9/11+ CTD DATA																										
POS.	TRIP	PRESSURE	PRI TEMP	SEC TEMP	PRI SALINITY	SEC SALINITY	PAR	SALINITY	SAL	CHLOR	TEMP	NUTRS	AFSC NUTRS.	SAMPLE BOTTLE DATA												
1	1000								#12		21			Red												
2	800																									
3	600																									
4	400																									
5	300																									
6	200																									
7	150																									
8	100																									
9	75																									
10	50																									
11	25																									
12	0													32												

[illegible][illegible]

VESSEL		PROJECT & LEG		STATION DESIGNATION												
OSU RV WECCMA		WE98-05B														
CONSC CAST #	LATITUDE	LONGITUDE	DATE JD-	TIME (GMT)	DRY BULB	WET BULB	PRESSURE	SEA STATE	VISIBILITY	WIND DIRN.	WIND SPD.	CLOUD (amt)	TYPE	WEATHER	BOTTOM DEPTH	STA NAME/ID
0195226.000 N	17500.01 W	30 MAY 98	170303.903.901	48260228	622664	16-1										
CTD		TIMES		JD / TIME		DATA LOCATION		REMARKS								
TYPE / SN SBE 9+ 09P6012-0256		DATA ON				Tape/Diskette ID		File Name/Header								
TEMP SN 1: 1371 2: 1384		START DOWN														
COND SN 1: 1041 2: 1030		AT DEPTH														
TRANS T1024D 09P6012		AT SURFACE														
FLUOR 101S PAR 4329																
SEA-BIRD 9/11+ CTD DATA																
POS.	TRIP DEPTH	PRESSURE	PRI. TEMP	SEC. TEMP	PRI. SALINITY	SEC. SALINITY	PAR	SALINITY	SAL.	CHLOR	TEW	AFSC	NUTRS.			
1	2675								14							
2	2625															
3	2550															
4	2500															
5	2350															
6	2150															
7	1800															
8	1550															
9	1375															
10	1150															
11	775															
12	575															

deep reps 17-24

[illegible][illegible]

VESSEL		PROJECT & LEG		STATION DESIGNATION											
OSU R/V WECCMA		WE98-05B													
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
21	51.58.00	N 177.59.99	W 31	MAY 98	0715	3.9	3.9	91041	265	208	621	337	18-1		
CTD		TIMES		JD / TIME		DATA LOCATION		REMARKS							
TYPE / SN SBE 9+		08P6012-0256		DATA ON		Tape/Diskette ID		File Name/Header							
TEMP SN 1: 1371		2: 1384		START DOWN											
COND SN 1: 1041		2: 1030		AT DEPTH											
TRANS T1024D		08P6012		AT SURFACE											
FLUOR 101S		PAR 4329													
SEA-BIRD 9/11+ CTD DATA															
POS.	TRIP DEPTH	PRESSURE	PRI. TEMP	SEC. TEMP	PRI. SALINITY	SEC. SALINITY	PAR	SALINITY	SAMPLE BOTTLE DATA						
1	1337								81						
2	1100								1 Rep						
3	800														
4	600														
5	400								2000						
6	300														
7	200														
8	100														
9	75														
10	50														
11	25								A						
12	0								17						

VESSEL		PROJECT & LEG		STATION DESIGNATION												
OSU RV WECOMA		WECB-058														
CONSC CAST #	LATITUDE	LONGITUDE	DATE JD-	TIME (GMT)	DRY BULB	WET BULB	PRESSURE	SEA STATE	VISIBILITY	WIND DIRN	WIND SPD	CLOUD (amt)	TYPE	WEATHER	BOTTOM DEPTH	STA NAME/ID
0225505.20N	17759.96W	31 MAY 98	0957	4.4	3.9	1137	260	18	875	2725	19-1					
CTD		TIMES		JD / TIME		DATA LOCATION		REMARKS								
TYPE / SN SBE 9+		09P6012-0256		DATA ON		Tape/Diskette ID		File Name/Header								
TEMP SN 1: 1371		2: 1384		START DOWN												
COND SN 1: 1041		2: 1030		AT DEPTH												
TRANS T1024D		09P6012		AT SURFACE												
FLUOR 101S		PAR 4329														
SEA-BIRD 9/11+ CTD DATA																
POS.	TRIP	PRESSURE	PRI. TEMP	SEC. TEMP	PRI. SALINITY	SEC. SALINITY	PAR	SALINITY	SAL.	CHLOR	TEW	NUTRS	AFSC NUTRS.			
1	27451	leaky bleader valve gasbot							15			21	blue			
2	27001															
3	26501															
4	26001															
5	24501															
6	22501															
7	19001															
8	16001															
9	13001															
10	10801	leaky bleader valve gasbot														
11	8801															
12	6801															

33-36 bottom reqs

32

VESSEL		PROJECT & LEG		STATION DESIGNATION											
OSU R/V WECOMA		WEE98-05B													
CONSC CAST #	LATITUDE	LONGITUDE	DATE JD=	TIME (GMT)	DRY BULB (C)	WET BULB (C)	PRESSURE (mb)	SEA STATE	VISIBILITY	WIND DIRN.	WIND SPD. (kts)	CLOUD (amt)	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID
0235218.01N	17759.98W	31 MAY 98	13424.4	4.4	124728	14875	3435	20-1							
CTD		TIMES		JD / TIME		DATA LOCATION		REMARKS							
TYPE / SN SBE 9+ 08P6012-0256		DATA ON				Tape/Diskette ID		File Name/Header							
TEMP SN 1: 1371 2: 1384		START DOWN													
COND SN 1: 1041 2: 1030		AT DEPTH													
TRANS T1024D 09P6012		AT SURFACE													
FLUOR 1015 PAR 4328															
SEA-BIRD 9/11+ CTD DATA															
POS.	TRIP DEPTH	PRESSURE	PRI. TEMP	SEC. TEMP	PRI. SALINITY	SEC. SALINITY	PAR	SALINITY	SAL.	CHLOR	TEMP	NUTRS	AFSC NUTRS.		
1	3470														
2	3420														
3	3370														
4	3320														
5	3170														
6	2970														
7	2620														
8	2320														
9	2020														
10	1795														
11	1595														
12	1395														

reqs 13-16

[illegible]

BtEs 1, 2 all cracked, vent not tight.
ZtEs #5, spigot pushed in.

3716

* Made hook @ CTD plumbing
may have changed it

VESSEL		PROJECT & LEG		STATION DESIGNATION													
OSU RV WECOMM		WE98-05B															
CONSC CAST #	LATITUDE	LONGITUDE	DATE JD=	TIME (GMT)	DRY BULB	WET BULB	PRESSURE	SEA STATE	VISIBILITY	WIND DIRN.	WIND SPD.	CLOUD (amt)	TYPE	WEATHER	BOTTOM DEPTH	STA. NAME/ID	
0 2 5	53 35 . 00 N	178 00 . 00 W	0184	18	42	6.1	5.6	1548	—	2	8623787	2	2	1			
CTD		TIMES		JD / TIME		DATA LOCATION		Tape/Diskette ID		File Name/Header		REMARKS					
TYPE / SN SBE 9+		09P8012-0256		DATA ON						CTD025		MAX. DEPTH = 3761 m					
TEMP SN 1: 1371 2: 1384		START DOWN															
COND SN 1: 1041 2: 1030		AT DEPTH															
		AT SURFACE															
SEA-BIRD 9/11+ CTD DATA																	
POS.	TMP DEPTH	PRESSURE	PRI. TEMP	SEC. TEMP	PRI. SALINITY	SEC. SALINITY	PAR	SALINITY	SAL.	CHLOR	TEMP	TEMP	TEMP	TEMP	TEMP	TEMP	
7	3829								16	1							
8	3780									2							
9	3730									3							
10	3680									4							
11	3530									5							
12	3330									6							
1	2980									7							
2	2730									8							
3	2430									9							
4	2130									10							
5	1830									11							
6	1530									12							

#2 Sealed, vent not tight.

[illegible]

[illegible]

SEA-BIRD 9/11 + CTD DATA							SAMPLE BOTTLE DATA		BLOCK SAMPLE BOTTLE NUMBER			
POS.	TRIP DEPTH	PRESSURE	PRI. TEMP	SEC. TEMP	PRI. SALINITY	SEC. SALINITY	PAR	SALINITY	SAL.	CHLOR	TW/NUTRS	AFSC. NUTRS.
7	3822								19		1 Reps	
8	3770											
50	3720											
50	3670											
10	3520											
150	3520											
11	3320											
200	3320											
12	2970											
350	2970											
1	2720											
250	2720											
2	2420											
300	2420											
3	2120											
300	2120											
4	1820											
300	1820											
5	1520											
300	1520								20		12	

3350

VESSEL		PROJECT & LEG		STATION DESIGNATION	
OSU RV WECOMMA		WEE98-05B			
CONSC CAST #		LATITUDE		LONGITUDE	
0305630		0000 N		0101 W	
CTD		TIMES		DATE JD=	
TYPE / SN SBE 9+		DATA ON		DAY MO YR	
TEMP SN 1: 1371		START DOWN		02 JUN 98	
COND SN 1: 1041		AT DEPTH			
		AT SURFACE			
		Tape/Diskette ID		DATA LOCATION	
		File Name/Header			
		REMARKS			
		MAX. DEPTH = 3720m			
SEA-BIRD 9/11+ CTD DATA					
POS.	TRIP DEPTH	PRESSURE	PPL TEMP	PPL SALINITY	SEC. SALINITY
7	3787				
8	3730				21
9	3680				
10	3630				
11	3480				22
12	3280				
1	2930				
2	2680				
3	2380				
4	2080				
5	1780				
6	1480				
		SAMPLE BOTTLE DATA		SAMPLE BOTTLE NUMBER	
		SALINITY		SAL.	
		CHLOR		TEW/NUTRS	
				AFSC/NUTRS	

[illegible]

[illegible]

[illegible]

3830

VESSEL		PROJECT & LEG		STATION DESIGNATION														
OSU RV WECOMIA		WES8-058																
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)	TYPE	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID
	DEG	MIN	DEG	MIN														
345524.00N	17914.98E	03	11	98	213	4	4	4	074	3	120	16	874	3825	29-1	REMARKS CONTAINER FROZEN ROSETTE AND/OR CARS LAST SIX BOTTLES NOT MAX. DEPTH = 3802m		
CTD						TIMES						DATA LOCATION						
TYPE / SN SBE 9+ 09P6012-0256						DATA ON						File Name/Header						
TEMP SN 1: 1371 2: 1384						START DOWN						Tape/Diskette ID						
COND SN 1: 1041 2: 1030						AT DEPTH						C1D034						
TRANS T1024D 09P6012						AT SURFACE												
FLUOR 101S PAR 4329																		
SEA-BIRD 9/11+ CTD DATA																		
TRIP		PRESSURE		PRI. TEMP		SEC. TEMP		PRI. SALINITY		SEC. SALINITY		PAR		SAMPLE BOTTLE DATA		SAMPLE BOTTLE NUMBER		
POS.	DEPTH													SALINITY	SAL.	CHLOR	TEW	AFSC NUTRS.
1	3872																	
2	3872																	
3	3820																	
4	3770																	
5	3720																	
6	3570																	
7																		
8																		
9																		
10																		
11																		
12																		

+50
+50
+50
+150
+250
+400
+300
+350
+350
+350

* using upper deck unit

VESSEL OSU R/V WECOMA		PROJECT & LEG WE98-058				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)		WIND TYPE		WEATHER		BOTTOM DEPTH (m)		STA. NAME/ID	
035513.02N		17846.97E				17846.97E				0303				0852				3.3		3.3		3.306		4		125		17874		3800		30-1							
CTD		TIMES				CJD / TIME				Tape/Diskette ID				DATA LOCATION				File Name/Header				REMARKS																	
TYPE / SN SBE 9+ 08P6012-0256		DATA ON																				changed BTZ 1																	
TEMP SN 1:1371 2:1384		START DOWN																				for a titanium																	
COND SN 1:1041 2:1030		AT DEPTH																				one &																	
TRANS T1024D 08P6012		AT SURFACE																				MAX. DEPTH = m																	
FLUOR 101S PAR 4329																																							
SEA-BIRD 9/11+ CTD DATA												SAMPLE BOTTLE NUMBER																											
TRIP DEPTH		PRESSURE		PRI. TEMP		SEC. TEMP		PRI. SALINITY		SEC. SALINITY		PAR		SALINITY		SAL		CHLOR		TEW		NUTRS		AFSC NUTRS.															
1 3860														25						1 rep3																			
2 3810																				1																			
3 3700																				1																			
4 3400																				1																			
5 3100																				1																			
6 2860																				1																			
7 2500																				1																			
8 2200																				1																			
9 21900																				1																			
10 11600																				1																			
11 11400																				1																			
12 1200																				12																			

winch problems at end of cast - touched down on bottom, lifted off easily

[illegible]

[illegible]

VESSEL		PROJECT & LEG		STATION DESIGNATION																													
OSU RV WECOMA		WE98-05B																															
CONSC CAST #		LATITUDE		LONGITUDE		DATE JD=		TIME (GMT)		WET BULB		PRESSURE		SEA STATE		VISIBILITY		WIND DIRN		WIND SPD		CLOUD (amt)		TYPE		WEATHER		BOTTOM DEPTH		STA. NAME/ID			
DEG		M/N		DEG		M/N		DAY		MO		YR		HR		MIN		°C		°C		(mb)		.		.		(m)					
0385457.20		N		19806.00		E		03		JUN		98		17		47		3.9		3.9		3.90443		180		19		-4		1174		32-1	
CTD		TYPE / SN SBE 9+		09P6012-0256		DATA ON		JD / TIME		Tape/Diskette ID		DATA LOCATION		File Name/Header		REMARKS																	
TEMP SN 1: 1371		2: 1384		START DOWN																													
COND SN 1: 1041		2: 1030		AT DEPTH																													
				AT SURFACE																													

[illegible]

[illegible]

PG ____ OF ____

VESSEL		PROJECT & LEG		STATION DESIGNATION														
OSU RV WECOMA		WE98-05B																
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)	TYPE	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID
	DEG	MIN	DEG	MIN														
465401	98	N	17500	00	04	00	23	02	5.0	5.0	46	03	02	22	875		3909	40-1
<div>CTD</div> <div>TYPE / SN SBE 9+ 09P6012-0256</div> <div>DATA ON</div> <div>TEMP SN 1: 1371 2: 1384</div> <div>COND SN 1: 1041 2: 1030</div> <div>START DOWN</div> <div>AT DEPTH</div> <div>AT SURFACE</div>																		
<div>DATA LOCATION</div> <div>Tape/Diskette ID</div> <div>File Name/Header</div>																		
<div>REMARKS</div> <div>MAX DEPTH = 3886 m</div>																		

[illegible]

[illegible]

[illegible]

[illegible]

MAX. DEPTH = 8.45 m

[illegible]

[illegible]

VESSEL		PROJECT & LEG		STATION DESIGNATION																
OSU RV WECOMA		WE98-05B																		
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)	TYPE WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID			
	DEG	MIN	DEG	MIN														DAY	MO	YR
0565	16	69	17	30	6	12	4	4	4	4	8	3	4	2	18	5	3	6	11	49-1
<div>CTD</div> <div>TYPE /SN SBE 9+ 08P6012-0256</div> <div>DATA ON</div> <div>TEMP SN 1:1371 2:1384</div> <div>START DOWN</div> <div>COND SN 1:1041 2:1030</div> <div>AT DEPTH</div> <div>TRANS T1024D 08P6012</div> <div>AT SURFACE</div> <div>FLUOR 101S PAR 4329</div>																				
<div>DATA LOCATION</div> <div>File Name/Header</div> <div>Tape/Diskette ID</div> <div>MAX. DEPTH = m</div>																				
<div>REMARKS</div> <div>ctd error light on</div> <div>at ~3450 dbar</div>																				

VESSEL		PROJECT & LEG				STATION DESIGNATION													
OSU RV WECOMA		WE98-QSB																	
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
DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN	(°C)	(°C)	(mb)			(deg)	(kts)			(m)	
585311.03N		17819.99W		07	JUN	98	06	27	3.9	3.3	995	5	8	305	16	73	13	3798	51-1
<div>CTD</div> <div>TYPE / SN SBE 9+ 08P8012-0256 DATA ON</div> <div>TEMP SN 1: 1371 2: 1384</div> <div>COND SN 1: 1041 2: 1030</div> <div>TRANS T1024D 08P8012</div> <div>FLUOR 101S PAR 4329</div>																			
<div>TIMES</div> <div>JD / TIME</div> <div>E</div>																			
<div>DATA LOCATION</div> <div>File Name/Header</div>																			
<div>REMARKS</div> <div>3790</div>																			
<div>MAX. DEPTH = m</div>																			

SEA-BIRD 9/11+ CTD DATA										SAMPLE BOTTLE NUMBER			
SAMPLE BOTTLE DATA					SAMPLE BOTTLE DATA					SAMPLE BOTTLE DATA			
POS.	TRIP DEPTH	PRESSURE	PRI. TEMP	SEC. TEMP	PRI. SALINITY	SEC. SALINITY	PAR	SALINITY	SAL.	CHLOR	NUTRS	AFSC NUTRS.	
✓	3864												
✓	3810								40				
✓	3760												
✓	3710												
✓	3560												
✓	3260												
✓	3010												
✓	2760												
9	2460												
10	2160												
11	1860												
12	1560												

50
50
50
150
200
350
250
300
200
200
300

[illegible]

blke
rps 13-16

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

black

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

VESSEL										PROJECT & LEG										STATION DESIGNATION																																									
OSU RV WECOMA										WE98-05B																																																			
CONSC CAST #		LATITUDE				LONGITUDE				DATE JD=				TIME (GMT)				WET BULB				PRESSURE				SEA STATE				VISIBILITY				WIND DIRN				WIND SPD				CLOUD (amt)				TYPE				WEATHER				BOTTOM DEPTH				STA. NAME/ID			
885030.00N		17740.00W				11 JUN 98				257				5.1				5.6				8.1				8.6				21				862				639				81-1																			
CTD										JD / TIME										DATA LOCATION										REMARKS																															
TYPE / SN SBE 9+ 09P6012-0256										Tape/Diskette ID										File Name/Header																																									
TEMP SN 1: 1371 2: 1384																																																													
COND SN 1: 1041 2: 1030																																																													
AT DEPTH																																																													
AT SURFACE																																																													
MAX. DEPTH =																																																													
m																																																													

SEA-BIRD 9/11 + CTD DATA										SAMPLE BOTTLE DATA				SAMPLE BOTTLE NUMBER			
POS.	TRIP DEPTH	PRESSURE	PRI TEMP	SEC TEMP	PRI SALINITY	SEC SALINITY	PAR	SALINITY	SAL.	CHLOR	TEW/NUTRS	AFSC/NUTRS					
1/	1522								57								
2/	6000																
3/	5600																
4/	5200																
5/	4800								58								
6/	4400																
7/	4000																
8/	3600																
9/	3200								59								
10/	2800																
11/	2400																
12	2000																

VESSEL		PROJECT & LEG		STATION DESIGNATION																							
OSU RV WECOMA		WE98-05B																									
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)	TYPE	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID									
	DEG	MIN	DEG	MIN															DAY	MO	YR	HR	MIN	(°C)	(°C)	(mb)	
089	50	43	.00	N	17	33	0	11	W	11	J	U	N	9	8	23	21	6.7	6.1	1047	210	20	87	27	200	82	-1
CTD		TIMES		JD / TIME		DATA LOCATION		Tape/Diskette ID		File Name/Header		REMARKS															
TYPE / SN SBE 9+ 09P6012-0256		DATA ON																									
TEMP SN 1: 1371 2: 1384		START DOWN																									
COND SN 1: 1041 2: 1030		AT DEPTH																									
		AT SURFACE																									
														MAX. DEPTH = 6801 m													

SEA-BIRD 9/11+ CTD DATA										SAMPLE BOTTLE DATA				SAMPLE BOTTLE NUMBER			
POS.	TRIP DEPTH	PRESSURE	PRI. TEMP	SEC. TEMP	PRI. SALINITY	SEC. SALINITY	PAR	SALINITY	SAL	CHLOR	TEW/NUTRS	AFSC NUTRS.					
1	1569								62		21						
2	6500																
3	6100																
4	5700																
5	5200																
6	4900																
7	4500								60								
8	4100																
9	3700																
10	3300																
11	2900																
12	2400								61		32						

[illegible]

[illegible]

VESSEL		PROJECT & LEG		STATION DESIGNATION														
OSU RV MECOMA		WE98-05B																
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 (am)	WEATHER	BOTTOM DEPTH (m)	STA NAME/ID
	DEG	MIN	DEG	MIN	DAY	MO												
945138.00N	17330.14W	17330.14	17330.14	12	JUN	98	2304	7.8	6.7	1238	3	8	00	09	78	24236	86-1	
CTD		TIMES		JD / TIME		DATA LOCATION												
TYPE / SN SBE 9+ 09P6012-0256		DATA ON				File Name/Header												
TEMP SN 1: 1371 2: 1384		START DOWN				C13094												
COND SN 1: 1041 2: 1030		AT DEPTH																
		AT SURFACE				MAX DEPTH = m												
SEA-BIRD 9/11+ CTD DATA																		
POS.	TRIP DEPTH	PRESSURE	PRL TEMP	SEC TEMP	PRI SALINITY	SEC SALINITY	PAR	SAMPLE BOTTLE DATA		SAMPLE BOTTLE NUMBER								
✓ 1	4291								SALINITY	SAL.	CHLOR	TEW NUTRS	AFSC NUTRS					
✓ 2	4000									69		1						
✓ 3	3500									empty		X						
4	3400																	
✓ 5	3100																	
✓ 6	2800									70								
✓ 7	2500																	
✓ 8	2200																	
✓ 9	1900																	
✓ 10	1600																	
11	1300																	
12	1000												12					

[illegible]

[illegible]

[illegible]

VESSEL		PROJECT & LEG		STATION DESIGNATION	
OSU RV WECOMA		WE98-05B			
CONSC CAST #	LATITUDE		LONGITUDE		DATE JD=
	DEG	MIN	DEG	MIN	
101	52	22.01	N	17	143.98
	W	13	MA	19	8
CTD		JD/TIME		TIME (GMT)	
TYPE / SN SBE 9+ 09P6012-0256		DATA ON		DRY BULB (°C)	
TEMP SN 1: 1371 2: 1384		START DOWN		WET BULB (°C)	
COND SN 1: 1041 2: 1030		AT DEPTH		PRESSURE (mb)	
TRANS T1024D 09P6012		AT SURFACE		SEA STATE	
FLUOR 101S PAR 4329				VISIBILITY	
				WIND DIRN. (deg)	
				WIND SPD. (kts)	
				CLOUD (amt)	
				WEATHER	
				BOTTOM DEPTH (m)	
				STA. NAME/ID	
				REMARKS	
				MAX. DEPTH = m	

SEA-BIRD 9/11+ CTD DATA					
SAMPLE BOTTLE DATA		SAMPLE BOTTLE NUMBER			
		SAL.	CHLOR	TEW	AFSC NUTRS.
TRIP	DEPTH				
1					
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					

