VESSEL	PROJECT & LEG	STATION DESIGNATION
NOAA R/V MILLER FREEMAN	MI #	

CONSC CAST #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DATE JD=053 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
001	57	42.90 N	152	17.34 W	22	FEB	06	23	33	1.8	-1.8	34			250	17				142	

CTD		TIMES	JD/TIME	DATA LOCATION		REMARKS
TYPE & SN	9+ S/N 91220A	DATA ON		Tape/Diskette ID	File Name/Header	NO PAR OR FLUOR. (on any CTDs)
PRESS SN	80020	START DOWN		MF-06-02	CTD 001	before serial #
PRI COND SN	915	AT DEPTH				05CB-19
PRI TEMP SN	710	AT SURFACE				MAX. DEPTH = 134 m
SEC COND SN	884					132 w/o
SEC TEMP SN	304					

☐ PAR 4242 ☐ WETSTAR 678 ☐ Dissolved Oxygen _____ ☐ Dissolved Oxygen _____ ☐ **Cleaned air bleed valve**

POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES					SAMPLE BOTTLE DATA	SAMPLE BOTTLE NUMBER			
		PRESSURE	PRI. TEMP.	SEC. TEMP.	PRI. SALINITY	SEC. SALINITY	SALINITY	SAL.	MORDY's NUTR.	CHL.	WHIT's NUTR.
1	134							55			
2	0										
3	0										
4	0										
5	0										
6	0										
7	0										
8	0										
9											
10											
11											
12											

VESSEL	PROJECT & LEG	STATION DESIGNATION
NOAA R/V MILLER FREEMAN	MI #	

CONSC CAST #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DATE JD= 054 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
00	25	43.48 N	152	18.29 W	22	FEB	06	01	25	2.3	-0.5	33			291	21				151	

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	JD/TIME
DATA ON	
START DOWN	
AT DEPTH	
AT SURFACE	

DATA LOCATION

Tape/Diskette ID	File Name/Header
MF-06-02	CTD 002

REMARKS

after dogl of 06CB-1A

MAX. DEPTH = m

139 m w/o

☐ PAR 4242 ☐ WETSTAR 678 ☐ Dissolved Oxygen _____ ☐ Dissolved Oxygen _____ ☐ **Cleaned air bleed valve**

POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP.	PRI. SALINITY	SEC. SALINITY	SAMPLE BOTTLE DATA: SALINITY	SAMPLE BOTTLE NUMBER: SAL.	MORDY's NUTR.	CHL.	WHIT's NUTR.
1	142							17			
2	0										
3	0										
4	0										
5	0										
6	0										
7	0										
8	0										
9											
10											
11											
12											

VESSEL	PROJECT & LEG	STATION DESIGNATION
NOAA R/V MILLER FREEMAN	MI #	

CONSC CAST #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DATE DAY	DATE MO	DATE YR	TIME (GMT) HR	TIME (GMT) 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
003	57	28.93 N	154	48.27 W	23	FEB	016	17	35	0.4	-1.2	28			325	18				186	

JD= 054

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	JD/TIME
DATA ON	
START DOWN	
AT DEPTH	
AT SURFACE	

DATA LOCATION

Tape/Diskette ID	File Name/Header
MF-06-02	CTD 003

REMARKS

Pre recovery CTD at 05 55P-3A

MAX. DEPTH = m

181 w/o

☐ PAR 4242 ☐ WETSTAR 678 ☐ Dissolved Oxygen _____ ☐ Dissolved Oxygen _____ ☐ **Cleaned air bleed valve**

POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP.	PRI. SALINITY	SEC. SALINITY	SAMPLE BOTTLE DATA: SALINITY	SAMPLE BOTTLE NUMBER: SAL.	MORDY's NUTR.	CHL.	WHIT's NUTR.
1	181							12			
2	0										
3	0										
4	0										
5	0										
6	0										
7	0										
8	0										
9											
10											
11											
12											

VESSEL	PROJECT & LEG	STATION DESIGNATION
NOAA R/V MILLER FREEMAN	MI #	

CONSC CAST #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DATE JD=054 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
004	57	36.94 N	155	04.51 W	23	FEB	06	20	17	-0.4	-0.8	27			339	25				244	

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	JD/TIME
DATA ON	
START DOWN	
AT DEPTH	
AT SURFACE	

DATA LOCATION

Tape/Diskette ID	File Name/Header
MF-06-02	CTD 004

REMARKS

Prior to recovery
05SSP-2A

MAX. DEPTH = m
237 m w/o

☐ PAR 4242 ☐ WETSTAR 678 ☐ Dissolved Oxygen ____ ☐ Dissolved Oxygen ____ ☐ **Cleaned air bleed valve**

POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP.	PRI. SALINITY	SEC. SALINITY	SAMPLE BOTTLE DATA: SALINITY	SAMPLE BOTTLE NUMBER: SAL.	MORDY's NUTR.	CHL.	WHIT's NUTR.
1	240							015			
2	0										
3	0										
4	0										
5	0										
6	0										
7	0										
8	0										
9											
10											
11											
12											

VESSEL	PROJECT & LEG	STATION DESIGNATION
NOAA R/V MILLER FREEMAN	MI #	

CONSC CAST #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DATE JD=054 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
005	57	40.81 N	155	11.98 W	23	FEB	06	01	16	0.4	-1.5	27			002	24				286	

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	JD/TIME
DATA ON	
START DOWN	
AT DEPTH	
AT SURFACE	

DATA LOCATION

Tape/Diskette ID	File Name/Header
MF-06-02	CTD 005

REMARKS

prior to descent of 05SSP-1A

MAX. DEPTH = 281 m

278 w/o

☐ PAR 4242 ☐ WETSTAR 678 ☐ Dissolved Oxygen _____ ☐ Dissolved Oxygen _____ ☐ **Cleaned air bleed valve**

POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP.	PRI. SALINITY	SEC. SALINITY	SAMPLE BOTTLE DATA: SALINITY	SAMPLE BOTTLE NUMBER: SAL.	MORDY's NUTR.	CHL.	WHIT's NUTR.
1	281							111			
2	0										
3	0										
4	0										
5	0										
6	0										
7	0										
8	0										
9											
10											
11											
12											

VESSEL	PROJECT & LEG	STATION DESIGNATION
NOAA R/V MILLER FREEMAN	MI #	

CONSC CAST #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE 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
006	57	43.24 N	155	15.62 W	24	FEB	06	03	57	00.1	-2.5	30	3	8	324	23	2			153	

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	JD/TIME
DATA ON	
START DOWN	
AT DEPTH	
AT SURFACE	

DATA LOCATION

Tape/Diskette ID	File Name/Header
MF-06-02	CTD006

REMARKS

FOK 61

MAX. DEPTH = 145 m

☐ PAR 4242 ☐ WETSTAR 678 ☐ Dissolved Oxygen _____ ☐ Dissolved Oxygen _____ ☐ **Cleaned air bleed valve**

POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP.	PRI. SALINITY	SEC. SALINITY	SAMPLE BOTTLE DATA: SALINITY	SAMPLE BOTTLE NUMBER: SAL.	MORDY's NUTR.	CHL.	WHIT's NUTR.
1								104			
2	0										
3	0										
4	0										
5	0										
6	0										
7	0										
8	0										
9											
10											
11											
12											

VESSEL	PROJECT & LEG	STATION DESIGNATION
NOAA R/V MILLER FREEMAN	MI #	

CONSC CAST #	LATITUDE DEG	LATITUDE MIN		LONGITUDE DEG	LONGITUDE 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
007	57	40.97	N	155	10.05	W	24	FEB	06	04	32	-1.6	-3.0	30		8	330	22	2			6281	

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	JD/TIME
DATA ON	
START DOWN	
AT DEPTH	
AT SURFACE	

DATA LOCATION

Tape/Diskette ID	File Name/Header
MF-06-02	CTD 007

REMARKS

F0260

MAX. DEPTH = 274.1m

☐ PAR 4242 ☐ WETSTAR 678 ☐ Dissolved Oxygen _____ ☐ Dissolved Oxygen _____ ☐ **Cleaned air bleed valve**

POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES PRESSURE	PRI. TEMP.	SEC. TEMP.	PRI. SALINITY	SEC. SALINITY	SAMPLE BOTTLE DATA SALINITY	SAMPLE BOTTLE NUMBER (none) SAL.	MORDY's NUTR.	CHL.	WHIT's NUTR.
1											
2	0										
3	0										
4	0										
5	0										
6	0										
7	0										
8	0										
9											
10											
11											
12											

VESSEL	PROJECT & LEG	STATION DESIGNATION
NOAA R/V MILLER FREEMAN	MI #	

CONSC CAST #	LATITUDE DEG	LATITUDE MIN		LONGITUDE DEG	LONGITUDE 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
008	57	38.55	N	155	04.16	W	24	FEB	06	05	24	-0.4	Frozen	31	4	8	320	27	2			248	

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	JD/TIME
DATA ON	
START DOWN	
AT DEPTH	
AT SURFACE	

DATA LOCATION

Tape/Diskette ID	File Name/Header
MF-06-02	CTD 008

REMARKS

FOX59

MAX. DEPTH = 241 m

☐ PAR 4242 ☐ WETSTAR 678 ☐ Dissolved Oxygen _____ ☐ Dissolved Oxygen _____ ☐ **Cleaned air bleed valve**

POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP.	PRI. SALINITY	SEC. SALINITY	SAMPLE BOTTLE DATA: SALINITY	SAMPLE BOTTLE NUMBER: SAL.	MORDY's NUTR.	CHL.	WHIT's NUTR.
1								107			
2	0										
3	0										
4	0										
5	0										
6	0										
7	0										
8	0										
9											
10											
11											
12											

VESSEL	PROJECT & LEG	STATION DESIGNATION
NOAA R/V MILLER FREEMAN	MI #	

CONSC CAST #	LATITUDE DEG	LATITUDE MIN		LONGITUDE DEG	LONGITUDE 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
009	57	36.40	N	155	00.29	W	24	FEB	06	06	06	00.1	/ .	31	4	8	315	25	1			231	

Filled

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	JD/TIME
DATA ON	
START DOWN	
AT DEPTH	
AT SURFACE	

DATA LOCATION

Tape/Diskette ID	File Name/Header
MF-06-02	CTD 009

REMARKS

Fox 58

MAX. DEPTH = 221 m

☐ PAR 4242 ☐ WETSTAR 678 ☐ Dissolved Oxygen _____ ☐ Dissolved Oxygen _____ ☐ **Cleaned air bleed valve**

POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP.	PRI. SALINITY	SEC. SALINITY	SAMPLE BOTTLE DATA: SALINITY	SAMPLE BOTTLE NUMBER: SAL.	MORDY's NUTR.	CHL.	WHIT's NUTR.
1								65			
2	0										
3	0										
4	0										
5	0										
6	0										
7	0										
8	0										
9											
10											
11											
12											

VESSEL	PROJECT & LEG	STATION DESIGNATION
NOAA R/V MILLER FREEMAN	MI #	

CONSC CAST #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE 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
010	57	33.23 N	154	52.34 W	24	FEB	06	06	55	-0.4	Froze / .	31	4	8	315	27	1			226	

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	JD/TIME
DATA ON	
START DOWN	
AT DEPTH	
AT SURFACE	

DATA LOCATION

Tape/Diskette ID	File Name/Header
MF-06-02	CTD 010

REMARKS

Fox 57

MAX. DEPTH = 217 m

☐ PAR 4242 ☐ WETSTAR 678 ☐ Dissolved Oxygen _____ ☐ Dissolved Oxygen _____ ☐ **Cleaned air bleed valve**

POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP.	PRI. SALINITY	SEC. SALINITY	SAMPLE BOTTLE DATA: SALINITY	SAMPLE BOTTLE NUMBER: SAL.	MORDY's NUTR.	CHL.	WHIT's NUTR.
1								34			
2	0										
3	0										
4	0										
5	0										
6	0										
7	0										
8	0										
9											
10											
11											
12											

VESSEL	PROJECT & LEG	STATION DESIGNATION
NOAA R/V MILLER FREEMAN	MI #	

CONSC CAST #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE 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
011	57	30.83 N	154	46.96 W	24	FEB	06	07	38	-0.5	/	314	8	3	15	25	1			210	

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	JD/TIME
DATA ON	
START DOWN	
AT DEPTH	
AT SURFACE	

DATA LOCATION

Tape/Diskette ID	File Name/Header
MF-06-02	CTD 011

REMARKS

Fox 56

MAX. DEPTH = 199 m

☐ PAR 4242 ☐ WETSTAR 678 ☐ Dissolved Oxygen ____ ☐ Dissolved Oxygen ____ ☐ **Cleaned air bleed valve**

POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP.	PRI. SALINITY	SEC. SALINITY	SAMPLE BOTTLE DATA: SALINITY	SAMPLE BOTTLE NUMBER: SAL.	MORDY's NUTR.	CHL.	WHIT's NUTR.
1								58			
2	0										
3	0										
4	0										
5	0										
6	0										
7	0										
8	0										
9											
10											
11											
12											

VESSEL	PROJECT & LEG	STATION DESIGNATION
NOAA R/V MILLER FREEMAN	MI #	

CONSC CAST #	LATITUDE DEG	LATITUDE MIN		LONGITUDE DEG	LONGITUDE 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
01	25	28.52	N	154	42.27	W	24	FEB	06	08	13	10.5	1.	31	4	8	310	21	1			67	

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	JD/TIME
DATA ON	
START DOWN	
AT DEPTH	
AT SURFACE	

DATA LOCATION

Tape/Diskette ID	File Name/Header
MF-06-02	CTD012

REMARKS

Fox 55

MAX. DEPTH = 60 m

☐ PAR 4242 ☐ WETSTAR 678 ☐ Dissolved Oxygen _____ ☐ Dissolved Oxygen _____ ☐ **Cleaned air bleed valve**

POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP.	PRI. SALINITY	SEC. SALINITY	SAMPLE BOTTLE DATA: SALINITY	SAMPLE BOTTLE NUMBER: SAL.	MORDY's NUTR.	CHL.	WHIT's NUTR.
1								102			
2	0										
3	0										
4	0										
5	0										
6	0										
7	0										
8	0										
9											
10											
11											
12											

VESSEL	PROJECT & LEG	STATION DESIGNATION
NOAA R/V MILLER FREEMAN	MI #	

CONSC CAST #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DATE JD=056 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
013	55	10.67 N	161	41.59 W	25	FEB	06	21		3.3	2.03	5			320	21				82	

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 JD/TIME

DATA ON	
START DOWN	
AT DEPTH	
AT SURFACE	

DATA LOCATION

Tape/Diskette ID	File Name/Header
MF-06-02	CTD 013

REMARKS

prior to mov of 05PA-1A

MAX. DEPTH = m

74 w/o

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

POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP.	PRI. SALINITY	SEC. SALINITY	SAMPLE BOTTLE DATA: SALINITY	SAMPLE BOTTLE NUMBER: SAL.	MORDY's NUTR.	CHL.	WHIT's NUTR.
1	76							61			
2	0										
3	0										
4	0										
5	0										
6	0										
7	0										
8	0										
9											
10											
11											
12											

VESSEL
NOAA R/V MILLER FREEMAN

PROJECT & LEG
MF #

STATION DESIGNATION

CONSC CAST #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DATE JD=057 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
014	55	10.64 N	161	41.50 W	26	FEB	06	00	27	3.7	2.0	33			059	33				78	

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 JD/TIME

DATA ON ____

START DOWN ____

AT DEPTH ____

AT SURFACE

DATA LOCATION

Tape/Diskette ID: MF-06-02

File Name/Header: CTD 014

REMARKS

after depl. of 06PA-1A

MAX. DEPTH = 72 m

70 w/o

☐ 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
1	72					
2	0					
3	0					
4	0					
5	0					
6	0					
7	0					
8	0					
9						
10						
11						
12						

SAMPLE BOTTLE DATA

SAMPLE BOTTLE NUMBER

SALINITY	SAL.	MORDY's NUTR.	CHL.	WHIT's NUTR.
	027			

VESSEL	PROJECT & LEG / MI #	STATION DESIGNATION
NOAA R/V MILLER FREEMAN		

CONSC CAST #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE 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
015	52	42.20 N	168	49.57 W	27	FEB	06	12	29	6.8	-1.5	276			315	37	8			430	

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	JD/TIME
DATA ON	
START DOWN	
AT DEPTH	
AT SURFACE	

DATA LOCATION

Tape/Diskette ID	File Name/Header
MF-06-02	CTD 015

REMARKS

Inshore Gulf Stream

MAX. DEPTH = 404 m

questionable sounder for depth

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

POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP.	PRI. SALINITY	SEC. SALINITY	SAMPLE BOTTLE DATA: SALINITY	SAMPLE BOTTLE NUMBER: SAL.	MORDY's NUTR.	CHL.	WHIT's NUTR.
1								109			
2	0										
3	0										
4	0										
5	0										
6	0										
7	0										
8	0										
9											
10											
11											
12											

VESSEL	PROJECT & LEG	STATION DESIGNATION
NOAA R/V MILLER FREEMAN	MF #	

CONSC CAST #	LATITUDE DEG	LATITUDE MIN		LONGITUDE DEG	LONGITUDE 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	52	40.64	N	168	47.60	W	27	FEB	06	13	28	1.5	-1.0	28	6		325	368				1000	

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	JD/TIME
DATA ON	
START DOWN	
AT DEPTH	
AT SURFACE	

DATA LOCATION

Tape/Diskette ID	File Name/Header
MF-06-02	CTD 016

REMARKS

Depth off
Chart only
Alaska Stream

MAX. DEPTH = 932 m

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

POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP.	PRI. SALINITY	SEC. SALINITY	SAMPLE BOTTLE DATA: SALINITY	SAMPLE BOTTLE NUMBER: SAL.	MORDY's NUTR.	CHL.	WHIT's NUTR.
1								99			
2	0										
3	0										
4	0										
5	0										
6	0										
7	0										
8	0										
9											
10											
11											
12											

VESSEL	PROJECT & LEG	STATION DESIGNATION
NOAA R/V MILLER FREEMAN	MI #	Gulf Stream

CONSC CAST #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE 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
017	52	33.40 N	168	37.27 W	27	FEB	06	15	49	1.4	-1.0	287	7	8	310	34	2			216	

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	JD/TIME
DATA ON	
START DOWN	
AT DEPTH	
AT SURFACE	

DATA LOCATION

Tape/Diskette ID	File Name/Header
MF-06-02	CTD 017

REMARKS

Alaska Stream

MAX. DEPTH = 2004 m

2060 w/o

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

POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP.	PRI. SALINITY	SEC. SALINITY	SAMPLE BOTTLE DATA: SALINITY	SAMPLE BOTTLE NUMBER: SAL.	MORDY's NUTR.	CHL.	WHIT's NUTR.
1	2000							10			
2	0										
3	0										
4	0										
5	0										
6	0										
7	0										
8	0										
9											
10											
11											
12											

VESSEL	PROJECT & LEG	STATION DESIGNATION
NOAA R/V MILLER FREEMAN	MI #	

CONSC CAST #	LATITUDE DEG	LATITUDE MIN		LONGITUDE DEG	LONGITUDE MIN		DATE JD= 058 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
018	52	23.45	N	168	27.23	W	27	FEB	06	18	42	0.3	-0.6	29			298	30				3308	

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	JD/TIME
DATA ON	
START DOWN	
AT DEPTH	
AT SURFACE	

DATA LOCATION

Tape/Diskette ID	File Name/Header
MF-06-02	CTD 018

REMARKS

Alaska Stream

MAX. DEPTH = m

2022 W/O

☐ PAR 4242 ☐ WETSTAR 678 ☐ Dissolved Oxygen _____ ☐ Dissolved Oxygen _____ ☐ **Cleaned air bleed valve**

POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP.	PRI. SALINITY	SEC. SALINITY	SAMPLE BOTTLE DATA: SALINITY	SAMPLE BOTTLE NUMBER: SAL.	MORDY's NUTR.	CHL.	WHIT's NUTR.
1	2002							44			
2	0										
3	0										
4	0										
5	0										
6	0										
7	0										
8	0										
9											
10											
11											
12											

VESSEL	PROJECT & LEG	STATION DESIGNATION
NOAA R/V MILLER FREEMAN	MI #	

CONSC CAST #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DATE JD=058 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
019	52	10.48 N	168	11.66 W	27	FEB	06	22	00	1.4	-1.229				312	30				4424	

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	JD/TIME
DATA ON	
START DOWN	
AT DEPTH	
AT SURFACE	

DATA LOCATION

Tape/Diskette ID	File Name/Header
MF-06-02	CTD 019

REMARKS

Alaska Stream

MAX. DEPTH = m

2053 w/o

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

POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP.	PRI. SALINITY	SEC. SALINITY	SAMPLE BOTTLE DATA: SALINITY	SAMPLE BOTTLE NUMBER: SAL.	MORDY's NUTR.	CHL.	WHIT's NUTR.
1	2002							35			
2	0										
3	0										
4	0										
5	0										
6	0										
7	0										
8	0										
9											
10											
11											
12											

VESSEL
NOAA R/V MILLER FREEMAN

PROJECT & LEG
MI #

STATION DESIGNATION

CONSC CAST #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE 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
020	52	25.84 N	171	23.76 W	01	~~FEB~~ MAR	06	08	23	3.7	1.8	28			177	27				212	

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 JD/TIME

DATA ON _____

START DOWN _____

AT DEPTH _____

AT SURFACE

DATA LOCATION

Tape/Diskette ID: MF-06-02

File Name/Header: CTD020

REMARKS

E SIDE OF AMUKTA PASS

MAX. DEPTH = 195 w/o m

☐ PAR 4242 ☐ WETSTAR 678 ☐ Dissolved Oxygen _____ ☐ Dissolved Oxygen _____ ☐ **Cleaned air bleed valve**

POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP.	PRI. SALINITY	SEC. SALINITY	SAMPLE BOTTLE DATA: SALINITY	SAMPLE BOTTLE NUMBER: SAL.	MORDY's NUTR.	CHL.	WHIT's NUTR.
1	201							6			
2	0										
3	0										
4	0										
5	0										
6	0										
7	0										
8	0										
9											
10											
11											
12											

VESSEL	PROJECT & LEG	STATION DESIGNATION
NOAA R/V MILLER FREEMAN	Mf #	

CONSC CAST #	LATITUDE DEG	LATITUDE MIN		LONGITUDE DEG	LONGITUDE 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
021	52	25.85	N	171	27.17	W	01	~~FEB~~ MAR	06	09	14	4.1	1.8	28			184	35				415	

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 JD/TIME

DATA ON	
START DOWN	
AT DEPTH	
AT SURFACE	

DATA LOCATION

Tape/Diskette ID	File Name/Header
MF-06-02	CTD021

REMARKS

prior to repacking
05AMP-1A

MAX. DEPTH = m

WO 413

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

POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP.	PRI. SALINITY	SEC. SALINITY	SAMPLE BOTTLE DATA: SALINITY	SAMPLE BOTTLE NUMBER: SAL.	MORDY's NUTR.	CHL.	WHIT's NUTR.
1	406							9			
2	0										
3	0										
4	0										
5	0										
6	0										
7	0										
8	0										
9											
10											
11											
12											

VESSEL	PROJECT & LEG	STATION DESIGNATION
NOAA R/V MILLER FREEMAN	MI #	

CONSC CAST #	LATITUDE DEG	LATITUDE MIN		LONGITUDE DEG	LONGITUDE 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
	022	52.22.93	N	172	07.80	W	01	FEB	06	22	44	2.6	0.3	1046	2	8	0	16	8			36	21

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 JD/TIME mar

DATA ON	
START DOWN	
AT DEPTH	
AT SURFACE	

DATA LOCATION

Tape/Diskette ID	File Name/Header
MF-06-02	CTD 022

REMARKS

pierto recovery
05A MT-4A

MAX. DEPTH = 360 m

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

POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP.	PRI. SALINITY	SEC. SALINITY	SAMPLE BOTTLE DATA: SALINITY	SAMPLE BOTTLE NUMBER: SAL.	MORDY's NUTR.	CHL.	WHIT's NUTR.
1								25			
2	0										
3	0										
4	0										
5	0										
6	0										
7	0										
8	0										
9											
10											
11											
12											

VESSEL
NOAA R/V MILLER FREEMAN

PROJECT & LEG
MI #

STATION DESIGNATION

CONSC CAST #	LATITUDE DEG	LATITUDE MIN		LONGITUDE DEG	LONGITUDE 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
	023	5223.76	N	171	56.42	W	02	~~FEB~~	06	00	54	11.9	10.0	09	5	7	300	18	8			307	

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 JD/TIME March

DATA ON ____

START DOWN ____

AT DEPTH ____

AT SURFACE

DATA LOCATION

Tape/Diskette ID: MF-06-02

File Name/Header: CTD 023

REMARKS

Pre recovery of 05-AMLP-3A

MAX. DEPTH = 295 m

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

POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP.	PRI. SALINITY	SEC. SALINITY	SAMPLE BOTTLE DATA: SALINITY	SAMPLE BOTTLE NUMBER: SAL.	MORDY's NUTR.	CHL.	WHIT's NUTR.
1								41			
2	0										
3	0										
4	0										
5	0										
6	0										
7	0										
8	0										
9											
10											
11											
12											

VESSEL	PROJECT & LEG	STATION DESIGNATION
NOAA R/V MILLER FREEMAN	MI #	

CONSC CAST #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE 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
	024	52 25.39 N	171	41.58 W	02	~~FEB~~ MAR	06	03	34	0.8	-0.1	10			300	20				474	

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 JD/TIME

DATA ON	
START DOWN	
AT DEPTH	
AT SURFACE	

DATA LOCATION

Tape/Diskette ID	File Name/Header
MF-06-02	CTD 024

REMARKS

~~Pre~~ Post recovery CTD at 05 AMP-2A

MAX. DEPTH = 485 m

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

POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP.	PRI. SALINITY	SEC. SALINITY	SAMPLE BOTTLE DATA: SALINITY	SAMPLE BOTTLE NUMBER: SAL.	MORDY's NUTR.	CHL.	WHIT's NUTR.
1								114			
2	0										
3	0										
4	0										
5	0										
6	0										
7	0										
8	0										
9											
10											
11											
12											

VESSEL	PROJECT & LEG	STATION DESIGNATION
NOAA R/V MILLER FREEMAN	Mf #	

CONSC CAST #	LATITUDE DEG	LATITUDE MIN		LONGITUDE DEG	LONGITUDE MIN		DATE JD=061 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
025	52	26.71	N	171	27.60	W	02	~~FEB~~ MAR	06	05	42	2.7	1.0	10			301	12				436	

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 JD/TIME

DATA ON ____

START DOWN ____

AT DEPTH ____

AT SURFACE

DATA LOCATION

Tape/Diskette ID: MF-06-02

File Name/Header: CTD 025

REMARKS

after recov of 05AMP-1A

MAX. DEPTH = m

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

POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP.	PRI. SALINITY	SEC. SALINITY	SAMPLE BOTTLE DATA: SALINITY	SAMPLE BOTTLE NUMBER: SAL.	MORDY's NUTR.	CHL.	WHIT's NUTR.
1								62			
2	0										
3	0										
4	0										
5	0										
6	0										
7	0										
8	0										
9											
10											
11											
12											

VESSEL	PROJECT & LEG	STATION DESIGNATION
NOAA R/V MILLER FREEMAN	MI #	

CONSC CAST #	LATITUDE DEG	LATITUDE MIN		LONGITUDE DEG	LONGITUDE MIN		DATE JD=061 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
	0 2 6	5 2 2 5 . 6 7	N	1 7 1 2 3 . 8 6	W		0 2	~~FEB~~ MAR	0 6	0 6 4 7		2 . 9	0 . 9	1 0			2 7 2	1 9				2 2 7	

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	JD/TIME
DATA ON	
START DOWN	
AT DEPTH	
AT SURFACE	

DATA LOCATION

Tape/Diskette ID	File Name/Header
MF-06-02	CTD

REMARKS

200 m" stn on
port side of
Cruiser Pass

MAX. DEPTH = m

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

POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP.	PRI. SALINITY	SEC. SALINITY	SAMPLE BOTTLE DATA: SALINITY	SAMPLE BOTTLE NUMBER: SAL.	MORDY's NUTR.	CHL.	WHIT's NUTR.
1											
2	0										
3	0										
4	0										
5	0										
6	0										
7	0										
8	0										
9											
10											
11											
12											