

CONSC CAST #	LATITUDE		LONGITUDE		DATE JD=		TIME (GMT)		AIR TEMP	PRESSURE	SEA STATE	VISIBILITY	TRUE WIND DIRN.	TRUE WIND SPD.	CLOUD (amt)	TYPE	WEATHER	BOTTOM DEPTH
285351.69N	DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN	(°C)	(mb)	*	(deg)	(kts)	*	*	*	(m)
			66	34	61	JUN	07	21	47	8.5	1024		200	12.5				85
CTD	TIMES		JD/TIME		REMARKS													
TYPE & SN	DATA ON		2148		Tape/Diskette ID													
PRESS SN	START DOWN		2149		File Name/Header													
PRI TEMP SN	AT DEPTH		2151		OD0707 Leg II													
PRI COND SN	AT SURFACE				MAX. DEPTH CTD = 21 m													
SEC TEMP SN	3+ S/N 2786																	
SEC COND SN	4C S/N 2489																	
<input checked="" type="checkbox"/> WETSTAR WS3S-869P			<input type="checkbox"/> Cleaned air bleed valve															

POS.	TRIP DEPTH (m)	CTD CONVERTED MONITOR VALUES										SAMPLE BOTTLE DATA				
		SAMPLE BOTTLE NUMBER	PRI. TEMP.	SEC. TEMP.	PRI. SALINITY	SEC. SALINITY	SALINITY	MORDY'S NUTR.	CHL.	WHIT'S NUTR.						
1	2.6	19	7.4619	7.4270	29.8545	29.8407										
2																
3																
4																
5																
6																
7																
8																
9																
10																
11																
12																

1-27
Leg I

28-62
Leg II

SEL		PROJECT & LEG		STATION DESIGNATION																									
LA R/V OSCAR DYSON		OD0707																											
JNSC ST #		LATITUDE		LONGITUDE		DATE JD=		TIME (GMT)		AIR TEMP		PRESSURE		SEA STATE		VISIBILITY		TRUE WIND DIRN.		TRUE WIND SPD.		CLOUD (amt)		TYPE		WEATHER		BOTTOM DEPTH	
DEG MIN		DEG MIN		DAY MO YR		HR MIN		(°C)		(mb)		*		*		(deg)		(kts)		*		*		*		(m)			
29 56 39		11 69 58		23 JUN 07		01 07		6.0		01 00 07		300		8.0												92			
E & SN		TIMES		JD/TIME		DATA LOCATION										REMARKS													
SS SN		DATA ON		0109		Tape/Diskette ID										File Name/Header													
TEMP SN		START DOWN				OD0707 Leg 11										0707_29													
COND SN		AT DEPTH																											
TEMP SN		AT SURFACE																											
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STATION DESIGNATION

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VESSEL NOAA R/V OSCAR DYSON		PROJECT & LEG 04P OD0707		STATION DESIGNATION																																															
CONSC CAST #		LATITUDE		LONGITUDE		DATE JD=		TIME (GMT)		AIR TEMP		PRESSURE		SEA STATE		VISIBILITY		TRUE WIND DIRN.		TRUE WIND SPD.		CLOUD (amt)		TYPE		WEATHER		BOTTOM DEPTH																							
DEG		MIN		DEG		MIN		DAY		MO		YR		HR		MIN		(°C)		(mb)		*		*		(deg)		(kts)		*		*		*		(m)															
34		59		19		63		N		17		11		02		72		W		24		J		U		N		07		06		57		4		7		10		03		86		51		1		5		75	
CTD		TIMES		JD/TIME		DATA ON		START DOWN		AT DEPTH		AT SURFACE		Tape/Diskette ID		File Name/Header		DATA LOCATION		REMARKS		MAX. DEPTH CTD =		71		m																									
PRESS SN		9+ S/N 0772		DATA ON		0658		START DOWN		0659		AT DEPTH		0706		Tape/Diskette ID		OD0707 Leg 11		File Name/Header		0707_34																													
PRI TEMP SN		3+ S/N 2376		DATA ON		0658		START DOWN		0659		AT DEPTH		0706		Tape/Diskette ID		OD0707 Leg 11		File Name/Header		0707_34																													
PRI COND SN		4C S/N 2985		DATA ON		0658		START DOWN		0659		AT DEPTH		0706		Tape/Diskette ID		OD0707 Leg 11		File Name/Header		0707_34																													
SEC TEMP SN		3+ S/N 2786		DATA ON		0658		START DOWN		0659		AT DEPTH		0706		Tape/Diskette ID		OD0707 Leg 11		File Name/Header		0707_34																													
SEC COND SN		4C S/N 2489		DATA ON		0658		START DOWN		0659		AT DEPTH		0706		Tape/Diskette ID		OD0707 Leg 11		File Name/Header		0707_34																													
WETSTAR WS3S-869P		WETSTAR WS3S-869P		WETSTAR WS3S-869P		WETSTAR WS3S-869P		WETSTAR WS3S-869P		WETSTAR WS3S-869P		WETSTAR WS3S-869P		WETSTAR WS3S-869P		WETSTAR WS3S-869P		WETSTAR WS3S-869P		WETSTAR WS3S-869P		WETSTAR WS3S-869P		WETSTAR WS3S-869P		WETSTAR WS3S-869P		WETSTAR WS3S-869P		WETSTAR WS3S-869P		WETSTAR WS3S-869P		WETSTAR WS3S-869P		WETSTAR WS3S-869P		WETSTAR WS3S-869P													
CTD CONVERTED MONITOR VALUES		CTD CONVERTED MONITOR VALUES		CTD CONVERTED MONITOR VALUES		CTD CONVERTED MONITOR VALUES		CTD CONVERTED MONITOR VALUES		CTD CONVERTED MONITOR VALUES		CTD CONVERTED MONITOR VALUES		CTD CONVERTED MONITOR VALUES		CTD CONVERTED MONITOR VALUES		CTD CONVERTED MONITOR VALUES		CTD CONVERTED MONITOR VALUES		CTD CONVERTED MONITOR VALUES		CTD CONVERTED MONITOR VALUES		CTD CONVERTED MONITOR VALUES		CTD CONVERTED MONITOR VALUES		CTD CONVERTED MONITOR VALUES		CTD CONVERTED MONITOR VALUES		CTD CONVERTED MONITOR VALUES		CTD CONVERTED MONITOR VALUES		CTD CONVERTED MONITOR VALUES													
POS. TRIP DEPTH (m)		SAMPLE BOTTLE NUMBER		PRI. TEMP.		SEC. TEMP.		PRI. SALINITY		SEC. SALINITY		SALINITY		MORDY'S NUTR.		CHL.		WHIT'S NUTR.		MORDY'S NUTR.		CHL.		WHIT'S NUTR.		MORDY'S NUTR.		CHL.		WHIT'S NUTR.		MORDY'S NUTR.		CHL.		WHIT'S NUTR.															
1 2.5		24		4.2624		4.2625		29.8254		29.8333																																									
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☐ Cleaned air bleed valve

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VESSEL NOAA R/V OSCAR DYSON		PROJECT & LEG OD0707				STATION DESIGNATION											
CONSC CAST #	LATITUDE DEG MIN	LONGITUDE DEG MIN		DATE JD= DAY MO YR		TIME (GMT) HR MIN	AIR TEMP (°C)	PRESSURE (mb)	SEA STATE *	VISIBILITY *	TRUE WIND DIRN. (deg)	TRUE WIND SPD. (kts)	CLOUD (amt) *	TYPE *	WEATHER *	BOTTOM DEPTH (m)	
0365906.01N		17140.09W		24 JUN 07		122104.4	1002				27512.3					83	
CTD		TIMES DATA ON		JD/TIME		DATA LOCATION Tape/Diskette ID File Name/Header						REMARKS					
TYPE & SN		9+ S/N 0772		1217		OD0707 Leg 11 0707-36											
PRESS SN		3+ S/N 2376		1221													
PRI TEMP SN		4C S/N 2985		1225													
PRI COND SN		3+ S/N 2786															
SEC TEMP SN		4C S/N 2489															
SEC COND SN		<input checked="" type="checkbox"/> WEI STAR WS3S-869P															
POS. TRIP DEPTH (m)		CTD CONVERTED MONITOR VALUES										SAMPLE BOTTLE DATA					
		SAMPLE BOTTLE NUMBER		PRI. TEMP.		SEC. TEMP.		PRI. SALINITY		SEC. SALINITY		SALINITY		MORDY'S NUTR.		CHL. WHIT'S NUTR.	
1 None																	
2																	
3																	
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☐ Cleaned air bleed valve

VESSEL NOAA R/V OSCAR DYSON		PROJECT & LEG OD0707		STATION DESIGNATION																									
CONSC CAST #		LATITUDE		LONGITUDE		DATE JD=		TIME (GMT)		AIR TEMP (°C)		PRESSURE (mb)		SEA STATE		VISIBILITY		TRUE WIND DIRN. (deg)		TRUE WIND SPD. (kts)		CLOUD (amt)		TYPE		WEATHER		BOTTOM DEPTH (m)	
375659.46N		17038.87W		25 JUN 07		0124		4.8		1007		255		18.5														91	
CTD		TYPE & SN		TIMES		JD/TIME		DATA LOCATION		Tape/Diskette ID		File Name/Header		REMARKS															
PRESS SN		9+ S/N 0772		DATA ON		0126		000707 Leg 11		0707-37		11 Salinity data not valid for this cast																	
PRI TEMP SN		3+ S/N 2376		START DOWN		0129																							
PRI COND SN		4C S/N 2985		AT DEPTH																									
SEC TEMP SN		3+ S/N 2786		AT SURFACE																									
SEC COND SN		4C S/N 2489																											
				<input checked="" type="checkbox"/> WEISTAR WS35-869P																									
POS.		TRIP DEPTH (m)		CTD CONVERTED MONITOR VALUES										SAMPLE BOTTLE DATA															
				SAMPLE BOTTLE NUMBER		PRI TEMP.		SEC. TEMP.		PRI SALINITY		SEC. SALINITY		SALINITY		MORDY'S NUTR.		CHL.		WHITT'S NUTR.									
1		2.75		260		3.7920		31.6539		3.7995		31.7012																	
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☐ Cleaned air bleed valve

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☐ Cleaned air bleed valve

VESSEL
NOAA R/V OSCAR DYSON

PROJECT & LEG
OD0707

STATION DESIGNATION

NOAA R/V OSCAR DYSON										080707																									
CONSC CAST #		LATITUDE				LONGITUDE				DATE JD=				TIME (GMT)		AIR TEMP (°C)		PRESSURE (mb)		SEA STATE		VISIBILITY		TRUE WIND DIR, (deg)		TRUE WIND SPD, (kts)		CLOUD (amt)		TYPE		WEATHER		BOTTOM DEPTH (m)	
040		5842.93 N				17133.68 W				26 JUN 07				094303		.8		1016		*		*		119		5.8		*		*		91			
DEG		MIN				DEG		MIN		DAY		MO		YR		HR		MIN		(°C)		(mb)		*		(deg)		(kts)		*		*		(m)	
TYPE & SN		DATA ON																																	
PRESS SN		9+ S/N 0772																																	
PRI TEMP SN		3+ S/N 2376																																	
PRI COND SN		4C S/N 2985																																	
SEC TEMP SN		3+ S/N 2786																																	
SEC COND SN		4C S/N 2489																																	
CTD		TIMES																																	
		JD/TIME																																	
		0939																																	
		0940																																	
		0943																																	
		0947																																	
		AT SURFACE																																	
		Tape/Diskette ID																																	
		080707 Leg 11																																	
		File Name/Header																																	
		0707_40																																	
		MAX. DEPTH CTD =																																	
		m																																	
		WEISTAR WS35-869P																																	
		Cleaned air bleed valve																																	



WETSTAR WS35-869P



Cleaned air bleed valve

CTD CONVERTED MONITOR VALUES

SAMPLE BOTTLE DATA

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VESSEL NOAA R/V OSCAR DYSON		PROJECT & LEG OD0707		STATION DESIGNATION	
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CONSC CAST #	LATITUDE DEG MIN	LONGITUDE DEG MIN	DATE JD= DAY MO YR	TIME (GMT) HR MIN	AIR TEMP (°C)	PRESSURE (mb)	SEA STATE	VISIBILITY	TRUE WIND DIRN. (deg)	TRUE WIND SPD. (kts)	CLOUD (amt)	TYPE	WEATHER	BOTTOM DEPTH (m)
0415849.57	N 17219.17	W 26103.01	07	121103	01017	16306.0								10

CTD	TIMES	JD/TIME	DATA LOCATION	REMARKS
TYPE & SN	DATA ON	1207	Tape/Diskette ID	
PRESS SN	START DOWN	1207	File Name/Header	
PRI TEMP SN	AT DEPTH	1211	0707-41	
PRN COND SN	AT SURFACE	1218		
SEC TEMP SN				
SEC COND SN				

CTD CONVERTED MONITOR VALUES

POS.	TRIP DEPTH (m)	SAMPLE BOTTLE NUMBER	PRI. TEMP.	SEC. TEMP.	PRI. SALINITY	SEC. SALINITY	SALINITY	MORDY'S NUTR.	CHL.	WHIT'S NUT
1	92	29	0547	0546	32.26	32.27				
2										
3										
4										
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11										
12										

SAMPLE BOTTLE DATA

☒ Cleaned air bleed valve

MAX. DEPTH CTD = 92 m

VESSEL	NOAA R/V OSCAR DYSON
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PROJECT & LEG
OD0707

STATION DESIGNATION
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VESSEL NOAA R/V OSCAR DYSON		PROJECT & LOG OD0707		DATE		TIME		LOCATION		REMARKS				
CONSC CAST #	LATITUDE	LONGITUDE	DATE JD=	TIME (GMT)	AIR TEMP (°C)	PRESSURE (mb)	SEA STATE	VISIBILITY	TRUE WIND DIRN.	TRUE WIND SPD.	CLOUD (amt)	TYPE	WEATHER	BOTTOM DEPTH (m)
DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN		(deg)	(kts)			(m)
43	5954.57 N	17141.99 W	27 JUN 07	0850	5.3	1015			115	14.9				7
DATA LOCATION														

CTD	TIMES		JD/TIME	
TYPE & SN	DATA ON		02	
PRESS SN	START DOWN		02	
PRI TEMP SN	AT DEPTH		02	
PRI COND SN	AT SURFACE			
SEC TEMP SN				
SEC COND SN				
<input checked="" type="checkbox"/> WETSTAR WS3S-869P		Tape/Diskette ID 000707 Leg II		File Name/Header 0707_43
				MAX. DEPTH CTD - 70 * m
				* Winch Op. accidentally went down when CTD depth - 66.5m
<input type="checkbox"/> Cleaned air bleed valve				

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[illegible]

VESSEL NOAA R/V OSCAR DYSON		PROJECT & LEG OD0707		STATION DESIGNATION																									
CONSC CAST #		LATITUDE		LONGITUDE		DATE JD=		TIME (GMT)		AIR TEMP		PRESSURE		SEA STATE		VISIBILITY		TRUE WIND DIRN.		TRUE WIND SPD.		CLOUD (amt)		TYPE		WEATHER		BOTTOM DEPTH	
045		59 28.31 N		17 22 1.41 W		27 JUN 07		130805.1		11004		109		21.4														87	
CTD		DEG MIN		DEG MIN		DAY MO YR		HR MIN		(°C)		(mb)		*		*		(deg)		(kts)		*		*		*		(m)	
TYPE & SN		9+ S/N 0772		START DOWN		1305		Tape/Diskette ID		File Name/Header		OD0707 Leg 11		0707_45		MAX. DEPTH CTD =		77 m											
PRESS SN		3+ S/N 2376		AT DEPTH		1308																							
PRI TEMP SN		4C S/N 2985		AT SURFACE		1311																							
PRI COND SN		3+ S/N 2786																											
SEC TEMP SN		4C S/N 2489																											
SEC COND SN																													
POS.		TRIP DEPTH (m)		CTD CONVERTED MONITOR VALUES										SAMPLE BOTTLE DATA															
1		None		SAMPLE BOTTLE NUMBER		PRI. TEMP.		SEC. TEMP.		PRI. SALINITY		SEC. SALINITY		SALINITY		MORDY'S NUTR.		CHL.		WHIT'S NUTR.									
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☒ WETSTAR WSS3-869P
 ☐ Cleaned air bleed valve

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VESSEL NOAA R/V OSCAR DYSON		PROJECT & LEG OD0707		STATION DESIGNATION																									
CONSC CAST #		LATITUDE		LONGITUDE		DATE JD=		TIME (GMT)		AIR TEMP		PRESSURE		SEA STATE		VISIBILITY		TRUE WIND DIRN.		TRUE WIND SPD.		CLOUD (amt)		TYPE		WEATHER		BOTTOM DEPTH	
0545842.47N		17406.38W		03JUN07		173503.21025		82		5.0																		140	
CTD		TIMES		JD/TIME		DATA ON		START DOWN		AT DEPTH		AT SURFACE		Tape/Diskette ID		File Name/Header		DATA LOCATION		REMARKS									
TYPE & SN		9+ S/N 0772		1228		1229		1235		1241						0707-54		MAX. DEPTH CTD - 131		m									
PRESS SN		3+ S/N 2376																											
PRI TEMP SN		4C S/N 2985																											
PHI COND SN		3+ S/N 2786																											
SEC TEMP SN		4C S/N 2489																											
SEC COND SN																													
POS.		TRIP DEPTH (m)		CTD CONVERTED MONITOR VALUES		SAMPLE BOTTLE DATA																							
1		None		SAMPLE BOTTLE NUMBER		PRI. TEMP.		SEC. TEMP.		PRI. SALINITY		SEC. SALINITY		SALINITY		MORDY'S NUTR.		CHL.		WHIT'S NUTR.									
2																													
3																													
4																													
5																													
6																													
7																													
8																													
9																													
10																													
11																													
12																													

☒ WETSTAR WS35-869P ☐ Cleaned air bleed valve

VESSEL NOAA R/V OSCAR DYSON	PROJECT & LEG 0D0707														
CONSC CAST #	LATITUDE DEG MIN	LONGITUDE DEG MIN	DATE JD = DAY MO YR	TIME (GMT) HR MIN	AIR TEMP (°C)	PRESSURE (mb)	SEA STATE *	VISIBILITY *	TRUE WIND DIRN. (deg)	TRUE WIND SPD. (kts)	CLOUD (amt) *	TYPE *	WEATHER *	BOTTOM DEPTH (m)	
0556036.24N		17438.45W	04 JUN 07	0922Z	4.5	1020			000	6.8	*				98
CTD	TIMES DATA ON <u>0917</u> START DOWN <u>0918</u> AT DEPTH <u>0922</u> AT SURFACE <u>0928</u>	JD/TIME	DATA LOCATION Tape/Diskette ID File Name/Header OD0707 Leg II 0707_55												
Type & SN	9+ S/N 0772														
PRESS SN	3+ S/N 2376														
PRI TEMP SN	4C S/N 2985														
PHI COND SN	3+ S/N 2786														
SEC TEMP SN	4C S/N 2489														
SEC COND SN		X WETSTAR WS3S-869P													
			Cleaned air bleed valve												
POS.	TRIP DEPTH (m)	CTD CONVERTED MONITOR VALUES													
	SAMPLE BOTTLE NUMBER	PRI. TEMP.	SEC. TEMP.	PRI. SALINITY	SEC. SALINITY	SALINITY			MORPHY'S NUTR.	CHL.	WHIT'S NUTR.				
1	Surface	38	6.55	6.45	30.79	30.81									
2															
3															
4															
5															
6															
7															
8															
9															
10															
11															
12															

VESSEL NOAA R/V OSCAR DYSON		PROJECT & LEG OD0707		STATION DESIGNATION																									
CONSC CAST #		LATITUDE		LONGITUDE		DATE, JD =		TIME (GMT)		AIR TEMP (°C)		PRESSURE (mb)		SEA STATE		VISIBILITY		TRUE WIND DIRN. (deg)		TRUE WIND SPD. (kts)		CLOUD (amt)		TYPE		WEATHER		BOTTOM DEPTH (m)	
566038.44N		17527.13W		04 JUN 07		115203.91		1020		78		2.4																109	
CTD		TIMES		JD/TIME		DATA ON		START DOWN		AT DEPTH		AT SURFACE		Tape/Diskette ID		File Name/Header		REMARKS		MAX. DEPTH CTD									
TYPE & SN		9+ S/N 0772		1146		0707-56														99 m									
PRESS SN		3+ S/N 2376		1152																									
3RI TEMP SN		4C S/N 2985		1156																									
3RI COND SN		3+ S/N 2786																											
SEC TEMP SN		4C S/N 2489																											
SEC COND SN		<input checked="" type="checkbox"/> WETSTAR WS3S-869P																											
POS. TRIP DEPTH (m)		SAMPLE BOTTLE NUMBER		PRI. TEMP.		SEC. TEMP.		PRI. SALINITY		SEC. SALINITY		SALINITY		MORDY'S NUTR.		CHL.		WHIT'S NUTR.											
1 99		39		0.78		0.78		32.48		32.49																			
2																													
3																													
4																													
5																													
6																													
7																													
8																													
9																													
10																													
11																													
12																													

☐ Cleaned air bleed valve

[illegible]

VESSEL		PROJECT & LEG		STATION DESIGNATION																											
NOAA R/V OSCAR DYSON		OD0707																													
CONSC CAST #	LATITUDE	DEG	MIN	LONGITUDE	DEG	MIN	DATE	JD-	TIME (GMT)	HR	MIN	AIR TEMP	(°C)	PRESSURE	(mb)	SEA STATE	* * *	VISIBILITY	* * *	TRUE WIND DIRN.	(deg)	TRUE WIND SPD.	(kts)	CLOUD (amt)	* * *	TYPE	* * *	WEATHER	* * *	BOTTOM DEPTH	(m)
59	58	41	30	N	17	45	6	19	W	06	10	07	14	28	8	11	01	17	01	17	10	4									194
CTD	TYPE & SN	PRESS SN		TEMP SN		COND SN		TEMP SN		COND SN		REMARKS																			
	9+ S/N 0772	3+ S/N 2376		4C S/N 2985		3+ S/N 2786		4C S/N 2489		DATA ON 1420 START DOWN 1420 AT DEPTH 1428 AT SURFACE 1435 Tape/Diskette ID ODO707 Leg II File Name/Header 0707_59 MAX. DEPTH CTD - 178 m Fluorometer not working W/O = 178																					
CTD CONVERTED MONITOR VALUES										SAMPLE BOTTLE DATA																					
POS.	TRIP DEPTH (m)	SAMPLE BOTTLE NUMBER		PRI. TEMP.		SEC. TEMP.		PRI. SALINITY		SEC. SALINITY		SALINITY		MORDY'S NUTR.		CHL.		WHIT'S NUTR.													
1	178	40		3033		3033		33.176		33.188																					
2																															
3																															
4																															
5																															
6																															
7																															
8																															
9																															
10																															
11																															
12																															



WETSTAR WS3S-869P



Cleaned air bleed valve

$$3/0 = 187$$

VESSEL		PROJECT & LEG		STATION DESIGNATION																									
JOA R/V OSCAR DYSON		CPR		Calibration																									
CONSC		LATITUDE		LONGITUDE		DATE JD=		TIME (GMT)		AIR TEMP		PRESSURE		SEA STATE		VISIBILITY		TRUE WIND DIRN.		TRUE WIND SPD.		CLOUD (amt)		TYPE		WEATHER		BOTTOM DEPTH	
CAST #	DEG	MIN	SEC	DEG	MIN	SEC	DAY	MO	YR	HR	MIN	SEC	(°C)	(mb)	*	*	(deg)	(kts)	*	*	*	*	*	*	(m)				
62	53	51	.80	N	16	34	.76	W	09	JUN	07	02	20	4.5	1015			030	10	.4								93	
TYPE & SN		LATITUDE		LONGITUDE		DATE		TIME		AIR TEMP		PRESSURE		SEA STATE		VISIBILITY		TRUE WIND DIRN.		TRUE WIND SPD.		CLOUD (amt)		TYPE		WEATHER		BOTTOM DEPTH	
PRESS SN		LATITUDE		LONGITUDE		DATE		TIME		AIR TEMP		PRESSURE		SEA STATE		VISIBILITY		TRUE WIND DIRN.		TRUE WIND SPD.		CLOUD (amt)		TYPE		WEATHER		BOTTOM DEPTH	
RI TEMP SN		LATITUDE		LONGITUDE		DATE		TIME		AIR TEMP		PRESSURE		SEA STATE		VISIBILITY		TRUE WIND DIRN.		TRUE WIND SPD.		CLOUD (amt)		TYPE		WEATHER		BOTTOM DEPTH	
HI COND SN		LATITUDE		LONGITUDE		DATE		TIME		AIR TEMP		PRESSURE		SEA STATE		VISIBILITY		TRUE WIND DIRN.		TRUE WIND SPD.		CLOUD (amt)		TYPE		WEATHER		BOTTOM DEPTH	
SEC TEMP SN		LATITUDE		LONGITUDE		DATE		TIME		AIR TEMP		PRESSURE		SEA STATE		VISIBILITY		TRUE WIND DIRN.		TRUE WIND SPD.		CLOUD (amt)		TYPE		WEATHER		BOTTOM DEPTH	
SEC COND SN		LATITUDE		LONGITUDE		DATE		TIME		AIR TEMP		PRESSURE		SEA STATE		VISIBILITY		TRUE WIND DIRN.		TRUE WIND SPD.		CLOUD (amt)		TYPE		WEATHER		BOTTOM DEPTH	
WETSTAR WS3S-869P		LATITUDE		LONGITUDE		DATE		TIME		AIR TEMP		PRESSURE		SEA STATE		VISIBILITY		TRUE WIND DIRN.		TRUE WIND SPD.		CLOUD (amt)		TYPE		WEATHER		BOTTOM DEPTH	
CTD CONVERTED MONITOR VALUES		LATITUDE		LONGITUDE		DATE		TIME		AIR TEMP		PRESSURE		SEA STATE		VISIBILITY		TRUE WIND DIRN.		TRUE WIND SPD.		CLOUD (amt)		TYPE		WEATHER		BOTTOM DEPTH	
SAMPLE BOTTLE		LATITUDE		LONGITUDE		DATE		TIME		AIR TEMP		PRESSURE		SEA STATE		VISIBILITY		TRUE WIND DIRN.		TRUE WIND SPD.		CLOUD (amt)		TYPE		WEATHER		BOTTOM DEPTH	
1		860		181		3.0683		3.0683		3.0683		3.0683		3.0683		3.0683		3.0683		3.0683		3.0683		3.0683		3.0683		3.0683	
2		860		181		3.0683		3.0683		3.0683		3.0683		3.0683		3.0683		3.0683		3.0683		3.0683		3.0683		3.0683		3.0683	
3		860		181		3.0683		3.0683		3.0683		3.0683		3.0683		3.0683		3.0683		3.0683		3.0683		3.0683		3.0683		3.0683	
4		860		181		3.0683		3.0683		3.0683		3.0683		3.0683		3.0683		3.0683		3.0683		3.0683		3.0683		3.0683		3.0683	
5		860		181		3.0683		3.0683		3.0683		3.0683		3.0683		3.0683		3.0683		3.0683		3.0683		3.0683		3.0683		3.0683	
6		860		181		3.0683		3.0683		3.0683		3.0683		3.0683		3.0683		3.0683		3.0683		3.0683		3.0683		3.0683		3.0683	
7		860		181		3.0683		3.0683		3.0683		3.0683		3.0683		3.0683		3.0683		3.0683		3.0683		3.0683		3.0683		3.0683	
8		860		181		3.0683		3.0683		3.0683		3.0683		3.0683		3.0683		3.0683		3.0683		3.0683		3.0683		3.0683		3.0683	
9		860		181		3.0683		3.0683		3.0683		3.0683		3.0683		3.0683		3.0683		3.0683		3.0683		3.0683		3.0683		3.0683	
10		860		181		3.0683		3.0683		3.0683		3.0683		3.0683		3.0683		3.0683		3.0683		3.0683		3.0683		3.0683		3.0683	
11		860																											