

YRC30619

6/19/13

Longitudinal Transect during Flood

include half casts

North-east ADV upward-looking  
sensor at 74.5 cm OB.

on board R/V Elis Olsson capt

Wayne Keiser crew chief

Co-Dryht, Kelsey Fall + Dave

Bowers

Stations ~~5153-5168~~

5153-5168

6/18/13

Longitudinal

transect during flood

on board R/V Elis Olsson capt  
Wayne Keiser crew chief

5153-5168

Stations 5153-5168  
Longitudinal transect during flood



Cruise YR130619 Date 6/19/13 UPNortek Sortex YR130619

Station start time latitude longitude total depth ADCP filename CTD LISST ADV TSS sample Sample Depth sample time PICS Time Comment

Station	start time	latitude	longitude	total depth	ADCP filename	CTD	LISST	ADV	TSS sample	Sample Depth	sample time	PICS Time	Comment
5157	093855	UP (~5 mbs)	5.20	HPa								094017	radiometer
	094131	Down (~1 mbs)	0.91	HPa								094254	
	094305	Down (~2 mbs)	2.04	HPa								094427	
	094440	Down (~3 mbs)	3.03	HPa								094603	
5158	1002	22.5055	38.625	10.36	007	✓	✓	✓				102718	half cast (YR3) 910
5159	1025	24.6708	40.2568	9.70	008	✓	✓	✓	B5159	9.60	1029	102719	Profile (YR4)
									M5159	6.71	1033	103243	
									T5159	3.01	1036	103318	
									Drifting			103345	Chia 5159
												103529	
5160	1042	24.6778	41.0088	9.09	009							104455	radiometer
	104335	UP (~1 mbs)	1.12	HPa								104638	
	104515	UP (~2 mbs)	2.17	HPa								104817	
	104655	UP (~3 mbs)	2.98	HPa								105037	
	104910	Down (~1 mbs)	0.94	HPa								105151	noisy
	105045	Down (~2 mbs)	2.01	HPa									half cast (YR5)
5161	1110	26.79	43.5134	9.02	010	✓	✓	✓					Profile (YR6)
5162	1133	29.2446	45.674	7.92	011	✓	✓	✓					911348
													911352
													911395
													9114025
													9114335
													9114508
5163	1149	29.3724	45.6922	7.69	012								Chia 5162
									Drifting				

COMMENTS

Cruise VR 130619 Date 0/19/13  
370 VR 130619 UP Nortec  
AV01 -70 Sontec

Station	start time	latitude	longitude	total depth	ADCP filename	CTD	LISST	ADV	TSS sample	Sample Depth	sample time	PICS End Time	Comment
51003	115100	UP (~1 mbs)		1.20 HPa								1152120	radiometer
	115235	UP (~2 mbs)		2.18 HPa								115357	↓
	115410	UP (~3 mbs)		3.02 HPa								115533	↓
	115640	Down (~1 mbs)		0.95 HPa								115802	↓ little noisy
	115815	Down (~2 mbs)									115937	115945	↓
	120000	Down (~0.5 m)		0.44 HPa							120172		↓
51004	1223	31.6374	48.0975	8.20	013	✓	✓	✓	* anchored for safety				Halfcast (YR7)
5105	1245	32.6499	49.8359	5.99	014	✓	✓	✓	B5150				Pro file (YR8)
		↓	* Boat						M5150				
		↓							V5150				
5105	1259	32.6493	49.8096	6.94	015	✓	✓	✓	B5150	6.07	0105	9130147	Ch1e 5150
		↓							M5150	3.44	0107	9130223	* See comment below
		↓							T5150	2.07	0110	9130022	Pro file (YR8) 9130332
		↓										9130053	9130758
5106	0118	32.5234	49.8745	6.31	016	—	—	—	Drifting			9130918	Ch1e 5150
		↓										9130949	* waves picked up
		↓										132033	radiometer
		↓										132209	
		↓										132343	
		↓										132517	
		↓										132738	
		↓										132858	

COMMENTS  
 \*\* Drifting @ anchor bottom above seabed (5105)

Cruise VR130619 Date 01/19/13 Station 370 - 76°

ADCP filename VR130619 CTD LISST ADV TSS sample Sample Depth sample time

Station	start time	latitude	longitude	total depth	ADCP filename	CTD	LISST	ADV	TSS sample	Sample Depth	sample time	End Time	Comment
5166	132915	Down (~1.5 mbs)			1.64 HPa						132941	132941	Noisy
	133005	Down (~1/4 mbs)			0.77 HPa						135127	135127	
5167	0156	32.1403	52.6223	0.12	017	✓	✓	✓	B5167	5.96	0159	9135730	Profile (189)
									M5167	4.01	0204	9135802	
									T5167	2.25	0207	9146235	CH185167
									Drafting			9146714	*
5168	0213	32.1637	52.567	0.43	018							141530	Radiometer
	141408	UP (~0.5 mbs)		0.60	HPa							141709	
	141545	UP (~1 mbs)		1.12	HPa							141844	
	141720	UP (~1.5 mbs)		1.68	HPa							142017	little noise
	141855	UP (~2 mbs)		2.19	HPa							142229	
	142105	Down (surface)		0.05	HPa							142404	
	142241	Down (0.5 mbs)		0.52	HPa							142543	
	142420	Down (~1/4 mbs)		0.74	HPa								

COMMENTS \* boat moved before ADCP was turned off