

Location	Site	Date	Time	Depth	Date	Temp	SpCond	TDS	DO%	DO Conc	DO Charge	Depth	pH	ORP	Turbidity+	PAR Surface	PAR Depth	Secchi	Zmax	Note	site#	PSC	
				m	M/D/Y	C	uS/cm	g/L	%	mg/L		m		mV	NTU								
IHEYOKN0245	4	3/5/2013	0910	0.5	3/5/2013	7.25	228	0.148	99.7	12.01	57	0.24	8.38	310	87.3						1	IHEYOKN0072	
IHEYOKN0072	1	3/5/2013	0950	0.1	3/5/2013	6.07	222	0.144	94.9	11.78	55	0.115	8.13	252	89.1						2	IHEYOKN0074	
IHEYOKN0072	1	3/5/2013	0950	0.5	3/5/2013	6.06	222	0.144	94.6	11.75	55	0.538	8.1	253	89.4			0.27	8.7	No PAR data and no vertical profile owing to high winds with gusts to 30 mph. No zooplankton tow.	3	IHEYOKN0073	
IHEYOKN0072	1	3/5/2013	0950	1	3/5/2013	6.05	222	0.144	94.4	11.73	55	1.015	8.09	252	88						4	IHEYOKN0245	
IHEYOKN0074	2	3/5/2013	1020	0.1	3/5/2013	6.02	230	0.15	92.3	11.47	54	0.134	8.04	284	103.5								
IHEYOKN0074	2	3/5/2013	1020	0.5	3/5/2013	6.03	230	0.149	92.1	11.45	54	0.582	8.02	283	107.8			0.19	4.5	Zooplankton tow 1 m. Vertical profile only to 0.5 m owing to high winds pushing boat out of thalweg while anchored.			
IHEYOKN0073	3	3/5/2013	1100	5	3/5/2013	5.47	218	0.142	93.5	11.79	54	5.026	8.26	288	89.8								
IHEYOKN0073	3	3/5/2013	1100	4	3/5/2013	5.53	218	0.142	92.4	11.63	54	4.046	8.22	287	89.1								
IHEYOKN0073	3	3/5/2013	1100	3	3/5/2013	5.6	218	0.142	91.9	11.55	54	3.059	8.19	285	89.1								
IHEYOKN0073	3	3/5/2013	1100	2	3/5/2013	5.63	218	0.142	91.6	11.51	54	2.067	8.17	284	87.7								
IHEYOKN0073	3	3/5/2013	1100	1	3/5/2013	5.67	218	0.142	91.6	11.49	54	1.065	8.15	283	87.4								
IHEYOKN0073	3	3/5/2013	1100	0.5	3/5/2013	5.65	218	0.142	91.5	11.49	54	0.544	8.14	283	87.7			No Data	6.2	Zooplankton tow 5 m.			
IHEYOKN0073	3	3/5/2013	1100	0.1	3/5/2013	5.66	218	0.142	91.5	11.48	53	0.157	8.12	283	85.4								
IHEYOKN0245	4	4/9/2013	0820	0.5	4/9/2013	12.71	239	0.155	98.1	10.4	51	-0.216	7.66	251	78.4								
IHEYOKN0074	2	4/9/2013	0910	3	4/9/2013	12.62	246	0.16	93.1	9.89	50	2.969	7.45	272	83.4								
IHEYOKN0074	2	4/9/2013	0910	2	4/9/2013	12.61	246	0.16	93.2	9.9	49	2.03	7.42	268	83.7								
IHEYOKN0074	2	4/9/2013	0910	1	4/9/2013	12.62	246	0.16	93.4	9.92	49	1.077	7.42	266	84.7								
IHEYOKN0074	2	4/9/2013	0910	0.5	4/9/2013	12.63	246	0.16	93.6	9.93	50	0.495	7.41	265	85.6			0.2	3.7	Zooplanton tow 3 m.			
IHEYOKN0074	2	4/9/2013	0910	0.1	4/9/2013	12.63	246	0.16	93.5	9.93	49	0.1	7.43	263	78.2								
IHEYOKN0073	3	4/9/2013	0950	5	4/9/2013	12.51	226	0.147	92.4	9.84	50	5.039	7.41	275	125.4								
IHEYOKN0073	3	4/9/2013	0950	4	4/9/2013	12.71	226	0.147	93.6	9.92	50	4.011	7.39	270	93.1								
IHEYOKN0073	3	4/9/2013	0950	3	4/9/2013	12.74	226	0.147	93.9	9.94	50	3.003	7.4	267	84								
IHEYOKN0073	3	4/9/2013	0950	2	4/9/2013	12.77	225	0.147	94	9.95	49	2.021	7.41	264	76								
IHEYOKN0073	3	4/9/2013	0950	1	4/9/2013	12.83	224	0.146	93.4	9.88	50	1.008	7.43	259	82.5								
IHEYOKN0073	3	4/9/2013	0950	0.5	4/9/2013	12.86	224	0.146	93.5	9.88	49	0.513	7.41	259	80.9			0.24	5.8	Zooplankton tow 5 m.			
IHEYOKN0073	3	4/9/2013	0950	0.1	4/9/2013	12.89	224	0.146	93.4	9.86	49	0.102	7.41	258	80.1								
IHEYOKN0072	1	4/9/2013	1015	8	4/9/2013	7.8	293	0.191	82	9.75	46	7.976	7.29	185	415.7								
IHEYOKN0072	1	4/9/2013	1015	7	4/9/2013	8.26	256	0.166	75.3	8.86	46	7.012	7.25	187	1290.6								
IHEYOKN0072	1	4/9/2013	1015	6	4/9/2013	9.56	241	0.157	82.2	9.37	47	6.018	7.32	183	120								
IHEYOKN0072	1	4/9/2013	1015	5	4/9/2013	10.75	238	0.155	88.8	9.84	48	5.018	7.38	180	92.4								
IHEYOKN0072	1	4/9/2013	1015	4	4/9/2013	10.95	238	0.155	90.7	10	49	4.011	7.38	180	89.9								
IHEYOKN0072	1	4/9/2013	1015	3	4/9/2013	11.38	238	0.155	92.4	10.1	49	3.014	7.4	180	86								
IHEYOKN0072	1	4/9/2013	1015	2	4/9/2013	11.89	237	0.154	94.8	10.23	49	2.028	7.55	174	86.3								
IHEYOKN0072	1	4/9/2013	1015	1	4/9/2013	12.13	237	0.154	95.9	10.3	50	1.024	7.57	174	79.7								
IHEYOKN0072	1	4/9/2013	1015	0.5	4/9/2013	12.15	237	0.154	96.3	10.34	50	0.509	7.57	175	81.6			0.25	7.9	Zooplankton tow 5 m.			
IHEYOKN0072	1	4/9/2013	1015	0.1	4/9/2013	12.15	237	0.154	96.4	10.35	50	0.103	7.6	174	78.9								
IHEYOKN0073	3	5/7/2013	0850	3.5	5/7/2013	11.68	230	0.15	84.6	9.17	46	3.433	7.64	223	86.3								
IHEYOKN0073	3	5/7/2013	0850	3	5/7/2013	11.7	230	0.15	85.1	9.23	46	2.975	7.62	223	84.4								
IHEYOKN0073	3	5/7/2013	0850	2	5/7/2013	11.84	231	0.15	85.8	9.28	47	2.054	7.62	222	85.9								
IHEYOKN0073	3	5/7/2013	0850	1	5/7/2013	12.84	228	0.148	88	9.3	47	1.005	7.62	221	81.3								
IHEYOKN0073	3	5/7/2013	0850	0.5	5/7/2013	12.89	229	0.149	89.6	9.46	47	0.517	7.65	218	78.7			0.21	4.1	Zooplankton tow 3 m.			
IHEYOKN0073	3	5/7/2013	0850	0.1	5/7/2013	12.95	229	0.149	91.2	9.62	47	0.133	7.68	216	79.6								
IHEYOKN0074	2	5/7/2013	0910	3.5	5/7/2013	11.84	241	0.157	84.7	9.16	46	3.541	7.69	288	89.2								
IHEYOKN0074	2	5/7/2013	0910	3	5/7/2013	12.05	242	0.157	83.6	8.99	46	2.953	7.62	283	88.7								
IHEYOKN0074	2	5/7/2013	0910	2	5/7/2013	12.69	233	0.152	88.5	9.38	47	1.909	7.65	276	86.1								
IHEYOKN0074	2	5/7/2013	0910	1	5/7/2013	13.28	250	0.162	88.4	9.25	47	1.024	7.61	276	89.9								
IHEYOKN0074	2	5/7/2013	0910	0.5	5/7/2013	13.43	241	0.157	91	9.49	47	0.504	7.66	271	86.2			0.2	4.1	Zooplankton tow 3 m.			
IHEYOKN0074	2	5/7/2013	0910	0.1	5/7/2013	13.44	241	0.156	92.2	9.61	48	0.138	7.68	268	83.5								
IHEYOKN0072	1	5/7/2013	0940	6.5	5/7/2013	11.36	234	0.152	84.2	9.21	45	6.571	7.75	282	92.8								
IHEYOKN0072	1	5/7/2013	0940	6	5/7/2013	11.39	233	0.152	84.2	9.2	46	5.923	7.71	280	90.3								
IHEYOKN0072	1	5/7/2013	0940	5	5/7/2013	11.45	233	0.151	84.9	9.25	46	5.034	7.69	279	91.3								
IHEYOKN0072	1	5/7/2013	0940	4	5/7/2013	11.55	232	0.151	85.5	9.31	46	4.059	7.69	277	85.8								

Location	Site	Date	Time	Depth	Date	Temp	SpCond	TDS	DO%	DO Conc	DO Charge	Depth	pH	ORP	Turbidity+	PAR Surface	PAR Depth	Secchi	Zmax	Note
1HEYOKN0072	1	5/7/2013	0940	3	5/7/2013	11.83	231	0.15	87	9.41	46	2.921	7.68	276	83.2					
1HEYOKN0072	1	5/7/2013	0940	2.5	5/7/2013	11.89	231	0.15	88.5	9.55	47	2.564	7.69	274	83					
1HEYOKN0072	1	5/7/2013	0940	2	5/7/2013	12.18	231	0.15	89.2	9.57	46	2.025	7.67	274	82.5					
1HEYOKN0072	1	5/7/2013	0940	1.5	5/7/2013											157.1	0.1407			
1HEYOKN0072	1	5/7/2013	0940	1	5/7/2013	13.23	230	0.149	93.3	9.78	47	1.042	7.72	270	82	146.9	0.8428			
1HEYOKN0072	1	5/7/2013	0940	0.5	5/7/2013	13.43	230	0.15	94.4	9.84	47	0.5	7.74	269	81.7	147.3	13.86	0.21	8.5	Zooplankton tow 5 m.
1HEYOKN0072	1	5/7/2013	0940	0.1	5/7/2013	13.58	230	0.15	95.9	9.97	48	0.107	7.77	266	82.2	161.7	134.3			
1HEYOKN0245	4	6/4/2013	1025	0.5	6/4/2013	20.11	216	0.14	99.3	9	53	0	7.75	254	107.3					
1HEYOKN0074	2	6/4/2013	1100	2.5	6/4/2013	20.67	231	0.15	69.4	6.22	50	2.536	7.59	255	115.6					
1HEYOKN0074	2	6/4/2013	1100	2	6/4/2013	20.68	230	0.15	68.3	6.12	50	1.984	7.52	250	115.6					
1HEYOKN0074	2	6/4/2013	1100	1	6/4/2013	20.84	226	0.147	68.6	6.13	50	1.064	7.48	248	114.8					
1HEYOKN0074	2	6/4/2013	1100	0.5	6/4/2013	20.99	225	0.146	68.6	6.12	50	0.511	7.48	243	113.5			0.2	2.9	Zooplankton tow 2 m.
1HEYOKN0074	2	6/4/2013	1100	0.1	6/4/2013	21.06	224	0.145	69	6.14	50	0.116	7.47	242	110.2					
1HEYOKN0073	3	6/4/2013	1130	6	6/4/2013	19.2	179	0.116	27.9	2.58	45	6.089	7.25	85	643.5					
1HEYOKN0073	3	6/4/2013	1130	5.5	6/4/2013	19.53	189	0.123	38.7	3.55	46	5.706	7.25	132	147.6					
1HEYOKN0073	3	6/4/2013	1130	5	6/4/2013	19.78	192	0.125	43.4	3.96	47	5.067	7.24	131	111.5					
1HEYOKN0073	3	6/4/2013	1130	4	6/4/2013	20.52	210	0.137	69.6	6.26	50	4.017	7.37	121	104.2					
1HEYOKN0073	3	6/4/2013	1130	3	6/4/2013	20.83	211	0.137	75	6.71	51	3.088	7.4	120	99					
1HEYOKN0073	3	6/4/2013	1130	2	6/4/2013	21.02	212	0.137	79	7.04	51	2.072	7.45	119	95					
1HEYOKN0073	3	6/4/2013	1130	1	6/4/2013	21.07	211	0.137	80.8	7.19	52	1.057	7.48	120	94.5					
1HEYOKN0073	3	6/4/2013	1130	0.5	6/4/2013	21.34	212	0.138	81.8	7.24	52	0.511	7.47	121	92.4			0.2	6.2	Zooplankton tow 5 m.
1HEYOKN0073	3	6/4/2013	1130	0.1	6/4/2013	21.42	212	0.138	82.9	7.33	52	0.137	7.52	119	91.5					
1HEYOKN0072	1	6/4/2013	1200	7.5	6/4/2013	15.3	230	0.15	5.3	0.53	41	7.447	7.21	247	164.8					
1HEYOKN0072	1	6/4/2013	1200	7	6/4/2013	16.63	220	0.143	3.6	0.35	41	6.92	7.16	239	175.2					
1HEYOKN0072	1	6/4/2013	1200	6	6/4/2013	18.6	211	0.137	21.6	2.02	44	5.935	7.21	227	151.5					
1HEYOKN0072	1	6/4/2013	1200	5	6/4/2013	19.33	213	0.138	41.5	3.82	46	5.03	7.26	221	132.9					
1HEYOKN0072	1	6/4/2013	1200	4	6/4/2013	19.93	216	0.14	56.4	5.13	49	3.984	7.33	214	111.3					
1HEYOKN0072	1	6/4/2013	1200	2	6/4/2013	20.07	215	0.14	66	5.99	50	2.051	7.38	208	106.5					
1HEYOKN0072	1	6/4/2013	1200	1.5	6/4/2013											757.8	0.05251			
1HEYOKN0072	1	6/4/2013	1200	1	6/4/2013	20.11	215	0.14	67.8	6.15	51	1.126	7.38	205	106	909.8	1.42			
1HEYOKN0072	1	6/4/2013	1200	0.5	6/4/2013	20.29	216	0.141	67.9	6.14	51	0.435	7.3	209	104.9	934.9	38.39	0.25	8	Zooplankton tow 5 m.
1HEYOKN0072	1	6/4/2013	1200	0.1	6/4/2013	22.01	216	0.141	68.3	5.97	51	0.107	7.22	212	105.3	939.5	275.3			
1HEYOKN0074	2	7/9/2013	0850	4	7/9/2013	22.5	223	0.145	9.3	0.8	34	4.045	7.14	8	154.1					
1HEYOKN0074	2	7/9/2013	0850	3	7/9/2013	22.89	221	0.143	24.2	2.08	36	2.999	7.2	50	156.2					
1HEYOKN0074	2	7/9/2013	0850	2	7/9/2013	23.36	220	0.143	36.9	3.14	38	2.04	7.28	58	157.6					
1HEYOKN0074	2	7/9/2013	0850	1	7/9/2013	24.94	219	0.142	80.6	6.66	43	1.024	7.5	90	127.7					
1HEYOKN0074	2	7/9/2013	0850	0.5	7/9/2013	24.99	219	0.142	81.6	6.74	43	0.512	7.5	95	125.2					
1HEYOKN0074	2	7/9/2013	0850	0.1	7/9/2013	25	219	0.142	81.6	6.74	43	0.13	7.48	101	124					
1HEYOKN0074	2	7/15/2013	0850	4	7/15/2013	23.6	221	0.144	72.9	6.18	39	4.016	7.41	-14	151.8					
1HEYOKN0074	2	7/15/2013	0850	3	7/15/2013	23.79	224	0.146	72.2	6.1	39	3.096	7.4	10	135.6					
1HEYOKN0074	2	7/15/2013	0850	2	7/15/2013	24.55	221	0.144	74.4	6.2	40	2.055	7.39	20	125.7					
1HEYOKN0074	2	7/15/2013	0850	1	7/15/2013	24.72	220	0.143	76.2	6.32	40	1.023	7.43	27	124.9					
1HEYOKN0074	2	7/15/2013	0850	0.5	7/15/2013	24.72	219	0.143	76.2	6.33	39	0.532	7.44	32	122.8			0.16	4.2	Zooplankton tow 3 m.
1HEYOKN0074	2	7/15/2013	0850	0.1	7/15/2013	24.71	219	0.143	76.4	6.34	39	0.148	7.48	39	121.8					
1HEYOKN0073	3	7/15/2013	0920	5	7/15/2013	21.96	222	0.145	9.9	0.87	32	5.031	7.03	37	230.4					
1HEYOKN0073	3	7/15/2013	0920	4	7/15/2013	22.33	219	0.143	10.6	0.92	32	4.023	7.08	31	117.6					
1HEYOKN0073	3	7/15/2013	0920	3	7/15/2013	23.1	217	0.141	17.5	1.5	34	3.001	7.08	37	116.5					
1HEYOKN0073	3	7/15/2013	0920	2	7/15/2013	24.52	217	0.141	63.8	5.32	39	2.074	7.28	62	99.2					
1HEYOKN0073	3	7/15/2013	0920	1	7/15/2013	24.71	216	0.141	70.8	5.88	40	1.009	7.31	72	94.9					
1HEYOKN0073	3	7/15/2013	0920	0.5	7/15/2013	24.72	216	0.141	71.9	5.97	41	0.528	7.3	78	95			0.19	5.5	Zooplankton tow 5 m.
1HEYOKN0073	3	7/15/2013	0920	0.1	7/15/2013	24.7	216	0.141	72.1	5.99	41	0.107	7.29	81	95					
1HEYOKN0072	1	7/15/2013	0950	7	7/15/2013	20.04	228	0.148	6	0.54	32	6.993	7.13	-27	234.7					
1HEYOKN0072	1	7/15/2013	0950	6	7/15/2013	21.24	222	0.144	5.4	0.48	33	6.035	7.09	-20	236.3					
1HEYOKN0072	1	7/15/2013	0950	5	7/15/2013	22.04	217	0.141	8.1	0.71	34	5	7.03	-4	226.6					
1HEYOKN0072	1	7/15/2013	0950	4	7/15/2013	23.02	215	0.14	22.2	1.9	35	4.012	7.08	15	229.4					
1HEYOKN0072	1	7/15/2013	0950	3	7/15/2013	24.46	216	0.141	79.7	6.65	42	3.03	7.39	50	204.7					
1HEYOKN0072	1	7/15/2013	0950	2	7/15/2013	24.47	216	0.14	80.5	6.71	42	2.009	7.41	60	206.8					
1HEYOKN0072	1	7/15/2013	0950	1	7/15/2013	24.47	216	0.141	80.7	6.73	41	1.025	7.43	66	201.1	47.79	0.08091			

Location	Site	Date	Time	Depth	Date	Temp	SpCond	TDS	DO%	DO Conc	DO Charge	Depth	pH	ORP	Turbidity+	PAR Surface	PAR Depth	Secchi	Zmax	Note
1HEYOKN0072	1	7/15/2013	0950	0.5	7/15/2013	24.47	216	0.141	81.1	6.76	42	0.503	7.4	71	161.8	40.57	2.563	0.2	8.2	Zooplankton tow 5 m. No discharge at HEY-4 (HEYOKN0245)
1HEYOKN0072	1	7/15/2013	0950	0.1	7/15/2013	24.46	216	0.141	81.2	6.77	43	0.102	7.36	79	163.7	40.51	24.73			
1HEYOKN0074	2	8/6/2013	0950	4	8/6/2013	23.39	233	0.151	6.3	0.53	26	4.016	7.5	290	102					
1HEYOKN0074	2	8/6/2013	0950	3	8/6/2013	24.15	229	0.149	27.2	2.28	30	3.001	7.44	277	103					
1HEYOKN0074	2	8/6/2013	0950	2	8/6/2013	25.01	230	0.15	66	5.45	33	2.075	7.52	258	104.1					
1HEYOKN0074	2	8/6/2013	0950	1	8/6/2013	25.38	229	0.149	74.2	6.08	35	1.047	7.56	245	89.7					
1HEYOKN0074	2	8/6/2013	0950	0.5	8/6/2013	25.7	228	0.148	84.4	6.88	36	0.529	7.6	237	81.4			0.18	4.4	Zooplankton tow 3 m.
1HEYOKN0074	2	8/6/2013	0950	0.1	8/6/2013	25.77	227	0.148	86.9	7.08	37	0.117	7.63	233	80					
1HEYOKN0073	3	8/6/2013	1020	5	8/6/2013	22.99	230	0.149	6.3	0.54	27	5.037	7.18	255	90.9					
1HEYOKN0073	3	8/6/2013	1020	4	8/6/2013	23.53	227	0.148	19.8	1.68	29	4.076	7.22	248	95					
1HEYOKN0073	3	8/6/2013	1020	3	8/6/2013	24.16	225	0.146	44.1	3.7	32	3.03	7.3	238	90.5					
1HEYOKN0073	3	8/6/2013	1020	2	8/6/2013	24.95	225	0.146	60.3	4.98	34	2.071	7.39	230	84.7					
1HEYOKN0073	3	8/6/2013	1020	1	8/6/2013	26.29	225	0.146	83.4	6.72	37	1.045	7.52	217	71.9					
1HEYOKN0073	3	8/6/2013	1020	0.5	8/6/2013	26.4	225	0.146	88.7	7.14	37	0.502	7.57	213	70.7			0.2	5.7	Zooplankton tow 5 m.
1HEYOKN0073	3	8/6/2013	1020	0.1	8/6/2013	26.41	225	0.146	90.3	7.27	37	0.109	7.58	211	68.5					
1HEYOKN0072	1	8/6/2013	1150	8	8/6/2013	20.36	253	0.164	3.8	0.34	27	8.01	7.34	-33	74.5					
1HEYOKN0072	1	8/6/2013	1150	7	8/6/2013	21.83	233	0.152	3.3	0.29	26	7.043	7.24	-28	86.5					
1HEYOKN0072	1	8/6/2013	1150	6	8/6/2013	22.67	226	0.147	7.2	0.63	27	6.013	7.26	-5	103.3					
1HEYOKN0072	1	8/6/2013	1150	5	8/6/2013	23.18	225	0.146	19.7	1.68	29	5.021	7.27	17	100.9					
1HEYOKN0072	1	8/6/2013	1150	4	8/6/2013	23.55	225	0.146	28.6	2.43	30	4.054	7.28	30	99.3					
1HEYOKN0072	1	8/6/2013	1150	3	8/6/2013	24.26	224	0.146	56	4.69	33	3.013	7.37	49	84.2					
1HEYOKN0072	1	8/6/2013	1150	2	8/6/2013	24.67	224	0.146	67.7	5.63	35	2.086	7.41	60	82.5					
1HEYOKN0072	1	8/6/2013	1150	1.5	8/6/2013											797.5	0.6172			
1HEYOKN0072	1	8/6/2013	1150	1	8/6/2013	25.42	224	0.146	81.7	6.69	36	1.05	7.48	66	76.9	851.6	6.041			
1HEYOKN0072	1	8/6/2013	1150	0.5	8/6/2013	25.64	224	0.146	91	7.43	37	0.54	7.58	75	73.7	895.2	49.89	No Data	8.4	Zooplankton tow 5 m.
1HEYOKN0072	1	8/6/2013	1150	0.1	8/6/2013	25.88	224	0.146	94.4	7.67	38	0.12	7.63	82	72	867.3	241.8			
1HEYOKN0073	3	9/4/2013	1000	5.5	9/4/2013	25.95	242	0.157	14.9	1.21	47	5.527	7.24	57	56.8					
1HEYOKN0073	3	9/4/2013	1000	5	9/4/2013	26.22	240	0.156	33.7	2.72	50	5.031	7.26	57	53.5					
1HEYOKN0073	3	9/4/2013	1000	4	9/4/2013	26.87	236	0.153	70.4	5.62	55	4.008	7.43	63	48.5					
1HEYOKN0073	3	9/4/2013	1000	3	9/4/2013	27.2	236	0.153	76	6.03	56	3.015	7.47	69	48					
1HEYOKN0073	3	9/4/2013	1000	2	9/4/2013	27.33	236	0.153	76.1	6.03	56	2.012	7.5	73	48.6					
1HEYOKN0073	3	9/4/2013	1000	1	9/4/2013	27.42	235	0.153	76.2	6.02	56	1.021	7.51	76	49.3					
1HEYOKN0073	3	9/4/2013	1000	0.5	9/4/2013	27.62	236	0.153	79.6	6.27	56	0.447	7.56	82	47.5			0.3	5.8	Zooplankton tow 5 m.
1HEYOKN0073	3	9/4/2013	1000	0.1	9/4/2013	27.93	236	0.153	80.9	6.34	57	0.115	7.49	87	47.2					
1HEYOKN0074	2	9/4/2013	1025	4	9/4/2013	26.37	243	0.158	11.5	0.93	47	4	7.27	20	69.8					
1HEYOKN0074	2	9/4/2013	1025	3	9/4/2013	27.54	241	0.157	75.1	5.92	55	3.024	7.48	40	68.2					
1HEYOKN0074	2	9/4/2013	1025	2	9/4/2013	27.76	242	0.157	78	6.13	56	2.053	7.54	54	62.4					
1HEYOKN0074	2	9/4/2013	1025	1	9/4/2013	28.18	238	0.155	87.4	6.81	57	1.029	7.67	59	52.1					
1HEYOKN0074	2	9/4/2013	1025	0.5	9/4/2013	28.32	238	0.155	91.1	7.09	58	0.545	7.71	64	50.9			0.3	4.5	Zooplankton tow 4 m.
1HEYOKN0074	2	9/4/2013	1025	0.1	9/4/2013	28.51	238	0.155	92.6	7.18	58	0.131	7.75	66	48.2					
1HEYOKN0072	1	9/4/2013	1055	6.5	9/4/2013	25.19	239	0.155	9	0.74	46	6.492	7.18	-22	79.3					
1HEYOKN0072	1	9/4/2013	1055	6	9/4/2013	25.33	237	0.154	8.9	0.73	47	6.075	7.17	-20	79.4					
1HEYOKN0072	1	9/4/2013	1055	5	9/4/2013	25.66	232	0.151	8.3	0.68	47	5.044	7.16	-20	79.1					
1HEYOKN0072	1	9/4/2013	1055	4	9/4/2013	26.04	232	0.151	8.1	0.66	46	4.05	7.14	-17	79.6					
1HEYOKN0072	1	9/4/2013	1055	3	9/4/2013	27.52	234	0.152	51.8	4.09	53	2.939	7.33	24	58.9					
1HEYOKN0072	1	9/4/2013	1055	2	9/4/2013	28.13	235	0.153	87.2	6.81	58	1.971	7.65	43	41.6	933.8	2.55			
1HEYOKN0072	1	9/4/2013	1055	1.5	9/4/2013											994	11.98			
1HEYOKN0072	1	9/4/2013	1055	1	9/4/2013	28.21	235	0.153	88.5	6.9	58	1.029	7.7	55	40.3	939.3	55.46			
1HEYOKN0072	1	9/4/2013	1055	0.5	9/4/2013	28.25	235	0.153	89.4	6.96	58	0.469	7.7	58	40.5	883.6	246.5	0.3	6.9	Zooplankton tow 5 m.
1HEYOKN0072	1	9/4/2013	1055	0.1	9/4/2013	29	236	0.153	90.9	6.99	59	0.087	7.61	64	40.1	1058	607			