

Location	Date	Time	Time	Temp	SpCond	TDS	DO	DO Conc	DO Charge	Depth	pH	ORP	Turbidity	BP	Site	Light Intensity-S	Light Intensity-DW	Secchi (m)	Zmax (m)	Notes
	M/D/Y	hh:mm:ss	hhmm	Deg. C	uS/cm	g/L	%	mg/L		m		mV	NTU	psi		$\mu\text{mol}\cdot\text{s}^{-1}\cdot\text{m}^{-2}$	$\mu\text{mol}\cdot\text{s}^{-1}\cdot\text{m}^{-2}$			
ISUPOKN0227	3/29/2011	9:37:01	0955	10.26	1130		87.2	9.75	56	0.1	8.07	229	59.1	13.81	5	No Data	No Data	No Data	No Data	No Data
ISUPOKN0228	3/29/2011	10:26:25	1045	8.45	1049		88.3	10.31	54	1	8.25	210	71.4	13.8	4					
ISUPOKN0228	3/29/2011	10:26:46	1045	8.45	1049		86.4	10.08	54	0.5	8.29	206	64.4	13.8	4			0.28	1.4	1 meter zooplankton tow
ISUPOKN0228	3/29/2011	10:26:54	1045	8.46	1049		85.9	10.03	54	0.1	8.3	205	62.8	13.8	4					
ISUPOKN0071	3/29/2011	10:37:36	1100	8.65	1049		84.5	9.82	54	2	8.29	192	57.7	13.8	3					
ISUPOKN0071	3/29/2011	10:38:14	1100	8.69	1048		84	9.75	54	1	8.32	189	56.4	13.8	3					
ISUPOKN0071	3/29/2011	10:38:49	1100	8.7	1048		83.7	9.71	54	0.5	8.33	187	56.7	13.8	3			0.23	2.5	2 meter zooplankton tow
ISUPOKN0071	3/29/2011	10:39:44	1100	8.71	1048		83.5	9.68	54	0.1	8.34	184	57.4	13.8	3					
ISUPOKN0070	3/29/2011	10:55:18	1120	9.36	1046		84.6	9.66	55	2	8.35	180	130.1	13.8	2					
ISUPOKN0070	3/29/2011	10:56:02	1120	9.37	1046		83.3	9.51	55	1	8.36	178	124.6	13.8	2					
ISUPOKN0070	3/29/2011	10:57:04	1120	9.38	1046		82.7	9.44	54	0.5	8.37	177	120.1	13.8	2			0.25	2.2	2 meter zooplankton tow
ISUPOKN0070	3/29/2011	10:58:02	1120	9.39	1046		82.5	9.41	55	0.1	8.37	176	71	13.8	2					
ISUPOKN0069	3/29/2011	11:13:53	1145	9.38	1046		82	9.36	53	3	8.37	178	231.6	13.8	1					
ISUPOKN0069	3/29/2011	11:15:19	1145	9.38	1046		81.9	9.36	53	2.5	8.38	177	206.6	13.8	1					
ISUPOKN0069	3/29/2011	11:16:05	1145	9.38	1046		81.7	9.33	53	2	8.38	177	202.5	13.8	1	161.1	0.06327			
ISUPOKN0069	3/29/2011	11:16:41	1145	9.38	1046		81.7	9.33	54	1	8.38	177	202.3	13.8	1	162.8	3.28			
ISUPOKN0069	3/29/2011	11:17:20	1145	9.39	1046		81.8	9.33	54	0.5	8.38	176	189.5	13.8	1	183.2	27.82	0.21	4	4 meter zooplankton tow
ISUPOKN0069	3/29/2011	11:18:15	1145	9.37	1046		81.6	9.32	54	0.1	8.38	176	183.6	13.8	1	181.9	222.7			
ISUPOKN0227	4/26/2011	9:52:29	0940	15.56	1101	0.716	102.1	10.14	51	0.1	8.39	164	49.2	13.58	5					
ISUPOKN0070	4/26/2011	10:29:10	1030	13.36	1090	0.708	86.6	9.02	48	2.5	8.33	3	199	13.55	2					
ISUPOKN0070	4/26/2011	10:29:38	1030	13.48	1090	0.708	86.2	8.96	48	2	8.36	9	62.8	13.55	2					
ISUPOKN0070	4/26/2011	10:30:02	1030	13.62	1089	0.708	86.9	9	48	1.5	8.38	12	55	13.55	2					
ISUPOKN0070	4/26/2011	10:30:23	1030	13.65	1089	0.708	87.6	9.07	49	1	8.39	15	48.2	13.55	2					
ISUPOKN0070	4/26/2011	10:30:40	1030	13.68	1089	0.708	88.2	9.13	49	0.5	8.4	17	45.7	13.55	2			0.32	2.9	2 meter zooplankton tow
ISUPOKN0070	4/26/2011	10:31:07	1030	13.82	1089	0.708	88.7	9.14	49	0.1	8.4	19	44.6	13.55	2					
ISUPOKN0228	4/26/2011	10:51:11	1050	13.14	1091	0.709	92.7	9.7	49	0.1	8.41	73	56.7	13.57	4					
ISUPOKN0228	4/26/2011	10:51:35	1050	13.14	1090	0.709	91.3	9.56	49	0.5	8.43	71	55.9	13.57	4			0.29	1	1 meter zooplankton tow
ISUPOKN0071	4/26/2011	11:02:41	1105	13.48	1090	0.709	88.8	9.23	48	2	8.41	83	57.3	13.56	3					
ISUPOKN0071	4/26/2011	11:03:16	1105	13.55	1090	0.709	88.3	9.16	48	1.5	8.44	80	54.7	13.56	3					
ISUPOKN0071	4/26/2011	11:03:42	1105	13.61	1090	0.709	89.1	9.23	48	1	8.45	79	52.8	13.56	3					
ISUPOKN0071	4/26/2011	11:04:09	1105	13.65	1090	0.709	89.6	9.27	48	0.5	8.45	77	52.3	13.56	3			0.32	2.5	2 meter zooplankton tow
ISUPOKN0071	4/26/2011	11:04:34	1105	13.66	1090	0.709	89.9	9.3	48	0.1	8.46	76	51.3	13.56	3					
ISUPOKN0069	4/26/2011	11:17:50	1120	13.83	1091	0.709	88.2	9.09	48	3	8.4	88	56.7	13.56	1					
ISUPOKN0069	4/26/2011	11:18:18	1120	13.83	1091	0.709	86.5	8.92	48	2.5	8.42	86	55.6	13.56	1					
ISUPOKN0069	4/26/2011	11:18:39	1120	13.86	1091	0.709	86.2	8.88	48	2	8.42	85	55.3	13.56	1					
ISUPOKN0069	4/26/2011	11:18:54	1120	13.9	1091	0.709	86.2	8.87	48	1.5	8.43	84	54.2	13.56	1	315.6	0.9452			
ISUPOKN0069	4/26/2011	11:19:21	1120	13.94	1090	0.709	86.5	8.9	48	1	8.43	83	54	13.56	1	303.9	6.98			
ISUPOKN0069	4/26/2011	11:19:33	1120	13.98	1091	0.709	86.6	8.9	48	0.5	8.44	83	53	13.56	1	275.4	41.38	0.35	3.6	3 meter zooplankton tow
ISUPOKN0069	4/26/2011	11:19:55	1120	14.01	1090	0.709	87.1	8.94	48	0.1	8.44	82	52.5	13.56	1	299.3	177.4			
ISUPOKN0227	5/10/2011	10:01:44	0955	21.91	1241	0.806	100.6	8.78	50	0.1	7.91	195	39.8	13.6	5					
ISUPOKN0071	5/10/2011	10:34:57	1040	20.09	1088	0.707	92.3	8.35	48	2	8.23	172	42.8	13.59	3					
ISUPOKN0071	5/10/2011	10:35:32	1040	20.32	1090	0.708	92	8.29	48	1.5	8.24	169	42.2	13.59	3					
ISUPOKN0071	5/10/2011	10:35:59	1040	20.45	1090	0.709	92.1	8.27	48	1	8.25	167	41.9	13.59	3					
ISUPOKN0071	5/10/2011	10:36:19	1040	20.45	1090	0.709	92.1	8.28	48	0.5	8.26	166	41.9	13.59	3			0.25	2.4	2 meter zooplankton tow
ISUPOKN0071	5/10/2011	10:36:45	1040	20.44	1090	0.709	92.2	8.28	48	0.1	8.26	165	41.5	13.59	3					
ISUPOKN0228	5/10/2011	10:47:54	1050	20.71	1092	0.71	96.4	8.62	49	0.1	8.26	169	36.1	13.59	4					
ISUPOKN0228	5/10/2011	10:48:18	1050	20.75	1092	0.71	95.3	8.51	48	0.5	8.28	166	36.1	13.59	4			0.3	1.1	1 meter zooplankton tow
ISUPOKN0228	5/10/2011	10:48:37	1050	20.56	1089	0.708	94.7	8.49	48	1	8.29	165	38.3	13.59	4					
ISUPOKN0070	5/10/2011	11:00:42	1105	19.55	1086	0.706	94.2	8.62	48	2.5	8.26	23	56.5	13.59	2					
ISUPOKN0070	5/10/2011	11:01:14	1105	19.73	1086	0.706	93.3	8.5	48	2	8.27	26	53.4	13.6	2					
ISUPOKN0070	5/10/2011	11:01:38	1105	19.8	1086	0.706	93.8	8.54	48	1.5	8.27	29	52.9	13.6	2					
ISUPOKN0070	5/10/2011	11:02:15	1105	19.89	1085	0.705	94.9	8.62	48	1	8.28	32	52.7	13.6	2					
ISUPOKN0070	5/10/2011	11:02:47	1105	20.02	1085	0.706	95.8	8.68	48	0.5	8.29	34	50.6	13.6	2			0.38	2.8	2 meter zooplankton tow
ISUPOKN0070	5/10/2011	11:03:13	1105	20.13	1086	0.706	96.2	8.69	48	0.1	8.3	36	50.1	13.6	2					
ISUPOKN0069	5/10/2011	11:14:49	1115	20.24	1086	0.706	95.6	8.63	48	3	8.25	0	39.8	13.59	1					
ISUPOKN0069	5/10/2011	11:15:19	1115	20.31	1086	0.706	94.2	8.49	47	2.5	8.27	13	39.2	13.6	1					
ISUPOKN0069	5/10/2011	11:15:55	1115	20.36	1086	0.706	92.9	8.36	48	2	8.27	21	39.1	13.6	1					
ISUPOKN0069	5/10/2011	11:16:15	1115	20.49	1086	0.706	93.2	8.36	48	1.5	8.27	24	39.8	13.6	1	758.2	5.8			
ISUPOKN0069	5/10/2011	11:16:47	1115	20.65	1085	0.705	94.6	8.47	48	1	8.28	28	39.4	13.6	1	890.6	29.07			
ISUPOKN0069	5/10/2011	11:16:36	1115																	

Location	Date	Time	Time	Temp	SpCond	TDS	DO	DO Conc	DO Charge	Depth	pH	ORP	Turbidity	BP	Site	Light Intensity-S	Light Intensity-DW	Secchi (m)	Zmax (m)	Notes
	M/D/Y	hh:mm:ss	hhmm	Deg. C	uS/cm	g/L	%	mg/L		m		mV	NTU	psi		$\mu\text{mol}\cdot\text{s}^{-1}\cdot\text{m}^{-2}$	$\mu\text{mol}\cdot\text{s}^{-1}\cdot\text{m}^{-2}$			
ISUPOKN0071	6/28/2011	10:44:48	1045	24.86	1136	0.739	88.2	7.28	49	2	8.42	209	64.3	13.79	3					
ISUPOKN0071	6/28/2011	10:45:16	1045	24.89	1137	0.739	88.8	7.33	49	1.5	8.43	208	61.3	13.79	3					
ISUPOKN0071	6/28/2011	10:45:37	1045	25	1138	0.74	89.6	7.38	49	1	8.43	208	60.5	13.79	3					
ISUPOKN0071	6/28/2011	10:46:17	1045	25.04	1138	0.74	90.6	7.46	50	0.5	8.44	207	60.8	13.79	3			0.21	2.3	2 meter zooplankton tow
ISUPOKN0071	6/28/2011	10:46:48	1045	25.05	1138	0.74	90.5	7.45	49	0.1	8.44	207	60	13.79	3					
ISUPOKN0070	6/28/2011	10:59:45	1100	24.73	1137	0.739	81.2	6.72	49	2.5	8.38	168	113.3	13.8	2					
ISUPOKN0070	6/28/2011	11:00:16	1100	24.78	1137	0.739	84.6	7	49	2	8.4	170	65.6	13.8	2					
ISUPOKN0070	6/28/2011	11:00:48	1100	24.86	1137	0.739	85.7	7.08	49	1.5	8.4	173	57.6	13.8	2					
ISUPOKN0070	6/28/2011	11:01:27	1100	24.91	1137	0.739	86.6	7.15	49	1	8.41	175	54.8	13.8	2					
ISUPOKN0070	6/28/2011	11:01:46	1100	25.13	1137	0.739	86.4	7.1	49	0.5	8.42	175	54.2	13.8	2			0.18	2.8	2 meter zooplankton tow
ISUPOKN0070	6/28/2011	11:02:18	1100	25.23	1137	0.739	90.7	7.44	50	0.1	8.43	176	53.2	13.8	2					
ISUPOKN0069	6/28/2011	11:26:03	1120	25.11	1138	0.74	91.5	7.52	50	3	8.46	182	49.4	13.82	1					
ISUPOKN0069	6/28/2011	11:27:10	1120	25.14	1138	0.739	91.8	7.54	50	2.5	8.46	183	47.5	13.82	1					
ISUPOKN0069	6/28/2011	11:27:44	1120	25.16	1138	0.739	91.9	7.55	50	2	8.46	183	46.4	13.82	1					
ISUPOKN0069	6/28/2011	11:29:15	1120	25.2	1138	0.739	92	7.55	50	1.5	8.46	185	47.2	13.82	1	1245	3.105			
ISUPOKN0069	6/28/2011	11:29:49	1120	25.39	1137	0.739	94.4	7.72	50	1	8.48	185	45.9	13.83	1	1345	23.47			
ISUPOKN0069	6/28/2011	11:30:26	1120	25.63	1138	0.74	96.5	7.85	51	0.5	8.49	185	43.5	13.83	1	1288	166.4	0.31	3.4	3 meter zooplankton tow
ISUPOKN0069	6/28/2011	11:31:29	1120	26.06	1139	0.74	96.3	7.78	50	0.1	8.48	185	41.4	13.83	1	1355	777			
ISUPOKN0227	7/26/2011	9:43:35	0935	28.56	1205	0.783	78.3	6.05	50	0.1	8.16	295	61.4	13.7	5					
ISUPOKN0228	7/26/2011	10:42:46	1045	28.78	1198	0.779	93.1	7.16	52	0.5	8.51	260	120.3	13.7	4			0.19	0.5	No zooplankton tow
ISUPOKN0071	7/26/2011	11:07:10	1105	28.22	1196	0.778	83.8	6.51	51	1.5	8.44	156	72.9	13.71	3					
ISUPOKN0071	7/26/2011	11:08:31	1105	28.41	1194	0.776	94.3	7.31	52	1	8.5	170	60.9	13.71	3					
ISUPOKN0071	7/26/2011	11:09:41	1105	28.65	1193	0.775	101.7	7.85	54	0.5	8.55	178	57.5	13.71	3			0.21	1.8	1.5 meter zooplankton tow
ISUPOKN0071	7/26/2011	11:10:31	1105	30.1	1199	0.78	110.5	8.31	55	0.1	8.61	177	55.8	13.72	3					
ISUPOKN0070	7/26/2011	11:24:58	1125	27.05	1187	0.772	54.6	4.34	47	2	8.25	303	94.4	13.71	2					
ISUPOKN0070	7/26/2011	11:26:06	1125	27.07	1187	0.771	55.2	4.38	47	1.5	8.27	300	81.6	13.72	2					
ISUPOKN0070	7/26/2011	11:27:12	1125	27.1	1187	0.772	56.4	4.47	47	1	8.28	298	69.8	13.71	2					
ISUPOKN0070	7/26/2011	11:28:14	1125	29.11	1187	0.772	94.7	7.24	53	0.5	8.5	282	51.2	13.72	2			0.22	2.1	2 meter zooplankton tow
ISUPOKN0070	7/26/2011	11:29:13	1125	30.41	1186	0.771	109	8.16	55	0.1	8.57	272	35.8	13.72	2					
ISUPOKN0069	7/26/2011	11:44:17	1145	28.17	1194	0.776	28.3	2.2	45	3	8.15	148	43.3	13.71	1					
ISUPOKN0069	7/26/2011	11:45:32	1145	28.16	1199	0.779	48.4	3.77	47	2.5	8.22	147	98.5	13.71	1					
ISUPOKN0069	7/26/2011	11:46:48	1145	28.25	1192	0.775	58	4.51	48	2	8.28	155	153.6	13.71	1					
ISUPOKN0069	7/26/2011	11:47:42	1145	28.56	1188	0.772	81.2	6.27	52	1.5	8.44	156	208.8	13.72	1					
ISUPOKN0069	7/26/2011	11:48:25	1145	28.87	1188	0.772	95.7	7.35	53	1	8.51	154	211	13.72	1					
ISUPOKN0069	7/26/2011	11:49:16	1145	29.34	1187	0.772	104.3	7.95	55	0.5	8.56	134	218	13.72	1			0.3	3.4	3 meter zooplankton tow
ISUPOKN0069	7/26/2011	11:50:13	1145	29.89	1188	0.772	109.6	8.27	55	0.1	8.59	145	222.6	13.73	1	No Data	No Data			
ISUPOKN0227	8/23/2011	9:53:38	0950	25.9	1227	0.798	86	6.97	61	0.1	8.22	341	90.5	13.72	5					
ISUPOKN0228	8/23/2011	10:22:10	1025	25.03	1211	0.787	85.4	7.03	60	0.5	8.42	349	83.4	13.71	4			0.18	0.56	No zooplankton tow
ISUPOKN0228	8/23/2011	10:22:37	1025	25.08	1211	0.787	85.3	7.01	59	0.1	8.43	338	83.6	13.72	4					
ISUPOKN0071	8/23/2011	10:31:42	1035	25.44	1212	0.788	81.3	6.64	58	1.5	8.41	222	139.7	13.72	3					
ISUPOKN0071	8/23/2011	10:32:30	1035	25.55	1211	0.787	81.5	6.65	58	1	8.42	228	137.9	13.72	3					
ISUPOKN0071	8/23/2011	10:32:54	1035	25.61	1211	0.787	81.1	6.61	58	0.5	8.42	229	137.8	13.72	3			0.2	1.7	1.5 meter zooplankton tow
ISUPOKN0071	8/23/2011	10:33:20	1035	25.63	1211	0.787	81.5	6.63	58	0.1	8.42	230	138.2	13.72	3					
ISUPOKN0070	8/23/2011	10:43:56	1050	25.37	1208	0.785	74.4	6.09	57	1.5	8.28	211	351.3	13.72	2					
ISUPOKN0070	8/23/2011	10:44:25	1050	25.38	1207	0.785	74	6.05	57	1	8.28	215	352.9	13.72	2					
ISUPOKN0070	8/23/2011	10:44:44	1050	25.39	1208	0.785	73.7	6.02	57	0.5	8.28	217	353.8	13.72	2			0.2	2	1.5 meter zooplankton tow
ISUPOKN0070	8/23/2011	10:45:00	1050	25.4	1208	0.785	73.6	6.02	58	0.1	8.28	218	353.9	13.72	2					
ISUPOKN0069	8/23/2011	11:01:19	1105	25.82	1209	0.786	65.8	5.34	56	3	8.25	157	109.4	13.73	1					
ISUPOKN0069	8/23/2011	11:02:00	1105	25.86	1208	0.785	66.7	5.41	56	2	8.27	168	102.9	13.72	1					
ISUPOKN0069	8/23/2011	11:02:40	1105	26.34	1205	0.783	77.8	6.25	58	1	8.37	171	61.6	13.72	1	947.6	2.738			
ISUPOKN0069	8/23/2011	11:02:54	1105	26.35	1205	0.783	79	6.35	58	0.5	8.38	174	59.4	13.72	1	741.1	36.23	0.29	3.3	3 meter zooplankton tow
ISUPOKN0069	8/23/2011	11:03:19	1105	26.35	1205	0.783	79.6	6.4	59	0.1	8.38	177	58.9	13.72	1	841.5	262			
ISUPOKN0227	9/27/2011	9:16:10	0910	19.59	1293	0.84	87.9	8.03	65	0.1	8.23	384	70.9	13.73	5					
ISUPOKN0071	9/27/2011	10:22:39	1015	20.17	1288	0.837	102.1	9.22	66	0.1	8.48	253	78.5	13.74	3			No Data	No Data	Too shallow to launch; shoreline sample; no zooplankton
ISUPOKN0228	9/27/2011	10:36:32	1035	20.22	681	0.443	114.1	10.31	65	0.1	8.63	242	85.8	13.74	4			No Data	No Data	Too shallow to launch; shoreline sample; no zooplankton
ISUPOKN0069	9/27/2011	10:53:48	1050	20.86	1260	0.819	115.3	10.27	64	0.1	8.61	247	62.4	13.75	1	No Data	No Data	No Data	No Data	Too shallow to launch; shoreline sample; no bottom sample; no zooplankton
ISUPOKN0070	9/27/2011	11:07:22	1105	21.69	789	0.513	123.4	10.83	66	0.1	8.64	230	58.9	13.75	2			No Data	No Data	Too shallow to launch; shoreline sample; no zooplankton