

DateTime (mm/dd/year hr:min)	Temp (C)	Temp (F)	Salinity (ppt)	Dissolved Oxygen (%)	Dissolved Oxygen (mg/l)	Depth (ft)	Turbidity (NTU)	Chlorophyll (ug/l)	NOTES
12/10/2002 2:00									
12/10/2002 2:30									
12/10/2002 3:00									
12/10/2002 3:30									
12/10/2002 4:00									
12/10/2002 4:30									
12/10/2002 5:00									
12/10/2002 5:30									
12/10/2002 6:00									
12/10/2002 6:30									
12/10/2002 7:00									
12/10/2002 7:30	13.92	57.05	31.31	92.60	7.87	3.48		21.50	
12/10/2002 8:00									
12/10/2002 8:30									
12/10/2002 9:00									
12/10/2002 9:30									
12/10/2002 10:00									
12/10/2002 10:30									
12/10/2002 11:00									
12/10/2002 11:30									
12/10/2002 12:00									
12/10/2002 12:30									
12/10/2002 13:00									
12/10/2002 13:30	14.93	58.87	28.92	108.60	9.22	1.89	1.70	3.90	New Sonde
12/10/2002 14:00	14.95	58.91	29.54	109.70	9.28	2.19	1.20	4.00	
12/10/2002 14:30	14.96	58.93	29.98	110.60	9.33	2.55	1.09	3.79	
12/10/2002 15:00	14.96	58.92	29.78	110.09	9.30	2.83	0.49	3.69	
12/10/2002 15:30	14.97	58.94	29.88	109.89	9.27	3.13	-0.02	3.38	
12/10/2002 16:00	14.93	58.88	30.10	109.49	9.23	3.43	0.28	2.98	
12/10/2002 16:30	14.97	58.95	30.26	110.19	9.28	3.67	-0.13	3.17	
12/10/2002 17:00	14.96	58.92	30.75	109.68	9.21	3.87	0.37	3.17	
12/10/2002 17:30	14.93	58.87	30.88	108.98	9.14	4.04	0.96	2.77	
12/10/2002 18:00	14.86	58.74	31.16	107.88	9.04	4.28	0.06	3.36	
12/10/2002 18:30	14.86	58.75	31.25	107.58	9.01	4.43	0.35	3.06	
12/10/2002 19:00	14.89	58.80	31.27	108.37	9.08	4.46	-0.45	3.15	
12/10/2002 19:30	14.90	58.82	31.32	109.07	9.13	4.38	-0.06	3.05	
12/10/2002 20:00	14.90	58.82	31.20	108.77	9.11	4.20	0.04	4.24	
12/10/2002 20:30	14.87	58.76	31.03	106.87	8.96	4.05	0.24	3.24	
12/10/2002 21:00	14.86	58.74	31.00	106.07	8.90	3.88	0.13	3.54	
12/10/2002 21:30	14.88	58.79	30.83	105.36	8.84	3.77	-0.37	3.73	
12/10/2002 22:00	14.89	58.81	30.68	104.86	8.80	3.63	-0.28	3.73	
12/10/2002 22:30	14.92	58.85	30.51	104.16	8.74	3.49	-0.18	3.52	
12/10/2002 23:00	14.93	58.88	30.37	103.16	8.66	3.48	-0.09	3.42	
12/10/2002 23:30	14.89	58.81	30.70	100.45	8.41	3.54	-0.19	2.62	
12/11/2002 0:00	14.93	58.88	30.51	102.15	8.57	3.69	0.30	3.21	
12/11/2002 0:30	14.94	58.89	30.37	103.45	8.69	3.75	-0.00	3.71	
12/11/2002 1:00	14.98	58.97	30.11	103.95	8.74	3.66	-0.21	3.80	
12/11/2002 1:30	14.96	58.93	30.28	100.34	8.42	3.71	0.09	3.10	
12/11/2002 2:00	14.96	58.92	30.38	100.04	8.38	3.90	0.08	2.99	
12/11/2002 2:30	14.98	58.96	30.20	100.94	8.47	3.89	0.28	3.29	
12/11/2002 3:00	14.99	58.98	30.04	100.44	8.43	3.87	0.67	3.89	
12/11/2002 3:30	14.97	58.95	30.10	100.74	8.46	3.91	2.57	4.28	
12/11/2002 4:00	14.94	58.89	30.27	100.63	8.45	3.99	6.46	3.98	
12/11/2002 4:30	14.92	58.85	30.66	100.53	8.42	4.06	3.06	3.57	

DateTime (mm/dd/year hr:min)	Temp (C)	Temp (F)	Salinity (ppt)	Dissolved Oxygen (%)	Dissolved Oxygen (mg/l)	Depth (ft)	Turbidity (NTU)	Chlorophyll (ug/l)	NOTES
12/11/2002 5:00	14.88	58.78	30.88	100.93	8.45	4.09	3.56	4.07	
12/11/2002 5:30	14.86	58.74	30.94	99.93	8.36	4.07	4.85	4.16	
12/11/2002 6:00	14.84	58.71	30.89	100.02	8.38	4.08	5.45	3.86	
12/11/2002 6:30	14.84	58.71	30.59	99.32	8.33	4.03	5.64	4.46	
12/11/2002 7:00	14.84	58.72	30.32	99.02	8.32	3.84	4.34	4.65	
12/11/2002 7:30	14.84	58.72	30.28	98.52	8.28	3.70	3.63	3.45	
12/11/2002 8:00	14.79	58.62	30.53	97.51	8.19	3.52	4.53	3.94	
12/11/2002 8:30	14.82	58.68	30.29	96.51	8.11	3.25	2.92	3.54	
12/11/2002 9:00	14.88	58.79	29.85	94.31	7.93	2.94	3.12	4.03	
12/11/2002 9:30	14.94	58.89	29.52	93.41	7.86	2.69	0.81	4.13	
12/11/2002 10:00	15.00	59.00	29.31	94.11	7.92	2.43	2.01	3.83	
12/11/2002 10:30	15.10	59.18	29.09	96.30	8.10	2.24	0.71	3.32	
12/11/2002 11:00	15.23	59.42	28.87	97.80	8.22	2.06	0.80	3.52	
12/11/2002 11:30	15.37	59.66	28.61	99.90	8.39	1.92	0.20	3.71	
12/11/2002 12:00	15.56	60.00	28.25	102.70	8.62	1.80	0.29	3.71	
12/11/2002 12:30	15.79	60.43	28.06	104.79	8.77	1.75	1.89	3.60	
12/11/2002 13:00	15.93	60.67	27.91	106.19	8.88	1.70	0.68	3.80	
12/11/2002 13:30	16.04	60.88	28.17	108.19	9.02	1.72	1.38	3.70	
12/11/2002 14:00	16.10	60.98	28.16	110.19	9.18	1.77	2.17	3.79	
12/11/2002 14:30	16.13	61.04	28.30	110.28	9.18	1.94	0.87	3.99	
12/11/2002 15:00	16.12	61.01	28.51	111.08	9.24	2.15	0.36	3.78	
12/11/2002 15:30	16.07	60.93	28.67	111.18	9.24	2.36	1.46	3.78	
12/11/2002 16:00	15.99	60.78	28.84	111.08	9.24	2.60	0.95	3.38	
12/11/2002 16:30	15.96	60.73	28.96	111.48	9.28	2.80	0.65	3.57	
12/11/2002 17:00	15.88	60.58	29.06	110.27	9.18	2.92	0.35	3.37	
12/11/2002 17:30	15.80	60.44	29.16	109.67	9.14	3.04	-0.36	3.56	
12/11/2002 18:00	15.75	60.35	29.29	109.47	9.12	3.24	0.04	3.26	
12/11/2002 18:30	15.69	60.24	29.43	108.87	9.07	3.47	0.23	3.65	
12/11/2002 19:00	15.59	60.07	29.60	107.86	8.99	3.66	-0.47	3.25	
12/11/2002 19:30	15.56	60.00	29.61	107.86	9.00	3.65	0.02	3.45	
12/11/2002 20:00	15.51	59.92	29.54	106.86	8.92	3.63	-0.18	3.34	
12/11/2002 20:30	15.48	59.86	29.43	106.66	8.92	3.51	-0.29	3.04	
12/11/2002 21:00	15.47	59.84	29.29	105.65	8.84	3.38	-0.39	3.73	
12/11/2002 21:30	15.42	59.75	29.19	104.65	8.77	3.29	-0.50	4.13	
12/11/2002 22:00	15.37	59.67	29.02	103.65	8.70	3.16	-0.40	3.92	
12/11/2002 22:30	15.32	59.57	28.86	104.15	8.76	3.01	0.09	3.62	
12/11/2002 23:00	15.27	59.48	28.74	104.05	8.77	2.84	-0.11	3.72	
12/11/2002 23:30	15.22	59.39	28.50	103.34	8.73	2.69	0.09	3.71	
12/12/2002 0:00	15.17	59.30	28.10	102.84	8.72	2.55	-0.12	4.01	
12/12/2002 0:30	15.13	59.23	27.96	101.04	8.58	2.52	-0.22	3.70	
12/12/2002 1:00	15.07	59.12	27.97	100.44	8.53	2.50	-0.23	3.80	
12/12/2002 1:30	14.99	58.99	27.97	100.43	8.55	2.49	-0.23	3.59	
12/12/2002 2:00	14.93	58.87	28.03	100.03	8.52	2.53	-0.44	4.29	
12/12/2002 2:30	14.85	58.73	28.05	99.63	8.50	2.52	-0.54	4.39	
12/12/2002 3:00	14.77	58.58	28.03	98.83	8.45	2.53	-0.35	3.58	
12/12/2002 3:30	14.71	58.48	28.10	97.92	8.37	2.60	-0.35	4.18	
12/12/2002 4:00	14.66	58.39	28.16	98.02	8.39	2.69	-0.76	3.57	
12/12/2002 4:30	14.59	58.26	28.41	98.12	8.40	2.82	-0.76	3.87	
12/12/2002 5:00	14.51	58.11	28.73	98.02	8.38	2.98	-0.97	4.26	
12/12/2002 5:30	14.46	58.03	29.03	97.01	8.29	3.17	-0.37	2.96	
12/12/2002 6:00	14.43	57.98	29.09	96.21	8.22	3.23	-0.67	4.46	
12/12/2002 6:30	14.37	57.87	29.16	96.51	8.25	3.33	-0.48	2.95	
12/12/2002 7:00	14.33	57.80	29.22	96.81	8.28	3.34	-0.88	3.15	
12/12/2002 7:30	14.30	57.74	29.25	97.31	8.33	3.32	-1.09	3.24	
12/12/2002 8:00	14.25	57.65	29.29	97.40	8.35	3.24	-1.19	3.14	

DateTime (mm/dd/year hr:min)	Temp (C)	Temp (F)	Salinity (ppt)	Dissolved Oxygen (%)	Dissolved Oxygen (mg/l)	Depth (ft)	Turbidity (NTU)	Chlorophyll (ug/l)	NOTES
12/12/2002 8:30	14.26	57.66	29.39	98.60	8.45	3.09	0.00	3.34	
12/12/2002 9:00	14.25	57.65	29.74	99.70	8.52	2.96	-0.40	2.73	
12/12/2002 9:30	14.26	57.67	29.86	99.60	8.50	2.83	-1.01	2.83	
12/12/2002 10:00	14.24	57.63	29.79	100.39	8.58	2.71	-0.41	3.02	
12/12/2002 10:30	14.28	57.70	29.61	99.89	8.54	2.70	-1.12	2.32	
12/12/2002 11:00	14.28	57.71	29.58	99.89	8.54	2.53	-0.92	2.51	
12/12/2002 11:30	14.23	57.62	28.85	99.79	8.58	2.44	-0.93	2.91	
12/12/2002 12:00	14.23	57.62	28.77	99.98	8.61	2.19	-1.23	3.41	
12/12/2002 12:30	14.27	57.68	28.71	99.88	8.59	2.11	-1.33	2.50	
12/12/2002 13:00	14.28	57.70	27.85	100.48	8.69	1.95	-1.54	3.60	
12/12/2002 13:30	14.32	57.77	27.81	101.18	8.75	1.80	-1.14	3.29	
12/12/2002 14:00	14.40	57.92	27.26	102.38	8.87	1.69	-1.35	3.89	
12/12/2002 14:30	14.43	57.97	27.12	103.77	8.99	1.64	-1.35	3.68	
12/12/2002 15:00	14.41	57.94	27.23	104.27	9.03	1.71	-1.36	4.08	
12/12/2002 15:30	14.41	57.93	27.28	104.87	9.08	1.86	-1.16	4.28	
12/12/2002 16:00	14.37	57.87	27.66	104.17	9.01	2.18	-1.57	3.87	
12/12/2002 16:30	14.37	57.87	28.39	104.46	8.99	2.45	-1.47	3.47	
12/12/2002 17:00	14.37	57.87	29.43	106.86	9.14	2.63	-1.58	3.46	
12/12/2002 17:30	14.34	57.81	29.64	105.96	9.06	2.78	-1.58	3.56	
12/12/2002 18:00	14.32	57.78	29.75	105.86	9.05	3.01	-0.99	3.75	
12/12/2002 18:30	14.29	57.73	29.98	105.25	8.99	3.10	-1.29	3.35	
12/12/2002 19:00	14.26	57.66	30.22	105.75	9.02	3.19	-1.09	3.55	
12/12/2002 19:30	14.25	57.65	30.17	107.75	9.20	3.29	-1.60	3.14	
12/12/2002 20:00	14.19	57.55	30.33	104.65	8.93	3.40	-1.40	3.34	
12/12/2002 20:30	14.16	57.48	30.15	104.35	8.92	3.38	-1.21	3.13	
12/12/2002 21:00	14.13	57.43	29.87	103.94	8.91	3.27	-1.11	3.43	
12/12/2002 21:30	14.11	57.40	29.87	102.94	8.82	3.24	-0.82	3.33	
12/12/2002 22:00	14.09	57.37	30.10	101.84	8.72	3.50	-0.92	3.32	
12/12/2002 22:30	14.11	57.40	30.20	100.84	8.62	3.61	-0.73	3.82	
12/12/2002 23:00	14.12	57.41	30.36	101.93	8.71	3.80	-1.13	3.21	
12/12/2002 23:30	14.11	57.39	30.27	101.73	8.70	3.58	-0.74	3.71	
12/13/2002 0:00	14.08	57.34	29.80	100.63	8.63	3.15	0.86	4.30	
12/13/2002 0:30	14.04	57.27	29.48	100.43	8.64	2.80	-0.15	4.10	
12/13/2002 1:00	14.04	57.27	28.82	100.02	8.64	2.50	2.35	3.80	
12/13/2002 1:30	14.09	57.37	28.67	99.82	8.62	2.31	1.24	4.29	
12/13/2002 2:00	14.14	57.45	28.71	99.82	8.61	2.21	2.94	3.59	
12/13/2002 2:30	14.16	57.49	28.69	99.22	8.56	2.31	1.03	4.08	
12/13/2002 3:00	14.14	57.45	28.79	99.22	8.55	2.58	6.43	4.78	
12/13/2002 3:30	14.19	57.54	29.32	99.31	8.52	3.07	12.81	5.97	
12/13/2002 4:00	14.23	57.61	29.28	99.41	8.53	3.44	17.61	6.57	
12/13/2002 4:30	14.26	57.66	29.13	99.71	8.56	3.85	17.70	6.87	
12/13/2002 5:00	14.31	57.76	29.15	101.11	8.67	3.83	16.20	6.16	
12/13/2002 5:30	14.34	57.82	29.50	101.00	8.63	3.98	16.99	5.96	
12/13/2002 6:00	14.38	57.89	30.45	101.00	8.57	4.30	12.49	5.25	
12/13/2002 6:30	14.41	57.93	30.83	100.30	8.49	4.90	11.59	5.25	
12/13/2002 7:00	14.41	57.94	31.15	99.50	8.40	5.08	10.88	4.64	
12/13/2002 7:30	14.41	57.94	31.12	98.59	8.32	5.18	10.18	3.94	
12/13/2002 8:00	14.41	57.94	31.22	97.99	8.26	5.26	7.48	3.84	
12/13/2002 8:30	14.42	57.95	31.30	97.79	8.24	5.10	11.47	3.63	
12/13/2002 9:00	14.43	57.98	31.34	97.39	8.20	5.26	6.67	3.73	
12/13/2002 9:30	14.45	58.01	31.31	96.99	8.16	5.33	12.16	4.12	
12/13/2002 10:00	14.46	58.02	31.05	96.68	8.15	5.16	9.76	4.12	
12/13/2002 10:30	14.50	58.10	30.85	97.58	8.23	4.86	6.95	4.01	
12/13/2002 11:00	14.54	58.18	30.36	97.88	8.27	4.63	5.45	3.81	
12/13/2002 11:30	14.67	58.41	29.97	98.68	8.34	4.32	6.55	3.81	

DateTime (mm/dd/year hr:min)	Temp (C)	Temp (F)	Salinity (ppt)	Dissolved Oxygen (%)	Dissolved Oxygen (mg/l)	Depth (ft)	Turbidity (NTU)	Chlorophyll (ug/l)	NOTES
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12/13/2002 12:00	14.80	58.64	29.90	99.47	8.39	4.07	6.64	3.90	
12/13/2002 12:30	14.92	58.85	30.09	100.27	8.43	3.80	7.54	4.60	
12/13/2002 13:00	15.06	59.11	29.87	101.17	8.49	3.72	11.73	5.09	
12/13/2002 13:30	15.16	59.28	29.61	101.07	8.48	3.80	11.62	4.99	
12/13/2002 14:00	15.25	59.45	30.12	102.36	8.55	3.73	9.22	4.39	
12/13/2002 14:30	15.37	59.66	30.00	102.76	8.57	3.61	10.01	4.28	
12/13/2002 15:00	15.48	59.86	29.66	102.96	8.58	3.33	10.01	5.08	
12/13/2002 15:30	15.58	60.05	29.11	102.86	8.58	3.16	7.31	5.67	
12/13/2002 16:00	15.62	60.12	28.83	102.26	8.54	3.11	9.20	5.17	
12/13/2002 16:30	15.67	60.20	29.18	102.65	8.55	3.19	12.59	5.46	
12/13/2002 17:00	15.67	60.20	29.88	102.85	8.53	3.48	11.59	5.56	
12/13/2002 17:30	15.58	60.04	30.29	102.15	8.46	3.72	8.49	4.76	
12/13/2002 18:00	15.52	59.93	30.44	101.95	8.44	3.90	9.18	4.95	
12/13/2002 18:30	15.44	59.80	30.50	101.64	8.43	4.19	7.98	4.75	
12/13/2002 19:00	15.37	59.66	30.58	101.04	8.38	4.40	10.17	4.34	
12/13/2002 19:30	15.34	59.62	30.54	100.64	8.35	4.59	10.27	4.04	
12/13/2002 20:00	15.32	59.57	30.68	100.34	8.33	4.61	8.76	3.73	
12/13/2002 20:30	15.30	59.54	30.82	100.73	8.36	4.59	9.86	4.53	
12/13/2002 21:00	15.29	59.53	30.87	100.43	8.33	4.53	10.05	4.83	
12/13/2002 21:30	15.28	59.50	30.69	100.43	8.34	4.52	14.84	5.22	
12/13/2002 22:00	15.22	59.39	30.29	99.93	8.33	4.51	15.34	5.42	
12/13/2002 22:30	15.19	59.35	30.11	99.23	8.28	4.50	12.54	5.81	
12/13/2002 23:00	15.19	59.35	30.45	99.52	8.29	4.45	10.33	5.11	
12/13/2002 23:30	15.17	59.31	30.18	99.32	8.29	4.24	10.43	5.50	
12/14/2002 0:00	15.16	59.29	29.88	98.02	8.20	3.90	13.62	5.80	
12/14/2002 0:30	15.16	59.29	29.70	96.62	8.08	3.56	22.61	8.10	
12/14/2002 1:00	15.14	59.26	29.71	95.71	8.01	3.33	29.29	8.19	
12/14/2002 1:30	15.12	59.21	29.65	94.91	7.95	3.05	32.08	9.09	
12/14/2002 2:00	15.09	59.17	29.50	95.11	7.98	2.78	27.29	8.58	
12/14/2002 2:30	15.07	59.13	29.70	95.31	7.99	2.56	31.88	8.48	
12/14/2002 3:00	14.99	58.98	29.44	94.90	7.98	2.31	35.37	9.57	
12/14/2002 3:30	14.87	58.77	28.38	94.60	8.04	2.07	41.95	9.97	
12/14/2002 4:00	14.74	58.53	28.14	94.50	8.07	1.96	58.33	12.97	
12/14/2002 4:30	14.54	58.17	27.06	94.70	8.18	1.78	46.44	12.26	
12/14/2002 5:00	14.38	57.89	26.58	94.40	8.21	1.71	52.33	13.86	
12/14/2002 5:30	14.19	57.55	26.30	94.59	8.28	1.70	55.82	14.05	
12/14/2002 6:00	14.01	57.22	26.10	94.99	8.36	1.67	68.20	13.85	
12/14/2002 6:30	13.84	56.92	26.40	95.09	8.38	1.70	61.90	13.75	
12/14/2002 7:00	13.68	56.63	26.79	94.89	8.37	1.76	71.08	15.34	
12/14/2002 7:30	13.51	56.32	26.95	95.38	8.44	1.84	75.67	16.24	
12/14/2002 8:00	13.36	56.04	27.31	95.68	8.48	1.92	91.95	18.13	
12/14/2002 8:30	13.25	55.85	27.76	95.88	8.49	2.13	95.04	18.63	
12/14/2002 9:00	13.19	55.75	28.03	95.28	8.43	2.35	115.81	20.32	
12/14/2002 9:30	13.14	55.66	28.85	94.87	8.36	2.56	117.00	18.12	
12/14/2002 10:00	13.11	55.60	29.84	94.87	8.31	2.73	124.58	15.72	
12/14/2002 10:30	13.12	55.61	30.03	94.97	8.31	2.85	147.05	19.91	
12/14/2002 11:00	13.13	55.64	29.48	94.97	8.33	2.93	118.08	16.71	
12/14/2002 11:30	13.26	55.86	28.90	95.37	8.38	2.95	94.01	16.20	
12/14/2002 12:00	13.29	55.92	29.10	95.56	8.38	2.96	102.39	15.90	
12/14/2002 12:30	13.26	55.86	29.32	96.06	8.41	2.93	49.56	12.39	
12/14/2002 13:00	13.25	55.85	29.39	95.96	8.40	2.81	98.09	15.19	
12/14/2002 13:30	13.17	55.71	29.22	95.86	8.42	2.72	81.50	13.19	
12/14/2002 14:00	13.11	55.59	29.01	95.15	8.38	2.66	66.92	15.18	
12/14/2002 14:30	13.03	55.46	28.94	94.95	8.38	2.58	100.87	18.58	
12/14/2002 15:00	12.97	55.35	28.75	95.15	8.42	2.52	87.58	16.17	

DateTime (mm/dd/year hr:min)	Temp (C)	Temp (F)	Salinity (ppt)	Dissolved Oxygen (%)	Dissolved Oxygen (mg/l)	Depth (ft)	Turbidity (NTU)	Chlorophyll (ug/l)	NOTES
12/14/2002 15:30	12.93	55.27	28.61	95.25	8.44	2.47	116.43	19.87	
12/14/2002 16:00	12.91	55.24	28.53	95.24	8.45	2.46	117.63	20.36	
12/14/2002 16:30	12.89	55.20	28.79	95.34	8.45	2.49	95.75	20.16	
12/14/2002 17:00	12.88	55.19	28.89	95.34	8.44	2.55	70.78	15.76	
12/14/2002 17:30	12.84	55.11	28.92	94.94	8.42	2.59	114.12	12.65	
12/14/2002 18:00	12.81	55.05	28.97	95.14	8.44	2.65	78.16	14.85	
12/14/2002 18:30	12.81	55.05	29.08	95.53	8.47	2.77	69.37	16.24	
12/14/2002 19:00	12.79	55.02	29.23	95.33	8.44	2.94	37.91	10.74	
12/14/2002 19:30	12.76	54.97	29.55	95.23	8.42	3.13	25.82	8.73	
12/14/2002 20:00	12.69	54.85	29.88	94.53	8.35	3.25	15.13	6.23	
12/14/2002 20:30	12.67	54.80	29.98	94.42	8.34	3.37	11.03	6.13	
12/14/2002 21:00	12.62	54.72	30.12	94.62	8.36	3.44	13.92	6.02	
12/14/2002 21:30	12.57	54.63	30.14	94.92	8.40	3.50	11.42	6.12	
12/14/2002 22:00	12.54	54.58	30.14	94.92	8.40	3.50	9.12	5.61	
12/14/2002 22:30	12.52	54.54	30.23	95.11	8.42	3.40	6.92	5.41	
12/14/2002 23:00	12.42	54.35	30.35	94.81	8.40	3.29	5.91	5.71	
12/14/2002 23:30	12.32	54.18	30.18	94.11	8.37	3.18	9.20	5.10	
12/15/2002 0:00	12.22	54.00	30.45	94.41	8.40	3.06	10.00	5.00	
12/15/2002 0:30	12.15	53.87	30.20	93.91	8.38	2.94	10.49	5.79	
12/15/2002 1:00	11.99	53.59	29.96	92.90	8.34	2.75	10.69	5.09	
12/15/2002 1:30	11.85	53.33	29.65	92.10	8.31	2.55	13.48	5.08	
12/15/2002 2:00	11.59	52.87	29.41	90.80	8.26	2.38	8.68	5.88	
12/15/2002 2:30	11.51	52.72	29.16	89.70	8.19	2.19	7.78	5.18	
12/15/2002 3:00	11.39	52.51	28.91	88.89	8.16	2.01	3.38	5.07	
12/15/2002 3:30	11.26	52.26	28.26	87.99	8.14	1.80	6.17	4.67	
12/15/2002 4:00	11.09	51.97	28.27	87.39	8.12	1.64	3.47	5.66	
12/15/2002 4:30	11.02	51.83	28.22	86.39	8.05	1.49	3.47	5.66	
12/15/2002 5:00	10.88	51.59	28.12	85.68	8.02	1.36	3.16	5.65	
12/15/2002 5:30	10.76	51.36	28.08	85.28	8.01	1.29	2.76	6.45	
12/15/2002 6:00	10.63	51.13	27.87	85.38	8.05	1.30	4.05	5.95	
12/15/2002 6:30	10.46	50.83	27.62	85.18	8.08	1.31	2.75	5.34	
12/15/2002 7:00	10.41	50.73	27.48	85.37	8.12	1.44	1.95	6.14	
12/15/2002 7:30	10.39	50.70	27.50	85.17	8.10	1.58	2.54	5.83	
12/15/2002 8:00	10.41	50.74	27.81	85.37	8.10	1.79	1.74	4.63	
12/15/2002 8:30	10.41	50.73	28.35	86.17	8.14	2.03	1.23	3.92	
12/15/2002 9:00	10.50	50.90	29.24	87.27	8.17	2.28	2.83	3.92	
12/15/2002 9:30	10.67	51.21	29.67	89.56	8.31	2.56	2.92	3.82	
12/15/2002 10:00	10.87	51.57	30.25	93.66	8.60	2.86	2.82	2.91	
12/15/2002 10:30	11.03	51.86	30.63	95.36	8.70	3.15	2.61	2.81	
12/15/2002 11:00	11.18	52.13	30.93	96.96	8.79	3.37	1.21	2.10	
12/15/2002 11:30	11.29	52.32	31.54	97.85	8.82	3.49	3.60	3.20	
12/15/2002 12:00	11.36	52.45	31.35	98.55	8.87	3.49	0.60	1.39	
12/15/2002 12:30	11.41	52.53	31.31	98.35	8.85	3.45	0.30	1.69	
12/15/2002 13:00	11.47	52.64	31.31	99.75	8.96	3.36	1.09	2.69	
12/15/2002 13:30	11.53	52.76	30.99	100.34	9.02	3.20	2.58	2.88	
12/15/2002 14:00	11.61	52.90	30.79	101.14	9.08	3.05	3.08	3.08	
12/15/2002 14:30	11.63	52.93	30.65	101.54	9.12	2.92	3.57	2.97	
12/15/2002 15:00	11.63	52.93	30.57	102.14	9.18	2.89	3.17	2.87	
12/15/2002 15:30	11.66	52.98	30.51	102.44	9.20	2.81	2.37	2.67	
12/15/2002 16:00	11.68	53.03	30.43	102.93	9.25	2.88	2.66	2.26	
12/15/2002 16:30	11.69	53.04	30.33	103.03	9.26	2.89	2.56	2.36	
12/15/2002 17:00	11.67	53.01	30.16	102.93	9.26	2.98	1.75	2.45	
12/15/2002 17:30	11.64	52.95	30.15	102.63	9.24	2.98	2.55	2.85	
12/15/2002 18:00	11.61	52.89	30.08	102.32	9.23	3.03	1.74	2.94	
12/15/2002 18:30	11.57	52.82	30.10	102.42	9.24	3.17	3.04	2.34	

DateTime (mm/dd/year hr:min)	Temp (C)	Temp (F)	Salinity (ppt)	Dissolved Oxygen (%)	Dissolved Oxygen (mg/l)	Depth (ft)	Turbidity (NTU)	Chlorophyll (ug/l)	NOTES
12/15/2002 19:00	11.54	52.77	30.21	101.72	9.18	3.31	2.83	2.74	
12/15/2002 19:30	11.50	52.70	30.42	101.22	9.13	3.42	0.43	2.13	
12/15/2002 20:00	11.48	52.66	30.61	101.21	9.13	3.56	0.83	2.33	
12/15/2002 20:30	11.46	52.62	30.82	102.01	9.19	3.75	0.72	1.72	
12/15/2002 21:00	11.46	52.62	30.92	101.51	9.14	3.94	1.02	1.92	
12/15/2002 21:30	11.47	52.65	31.00	101.71	9.15	4.09	0.81	2.01	
12/15/2002 22:00	11.39	52.50	31.17	102.21	9.20	4.22	0.21	2.01	
12/15/2002 22:30	11.29	52.32	31.20	100.90	9.10	4.28	0.20	2.11	
12/15/2002 23:00	11.32	52.38	31.21	100.30	9.04	4.26	0.30	2.20	
12/15/2002 23:30	11.36	52.44	31.09	99.40	8.96	4.11	0.39	2.20	
12/16/2002 0:00	11.43	52.58	31.07	98.30	8.85	3.94	-0.01	2.39	
12/16/2002 0:30	11.45	52.61	30.99	98.69	8.89	3.75	0.68	2.39	
12/16/2002 1:00	11.52	52.73	31.16	99.19	8.91	3.52	0.18	2.08	
12/16/2002 1:30	11.08	51.94	30.85	99.29	9.02	3.26	2.07	2.98	
12/16/2002 2:00	11.08	51.95	30.37	99.29	9.04	2.99	0.67	3.18	
12/16/2002 2:30	10.61	51.09	29.10	99.28	9.20	2.70	1.07	3.87	
12/16/2002 3:00	10.25	50.45	26.76	100.18	9.48	2.44	1.36	3.87	
12/16/2002 3:30	10.31	50.55	27.05	100.38	9.47	2.18	1.26	3.96	
12/16/2002 4:00	10.38	50.68	27.18	100.98	9.50	1.91	0.45	3.76	
12/16/2002 4:30	10.61	51.09	27.86	98.98	9.25	1.69	0.35	3.66	
12/16/2002 5:00	10.62	51.11	28.09	97.57	9.11	1.52	0.84	3.75	
12/16/2002 5:30	10.78	51.40	28.53	96.37	8.95	1.38	-0.06	3.25	
12/16/2002 6:00	10.77	51.38	28.63	95.37	8.86	1.32	0.23	4.04	
12/16/2002 6:30	10.71	51.28	28.60	94.57	8.80	1.34	-0.47	4.14	
12/16/2002 7:00	10.52	50.94	28.53	93.96	8.79	1.50	-0.07	3.43	
12/16/2002 7:30	10.35	50.63	28.39	94.36	8.86	1.67	-0.98	3.33	
12/16/2002 8:00	10.18	50.33	28.21	94.26	8.89	1.89	-0.78	3.93	
12/16/2002 8:30	10.35	50.63	28.77	95.56	8.94	2.19	-0.89	3.52	
12/16/2002 9:00	10.46	50.82	29.05	96.35	8.98	2.48	-1.09	2.22	
12/16/2002 9:30	10.78	51.41	29.90	97.15	8.94	2.80	-0.80	1.81	
12/16/2002 10:00	10.66	51.18	29.47	100.15	9.25	3.11	0.40	2.21	
12/16/2002 10:30	10.73	51.31	29.31	101.25	9.34	3.45	-0.71	2.30	
12/16/2002 11:00	10.84	51.52	29.79	101.95	9.35	3.74	-0.71	1.80	
12/16/2002 11:30	11.05	51.89	30.41	102.44	9.32	3.95	-0.81	1.20	
12/16/2002 12:00	11.18	52.13	30.20	103.74	9.42	4.01	-0.22	1.99	
12/16/2002 12:30	11.13	52.03	29.96	104.44	9.51	3.98	-0.42	2.49	
12/16/2002 13:00	11.22	52.20	29.65	103.74	9.45	3.89	-0.63	2.28	
12/16/2002 13:30	11.37	52.47	29.66	107.93	9.79	3.68	-0.43	1.58	
12/16/2002 14:00	11.51	52.72	29.49	108.13	9.79	3.47	-0.74	1.47	
12/16/2002 14:30	11.51	52.71	29.57	109.53	9.91	3.39	-0.24	1.87	
12/16/2002 15:00	11.56	52.80	29.73	110.03	9.93	3.16	-0.55	2.27	
12/16/2002 15:30	11.77	53.19	29.55	109.82	9.88	2.93	-0.35	2.86	
12/16/2002 16:00	11.87	53.37	29.59	110.32	9.90	2.79	0.54	2.46	
12/16/2002 16:30	11.91	53.43	29.64	110.92	9.95	2.73	-0.76	2.35	
12/16/2002 17:00	11.79	53.23	29.77	112.32	10.08	2.76	-1.17	2.75	
12/16/2002 17:30	11.82	53.28	29.78	113.02	10.14	2.74	-1.07	3.14	
12/16/2002 18:00	11.94	53.50	29.74	114.61	10.26	2.84	-1.27	2.64	
12/16/2002 18:30	11.96	53.53	29.75	114.91	10.28	2.98	-1.68	2.74	
12/16/2002 19:00	11.99	53.58	29.81	112.21	10.04	3.06	-1.58	2.53	
12/16/2002 19:30	11.96	53.52	29.91	109.81	9.83	3.15	-1.29	2.43	
12/16/2002 20:00	12.03	53.65	30.19	111.90	9.98	3.33	-1.59	2.22	
12/16/2002 20:30	12.01	53.62	30.45	112.00	9.98	3.51	-1.40	2.42	
12/16/2002 21:00	11.94	53.49	30.70	111.60	9.94	3.72	-1.60	2.32	
12/16/2002 21:30	11.89	53.41	31.03	111.50	9.92	4.01	-1.71	2.01	
12/16/2002 22:00	11.66	52.98	31.28	106.79	9.54	4.27	-1.61	2.01	

DateTime (mm/dd/year hr:min)	Temp (C)	Temp (F)	Salinity (ppt)	Dissolved Oxygen (%)	Dissolved Oxygen (mg/l)	Depth (ft)	Turbidity (NTU)	Chlorophyll (ug/l)	NOTES
12/16/2002 22:30	11.77	53.19	31.40	107.69	9.59	4.49	-1.22	1.70	
12/16/2002 23:00	11.79	53.22	31.59	106.49	9.47	4.62	-1.42	1.80	
12/16/2002 23:30	11.71	53.07	31.45	106.79	9.52	4.58	-1.13	1.69	
12/17/2002 0:00	11.66	52.99	31.47	106.89	9.54	4.46	-1.63	1.89	
12/17/2002 0:30	11.71	53.08	31.43	106.38	9.49	4.26	-1.23	1.79	
12/17/2002 1:00	11.68	53.02	31.25	105.38	9.42	3.99	-1.64	1.68	
12/17/2002 1:30	11.57	52.82	30.71	104.08	9.35	3.70	-1.14	1.88	
12/17/2002 2:00	11.44	52.60	30.20	104.28	9.42	3.38	-1.05	1.97	
12/17/2002 2:30	11.44	52.60	30.15	103.67	9.37	3.02	-1.75	2.57	
12/17/2002 3:00	11.52	52.74	29.92	103.77	9.38	2.74	-1.46	2.26	
12/17/2002 3:30	11.57	52.82	29.60	104.67	9.47	2.48	-1.36	2.56	
12/17/2002 4:00	11.47	52.64	29.46	104.87	9.51	2.20	-1.67	2.46	
12/17/2002 4:30	11.52	52.73	29.17	104.16	9.46	1.94	-1.77	2.35	
12/17/2002 5:00	11.50	52.70	28.61	105.56	9.61	1.71	-1.78	2.65	
12/17/2002 5:30	11.44	52.60	28.06	105.66	9.66	1.47	-1.58	3.24	
12/17/2002 6:00	11.33	52.40	27.45	104.46	9.61	1.28	-1.39	2.84	
12/17/2002 6:30	11.27	52.28	27.19	103.66	9.57	1.15	-1.79	3.03	
12/17/2002 7:00	11.24	52.23	27.13	101.45	9.39	1.13	-1.39	3.63	
12/17/2002 7:30	11.20	52.16	27.16	102.15	9.45	1.24	-2.00	3.23	
12/17/2002 8:00	11.14	52.06	27.14	103.05	9.54	1.46	-1.80	2.62	
12/17/2002 8:30	11.19	52.15	27.40	103.85	9.59	1.81	-2.01	2.92	
12/17/2002 9:00	11.26	52.27	28.44	105.84	9.69	2.24	-0.02	3.01	
12/17/2002 9:30	11.31	52.36	29.27	105.14	9.57	2.68	-0.42	2.71	
12/17/2002 10:00	11.42	52.55	29.80	106.44	9.64	3.07	-1.72	1.90	
12/17/2002 10:30	11.43	52.58	30.26	105.54	9.53	3.43	-2.03	1.90	
12/17/2002 11:00	11.52	52.73	30.63	105.73	9.51	3.82	-1.93	1.30	
12/17/2002 11:30	11.69	53.05	30.97	107.13	9.58	4.17	-1.64	1.79	
12/17/2002 12:00	11.88	53.38	30.97	108.23	9.64	4.37	-1.94	1.59	
12/17/2002 12:30	11.86	53.35	30.84	108.83	9.71	4.40	-1.84	1.98	
12/17/2002 13:00	11.93	53.48	30.83	106.33	9.47	4.31	-0.95	1.68	
12/17/2002 13:30	12.02	53.63	31.00	104.92	9.33	4.22	-1.75	1.58	
12/17/2002 14:00	12.16	53.88	31.19	107.12	9.48	4.17	-2.06	1.77	
12/17/2002 14:30	12.33	54.20	31.16	108.12	9.54	3.92	-1.86	1.57	
12/17/2002 15:00	12.47	54.45	30.80	110.02	9.70	3.71	-1.57	1.36	
12/17/2002 15:30	12.45	54.41	30.24	108.91	9.64	3.50	-1.57	2.06	
12/17/2002 16:00	12.57	54.62	29.76	111.51	9.87	3.35	-1.18	2.35	
12/17/2002 16:30	12.52	54.54	30.13	111.31	9.84	3.22	-1.88	2.35	
12/17/2002 17:00	12.56	54.61	29.56	111.01	9.84	3.17	-2.29	1.95	
12/17/2002 17:30	12.56	54.60	30.40	112.00	9.88	3.15	-2.19	2.74	
12/17/2002 18:00	12.51	54.52	30.66	111.40	9.82	3.09	-2.39	2.34	
12/17/2002 18:30	12.52	54.53	30.59	111.10	9.80	3.21	-2.10	1.73	
12/17/2002 19:00	12.52	54.54	30.70	108.90	9.60	3.20	-2.30	2.03	
12/17/2002 19:30	12.59	54.66	30.75	109.90	9.67	3.38	-2.21	2.22	
12/17/2002 20:00	12.63	54.73	30.72	110.49	9.72	3.72	-2.41	2.02	
12/17/2002 20:30	12.66	54.79	30.72	109.19	9.59	4.04	-2.12	2.52	
12/17/2002 21:00	12.66	54.78	30.81	108.79	9.56	4.30	-2.32	2.41	
12/17/2002 21:30	12.69	54.84	30.98	109.49	9.60	4.63	-2.23	2.21	
12/17/2002 22:00	12.64	54.75	30.95	108.98	9.57	4.91	-2.23	2.40	
12/17/2002 22:30	12.68	54.83	31.13	108.38	9.50	5.09	-2.34	2.10	
12/17/2002 23:00	12.09	53.76	29.09	104.58	9.39	5.29	-1.74	2.69	
12/17/2002 23:30	11.89	53.40	29.27	108.48	9.76	5.28	-1.75	2.99	
12/18/2002 0:00	12.13	53.83	30.26	108.47	9.66	5.25	-1.35	2.29	
12/18/2002 0:30	12.31	54.16	30.54	105.17	9.32	5.08	-2.15	2.58	
12/18/2002 1:00	12.56	54.60	30.98	106.77	9.39	4.81	-2.56	2.28	
12/18/2002 1:30	12.29	54.12	30.38	106.37	9.44	4.49	-2.06	2.07	

DateTime (mm/dd/year hr:min)	Temp (C)	Temp (F)	Salinity (ppt)	Dissolved Oxygen (%)	Dissolved Oxygen (mg/l)	Depth (ft)	Turbidity (NTU)	Chlorophyll (ug/l)	NOTES
12/18/2002 2:00	12.16	53.88	29.94	107.46	9.58	4.13	-1.87	3.07	
12/18/2002 2:30	12.09	53.76	29.82	107.36	9.59	3.77	-2.07	2.36	
12/18/2002 3:00	11.99	53.59	29.50	107.76	9.66	3.36	-1.78	2.36	
12/18/2002 3:30	12.04	53.67	29.63	107.46	9.62	3.00	-1.98	2.46	
12/18/2002 4:00	11.99	53.58	29.47	106.86	9.59	2.63	-1.69	3.25	
12/18/2002 4:30	11.91	53.44	29.08	106.55	9.60	2.29	-1.49	2.85	
12/18/2002 5:00	11.89	53.41	28.90	105.75	9.54	1.97	-1.80	2.84	
12/18/2002 5:30	11.89	53.40	28.18	107.35	9.72	1.71	-0.70	3.04	
12/18/2002 6:00	11.83	53.30	27.38	106.75	9.72	1.47	-1.31	3.94	
12/18/2002 6:30	11.83	53.29	27.12	106.04	9.68	1.28	-0.71	4.63	
12/18/2002 7:00	11.83	53.30	26.88	104.74	9.58	1.12	-0.22	4.43	
12/18/2002 7:30	11.80	53.24	26.76	103.74	9.50	1.01	1.07	4.22	
12/18/2002 8:00	11.79	53.22	26.62	103.54	9.49	1.08	1.37	4.02	
12/18/2002 8:30	11.82	53.27	26.69	103.73	9.50	1.28	0.26	4.01	
12/18/2002 9:00	11.87	53.37	26.81	104.63	9.56	1.57	-0.14	3.31	
12/18/2002 9:30	11.90	53.42	27.17	106.73	9.72	2.00	-0.84	3.11	
12/18/2002 10:00	11.98	53.57	28.32	107.93	9.75	2.48	-1.44	2.80	
12/18/2002 10:30	12.11	53.79	28.91	108.43	9.73	2.97	-1.65	2.70	
12/18/2002 11:00	12.31	54.16	29.68	108.02	9.62	3.43	-1.15	2.29	
12/18/2002 11:30	12.47	54.44	29.56	109.22	9.70	3.83	-1.96	2.49	
12/18/2002 12:00	12.66	54.78	29.83	108.82	9.61	4.18	-1.66	2.88	
12/18/2002 12:30	12.80	55.04	29.88	109.22	9.62	4.49	-1.27	2.28	
12/18/2002 13:00	12.80	55.04	29.81	110.41	9.73	4.59	-1.77	2.48	
12/18/2002 13:30	12.87	55.16	29.67	112.41	9.90	4.56	1.22	2.67	
12/18/2002 14:00	13.05	55.49	29.97	111.61	9.78	4.46	-1.28	2.27	
12/18/2002 14:30	13.23	55.82	30.15	112.01	9.77	4.36	-1.59	2.16	
12/18/2002 15:00	13.28	55.90	30.19	112.30	9.78	4.15	-1.09	2.16	
12/18/2002 15:30	13.81	56.85	30.12	111.80	9.64	3.89	-1.99	2.55	
12/18/2002 16:00	13.56	56.41	29.65	111.60	9.70	3.68	-1.80	2.05	
12/18/2002 16:30	13.51	56.32	29.54	112.20	9.76	3.47	-1.41	2.65	
12/18/2002 17:00	13.57	56.43	29.16	112.40	9.79	3.31	-1.51	2.94	
12/18/2002 17:30	13.43	56.18	29.20	111.29	9.72	3.23	-2.61	2.84	
12/18/2002 18:00	13.42	56.15	29.79	109.69	9.55	3.11	-2.12	2.73	
12/18/2002 18:30	13.43	56.18	29.94	108.29	9.42	3.07	-2.22	3.13	
12/18/2002 19:00	13.42	56.16	29.89	108.39	9.43	3.11	-1.13	2.42	
12/18/2002 19:30	13.43	56.18	29.80	108.48	9.44	3.22	-2.33	3.12	
12/18/2002 20:00	13.51	56.32	29.79	108.28	9.41	3.43	-2.24	2.62	
12/18/2002 20:30	13.61	56.50	29.78	106.98	9.28	3.64	-2.84	2.71	
12/18/2002 21:00	13.73	56.72	29.81	108.48	9.38	3.90	-2.14	2.71	
12/18/2002 21:30	13.83	56.89	29.88	107.37	9.26	4.18	-2.45	2.40	
12/18/2002 22:00	13.87	56.97	30.08	109.37	9.42	4.47	-2.35	2.60	
12/18/2002 22:30	13.78	56.80	30.10	110.07	9.50	4.75	-2.26	2.50	
12/18/2002 23:00	13.76	56.76	29.97	109.27	9.44	4.96	-1.96	2.39	
12/18/2002 23:30	13.77	56.79	29.86	108.97	9.42	5.09	-1.67	2.69	
12/19/2002 0:00	13.76	56.77	29.90	107.56	9.29	5.15	-0.98	2.38	
12/19/2002 0:30	13.67	56.61	30.03	108.16	9.35	5.14	-1.78	2.58	
12/19/2002 1:00	13.66	56.58	29.81	107.06	9.27	5.01	-1.78	2.77	
12/19/2002 1:30	13.59	56.46	29.79	106.36	9.23	4.79	-2.09	3.27	
12/19/2002 2:00	13.52	56.34	29.70	106.45	9.25	4.50	-2.09	2.77	
12/19/2002 2:30	13.52	56.33	29.54	105.85	9.21	4.14	-2.10	3.06	
12/19/2002 3:00	13.55	56.39	29.02	105.15	9.17	3.78	-2.30	2.86	
12/19/2002 3:30	13.53	56.36	28.98	104.95	9.16	3.42	-2.01	3.25	
12/19/2002 4:00	13.49	56.29	29.03	104.94	9.16	3.04	-1.71	3.25	
12/19/2002 4:30	13.47	56.25	28.82	104.84	9.17	2.68	-1.62	2.64	
12/19/2002 5:00	13.43	56.17	28.36	104.44	9.17	2.33	-0.42	3.74	

DateTime (mm/dd/year hr:min)	Temp (C)	Temp (F)	Salinity (ppt)	Dissolved Oxygen (%)	Dissolved Oxygen (mg/l)	Depth (ft)	Turbidity (NTU)	Chlorophyll (ug/l)	NOTES
12/19/2002 5:30	13.42	56.16	27.91	103.94	9.15	2.00	-1.53	3.84	
12/19/2002 6:00	13.41	56.13	27.73	102.74	9.06	1.73	-0.63	4.03	
12/19/2002 6:30	13.36	56.05	27.68	100.83	8.90	1.50	-0.24	3.93	
12/19/2002 7:00	13.35	56.03	27.38	100.13	8.86	1.29	-1.34	4.32	
12/19/2002 7:30	13.33	55.99	27.17	99.23	8.80	1.14	-1.34	3.72	
12/19/2002 8:00	13.37	56.07	26.91	98.33	8.73	1.19	-2.05	3.71	
12/19/2002 8:30	13.38	56.08	26.99	99.62	8.83	1.41	-1.95	3.51	
12/19/2002 9:00	13.41	56.13	27.31	100.42	8.88	1.74	-1.76	3.21	
12/19/2002 9:30	13.47	56.25	27.73	102.32	9.01	2.13	-2.06	3.30	
12/19/2002 10:00	13.59	56.46	27.88	102.72	9.01	2.55	-2.27	2.80	
12/19/2002 10:30	13.70	56.66	28.31	104.21	9.10	2.97	-2.37	2.69	
12/19/2002 11:00	13.87	56.96	29.03	106.51	9.23	3.45	-1.98	2.49	
12/19/2002 11:30	14.02	57.24	29.06	108.51	9.37	3.94	-1.18	2.79	
12/19/2002 12:00	14.19	57.55	29.03	111.21	9.58	4.31	-1.69	2.78	
12/19/2002 12:30	14.33	57.79	28.91	111.41	9.58	4.57	-1.09	2.58	
12/19/2002 13:00	14.41	57.94	29.06	110.30	9.46	4.77	-1.79	3.07	
12/19/2002 13:30	14.50	58.10	28.97	110.60	9.47	4.86	-1.20	3.27	
12/19/2002 14:00	14.66	58.38	29.17	109.70	9.35	4.87	-1.80	2.66	
12/19/2002 14:30	14.74	58.53	29.08	110.50	9.41	4.79	-0.61	2.76	
12/19/2002 15:00	14.87	58.76	28.99	110.09	9.36	4.61	-1.31	2.76	
12/19/2002 15:30	14.94	58.90	28.92	110.99	9.43	4.38	-2.02	3.45	
12/19/2002 16:00	15.04	59.07	28.98	111.19	9.42	4.16	-0.83	3.15	
12/19/2002 16:30	15.07	59.13	28.92	111.29	9.43	3.98	0.37	2.94	
12/19/2002 17:00	15.03	59.06	28.89	112.18	9.51	3.91	-0.73	3.34	
12/19/2002 17:30	15.04	59.07	28.92	112.58	9.55	3.82	0.16	3.73	
12/19/2002 18:00	15.04	59.07	28.97	111.68	9.47	3.74	-0.25	4.13	
12/19/2002 18:30	15.03	59.06	28.99	110.88	9.39	3.70	-0.35	3.83	
12/19/2002 19:00	15.03	59.05	28.98	109.68	9.29	3.76	1.54	4.12	
12/19/2002 19:30	15.02	59.04	28.93	109.37	9.27	3.93	0.34	3.82	
12/19/2002 20:00	15.03	59.06	28.84	108.17	9.17	4.10	0.33	3.11	
12/19/2002 20:30	15.01	59.01	28.77	107.97	9.16	4.24	-1.27	4.31	
12/19/2002 21:00	15.02	59.03	28.73	108.07	9.17	4.44	0.32	4.60	
12/19/2002 21:30	15.01	59.01	28.59	107.76	9.15	4.69	0.62	3.40	
12/19/2002 22:00	15.01	59.01	28.54	108.16	9.19	5.00	0.32	4.00	
12/19/2002 22:30	14.98	58.96	28.68	107.76	9.15	5.33	2.01	4.59	
12/19/2002 23:00	14.98	58.96	28.84	108.16	9.18	5.67	0.70	4.19	
12/19/2002 23:30	14.97	58.94	29.00	105.65	8.95	5.96	-0.60	3.78	
12/20/2002 0:00	14.99	58.99	29.27	106.45	9.00	6.18	0.10	3.78	
12/20/2002 0:30	15.04	59.08	29.50	106.25	8.96	6.31	0.89	3.47	
12/20/2002 1:00	15.05	59.09	29.37	105.55	8.90	6.24	1.28	3.97	
12/20/2002 1:30	15.09	59.16	29.25	105.05	8.86	6.15	3.87	3.57	
12/20/2002 2:00	15.09	59.17	28.96	105.14	8.88	5.96	6.66	4.46	
12/20/2002 2:30	15.12	59.21	28.90	103.04	8.70	5.71	9.15	5.06	
12/20/2002 3:00	15.16	59.28	28.92	103.34	8.72	5.31	8.04	5.15	
12/20/2002 3:30	15.17	59.31	28.86	102.74	8.66	4.92	14.52	5.05	
12/20/2002 4:00	15.23	59.41	28.83	103.13	8.69	4.61	18.90	6.55	
12/20/2002 4:30	15.24	59.44	28.57	102.13	8.61	4.29	18.40	6.14	
12/20/2002 5:00	15.23	59.42	28.30	100.73	8.51	3.95	26.87	6.24	
12/20/2002 5:30	15.26	59.46	28.20	98.73	8.34	3.56	11.31	6.63	
12/20/2002 6:00	15.26	59.47	28.23	97.72	8.25	3.03	9.41	6.33	
12/20/2002 6:30	15.19	59.35	28.29	97.72	8.25	2.58	10.20	6.12	
12/20/2002 7:00	15.23	59.42	28.41	99.32	8.38	2.20	8.21	5.82	
12/20/2002 7:30	15.28	59.50	28.06	97.62	8.24	1.86	6.21	4.62	
12/20/2002 8:00	15.32	59.57	27.42	95.72	8.10	1.60	7.90	5.11	
12/20/2002 8:30	15.31	59.56	27.15	94.91	8.05	1.38	10.78	5.41	

DateTime (mm/dd/year hr:min)	Temp (C)	Temp (F)	Salinity (ppt)	Dissolved Oxygen (%)	Dissolved Oxygen (mg/l)	Depth (ft)	Turbidity (NTU)	Chlorophyll (ug/l)	NOTES
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12/20/2002 9:00	15.36	59.65	26.98	94.21	7.99	1.23	16.16	5.50	
12/20/2002 9:30	15.45	59.81	26.73	93.61	7.93	1.21	11.77	4.70	
12/20/2002 10:00	15.57	60.03	26.53	95.11	8.05	1.34	11.07	4.99	
12/20/2002 10:30	15.70	60.26	26.50	96.20	8.13	1.64	10.47	4.19	
12/20/2002 11:00	15.76	60.36	27.04	99.40	8.37	2.00	6.27	4.69	
12/20/2002 11:30	15.80	60.44	27.63	102.00	8.55	2.39	9.06	3.78	
12/20/2002 12:00	15.88	60.59	27.93	104.50	8.74	2.74	4.07	4.48	
12/20/2002 12:30	15.98	60.77	28.12	104.09	8.67	3.11	4.17	4.37	
12/20/2002 13:00	16.03	60.85	28.48	105.59	8.78	3.49	6.16	4.67	
12/20/2002 13:30	16.09	60.97	28.45	105.69	8.77	3.83	10.74	5.16	
12/20/2002 14:00	16.17	61.10	28.46	106.49	8.83	4.05	9.14	5.56	
12/20/2002 14:30	16.25	61.25	28.58	105.89	8.75	4.11	9.73	5.56	
12/20/2002 15:00	16.24	61.24	28.80	105.28	8.69	4.18	12.22	5.95	
12/20/2002 15:30	16.21	61.18	28.81	104.68	8.64	4.19	11.32	5.75	
12/20/2002 16:00	16.18	61.13	28.88	104.98	8.67	4.14	9.72	5.74	
12/20/2002 16:30	16.19	61.14	28.91	105.08	8.68	4.00	12.80	6.54	
12/20/2002 17:00	16.14	61.06	29.12	104.77	8.65	3.85	8.71	5.13	
12/20/2002 17:30	16.13	61.03	28.89	105.57	8.73	3.61	9.10	4.83	
12/20/2002 18:00	16.10	60.98	28.80	103.27	8.54	3.39	9.30	6.13	
12/20/2002 18:30	16.07	60.92	28.59	102.17	8.46	3.24	9.89	6.62	
12/20/2002 19:00	15.97	60.75	28.63	101.16	8.39	3.15	12.98	6.62	
12/20/2002 19:30	15.92	60.65	28.66	102.16	8.49	3.06	12.17	5.81	
12/20/2002 20:00	15.87	60.56	28.66	100.96	8.39	2.94	6.79	6.01	
12/20/2002 20:30	15.79	60.43	28.67	98.76	8.21	2.84	7.28	5.31	
12/20/2002 21:00	15.71	60.27	28.82	99.36	8.27	2.82	9.47	4.40	
12/20/2002 21:30	15.63	60.13	28.88	96.95	8.07	2.93	1.49	4.30	
12/20/2002 22:00	15.54	59.98	28.95	96.85	8.08	3.10	-0.01	3.99	
12/20/2002 22:30	15.46	59.83	29.04	97.95	8.18	3.27	1.28	2.39	
12/20/2002 23:00	15.49	59.88	28.97	98.75	8.25	3.49	1.08	2.68	
12/20/2002 23:30	15.51	59.91	28.84	98.94	8.27	3.72	-0.02	3.48	
12/21/2002 0:00	15.48	59.87	28.80	98.24	8.22	3.90	-0.92	3.38	
12/21/2002 0:30	15.38	59.69	28.87	98.44	8.25	4.05	0.07	3.47	
12/21/2002 1:00	15.31	59.55	28.95	96.44	8.08	4.18	-0.03	3.27	
12/21/2002 1:30	15.24	59.43	29.01	95.33	8.00	4.18	0.26	2.76	
12/21/2002 2:00	15.14	59.25	29.08	93.73	7.87	4.09	-0.54	2.36	
12/21/2002 2:30	15.19	59.34	28.96	92.23	7.74	3.97	-0.95	2.65	
12/21/2002 3:00	15.04	59.07	28.57	93.73	7.92	3.79	-1.45	2.85	
12/21/2002 3:30	14.94	58.90	28.48	92.82	7.86	3.54	-0.86	3.25	
12/21/2002 4:00	14.84	58.72	28.54	93.12	7.90	3.28	-1.76	2.84	
12/21/2002 4:30	14.68	58.43	28.67	93.12	7.93	3.00	-0.86	2.14	
12/21/2002 5:00	14.52	58.13	28.83	92.92	7.93	2.72	-1.27	3.13	
12/21/2002 5:30	14.29	57.72	28.71	88.52	7.60	2.44	-1.57	2.83	
12/21/2002 6:00	14.19	57.54	28.19	86.71	7.49	2.15	-1.58	3.32	
12/21/2002 6:30	14.07	57.33	27.62	83.61	7.27	1.86	-1.38	3.32	
12/21/2002 7:00	14.06	57.31	26.90	80.01	7.00	1.61	-1.88	3.32	
12/21/2002 7:30	14.01	57.21	26.55	78.01	6.85	1.38	-1.89	3.21	
12/21/2002 8:00	13.88	56.99	26.15	78.00	6.90	1.19	-1.89	2.91	
12/21/2002 8:30	13.72	56.70	25.80	79.10	7.04	1.02	-2.00	3.10	
12/21/2002 9:00	13.60	56.48	25.49	80.50	7.20	0.86	-1.11	2.80	
12/21/2002 9:30	13.63	56.53	25.27	80.40	7.20	0.74	-2.01	2.49	
12/21/2002 10:00	13.80	56.84	25.17	79.39	7.09	0.64	-1.11	3.09	
12/21/2002 10:30	14.01	57.22	25.11	76.89	6.83	0.67	-2.12	2.49	
12/21/2002 11:00	14.22	57.59	25.16	86.19	7.60	0.84	-0.92	1.98	
12/21/2002 11:30	14.51	58.11	25.20	88.39	7.74	1.10	-2.13	2.58	
12/21/2002 12:00	14.67	58.40	25.49	89.09	7.75	1.47	-2.83	2.17	

DateTime (mm/dd/year hr:min)	Temp (C)	Temp (F)	Salinity (ppt)	Dissolved Oxygen (%)	Dissolved Oxygen (mg/l)	Depth (ft)	Turbidity (NTU)	Chlorophyll (ug/l)	NOTES
12/21/2002 12:30	14.79	58.62	26.27	92.68	8.00	1.88	-3.03	2.17	
12/21/2002 13:00	14.88	58.79	27.00	99.78	8.56	2.31	1.85	1.77	
12/21/2002 13:30	15.10	59.18	28.32	103.78	8.80	2.70	-2.54	2.16	
12/21/2002 14:00	15.04	59.08	28.63	106.38	9.02	3.08	-1.95	2.16	
12/21/2002 14:30	15.03	59.06	28.62	105.27	8.93	3.43	-1.26	2.65	
12/21/2002 15:00	15.21	59.37	28.67	109.47	9.26	3.68	-0.26	6.25	
12/21/2002 15:30	15.23	59.42	28.71	110.97	9.38	3.81	1.42	2.84	
12/21/2002 16:00	15.35	59.63	28.72	115.47	9.75	3.88	-0.47	2.24	
12/21/2002 16:30	15.41	59.74	28.72	117.16	9.89	3.85	-1.47	2.34	
12/21/2002 17:00	15.22	59.39	28.73	112.96	9.56	3.68	-1.78	2.63	
12/21/2002 17:30	15.04	59.07	28.71	109.16	9.26	3.44	-1.38	2.83	
12/21/2002 18:00	14.92	58.85	28.67	105.36	8.95	3.19	-1.59	3.52	
12/21/2002 18:30	14.89	58.81	28.65	103.46	8.79	3.02	-1.69	3.12	
12/21/2002 19:00	14.94	58.89	28.62	104.65	8.89	2.91	-2.29	3.21	
12/21/2002 19:30	14.95	58.91	28.60	104.05	8.84	2.84	-1.80	3.11	
12/21/2002 20:00	14.93	58.87	28.59	101.25	8.60	2.85	-2.20	3.31	
12/21/2002 20:30	14.84	58.71	28.61	102.75	8.74	2.95	-2.61	3.00	
12/21/2002 21:00	14.77	58.58	28.63	102.54	8.74	3.11	-2.91	2.70	
12/21/2002 21:30	14.60	58.28	28.78	102.44	8.75	3.29	-2.72	3.19	
12/21/2002 22:00	14.58	58.24	29.00	103.24	8.81	3.53	-2.32	2.59	
12/21/2002 22:30	14.54	58.17	29.19	104.84	8.95	3.77	-2.63	2.58	
12/21/2002 23:00	14.51	58.11	29.26	105.23	8.99	4.06	-2.93	2.58	
12/21/2002 23:30	14.53	58.15	29.90	104.73	8.90	4.36	-2.44	1.88	
12/22/2002 0:00	14.52	58.13	30.03	105.13	8.93	4.57	-2.04	2.07	
12/22/2002 0:30	14.38	57.89	30.02	105.43	8.98	4.74	-2.44	1.97	
12/22/2002 1:00	14.37	57.86	30.08	105.43	8.98	5.04	-2.35	2.46	
12/22/2002 1:30	14.39	57.91	29.90	106.12	9.05	5.32	-2.75	1.56	
12/22/2002 2:00	14.26	57.66	30.08	106.32	9.08	5.43	-2.46	2.25	
12/22/2002 2:30	14.16	57.48	30.04	105.42	9.02	5.37	-2.66	2.05	
12/22/2002 3:00	14.12	57.41	29.88	104.32	8.94	5.22	-2.37	2.15	
12/22/2002 3:30	14.07	57.32	29.76	103.51	8.89	4.96	-2.37	2.24	
12/22/2002 4:00	14.06	57.31	29.51	104.41	8.98	4.61	-2.48	2.14	
12/22/2002 4:30	14.08	57.35	29.44	104.71	9.01	4.23	-2.68	2.03	
12/22/2002 5:00	14.08	57.34	29.28	105.61	9.10	3.86	-2.69	2.53	
12/22/2002 5:30	14.01	57.22	29.06	105.80	9.14	3.51	-2.99	2.13	
12/22/2002 6:00	13.93	57.07	28.96	105.80	9.16	3.14	-2.79	1.72	
12/22/2002 6:30	13.73	56.72	28.80	105.40	9.17	2.76	-2.30	2.02	
12/22/2002 7:00	13.57	56.43	28.79	106.60	9.31	2.42	-2.11	2.11	
12/22/2002 7:30	13.49	56.28	28.54	100.10	8.77	2.12	-2.41	29.61	
12/22/2002 8:00	13.47	56.25	28.23	97.99	8.60	1.84	-2.71	2.70	
12/22/2002 8:30	13.37	56.06	27.72	97.29	8.59	1.61	-2.52	2.10	
12/22/2002 9:00	13.26	55.87	27.30	97.19	8.63	1.42	-1.33	2.80	
12/22/2002 9:30	13.26	55.87	26.87	96.69	8.61	1.26	-2.23	1.79	
12/22/2002 10:00	13.34	56.02	26.51	97.58	8.69	1.15	1.65	3.19	
12/22/2002 10:30	13.47	56.25	26.22	99.08	8.81	1.21	-2.44	1.88	
12/22/2002 11:00	13.77	56.78	26.48	101.68	8.97	1.42	-1.94	2.68	
12/22/2002 11:30	13.99	57.19	26.90	105.18	9.21	1.75	-1.95	1.87	
12/22/2002 12:00	14.28	57.70	27.63	109.07	9.46	2.15	-1.75	1.57	
12/22/2002 12:30	14.46	58.03	28.34	111.97	9.63	2.56	-2.56	1.77	
12/22/2002 13:00	14.57	58.22	28.73	115.57	9.91	2.94	-1.66	2.66	
12/22/2002 13:30	14.74	58.53	28.97	116.57	9.95	3.29	-2.66	10.16	
12/22/2002 14:00	14.82	58.68	29.14	116.87	9.95	3.65	-2.27	1.65	
12/22/2002 14:30	14.71	58.48	29.37	114.46	9.75	3.98	-2.77	1.55	
12/22/2002 15:00	14.84	58.72	29.33	115.66	9.83	4.23	-2.78	1.44	
12/22/2002 15:30	15.04	59.08	29.24	117.66	9.97	4.36	-2.88	1.94	

DateTime (mm/dd/year hr:min)	Temp (C)	Temp (F)	Salinity (ppt)	Dissolved Oxygen (%)	Dissolved Oxygen (mg/l)	Depth (ft)	Turbidity (NTU)	Chlorophyll (ug/l)	NOTES
12/22/2002 16:00	15.02	59.03	29.07	118.26	10.04	4.36	-2.69	1.94	
12/22/2002 16:30	15.17	59.31	29.33	127.85	10.83	4.27	-2.29	1.93	
12/22/2002 17:00	14.98	58.97	29.37	118.55	10.05	4.14	-2.40	2.13	
12/22/2002 17:30	14.97	58.95	29.31	118.25	10.03	3.94	-3.40	2.02	
12/22/2002 18:00	14.86	58.75	29.18	115.45	9.82	3.69	-2.91	2.52	
12/22/2002 18:30	14.84	58.71	29.03	113.84	9.69	3.46	-2.91	2.72	
12/22/2002 19:00	14.84	58.71	28.79	113.04	9.63	3.25	-3.11	3.01	
12/22/2002 19:30	14.63	58.34	27.66	111.14	9.57	3.10	-2.22	3.51	
12/22/2002 20:00	14.79	58.62	27.46	111.44	9.58	2.95	-2.33	3.10	
12/22/2002 20:30	14.80	58.64	27.14	110.84	9.54	2.81	1.06	2.80	
12/22/2002 21:00	14.89	58.81	28.35	110.73	9.44	2.80	-2.63	2.59	
12/22/2002 21:30	14.87	58.77	28.54	108.03	9.20	2.83	-3.44	2.29	
12/22/2002 22:00	14.83	58.69	28.62	108.63	9.26	2.95	-2.64	2.29	
12/22/2002 22:30	14.69	58.44	28.50	109.23	9.34	3.17	-2.85	2.28	
12/22/2002 23:00	14.65	58.37	28.44	108.62	9.30	3.42	-2.95	2.48	
12/22/2002 23:30	14.68	58.42	28.64	109.22	9.34	3.71	-2.86	2.77	
12/23/2002 0:00	14.66	58.39	28.95	110.92	9.47	4.02	-2.96	1.97	
12/23/2002 0:30	14.65	58.37	29.17	113.72	9.70	4.27	-3.56	1.76	
12/23/2002 1:00	14.65	58.37	29.31	115.11	9.82	4.52	-3.77	2.16	
12/23/2002 1:30	14.59	58.26	29.52	113.61	9.69	4.78	-3.27	1.66	
12/23/2002 2:00	14.51	58.12	29.53	109.11	9.31	4.97	-3.18	4.25	
12/23/2002 2:30	14.49	58.08	29.42	107.11	9.14	5.03	-2.98	1.05	
12/23/2002 3:00	14.47	58.04	29.37	106.01	9.05	5.00	-3.39	1.74	
12/23/2002 3:30	14.44	57.99	29.27	103.40	8.84	4.92	-3.29	1.74	
12/23/2002 4:00	14.41	57.94	29.09	103.10	8.83	4.71	-3.40	1.83	
12/23/2002 4:30	14.33	57.79	28.85	103.30	8.87	4.43	-3.00	1.63	
12/23/2002 5:00	14.27	57.68	28.57	104.30	8.99	4.09	-3.41	2.33	
12/23/2002 5:30	14.27	57.68	28.32	104.79	9.04	3.74	-3.31	2.42	
12/23/2002 6:00	14.12	57.42	27.83	103.59	8.99	3.38	-3.41	2.12	
12/23/2002 6:30	14.11	57.40	27.67	101.99	8.86	3.05	-3.42	2.71	
12/23/2002 7:00	13.99	57.19	27.42	100.59	8.78	2.72	-3.82	3.21	
12/23/2002 7:30	13.97	57.15	27.24	100.48	8.78	2.39	-3.13	2.40	
12/23/2002 8:00	13.98	57.17	27.08	97.18	8.50	2.09	-3.73	2.50	
12/23/2002 8:30	13.89	57.01	26.46	99.08	8.72	1.81	-3.24	3.30	
12/23/2002 9:00	13.85	56.93	25.57	98.98	8.77	1.56	-2.65	3.69	
12/23/2002 9:30	14.04	57.28	25.42	98.08	8.66	1.35	-2.85	3.79	
12/23/2002 10:00	14.31	57.75	25.32	99.27	8.72	1.17	-3.05	3.88	
12/23/2002 10:30	14.59	58.27	25.13	102.07	8.92	1.03	-2.16	3.08	
12/23/2002 11:00	14.91	58.83	24.72	105.27	9.17	1.03	-2.86	2.28	
12/23/2002 11:30	15.11	59.20	24.74	106.57	9.24	1.24	-2.97	2.77	
12/23/2002 12:00	15.11	59.20	24.74	106.56	9.24	1.24	-2.97	2.77	
12/23/2002 12:30	15.33	59.60	25.46	114.56	9.86	1.89	-2.08	3.06	
12/23/2002 13:00	15.49	59.88	26.12	116.66	9.98	2.28	262.97	2.96	
12/23/2002 13:30	15.62	60.11	27.07	118.36	10.05	2.69	-3.48	6.65	
12/23/2002 14:00	15.64	60.15	27.62	118.65	10.04	3.14	-3.09	2.35	
12/23/2002 14:30	15.73	60.32	28.00	121.15	10.22	3.53	-3.59	3.55	
12/23/2002 15:00	15.64	60.15	28.24	119.75	10.10	3.95	-3.60	1.34	
12/23/2002 15:30	15.71	60.28	28.23	119.75	10.09	4.26	-3.70	1.84	
12/23/2002 16:00	16.12	61.02	28.07	126.05	10.57	4.52	-3.81	1.63	
12/23/2002 16:30	16.56	61.80	28.25	141.24	11.81	4.59	-3.71	1.93	
12/23/2002 17:00	16.18	61.13	28.25	132.74	11.13	4.55	-3.42	2.32	
12/23/2002 17:30	15.96	60.72	28.33	127.74	10.73	4.40	-3.82	2.22	
12/23/2002 18:00	15.83	60.50	28.29	123.04	10.35	4.26	-3.63	2.02	
12/23/2002 18:30	15.84	60.52	28.23	122.23	10.28	4.08	59.00	2.41	
12/23/2002 19:00	15.79	60.43	28.14	120.53	10.14	3.78	-3.83	2.51	

DateTime (mm/dd/year hr:min)	Temp (C)	Temp (F)	Salinity (ppt)	Dissolved Oxygen (%)	Dissolved Oxygen (mg/l)	Depth (ft)	Turbidity (NTU)	Chlorophyll (ug/l)	NOTES
12/23/2002 19:30	15.80	60.44	27.84	120.53	10.16	3.59	-3.94	2.40	
12/23/2002 20:00	15.82	60.47	27.70	120.93	10.20	3.43	-3.64	2.80	
12/23/2002 20:30	15.82	60.48	27.68	119.82	10.10	3.21	-3.75	2.39	
12/23/2002 21:00	15.78	60.40	27.70	119.92	10.12	3.15	-3.85	2.49	
12/23/2002 21:30	15.76	60.37	27.50	118.72	10.03	3.15	-3.46	2.39	
12/23/2002 22:00	15.76	60.37	27.79	120.42	10.16	3.23	-3.76	1.48	
12/23/2002 22:30	15.70	60.26	27.88	119.42	10.08	3.46	-3.87	2.18	
12/23/2002 23:00	15.63	60.13	27.76	117.31	9.91	3.53	-3.47	2.27	
12/23/2002 23:30	15.57	60.03	27.68	115.31	9.75	3.71	-3.18	2.87	
12/24/2002 0:00	15.52	59.93	27.73	114.31	9.67	3.97	-3.38	1.96	
12/24/2002 0:30	15.33	59.60	27.96	109.71	9.29	4.29	-2.79	2.16	
12/24/2002 1:00	15.26	59.46	27.70	109.50	9.31	4.61	-2.10	2.66	
12/24/2002 1:30	15.27	59.49	27.37	110.60	9.42	4.88	-2.30	2.85	
12/24/2002 2:00	15.27	59.49	27.23	110.70	9.43	5.06	-1.61	2.05	
12/24/2002 2:30	15.25	59.45	27.39	108.20	9.21	5.32	-0.02	2.94	
12/24/2002 3:00	15.21	59.37	27.22	108.39	9.24	5.53	-1.52	2.94	
12/24/2002 3:30	15.07	59.12	27.11	105.99	9.07	5.53	-1.22	58.84	
12/24/2002 4:00	15.03	59.05	27.35	102.59	8.76	5.41	-1.53	2.43	
12/24/2002 4:30	15.04	59.07	27.48	101.99	8.70	5.35	-1.53	2.53	
12/24/2002 5:00	15.04	59.08	27.47	101.58	8.67	5.17	-0.34	2.12	
12/24/2002 5:30	15.12	59.22	27.15	101.58	8.67	4.91	1.84	2.52	
12/24/2002 6:00	15.13	59.23	26.60	102.08	8.74	4.63	-0.45	3.01	
12/24/2002 6:30	15.11	59.19	26.53	102.48	8.79	4.39	2.53	3.21	
12/24/2002 7:00	15.20	59.36	26.49	102.48	8.77	4.14	2.63	3.91	
12/24/2002 7:30	15.26	59.47	26.39	101.97	8.72	3.88	0.93	3.20	
12/24/2002 8:00	15.34	59.62	26.40	102.17	8.72	3.59	1.22	2.80	
12/24/2002 8:30	15.45	59.81	26.60	103.17	8.78	3.26	1.42	2.79	
12/24/2002 9:00	15.63	60.13	26.63	102.77	8.71	2.96	0.91	6.59	
12/24/2002 9:30	15.66	60.18	26.45	102.76	8.71	2.76	0.11	6.18	
12/24/2002 10:00	15.69	60.25	26.29	102.76	8.71	2.66	0.81	3.28	
12/24/2002 10:30	15.77	60.38	26.04	102.36	8.68	2.63	2.79	3.68	
12/24/2002 11:00	15.82	60.48	26.00	101.16	8.57	2.58	4.08	4.37	
12/24/2002 11:30	15.77	60.39	25.84	100.35	8.51	2.63	6.66	4.37	
12/24/2002 12:00	15.79	60.43	25.61	100.05	8.50	2.78	8.05	4.46	
12/24/2002 12:30	15.79	60.42	25.77	99.75	8.46	2.94	6.46	3.86	
12/24/2002 13:00	15.77	60.38	25.97	99.75	8.45	3.30	8.04	4.75	
12/24/2002 13:30	15.78	60.41	25.74	100.45	8.52	3.70	12.32	4.45	
12/24/2002 14:00	15.79	60.42	25.60	99.54	8.45	3.84	9.33	4.45	
12/24/2002 14:30	15.82	60.48	25.39	99.44	8.45	4.19	3.15	4.24	
12/24/2002 15:00	15.85	60.53	25.30	99.24	8.43	4.58	5.54	3.74	
12/24/2002 15:30	15.91	60.64	25.70	98.34	8.32	4.76	1.25	3.43	
12/24/2002 16:00	15.93	60.67	25.75	98.63	8.34	5.10	0.45	3.23	
12/24/2002 16:30	15.98	60.76	25.26	98.43	8.34	4.90	0.84	3.72	
12/24/2002 17:00	15.97	60.75	25.40	97.63	8.26	4.85	0.34	3.12	
12/24/2002 17:30	16.01	60.82	25.41	98.03	8.29	4.92	1.53	3.62	
12/24/2002 18:00	16.05	60.89	25.25	97.22	8.22	4.86	0.23	3.71	
12/24/2002 18:30	16.08	60.95	25.10	97.62	8.26	4.82	-0.67	3.51	
12/24/2002 19:00	16.05	60.89	25.17	97.22	8.23	4.87	1.32	3.60	
12/24/2002 19:30	16.07	60.93	24.97	98.12	8.31	4.45	0.02	3.80	
12/24/2002 20:00	16.08	60.95	24.88	97.92	8.30	4.14	0.81	4.80	
12/24/2002 20:30	16.09	60.96	24.87	97.31	8.24	4.11	2.50	4.19	
12/24/2002 21:00	16.11	60.99	24.87	97.21	8.23	4.03	2.00	4.29	
12/24/2002 21:30	16.12	61.02	24.81	96.81	8.20	3.89	3.98	4.18	
12/24/2002 22:00	16.15	61.07	24.76	96.71	8.18	3.79	5.67	4.18	
12/24/2002 22:30	16.16	61.08	24.74	96.20	8.14	3.87	4.27	4.47	

DateTime (mm/dd/year hr:min)	Temp (C)	Temp (F)	Salinity (ppt)	Dissolved Oxygen (%)	Dissolved Oxygen (mg/l)	Depth (ft)	Turbidity (NTU)	Chlorophyll (ug/l)	NOTES
12/24/2002 23:00	16.16	61.08	24.75	95.40	8.07	3.89	2.18	4.17	
12/24/2002 23:30	16.17	61.10	24.76	94.90	8.02	3.94	2.97	3.97	
12/25/2002 0:00	16.17	61.10	24.77	94.80	8.01	4.03	3.36	14.16	
12/25/2002 0:30	16.16	61.08	24.85	94.99	8.03	4.30	2.36	3.86	
12/25/2002 1:00	16.16	61.08	24.90	94.49	7.98	4.55	0.67	5.05	
12/25/2002 1:30	16.17	61.11	24.91	94.89	8.01	4.67	4.64	3.95	
12/25/2002 2:00	16.17	61.10	24.93	95.69	8.08	4.83	7.42	4.34	
12/25/2002 2:30	16.16	61.08	25.02	95.99	8.11	5.11	9.71	4.64	
12/25/2002 3:00	16.11	61.00	25.22	95.68	8.08	5.47	12.39	4.64	
12/25/2002 3:30	16.02	60.83	25.47	95.28	8.05	5.76	18.06	5.53	
12/25/2002 4:00	15.92	60.65	25.60	95.48	8.07	5.89	16.36	5.03	
12/25/2002 4:30	15.84	60.52	25.71	95.38	8.07	5.83	17.85	4.92	
12/25/2002 5:00	15.77	60.38	25.97	95.57	8.09	5.65	17.25	4.82	
12/25/2002 5:30	15.66	60.19	26.20	95.17	8.06	5.26	22.92	4.71	
12/25/2002 6:00	15.58	60.04	26.41	93.97	7.96	4.94	35.35	5.61	
12/25/2002 6:30	15.51	59.91	26.38	92.97	7.89	4.63	34.95	7.91	
12/25/2002 7:00	15.38	59.69	26.47	93.56	7.96	4.38	48.87	8.70	
12/25/2002 7:30	15.31	59.55	26.52	93.76	7.99	4.03	38.72	9.00	
12/25/2002 8:00	15.30	59.54	26.60	93.96	8.00	3.65	67.67	11.19	
12/25/2002 8:30	15.26	59.47	26.57	93.36	7.96	3.22	60.80	11.89	
12/25/2002 9:00	15.22	59.39	26.48	92.66	7.91	2.86	64.38	12.88	
12/25/2002 9:30	15.14	59.26	26.40	91.95	7.87	2.55	49.75	11.28	
12/25/2002 10:00	15.09	59.17	26.46	92.35	7.91	2.21	47.05	11.48	
12/25/2002 10:30	15.07	59.13	26.09	92.65	7.96	1.91	62.27	11.27	
12/25/2002 11:00	15.03	59.05	26.15	93.45	8.03	1.66	59.28	10.67	
12/25/2002 11:30	15.04	59.08	26.37	94.44	8.10	1.44	66.44	10.56	
12/25/2002 12:00	15.03	59.06	26.29	96.04	8.25	1.25	50.32	8.46	
12/25/2002 12:30	15.10	59.18	25.94	97.54	8.39	1.13	51.31	8.36	
12/25/2002 13:00	15.19	59.35	25.65	98.14	8.44	1.05	62.94	10.25	
12/25/2002 13:30	15.29	59.53	25.20	97.73	8.41	1.07	61.75	10.05	
12/25/2002 14:00	15.40	59.72	24.95	97.93	8.42	1.18	60.25	11.34	
12/25/2002 14:30	15.49	59.89	24.46	97.63	8.40	1.40	76.56	14.04	
12/25/2002 15:00	15.48	59.86	24.36	97.63	8.41	1.67	58.25	13.03	
12/25/2002 15:30	15.44	59.80	24.86	97.53	8.38	1.96	56.85	9.63	
12/25/2002 16:00	15.37	59.67	25.63	96.72	8.28	2.26	45.90	10.33	
12/25/2002 16:30	15.30	59.54	25.69	96.62	8.28	2.56	78.23	11.22	
12/25/2002 17:00	15.17	59.31	25.86	96.72	8.31	2.85	44.79	10.92	
12/25/2002 17:30	15.05	59.09	26.16	96.22	8.27	3.17	59.71	11.61	
12/25/2002 18:00	14.94	58.89	26.72	95.81	8.22	3.40	66.58	11.71	
12/25/2002 18:30	14.77	58.58	27.82	95.71	8.18	3.51	69.26	9.90	
12/25/2002 19:00	14.65	58.37	27.97	94.51	8.09	3.54	52.64	7.50	
12/25/2002 19:30	14.59	58.26	27.93	92.71	7.95	3.42	22.88	27.10	
12/25/2002 20:00	14.49	58.08	27.78	93.60	8.05	3.20	11.33	33.39	
12/25/2002 20:30	14.41	57.93	27.21	93.50	8.09	2.93	20.38	5.29	
12/25/2002 21:00	14.29	57.73	26.88	93.00	8.09	2.68	33.01	7.18	
12/25/2002 21:30	14.15	57.47	26.62	92.70	8.10	2.45	29.43	7.08	
12/25/2002 22:00	14.01	57.21	26.58	90.90	7.98	2.30	24.15	6.37	
12/25/2002 22:30	13.84	56.91	26.58	89.59	7.89	2.20	12.70	4.67	
12/25/2002 23:00	13.61	56.49	26.11	89.19	7.93	2.12	7.82	3.37	
12/25/2002 23:30	13.47	56.25	25.52	89.39	8.00	2.08	7.52	4.46	
12/26/2002 0:00	13.28	55.90	26.23	88.59	7.93	2.03	6.62	3.76	
12/26/2002 0:30	13.22	55.79	26.91	87.98	7.85	2.04	7.41	3.65	
12/26/2002 1:00	13.12	55.61	26.95	87.38	7.81	2.04	6.41	3.65	
12/26/2002 1:30	12.98	55.36	26.94	87.88	7.88	2.09	4.92	3.85	
12/26/2002 2:00	12.87	55.16	27.18	88.08	7.91	2.19	12.07	3.54	

DateTime (mm/dd/year hr:min)	Temp (C)	Temp (F)	Salinity (ppt)	Dissolved Oxygen (%)	Dissolved Oxygen (mg/l)	Depth (ft)	Turbidity (NTU)	Chlorophyll (ug/l)	NOTES
12/26/2002 2:30	12.72	54.90	28.17	89.27	7.99	2.33	13.36	3.74	
12/26/2002 3:00	12.61	54.70	28.56	88.57	7.92	2.50	14.15	3.63	
12/26/2002 3:30	12.49	54.49	28.46	88.97	7.99	2.67	15.54	3.73	
12/26/2002 4:00	12.47	54.44	28.14	89.67	8.07	2.84	15.44	3.82	
12/26/2002 4:30	12.38	54.28	27.97	90.07	8.13	2.95	11.06	4.22	
12/26/2002 5:00	12.30	54.14	27.94	91.46	8.27	3.04	8.07	2.92	
12/26/2002 5:30	12.28	54.11	27.73	92.56	8.38	3.15	4.58	2.31	
12/26/2002 6:00	12.24	54.04	27.53	92.96	8.43	3.29	2.09	9.11	
12/26/2002 6:30	12.19	53.95	27.46	91.96	8.36	3.31	2.18	6.40	
12/26/2002 7:00	12.18	53.92	27.41	90.85	8.27	3.26	5.06	9.10	
12/26/2002 7:30	12.06	53.70	27.18	92.05	8.41	3.14	2.77	7.59	
12/26/2002 8:00	11.97	53.55	27.31	92.65	8.47	2.94	2.07	8.19	
12/26/2002 8:30	11.85	53.33	27.34	93.85	8.59	2.77	0.77	8.39	
12/26/2002 9:00	11.76	53.17	27.44	94.24	8.64	2.64	1.06	8.18	
12/26/2002 9:30	11.65	52.97	27.48	94.04	8.64	2.47	0.96	6.68	
12/26/2002 10:00	11.64	52.95	27.75	93.04	8.54	2.28	1.95	11.37	
12/26/2002 10:30	11.31	52.36	27.59	90.24	8.37	2.10	0.95	10.87	
12/26/2002 11:00	11.10	51.98	26.96	88.74	8.31	1.98	-0.25	17.36	
12/26/2002 11:30	10.98	51.77	26.19	87.93	8.30	1.81	-0.75	3.06	
12/26/2002 12:00	11.04	51.88	25.87	87.73	8.29	1.69	-1.35	2.76	
12/26/2002 12:30	11.19	52.14	25.67	88.73	8.36	1.58	-1.45	2.25	
12/26/2002 13:00	11.38	52.49	25.04	90.13	8.49	1.50	-1.56	2.15	
12/26/2002 13:30	11.48	52.66	25.46	90.32	8.46	1.55	-1.26	1.84	
12/26/2002 14:00	11.46	52.63	25.60	92.22	8.62	1.73	-1.87	1.94	
12/26/2002 14:30	11.67	53.00	26.14	95.52	8.84	2.04	-1.37	1.83	
12/26/2002 15:00	12.11	53.80	27.13	102.12	9.28	2.28	-0.78	2.23	
12/26/2002 15:30	12.06	53.71	27.41	100.01	9.09	2.56	-0.69	2.33	
12/26/2002 16:00	11.93	53.48	28.22	100.81	9.14	2.83	0.00	2.32	
12/26/2002 16:30	11.88	53.38	28.56	99.01	8.97	3.20	-1.79	6.22	
12/26/2002 17:00	11.87	53.36	28.98	98.81	8.93	3.48	-1.00	19.41	
12/26/2002 17:30	11.98	53.56	29.83	98.41	8.83	3.74	-0.61	13.41	
12/26/2002 18:00	11.95	53.51	29.89	98.00	8.80	3.97	-1.51	19.51	
12/26/2002 18:30	11.98	53.56	29.68	97.70	8.78	4.11	-1.31	16.60	
12/26/2002 19:00	12.01	53.62	29.48	97.70	8.78	4.02	-1.71	13.20	
12/26/2002 19:30	12.02	53.64	29.28	96.70	8.70	4.08	-1.52	7.19	
12/26/2002 20:00	12.02	53.64	29.58	96.69	8.69	3.93	-1.62	8.69	
12/26/2002 20:30	12.02	53.63	29.47	95.09	8.55	3.87	-2.13	11.38	
12/26/2002 21:00	11.96	53.52	29.18	96.19	8.68	3.62	-1.63	7.58	
12/26/2002 21:30	11.87	53.37	28.94	98.09	8.87	3.39	-1.64	9.88	
12/26/2002 22:00	11.55	52.79	27.92	99.08	9.08	3.18	-0.55	2.17	
12/26/2002 22:30	11.55	52.79	27.90	97.78	8.96	3.00	-1.95	1.67	
12/26/2002 23:00	11.53	52.76	28.36	97.38	8.91	2.80	-1.35	1.16	
12/26/2002 23:30	11.32	52.38	27.53	95.88	8.86	2.68	-1.95	1.56	
12/27/2002 0:00	11.17	52.11	26.76	95.88	8.93	2.52	-2.06	1.25	
12/27/2002 0:30	11.25	52.25	26.89	95.07	8.84	2.39	-1.27	1.35	
12/27/2002 1:00	11.32	52.37	27.32	94.37	8.74	2.33	-2.27	0.55	
12/27/2002 1:30	11.68	53.02	28.60	92.57	8.44	2.33	-2.37	0.54	
12/27/2002 2:00	11.53	52.75	28.72	92.27	8.44	2.36	-2.08	1.34	
12/27/2002 2:30	11.51	52.71	28.65	91.56	8.39	2.47	-2.48	1.43	
12/27/2002 3:00	11.05	51.89	28.38	93.86	8.69	2.62	-2.48	0.93	
12/27/2002 3:30	10.97	51.74	28.55	94.06	8.71	2.88	-2.49	0.72	
12/27/2002 4:00	10.81	51.45	28.51	94.26	8.76	3.11	-2.59	0.72	
12/27/2002 4:30	10.80	51.44	28.22	92.85	8.66	3.31	-2.90	1.22	
12/27/2002 5:00	10.73	51.31	28.15	93.35	8.72	3.42	-2.40	1.01	
12/27/2002 5:30	10.67	51.20	28.31	92.95	8.68	3.59	-3.00	0.81	

DateTime (mm/dd/year hr:min)	Temp (C)	Temp (F)	Salinity (ppt)	Dissolved Oxygen (%)	Dissolved Oxygen (mg/l)	Depth (ft)	Turbidity (NTU)	Chlorophyll (ug/l)	NOTES
12/27/2002 6:00	10.65	51.17	28.47	92.95	8.68	3.67	-2.71	0.60	
12/27/2002 6:30	10.56	51.01	28.55	92.64	8.66	3.71	-1.42	0.60	
12/27/2002 7:00	10.54	50.98	28.54	92.44	8.65	3.73	-2.92	0.99	
12/27/2002 7:30	10.47	50.84	28.55	92.84	8.70	3.73	-3.12	1.69	
12/27/2002 8:00	10.47	50.85	28.55	91.84	8.61	3.69	-2.93	2.39	
12/27/2002 8:30	10.44	50.79	28.51	92.34	8.66	3.63	-3.23	1.88	
12/27/2002 9:00	10.46	50.83	28.47	91.93	8.62	3.50	-3.04	-0.02	
12/27/2002 9:30	10.46	50.82	28.30	94.23	8.84	3.42	-3.44	0.77	
12/27/2002 10:00	10.75	51.35	28.41	93.03	8.67	3.23	-3.44	0.37	
12/27/2002 10:30	10.68	51.23	28.45	94.23	8.78	3.04	-3.05	0.87	
12/27/2002 11:00	10.87	51.57	28.85	95.12	8.80	2.84	-3.16	-0.04	
12/27/2002 11:30	10.91	51.63	26.97	93.92	8.80	2.70	-2.96	0.66	
12/27/2002 12:00	10.96	51.73	28.00	95.32	8.85	2.51	-3.16	0.45	
12/27/2002 12:30	11.08	51.95	27.98	96.92	8.97	2.40	-3.47	-0.05	
12/27/2002 13:00	11.26	52.27	28.72	101.81	9.32	2.31	-3.07	0.14	
12/27/2002 13:30	11.55	52.79	28.01	103.81	9.48	2.27	-2.88	1.74	
12/27/2002 14:00	11.66	52.98	28.42	108.31	9.83	2.24	-3.08	0.74	
12/27/2002 14:30	11.65	52.97	28.18	107.21	9.75	2.29	-2.19	0.83	
12/27/2002 15:00	11.71	53.08	28.58	109.61	9.93	2.45	-2.30	0.93	
12/27/2002 15:30	11.74	53.13	28.85	109.00	9.86	2.64	-2.40	0.32	
12/27/2002 16:00	11.80	53.24	28.80	108.50	9.80	2.87	-1.11	0.52	
12/27/2002 16:30	11.81	53.26	28.71	108.20	9.78	3.11	-0.42	1.11	
12/27/2002 17:00	11.80	53.24	28.84	108.20	9.77	3.33	-2.32	0.61	
12/27/2002 17:30	11.77	53.19	29.01	107.49	9.71	3.60	-2.82	0.21	
12/27/2002 18:00	11.78	53.21	29.24	106.99	9.65	3.82	-1.83	0.30	
12/27/2002 18:30	11.79	53.22	29.49	106.99	9.63	4.04	-3.22	0.80	
12/27/2002 19:00	11.82	53.28	29.52	105.89	9.53	4.17	-3.03	0.39	
12/27/2002 19:30	11.88	53.38	29.59	105.28	9.46	4.25	-2.54	-0.61	
12/27/2002 20:00	11.86	53.34	29.61	105.28	9.47	4.17	-2.64	0.38	
12/27/2002 20:30	11.79	53.22	29.54	104.48	9.41	4.15	-3.24	0.08	
12/27/2002 21:00	11.71	53.07	29.49	104.18	9.40	3.95	-3.45	0.78	
12/27/2002 21:30	11.62	52.92	29.34	103.78	9.39	3.85	-3.95	15.27	
12/27/2002 22:00	11.54	52.78	29.36	102.87	9.33	3.67	-3.75	0.77	
12/27/2002 22:30	11.52	52.73	29.39	102.57	9.30	3.47	-0.18	1.46	
12/27/2002 23:00	11.51	52.71	29.33	99.57	9.05	3.23	-3.86	0.56	
12/27/2002 23:30	11.17	52.11	28.64	104.77	9.60	3.03	-3.97	2.95	
12/28/2002 0:00	11.14	52.05	28.17	108.26	9.94	2.83	-3.87	1.45	
12/28/2002 0:30	11.11	51.99	27.91	108.36	9.97	2.64	-3.68	0.85	
12/28/2002 1:00	11.09	51.97	27.74	107.16	9.88	2.39	-3.78	0.64	
12/28/2002 1:30	11.03	51.85	27.56	107.16	9.90	2.18	-3.89	0.74	
12/28/2002 2:00	10.93	51.68	27.43	106.15	9.84	2.00	-3.79	1.33	
12/28/2002 2:30	10.88	51.58	27.29	105.75	9.82	1.83	-3.90	0.63	
12/28/2002 3:00	10.81	51.45	27.15	104.25	9.71	1.73	-4.10	0.83	
12/28/2002 3:30	10.69	51.25	27.30	102.35	9.56	1.73	-3.90	0.82	
12/28/2002 4:00	10.59	51.06	27.22	101.75	9.53	1.82	-3.81	0.52	
12/28/2002 4:30	10.42	50.75	27.04	101.94	9.59	1.99	-3.81	0.91	
12/28/2002 5:00	10.23	50.41	27.19	101.54	9.58	2.14	-4.22	1.51	
12/28/2002 5:30	10.17	50.30	27.32	100.54	9.50	2.34	-3.62	0.80	
12/28/2002 6:00	10.06	50.10	27.70	100.34	9.48	2.53	-3.43	1.40	
12/28/2002 6:30	9.93	49.87	27.86	99.43	9.41	2.74	-3.14	1.10	
12/28/2002 7:00	9.86	49.74	28.32	97.63	9.24	2.92	-4.04	0.89	
12/28/2002 7:30	9.88	49.79	28.44	96.43	9.13	3.10	-3.94	0.79	
12/28/2002 8:00	9.89	49.81	28.57	97.63	9.22	3.29	-4.14	0.48	
12/28/2002 8:30	9.92	49.86	28.87	97.82	9.22	3.36	-4.15	0.38	
12/28/2002 9:00	9.96	49.93	29.05	96.92	9.12	3.42	-1.47	2.87	

DateTime (mm/dd/year hr:min)	Temp (C)	Temp (F)	Salinity (ppt)	Dissolved Oxygen (%)	Dissolved Oxygen (mg/l)	Depth (ft)	Turbidity (NTU)	Chlorophyll (ug/l)	NOTES
12/28/2002 9:30	9.96	49.92	29.15	97.22	9.14	3.40	-4.46	0.07	
12/28/2002 10:00	10.01	50.01	29.14	97.52	9.16	3.32	-4.86	0.07	
12/28/2002 10:30	10.07	50.13	29.30	99.82	9.34	3.23	-4.76	0.26	
12/28/2002 11:00	10.07	50.13	29.30	99.81	9.34	3.23	-4.77	0.26	
12/28/2002 11:30	10.42	50.75	29.38	103.91	9.63	2.99	-5.07	-0.45	
12/28/2002 12:00	10.58	51.04	28.79	103.21	9.57	2.81	-4.58	-0.15	
12/28/2002 12:30	10.76	51.36	28.99	107.31	9.88	2.55	-4.98	-0.36	
12/28/2002 13:00	10.93	51.67	28.98	110.20	10.11	2.33	-4.59	0.14	
12/28/2002 13:30	11.18	52.13	29.03	112.80	10.28	2.22	-4.49	-0.36	
12/28/2002 14:00	11.40	52.52	28.85	113.00	10.27	2.21	-4.50	0.03	
12/28/2002 14:30	11.54	52.78	29.02	114.90	10.40	2.24	-4.01	0.43	
12/28/2002 15:00	11.68	53.03	29.08	115.49	10.42	2.28	-4.41	-0.48	
12/28/2002 15:30	11.84	53.31	29.12	116.49	10.48	2.34	-4.11	-0.38	
12/28/2002 16:00	11.96	53.53	29.14	118.19	10.60	2.47	-4.42	0.11	
12/28/2002 16:30	11.99	53.58	29.13	116.89	10.48	2.62	-4.42	1.51	
12/28/2002 17:00	11.92	53.46	29.34	114.29	10.26	2.85	-2.54	-0.29	
12/28/2002 17:30	11.92	53.46	29.83	113.68	10.18	3.09	-4.23	3.50	
12/28/2002 18:00	11.96	53.52	30.20	115.18	10.28	3.38	-4.04	-0.50	
12/28/2002 18:30	11.94	53.50	30.43	114.68	10.22	3.67	-4.64	19.19	
12/28/2002 19:00	11.92	53.46	30.59	115.28	10.27	3.95	-4.64	8.49	
12/28/2002 19:30	11.88	53.39	30.75	113.47	10.11	4.18	-5.15	4.29	
12/28/2002 20:00	11.85	53.33	30.64	113.57	10.13	4.37	-4.95	2.68	
12/28/2002 20:30	11.84	53.32	30.82	113.87	10.15	4.43	-5.06	-0.22	
12/28/2002 21:00	11.86	53.34	30.79	113.57	10.12	4.46	-5.26	-0.93	
12/28/2002 21:30	11.87	53.37	30.77	113.36	10.10	4.38	-4.97	-1.13	
12/28/2002 22:00	11.74	53.13	30.69	111.86	10.00	4.22	-4.27	-0.34	
12/28/2002 22:30	11.67	53.00	30.72	109.56	9.81	4.06	-5.07	-1.04	
12/28/2002 23:00	11.61	52.89	30.52	109.46	9.83	3.84	-4.88	-0.34	
12/28/2002 23:30	11.67	53.01	30.52	109.26	9.80	3.57	-4.88	-0.25	
12/29/2002 0:00	11.12	52.01	29.76	108.65	9.89	3.30	-4.99	-0.15	
12/29/2002 0:30	11.12	52.01	29.56	109.25	9.95	3.04	-4.89	0.24	
12/29/2002 1:00	11.26	52.26	28.64	109.45	10.00	2.73	-4.80	-0.36	
12/29/2002 1:30	11.23	52.21	27.90	108.55	9.96	2.44	-4.60	0.53	
12/29/2002 2:00	11.07	51.93	26.37	107.94	10.03	2.20	-4.11	0.93	
12/29/2002 2:30	11.44	52.60	28.29	106.94	9.76	1.95	-4.91	-0.17	
12/29/2002 3:00	11.44	52.59	28.32	105.34	9.62	1.75	-4.92	9.12	
12/29/2002 3:30	11.33	52.39	27.84	105.14	9.65	1.58	-4.52	1.02	
12/29/2002 4:00	11.22	52.20	27.48	104.33	9.62	1.45	-4.93	1.01	
12/29/2002 4:30	11.17	52.10	27.24	103.63	9.58	1.45	-5.13	0.61	
12/29/2002 5:00	11.09	51.96	27.31	104.83	9.70	1.58	-5.33	0.80	
12/29/2002 5:30	11.06	51.91	27.66	103.03	9.53	1.81	-4.94	0.40	
12/29/2002 6:00	11.04	51.88	28.26	102.13	9.42	2.08	-5.24	0.50	
12/29/2002 6:30	10.99	51.78	28.61	101.22	9.33	2.37	-5.25	-0.01	
12/29/2002 7:00	10.89	51.61	28.68	100.82	9.31	2.66	-5.15	0.09	
12/29/2002 7:30	10.85	51.53	28.93	101.42	9.35	2.96	-5.06	-0.62	
12/29/2002 8:00	10.78	51.40	29.07	101.52	9.37	3.29	-5.36	-0.02	
12/29/2002 8:30	10.79	51.42	29.47	102.21	9.41	3.62	-5.17	-0.52	
12/29/2002 9:00	10.76	51.37	29.74	103.41	9.50	3.88	-5.17	-0.23	
12/29/2002 9:30	10.81	51.46	29.92	104.31	9.56	4.10	-5.37	-1.13	
12/29/2002 10:00	10.84	51.51	30.31	105.01	9.59	4.24	-5.28	-1.04	
12/29/2002 10:30	10.97	51.75	30.42	105.90	9.64	4.29	-5.28	-0.64	
12/29/2002 11:00	11.06	51.91	30.42	106.50	9.68	4.25	-4.89	-1.15	
12/29/2002 11:30	11.04	51.88	30.06	106.10	9.66	4.13	-5.19	-0.85	
12/29/2002 12:00	11.13	52.04	30.11	108.40	9.85	3.97	-5.00	-0.65	
12/29/2002 12:30	11.42	52.56	29.86	110.00	9.95	3.77	-4.41	-1.26	

DateTime (mm/dd/year hr:min)	Temp (C)	Temp (F)	Salinity (ppt)	Dissolved Oxygen (%)	Dissolved Oxygen (mg/l)	Depth (ft)	Turbidity (NTU)	Chlorophyll (ug/l)	NOTES
12/29/2002 13:00	11.61	52.89	29.70	110.49	9.96	3.55	-4.71	-0.56	
12/29/2002 13:30	11.78	53.20	29.54	111.79	10.05	3.34	-4.91	-0.77	
12/29/2002 14:00	11.95	53.51	29.43	112.39	10.08	3.17	-4.92	-0.67	
12/29/2002 14:30	12.07	53.73	29.34	113.89	10.19	3.06	-5.32	-0.58	
12/29/2002 15:00	12.21	53.97	29.34	113.28	10.11	3.01	-5.03	-0.88	
12/29/2002 15:30	12.38	54.29	29.30	113.38	10.09	2.90	-5.43	-0.98	
12/29/2002 16:00	12.38	54.29	29.30	113.38	10.09	2.90	-5.43	-0.99	
12/29/2002 16:30	12.51	54.52	29.67	112.88	10.00	3.03	-5.04	-0.49	
12/29/2002 17:00	12.36	54.25	29.73	113.17	10.05	3.21	-5.25	-0.60	
12/29/2002 17:30	12.26	54.07	29.87	113.47	10.09	3.45	-5.35	-0.60	
12/29/2002 18:00	12.18	53.93	30.13	113.97	10.13	3.68	-5.55	-0.71	
12/29/2002 18:30	12.12	53.81	30.28	112.87	10.04	3.92	-4.96	-0.51	
12/29/2002 19:00	12.09	53.77	30.37	113.57	10.10	4.17	-5.06	-0.21	
12/29/2002 19:30	12.06	53.70	30.47	112.56	10.02	4.37	-5.17	-0.32	
12/29/2002 20:00	12.05	53.69	30.57	112.16	9.98	4.57	-5.17	-0.52	
12/29/2002 20:30	12.06	53.71	30.79	110.86	9.85	4.78	-5.28	-0.73	
12/29/2002 21:00	12.08	53.74	30.89	110.26	9.79	4.88	-5.38	-0.93	
12/29/2002 21:30	12.05	53.69	30.82	108.85	9.67	4.95	-5.29	-0.74	
12/29/2002 22:00	12.06	53.70	30.81	108.05	9.60	4.95	-5.19	-0.94	
12/29/2002 22:30	11.92	53.46	30.74	107.35	9.57	4.88	-5.10	-0.84	
12/29/2002 23:00	12.04	53.67	30.70	108.45	9.65	4.70	-5.30	-0.75	
12/29/2002 23:30	12.08	53.75	30.61	109.54	9.74	4.46	-5.31	-0.75	
12/30/2002 0:00	11.96	53.52	30.46	109.74	9.79	4.16	-5.21	-1.16	
12/30/2002 0:30	11.85	53.33	30.18	109.44	9.80	3.80	-5.41	-0.66	
12/30/2002 1:00	11.85	53.33	29.83	109.74	9.84	3.43	-5.72	0.04	
12/30/2002 1:30	11.96	53.53	29.77	107.24	9.61	3.09	-5.32	-0.57	
12/30/2002 2:00	11.59	52.86	28.74	108.03	9.81	2.75	-5.23	-0.07	
12/30/2002 2:30	11.64	52.95	28.28	108.63	9.87	2.43	-5.33	-0.68	
12/30/2002 3:00	11.68	53.02	28.12	108.13	9.83	2.15	-4.94	0.12	
12/30/2002 3:30	11.74	53.14	28.04	108.63	9.87	1.90	-5.44	0.51	
12/30/2002 4:00	11.81	53.25	27.85	108.42	9.85	1.68	-5.55	0.51	
12/30/2002 4:30	11.79	53.22	27.36	107.92	9.84	1.50	-5.65	0.71	
12/30/2002 5:00	11.72	53.10	27.05	107.72	9.85	1.37	-5.46	1.20	
12/30/2002 5:30	11.73	53.11	27.13	106.82	9.76	1.38	-5.46	0.90	
12/30/2002 6:00	11.67	53.00	27.16	107.21	9.81	1.51	-5.27	0.59	
12/30/2002 6:30	11.58	52.85	27.08	106.61	9.78	1.71	-5.57	0.59	
12/30/2002 7:00	11.59	52.87	27.36	106.41	9.74	2.02	-5.37	0.38	
12/30/2002 7:30	11.45	52.61	27.91	106.61	9.75	2.36	-5.78	0.48	
12/30/2002 8:00	11.31	52.35	28.16	104.50	9.58	2.71	-5.78	19.78	
12/30/2002 8:30	11.26	52.26	28.41	105.10	9.63	3.11	-5.59	-0.83	
12/30/2002 9:00	11.33	52.39	29.25	106.60	9.70	3.47	-5.49	0.07	
12/30/2002 9:30	11.38	52.49	29.73	107.10	9.71	3.88	-4.90	-0.54	
12/30/2002 10:00	11.40	52.52	30.02	108.00	9.77	4.28	-5.70	-0.94	
12/30/2002 10:30	11.46	52.62	29.83	108.69	9.83	4.57	-5.80	0.15	
12/30/2002 11:00	11.52	52.73	29.69	108.49	9.81	4.80	-4.52	0.55	
12/30/2002 11:30	11.62	52.91	30.20	106.59	9.59	4.92	-5.42	0.15	
12/30/2002 12:00	11.89	53.40	30.63	108.99	9.73	4.87	-5.82	-0.26	
12/30/2002 12:30	12.11	53.80	30.57	110.78	9.85	4.85	-5.92	-1.06	
12/30/2002 13:00	12.18	53.92	30.45	111.88	9.94	4.78	-5.53	-0.57	
12/30/2002 13:30	12.28	54.11	30.33	112.88	10.01	4.54	-5.73	-0.07	
12/30/2002 14:00	12.30	54.14	30.11	114.18	10.13	4.25	-5.84	-0.68	
12/30/2002 14:30	12.46	54.43	29.83	113.17	10.03	3.97	-5.84	-0.28	
12/30/2002 15:00	12.62	54.71	29.19	112.37	9.97	3.76	-5.25	0.02	
12/30/2002 15:30	12.71	54.88	28.63	113.67	10.09	3.66	-5.75	-0.39	
12/30/2002 16:00	12.59	54.67	29.64	116.47	10.30	3.56	-5.85	-0.79	

DateTime (mm/dd/year hr:min)	Temp (C)	Temp (F)	Salinity (ppt)	Dissolved Oxygen (%)	Dissolved Oxygen (mg/l)	Depth (ft)	Turbidity (NTU)	Chlorophyll (ug/l)	NOTES
12/30/2002 16:30	12.62	54.71	29.72	117.17	10.36	3.54	-5.76	-0.80	
12/30/2002 17:00	12.62	54.72	29.75	118.06	10.43	3.55	-5.96	-0.80	
12/30/2002 17:30	12.60	54.68	29.73	117.06	10.35	3.70	-6.27	-0.20	
12/30/2002 18:00	12.62	54.71	29.75	116.36	10.28	3.88	-5.77	-0.31	
12/30/2002 18:30	12.67	54.80	29.86	115.96	10.23	4.06	-5.88	-0.31	
12/30/2002 19:00	12.69	54.85	30.04	115.85	10.21	4.37	-5.88	-0.82	
12/30/2002 19:30	12.70	54.86	30.14	115.75	10.19	4.61	-6.09	35.48	
12/30/2002 20:00	12.72	54.90	30.13	115.55	10.17	4.83	-5.79	11.57	
12/30/2002 20:30	12.82	55.07	30.19	115.85	10.18	5.10	-6.00	5.47	
12/30/2002 21:00	12.95	55.31	27.29	108.54	9.68	5.35	-5.70	2.07	
12/30/2002 21:30	12.97	55.34	28.65	112.84	9.97	5.54	-5.81	0.36	
12/30/2002 22:00	12.87	55.17	30.05	113.94	10.01	5.66	-5.91	13.16	
12/30/2002 22:30	12.89	55.21	29.82	112.74	9.91	5.62	-5.82	12.55	
12/30/2002 23:00	12.84	55.12	30.24	112.44	9.87	5.56	-5.92	11.05	
12/30/2002 23:30	12.88	55.19	30.10	111.13	9.76	5.53	-5.73	9.94	
12/31/2002 0:00	12.87	55.16	30.01	111.43	9.79	5.34	-5.93	40.94	
12/31/2002 0:30	12.89	55.21	29.75	110.33	9.70	5.07	-5.64	8.54	
12/31/2002 1:00	12.96	55.32	28.58	111.13	9.83	4.71	-5.54	3.73	
12/31/2002 1:30	12.88	55.19	28.22	110.92	9.84	4.28	-5.45	5.83	
12/31/2002 2:00	12.84	55.12	27.24	110.52	9.87	3.86	-5.65	0.72	
12/31/2002 2:30	12.77	54.98	27.25	109.72	9.82	3.44	-5.55	0.72	
12/31/2002 3:00	12.71	54.87	27.69	108.42	9.69	3.05	-5.66	0.51	
12/31/2002 3:30	12.63	54.73	27.73	107.61	9.63	2.71	-5.96	0.61	
12/31/2002 4:00	12.64	54.75	27.50	108.61	9.73	2.38	-5.77	0.41	
12/31/2002 4:30	12.71	54.87	27.10	108.71	9.75	2.08	-5.87	0.30	
12/31/2002 5:00	12.74	54.93	26.68	108.01	9.70	1.80	-5.38	0.30	
12/31/2002 5:30	12.79	55.03	26.41	107.61	9.67	1.54	-5.58	1.09	
12/31/2002 6:00	12.85	55.13	26.08	107.40	9.66	1.36	-5.49	0.49	
12/31/2002 6:30	12.89	55.20	25.83	105.00	9.46	1.30	-5.69	0.88	
12/31/2002 7:00	12.87	55.17	25.80	106.10	9.56	1.49	-5.50	1.28	
12/31/2002 7:30	12.83	55.10	26.06	105.60	9.51	1.85	-5.50	1.18	
12/31/2002 8:00	12.77	54.98	26.61	106.99	9.61	2.30	-4.91	0.07	
12/31/2002 8:30	12.76	54.97	27.17	107.29	9.61	2.71	-4.12	0.37	
12/31/2002 9:00	12.78	55.01	27.55	106.89	9.55	3.14	-0.65	0.66	
12/31/2002 9:30	12.89	55.20	27.72	106.79	9.51	3.59	-0.85	1.26	
12/31/2002 10:00	13.01	55.42	27.22	106.48	9.49	3.97	1.82	1.56	
12/31/2002 10:30	13.16	55.69	26.97	106.18	9.45	4.34	1.92	2.15	
12/31/2002 11:00	13.33	55.99	27.69	103.18	9.11	4.74	10.65	3.25	
12/31/2002 11:30	13.39	56.10	28.46	103.18	9.06	5.08	10.65	3.74	
12/31/2002 12:00	13.46	56.23	28.45	104.28	9.14	5.22	5.98	1.34	
12/31/2002 12:30	13.57	56.43	28.99	103.47	9.02	5.26	8.65	2.03	
12/31/2002 13:00	13.63	56.53	28.75	103.27	9.01	5.34	16.49	3.13	
12/31/2002 13:30	13.69	56.64	28.64	103.87	9.05	5.34	6.46	2.83	
12/31/2002 14:00	13.69	56.65	28.54	104.27	9.09	5.17	13.70	11.12	
12/31/2002 14:30	13.72	56.70	28.40	104.46	9.11	5.01	13.40	4.32	
12/31/2002 15:00	13.77	56.79	28.28	105.26	9.18	4.77	9.03	3.51	
12/31/2002 15:30	13.83	56.89	28.35	105.46	9.18	4.54	4.75	3.01	
12/31/2002 16:00	13.85	56.93	28.16	104.86	9.14	4.38	4.35	3.10	
12/31/2002 16:30	13.88	56.99	28.19	104.75	9.12	4.43	7.62	3.40	
12/31/2002 17:00	13.90	57.02	27.71	103.35	9.02	4.67	22.02	4.40	
12/31/2002 17:30	13.87	56.97	27.85	102.65	8.96	5.19	16.05	4.19	
12/31/2002 18:00	13.82	56.87	27.98	101.95	8.90	5.39	11.48	2.89	
12/31/2002 18:30	13.89	57.00	27.83	102.85	8.97	4.80	5.72	3.68	
12/31/2002 19:00	13.93	57.07	27.78	101.74	8.87	4.32	2.14	2.88	
12/31/2002 19:30	13.94	57.09	27.76	101.54	8.85	4.25	1.34	4.07	

DateTime (mm/dd/year hr:min)	Temp (C)	Temp (F)	Salinity (ppt)	Dissolved Oxygen (%)	Dissolved Oxygen (mg/l)	Depth (ft)	Turbidity (NTU)	Chlorophyll (ug/l)	NOTES
12/31/2002 20:00	13.96	57.12	27.76	101.74	8.87	4.11	5.31	4.77	
12/31/2002 20:30	13.96	57.13	27.66	101.34	8.84	4.14	2.52	4.77	
12/31/2002 21:00	13.99	57.19	27.83	101.13	8.80	4.80	13.74	5.66	
12/31/2002 21:30	13.90	57.02	27.62	101.03	8.82	5.59	16.91	6.36	
12/31/2002 22:00	13.83	56.89	28.10	101.53	8.85	6.22	25.84	6.65	
12/31/2002 22:30	13.80	56.84	28.69	101.03	8.78	6.60	13.13	5.35	
12/31/2002 23:00	13.81	56.86	28.71	101.22	8.80	6.40	13.02	6.04	
12/31/2002 23:30	13.83	56.90	28.46	100.42	8.74	5.94	12.72	6.24	