























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
3/12/2003 11:30									
3/12/2003 12:00									
3/12/2003 12:30									
3/12/2003 13:00									
3/12/2003 13:30									
3/12/2003 14:00									
3/12/2003 14:30									
3/12/2003 15:00									
3/12/2003 15:30									
3/12/2003 16:00									
3/12/2003 16:30									
3/12/2003 17:00									
3/12/2003 17:30									
3/12/2003 18:00	21.611 11111	70.9	16.2430 9485			4.167	0.5454448 96	19.48880309	
3/12/2003 18:30									
3/12/2003 19:00									
3/12/2003 19:30									
3/12/2003 20:00									
3/12/2003 20:30									
3/12/2003 21:00									
3/12/2003 21:30									
3/12/2003 22:00	20.861 11111	69.55	19.8709 4891			3.992	0.5480397 87	11.78571429	
3/12/2003 22:30									
3/12/2003 23:00									
3/12/2003 23:30									
3/13/2003 0:00									
3/13/2003 0:30									
3/13/2003 1:00	22.111 11111	71.8	14.3470 3695			2.625	0.4166023 17	17.48339768	
3/13/2003 1:30									
3/13/2003 2:00									
3/13/2003 2:30									
3/13/2003 3:00									
3/13/2003 3:30									
3/13/2003 4:00									
3/13/2003 4:30									
3/13/2003 5:00									
3/13/2003 5:30									
3/13/2003 6:00									
3/13/2003 6:30									
3/13/2003 7:00									
3/13/2003 7:30									
3/13/2003 8:00									
3/13/2003 8:30									
3/13/2003 9:00									
3/13/2003 9:30									
3/13/2003 10:00									
3/13/2003 10:30									
3/13/2003 11:00									
3/13/2003 11:30									
3/13/2003 12:00	22.222	72	17.4683			3.896	1.3492741	17.07490347	







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
3/16/2003 10:00									
3/16/2003 10:30									
3/16/2003 11:00									
3/16/2003 11:30									
3/16/2003 12:00									
3/16/2003 12:30	21.444 44444	70.6	17.1604 166			5.397	2.0810330 62	9.418918919	
3/16/2003 13:00									
3/16/2003 13:30									
3/16/2003 14:00	21.833 33333	71.3	17.5848 0812			5.021	0.8509034 19	8.717760618	
3/16/2003 14:30									
3/16/2003 15:00									
3/16/2003 15:30									
3/16/2003 16:00	22.5	72.5	15.7914 2015			3.732	0.5451043 12	10.01621622	
3/16/2003 16:30									
3/16/2003 17:00									
3/16/2003 17:30									
3/16/2003 18:00									
3/16/2003 18:30									
3/16/2003 19:00	21.944 44444	71.5	17.5095 1819			2.728	2.0144831 68	15.41389961	
3/16/2003 19:30	22.222 22222	72	15.6476 787			3.029	0.8531131 37	13.71351351	
3/16/2003 20:00									
3/16/2003 20:30									
3/16/2003 21:00									
3/16/2003 21:30	21.888 88889	71.4	17.1946 5072			4.503	1.4027453 45	10.71196911	
3/16/2003 22:00	22	71.6	17.5095 2123			4.876	0.9150676 49	10.91158301	
3/16/2003 22:30									
3/16/2003 23:00									
3/16/2003 23:30	22.055 55556	71.7	17.1398 9275			5.701	1.0981501 48	11.11042471	
3/17/2003 0:00									
3/17/2003 0:30									
3/17/2003 1:00	21.722 22222	71.1	18.4130 6427			6.213	0.9768526 1	9.709266409	
3/17/2003 1:30	21.555 55556	70.8	17.7285 6478			5.478	2.5560759 59	11.00888031	
3/17/2003 2:00									
3/17/2003 2:30	21.444 44444	70.6	17.3863 1579			4.422	13.354412 9	12.50810811	
3/17/2003 3:00									
3/17/2003 3:30	21.555 55556	70.8	16.1610 6181			3.903	11.523780 54	41.80733591	
3/17/2003 4:00	21.555 55556	70.8	15.8735 7231			3.549	13.759995 83	67.80694981	
3/17/2003 4:30	21.5	70.7	15.7161 3782			3.093	14.116914 26	12.40656371	
3/17/2003 5:00	21.444 44444	70.6	15.9830 9333			2.637	9.2084030 83	12.20617761	

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
3/17/2003 5:30									
3/17/2003 6:00									
3/17/2003 6:30									
3/17/2003 7:00	21.277 77778	70.3	13.3409 2536			1.275	8.6486166 67	13.2046332	
3/17/2003 7:30									
3/17/2003 8:00	21.222 22222	70.2	13.0602 8137			1.479	5.1417572 43	12.803861	
3/17/2003 8:30	21.222 22222	70.2	13.5120 5188			1.867	6.7076141 04	12.8034749	
3/17/2003 9:00									
3/17/2003 9:30	21.388 88889	70.5	15.6819 1789			2.885	3.9309827 71	67.8027027	
3/17/2003 10:00	21.555 55556	70.8	15.7709 034			3.557	4.5919108 03	10.3023166	
3/17/2003 10:30	21.666 66667	71	15.7640 589			4.101	4.1689492 79	11.0019305	
3/17/2003 11:00	21.722 22222	71.1	16.5170 0941			4.522	3.6261249 52	1.001544402	
3/17/2003 11:30									
3/17/2003 12:00									
3/17/2003 12:30									
3/17/2003 13:00									
3/17/2003 13:30									New Sonde
3/17/2003 14:00	22.166 66667	71.9	19.9672 6876			6.321	4.1913980 12	11.39661017	
3/17/2003 14:30	22.111 11111	71.8	19.9728 2552			6.029	5.2824333 46	11.29322034	
3/17/2003 15:00	22.166 66667	71.9	19.9917 9428			5.726	10.970831 03	12.78983051	
3/17/2003 15:30	22.333 33333	72.2	20.3259 4504			5.444	17.157019 68	13.58644068	
3/17/2003 16:00									
3/17/2003 16:30									
3/17/2003 17:00	22.388 88889	72.3	19.9603 7333			4.446	10.931939 07	13.27627119	
3/17/2003 17:30									
3/17/2003 18:00	22.5	72.5	19.8776 0285			3.779	8.5160539 15	12.86949153	
3/17/2003 18:30									
3/17/2003 19:00									
3/17/2003 19:30	22.5	72.5	18.1842 4313			3.361	16.871454 68	14.85932203	
3/17/2003 20:00	22.444 44444	72.4	18.1965 0589			3.548	15.064600 13	14.0559322	
3/17/2003 20:30	22.333 33333	72.2	18.6647 7665			3.896	12.360416 21	14.15254237	
3/17/2003 21:00	22.222 22222	72	19.5890 5541			4.318	11.851682 34	14.44915254	
3/17/2003 21:30	22	71.6	20.0908 5617			4.772	13.736782 96	14.34576271	
3/17/2003 22:00	22	71.6	20.0897 0693			5.162	9.6380721 67	12.54237288	

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
3/17/2003 22:30									
3/17/2003 23:00	21.888 88889	71.4	20.3757 6646			5.897	9.6190218 33	13.33559322	
3/17/2003 23:30	21.833 33333	71.3	20.7702 7122			6.165	8.3137828 52	12.13220339	
3/18/2003 0:00	21.722 22222	71.1	21.0843 0398			6.403	6.2117420 24	11.92881356	
3/18/2003 0:30									
3/18/2003 1:00	21.722 22222	71.1	21.2764 795			6.536	12.171062 94	12.3220339	
3/18/2003 1:30	21.666 66667	71	21.2350 9426			6.419	14.850426 66	12.61864407	
3/18/2003 2:00	21.666 66667	71	21.2138 2702			6.289	11.852391 77	11.91525424	
3/18/2003 2:30	21.666 66667	71	20.4884 2978			6.062	1.1883496 23	12.61186441	
3/18/2003 3:00	21.611 11111	70.9	20.3531 6054			5.657	6.3570638 23	13.50847458	
3/18/2003 3:30	21.611 11111	70.9	20.0703 593			5.14	7.2439118 85	12.80508475	
3/18/2003 4:00	21.611 11111	70.9	19.7540 2806			4.743	22.461620 48	13.60169492	
3/18/2003 4:30	21.611 11111	70.9	19.1895 7482			4.334	9.8127613 2	12.89830508	
3/18/2003 5:00	21.611 11111	70.9	18.8464 1959			3.918	10.698587 29	13.59491525	
3/18/2003 5:30	21.611 11111	70.9	18.2953 7835			3.45	11.982006 4	14.69152542	
3/18/2003 6:00	21.555 55556	70.8	17.8181 0311			3.061	14.359012 72	16.78813559	
3/18/2003 6:30									
3/18/2003 7:00	21.333 33333	70.4	16.2264 8263			2.345	12.847001 63	16.48135593	
3/18/2003 7:30									
3/18/2003 8:00									
3/18/2003 8:30	21.333 33333	70.4	14.6404 1891			1.871	11.127394 14	17.07118644	
3/18/2003 9:00	21.5	70.7	14.5453 8567			2.059	4.9574502 51	15.66779661	
3/18/2003 9:30									
3/18/2003 10:00	21.833 33333	71.3	15.8574 6319			2.916	8.7141994 56	14.66101695	
3/18/2003 10:30	22	71.6	17.8010 5395			3.439	5.8248688 16	14.15762712	
3/18/2003 11:00	22.166 66667	71.9	18.2089 7072			4.016	3.8301145 03	12.85423729	
3/18/2003 11:30									
3/18/2003 12:00	22.444 44444	72.4	18.7632 7024			5.006	2.5225544 43	11.94745763	
3/18/2003 12:30	22.5	72.5	19.4394 27			5.399	1.3232666 66	11.7440678	
3/18/2003 13:00	22.444 44444	72.4	19.6931 0576			5.765	1.3150768 1	11.34067797	
3/18/2003 13:30	22.5	72.5	19.9132			5.889	1.0092608	11.43728814	

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
			5452				43		
3/18/2003 14:00									
3/18/2003 14:30	22.5	72.5	20.0651 9404			5.688	2.0839131 14	11.73050847	
3/18/2003 15:00	22.777 77778	73	19.9165 128			5.396	0.4890434 04	11.42711864	
3/18/2003 15:30	22.722 22222	72.9	20.2238 3956			5.046	- 0.2130139 09	11.22372881	
3/18/2003 16:00	23.055 55556	73.5	19.7465 6432			4.638	- 0.2209564 84	11.92033898	
3/18/2003 16:30									
3/18/2003 17:00	23.777 77778	74.8	17.8732 9185			3.894	- 1.0295880 9	17.91355932	
3/18/2003 17:30	23.666 66667	74.6	16.8997 7261			3.533	- 0.8392451 4	19.01016949	
3/18/2003 18:00	23.833 33333	74.9	16.1408 4537			3.165	- 0.0546061 12	20.90677966	
3/18/2003 18:30									
3/18/2003 19:00	23.944 44444	75.1	14.4285 1689			2.583	- 0.1695845 7	21.5	
3/18/2003 19:30									
3/18/2003 20:00									
3/18/2003 20:30	23	73.4	18.0865 4517			2.318	0.4993836 16	14.88983051	
3/18/2003 21:00	23.111 11111	73.6	17.0929 0793			2.579	0.5902705 83	17.18644068	
3/18/2003 21:30	23.444 44444	74.2	14.1880 6069			3.022	- 0.2093798 72	19.68305085	
3/18/2003 22:00									
3/18/2003 22:30	23.055 55556	73.5	18.1087 7221			4.153	4.4235645 19	17.47627119	
3/18/2003 23:00	23	73.4	18.6105 7298			4.75	3.7225622 67	16.77288136	
3/18/2003 23:30									
3/19/2003 0:00	22.944 44444	73.3	19.9293 565			5.824	2.3212501 47	14.66610169	
3/19/2003 0:30	23	73.4	19.8879 7126			6.291	2.9059386 3	13.56271186	
3/19/2003 1:00	23.055 55556	73.5	20.3025 9402			6.648	2.5021338 72	13.45932203	
3/19/2003 1:30	23.111 11111	73.6	20.7373 3478			6.855	3.0865915 61	12.5559322	
3/19/2003 2:00									
3/19/2003 2:30	22.722 22222	72.9	21.4726 963			6.76	0.1061498 66	10.14915254	
3/19/2003 3:00	22.611 11111	72.7	21.0155 3906			6.478	0.3944156 65	10.34576271	
3/19/2003 3:30	22.777	73	21.1954			6.169	-	11.04237288	

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
	77778		5182				0.1073943 68		
3/19/2003 4:00	22.833 33333	73.1	20.3493 4658			5.825	- 1.0039620 67	11.83898305	
3/19/2003 4:30	22.777 77778	73	19.7513 6334			5.39	- 0.4195208 64	13.53559322	
3/19/2003 5:00	22.833 33333	73.1	19.6898 6011			4.976	0.9543037 88	14.23220339	
3/19/2003 5:30	22.777 77778	73	19.2662 3287			4.559	2.7223915 46	14.02881356	
3/19/2003 6:00	22.777 77778	73	19.0639 0363			4.137	3.3059095 71	13.92542373	
3/19/2003 6:30	22.722 22222	72.9	19.1298 1439			3.775	1.8176175 07	14.2220339	
3/19/2003 7:00	22.777 77778	73	18.7195 9915			3.434	5.2614058 91	15.21864407	
3/19/2003 7:30	22.833 33333	73.1	17.9003 1791			3.143	5.2525071 67	14.01525424	
3/19/2003 8:00	22.888 88889	73.2	17.9595 2267			2.934	3.2716335	14.51186441	
3/19/2003 8:30									
3/19/2003 9:00	22.944 44444	73.3	17.7225 1419			2.947	3.0573639 12	14.10508475	
3/19/2003 9:30	23	73.4	17.8957 2095			3.301	6.3009544 73	14.70169492	
3/19/2003 10:00									
3/19/2003 10:30	23	73.4	18.8456 7447			4.128	4.7065332 19	14.59491525	
3/19/2003 11:00									
3/19/2003 11:30	23.222 22222	73.8	18.9909 08			5.219	2.7192336 28	13.08813559	
3/19/2003 12:00	23.333 33333	74	18.7215 1876			5.65	5.1724186 49	12.58474576	
3/19/2003 12:30									
3/19/2003 13:00	23.611 11111	74.5	18.7527 5028			6.267	3.8749805 81	12.8779661	
3/19/2003 13:30	23.722 22222	74.7	18.6375 9904			6.501	2.6852872 64	12.77457627	
3/19/2003 14:00									
3/19/2003 14:30	23.777 77778	74.8	18.4274 1456			6.522	- 0.4799879 29	13.16779661	
3/19/2003 15:00	24.055 55556	75.3	18.4732 0732			6.266	1.3810441 08	13.56440678	
3/19/2003 15:30									
3/19/2003 16:00									
3/19/2003 16:30									
3/19/2003 17:00	24.055 55556	75.3	17.7644 8037			4.766	2.1343710 71	14.15084746	
3/19/2003 17:30	24.111 11111	75.4	17.6292 1113			4.379	4.1899629 5	15.14745763	
3/19/2003 18:00	24.166	75.5	17.7487			3.981	4.9673649	15.6440678	

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
	66667		6989				18		
3/19/2003 18:30									
3/19/2003 19:00									
3/19/2003 19:30									
3/19/2003 20:00									
3/19/2003 20:30									
3/19/2003 21:00									
3/19/2003 21:30									
3/19/2003 22:00	24.111 11111	75.4	16.2240 1997			2.511	10.195713 54	20.91694915	
3/19/2003 22:30									
3/19/2003 23:00									
3/19/2003 23:30	23.833 33333	74.9	17.9238 9626			4.002	5.5562742 04	17.40677966	
3/20/2003 0:00	23.722 22222	74.7	17.7416 8502			4.545	2.8012825 03	15.50338983	
3/20/2003 0:30	23.611 11111	74.5	17.4186 4778			5.045	3.9694032 31	14.3	
3/20/2003 1:00	23.555 55556	74.4	17.4242 0454			5.493	5.5292812 96	13.59661017	
3/20/2003 1:30	23.5	74.3	17.5303 513			5.828	3.7558919 68	13.59322034	
3/20/2003 2:00									
3/20/2003 2:30									
3/20/2003 3:00									
3/20/2003 3:30	23.5	74.3	17.4117 5234			5.959	4.7986023 79	12.87966102	
3/20/2003 4:00	23.444 44444	74.2	17.2295 411			5.843	2.5371154 59	12.97627119	
3/20/2003 4:30	23.444 44444	74.2	17.1210 9586			5.657	4.7808379 02	13.47288136	
3/20/2003 5:00	23.444 44444	74.2	17.1601 8263			5.271	3.6949856 66	12.76949153	
3/20/2003 5:30	23.5	74.3	16.9578 5339			4.93	7.9934393 98	14.56610169	
3/20/2003 6:00	23.555 55556	74.4	16.7823 4815			4.655	16.401124 91	15.56271186	
3/20/2003 6:30	23.555 55556	74.4	16.8281 4091			4.504	15.020284 22	15.85932203	
3/20/2003 7:00									
3/20/2003 7:30									
3/20/2003 8:00	23.555 55556	74.4	16.8917 5319			3.99	17.140208 55	15.14915254	
3/20/2003 8:30	23.555 55556	74.4	16.9442 5195			3.633	19.476215 86	15.44576271	
3/20/2003 9:00									
3/20/2003 9:30	23.666 66667	74.6	16.5261 8147			3.34	23.754824 61	16.53898305	
3/20/2003 10:00									
3/20/2003 10:30	23.722 22222	74.7	16.8189 4699			3.997	18.258029 47	16.13220339	
3/20/2003 11:00									
3/20/2003 11:30	23.833 33333	74.9	16.2868 7452			4.884	17.356453 59	14.62542373	

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
3/20/2003 12:00									
3/20/2003 12:30	23.944 44444	75.1	16.4723 4404			5.766	15.088244 01	14.91864407	
3/20/2003 13:00									
3/20/2003 13:30	24.055 55556	75.3	16.3895 7356			6.412	11.161907 16	14.81186441	
3/20/2003 14:00									
3/20/2003 14:30	24.166 66667	75.5	16.5884 5508			6.668	11.629899 36	14.90508475	
3/20/2003 15:00	24.222 22222	75.6	16.3727 1384			6.654	16.498663 01	15.10169492	
3/20/2003 15:30									
3/20/2003 16:00	24.277 77778	75.7	16.1021 7536			6.25	17.257225 6	15.69491525	
3/20/2003 16:30	24.333 33333	75.8	16.0071 4212			6.001	13.442639 44	15.69152542	
3/20/2003 17:00									
3/20/2003 17:30									
3/20/2003 18:00									
3/20/2003 18:30									
3/20/2003 19:00									
3/20/2003 19:30	24.555 55556	76.2	15.4168 2469			3.579	26.630592 3	17.67118644	
3/20/2003 20:00									
3/20/2003 20:30	24.555 55556	76.2	14.6031 0021			2.887	38.877153 57	18.26440678	
3/20/2003 21:00	24.555 55556	76.2	14.4141 8297			2.625	37.888663 68	17.16101695	
3/20/2003 21:30									
3/20/2003 22:00									
3/20/2003 22:30									
3/20/2003 23:00									
3/20/2003 23:30									
3/21/2003 0:00									
3/21/2003 0:30									
3/21/2003 1:00	24.055 55556	75.3	14.1971 0306			4.942	28.436662 81	17.03389831	
3/21/2003 1:30	23.944 44444	75.1	14.2428 9582			5.339	18.700662 21	17.23050847	
3/21/2003 2:00									
3/21/2003 2:30	23.833 33333	74.9	14.5826 0334			6	49.975644 19	19.52372881	
3/21/2003 3:00									
3/21/2003 3:30	23.777 77778	74.8	15.0229 0086			6.107	30.703840 8	18.11694915	
3/21/2003 4:00									
3/21/2003 4:30	23.722 22222	74.7	14.8395 4038			5.907	19.798407 35	17.51016949	
3/21/2003 5:00	23.611 11111	74.5	14.8987 4515			5.8	14.639805 36	16.80677966	
3/21/2003 5:30	23.611 11111	74.5	14.5421 7791			5.324	9.9684437 29	16.10338983	
3/21/2003 6:00	23.666 66667	74.6	14.2660 8267			4.886	11.609000 99	16	

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
3/21/2003 6:30	23.722 22222	74.7	14.3789 3543			4.567	9.5605045 07	15.39661017	
3/21/2003 7:00									
3/21/2003 7:30									
3/21/2003 8:00									
3/21/2003 8:30	23.666 66667	74.6	14.1329 2247			3.299	4.6714312 06	14.18305085	
3/21/2003 9:00									
3/21/2003 9:30									
3/21/2003 10:00	23.777 77778	74.8	13.7941 7475			3.187	4.0628853 79	13.97288136	
3/21/2003 10:30	24.055 55556	75.3	14.1685 6151			3.438	3.8601686 53	14.06949153	
3/21/2003 11:00									
3/21/2003 11:30	24.277 77778	75.7	14.6356 8304			4.23	2.1952231 67	13.86271186	
3/21/2003 12:00									
3/21/2003 12:30	24.222 22222	75.6	14.3986 7456			5.125	4.0186390 38	13.4559322	
3/21/2003 13:00	24.277 77778	75.7	14.3572 8932			5.471	3.3318306 54	13.55254237	
3/21/2003 13:30									
3/21/2003 14:00									
3/21/2003 14:30									
3/21/2003 15:00	24.388 88889	75.9	15.2445 9036			6.188	0.9740465 05	14.03898305	
3/21/2003 15:30									
3/21/2003 16:00									
3/21/2003 16:30	24.944 44444	76.9	15.1807 8864			5.771	0.1751445 96	14.72881356	
3/21/2003 17:00									
3/21/2003 17:30									
3/21/2003 18:00	24.833 33333	76.7	14.6006 2493			4.569	5.0815344 77	14.61864407	
3/21/2003 18:30	24.888 88889	76.8	15.1694 8569			4.167	5.3624972 76	15.91525424	
3/21/2003 19:00									
3/21/2003 19:30	24.666 66667	76.4	14.7782 3921			3.381	6.0207631 31	14.90847458	
3/21/2003 20:00	24.555 55556	76.2	14.8843 8597			3.031	8.0405818 48	14.70508475	
3/21/2003 20:30									
3/21/2003 21:00	24.333 33333	75.8	14.5333 7549			2.408	8.0214655 74	13.99830508	
3/21/2003 21:30									
3/21/2003 22:00									
3/21/2003 22:30	23.944 44444	75.1	13.8123 8577			1.934	8.2824054 05	15.58813559	
3/21/2003 23:00	23.722 22222	74.7	13.9654 7453			2.023	9.6241001 53	13.08474576	
3/21/2003 23:30	23.5	74.3	14.4002 153			2.295	12.605920 19	14.38135593	
3/22/2003 0:00	23.333 33333	74	14.7075 4206			2.665	14.139388 76	14.7779661	

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
3/22/2003 0:30	23.111 11111	73.6	15.2562 8482			3.095	14.418191 98	14.97457627	
3/22/2003 1:00									
3/22/2003 1:30	23.111 11111	73.6	16.0452 9434			4.029	11.117934 92	15.56779661	
3/22/2003 2:00									
3/22/2003 2:30	22.611 11111	72.7	15.5735 7586			4.862	11.676167 8	15.16101695	
3/22/2003 3:00									
3/22/2003 3:30	22.444 44444	72.4	15.6182 1938			5.372	24.184285 29	16.75423729	
3/22/2003 4:00	22.611 11111	72.7	15.8786 0414			5.471	43.443289 63	16.55084746	
3/22/2003 4:30	22.611 11111	72.7	15.9378 089			5.454	15.874334 86	15.34745763	
3/22/2003 5:00									
3/22/2003 5:30	22.555 55556	72.6	16.1903 3843			5.147	8.4368209 58	15.44067797	
3/22/2003 6:00	22.5	72.5	16.2763 6719			4.88	7.0790926 92	14.93728814	
3/22/2003 6:30									
3/22/2003 7:00									
3/22/2003 7:30	22.222 22222	72	16.3869 2147			4.139	4.0673322 27	13.82711864	
3/22/2003 8:00									
3/22/2003 8:30	22.166 66667	71.9	15.8816 7299			3.713	4.2419185 57	13.32033898	
3/22/2003 9:00	22.166 66667	71.9	15.8000 5175			3.586	6.8301513 86	12.51694915	
3/22/2003 9:30	22.277 77778	72.1	15.9397 2851			3.518	5.9551794 67	13.51355932	
3/22/2003 10:00									
3/22/2003 10:30									
3/22/2003 11:00									
3/22/2003 11:30	23	73.4	16.4649 0556			3.871	2.5543686 12	13.7	
3/22/2003 12:00									
3/22/2003 12:30	23.333 33333	74	16.8247 3108			4.571	3.0174152 12	12.89322034	
3/22/2003 13:00									
3/22/2003 13:30	23.555 55556	74.4	16.8827 866			5.249	2.1355228 08	12.98644068	
3/22/2003 14:00	23.777 77778	74.8	17.1163 4736			5.514	0.3024071 37	12.08305085	
3/22/2003 14:30									
3/22/2003 15:00	23.944 44444	75.1	17.4426 4288			5.936	1.6297465 17	13.17627119	
3/22/2003 15:30	24.111 11111	75.4	17.5689 0764			6.068	1.1413390 56	14.87288136	
3/22/2003 16:00	24.166 66667	75.5	17.5945 824			5.97	2.2844350 56	15.06949153	
3/22/2003 16:30									
3/22/2003 17:00									
3/22/2003 17:30	24	75.2	17.0546			5.16	2.9299116	12.85932203	

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
			5469				5		
3/22/2003 18:00									
3/22/2003 18:30	23.888 88889	75	16.9316 4821			4.563	5.5970136 41	13.95254237	
3/22/2003 19:00									
3/22/2003 19:30									
3/22/2003 20:00									
3/22/2003 20:30	23.5	74.3	15.6797 3525			3.176	6.0392294 93	17.93898305	
3/22/2003 21:00	23.388 88889	74.1	15.4371 7001			2.845	5.3593614 31	17.73559322	
3/22/2003 21:30									
3/22/2003 22:00	23.166 66667	73.7	14.6703 8753			2.285	10.320693 56	17.02881356	
3/22/2003 22:30	23	73.4	14.2735 8429			2.067	3.3211420 14	15.42542373	
3/22/2003 23:00	22.833 33333	73.1	13.9840 7705			1.915	3.0251183 31	15.3220339	
3/22/2003 23:30									
3/23/2003 0:00	22.555 55556	72.6	13.9214 2458			2.031	2.8161570 19	14.71525424	
3/23/2003 0:30									
3/23/2003 1:00	22.277 77778	72.1	14.8512 601			2.555	4.1379573 28	14.80847458	
3/23/2003 1:30									
3/23/2003 2:00	22.222 22222	72	16.1231 0162			3.243	4.4068891 91	15.90169492	
3/23/2003 2:30									
3/23/2003 3:00									
3/23/2003 3:30	22.111 11111	71.8	17.6217 979			4.226	6.3870179 44	15.89152542	
3/23/2003 4:00	22.055 55556	71.7	18.2443 0666			4.521	1.7904997 01	14.98813559	
3/23/2003 4:30	22	71.6	18.5181 0342			4.828	2.1641100 44	14.28474576	
3/23/2003 5:00	22	71.6	18.6309 5618			4.905	4.5437705 02	14.68135593	
3/23/2003 5:30									
3/23/2003 6:00									
3/23/2003 6:30	21.888 88889	71.4	17.9770 2647			4.774	- 0.7349863 37	15.37118644	
3/23/2003 7:00									
3/23/2003 7:30									
3/23/2003 8:00	21.833 33333	71.3	17.1353 2875			4.042	0.9583471 64	14.66101695	
3/23/2003 8:30									
3/23/2003 9:00	21.888 88889	71.4	17.4482 1227			3.96	0.1782351 76	14.35423729	
3/23/2003 9:30	21.888 88889	71.4	17.0111 7303			3.84	1.2191386 28	13.35084746	
3/23/2003 10:00									
3/23/2003 10:30	21.944 44444	71.5	17.4045 2855			3.742	0.6300256 5	12.7440678	



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
3/24/2003 3:30									
3/24/2003 4:00	20.661 11111	69.19	16.3584 0518			3.205	- 0.0432167 07	15.62542373	
3/24/2003 4:30									
3/24/2003 5:00									
3/24/2003 5:30	20.511 11111	68.92	17.1797 9547			3.871	- 0.3524054 61	13.91525424	
3/24/2003 6:00									
3/24/2003 6:30									
3/24/2003 7:00	20.266 66667	68.48	18.0011 8575			4.083	- 0.9453231 96	12.50508475	
3/24/2003 7:30	20.238 88889	68.43	18.1140 3851			4.065	- 0.1962430 22	12.60169492	
3/24/2003 8:00									
3/24/2003 8:30									
3/24/2003 9:00									
3/24/2003 9:30	20.422 22222	68.76	18.3709 7555			3.801	- 1.4592365 34	10.38813559	
3/24/2003 10:00	20.55	68.99	18.3161 7831			3.781	- 0.9944623 27	10.68474576	
3/24/2003 10:30	20.672 22222	69.21	18.6100 9307			3.751	7.1294942 08	10.98135593	
3/24/2003 11:00	20.805 55556	69.45	18.5418 8383			3.789	- 1.5781021 76	11.4779661	
3/24/2003 11:30									
3/24/2003 12:00	21.111 11111	70	18.7877 0736			3.803	- 1.8778152 19	10.87118644	
3/24/2003 12:30	21.277 77778	70.3	19.4035 1012			3.859	- 1.4133872 04	12.16779661	
3/24/2003 13:00									
3/24/2003 13:30	21.777 77778	71.2	20.0986 3564			4.141	- 0.5794866 64	10.56101695	
3/24/2003 14:00	22	71.6	21.1100 924			4.336	0.8289077 21	11.15762712	
3/24/2003 14:30	22	71.6	20.7132 8916			4.475	0.9148161 19	11.25423729	
3/24/2003 15:00									
3/24/2003 15:30									
3/24/2003 16:00	22.222 22222	72	20.7299 5944			4.951	4.0980770 84	12.9440678	
3/24/2003 16:30									
3/24/2003 17:00									
3/24/2003 17:30	22.277 77778	72.1	21.5111 1373			4.931	10.296504 55	13.73389831	

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
3/24/2003 18:00									
3/24/2003 18:30	22.111 11111	71.8	21.2808 1125			4.796	5.3727394 14	12.52711864	
3/24/2003 19:00									
3/24/2003 19:30									
3/24/2003 20:00	21.722 22222	71.1	20.9353 5753			4.274	2.4231121 51	14.91694915	
3/24/2003 20:30	21.388 88889	70.5	20.6458 5029			4.059	3.1681369 34	15.51355932	
3/24/2003 21:00									
3/24/2003 21:30									
3/24/2003 22:00	21.444 44444	70.6	20.1059 2257			3.313	2.7645696 77	13.80338983	
3/24/2003 22:30	21.5	70.7	19.7493 5533			3.042	2.0023738 87	13.8	
3/24/2003 23:00	21.555 55556	70.8	19.6140 8609			2.768	0.8638510 29	12.49661017	
3/24/2003 23:30									
3/25/2003 0:00									
3/25/2003 0:30	21.111 11111	70	17.8335 4838			2.104	- 0.4791821 04	13.88644068	
3/25/2003 1:00									
3/25/2003 1:30	20.827 77778	69.49	16.3223 999			1.873	- 0.8720867 07	11.27966102	
3/25/2003 2:00									
3/25/2003 2:30									
3/25/2003 3:00	20.427 77778	68.77	16.1043 6018			2.102	- 0.7088224 45	11.06949153	
3/25/2003 3:30	20.355 55556	68.64	16.3781 5694			2.286	- 0.2471145 09	11.86610169	
3/25/2003 4:00									
3/25/2003 4:30									
3/25/2003 5:00	20.3	68.54	18.4669 8122			3.036	- 0.8359273 97	12.5559322	
3/25/2003 5:30	20.261 11111	68.47	18.5798 3398			3.292	4.0403370 83	12.25254237	
3/25/2003 6:00									
3/25/2003 6:30	20.3	68.54	19.3487 2551			3.779	- 0.1095408 14	12.04576271	
3/25/2003 7:00	20.361 11111	68.65	20.1254 7227			3.955	360.67804 91	10.94237288	
3/25/2003 7:30	20.355 55556	68.64	20.0371 4503			4.143	34.980080 14	10.53898305	
3/25/2003 8:00									
3/25/2003 8:30									
3/25/2003 9:00									
3/25/2003 9:30	20.333 33333	68.6	20.2471 4007			4.583	0.2152402 67	9.625423729	

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
3/25/2003 10:00	20.333 33333	68.6	20.2392 8483			4.636	0.3005551 92	11.1220339	
3/25/2003 10:30									
3/25/2003 11:00	20.383 33333	68.69	19.4188 5435			4.58	- 1.7789633 24	11.01525424	
3/25/2003 11:30									
3/25/2003 12:00									
3/25/2003 12:30									
3/25/2003 13:00	20.538 88889	68.97	19.6489 674			4.563	1.2801829 59	11.90169492	
3/25/2003 13:30	20.566 66667	69.02	19.6612 3016			4.644	3.8005951 48	12.59830508	
3/25/2003 14:00	20.622 22222	69.12	19.9417 3292			4.768	2.9486037 77	12.29491525	
3/25/2003 14:30									
3/25/2003 15:00	20.761 11111	69.37	19.7851 9644			4.874	2.1817130 21	12.28813559	
3/25/2003 15:30	20.816 66667	69.47	19.6365 152			4.897	2.5472950 09	12.58474576	
3/25/2003 16:00									
3/25/2003 16:30	20.894 44444	69.61	19.6677 4672			5.029	0.9387952 86	12.6779661	
3/25/2003 17:00	20.977 77778	69.76	19.6531 8548			5.095	0.3688513 92	13.57457627	
3/25/2003 17:30									
3/25/2003 18:00									
3/25/2003 18:30									
3/25/2003 19:00	21.222 22222	70.2	19.6754 1253			5.268	175.53183 88	12.86101695	
3/25/2003 19:30									
3/25/2003 20:00	21.5	70.7	19.8206 4605			5.074	- 2.0186490 97	11.55423729	
3/25/2003 20:30									
3/25/2003 21:00									
3/25/2003 21:30									
3/25/2003 22:00	21.722 22222	71.1	19.9769 9309			4.306	- 1.6775212 77	10.94067797	
3/25/2003 22:30									
3/25/2003 23:00									
3/25/2003 23:30	21.722 22222	71.1	16.3858 3537			3.514	- 1.7953813 14	16.93050847	
3/26/2003 0:00	21.611 11111	70.9	16.2438 6014			3.262	- 2.2701554 09	19.12711864	
3/26/2003 0:30	21.333 33333	70.4	15.3709 309			3.03	- 2.1849229 1	16.22372881	
3/26/2003 1:00									
3/26/2003 1:30									
3/26/2003 2:00	21.444	70.6	14.7035			2.488	-	15.71355932	

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
	44444		8918				2.1159382 39		
3/26/2003 2:30									
3/26/2003 3:00									
3/26/2003 3:30									
3/26/2003 4:00	21.333 33333	70.4	19.3730 7422			2.58	0.7405703 92	10.2	
3/26/2003 4:30									
3/26/2003 5:00	20.877 77778	69.58	14.8241 0774			2.846	- 1.7919484 54	15.99322034	
3/26/2003 5:30									
3/26/2003 6:00	20.911 11111	69.64	16.1294 7927			3.315	- 1.9945464 3	15.98644068	
3/26/2003 6:30									
3/26/2003 7:00	20.794 44444	69.43	17.6293 2479			3.9	17.073165 52	14.67966102	
3/26/2003 7:30	20.844 44444	69.52	17.6885 2955			4.108	- 2.1120437 9	14.17627119	
3/26/2003 8:00	20.85	69.53	16.6211 2631			4.299	- 2.3062870 57	16.17288136	
3/26/2003 8:30									
3/26/2003 9:00	20.938 88889	69.69	16.4578 8383			4.762	- 2.6015490 62	15.26610169	
3/26/2003 9:30									
3/26/2003 10:00	21.027 77778	69.85	17.5419 5735			5.095	- 1.4087134 74	12.35932203	
3/26/2003 10:30	20.983 33333	69.77	17.6212 8011			5.113	- 1.3239920 2	11.4559322	
3/26/2003 11:00									
3/26/2003 11:30									
3/26/2003 12:00									
3/26/2003 12:30									
3/26/2003 13:00									
3/26/2003 13:30	21.833 33333	71.3	13.9462 0268			4.87	0.9483327 47	15.73559322	
3/26/2003 14:00									
3/26/2003 14:30	22.166 66667	71.9	14.0377 882			4.7	68.336700 81	17.72881356	
3/26/2003 15:00	22.222 22222	72	14.0299 3296			4.715	76.113674 16	15.92542373	
3/26/2003 15:30									
3/26/2003 16:00	22.388 88889	72.3	13.9404 5648			4.904	3.0392166 4	16.41864407	
3/26/2003 16:30									
3/26/2003 17:00	22.777 77778	73	14.3136 94			4.67	- 1.5242946 24	15.81186441	



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
3/27/2003 8:00	21.888 88889	71.4	14.9028 7483			4.382	0.0733991 07	14.11016949	
3/27/2003 8:30									
3/27/2003 9:00	21.888 88889	71.4	16.2484 8235			4.83	- 1.5117738 77	15.20338983	
3/27/2003 9:30	22.222 22222	72	17.3135 8711			5.105	14.802670 62	13.8	
3/27/2003 10:00									
3/27/2003 10:30	22.055 55556	71.7	17.1771 6863			5.372	- 2.4585491 79	13.79322034	
3/27/2003 11:00									
3/27/2003 11:30									
3/27/2003 12:00	22.111 11111	71.8	17.2877 2292			5.49	- 1.0087864	15.18305085	
3/27/2003 12:30									
3/27/2003 13:00	22.055 55556	71.7	17.3390 7244			5.391	- 0.1045594 51	15.07627119	
3/27/2003 13:30									
3/27/2003 14:00									
3/27/2003 14:30	21.888 88889	71.4	16.9735 0072			4.999	4.0121667 31	15.36610169	
3/27/2003 15:00									
3/27/2003 15:30	21.722 22222	71.1	16.2335 4224			4.554	3.0733340 04	14.75932203	
3/27/2003 16:00	21.666 66667	71	15.2197 87			3.813	1.6841187 61	14.3559322	
3/27/2003 16:30	21.555 55556	70.8	14.8296 8976			3.585	4.2508876 93	14.15254237	
3/27/2003 17:00									
3/27/2003 17:30									
3/27/2003 18:00									
3/27/2003 18:30									
3/27/2003 19:00	21.555 55556	70.8	16.3596 1757			5.002	3.3769347 91	14.53559322	
3/27/2003 19:30	21.5	70.7	16.3517 6233			5.171	4.3785042 5	14.83220339	
3/27/2003 20:00									
3/27/2003 20:30	21.388 88889	70.5	16.8725 3185			5.211	1.7877427 39	14.32542373	
3/27/2003 21:00									
3/27/2003 21:30									
3/27/2003 22:00	21.277 77778	70.3	17.1239 1213			5.338	1.3937204 87	14.31525424	
3/27/2003 22:30									
3/27/2003 23:00									
3/27/2003 23:30	21.333 33333	70.4	17.2814 0841			5.366	- 0.5597808 29	14.60508475	
3/28/2003 0:00									
3/28/2003 0:30	21.333 33333	70.4	17.3260 5194			5.135	- 1.6775123	13.99830508	

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
							36		
3/28/2003 1:00									
3/28/2003 1:30									
3/28/2003 2:00	20.783 33333	69.41	14.8145 6022			3.92	- 0.7857284 56	13.68813559	
3/28/2003 2:30	20.833 33333	69.5	14.7329 3898			3.545	- 1.6191408 63	14.28474576	
3/28/2003 3:00									
3/28/2003 3:30									
3/28/2003 4:00									
3/28/2003 4:30	20.111 11111	68.2	12.9914 8802			2.71	0.4541333 47	13.67118644	
3/28/2003 5:00	20.75	69.35	14.5729 5478			2.749	2.0937839 14	13.46779661	
3/28/2003 5:30	20.694 44444	69.25	14.5181 5754			2.834	2.6341268 64	12.76440678	
3/28/2003 6:00									
3/28/2003 6:30									
3/28/2003 7:00	20.188 88889	68.34	13.9111 6983			3.348	2.4237676 52	13.65423729	
3/28/2003 7:30	20.205 55556	68.37	13.7155 4659			3.499	4.7935204 28	13.45084746	
3/28/2003 8:00									
3/28/2003 8:30									
3/28/2003 9:00									
3/28/2003 9:30	20.661 11111	69.19	15.3807 4363			4.552	3.1097883 73	13.13728814	
3/28/2003 10:00									
3/28/2003 10:30	20.838 88889	69.51	15.5662 1315			5.142	- 0.6558165 27	13.03050847	
3/28/2003 11:00									
3/28/2003 11:30	20.95	69.71	16.2278 0867			5.41	2.4334087 75	12.52372881	
3/28/2003 12:00	21.011 11111	69.82	16.4345 4544			5.433	5.1646683 1	12.52033898	
3/28/2003 12:30									
3/28/2003 13:00									
3/28/2003 13:30									
3/28/2003 14:00	21.611 11111	70.9	16.3628 8848			4.83	- 1.1719651 63	12.20677966	
3/28/2003 14:30									
3/28/2003 15:00									
3/28/2003 15:30	22	71.6	15.5484 21	99.4	7.94	4.271	6	14.1	New Sonde
3/28/2003 16:00	22.166 66667	71.9	15.3780 0701	99.1	7.9	4.082	7	14.59954683	
3/28/2003 16:30	22.666 66667	72.8	14.8427 7801	99.8	7.91	3.982	10.2	14.49909366	
3/28/2003 17:00	22.5	72.5	14.7585 9302	98.1	7.8	3.888	12.2	14.49864048	

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
3/28/2003 17:30	22.5	72.5	14.6213 4402	97.8	7.78	3.84	17.8	14.49818731	
3/28/2003 18:00	22.388 88889	72.3	14.8820 7503	96.9	7.72	3.822	11.8	14.19773414	
3/28/2003 18:30	22.222 22222	72	14.9703 4804	96	7.67	3.8	12	14.79728097	
3/28/2003 19:00	22.166 66667	71.9	14.9723 9204	95.6	7.64	3.944	11.7	14.19682779	
3/28/2003 19:30	22.222 22222	72	14.8484 0905	95.4	7.62	4.165	10.7	14.59637462	
3/28/2003 20:00	22.222 22222	72	15.1423 0505	95.1	7.59	4.425	7.8	15.09592145	
3/28/2003 20:30	22.222 22222	72	15.5555 9506	94.7	7.54	4.683	8.5	14.49546828	
3/28/2003 21:00	22.277 77778	72.1	15.5908 0407	94.6	7.52	4.967	8.1	14.49501511	
3/28/2003 21:30	22.111 11111	71.8	15.9377 6407	94.5	7.52	5.241	7	14.29456193	
3/28/2003 22:00	22.055 55556	71.7	16.7225 0208	93.3	7.4	5.462	6.8	15.19410876	
3/28/2003 22:30	22.055 55556	71.7	16.8373 0708	92.8	7.35	5.568	6.5	14.29365559	
3/28/2003 23:00	22.111 11111	71.8	17.0051 7609	91.5	7.24	5.621	7	13.89320242	
3/28/2003 23:30	22.055 55556	71.7	17.2791 731	90.6	7.16	5.625	6.7	14.39274924	
3/29/2003 0:00	22.055 55556	71.7	17.3873 451	90.4	7.14	5.507	6.7	14.39229607	
3/29/2003 0:30	22.111 11111	71.8	17.6149 1111	89.8	7.08	5.381	6.3	13.0918429	
3/29/2003 1:00	22.055 55556	71.7	17.1924 4311	90	7.12	5.156	8.2	13.99138973	
3/29/2003 1:30	22.222 22222	72	16.0403 4512	92.1	7.31	4.87	6.2	14.19093656	
3/29/2003 2:00	22.166 66667	71.9	15.3459 2413	92.8	7.4	4.516	5.9	14.29048338	
3/29/2003 2:30	21.944 44444	71.5	14.5785 4013	92.7	7.46	4.158	6.1	13.99003021	
3/29/2003 3:00	21.888 88889	71.4	14.4479 2414	92.6	7.46	3.816	6.2	13.78957704	
3/29/2003 3:30	21.777 77778	71.2	14.0718 8715	92.1	7.46	3.512	6.7	14.38912387	
3/29/2003 4:00	21.666 66667	71	13.4172 6415	91.5	7.45	3.191	7.1	14.18867069	
3/29/2003 4:30	21.666 66667	71	13.2269 5116	90.7	7.4	2.9	7.8	13.88821752	
3/29/2003 5:00	21.611 11111	70.9	12.8177 4916	90.2	7.38	2.64	8.1	13.98776435	
3/29/2003 5:30	21.555 55556	70.8	12.5478 4017	89	7.3	2.513	7.8	14.08731118	
3/29/2003 6:00	21.555 55556	70.8	12.4172 2418	88.6	7.28	2.499	9.4	14.78685801	
3/29/2003 6:30	21.666 66667	71	13.2218 6118	87.6	7.15	2.629	7.8	13.18640483	
3/29/2003 7:00	21.5	70.7	12.9718	88.8	7.27	2.775	6.8	13.78595166	

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
			5119						
3/29/2003 7:30	21.333 33333	70.4	13.1728 8519	87.7	7.2	2.984	7	12.78549849	
3/29/2003 8:00	21.333 33333	70.4	13.2147 272	88.8	7.29	3.243	6.4	13.58504532	
3/29/2003 8:30	21.388 88889	70.5	13.7606 7721	87.9	7.18	3.561	7.6	13.68459215	
3/29/2003 9:00	21.555 55556	70.8	14.9035 9721	86	6.96	3.93	6.8	12.78413897	
3/29/2003 9:30	21.888 88889	71.4	16.4378 6422	85.9	6.85	4.349	8	12.7836858	
3/29/2003 10:00	22.222 22222	72	17.3751 6122	88.4	6.96	4.703	6.8	12.88323263	
3/29/2003 10:30	22.055 55556	71.7	17.4634 3423	86.9	6.86	5.042	6.2	12.58277946	
3/29/2003 11:00	22.111 11111	71.8	17.6512 0224	84.6	6.67	5.329	6.3	12.58232628	
3/29/2003 11:30	22.333 33333	72.2	17.6731 4524	85.9	6.74	5.545	6.8	12.68187311	
3/29/2003 12:00	22.444 44444	72.4	17.6353 9125	86.5	6.78	5.509	6.3	12.38141994	
3/29/2003 12:30	22.333 33333	72.2	17.5910 0425	83.8	6.57	5.487	5.9	11.78096677	
3/29/2003 13:00	22.111 11111	71.8	17.6991 7626	84.7	6.67	5.448	6.4	12.6805136	
3/29/2003 13:30	22.388 88889	72.3	17.9201 0927	85.5	6.69	5.27	7.3	12.18006042	
3/29/2003 14:00	22.333 33333	72.2	17.8757 2227	85.5	6.7	5.052	5.7	12.27960725	
3/29/2003 14:30	22.555 55556	72.6	17.7053 0828	85.7	6.7	4.8	6.3	11.87915408	
3/29/2003 15:00	23.222 22222	73.8	16.9312 9128	87.9	6.82	4.535	6	12.77870091	
3/29/2003 15:30	23.611 11111	74.5	15.6664 3229	91.5	7.1	4.235	5.9	12.57824773	
3/29/2003 16:00	23.388 88889	74.1	14.8592 503	91.3	7.14	3.915	6.1	12.47779456	
3/29/2003 16:30	23.666 66667	74.6	14.4102 503	93.1	7.27	3.658	6.4	13.37734139	
3/29/2003 17:00	24.111 11111	75.4	13.5433 7131	96.4	7.51	3.399	6.2	13.27688822	
3/29/2003 17:30	23.944 44444	75.1	12.8423 1731	97.5	7.64	3.217	6.5	14.17643505	
3/29/2003 18:00	23	73.4	15.7363 4932	86	6.74	3.071	7.1	14.37598187	
3/29/2003 18:30	22.722 22222	72.9	17.2772 4933	81.9	6.4	3.04	7.6	12.4755287	
3/29/2003 19:00	22.722 22222	72.9	17.2195 9633	81.1	6.34	3.177	7.9	13.37507553	
3/29/2003 19:30	23.5	74.3	15.0592 8234	92.1	7.18	3.53	6.6	14.07462236	
3/29/2003 20:00	23.166 66667	73.7	16.1624 0434	88.4	6.9	3.899	7.1	13.87416918	
3/29/2003 20:30	23.111 11111	73.6	16.7083 5435	87.2	6.79	4.161	6.9	13.47371601	

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
3/29/2003 21:00	23.166 66667	73.7	17.2742 0336	87.6	6.79	4.459	6.5	12.97326284	
3/29/2003 21:30	23.055 55556	73.5	18.1518 0336	86.1	6.65	4.825	6.3	13.27280967	
3/29/2003 22:00	23.111 11111	73.6	17.9548 5737	87.6	6.76	5.245	6.4	12.9723565	
3/29/2003 22:30	23.111 11111	73.6	18.3681 4737	88.1	6.79	5.568	7	13.77190332	
3/29/2003 23:00	22.944 44444	73.3	18.7350 0638	87	6.71	5.866	7.1	12.17145015	
3/29/2003 23:30	22.833 33333	73.1	18.9824 7139	86.5	6.68	6.095	6.6	12.47099698	
3/30/2003 0:00	22.888 88889	73.2	19.0375 7939	86.6	6.68	6.027	6.6	12.97054381	
3/30/2003 0:30	22.833 33333	73.1	18.9003 304	84.9	6.55	5.894	6.6	11.57009063	
3/30/2003 1:00	22.777 77778	73	18.8625 764	86.4	6.68	5.73	6.8	12.56963746	
3/30/2003 1:30	22.777 77778	73	18.4666 4041	86.6	6.71	5.445	6.2	13.16918429	
3/30/2003 2:00	22.722 22222	72.9	18.4885 8342	86.4	6.7	5.183	6.3	12.96873112	
3/30/2003 2:30	22.666 66667	72.8	17.8538 5942	86.2	6.72	4.89	8.4	13.16827795	
3/30/2003 3:00	22.666 66667	72.8	17.6303 8143	86.2	6.73	4.507	7.6	12.86782477	
3/30/2003 3:30	22.555 55556	72.6	17.2079 1344	85.5	6.7	4.282	10.2	14.0673716	
3/30/2003 4:00	22.444 44444	72.4	16.9778 0244	84.8	6.67	4.022	16.8	14.16691843	
3/30/2003 4:30	22.388 88889	72.3	16.8405 5345	84	6.62	3.662	14.6	14.06646526	
3/30/2003 5:00	22.222 22222	72	15.8609 1345	84.9	6.75	3.257	12.5	14.76601208	
3/30/2003 5:30	22.166 66667	71.9	15.3721 1546	84.7	6.76	2.804	12.5	14.16555891	
3/30/2003 6:00	22	71.6	13.9679 6347	84.3	6.81	2.397	15.2	13.96510574	
3/30/2003 6:30	21.777 77778	71.2	13.4526 3347	84.4	6.86	2.101	25.4	15.16465257	
3/30/2003 7:00	21.5	70.7	13.1827 2448	84.2	6.89	1.897	32.4	15.7641994	
3/30/2003 7:30	20.994 44444	69.79	13.2842 6348	86.7	7.16	1.851	34.6	16.26374622	
3/30/2003 8:00	20.577 77778	69.04	12.9811 8949	86.8	7.24	1.91	45.3	16.96329305	
3/30/2003 8:30	20.35	68.63	14.1373 755	87.5	7.28	2.105	42.2	17.06283988	
3/30/2003 9:00	20.283 33333	68.51	14.5440 325	86.8	7.22	2.127	37.5	16.16238671	
3/30/2003 9:30	20.088 88889	68.16	14.4863 7951	88.3	7.37	2.021	31.8	15.46193353	
3/30/2003 10:00	20.066 66667	68.12	14.2231 0351	87.8	7.34	2.064	45.3	16.86148036	
3/30/2003 10:30	20.005	68.01	14.9216	88.4	7.37	2.416	40.3	15.96102719	

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
	55556		1252						
3/30/2003 11:00	19.994 44444	67.99	17.0130 5153	88.8	7.31	2.978	44.1	15.76057402	
3/30/2003 11:30	20.088 88889	68.16	17.1610 2153	90.2	7.41	3.646	48.7	16.96012085	
3/30/2003 12:00	20.261 11111	68.47	17.8197 3254	89.8	7.32	4.173	56.2	17.65966767	
3/30/2003 12:30	20.2	68.36	17.8085 1054	89.9	7.34	4.617	45	17.9592145	
3/30/2003 13:00	20.411 11111	68.74	18.5136 5255	89.4	7.24	4.789	63.1	17.85876133	
3/30/2003 13:30	20.377 77778	68.68	19.5106 4656	91.4	7.36	4.739	57.8	18.25830816	
3/30/2003 14:00	20.411 11111	68.74	19.0218 4856	91.3	7.37	4.55	49.9	16.65785498	
3/30/2003 14:30	20.155 55556	68.28	18.6391 7857	93	7.56	4.238	65.6	18.85740181	
3/30/2003 15:00	20.483 33333	68.87	19.5300 4457	93.8	7.54	3.924	65	17.95694864	
3/30/2003 15:30	20.5	68.9	19.7244 4558	94.4	7.57	3.624	69.7	18.15649547	
3/30/2003 16:00	20.422 22222	68.76	20.0714 0559	95	7.62	3.358	88.3	19.3560423	
3/30/2003 16:30	20.238 88889	68.43	20.2658 0659	94.8	7.62	3.16	62.5	17.95558912	
3/30/2003 17:00	19.955 55556	67.92	20.2811 166	94.4	7.63	2.941	85.1	21.15513595	
3/30/2003 17:30	19.594 44444	67.27	20.3229 586	94.5	7.69	2.727	99.7	22.75468278	
3/30/2003 18:00	19.25	66.65	20.3846 9961	94.3	7.72	2.576	70.9	20.45422961	
3/30/2003 18:30	18.911 11111	66.04	20.1346 8962	94.7	7.81	2.423	65.1	19.85377644	
3/30/2003 19:00	18.627 77778	65.53	19.6259 9262	93.9	7.81	2.294	38.8	17.55332326	
3/30/2003 19:30	18.55	65.39	19.4622 1163	93.6	7.81	2.173	32.2	17.15287009	
3/30/2003 20:00	18.25	64.85	18.6085 9863	93.1	7.86	2.121	27.7	16.05241692	
3/30/2003 20:30	18.144 44444	64.66	18.9887 2364	91.9	7.75	2.155	72.9	22.35196375	
3/30/2003 21:00	18	64.4	19.1499 5965	91.3	7.71	2.25	66.5	21.55151057	
3/30/2003 21:30	18.072 22222	64.53	20.2331 8265	90.7	7.6	2.367	59.8	20.9510574	
3/30/2003 22:00	17.538 88889	63.57	19.0412 8666	91.3	7.79	2.481	83.7	24.75060423	
3/30/2003 22:30	17.294 44444	63.13	19.6601 9966	91.5	7.82	2.591	99.7	26.95015106	
3/30/2003 23:00	17.072 22222	62.73	19.7816 3767	91.4	7.83	2.765	87.4	23.74969789	
3/30/2003 23:30	16.85	62.33	19.9362 4068	91.2	7.85	2.929	92.6	23.54924471	
3/31/2003 0:00	16.688 88889	62.04	20.3959 6168	91.1	7.84	3.03	102.3	24.34879154	

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
3/31/2003 0:30	16.477 77778	61.66	20.3980 0569	90.4	7.81	3.044	221.1	29.94833837	
3/31/2003 1:00	16.244 44444	61.24	20.3602 5169	90.4	7.85	3.013	102.6	24.2478852	
3/31/2003 1:30	15.977 77778	60.76	20.1765 717	90.4	7.91	2.976	98.9	23.64743202	
3/31/2003 2:00	15.688 88889	60.24	20.0791 2071	90.6	7.97	2.895	69.5	20.34697885	
3/31/2003 2:30	15.438 88889	59.79	20.2337 2371	90	7.95	2.786	74.2	22.34652568	
3/31/2003 3:00	15.122 22222	59.22	20.2225 0172	90.6	8.06	2.629	64.6	20.24607251	
3/31/2003 3:30	14.733 33333	58.52	19.7204 3773	90.7	8.16	2.405	83.6	23.04561934	
3/31/2003 4:00	14.177 77778	57.52	19.5168 5873	90	8.2	2.191	61.4	21.34516616	
3/31/2003 4:30	13.405 55556	56.13	18.6101 8174	90.1	8.39	1.993	45	18.94471299	
3/31/2003 5:00	13.216 66667	55.79	18.2739 4274	89.7	8.41	1.819	46.8	18.84425982	
3/31/2003 5:30	12.694 44444	54.85	17.9045 3875	89.7	8.53	1.655	39.6	17.64380665	
3/31/2003 6:00	12.422 22222	54.36	18.2713 9776	89	8.48	1.504	40.2	18.54335347	
3/31/2003 6:30	12.033 33333	53.66	18.5387 6176	89	8.55	1.357	36.2	17.3429003	
3/31/2003 7:00	11.844 44444	53.32	18.2091 5577	88.5	8.55	1.247	34.5	16.44244713	
3/31/2003 7:30	11.611 11111	52.9	17.7137 2477	88.7	8.64	1.142	31.6	16.14199396	
3/31/2003 8:00	11.294 44444	52.33	17.6030 0778	90.1	8.85	1.03	23.3	13.74154079	
3/31/2003 8:30	11.211 11111	52.18	17.4790 2479	92	9.06	0.946	21.9	11.74108761	
3/31/2003 9:00	11.261 11111	52.27	16.8907 3179	94.4	9.32	0.845	21.8	10.94063444	
3/31/2003 9:30	11.555 55556	52.8	16.6805 198	96	9.43	0.823	21.3	11.14018127	
3/31/2003 10:00	11.955 55556	53.52	16.2447 858	97.9	9.56	0.885	22.7	11.0397281	
3/31/2003 10:30	12.544 44444	54.58	16.3861 2281	99.7	9.6	1.113	23.2	11.23927492	
3/31/2003 11:00	12.977 77778	55.36	15.6054 7282	100.3	9.62	1.444	23.4	11.03882175	
3/31/2003 11:30	13.783 33333	56.81	17.7300 7682	101.7	9.46	1.927	37.1	13.53836858	
3/31/2003 12:00	14.016 66667	57.23	19.5694 6183	100.6	9.2	2.449	46	15.83791541	
3/31/2003 12:30	14.555 55556	58.2	20.4205 2983	99.2	8.92	2.902	78.9	21.53746224	
3/31/2003 13:00	14.888 88889	58.8	20.5883 9884	99.3	8.85	3.275	81.1	20.43700906	
3/31/2003 13:30	15.361 11111	59.65	21.9900 0585	98.7	8.64	3.523	97	20.93655589	
3/31/2003 14:00	15.783	60.41	23.0931	99.1	8.55	3.602	25.7	11.03610272	

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
	33333		2785						
3/31/2003 14:30	15.85	60.53	23.2875 2886	99.2	8.53	3.529	24.2	11.43564955	
3/31/2003 15:00	15.85	60.53	21.3859 0186	99.3	8.64	3.384	44.9	13.93519637	
3/31/2003 15:30	15.983 33333	60.77	20.5521 8787	101.5	8.86	3.2	17.7	11.9347432	
3/31/2003 16:00	16.016 66667	60.83	20.9920 0988	101.4	8.82	2.962	47.1	15.93429003	
3/31/2003 16:30	16.055 55556	60.9	20.0720 6688	102.1	8.92	2.746	42.7	16.53383686	
3/31/2003 17:00	15.961 11111	60.73	19.4572 4189	102.9	9.04	2.562	44	16.93338369	
3/31/2003 17:30	15.927 77778	60.67	19.3465 2489	103.2	9.09	2.353	36.5	17.13293051	
3/31/2003 18:00	15.9	60.62	19.0500 839	103.2	9.11	2.184	30	15.63247734	
3/31/2003 18:30	15.8	60.44	18.1301 4091	103.1	9.17	2.027	18.6	13.73202417	
3/31/2003 19:00	15.75	60.35	17.6612 4191	103	9.2	1.914	14.8	14.331571	
3/31/2003 19:30	15.633 33333	60.14	17.0132 5192	103.6	9.31	1.823	12.5	15.23111782	
3/31/2003 20:00	15.511 11111	59.92	17.0484 6092	103.7	9.34	1.815	12.3	15.63066465	
3/31/2003 20:30	15.477 77778	59.86	17.3688 8893	101.7	9.15	1.926	12.4	14.83021148	
3/31/2003 21:00	15.3	59.54	18.3260 8494	100	8.97	2.139	11.9	13.42975831	
3/31/2003 21:30	15.1	59.18	18.5204 8594	99	8.91	2.433	12.3	13.32930514	
3/31/2003 22:00	15.044 44444	59.08	19.2256 2795	97	8.7	2.752	12.9	12.32885196	
3/31/2003 22:30	14.933 33333	58.88	20.0766 9595	97.1	8.68	3.109	14.7	11.72839879	
3/31/2003 23:00	14.85	58.73	20.4568 2096	96.7	8.64	3.487	13.6	11.22794562	
3/31/2003 23:30	14.85	58.73	20.6114 2397	96.6	8.62	3.891	14.5	10.62749245	