

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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Indian River-- November 2003									
11/1/2003 0:16	23.74	74.732	29.3574	88.686724	6.3258008	1.103	14.513725	7.041254858	
11/1/2003 0:46	23.73	74.714	29.6286	83.575925	5.9678178	1.111	12.742775	6.241444973	
11/1/2003 1:16	23.72	74.696	30.0545	85.465127	6.0872429	1.119	12.681824	6.141635087	
11/1/2003 1:45	23.68	74.624	29.7193	87.754334	6.2577831	1.125	30.690874	6.741825095	
11/1/2003 2:15	23.65	74.57	29.3566	85.243536	6.0978408	1.128	18.539923	7.442015209	
11/1/2003 2:45	23.57	74.426	29.1863	81.532737	5.8550732	1.13	25.378973	9.442205323	
11/1/2003 3:16	23.6	74.48	29.9978	83.821933	5.9876079	1.128	20.488022	7.742395543	
11/1/2003 3:46	23.63	74.534	30.4796	84.011134	5.9845977	1.125	18.417071	7.742585657	
11/1/2003 4:16	23.65	74.57	30.2904	87.100336	6.2002818	1.127	22.566121	7.442775771	
11/1/2003 4:46	23.62	74.516	30.7207	86.889537	6.1770888	1.118	16.705170	6.142965885	
11/1/2003 5:15	23.58	74.444	30.7261	86.778745	6.1732791	1.112	15.484220	6.743155894	
11/1/2003 5:45	23.54	74.372	31.3524	85.067946	6.0425626	1.109	12.613269	6.243346008	
11/1/2003 6:44	23.38	74.084	30.6212	82.946847	5.9322882	1.096	74.501412	9.943717469	
11/1/2003 6:45	23.38	74.084	30.9617	82.446349	5.8886254	1.097	21.341368	7.643726236	
11/1/2003 7:16	23.24	73.832	30.6839	82.135545	5.8886301	1.092	22.380417	7.143916455	
11/1/2003 7:46	23.16	73.688	30.6363	80.524746	5.7870166	1.087	16.699467	6.844106569	
11/1/2003 8:16	23.12	73.616	30.6301	80.613948	5.7972813	1.079	14.198516	6.244296684	
11/1/2003 8:46	23.09	73.562	30.5760	80.203149	5.7734550	1.07	54.907566	5.744486798	
11/1/2003 9:15	23.08	73.544	30.4231	79.092357	5.7021655	1.07	13.946615	5.144676806	
11/1/2003 9:45	23.13	73.634	30.3371	85.481558	6.1391250	1.071	14.195665	6.44486692	
11/1/2003 10:15	23.22	73.796	30.3476	86.870844	6.2255127	1.057	13.644722	6.945055556	
11/1/2003 10:45	23.2	73.76	31.0415	86.459961	6.1804204	1.059	9.0637642	4.945247148	
11/1/2003 11:16	23.35	74.03	30.8065	89.649157	6.3913539	1.069	12.112813	5.545437368	
11/1/2003 11:46	23.63	74.534	30.7546	93.038359	6.5982185	1.088	10.401862	6.145627482	
11/1/2003 12:44	23.95	75.11	30.8301	102.01726	7.1822397	1.105	6.6800052	5.445998944	
11/1/2003 12:46	23.96	75.128	30.0850	102.01676	7.2014085	1.107	7.1699614	5.34600771	
11/1/2003 13:16	24.05	75.29	30.2117	101.90596	7.1814418	1.115	5.9490108	5.546197824	
11/1/2003 13:46	24.19	75.542	30.1024	103.69516	7.2936411	1.12	6.3680603	5.646387938	
11/1/2003 14:15	24.28	75.704	30.4157	99.084372	6.9590171	1.131	16.507110	5.646577947	
11/1/2003 14:45	24.33	75.794	30.2788	95.373574	6.7024742	1.147	7.7761596	6.246768061	
11/1/2003 15:16	24.34	75.812	30.0969	95.362769	6.7056711	1.165	8.8152085	6.746958281	
11/1/2003 15:46	24.37	75.866	29.5795	95.051971	6.6953406	1.181	9.7842580	6.747148395	
11/1/2003 16:16	24.55	76.19	29.0490	99.341172	6.9869944	1.195	8.8133074	6.447338509	
11/1/2003 16:46	24.56	76.208	29.5693	99.130374	6.9574011	1.209	10.032356	6.147528623	
11/1/2003 17:16	24.57	76.226	29.3772	101.81957	7.1466339	1.219	6.7914063	4.747718737	
11/1/2003 17:45	24.51	76.118	29.1568	98.808783	6.9514047	1.229	9.1104562	5.147908745	
11/1/2003 18:15	24.48	76.064	29.1513	98.297984	6.9193798	1.224	10.269505	5.848098859	
11/1/2003 18:46	24.44	75.992	29.4407	95.487180	6.7221144	1.213	687.75855	6.148289079	
11/1/2003 19:16	24.41	75.938	30.2413	99.076381	6.9503246	1.2	5.3276040	5.948479193	
11/1/2003 19:46	24.37	75.866	30.3941	96.765583	6.7911595	1.196	6.4266534	6.148669307	
11/1/2003 20:16	24.36	75.848	30.5194	94.654784	6.6435321	1.193	6.7257028	5.448859421	
11/1/2003 20:46	24.38	75.884	29.0899	94.443986	6.6657897	1.188	9.5347523	6.549049535	
11/1/2003 21:44	24.27	75.686	30.9112	93.922887	6.5914701	1.164	10.202895	6.249420997	

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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11/1/2003 22:14	24.22	75.596	30.8709	91.412088	6.4247698	1.155	8.1919444	5.349611111	
11/1/2003 22:16	24.22	75.596	30.8650	91.511590	6.4317743	1.155	7.7019006	4.949619877	
11/1/2003 22:46	24.18	75.524	30.8044	88.100792	6.2027151	1.142	8.2509500	5.249809992	
11/1/2003 23:16	24.14	75.452	30.7437	86.989994	6.1318959	1.134	8.7299994	4.650000106	
11/1/2003 23:46	24.07	75.326	30.0651	88.979195	6.2940743	1.13	9.5890489	5.45019022	
11/2/2003 0:15	24.02	75.236	29.7720	91.368403	6.4713431	1.119	10.498098	5.050380228	
11/2/2003 0:45	24	75.2	29.9997	88.057604	6.2393709	1.118	7.0871482	4.950570342	
11/2/2003 1:16	23.98	75.164	30.2861	89.046800	6.3016442	1.124	6.7761971	4.750760562	
11/2/2003 1:46	23.96	75.128	30.8849	89.936001	6.3485755	1.126	9.8252466	5.150950676	
11/2/2003 2:16	23.93	75.074	31.3587	87.425191	6.1659609	1.133	213.44429	4.351141001	
11/2/2003 2:46	23.93	75.074	30.8173	87.714404	6.2005307	1.143	8.2433454	5.151330904	
11/2/2003 3:15	23.87	74.966	30.2505	87.203612	6.1866888	1.155	17.332395	6.451520913	
11/2/2003 3:45	23.86	74.948	30.0475	82.392813	5.8621968	1.135	21.181444	6.751711027	
11/2/2003 4:15	23.92	75.056	30.5315	78.582015	5.5809576	1.137	10.430494	4.651901141	
11/2/2003 4:46	23.86	74.948	30.6059	86.871210	6.1551775	1.143	8.6595431	5.35209136	
11/2/2003 5:16	23.85	74.93	30.5090	81.160412	5.7658922	1.142	10.678592	4.852281474	
11/2/2003 5:46	23.84	74.912	29.9625	80.049613	5.7052689	1.146	9.4576420	4.952471589	
11/2/2003 6:16	23.82	74.876	30.4879	82.938815	5.8917879	1.152	13.726691	4.952661703	
11/2/2003 6:45	23.79	74.822	29.8317	75.928022	5.4301967	1.141	8.8457414	4.552851711	
11/2/2003 7:44	23.71	74.678	29.9341	78.806923	5.6334096	1.121	51.683884	4.853223173	
11/2/2003 7:45	23.7	74.66	30.2326	79.106425	5.6469182	1.119	14.633840	5.053231939	
11/2/2003 8:15	23.63	74.534	29.9816	79.095627	5.6599052	1.114	20.312889	4.753422053	
11/2/2003 8:46	23.56	74.408	29.9130	75.284822	5.4065120	1.106	7.1919386	4.953612273	
11/2/2003 9:16	23.53	74.354	29.5256	73.574024	5.3022788	1.1	7.0109880	5.253802387	
11/2/2003 9:46	23.53	74.354	28.8694	76.263225	5.5050772	1.087	6.6400374	5.253992501	
11/2/2003 10:44	23.65	74.57	28.2013	77.442126	5.5924106	1.073	5.5381801	4.754363963	
11/2/2003 10:46	23.66	74.588	28.1773	76.541628	5.5301172	1.073	5.5381363	4.954372729	
11/2/2003 11:44	23.82	74.876	29.6937	83.420529	5.9464531	1.064	5.4762790	3.854744191	
11/2/2003 11:46	23.83	74.894	29.3007	85.120032	6.0730371	1.065	21.896235	4.054752957	
11/2/2003 12:16	23.95	75.11	29.9931	88.909233	6.3030897	1.066	4.1952846	3.454943071	
11/2/2003 12:45	24.12	75.416	29.5534	87.298441	6.1873538	1.078	4.2543346	4.15513308	
11/2/2003 13:15	24.29	75.722	29.7723	92.787642	6.5422478	1.083	3.8833840	3.755323194	
11/2/2003 13:46	24.42	75.956	29.2861	93.176838	6.5693306	1.096	4.4324329	3.555513414	
11/2/2003 14:16	24.5	76.1	29.5407	96.766039	6.8014503	1.115	63.451482	4.055703528	
11/2/2003 14:46	24.61	76.298	28.4386	91.555241	6.4619222	1.126	7.4805317	3.855893642	
11/2/2003 15:16	24.76	76.568	30.1833	93.844442	6.5572884	1.139	4.8595812	4.156083756	
11/2/2003 15:45	24.83	76.694	29.0188	94.533650	6.6293332	1.158	6.4486311	6.156273764	
11/2/2003 16:15	24.99	76.982	29.2908	99.022851	6.9149805	1.169	5.0376806	3.556463878	
11/2/2003 16:46	25.09	77.162	28.7145	95.912047	6.7066737	1.18	6.4467295	4.156654098	
11/2/2003 17:16	25.12	77.216	29.0395	99.001248	6.9074343	1.192	8.8257789	4.456844212	
11/2/2003 17:46	25.22	77.396	28.6680	100.19045	6.9894181	1.205	30.614828	4.957034326	
11/2/2003 18:16	25.13	77.234	29.6262	99.979651	6.9578578	1.219	427.70387	4.65722444	
11/2/2003 18:46	25.03	77.054	28.4756	97.268853	6.8124383	1.227	8.2129272	5.757414554	
11/2/2003 19:15	24.98	76.964	29.7649	97.358060	6.7885843	1.231	6.8019771	4.957604563	
11/2/2003 19:45	24.8	76.64	29.0478	98.447262	6.9007758	1.232	9.0610266	6.557794677	
11/2/2003 20:16	24.76	76.568	29.3931	98.836457	6.9221550	1.211	12.910075	7.157984896	
11/2/2003 20:46	24.79	76.622	30.0651	97.925659	6.8383086	1.214	13.389124	6.958175011	
11/2/2003 21:16	24.77	76.586	29.6414	96.914848	6.7822286	1.209	13.208173	5.658365336	
11/2/2003 21:45	24.69	76.442	30.0172	96.004068	6.7173029	1.203	17.297224	7.358555133	
11/2/2003 22:16	24.62	76.316	29.8745	94.793263	6.6447971	1.19	18.766273	7.158745353	

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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11/2/2003 23:14	24.53	76.154	29.5237	93.172164	6.5516803	1.187	21.994415	7.859116815	
11/2/2003 23:16	24.53	76.154	29.5186	93.271667	6.5586652	1.188	25.594372	7.759125581	
11/2/2003 23:46	24.48	76.064	29.6584	92.960868	6.5384443	1.184	24.493421	8.259315695	
11/3/2003 0:44	24.38	75.884	29.4166	91.139769	6.4296056	1.181	35.231564	9.259687157	
11/3/2003 1:14	24.43	75.974	29.6573	91.328971	6.4311491	1.201	41.700613	9.459877271	
11/3/2003 1:16	24.43	75.974	29.6507	91.728473	6.4588134	1.21	39.020569	9.459886037	
11/3/2003 1:46	24.63	76.334	30.7164	93.217674	6.5125904	1.216	31.209619	7.560076151	
11/3/2003 2:16	24.66	76.388	30.8547	93.306876	6.5120089	1.234	33.038668	8.060266265	
11/3/2003 2:45	24.68	76.424	30.8384	90.796083	6.3377295	1.253	45.847718	8.760456274	
11/3/2003 3:15	24.67	76.406	31.3049	90.485285	6.3046926	1.254	34.806768	7.660646388	
11/3/2003 3:45	24.61	76.298	32.3939	90.474486	6.2803799	1.259	31.875817	9.560836502	
11/3/2003 4:44	24.54	76.172	33.1760	90.253381	6.2509019	1.251	40.903959	7.861208069	
11/3/2003 4:45	24.53	76.154	33.1919	89.952889	6.2307865	1.254	39.253916	7.36121673	
11/3/2003 5:16	24.5	76.1	33.4159	90.442085	6.2613423	1.244	28.572965	7.66140695	
11/3/2003 6:14	24.44	75.992	33.2518	86.820986	6.0225978	1.252	26.681107	6.661778411	
11/3/2003 6:16	24.44	75.992	33.3919	86.820488	6.0187667	1.249	25.341064	6.561787178	
11/3/2003 6:46	24.41	75.938	33.2841	85.809689	5.9551166	1.255	23.080113	6.161977292	
11/3/2003 7:16	24.35	75.83	33.1297	84.898891	5.9025761	1.246	22.899162	5.962167406	
11/3/2003 7:46	24.26	75.668	32.5927	79.988092	5.5881770	1.235	19.048212	6.26235752	
11/3/2003 8:15	24.16	75.488	32.2793	78.077300	5.4751068	1.228	22.827262	6.262547529	
11/3/2003 9:14	24.18	75.524	30.7594	78.756201	5.5610249	1.196	15.685405	6.06291899	
11/3/2003 9:44	24.22	75.596	30.3553	80.145402	5.6635943	1.184	17.154454	7.163109104	
11/3/2003 10:14	24.29	75.722	29.9816	81.334598	5.7486067	1.163	22.953503	8.663299324	
11/3/2003 10:44	24.36	75.848	29.5521	81.523799	5.7663349	1.139	30.882552	11.46348944	
11/3/2003 10:46	24.37	75.866	29.5193	81.323301	5.7524377	1.137	34.732508	11.1634982	
11/3/2003 11:16	24.51	76.118	29.5001	83.512503	5.8897167	1.122	33.871558	10.36368832	
11/3/2003 11:45	24.65	76.37	29.7604	84.201711	5.9162192	1.108	34.300608	10.16387833	
11/3/2003 12:15	24.83	76.694	29.6823	84.490912	5.9204123	1.097	24.659657	9.464068441	
11/3/2003 12:45	24.96	76.928	29.6740	84.380114	5.9001461	1.085	29.108707	9.164258555	
11/3/2003 13:16	25.2	77.36	29.9641	86.669309	6.0260210	1.067	18.857756	8.064448775	
11/3/2003 13:46	25.35	77.63	30.3057	83.858511	5.8085291	1.07	21.046805	6.964638889	
11/3/2003 14:16	25.53	77.954	30.3998	85.147712	5.8768580	1.082	13.665854	6.364829003	
11/3/2003 14:46	25.68	78.224	30.9680	85.436914	5.8665058	1.087	12.874904	6.665019117	
11/3/2003 15:15	25.86	78.548	30.9967	93.426121	6.3975663	1.091	9.0839543	6.765209125	
11/3/2003 15:45	26.02	78.836	29.8467	93.215323	6.3983871	1.106	117.11300	6.36539924	
11/3/2003 16:16	25.99	78.782	29.4898	93.104518	6.4034069	1.116	7.0120527	6.865589459	
11/3/2003 16:46	25.92	78.656	29.7319	98.293720	6.7607911	1.127	5.9711021	5.165779573	
11/3/2003 17:16	26.06	78.908	30.4570	91.582921	6.2655781	1.131	11.460151	4.365969687	
11/3/2003 17:46	26.16	79.088	30.4748	90.572123	6.1856534	1.143	3.5892009	4.166159801	
11/3/2003 18:15	26.26	79.268	30.4752	99.561330	6.7942015	1.148	2.3082509	3.06634981	
11/3/2003 18:45	26.16	79.088	30.8284	101.45053	6.9245046	1.156	1.9373003	2.966539924	
11/3/2003 19:15	26.19	79.142	30.7002	90.439733	6.1674656	1.161	4.0763498	3.566730038	
11/3/2003 19:46	26.24	79.232	30.5670	100.82892	6.8809040	1.164	3.1553987	2.566920258	
11/3/2003 20:16	26.15	79.07	30.4533	98.318130	6.7201514	1.157	6.1444481	5.167110372	
11/3/2003 20:46	26.25	79.25	29.9497	97.007332	6.6337169	1.147	4.4334975	4.567300486	
11/3/2003 21:16	26.11	78.998	30.8425	88.796533	6.0584778	1.123	6.812547	6.8674906	
11/3/2003 21:45	25.67	78.206	29.4558	84.285741	5.8292747	1.112	7.4815969	7.867680608	
11/3/2003 22:15	25.48	77.864	30.4896	81.474942	5.6266877	1.097	7.6106463	6.467870722	
11/3/2003 22:46	25.56	78.008	30.3672	83.164138	5.7383008	1.092	5.7096952	5.168060942	
11/3/2003 23:16	25.6	78.08	30.2673	84.053340	5.7982243	1.081	4.8587447	6.368251056	

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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11/3/2003 23:46	25.58	78.044	29.7898	84.842541	5.8674414	1.075	5.8977941	5.86844117	
11/4/2003 0:16	25.54	77.972	30.2745	82.331743	5.6855225	1.071	5.5868435	6.268631284	
11/4/2003 0:45	25.52	77.936	29.2074	80.620950	5.5987201	1.063	5.0358935	6.768821293	
11/4/2003 1:44	25.49	77.882	30.1878	71.899851	4.9751099	1.064	17.364036	4.569192755	
11/4/2003 1:45	25.49	77.882	30.1834	72.099353	4.9889551	1.062	4.5539923	4.469201521	
11/4/2003 2:15	25.47	77.846	28.3537	68.788555	4.8127364	1.074	5.3430418	5.669391635	
11/4/2003 2:46	25.44	77.792	30.1339	55.177750	3.8310379	1.088	3.4520907	4.769581855	
11/4/2003 3:16	25.44	77.792	29.0101	56.966952	3.9845902	1.092	3.2011401	5.169771969	
11/4/2003 3:46	25.44	77.792	30.1506	53.356153	3.7052602	1.102	3.5701895	4.069962083	
11/4/2003 4:16	25.42	77.756	29.5163	70.545355	4.9070482	1.113	7.9592390	4.870152197	
11/4/2003 4:45	25.43	77.774	29.1528	65.134652	4.5436519	1.125	5.2782968	4.170340621	
11/4/2003 5:15	25.41	77.738	30.2330	57.623764	3.9996094	1.133	5.5173384	4.770532319	
11/4/2003 5:45	25.39	77.702	30.2508	54.112965	3.7595647	1.143	26.816387	4.670722433	
11/4/2003 6:15	25.37	77.666	30.2765	46.602167	3.2441035	1.155	8.2654372	4.370912548	
11/4/2003 6:46	25.38	77.684	30.3226	25.491362	1.7894409	1.162	11.074486	5.071102767	
11/4/2003 7:44	25.42	77.756	30.2115	27.470263	1.9246398	1.18	8.5026288	4.471474229	
11/4/2003 7:46	25.43	77.774	30.0931	25.769765	1.8098648	1.18	723.04258	4.271482995	
11/4/2003 8:16	25.46	77.828	30.7274	8.5589673	0.6056017	1.186	4.3516344	3.571673109	
11/4/2003 8:46	25.47	77.846	31.2340	2.5481689	0.1773424	1.185	51.960683	2.471863223	
11/4/2003 9:16	25.44	77.792	31.4936	39.537370	2.7181343	1.173	5.3297333	3.172053338	
11/4/2003 9:45	25.39	77.702	30.1693	52.726577	3.6663887	1.166	2.8287832	3.172243346	
11/4/2003 10:44	25.54	77.972	30.7314	52.205478	3.6004542	1.158	3.8569259	2.472614808	
11/4/2003 11:14	25.57	78.026	31.3374	50.694680	3.4771187	1.145	20.885975	3.572804922	
11/4/2003 11:15	25.57	78.026	31.2582	50.494182	3.4654709	1.145	3.4359315	3.372813688	
11/4/2003 11:45	25.6	78.08	32.1779	45.183384	3.0721936	1.132	15.214980	2.473003802	
11/4/2003 12:15	25.61	78.098	32.2611	38.472585	2.6072477	1.118	44.634030	4.073193916	
11/4/2003 12:46	25.65	78.17	32.2810	34.261781	2.3130436	1.097	2.5130793	2.973384136	
11/4/2003 13:16	25.64	78.152	32.3511	47.750982	3.2401920	1.08	4.7121287	4.07357425	
11/4/2003 13:46	25.66	78.188	32.4095	45.540184	3.0845252	1.073	2.6311781	2.773764364	
11/4/2003 14:16	25.66	78.188	32.4912	57.229385	3.8865287	1.064	3.4902276	3.973954478	
11/4/2003 14:45	25.69	78.242	32.5097	47.518593	3.2149547	1.065	8.1292775	3.674144487	
11/4/2003 15:15	25.71	78.278	32.5732	48.907794	3.3068302	1.075	1.8383269	2.174334601	
11/4/2003 15:46	25.71	78.278	32.6665	49.796990	3.3654784	1.081	3.6673758	4.37452482	
11/4/2003 16:16	25.85	78.53	32.4265	57.186191	3.8665001	1.089	3.6664253	6.174714935	
11/4/2003 16:46	25.96	78.728	32.1596	67.375393	4.5638600	1.101	2.6854747	3.674905049	
11/4/2003 17:16	25.87	78.566	32.3444	67.364594	4.5670189	1.113	147.03452	4.475095163	
11/4/2003 17:45	25.88	78.584	32.4610	78.953802	5.3602081	1.122	2.8135741	4.175285171	
11/4/2003 18:15	25.91	78.638	32.3422	80.243003	5.4491533	1.131	1.7126235	3.075475285	
11/4/2003 18:46	25.91	78.638	32.3070	75.632199	5.1328849	1.146	5.6116724	4.575665505	
11/4/2003 19:16	25.89	78.602	32.2906	79.521400	5.4028851	1.155	1.7107219	3.575855619	
11/4/2003 19:46	25.88	78.584	32.2939	71.510602	4.8526441	1.158	1.8897713	3.276045733	
11/4/2003 20:16	25.87	78.566	30.9290	68.799803	4.7041201	1.167	2.7488207	3.576235847	
11/4/2003 20:45	25.85	78.53	32.3527	61.489011	4.1645353	1.171	1.2778707	3.176425856	
11/4/2003 21:16	25.85	78.53	32.3174	70.078188	4.7564257	1.166	1.5869180	2.676616392	
11/4/2003 21:46	25.97	78.746	31.8574	67.867408	4.6049117	1.151	1.2159690	3.076806189	
11/4/2003 22:15	26.09	78.962	31.3944	75.356615	5.1208355	1.134	3.2850190	5.876996198	
11/4/2003 22:45	26.07	78.926	31.3396	68.345817	4.6419589	1.122	2.1240684	3.577186312	
11/4/2003 23:16	26.07	78.926	30.7691	64.835013	4.4158746	1.112	2.2531173	3.177376531	
11/4/2003 23:46	25.97	78.746	30.4332	70.824214	4.8469341	1.096	4.8121667	6.377566646	
11/5/2003 0:16	25.96	78.728	30.0204	70.613416	4.8446096	1.079	4.9312162	6.27775676	

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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11/5/2003 1:14	25.8	78.44	29.0988	72.992317	5.0490914	1.065	8.9593588	7.878128221	
11/5/2003 1:16	25.79	78.422	29.1155	73.891819	5.1115159	1.064	9.4493150	8.078136988	
11/5/2003 1:46	25.75	78.35	28.4339	69.781020	4.8511231	1.06	7.4983644	7.678327102	
11/5/2003 2:15	25.72	78.296	29.1423	68.570228	4.7515931	1.052	7.6774144	7.47851711	
11/5/2003 2:45	25.72	78.296	27.7462	66.559429	4.6510854	1.059	8.2864638	7.178707224	
11/5/2003 3:15	25.7	78.26	28.4103	52.748631	3.6848855	1.072	6.0255133	4.978897338	
11/5/2003 3:46	25.71	78.278	29.0439	45.637826	3.1775018	1.096	5.2945622	5.179087558	
11/5/2003 4:16	25.74	78.332	28.4299	36.827028	2.5849887	1.111	3.4036116	4.479277672	
11/5/2003 4:46	25.76	78.368	28.6946	21.316229	1.5086928	1.118	2.6026610	3.379467786	
11/5/2003 5:16	25.79	78.422	28.5518	24.605431	1.7358874	1.129	5.7817104	8.2796579	
11/5/2003 5:45	25.81	78.458	29.6713	27.294638	1.8885885	1.138	1.5707604	2.679847909	
11/5/2003 6:15	25.82	78.476	28.7595	20.283840	1.4299643	1.155	10.169809	5.080038023	
11/5/2003 6:46	25.81	78.458	30.2253	40.173035	2.7596072	1.166	5.8388587	3.980228243	
11/5/2003 7:16	25.78	78.404	28.2613	35.662237	2.5054593	1.19	9.6179082	6.380418357	
11/5/2003 7:46	25.76	78.368	28.5122	53.351438	3.7176573	1.199	7.7269576	3.780608471	
11/5/2003 8:16	25.75	78.35	29.5060	52.940640	3.6634527	1.213	3.9460070	3.180798585	
11/5/2003 8:45	25.75	78.35	30.7162	51.329847	3.5198338	1.236	3.8750570	3.980988593	
11/5/2003 9:44	25.69	78.242	28.2914	61.708748	4.3055533	1.191	14.133199	4.781360055	
11/5/2003 9:45	25.69	78.242	30.3589	65.408250	4.5040514	1.192	6.1331558	7.181368821	
11/5/2003 10:16	25.63	78.134	29.6010	63.197434	4.3784237	1.19	5.7722037	5.281559252	
11/5/2003 10:46	25.52	77.936	28.8643	63.286647	4.4154174	1.181	6.7412542	5.781749155	
11/5/2003 11:16	25.49	77.882	27.6933	63.975849	4.4975389	1.169	5.8903036	5.981939269	
11/5/2003 11:46	25.51	77.918	28.0088	72.365051	5.0641854	1.146	14.679353	6.282129383	
11/5/2003 12:16	25.58	78.044	28.1421	70.754252	4.9428216	1.133	11.318402	18.6823195	
11/5/2003 12:45	25.74	78.332	27.4445	75.743460	5.2891421	1.126	7.8374524	7.682509506	
11/5/2003 13:15	25.78	78.404	28.3047	77.632661	5.3918486	1.109	55.816501	8.08269962	
11/5/2003 13:46	25.84	78.512	28.0465	77.421857	5.3784020	1.094	9.2455508	8.482889839	
11/5/2003 14:16	25.87	78.566	28.1100	80.011058	5.5518474	1.093	30.174600	8.183079954	
11/5/2003 14:46	25.9	78.62	27.7988	65.800260	4.5796078	1.086	2.8336496	6.183270068	
11/5/2003 15:16	25.95	78.71	27.0352	69.689461	4.8629288	1.082	7.1626990	6.383460182	
11/5/2003 15:45	26	78.8	27.5650	73.278669	5.0905601	1.082	4.4117490	7.28365019	
11/5/2003 16:15	25.87	78.566	28.4680	39.067870	2.7252555	1.084	4.2907984	4.483840304	
11/5/2003 16:45	25.81	78.458	30.5976	39.657072	2.7140213	1.096	2.8898479	4.284030418	
11/5/2003 17:16	25.77	78.386	30.6640	43.846267	3.0043977	1.115	4.2888968	4.584220638	
11/5/2003 17:46	25.76	78.368	30.5373	41.935469	2.8773593	1.129	5.9379462	4.984410752	
11/5/2003 18:16	25.76	78.368	31.0525	39.424670	2.6906538	1.137	3.1269956	5.884600866	
11/5/2003 18:46	25.77	78.386	30.7798	46.813872	3.2054311	1.157	5.5660450	6.18479098	
11/5/2003 19:44	25.8	78.44	31.1066	32.192779	2.1876733	1.177	30.834188	3.785162336	
11/5/2003 19:46	25.81	78.458	31.1094	31.192275	2.1177713	1.177	3.1841439	3.585171208	
11/5/2003 20:15	25.81	78.458	31.1425	22.781482	1.5382138	1.181	96.023193	3.385361217	
11/5/2003 20:45	25.83	78.494	31.1043	32.570684	2.2107645	1.188	3.0622433	5.085551331	
11/5/2003 21:16	25.84	78.512	31.1642	43.259879	2.9435679	1.189	12.701292	4.88574155	
11/5/2003 21:46	25.84	78.512	30.8153	54.349081	3.7159617	1.174	393.44034	5.885931665	
11/5/2003 22:44	25.81	78.458	28.3128	58.227982	4.0536168	1.149	12.028484	4.986303126	
11/5/2003 22:46	25.81	78.458	28.2220	58.727484	4.0904440	1.149	3.3684405	4.986311893	
11/5/2003 23:16	25.82	78.476	28.7554	29.616686	2.0721765	1.141	1.7774899	3.086502007	
11/5/2003 23:46	25.82	78.476	29.3309	12.705887	0.8931175	1.138	4.5865393	4.786692121	
11/6/2003 0:15	25.82	78.476	30.4452	2.9950950	0.1948164	1.132	2.0755893	3.586882129	
11/6/2003 0:45	25.82	78.476	30.5901	-	-	1.132	2.4446387	1.487072243	
				2.3157034	0.1744922				

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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11/6/2003 1:44	25.8	78.44	30.9851	24.563197	1.6660496	1.121	11.232781	4.487443705	
11/6/2003 1:45	25.8	78.44	30.8282	20.562699	1.3950676	1.121	3.6627376	3.987452471	
11/6/2003 2:16	25.79	78.422	30.4705	15.351895	1.0472471	1.121	15.441786	2.487642691	
11/6/2003 3:14	25.78	78.404	29.0625	23.430796	1.6422245	1.117	2.6199292	2.588014153	
11/6/2003 3:16	25.78	78.404	29.0399	23.730298	1.6634417	1.118	3.0498854	2.688022919	
11/6/2003 3:46	25.78	78.404	30.4462	28.919499	1.9823488	1.121	2.6889348	2.688213033	
11/6/2003 4:16	25.78	78.404	30.7966	29.808701	2.0340307	1.127	3.0479842	2.888403147	
11/6/2003 4:46	25.77	78.386	30.6698	26.697902	1.8244323	1.144	5.6770336	6.288593262	
11/6/2003 5:15	25.75	78.35	31.0507	32.387110	2.2075080	1.158	6.3460836	3.58878327	
11/6/2003 5:45	25.74	78.332	30.8927	30.776311	2.1019559	1.174	5.3651330	3.488973384	
11/6/2003 6:16	25.74	78.332	29.1487	29.565507	2.0659146	1.194	38.084181	3.389163604	
11/6/2003 6:46	25.73	78.314	29.3539	25.454708	1.7785224	1.208	4.2032314	9.589353718	
11/6/2003 7:16	25.73	78.314	30.7660	26.343910	1.8014321	1.221	4.8722808	3.089543832	
11/6/2003 7:46	25.73	78.314	30.7053	15.533111	1.0592929	1.229	4.7513302	3.789733946	
11/6/2003 8:15	25.73	78.314	30.3977	11.222319	0.7710452	1.242	5.2403802	3.589923954	
11/6/2003 8:45	25.72	78.296	30.5099	11.611520	0.7957721	1.246	5.1794296	3.390114068	
11/6/2003 9:16	25.72	78.296	30.5589	17.200716	1.1789808	1.249	9.1384785	2.690304288	
11/6/2003 9:46	25.73	78.314	30.5411	26.089917	1.7900505	1.252	35.447527	3.290494402	
11/6/2003 10:16	25.74	78.332	29.4972	30.979119	2.1537280	1.238	62.786577	3.490684516	
11/6/2003 10:45	25.75	78.35	30.3646	36.168416	2.4862540	1.23	4.4456352	3.49087294	
11/6/2003 11:16	25.76	78.368	29.8988	39.957504	2.7585787	1.227	2.4246746	3.591065061	
11/6/2003 11:45	25.74	78.332	30.4162	44.846730	3.0829157	1.219	2.4237262	2.891254753	
11/6/2003 12:15	25.75	78.35	29.7252	39.635931	2.7421487	1.21	21.162775	2.491444867	
11/6/2003 12:45	25.79	78.422	30.9927	28.825223	1.9600607	1.199	2.9718330	2.491633397	
11/6/2003 13:16	25.81	78.458	30.5240	26.214316	1.7911545	1.192	22.320872	2.491825412	
11/6/2003 13:46	25.82	78.476	30.1380	21.803530	1.4971627	1.175	15.299923	2.792015315	
11/6/2003 14:16	25.83	78.494	30.2305	26.692731	1.8300409	1.157	2.5389728	2.392205429	
11/6/2003 14:46	25.86	78.548	30.3282	16.381933	1.1150415	1.146	1.6880222	2.092395543	
11/6/2003 15:16	25.88	78.584	31.2210	29.971134	2.0238024	1.132	19.687071	2.492585657	
11/6/2003 15:45	25.89	78.602	30.3405	33.660342	2.3004923	1.123	3.3361216	3.392775665	
11/6/2003 16:15	25.92	78.656	30.4120	36.749543	2.5081212	1.114	2.5351711	2.192965779	
11/6/2003 16:46	25.93	78.674	30.5743	22.138739	1.4975098	1.108	4.9142200	2.693155999	
11/6/2003 17:16	25.94	78.692	30.1237	33.127940	2.2647888	1.123	17.003269	2.793346113	
11/6/2003 17:46	25.93	78.674	31.3775	29.017142	1.9489787	1.135	734.65231	4.293536227	
11/6/2003 18:16	25.91	78.638	31.1912	23.406343	1.5699841	1.147	192.41136	2.993726341	
11/6/2003 18:45	25.87	78.566	31.1530	25.295551	1.7049552	1.157	26.090418	3.39391635	
11/6/2003 19:15	25.83	78.494	30.9559	29.884752	2.0299958	1.164	3.0194676	4.394106464	
11/6/2003 19:45	25.79	78.422	31.2009	26.273954	1.7788912	1.166	126.55851	3.694296578	
11/6/2003 20:16	25.73	78.314	30.2354	30.363149	2.0923329	1.167	1.5575660	3.294486798	
11/6/2003 21:14	25.75	78.35	30.0713	12.142050	0.8411884	1.173	18.155708	4.394858259	
11/6/2003 21:16	25.75	78.35	29.4192	11.941552	0.8450682	1.175	10.825664	3.894867026	
11/6/2003 21:45	25.74	78.332	29.9983	11.730838	0.8158664	1.177	3.4447216	4.195055661	
11/6/2003 22:15	25.74	78.332	29.2724	18.320039	1.2888741	1.175	2.4637711	3.095245775	
11/6/2003 22:46	25.68	78.224	30.6271	31.009157	2.1311129	1.179	2.5828131	3.395437368	
11/6/2003 23:16	25.66	78.188	30.5701	42.798359	2.9457353	1.176	2.5818625	3.295627482	
11/6/2003 23:46	25.7	78.26	30.5966	32.687560	2.2454344	1.168	1.7309120	25.3958176	
11/7/2003 0:15	25.58	78.044	30.0886	40.476768	2.8069785	1.158	2.8899619	3.496007605	
11/7/2003 1:14	25.68	78.224	29.6159	15.855669	1.1159580	1.146	39.688104	2.996379066	
11/7/2003 1:15	25.68	78.224	29.5970	15.555171	1.0957968	1.145	38.588060	3.196387833	
11/7/2003 1:45	25.69	78.242	30.6982	13.044372	0.8922195	1.137	7.9571102	2.596577947	

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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11/7/2003 2:16	25.67	78.206	30.7915	12.533568	0.8565277	1.128	24.556159	2.596768166	
11/7/2003 2:46	25.67	78.206	29.6408	2.7227696	0.2127282	1.122	2.2752085	2.496958281	
11/7/2003 3:16	25.67	78.206	30.8140	2.6119711	0.1733126	1.118	2.1542580	2.497148395	
11/7/2003 3:46	25.66	78.188	30.7701	9.6011727	0.6563507	1.113	3.5533074	2.197338509	
11/7/2003 4:16	25.66	78.188	28.9810	7.1903742	0.5389699	1.115	22.962356	17.59752862	
11/7/2003 4:45	25.65	78.17	30.2254	13.479581	0.9389361	1.116	4.9514068	3.797718631	
11/7/2003 5:15	25.63	78.134	30.1320	9.4687832	0.6675024	1.131	3.4304562	2.697908745	
11/7/2003 5:46	25.57	78.026	30.6204	26.357978	1.8221847	1.155	3.4295051	3.198098965	
11/7/2003 6:16	25.39	77.702	29.9381	36.747180	2.5732716	1.172	1.4085546	2.798289079	
11/7/2003 6:46	25.39	77.702	28.7192	36.936381	2.6193219	1.194	2.2676040	2.898479193	
11/7/2003 7:16	25.23	77.414	28.3143	45.625583	3.2439510	1.214	3.4866534	3.698669307	
11/7/2003 7:45	25.36	77.648	28.8099	23.714790	1.7101873	1.228	4.0357034	3.298859316	
11/7/2003 8:15	25.47	77.846	29.4776	23.503992	1.6666990	1.24	10.804752	2.79904943	
11/7/2003 8:46	25.39	77.702	29.0575	27.993187	1.9948610	1.255	3.3638017	6.599239649	
11/7/2003 9:16	25.44	77.792	28.8393	12.482389	0.9286823	1.261	10.742851	2.999429763	
11/7/2003 9:46	25.56	78.008	29.6210	24.671590	1.7342342	1.26	32.411900	3.099619877	
11/7/2003 10:16	25.56	78.008	30.0329	61.75	4.1849491	1.244	0.87	3	New Sonde
11/7/2003 10:46	25.56	78.008	29.7052	54.230265	3.6545733	1.239	0.4995375	2.499768786	
11/7/2003 11:16	25.69	78.242	29.4239	69.910531	4.7810787	1.23	0.0690751	2.299537572	
11/7/2003 11:48	25.79	78.422	29.1197	74.889240	5.1400944	1.226	0.1285762	2.399288118	
11/7/2003 12:16	25.93	78.674	29.1151	79.571063	5.4625591	1.215	0.2581502	3.399075145	
11/7/2003 12:46	26.13	79.034	29.4450	82.351329	5.6293408	1.206	0.5576878	3.898843931	
11/7/2003 13:15	26.32	79.376	29.3483	80.231606	5.4592771	1.19	0.9272256	3.598612845	
11/7/2003 13:45	26.21	79.178	29.3658	86.211872	5.9018145	1.175	0.5567632	4.198381631	
11/7/2003 14:16	26.25	79.25	29.5081	84.792127	5.7899680	1.166	1.1663005	2.798150289	
11/7/2003 14:46	26.54	79.772	29.8073	82.872393	5.6091738	1.158	0.5558381	3.597919075	
11/7/2003 15:16	26.62	79.916	29.8919	86.952658	5.8915978	1.153	0.7353757	3.997687861	
11/7/2003 15:46	26.71	80.078	29.8067	87.132924	5.8978525	1.149	0.5549132	4.397456647	
11/7/2003 16:18	26.72	80.096	29.8855	81.911633	5.5174706	1.147	0.7344143	3.697207193	
11/7/2003 16:46	26.73	80.114	29.9101	86.093456	5.8170026	1.15	1.1639884	4.09699422	
11/7/2003 17:15	26.69	80.042	29.9326	79.273733	5.3288511	1.167	2.0835262	5.596763134	
11/7/2003 17:45	26.7	80.06	29.9187	78.753999	5.2907883	1.186	2.2030638	5.29653192	
11/7/2003 18:16	26.66	79.988	29.8770	77.634254	5.2159160	1.201	1.5326011	4.696300578	
11/7/2003 18:46	26.65	79.97	29.3204	76.614520	5.1635220	1.217	1.5321387	5.296069364	
11/7/2003 19:16	26.62	79.916	29.9155	72.894786	4.8771725	1.228	0.8016763	3.39583815	
11/7/2003 19:46	26.52	79.736	29.4816	75.575052	5.0969424	1.232	1.1612138	3.495606936	
11/7/2003 20:18	26.51	79.718	29.9148	63.153761	4.1868599	1.23	0.7307149	1.895357482	
11/7/2003 20:46	26.48	79.664	29.9830	70.135583	4.6910657	1.229	0.7302890	3.895144509	
11/7/2003 21:15	26.44	79.592	30.0526	64.815860	4.3093697	1.222	0.5498268	2.794913423	
11/7/2003 21:45	26.44	79.592	30.0429	66.996126	4.4669128	1.208	1.5293644	2.894682209	
11/7/2003 22:16	26.41	79.538	30.0119	63.076381	4.1886854	1.201	1.5889017	2.694450867	
11/7/2003 22:46	26.36	79.448	29.6514	64.856647	4.3354707	1.192	1.7084393	2.894219653	
11/7/2003 23:16	26.36	79.448	29.1098	68.236913	4.5986875	1.183	1.4679768	3.793988439	
11/7/2003 23:46	26.35	79.43	29.5445	70.117179	4.7196950	1.173	1.2175144	3.693757225	
11/8/2003 0:15	26.31	79.358	29.6561	66.497456	4.4590541	1.168	5.6770522	2.79352614	
11/8/2003 0:45	26.32	79.376	29.7043	56.377721	3.7265975	1.158	0.6065898	2.893294926	
11/8/2003 1:16	26.29	79.322	29.7154	57.257976	3.7929353	1.149	1.0961271	2.993063584	
11/8/2003 1:46	26.3	79.34	29.7550	50.338242	3.2915068	1.14	0.4856647	2.99283237	
11/8/2003 2:16	26.3	79.34	29.7967	51.018508	3.3390513	1.132	1.2752023	2.392601156	
11/8/2003 2:46	26.29	79.322	29.2258	50.398774	3.3160108	1.125	0.4247398	2.192369942	

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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11/8/2003 3:18	26.26	79.268	29.8395	46.177472	2.9928318	1.121	1.1542407	3.09212036	
11/8/2003 3:46	26.25	79.25	29.8870	51.459306	3.3730329	1.115	1.2138150	2.091907514	
11/8/2003 4:15	26.24	79.232	29.9095	48.939583	3.1916415	1.118	2.5633528	1.991676429	
11/8/2003 4:45	26.23	79.214	29.9476	49.819849	3.2548243	1.131	3.4728904	3.791445215	
11/8/2003 5:16	26.09	78.962	29.8952	57.900104	3.8545572	1.153	14.402427	3.091213873	
11/8/2003 5:46	26.07	78.926	29.8792	59.780369	3.9928814	1.169	2.2519653	3.290982659	
11/8/2003 6:16	26.07	78.926	29.9224	61.360635	4.1052645	1.188	2.4315028	3.290751445	
11/8/2003 6:48	26.07	78.926	29.8728	52.839323	3.4926626	1.213	1.5810034	2.590501734	
11/8/2003 7:16	26.11	78.998	29.5216	53.721167	3.5645270	1.222	65.910578	2.790289017	
11/8/2003 7:48	26.1	78.98	29.1061	54.599854	3.6439265	1.236	2.3700786	2.390039306	
11/8/2003 8:16	26.06	78.908	29.3719	55.481699	3.7023018	1.247	0.4196531	2.38982659	
11/8/2003 8:45	26.08	78.944	28.7689	56.361976	3.7852975	1.261	2.3091910	3.389595504	
11/8/2003 9:15	26.12	79.016	28.7985	61.842242	4.1749984	1.262	1.0887285	2.58936429	
11/8/2003 9:45	26.16	79.088	28.5863	68.322508	4.6455033	1.27	0.7182661	3.289133076	
11/8/2003 10:16	26.24	79.232	28.7679	65.002763	4.3908947	1.262	0.4778034	3.688901734	
11/8/2003 10:46	26.27	79.286	27.8889	77.283028	5.3046759	1.248	0.2973410	3.08867052	
11/8/2003 11:16	26.43	79.574	27.3436	88.163294	6.0913311	1.237	0.8468786	4.788439306	
11/8/2003 11:46	26.58	79.844	27.6942	96.843560	6.6882082	1.231	0.5364161	4.788208092	
11/8/2003 12:15	26.79	80.222	27.0505	99.323837	6.8673174	1.231	0.5359540	5.387977007	
11/8/2003 12:45	26.87	80.366	27.1928	101.10410	6.9818317	1.228	0.4754915	4.187745793	
11/8/2003 13:16	26.91	80.438	27.2125	114.68435	7.9559013	1.228	0.6550289	4.487514451	
11/8/2003 13:46	26.87	80.366	27.8269	118.56462	8.2179087	1.221	1.8745664	4.987283237	
11/8/2003 14:16	26.96	80.528	27.2025	116.64489	8.0921638	1.213	1.0241040	5.287052023	
11/8/2003 14:46	27.07	80.726	27.5994	112.12515	7.7400120	1.203	0.9636416	4.986820809	
11/8/2003 15:15	27.07	80.726	28.1240	104.70543	7.1861652	1.207	0.7131794	4.586589724	
11/8/2003 15:45	27.05	80.69	27.8555	98.185698	6.7279384	1.211	0.7127170	5.08635851	
11/8/2003 16:16	26.91	80.438	27.6412	89.965953	6.1582696	1.206	11.462254	5.786127168	
11/8/2003 16:48	26.98	80.564	28.1544	90.644640	6.1810999	1.202	1.6317549	5.885877457	
11/8/2003 17:16	27.07	80.726	28.0513	92.026485	6.2746293	1.202	13.471329	5.18566474	
11/8/2003 17:46	27.05	80.69	27.8463	77.906751	5.2661574	1.209	0.7108670	5.285433526	
11/8/2003 18:16	27.05	80.69	27.9551	78.987017	5.3401285	1.22	1.3904046	5.785202312	
11/8/2003 18:46	26.96	80.528	28.1302	69.767283	4.6788917	1.229	1.7499421	4.984971098	
11/8/2003 19:15	27.13	80.834	28.0942	78.447560	5.2875056	1.24	1.0194800	5.784740013	
11/8/2003 19:45	27.13	80.834	27.7936	84.927825	5.7655542	1.251	1.3190175	5.484508799	
11/8/2003 20:16	27.1	80.78	27.6128	81.708080	5.5431886	1.258	0.8385549	4.584277457	
11/8/2003 20:46	27.08	80.744	27.6910	71.888346	4.8345537	1.258	1.2580924	5.084046243	
11/8/2003 21:16	27.06	80.708	27.4838	83.968612	5.7151788	1.26	0.8976300	6.283815029	
11/8/2003 21:46	27.01	80.618	27.2281	77.748878	5.2813899	1.253	1.0771676	6.183583815	
11/8/2003 22:15	26.95	80.51	27.0595	77.029155	5.2421093	1.239	0.8967054	5.58335273	
11/8/2003 22:45	26.91	80.438	27.0142	76.209421	5.1889962	1.232	0.7762430	5.583121516	
11/8/2003 23:16	26.91	80.438	27.2941	61.589676	4.1248344	1.221	1.2557803	4.182890173	
11/8/2003 23:46	26.83	80.294	27.5976	64.269942	4.3158761	1.214	1.0753179	4.48265896	
11/9/2003 0:16	26.65	79.97	27.6230	75.550208	5.1478912	1.201	1.8648554	5.382427746	
11/9/2003 0:46	26.63	79.934	27.5798	63.430473	4.2777910	1.189	2.1143930	4.682196532	
11/9/2003 1:15	26.56	79.808	27.5389	68.610750	4.6603946	1.176	1.6239308	4.881965446	
11/9/2003 1:45	26.53	79.754	27.4993	56.291016	3.7768361	1.165	0.8334684	3.981734232	
11/9/2003 2:16	26.51	79.718	27.5068	56.471271	3.7917422	1.158	1.0730057	4.18150289	
11/9/2003 2:46	26.46	79.628	27.5036	53.751537	3.6012143	1.149	0.8925433	3.881271676	
11/9/2003 3:16	26.46	79.628	27.4961	52.831803	3.5351704	1.143	1.5020809	4.281040462	
11/9/2003 3:46	26.45	79.61	27.4894	50.112069	3.3404108	1.136	1.2516184	3.480809249	

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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11/9/2003 4:15	26.44	79.592	27.5169	63.992346	4.3412796	1.133	3.6311563	5.780578163	
11/9/2003 4:45	26.42	79.556	27.5194	53.272612	3.5704762	1.141	1.8006938	4.580346949	
11/9/2003 5:15	26.41	79.538	27.2273	49.852878	3.3355167	1.165	1.4402314	4.180115735	
11/9/2003 5:46	26.36	79.448	26.7620	66.833132	4.5819955	1.189	1.5597687	5.979884393	
11/9/2003 6:16	26.36	79.448	26.8159	58.913398	4.0090435	1.206	1.4393063	4.579653179	
11/9/2003 6:46	26.31	79.358	26.6058	64.593664	4.4316014	1.228	1.3788439	5.379421965	
11/9/2003 7:18	26.29	79.322	26.0784	68.672340	4.7468411	1.249	3.3283442	6.179172126	
11/9/2003 7:46	26.25	79.25	25.7336	66.254196	4.5892652	1.265	7.3579190	6.778959538	
11/9/2003 8:15	26.27	79.286	26.1498	60.534473	4.1597110	1.275	1.0074569	4.478728452	
11/9/2003 8:45	26.3	79.34	26.0596	63.814739	4.3961954	1.292	105.98699	4.678497238	
11/9/2003 9:15	26.37	79.466	25.2847	72.795005	5.0639380	1.311	3.5665320	10.47826602	
11/9/2003 9:46	26.43	79.574	25.2209	76.775260	5.3466716	1.328	2.6560693	6.978034682	
11/9/2003 10:16	26.48	79.664	25.2527	78.655526	5.4756456	1.336	3.9956069	6.977803468	
11/9/2003 10:46	26.56	79.808	25.5519	81.135791	5.6349814	1.343	77.725144	6.977572254	
11/9/2003 11:18	26.68	80.024	25.8660	83.714457	5.7965135	1.342	3.1446445	7.477322286	
11/9/2003 11:46	26.75	80.15	25.9684	84.396323	5.8343600	1.329	3.2642196	7.077109827	
11/9/2003 12:15	26.84	80.312	25.8647	85.776600	5.9278031	1.318	27.613757	7.376878741	
11/9/2003 12:45	26.86	80.348	25.6554	89.456866	6.1985052	1.317	5.9432950	7.676647527	
11/9/2003 13:15	26.95	80.51	26.1878	95.837132	6.6295452	1.305	5.1528326	9.076416313	
11/9/2003 13:46	27.1	80.78	26.8322	96.517387	6.6390434	1.29	7.1623699	8.476184971	
11/9/2003 14:16	27.12	80.816	27.0943	97.597653	6.7053143	1.3	7.4719075	7.375953757	
11/9/2003 14:46	27.1	80.78	26.8964	96.177919	6.6122556	1.298	10.831445	7.475722543	
11/9/2003 15:16	27.05	80.69	27.1985	95.458184	6.5549387	1.305	12.350982	8.775491329	
11/9/2003 15:45	26.98	80.564	28.1938	93.438461	6.3811162	1.321	13.210520	8.675260244	
11/9/2003 16:15	26.9	80.42	28.6720	90.118727	6.1332675	1.318	18.880058	10.67502903	
11/9/2003 16:46	26.81	80.258	29.4105	90.198982	6.1222766	1.305	22.909595	9.974797688	
11/9/2003 17:16	26.74	80.132	29.5585	92.779248	6.3106155	1.324	18.879132	8.074566474	
11/9/2003 17:46	26.64	79.952	30.7171	90.859514	6.1413926	1.326	34.198670	9.47433526	
11/9/2003 18:16	26.51	79.718	31.3052	89.539780	6.0392399	1.37	26.568208	9.274104046	
11/9/2003 18:45	26.46	79.628	31.1565	88.420057	5.9693105	1.385	23.517745	8.173872961	
11/9/2003 19:15	26.39	79.502	31.1854	86.800323	5.8591171	1.405	25.167283	8.173641747	
11/9/2003 19:46	26.3	79.34	31.5081	86.780578	5.8558848	1.427	22.726820	7.773410405	
11/9/2003 20:16	26.22	79.196	31.6191	85.060843	5.7366188	1.432	28.766358	8.773179191	
11/9/2003 20:46	26.24	79.232	31.4989	85.141109	5.7445516	1.449	32.245895	9.572947977	
11/9/2003 21:16	26.24	79.232	31.3887	86.321375	5.8336149	1.454	22.235433	8.672716763	
11/9/2003 21:46	26.23	79.214	31.1516	85.901641	5.8129784	1.45	14.424971	6.972485549	
11/9/2003 22:15	26.18	79.124	30.6699	85.681918	5.8199293	1.435	9.4145089	5.972254464	
11/9/2003 22:48	26.12	79.016	30.5946	82.060572	5.5680793	1.418	5.5740087	5.272004367	
11/9/2003 23:15	26.09	78.962	30.2662	84.942450	5.7909545	1.411	5.8735840	6.271792036	
11/9/2003 23:45	26.02	78.836	29.3109	81.922716	5.6152529	1.393	4.5331216	7.071560822	
11/10/2003 0:16	25.98	78.764	29.3812	82.602971	5.6661296	1.367	4.5326589	6.07132948	
11/10/2003 0:46	25.93	78.674	28.9215	81.883236	5.6362338	1.346	4.4121965	5.971098266	
11/10/2003 1:16	25.94	78.692	29.1402	78.063502	5.3518709	1.331	8.1917341	6.570867052	
11/10/2003 1:46	25.88	78.584	29.1313	80.343768	5.5231383	1.307	6.8512716	6.470635838	
11/10/2003 2:15	25.82	78.476	28.9904	80.624045	5.5549564	1.296	7.0308095	5.870404753	
11/10/2003 2:45	25.74	78.332	29.6733	82.104311	5.6458189	1.279	4.7103470	6.670173539	
11/10/2003 3:16	25.71	78.278	29.6038	80.684566	5.5492280	1.261	5.1998843	6.369942197	
11/10/2003 3:46	25.66	78.188	29.4323	80.164832	5.5233794	1.255	5.7494219	6.469710983	
11/10/2003 4:16	25.61	78.098	29.1189	79.745098	5.5098501	1.251	5.0189595	6.069479769	
11/10/2003 4:46	25.57	78.026	27.9382	79.925364	5.5697119	1.258	4.6484971	5.769248555	

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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11/10/2003 5:18	25.53	77.954	28.4249	79.904029	5.5550107	1.263	10.817997	6.668998587	
11/10/2003 5:46	25.51	77.918	28.0809	79.385895	5.5322199	1.27	6.2975722	6.968786127	
11/10/2003 6:15	25.48	77.864	28.1426	78.066172	5.4381163	1.281	6.3571100	7.168555042	
11/10/2003 6:48	25.45	77.81	27.5374	78.244827	5.4760530	1.286	5.5666098	6.368304945	
11/10/2003 7:15	25.45	77.81	27.1769	78.626704	5.5165635	1.296	5.7461852	6.368092614	
11/10/2003 7:45	25.47	77.846	27.0033	76.506970	5.3678019	1.309	7.3357228	9.2678614	
11/10/2003 8:16	25.35	77.63	26.7847	81.487225	5.7478271	1.321	3.4852601	6.667630058	
11/10/2003 8:46	25.37	77.666	27.0019	82.167491	5.7868755	1.33	19.964797	6.467398844	
11/10/2003 9:16	25.43	77.774	26.7470	84.647757	5.9683409	1.34	20.214335	6.86716763	
11/10/2003 9:46	25.5	77.9	26.5469	86.728023	6.1178993	1.348	2.9938728	7.566936416	
11/10/2003 10:15	25.58	78.044	26.5152	88.508299	6.2386791	1.36	2.6334106	7.066705331	
11/10/2003 10:45	25.64	78.152	26.4350	90.588565	6.3850141	1.364	2.7529482	7.266474117	
11/10/2003 11:16	25.75	78.35	26.2628	93.168820	6.5652603	1.366	2.7524855	7.766242775	
11/10/2003 11:46	25.84	78.512	26.2631	94.849075	6.6765832	1.369	2.8720228	9.066011432	
11/10/2003 12:15	25.94	78.692	26.7785	98.429363	6.9052710	1.365	3.3615609	6.965780475	
11/10/2003 12:46	26.05	78.89	27.1162	100.90961	7.0599495	1.355	3.3610982	7.465549133	
11/10/2003 13:16	26.13	79.034	27.7912	102.58988	7.1480744	1.331	4.5806358	7.865317919	
11/10/2003 13:46	26.26	79.268	27.6276	99.870150	6.9437034	1.31	6.9601734	8.665086705	
11/10/2003 14:16	26.39	79.502	27.5267	101.45041	7.0471029	1.298	7.9397109	10.36485549	
11/10/2003 14:45	26.49	79.682	28.0306	105.33069	7.2978307	1.289	8.2392488	10.16462441	
11/10/2003 15:15	26.42	79.556	28.9824	106.61095	7.3635036	1.263	5.3687863	8.264393192	
11/10/2003 15:45	26.35	79.43	28.9685	108.09122	7.4783608	1.252	5.1283239	7.564161978	
11/10/2003 16:18	26.15	79.07	28.5366	106.16986	7.3771776	1.251	5.7978235	7.763911753	
11/10/2003 16:46	25.95	78.71	28.3330	103.45174	7.2103296	1.257	4.1473988	6.963699422	
11/10/2003 17:16	25.94	78.692	28.3427	101.83201	7.0942895	1.259	3.7869364	7.463468208	
11/10/2003 17:46	26.07	78.926	28.8594	103.51227	7.1826643	1.27	4.5764739	7.863236994	
11/10/2003 18:16	26.02	78.836	28.5931	100.29254	6.9655605	1.282	5.3660115	8.46300578	
11/10/2003 18:48	25.9	78.62	28.4536	98.371186	6.8451305	1.293	5.4955111	8.862755556	
11/10/2003 19:16	25.87	78.566	28.7650	97.553075	6.7782058	1.299	5.6750867	8.562543353	
11/10/2003 19:45	25.82	78.476	28.8338	94.833352	6.5850854	1.308	5.9746245	8.462312267	
11/10/2003 20:15	25.7	78.26	28.6709	93.913617	6.5377187	1.315	5.2441621	7.862081053	
11/10/2003 20:45	25.63	78.134	28.4594	92.693883	6.4650179	1.316	5.7336996	7.661849839	
11/10/2003 21:16	25.56	78.008	28.1488	91.474138	6.3958852	1.323	6.6532369	8.661618497	
11/10/2003 21:46	25.51	77.918	27.9681	87.954404	6.1540704	1.324	6.4627745	8.961387283	
11/10/2003 22:16	25.43	77.774	27.8508	87.434670	6.1295404	1.324	7.2023121	8.561156069	
11/10/2003 22:46	25.37	77.666	27.7085	85.614936	6.0099991	1.326	7.2018497	8.460924855	
11/10/2003 23:15	25.3	77.54	27.5620	84.895213	5.9710127	1.325	8.9713875	8.96069377	
11/10/2003 23:45	25.17	77.306	27.1915	85.375479	6.0331474	1.315	7.0709251	8.260462556	
11/11/2003 0:16	25.07	77.126	27.0085	83.055734	5.8833788	1.301	7.0104624	9.060231214	
11/11/2003 0:46	24.94	76.892	26.7557	81.036	5.7610272	1.293	6.59	8.86	
11/11/2003 1:16	24.77	76.586	26.6662	79.816265	5.6948360	1.279	6.2795375	9.459768786	
11/11/2003 1:46	24.58	76.244	27.2058	76.796531	5.4783992	1.262	7.0090751	9.359537572	
11/11/2003 2:15	24.5	76.1	27.5920	73.976808	5.2699133	1.248	9.8186129	10.05930649	
11/11/2003 2:48	24.32	75.776	28.0802	73.355451	5.2271592	1.238	6.6481125	9.459056262	
11/11/2003 3:15	24.21	75.578	28.6305	73.137340	5.2036132	1.223	28.737688	8.158844059	
11/11/2003 3:45	24.04	75.272	28.9860	72.017606	5.1286107	1.216	36.547225	6.958612845	
11/11/2003 4:16	24	75.2	28.8402	71.697861	5.1151670	1.21	5.7267630	6.458381503	
11/11/2003 4:46	23.99	75.182	28.6765	70.878127	5.0630459	1.204	5.4263005	6.258150289	
11/11/2003 5:16	24	75.2	28.6099	69.958393	4.9980431	1.206	6.0358381	6.157919075	
11/11/2003 5:46	24.05	75.29	28.7072	72.838658	5.1967549	1.214	5.4253757	7.357687861	

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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11/11/2003 6:15	24.03	75.254	28.7005	74.218935	5.2986961	1.226	4.7449135	6.957456776	
11/11/2003 6:45	24.04	75.272	28.7515	76.399201	5.4529668	1.242	4.4444511	6.257225562	
11/11/2003 7:16	24	75.2	28.6734	75.279456	5.3794040	1.253	11.953988	6.35699422	
11/11/2003 7:46	23.94	75.092	28.6995	74.059722	5.2970633	1.266	18.783526	5.456763006	
11/11/2003 8:16	23.94	75.092	28.7027	75.339988	5.3892543	1.278	4.4430635	5.256531792	
11/11/2003 8:46	23.92	75.056	28.4171	76.720254	5.5012337	1.294	4.7426011	5.556300578	
11/11/2003 9:15	24.01	75.218	28.3005	76.200531	5.4581489	1.308	4.3221389	6.556069493	
11/11/2003 9:45	24.13	75.434	28.4642	78.880797	5.6324229	1.316	4.0116765	6.955838279	
11/11/2003 10:16	24.24	75.632	28.4346	81.261052	5.7931142	1.33	3.2812138	5.855606936	
11/11/2003 10:46	24.35	75.83	28.3180	84.641317	6.0290386	1.337	4.0107514	6.155375723	
11/11/2003 11:16	24.48	76.064	28.2086	85.321583	6.0678562	1.349	3.1002890	6.055144509	
11/11/2003 11:46	24.58	76.244	28.2004	86.601849	6.1495580	1.349	8.8298265	6.754913295	
11/11/2003 12:15	24.68	76.424	28.2599	90.582126	6.4234914	1.35	3.3393644	5.954682209	
11/11/2003 12:45	24.69	76.442	28.5349	94.162392	6.6706401	1.352	8.5289019	7.254450996	
11/11/2003 13:15	24.82	76.676	28.7542	95.442658	6.7408815	1.33	5.8984395	6.054219782	
11/11/2003 13:46	24.91	76.838	28.8252	97.922913	6.9073425	1.317	2.7879768	5.853988439	
11/11/2003 14:16	25.26	77.468	29.2164	105.90317	7.4304862	1.314	4.1875144	7.253757225	
11/11/2003 14:46	25.5	77.9	29.5071	114.08344	7.9836601	1.305	3.8870520	8.153526012	
11/11/2003 15:16	25.6	78.08	29.5581	116.16371	8.1209108	1.294	4.6765895	8.153294798	
11/11/2003 15:45	25.7	78.26	29.6783	118.04398	8.2412518	1.293	4.8061274	8.253063712	
11/11/2003 16:15	25.73	78.314	28.3842	118.42425	8.3119860	1.287	4.9256649	8.152832498	
11/11/2003 16:46	25.66	78.188	29.4387	117.10450	8.1865009	1.279	4.7352023	8.952601156	
11/11/2003 17:16	25.6	78.08	29.3984	115.48477	8.0777080	1.273	4.3147398	8.452369942	
11/11/2003 17:48	25.49	77.882	29.3296	113.26340	7.9320154	1.271	4.3142391	8.052119589	
11/11/2003 18:16	25.38	77.684	29.2522	109.84530	7.7003445	1.27	4.3738150	8.851907514	
11/11/2003 18:46	25.23	77.414	29.1257	103.62557	7.2728083	1.273	4.6733526	8.951676301	
11/11/2003 19:16	25.11	77.198	29.0355	99.305838	6.9776827	1.276	5.1628901	8.451445087	
11/11/2003 19:45	25.03	77.054	27.9396	98.086115	6.9379100	1.29	5.4724280	8.751214001	
11/11/2003 20:15	25.09	77.162	29.3507	103.86638	7.2973281	1.286	3.8219655	6.250982787	
11/11/2003 20:45	25.23	77.414	29.4538	111.04664	7.7960545	1.292	3.5115031	6.150751574	
11/11/2003 21:16	25.09	77.162	29.3993	103.32690	7.2566844	1.295	3.6410404	6.450520231	
11/11/2003 21:46	24.93	76.874	29.2620	99.607167	7.0108734	1.297	4.0605780	6.950289017	
11/11/2003 22:16	24.77	76.586	29.1504	92.587433	6.5262080	1.294	4.3101156	6.950057803	
11/11/2003 22:46	24.64	76.352	29.0188	87.467699	6.1759816	1.294	4.7996531	7.54982659	
11/11/2003 23:15	24.44	75.992	28.8466	83.847976	5.9429995	1.295	4.6691910	6.949595504	
11/11/2003 23:45	24.36	75.848	28.5046	78.728242	5.5948972	1.284	4.4287285	7.34936429	
11/12/2003 0:16	24.25	75.65	28.6812	80.808497	5.7505183	1.271	4.0582658	6.849132948	
11/12/2003 0:46	24.08	75.344	28.7721	79.488763	5.6706213	1.258	3.4478034	6.248901734	
11/12/2003 1:18	23.9	75.02	29.2318	74.267395	5.2972333	1.244	3.6973027	6.548651381	
11/12/2003 1:46	23.86	74.948	29.5638	72.849294	5.1873948	1.232	4.4268786	7.248439306	
11/12/2003 2:18	23.71	74.678	29.6883	71.227927	5.0823642	1.217	4.7263779	6.948188953	
11/12/2003 2:46	23.64	74.552	29.8192	69.209826	4.9397761	1.204	4.2459537	6.347976879	
11/12/2003 3:16	23.38	74.084	29.0151	70.790092	5.1110014	1.192	3.8754913	7.347745665	
11/12/2003 3:46	23.49	74.282	28.6196	68.970358	4.9820448	1.183	3.2050289	6.347514451	
11/12/2003 4:15	23.47	74.246	28.4289	65.850635	4.7661602	1.174	3.2645667	4.947283365	
11/12/2003 4:45	23.38	74.084	28.2866	63.530901	4.6138389	1.171	3.0841043	5.247052152	
11/12/2003 5:16	23.36	74.048	28.2206	62.311156	4.5304495	1.169	2.6536416	5.046820809	
11/12/2003 5:48	23.38	74.084	28.0298	62.989777	4.5840666	1.166	3.0831406	5.146570328	
11/12/2003 6:16	23.38	74.084	27.9946	62.071687	4.5191416	1.173	2.9527167	5.346358382	
11/12/2003 6:46	23.44	74.192	27.8316	64.151953	4.6684549	1.187	3.0822543	4.746127168	

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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11/12/2003 7:16	23.34	74.012	27.9932	61.932219	4.513496	1.203	3.1417919	4.345895954	
11/12/2003 7:46	23.23	73.814	28.4358	61.912485	4.5081310	1.216	10.951329	5.04566474	
11/12/2003 8:15	23.2	73.76	28.9411	63.092762	4.5783074	1.23	2.2808673	4.345433654	
11/12/2003 8:45	23.32	73.976	29.1875	73.473028	5.3047731	1.245	2.5904048	4.945202441	
11/12/2003 9:18	23.42	74.156	29.0495	73.451638	5.2972994	1.263	2.8299036	6.74495183	
11/12/2003 9:45	23.51	74.318	29.1155	71.933560	5.1756593	1.273	2.9494800	5.844740013	
11/12/2003 10:16	23.58	74.444	29.1951	73.813815	5.3007323	1.283	103.22901	5.544508671	
11/12/2003 10:46	23.64	74.552	29.2561	69.494080	4.9805435	1.294	2.1585549	4.644277457	
11/12/2003 11:16	23.79	74.822	29.2864	79.174346	5.6610488	1.292	2.4680924	4.244046243	
11/12/2003 11:46	23.92	75.056	29.2097	80.154612	5.7203154	1.294	2.7676300	5.743815029	
11/12/2003 12:15	24.08	75.344	29.1980	85.534889	6.0912164	1.296	2.0971678	5.643583943	
11/12/2003 12:45	24.19	75.542	29.2326	89.615155	6.3721676	1.292	2.2167054	5.64335273	
11/12/2003 13:16	24.33	75.794	29.2914	94.595410	6.7138651	1.282	2.3962427	4.843121387	
11/12/2003 13:48	24.59	76.262	29.8010	109.17403	7.7182991	1.264	2.5257418	5.442870906	
11/12/2003 14:16	24.89	76.802	30.2614	110.45594	7.7614499	1.253	1.4853179	5.14265896	
11/12/2003 14:48	25.2	77.36	30.2019	117.83456	8.2618027	1.239	2.2748169	4.442408478	
11/12/2003 15:16	25.32	77.576	30.4098	131.11647	9.1988624	1.227	1.9143930	6.042196532	
11/12/2003 15:46	25.48	77.864	30.5058	133.19673	9.3279556	1.221	2.3339306	5.741965318	
11/12/2003 16:16	25.57	78.026	30.4434	134.37700	9.4054887	1.208	2.0934682	6.741734104	
11/12/2003 16:46	25.45	77.81	29.4688	117.65727	8.2481604	1.196	2.5230057	4.04150289	
11/12/2003 17:18	25.5	77.9	29.5811	119.63589	8.3813255	1.189	1.7225048	5.841252408	
11/12/2003 17:46	25.45	77.81	29.5758	111.51780	7.8016521	1.18	1.4820809	4.141040462	
11/12/2003 18:15	25.27	77.486	29.4478	104.89808	7.3485981	1.176	2.8816187	4.640809377	
11/12/2003 18:45	25.07	77.126	29.1693	100.77834	7.0833907	1.171	2.3911563	4.640578163	
11/12/2003 19:16	25.01	77.018	29.2795	98.158601	6.8970796	1.173	2.3906936	4.340346821	
11/12/2003 19:46	25.17	77.306	29.5602	99.338867	6.9546330	1.171	2.3302312	4.440115607	
11/12/2003 20:16	25.1	77.18	29.9393	109.01913	7.6465631	1.172	1.9097687	4.939884393	
11/12/2003 20:46	25	77	30.0880	94.899398	6.6340763	1.184	1.7793063	4.339653179	
11/12/2003 21:15	24.82	76.676	29.9928	95.679675	6.7133812	1.196	2.3288441	4.639422094	
11/12/2003 21:45	24.79	76.622	29.9804	95.559941	6.7084671	1.205	2.4583817	3.83919088	
11/12/2003 22:16	24.73	76.514	29.8616	92.040196	6.4655077	1.212	2.2079190	3.738959538	
11/12/2003 22:46	24.64	76.352	29.8049	82.920462	5.8198254	1.215	18.017456	3.938728324	
11/12/2003 23:16	24.5	76.1	29.7197	75.300728	5.2887701	1.218	2.1469942	4.13849711	
11/12/2003 23:46	24.45	76.01	29.6381	74.380994	5.2308464	1.212	2.0865317	5.138265896	
11/13/2003 0:15	24.42	75.956	29.6413	62.261271	4.3601681	1.206	303.04606	2.938034811	
11/13/2003 0:45	24.41	75.938	29.6838	50.741536	3.5291570	1.204	0.7456071	2.937803597	
11/13/2003 1:15	24.35	75.83	29.7177	45.721802	3.1725539	1.198	1.2251447	3.137572383	
11/13/2003 1:46	24.39	75.902	29.7494	62.002057	4.3408571	1.193	2.2046820	3.53734104	
11/13/2003 2:16	24.38	75.884	29.5073	69.182323	4.8683603	1.188	2.8742196	4.037109827	
11/13/2003 2:46	24.34	75.812	30.1567	73.862589	5.1867895	1.181	1.8437572	4.636878613	
11/13/2003 3:16	24.31	75.758	30.1984	69.142855	4.8482640	1.177	2.2632947	4.036647399	
11/13/2003 3:45	24.31	75.758	30.1881	63.523132	4.4434536	1.17	1.9628326	4.036416313	
11/13/2003 4:15	24.29	75.722	30.1942	58.503398	4.0834919	1.162	23.752370	4.4361851	
11/13/2003 4:46	24.27	75.686	30.2024	56.483653	3.9397523	1.157	190.31190	4.235953757	
11/13/2003 5:16	24.26	75.668	30.1957	56.063919	3.9108228	1.149	3.2414450	3.435722543	
11/13/2003 5:46	24.24	75.632	30.1718	56.244184	3.9268594	1.145	1.4109826	4.535491329	
11/13/2003 6:16	24.16	75.488	28.6317	52.424450	3.7156215	1.144	0.8605202	3.035260116	
11/13/2003 6:45	24.1	75.38	29.1434	57.704727	4.0844468	1.144	1.2900580	3.33502903	
11/13/2003 7:15	23.91	75.038	28.1553	48.284993	3.4615663	1.148	1.8995956	4.034797816	
11/13/2003 7:46	24	75.2	28.8902	53.865248	3.8276337	1.157	1.0391329	3.234566474	

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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11/13/2003 8:16	24	75.2	28.9969	51.045514	3.6204918	1.176	0.8586705	3.33433526	
11/13/2003 8:46	23.83	74.894	26.7414	69.925780	5.0814861	1.2	0.7382080	4.234104046	
11/13/2003 9:16	23.88	74.984	25.8745	68.406046	4.9976708	1.218	1.0977456	4.133872832	
11/13/2003 9:45	23.99	75.182	26.9433	67.186323	4.8592638	1.238	1.7672834	4.533641747	
11/13/2003 10:15	24.06	75.308	26.9579	54.966589	3.9700640	1.248	1.2868210	4.133410533	
11/13/2003 10:46	24.29	75.722	29.0687	58.446843	4.1199339	1.253	1.3463583	4.133179191	
11/13/2003 11:16	24.3	75.74	28.4571	69.227109	4.9181169	1.262	1.4658959	4.332947977	
11/13/2003 11:46	24.45	76.01	28.5680	80.107375	5.6822409	1.27	1.4654335	5.532716763	
11/13/2003 12:16	24.7	76.46	28.6404	83.187641	5.8744714	1.271	1.4049710	3.732485549	
11/13/2003 12:45	24.86	76.748	28.6986	84.467918	5.9472462	1.266	0.9145089	3.232254464	
11/13/2003 13:15	25	77	28.4807	88.748184	6.2484364	1.254	1.0340465	3.53202325	
11/13/2003 13:48	25.16	77.288	28.5246	90.526783	6.3576548	1.238	0.8535450	3.531772511	
11/13/2003 14:15	25.27	77.486	28.4765	91.408716	6.4109835	1.228	0.9131216	3.931560822	
11/13/2003 14:46	25.38	77.684	28.3749	93.188971	6.5310079	1.219	0.7926589	3.53132948	
11/13/2003 15:16	25.44	77.792	28.3360	94.369236	6.6109637	1.214	1.2821965	3.831098266	
11/13/2003 15:46	25.47	77.846	28.3007	95.749502	6.7084812	1.205	1.2817341	3.730867052	
11/13/2003 16:16	25.53	77.954	28.3303	93.329768	6.5264121	1.199	1.0312716	3.230635838	
11/13/2003 16:45	25.54	77.972	28.3079	95.810045	6.7049582	1.189	1.1508095	3.830404753	
11/13/2003 17:15	25.53	77.954	28.1385	88.390311	6.1771826	1.181	0.7903470	3.130173539	
11/13/2003 17:45	25.47	77.846	28.0440	85.770577	5.9982410	1.176	0.9698846	4.229942325	
11/13/2003 18:16	25.46	77.828	27.9296	79.150832	5.5261676	1.17	1.5194219	3.829710983	
11/13/2003 18:46	25.47	77.846	28.0954	85.031098	5.9430746	1.164	9.0289595	4.429479769	
11/13/2003 19:16	25.47	77.846	28.1892	74.811364	5.2028549	1.156	2.1884971	3.629248555	
11/13/2003 19:46	25.48	77.864	28.1775	63.991630	4.4220850	1.155	1.5180346	2.829017341	
11/13/2003 20:15	25.47	77.846	28.1893	74.571906	5.1855886	1.167	3.7175725	4.528786256	
11/13/2003 20:45	25.16	77.288	27.1605	97.852172	6.9349216	1.177	6.5271100	6.328555042	
11/13/2003 21:16	25.04	77.072	26.9084	94.332427	6.7033035	1.213	8.4766473	5.528323699	
11/13/2003 21:46	24.89	76.802	27.0735	91.812693	6.5320362	1.231	11.836184	6.528092486	
11/13/2003 22:16	24.8	76.64	27.2757	90.692959	6.4538338	1.236	10.185722	5.827861272	
11/13/2003 22:46	24.7	76.46	27.3824	89.073225	6.3441119	1.248	13.175260	5.727630058	
11/13/2003 23:15	24.58	76.244	27.4969	87.553502	6.2434983	1.265	12.744797	5.627398972	
11/13/2003 23:45	24.44	75.992	27.7390	84.833768	6.0539481	1.265	13.114335	6.127167759	
11/14/2003 0:16	24.34	75.812	28.0404	82.814023	5.9083760	1.242	18.113872	7.326936416	
11/14/2003 0:46	24.21	75.578	28.2740	82.694289	5.9055039	1.292	18.913410	6.326705202	
11/14/2003 1:16	24.03	75.254	28.2572	82.174554	5.8882537	1.287	13.962947	6.926473988	
11/14/2003 1:46	23.86	74.948	28.2333	82.054820	5.8990104	1.281	14.332485	6.026242775	
11/14/2003 2:18	23.76	74.768	28.0319	80.233409	5.7858402	1.276	15.851983	6.925991908	
11/14/2003 2:46	23.65	74.57	27.7969	81.015352	5.8626666	1.275	13.961560	5.925780347	
11/14/2003 3:15	23.56	74.408	27.6211	78.095629	5.6682928	1.258	15.371098	6.225549261	
11/14/2003 3:45	23.48	74.264	27.5252	75.875895	5.5204226	1.248	13.230636	6.125318048	
11/14/2003 4:15	23.39	74.102	27.4585	73.356161	5.3509598	1.238	9.6301736	5.725086834	
11/14/2003 4:46	23.3	73.94	27.8412	72.036416	5.2518408	1.232	11.029710	5.724855491	
11/14/2003 5:16	23.2	73.76	27.7503	71.016682	5.1924908	1.222	11.459248	6.224624277	
11/14/2003 5:46	23.08	73.544	27.6394	69.296947	5.0855698	1.217	10.788786	6.624393064	
11/14/2003 6:16	22.96	73.328	27.5870	70.077213	5.1567935	1.214	10.478323	6.62416185	
11/14/2003 6:45	22.88	73.184	27.6188	69.857490	5.1485282	1.213	9.3778615	5.423930764	
11/14/2003 7:15	22.83	73.094	27.6819	68.737756	5.0709725	1.212	96.847399	4.92369955	
11/14/2003 7:46	22.82	73.076	27.8185	70.818011	5.2171314	1.213	7.3069364	5.623468208	
11/14/2003 8:16	22.79	73.022	27.1727	72.798277	5.3864268	1.22	35.996473	5.223236994	
11/14/2003 8:46	22.82	73.076	27.9041	73.378543	5.3986634	1.239	6.4460115	5.32300578	

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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11/14/2003 9:16	22.84	73.112	28.0165	73.358809	5.3910160	1.252	5.5355491	6.422774566	
11/14/2003 9:45	22.9	73.22	28.2386	73.239086	5.3678455	1.258	5.3550869	5.422543481	
11/14/2003 10:15	22.94	73.292	28.4152	78.719352	5.7522574	1.274	5.5946245	6.122312267	
11/14/2003 10:45	22.99	73.382	28.5874	78.899617	5.7536033	1.272	5.5341621	7.322081053	
11/14/2003 11:16	23.08	73.544	28.5949	80.879872	5.8862994	1.275	5.7136994	5.721849711	
11/14/2003 11:48	23.17	73.706	28.4833	79.058461	5.7491842	1.273	5.0431976	6.821598844	
11/14/2003 12:16	23.22	73.796	28.3682	82.040404	5.9628772	1.27	4.2527745	5.821387283	
11/14/2003 12:46	23.26	73.868	28.1111	81.520670	5.9302996	1.267	2.8423121	5.021156069	
11/14/2003 13:16	23.37	74.066	28.2256	86.600936	6.2804752	1.265	10.111849	6.820924855	
11/14/2003 13:45	23.44	74.192	28.0961	85.081213	6.1679325	1.266	6.6313875	4.92069377	
11/14/2003 14:15	23.53	74.354	27.8640	93.161479	6.7490663	1.259	3.0309251	5.720462556	
11/14/2003 14:45	23.61	74.498	27.9193	95.641745	6.9171830	1.247	2.6004626	5.620231342	
11/14/2003 15:16	23.73	74.714	28.3226	99.922	7.1981894	1.231	2.78	6.12	
11/14/2003 15:46	23.79	74.822	28.9085	98.302265	7.0537737	1.228	4.2495375	5.819768786	
11/14/2003 16:16	23.86	74.948	29.1036	102.28253	7.3260981	1.219	4.4290751	7.019537572	
11/14/2003 16:46	23.95	75.11	29.1354	108.56279	7.7679520	1.212	3.8786127	6.019306358	
11/14/2003 17:15	23.96	75.128	29.1151	111.04307	7.9464210	1.205	4.0581505	6.819075273	
11/14/2003 17:45	23.92	75.056	29.1176	109.52334	7.8411177	1.195	3.9976881	6.618844059	
11/14/2003 18:18	23.8	74.84	29.0609	106.00191	7.6023447	1.184	4.1871861	6.418593064	
11/14/2003 18:45	23.7	74.66	28.9743	99.783872	7.1680414	1.179	3.7567632	5.218381631	
11/14/2003 19:16	23.63	74.534	28.8905	92.464127	6.6509340	1.176	3.9963005	4.718150289	
11/14/2003 19:46	23.57	74.426	28.8830	95.044393	6.8437801	1.175	3.6958381	6.017919075	
11/14/2003 20:16	23.46	74.228	28.8513	91.824658	6.6247691	1.173	3.8153757	5.717687861	
11/14/2003 20:46	23.34	74.012	28.6541	84.904924	6.1460348	1.173	3.5049132	6.017456647	
11/14/2003 21:15	23.19	73.742	28.2152	80.685201	5.8739452	1.175	2.5944511	4.817225562	
11/14/2003 21:45	23.08	73.544	27.8333	83.565467	6.1073507	1.179	2.2239886	4.416994348	
11/14/2003 22:16	22.96	73.328	27.4442	79.045722	5.8085623	1.186	4.7335260	3.316763006	
11/14/2003 22:46	22.89	73.202	27.1921	85.425988	6.2852850	1.195	1.6730635	5.016531792	
11/14/2003 23:16	22.86	73.148	26.1783	81.906254	6.0712788	1.202	1.8026011	5.116300578	
11/14/2003 23:46	22.82	73.076	26.5874	75.186520	5.5764206	1.202	1.9221387	4.616069364	
11/15/2003 0:15	22.85	73.13	27.1219	65.966797	4.8891643	1.201	1.7316765	3.115838279	
11/15/2003 0:45	22.88	73.184	27.2650	62.547062	4.6341829	1.204	2.4712141	4.515607065	
11/15/2003 1:15	22.84	73.112	27.4180	58.227328	4.3215821	1.2	2.3407517	4.615375851	
11/15/2003 1:46	22.82	73.076	27.4383	53.407583	3.9755261	1.187	2.7702890	4.715144509	
11/15/2003 2:16	22.81	73.058	27.0650	54.287849	4.0535235	1.174	2.4098265	4.014913295	
11/15/2003 2:46	22.75	72.95	26.9733	77.568115	5.7418693	1.165	2.6493641	5.514682081	
11/15/2003 3:16	22.59	72.662	26.5757	76.348381	5.6856797	1.157	2.9589017	4.714450867	
11/15/2003 3:45	22.49	72.482	27.0789	74.928658	5.5761031	1.15	2.3384395	4.614219782	
11/15/2003 4:15	22.43	72.374	26.7940	72.008924	5.3823869	1.143	1.7979771	4.013988568	
11/15/2003 4:46	22.26	72.068	26.8757	70.089179	5.2595628	1.133	2.4675144	5.613757225	
11/15/2003 5:16	22.18	71.924	26.8347	68.369445	5.1457656	1.127	2.2170520	4.313526012	
11/15/2003 5:48	22.08	71.744	26.8778	49.448011	3.7908773	1.119	1.5465497	4.213274888	
11/15/2003 6:18	21.95	71.51	27.1649	49.928277	3.8293395	1.113	303.24608	4.513043674	
11/15/2003 6:46	21.87	71.366	27.4007	49.010242	3.7633819	1.109	1.6056647	4.61283237	
11/15/2003 7:16	21.78	71.204	27.3312	56.390508	4.3078117	1.101	2.0352023	3.712601156	
11/15/2003 7:46	21.81	71.258	27.5020	51.070774	3.9148390	1.097	1.7947398	3.212369942	
11/15/2003 8:15	21.84	71.312	26.9703	57.651051	4.4051471	1.097	0.8742777	3.312138857	
11/15/2003 8:45	21.89	71.402	27.1775	60.931317	4.6287450	1.096	1.0538152	3.811907643	
11/15/2003 9:18	22.01	71.618	26.5873	68.209883	5.1616963	1.103	1.5433130	4.311656519	
11/15/2003 9:48	22.1	71.78	26.9736	68.790149	5.1798196	1.119	1.4828506	3.511425305	

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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11/15/2003 10:15	22.22	71.996	27.0966	75.772115	5.6657086	1.127	1.7924280	4.111214001	
11/15/2003 10:45	22.33	72.194	27.2639	74.552380	5.5597543	1.139	1.4819655	3.910982787	
11/15/2003 11:16	22.46	72.428	27.2593	76.332635	5.6741069	1.143	1.6015028	4.510751445	
11/15/2003 11:46	22.67	72.806	27.2925	80.112901	5.9225795	1.146	1.9110404	4.110520231	
11/15/2003 12:16	22.76	72.968	27.3256	79.793167	5.8885221	1.151	2.4605780	3.810289017	
11/15/2003 12:46	22.87	73.166	27.3439	77.273433	5.6942039	1.159	2.0901156	3.610057803	
11/15/2003 13:15	22.89	73.202	27.1096	84.553710	6.2253655	1.159	2.0296534	3.509826718	
11/15/2003 13:45	22.89	73.202	26.8233	83.733976	6.1765706	1.167	2.0291910	4.209595504	
11/15/2003 14:16	22.86	73.148	27.5518	86.114231	6.3252291	1.167	1.4787283	4.109364162	
11/15/2003 14:46	23.1	73.58	26.7584	88.494497	6.4992493	1.165	1.5982658	4.509132948	
11/15/2003 15:16	23.21	73.778	26.6874	91.874763	6.7335305	1.159	2.1478034	4.008901734	
11/15/2003 15:46	23.34	74.012	27.8247	100.45502	7.2970579	1.148	1.1673410	3.30867052	
11/15/2003 16:15	23.52	74.336	27.9149	111.83530	8.0947072	1.138	1.5368788	3.308439435	
11/15/2003 16:45	23.64	74.552	27.8290	113.61557	8.2130776	1.126	1.4764164	3.908208221	
11/15/2003 17:15	23.63	74.534	27.0534	112.49583	8.1613559	1.117	1.8459540	3.907977007	
11/15/2003 17:46	23.68	74.624	27.8219	116.97609	8.4512666	1.113	2.5154913	5.407745665	
11/15/2003 18:16	23.58	74.444	28.0947	109.55635	7.9173823	1.109	4.8350289	6.107514451	
11/15/2003 18:46	23.43	74.174	28.1029	99.736624	7.2254335	1.105	3.1245664	6.807283237	
11/15/2003 19:16	23.33	73.994	27.5014	92.316890	6.7230271	1.099	6.9641040	6.307052023	
11/15/2003 19:45	23.13	73.634	27.9375	87.097167	6.3527840	1.094	3.3636418	7.306820938	
11/15/2003 20:15	23.08	73.544	27.9678	81.077432	5.9231193	1.092	23.563179	6.706589724	
11/15/2003 20:46	23	73.4	27.3926	80.157687	5.8862321	1.089	3.6127167	4.606358382	
11/15/2003 21:16	22.98	73.364	27.5185	76.037953	5.5868469	1.084	3.4222543	5.506127168	
11/15/2003 21:46	23.06	73.508	28.1580	68.218219	4.9913056	1.081	23.561791	4.605895954	
11/15/2003 22:16	23.11	73.598	27.6997	74.998485	5.4912084	1.086	1.7813294	4.30566474	
11/15/2003 22:45	23.18	73.724	27.8014	84.978762	6.1994970	1.088	3.3008673	5.205433654	
11/15/2003 23:15	23.19	73.742	28.2789	93.059028	6.7638039	1.094	2.6304048	3.905202441	
11/15/2003 23:46	23.22	73.796	28.2008	81.239283	5.9111411	1.1	1.8399421	3.204971098	
11/16/2003 0:16	23.22	73.796	28.2262	90.319549	6.5649161	1.103	16.059479	5.504739884	
11/16/2003 0:46	23.15	73.67	27.6510	102.69981	7.4858697	1.111	2.9390173	4.404508671	
11/16/2003 1:16	23.1	73.58	28.0850	87.880080	6.4071928	1.112	1.5885549	2.104277457	
11/16/2003 1:45	23.04	73.472	28.0661	79.160357	5.7857205	1.114	1.5280927	2.204046371	
11/16/2003 2:15	22.92	73.256	27.4667	80.240623	5.8982670	1.12	2.9376303	3.803815157	
11/16/2003 2:45	22.85	73.13	27.9549	60.720889	4.4809488	1.119	1.4671678	2.703583943	
11/16/2003 3:16	22.75	72.95	26.9996	53.301144	3.9912765	1.109	6.7767052	10.1033526	
11/16/2003 3:46	22.81	73.058	27.9777	92.781410	6.7960494	1.101	12.696242	5.103121387	
11/16/2003 4:16	22.67	72.806	27.8854	90.961676	6.6834309	1.1	3.1157803	4.502890173	
11/16/2003 4:46	22.6	72.68	27.7988	83.341942	6.1447969	1.099	3.5453179	4.80265896	
11/16/2003 5:15	22.62	72.716	27.8284	76.922219	5.6786887	1.1	2.7448557	4.202427874	
11/16/2003 5:45	22.48	72.464	27.8965	67.702484	5.0267532	1.1	2.1343933	3.40219666	
11/16/2003 6:16	22.15	71.87	27.7977	57.182739	4.3078049	1.1	3.4739306	5.601965318	
11/16/2003 6:46	22.07	71.726	27.8659	42.463005	3.2527795	1.096	18.373468	3.301734104	
11/16/2003 7:16	21.96	71.528	28.0396	45.743271	3.4950241	1.093	1.5830057	3.30150289	
11/16/2003 7:46	21.94	71.492	28.0806	49.423537	3.7610742	1.09	1.4625433	3.201271676	
11/16/2003 8:15	21.86	71.348	28.0332	43.903814	3.3735289	1.087	1.2820811	3.101040591	
11/16/2003 8:45	21.88	71.384	27.4145	44.384080	3.4282487	1.083	0.9116187	3.000809377	
11/16/2003 9:16	22.01	71.618	28.0953	48.864335	3.7125974	1.086	1.2811560	3.700578035	
11/16/2003 9:46	22.01	71.618	27.8781	49.844601	3.7910920	1.093	1.1506936	4.300346821	
11/16/2003 10:16	22.12	71.816	27.8699	55.024867	4.1528938	1.099	1.2802312	4.700115607	
11/16/2003 10:46	22.28	72.104	26.6479	60.105132	4.5457347	1.11	1.5197687	4.199884393	

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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11/16/2003 11:18	22.51	72.518	28.0525	65.783688	4.8795217	1.116	2.0092662	5.299633141	
11/16/2003 11:46	22.75	72.95	27.6136	71.265664	5.2644135	1.127	1.8288439	4.499421965	
11/16/2003 12:15	22.95	73.31	28.0911	73.645941	5.3970413	1.125	1.9483817	5.29919088	
11/16/2003 12:45	23.08	73.544	28.0565	78.026207	5.6999330	1.129	1.7679193	5.098959666	
11/16/2003 13:16	23.33	73.994	28.4527	72.406462	5.2532362	1.132	2.3774566	5.598728324	
11/16/2003 13:46	23.42	74.156	28.4802	71.286728	5.1617042	1.138	2.6769942	6.69849711	
11/16/2003 14:16	23.47	74.246	28.4242	73.366994	5.3082562	1.138	2.4365317	5.498265896	
11/16/2003 14:46	23.52	74.336	28.4317	73.447260	5.3083231	1.142	2.1260693	4.898034682	
11/16/2003 15:15	23.54	74.372	27.3488	83.227536	6.0502882	1.139	1.8256071	4.497803597	
11/16/2003 15:45	23.48	74.264	28.1857	88.507802	6.4074048	1.137	1.5751447	5.097572383	
11/16/2003 16:16	23.4	74.12	27.9957	93.788057	6.8036730	1.129	1.3346820	3.99734104	
11/16/2003 16:46	23.27	73.886	27.9283	96.368323	7.0063058	1.116	1.3942196	4.497109827	
11/16/2003 17:16	23.29	73.922	27.5143	97.848589	7.1257567	1.103	2.4337572	4.496878613	
11/16/2003 17:46	23.63	74.534	27.4476	111.82885	8.0990739	1.092	2.6732947	5.796647399	
11/16/2003 18:15	23.8	74.84	27.8239	103.80913	7.4887775	1.081	3.5328326	6.696416313	
11/16/2003 18:45	23.51	74.318	27.4962	93.089398	6.7592918	1.08	4.2623701	7.5961851	
11/16/2003 19:15	23.21	73.778	27.3468	84.169664	6.1542572	1.078	3.6519077	8.895953886	
11/16/2003 19:46	23.08	73.544	27.3600	77.049919	5.6546179	1.074	4.2614450	5.695722543	
11/16/2003 20:16	22.99	73.382	26.9182	72.530184	5.3544602	1.073	3.2809826	6.295491329	
11/16/2003 20:46	22.98	73.364	27.4477	65.110450	4.8015229	1.072	2.7905202	5.195260116	
11/16/2003 21:16	22.98	73.364	27.4909	61.690716	4.5534061	1.07	2.0000578	3.995028902	
11/16/2003 21:45	22.91	73.238	27.4963	49.470993	3.6798008	1.068	1.6895956	4.394797816	
11/16/2003 22:15	22.88	73.184	27.4831	61.851259	4.5761623	1.066	2.3691332	4.794566602	
11/16/2003 22:46	22.86	73.148	27.2581	60.831514	4.5129185	1.067	2.6686705	5.09433526	
11/16/2003 23:18	23.23	73.814	27.6293	56.110059	4.1188080	1.067	2.6681677	5.294083879	
11/16/2003 23:46	23.41	74.138	27.7310	67.592046	4.9233789	1.071	2.8477456	5.593872832	
11/17/2003 0:16	23.41	74.138	27.9289	74.672312	5.4267405	1.085	4.4372832	6.293641618	
11/17/2003 0:46	23.33	73.994	27.9956	66.652578	4.8548364	1.096	3.5868208	4.993410405	
11/17/2003 1:16	23.31	73.958	27.2072	70.932843	5.1940068	1.099	4.7463583	5.093179191	
11/17/2003 1:45	23.25	73.85	27.2147	55.613120	4.0957245	1.107	1.8158962	3.492948105	
11/17/2003 2:15	23.27	73.886	27.2365	53.493386	3.9399279	1.116	2.2354337	4.492716891	
11/17/2003 2:46	23.27	73.886	27.1413	40.873641	3.0334713	1.12	1.5649710	3.792485549	
11/17/2003 3:16	23.28	73.904	27.3884	30.953907	2.3082713	1.12	1.8745086	3.792254335	
11/17/2003 3:46	23.25	73.85	27.2533	61.634173	4.5284533	1.109	2.3640462	5.192023121	
11/17/2003 4:16	23.19	73.742	27.1873	63.114439	4.6440947	1.108	3.3335838	4.591791908	
11/17/2003 4:45	23.13	73.634	26.9766	65.294716	4.8154190	1.1	4.6831216	4.491560822	
11/17/2003 5:15	22.99	73.382	26.5847	51.274982	3.8339641	1.098	2.5426592	3.791329608	
11/17/2003 5:46	23.08	73.544	26.0138	59.855236	4.4633428	1.097	1.9921965	4.391098266	
11/17/2003 6:16	23.08	73.544	25.7061	68.235502	5.0786381	1.093	3.0917341	4.690867052	
11/17/2003 6:46	23.08	73.544	26.7420	69.115768	5.1048114	1.089	2.5412716	4.990635838	
11/17/2003 7:16	23	73.4	26.4101	64.296034	4.7779797	1.086	2.4208092	4.290404624	
11/17/2003 7:45	23.05	73.49	26.3762	60.576311	4.5055566	1.083	2.7803470	4.190173539	
11/17/2003 8:15	23.05	73.49	27.2873	59.656577	4.4064430	1.079	2.7198846	4.089942325	
11/17/2003 8:46	23.12	73.616	27.2585	61.136832	4.5065786	1.08	2.5994219	4.889710983	
11/17/2003 9:16	23.13	73.634	27.2660	60.017098	4.4244855	1.08	4.6789595	4.689479769	
11/17/2003 9:46	23.12	73.616	27.1986	58.497364	4.3184283	1.08	3.5784971	5.589248555	
11/17/2003 10:16	23.13	73.634	27.1576	56.877630	4.2020311	1.081	2.5980346	5.189017341	
11/17/2003 10:45	23.13	73.634	26.9718	51.957906	3.8540068	1.086	1.8675725	3.188786256	
11/17/2003 11:15	23.17	73.706	26.2897	55.938172	4.1611816	1.093	2.2871100	5.688555042	
11/17/2003 11:45	23.19	73.742	26.2872	52.818438	3.9341580	1.107	1.7466476	3.888323828	

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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11/17/2003 12:16	23.18	73.724	26.7989	58.298693	4.3119518	1.114	1.3161849	5.888092486	
11/17/2003 12:46	23.22	73.796	26.8764	64.878959	4.7792425	1.124	4.1257225	5.087861272	
11/17/2003 13:16	23.24	73.832	26.9730	67.159225	4.9379900	1.131	1.8052601	4.087630058	
11/17/2003 13:46	23.35	74.03	27.0454	69.639491	5.1022205	1.132	4.0547976	6.087398844	
11/17/2003 14:15	23.44	74.192	26.7776	69.119768	5.0645788	1.136	1.7443355	5.387167759	
11/17/2003 14:45	23.48	74.264	27.0818	75.900034	5.5381249	1.141	2.1038730	6.886936545	
11/17/2003 15:16	23.48	74.264	26.9453	67.180289	4.9143474	1.141	1.9834104	5.486705202	
11/17/2003 15:46	23.53	74.354	26.4086	63.960554	4.6960745	1.145	21.212947	5.886473988	
11/17/2003 16:16	23.52	74.336	26.8255	67.940820	4.9691338	1.139	2.3524855	7.086242775	
11/17/2003 16:48	23.6	74.48	26.0320	64.719343	4.7567094	1.138	1.8019822	6.085991137	
11/17/2003 17:16	23.61	74.498	26.7271	70.901352	5.1763200	1.124	2.3515606	7.685780347	
11/17/2003 17:46	23.72	74.696	26.6184	67.981618	4.9577320	1.109	1.3710982	5.385549133	
11/17/2003 18:15	23.89	75.002	22.8509	86.361895	6.4000485	1.101	2.3506360	7.185318048	
11/17/2003 18:45	23.83	74.894	24.7291	76.742161	5.6453894	1.084	1.8601736	6.785086834	
11/17/2003 19:16	23.77	74.786	24.3308	65.822416	4.8789547	1.076	2.7697109	6.484855491	
11/17/2003 19:46	23.78	74.804	24.3119	65.902682	4.8843316	1.06	8.0792485	6.684624277	
11/17/2003 20:16	23.78	74.804	23.8174	68.282947	5.0737538	1.047	19.248786	6.084393064	
11/17/2003 20:46	23.71	74.678	23.7001	75.863213	5.6321439	1.037	2.4683236	5.78416185	
11/17/2003 21:15	23.65	74.57	22.8225	74.943490	5.6039645	1.024	2.2778615	6.183930764	
11/17/2003 21:45	23.6	74.48	22.7808	80.223756	5.9916230	1.012	2.6473991	6.88369955	
11/17/2003 22:16	23.43	74.174	23.2583	78.604011	5.8761792	0.992	2.7669364	6.983468208	
11/17/2003 22:46	23.39	74.102	24.3976	77.884277	5.7876296	0.979	2.7064739	6.883236994	
11/17/2003 23:16	23.34	74.012	24.3410	74.364543	5.5413473	0.977	2.9560115	7.48300578	
11/17/2003 23:46	23.29	73.922	25.0816	68.444809	5.0933201	0.983	3.0755491	5.682774566	
11/18/2003 0:15	23.25	73.85	25.2147	62.525086	4.6660789	0.985	3.2550869	5.682543481	
11/18/2003 0:45	23.22	73.796	25.0417	63.405352	4.7390417	0.992	3.1946245	5.082312267	
11/18/2003 1:16	23.15	73.67	24.7982	62.985606	4.7251755	0.995	5.3941618	4.782080925	
11/18/2003 1:48	23.17	73.706	24.6766	59.964129	4.5095250	1.002	2.7036585	5.381829287	
11/18/2003 2:18	23.16	73.688	24.4416	60.544395	4.5609115	1.013	2.8931961	5.381598073	
11/18/2003 2:45	23.17	73.706	23.4364	58.426415	4.4433026	1.019	3.0127748	4.581387412	
11/18/2003 3:16	23.12	73.616	24.0494	55.606670	4.2233804	1.022	14.792312	13.08115607	
11/18/2003 3:46	23.06	73.508	24.4620	50.886936	3.8747738	1.027	2.7618497	5.480924855	
11/18/2003 4:18	22.9	73.22	24.8539	59.365448	4.4894064	1.027	2.6413461	4.780673089	
11/18/2003 4:46	22.75	72.95	25.1531	61.347468	4.6378876	1.022	27.180924	5.980462428	
11/18/2003 5:16	22.7	72.86	25.5201	61.327734	4.6287042	1.02	5.8804624	5.180231214	
11/18/2003 5:46	22.62	72.716	26.1980	66.008	4.9504664	1.009	3.5	6.78	
11/18/2003 6:15	22.66	72.788	26.3432	66.188276	4.9538788	0.992	4.5295378	6.379768915	
11/18/2003 6:45	22.82	73.076	26.0968	69.268542	5.1673961	0.986	76.009075	6.579537701	
11/18/2003 7:16	22.82	73.076	26.0643	69.548797	5.1887700	0.976	4.1086127	4.879306358	
11/18/2003 7:46	22.81	73.058	26.0255	70.129063	5.2330958	0.962	3.7981502	5.679075145	
11/18/2003 8:16	22.92	73.256	25.9688	70.509329	5.2505635	0.956	4.7176878	5.778843931	
11/18/2003 8:46	22.9	73.22	26.5084	70.689595	5.2463167	0.947	5.4472254	5.778612717	
11/18/2003 9:15	23	73.4	26.4638	73.069872	5.4086387	0.946	5.1967632	8.378381631	
11/18/2003 9:45	23.11	73.598	26.3593	73.550138	5.4350366	0.944	11.116300	5.978150417	
11/18/2003 10:16	23.23	73.814	26.2927	75.330393	5.5527130	0.94	4.2258381	5.677919075	
11/18/2003 10:46	23.39	74.102	26.2702	77.410658	5.6860683	0.941	3.8553757	6.377687861	
11/18/2003 11:16	23.48	74.264	26.3091	75.790924	5.5580755	0.937	5.9949132	5.377456647	
11/18/2003 11:46	23.68	74.624	26.5277	82.671190	6.0244725	0.94	2.6344508	5.277225434	
11/18/2003 12:15	23.79	74.822	26.2728	86.651467	6.3086387	0.95	2.2039886	4.976994348	
11/18/2003 12:45	23.9	75.02	26.1804	88.531733	6.4355401	0.956	30.403526	6.676763134	

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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11/18/2003 13:16	23.98	75.164	26.5695	84.611988	6.1302000	0.962	20.093063	7.176531792	
11/18/2003 13:46	23.99	75.182	26.5820	84.092254	6.0911872	0.967	4.3426011	8.576300578	
11/18/2003 14:16	24.11	75.398	26.6915	83.172520	6.0078526	0.97	4.4021387	7.376069364	
11/18/2003 14:46	24.05	75.29	26.7832	85.852786	6.2043398	0.975	4.0316763	7.67583815	
11/18/2003 15:15	24.22	75.596	27.5310	97.633062	7.0082467	0.981	31.681214	6.675607065	
11/18/2003 15:46	24.21	75.578	27.8266	97.213208	6.9684222	0.987	27.230748	8.175374438	
11/18/2003 16:15	24.15	75.47	27.8448	90.793594	6.5114526	0.99	2.5102892	6.875144637	
11/18/2003 16:46	24.24	75.632	27.6448	95.073849	6.8174502	0.993	1.8998265	6.674913295	
11/18/2003 17:16	24.29	75.722	27.2558	91.754115	6.5866525	0.993	2.0193641	5.974682081	
11/18/2003 17:46	24.51	76.118	26.9060	87.234381	6.2493927	0.993	516.05890	5.874450867	
11/18/2003 18:16	24.95	76.91	25.8800	105.31464	7.5419530	0.989	3.9684393	6.474219653	
11/18/2003 18:45	24.82	76.676	24.8976	89.094924	6.4220479	0.982	33.447977	9.973988568	
11/18/2003 19:15	24.26	75.668	26.4692	80.875190	5.8338691	0.965	5.3175147	9.873757354	
11/18/2003 19:46	24.05	75.29	26.5573	78.655445	5.6935439	0.955	6.4170520	8.473526012	
11/18/2003 20:16	23.87	74.966	26.5291	77.635710	5.6406546	0.941	9.8865895	8.873294798	
11/18/2003 20:46	23.81	74.858	26.5716	77.015976	5.6009834	0.927	6.9561271	9.373063584	
11/18/2003 21:16	23.78	74.804	26.5677	76.596242	5.5741311	0.918	16.115664	7.77283237	
11/18/2003 21:45	23.75	74.75	25.7479	76.976519	5.6343320	0.912	5.8652025	8.972601285	
11/18/2003 22:15	23.65	74.57	26.6676	77.356785	5.6395404	0.902	5.6747401	7.272370071	
11/18/2003 22:46	23.67	74.606	26.4968	77.137040	5.6276653	0.898	5.3742774	8.272138728	
11/18/2003 23:16	23.69	74.642	26.3566	75.817306	5.5353770	0.888	5.3738150	8.171907514	
11/18/2003 23:46	23.8	74.84	26.1894	70.297572	5.1314343	0.885	5.1833526	7.971676301	
11/19/2003 0:16	23.76	74.768	26.2005	72.677838	5.3070128	0.896	5.2528901	7.571445087	
11/19/2003 0:45	23.77	74.786	26.1894	55.658115	4.0791981	0.911	2.8024280	4.871214001	
11/19/2003 1:15	23.59	74.462	26.3574	57.238380	4.2067081	0.924	23.491965	6.970982787	
11/19/2003 1:45	23.55	74.39	26.4127	30.718646	2.2970048	0.931	2.0115031	3.370751574	
11/19/2003 2:16	23.53	74.354	26.4559	26.998901	2.0294371	0.939	2.4410404	5.070520231	
11/19/2003 2:46	23.52	74.336	26.5147	34.379167	2.5605254	0.953	2.8705780	3.870289017	
11/19/2003 3:16	23.55	74.39	26.5836	30.559433	2.2793743	0.966	3.7801156	4.770057803	
11/19/2003 3:46	23.61	74.498	27.0404	22.839699	1.6997958	0.976	2.4996531	4.56982659	
11/19/2003 4:15	23.68	74.624	27.4765	20.819976	1.5308427	0.983	2.0691910	4.569595504	
11/19/2003 4:45	23.75	74.75	26.4920	35.600242	2.6243138	0.99	14.948728	12.46936429	
11/19/2003 5:18	23.74	74.732	28.0164	23.778732	1.7181926	0.994	2.6182245	4.669112267	
11/19/2003 5:45	23.76	74.768	28.1602	14.260773	1.0245926	0.994	2.6778037	4.168901863	
11/19/2003 6:16	23.81	74.858	28.4216	9.7410289	0.6838583	0.989	3.2873410	25.26867052	
11/19/2003 6:48	23.67	74.606	28.3114	33.119529	2.3886755	0.977	1270.7468	5.268418626	
11/19/2003 7:16	23.5	74.3	27.3968	48.601560	3.5563866	0.971	28.986416	5.768208092	
11/19/2003 7:46	23.54	74.372	27.5248	36.281826	2.6591644	0.951	2.3759537	3.567976879	
11/19/2003 8:16	23.45	74.21	27.2777	43.562092	3.2027773	0.931	2.7954913	4.867745665	
11/19/2003 8:46	23.6	74.48	27.5363	49.342358	3.5938766	0.921	3.3450289	4.767514451	
11/19/2003 9:15	23.63	74.534	27.1308	51.822635	3.7840302	0.912	5.1745667	4.567283365	
11/19/2003 9:45	23.65	74.57	26.9914	54.302901	3.9656962	0.897	3.5341043	4.667052152	
11/19/2003 10:16	23.67	74.606	26.6438	63.383156	4.6307186	0.892	4.2636416	6.466820809	
11/19/2003 10:46	23.63	74.534	26.5536	66.263421	4.8459930	0.871	4.2031791	5.166589595	
11/19/2003 11:16	23.62	74.516	26.4748	62.943687	4.6105666	0.85	5.1727167	5.166358382	
11/19/2003 11:46	23.63	74.534	26.3090	69.023953	5.0538326	0.815	7.9822543	8.066127168	
11/19/2003 12:18	23.66	74.588	26.0654	76.802454	5.6201610	0.83	5.8517505	7.965875273	
11/19/2003 12:46	23.76	74.768	25.8504	78.284485	5.7238548	0.824	7.2513294	7.66566474	
11/19/2003 13:15	23.83	74.894	25.9328	76.664762	5.5964766	0.815	6.5808673	7.665433654	
11/19/2003 13:45	23.88	74.984	26.0152	74.145028	5.4063876	0.815	4.3804048	6.565202441	

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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11/19/2003 14:16	23.9	75.02	25.9507	80.225283	5.8449169	0.856	6.7599421	8.764971098	
11/19/2003 14:46	23.83	74.894	25.8790	81.805549	5.9690638	0.875	7.0694797	8.464739884	
11/19/2003 15:16	23.77	74.786	26.0812	78.185815	5.7073414	0.893	10.119017	9.164508671	
11/19/2003 15:46	23.79	74.822	26.6557	75.366080	5.4811765	0.906	7.7985549	10.76427746	
11/19/2003 16:15	23.78	74.804	26.8280	73.346357	5.3304432	0.916	7.9180927	8.664046371	
11/19/2003 16:45	23.77	74.786	26.8954	66.726623	4.8518234	0.931	5.5976303	7.363815157	
11/19/2003 17:16	23.75	74.75	27.0805	66.906878	4.8603364	0.948	4.1971676	7.863583815	
11/19/2003 17:48	23.72	74.696	26.9767	54.385368	3.9645417	0.962	12.556663	8.763331792	
11/19/2003 18:16	23.63	74.534	27.1768	54.667410	3.9874833	0.974	3.8862427	8.263121387	
11/19/2003 18:46	23.44	74.192	27.2214	50.547676	3.7095551	0.976	3.3957803	6.862890173	
11/19/2003 19:16	23.38	74.084	27.3245	58.927942	4.3166015	0.974	3.9453179	8.26265896	
11/19/2003 19:46	23.32	73.976	27.3306	60.708208	4.4512798	0.981	10.544855	7.662427746	
11/19/2003 20:15	23.24	73.832	27.3324	63.888484	4.6892329	0.977	4.6243933	7.56219666	
11/19/2003 20:45	23.19	73.742	27.1987	61.268750	4.5106135	0.976	5.0439308	8.061965446	
11/19/2003 21:15	23.14	73.652	27.2097	64.449016	4.7449620	0.978	4.3734684	7.961734232	
11/19/2003 21:46	23.12	73.616	27.1951	61.429271	4.5299441	0.976	26.833005	7.46150289	
11/19/2003 22:16	23.01	73.418	27.1891	61.509537	4.5479388	0.976	34.892543	5.961271676	
11/19/2003 22:46	22.91	73.238	26.4541	54.889803	4.1080136	0.97	4.0720809	6.061040462	
11/19/2003 23:16	22.82	73.076	27.2362	53.670069	4.0017273	0.961	3.9416184	5.860809249	
11/19/2003 23:45	22.72	72.896	27.3443	61.050346	4.5408548	0.961	24.451156	6.060578163	
11/20/2003 0:15	22.65	72.77	27.4516	65.630612	4.8748572	0.959	6.2006938	6.060346949	
11/20/2003 0:46	22.57	72.626	27.6545	62.410867	4.6441283	0.957	67.850231	6.660115607	
11/20/2003 1:16	22.45	72.41	27.8503	68.991132	5.1245969	0.966	11.569768	7.959884393	
11/20/2003 1:46	22.35	72.23	27.8115	69.171398	5.1498928	0.981	7.9093063	6.859653179	
11/20/2003 2:18	22.23	72.014	27.8218	71.349877	5.3196692	1.007	19.448802	8.559401028	
11/20/2003 2:46	22.2	71.96	27.9663	72.531930	5.4029642	1.025	11.268381	7.759190751	
11/20/2003 3:16	22.17	71.906	27.8796	68.812196	5.1411603	1.042	11.997919	7.658959538	
11/20/2003 3:45	22.12	71.816	27.8094	69.292473	5.1837666	1.069	19.927456	8.358728452	
11/20/2003 4:15	22.03	71.654	27.7706	69.972739	5.2440224	1.087	34.096994	7.658497238	
11/20/2003 4:46	21.99	71.582	27.0192	70.552994	5.3172669	1.107	16.456531	8.258265896	
11/20/2003 5:18	21.85	71.33	28.4609	73.831473	5.5170033	1.129	11.876027	10.95801374	
11/20/2003 5:46	21.8	71.24	28.5070	72.713526	5.4401915	1.138	9.8556069	7.957803468	
11/20/2003 6:16	21.73	71.114	28.4846	69.893791	5.2453267	1.143	8.7651445	8.557572254	
11/20/2003 6:46	21.67	71.006	28.5092	70.874057	5.3216574	1.156	9.0046820	8.15734104	
11/20/2003 7:16	21.59	70.862	28.5609	71.354323	5.3631425	1.168	7.6042196	6.557109827	
11/20/2003 7:48	21.51	70.718	28.6304	73.332813	5.5120087	1.161	8.2137156	7.156857803	
11/20/2003 8:16	21.44	70.592	28.6750	76.214855	5.7258275	1.149	8.0232947	7.256647399	
11/20/2003 8:45	21.39	70.502	28.6412	80.195132	6.0194743	1.141	9.0028326	7.756416313	
11/20/2003 9:15	21.41	70.538	28.6487	78.375398	5.8858212	1.138	18.402370	8.9561851	
11/20/2003 9:46	21.43	70.574	28.5849	81.455653	6.1080249	1.135	17.671907	8.155953757	
11/20/2003 10:16	21.51	70.718	28.1110	82.735919	6.2086726	1.129	11.871445	8.755722543	
11/20/2003 10:46	21.62	70.916	28.5692	83.316184	6.2220227	1.123	13.700982	7.755491329	
11/20/2003 11:16	21.73	71.114	28.4748	82.396450	6.1471212	1.099	18.400520	8.155260116	
11/20/2003 11:45	21.85	71.33	28.2947	82.776727	6.1679415	1.111	17.360058	7.85502903	
11/20/2003 12:15	21.98	71.564	28.2715	83.756993	6.2252824	1.101	18.219595	9.054797816	
11/20/2003 12:45	22.16	71.888	28.4124	86.637259	6.4082581	1.094	19.619133	9.354566602	
11/20/2003 13:16	22.23	72.014	28.0861	87.917514	6.5046802	1.103	16.628670	9.65433526	
11/20/2003 13:46	22.3	72.14	27.6807	86.697780	6.4237031	1.109	18.828208	10.35410405	
11/20/2003 14:16	22.43	72.374	28.3187	86.678046	6.3851431	1.131	16.627745	10.65387283	
11/20/2003 14:46	22.49	72.482	28.5936	82.658312	6.0788818	1.154	18.887283	9.753641618	

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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11/20/2003 15:15	22.74	72.932	29.5112	88.038589	6.4065180	1.167	13.456821	8.753410533	
11/20/2003 15:45	22.81	73.058	30.2169	87.718854	6.3504289	1.191	10.276358	7.753179319	
11/20/2003 16:15	22.84	73.112	30.6702	87.699120	6.3294188	1.207	11.555896	7.652948105	
11/20/2003 16:46	22.8	73.04	30.4181	92.579375	6.6947207	1.224	9.2954335	8.052716763	
11/20/2003 17:16	22.73	72.914	30.1981	93.359641	6.7665280	1.229	8.4449710	7.052485549	
11/20/2003 17:46	22.65	72.77	30.0073	91.539907	6.6509126	1.236	9.3645086	8.052254335	
11/20/2003 18:16	22.58	72.644	29.8308	90.620162	6.5985829	1.248	7.7140459	8.252022993	
11/20/2003 18:46	22.53	72.554	29.1822	89.500439	6.5466518	1.25	6.3735838	7.751791908	
11/20/2003 19:16	22.45	72.41	27.8952	89.580705	6.6074892	1.257	6.9831213	8.151560694	
11/20/2003 19:46	22.32	72.176	29.1658	89.660971	6.5817053	1.25	7.2826589	8.75132948	
11/20/2003 20:15	22.26	72.068	28.8845	86.041247	6.3373915	1.241	8.9321967	8.051098394	
11/20/2003 20:45	22.1	71.78	28.5368	86.021513	6.3659247	1.237	10.581734	10.05086718	
11/20/2003 21:15	22.07	71.726	28.3960	80.601779	5.9835020	1.226	8.0112719	8.650635967	
11/20/2003 21:46	22.02	71.636	28.2294	81.582034	6.0656229	1.217	6.7308092	8.350404624	
11/20/2003 22:18	21.95	71.51	28.1478	80.860502	6.0241707	1.204	6.3003046	8.450152344	
11/20/2003 22:46	21.89	71.402	28.1125	82.942566	6.1820966	1.189	8.3798843	9.049942197	
11/20/2003 23:16	21.84	71.312	27.6821	78.522832	5.8843781	1.168	8.8094219	8.749710983	
11/20/2003 23:46	21.8	71.24	28.1632	75.403098	5.6464867	1.145	8.4389595	7.749479769	
11/21/2003 0:15	21.76	71.168	27.1701	73.383375	5.5409767	1.125	11.058497	7.549248683	
11/21/2003 0:45	21.65	70.97	28.2395	73.463641	5.5202532	1.111	8.2580349	8.749017469	
11/21/2003 1:15	21.59	70.862	28.4624	75.343906	5.6543362	1.098	42.437572	7.948786256	
11/21/2003 1:46	21.45	70.61	28.1333	76.024161	5.7304911	1.092	5.4471098	7.248554913	
11/21/2003 2:16	21.47	70.646	27.5603	74.604427	5.6465776	1.098	5.9366473	6.048323699	
11/21/2003 2:46	21.4	70.52	27.5992	72.984693	5.5360248	1.112	5.3261849	6.948092486	
11/21/2003 3:16	21.36	70.448	27.1288	76.064959	5.7794041	1.124	4.8357225	7.047861272	
11/21/2003 3:45	21.3	70.34	26.7997	76.045236	5.7963705	1.139	4.5952603	7.247630186	
11/21/2003 4:15	21.29	70.322	26.5419	75.225502	5.7476386	1.158	4.9547979	7.847398972	
11/21/2003 4:46	21.25	70.25	26.8297	75.405757	5.7546344	1.171	5.0743352	7.54716763	
11/21/2003 5:16	21.24	70.232	27.2230	75.186023	5.7257210	1.182	4.9538728	6.546936416	
11/21/2003 5:46	21.17	70.106	27.5558	77.266289	5.8713600	1.195	55.373410	6.346705202	
11/21/2003 6:16	21.12	70.016	27.3137	78.246554	5.9562032	1.207	4.7729479	6.746473988	
11/21/2003 6:45	21.05	69.89	26.8761	75.526831	5.7834923	1.214	3.7924858	7.946242903	
11/21/2003 7:15	20.94	69.692	26.4750	76.307097	5.8661811	1.22	17.712023	6.446011689	
11/21/2003 7:46	20.9	69.62	26.4169	72.387352	5.5900193	1.223	3.1815606	5.545780347	
11/21/2003 8:16	20.88	69.584	26.4122	76.967618	5.9226027	1.224	3.9110982	6.445549133	
11/21/2003 8:46	20.83	69.494	26.2964	80.647884	6.1975714	1.209	3.3606358	7.045317919	
11/21/2003 9:16	20.84	69.512	26.2589	84.028150	6.4415459	1.204	60.800173	6.445086705	
11/21/2003 9:45	20.9	69.62	26.2443	86.408427	6.6071495	1.191	3.2997112	7.34485562	
11/21/2003 10:15	20.99	69.782	26.4608	87.488693	6.6674336	1.182	4.9492488	7.244624406	
11/21/2003 10:46	21.11	69.998	26.7144	90.568947	6.8673118	1.164	4.0987861	6.844393064	
11/21/2003 11:16	21.22	70.196	26.9900	89.449213	6.7646648	1.162	4.3983236	7.24416185	
11/21/2003 11:46	21.37	70.466	27.0667	88.729479	6.6936612	1.144	4.7078612	6.243930636	
11/21/2003 12:16	21.53	70.754	27.1192	90.509745	6.8026906	1.133	4.8273988	7.043699422	
11/21/2003 12:46	21.64	70.952	27.1088	91.190011	6.8401194	1.123	4.9469364	6.643468208	
11/21/2003 13:15	21.72	71.096	27.1185	93.670288	7.0098801	1.109	5.0064742	6.443237123	
11/21/2003 13:45	21.83	71.294	27.1631	93.750554	7.0020719	1.097	5.7360118	6.243005909	
11/21/2003 14:16	21.83	71.294	27.2077	92.730809	6.9269429	1.089	6.4755491	6.742774566	
11/21/2003 14:46	21.7	71.06	27.5126	84.011075	6.3014433	1.087	6.4750867	6.742543353	
11/21/2003 15:16	21.71	71.078	27.7091	83.791341	6.2774362	1.088	7.0246242	6.242312139	
11/21/2003 15:48	22.13	71.834	27.5397	93.169787	6.9139405	1.106	5.9241192	6.642059602	

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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11/21/2003 16:16	22.16	71.888	27.2563	99.151872	7.3521830	1.111	5.6736994	6.941849711	
11/21/2003 16:48	22.14	71.852	27.1182	98.730318	7.3289376	1.128	5.9231943	6.741597174	
11/21/2003 17:16	22.11	71.798	27.0209	97.912404	7.2767388	1.138	6.1027745	6.741387283	
11/21/2003 17:48	22.02	71.636	26.8672	95.290850	7.1030682	1.144	6.4722694	7.741134746	
11/21/2003 18:16	21.99	71.582	26.3948	92.272936	6.9057546	1.151	6.3518497	6.640924855	
11/21/2003 18:48	21.92	71.456	26.8416	88.451382	6.6217655	1.155	6.6513446	6.140672319	
11/21/2003 19:16	21.88	71.384	26.8670	85.733468	6.4292507	1.157	5.1909248	5.240462428	
11/21/2003 19:46	21.81	71.258	26.8951	81.813734	6.1532530	1.156	5.9204624	6.640231214	
11/21/2003 20:15	21.76	71.168	26.8698	84.694010	6.3672818	1.148	85.510000	7.040000128	
11/21/2003 20:45	21.71	71.078	26.7854	87.574276	6.5834408	1.13	5.5495378	7.039768915	
11/21/2003 21:16	21.75	71.15	26.9105	90.654531	6.7966605	1.12	4.9990751	6.939537572	
11/21/2003 21:46	21.71	71.078	27.1413	86.034797	6.4596311	1.104	5.1886127	6.839306358	
11/21/2003 22:16	21.62	70.916	27.1994	86.815063	6.5236050	1.089	5.4881502	7.039075145	
11/21/2003 22:46	21.59	70.862	27.1727	85.295329	6.4182644	1.076	4.4476878	5.538843931	
11/21/2003 23:15	21.59	70.862	27.3763	87.775606	6.5897614	1.062	8.1772256	5.438612845	
11/21/2003 23:45	21.54	70.772	27.4095	89.555872	6.7223740	1.052	4.7567632	5.238381631	
11/22/2003 0:15	21.49	70.682	27.4876	79.336138	5.9881691	1.047	4.6363008	5.538150417	
11/22/2003 0:46	21.5	70.7	27.5936	76.716393	5.7943820	1.039	4.6958381	5.437919075	
11/22/2003 1:16	21.5	70.7	27.6845	78.396658	5.9122549	1.032	5.0553757	6.537687861	
11/22/2003 1:46	21.49	70.682	27.6164	68.676924	5.2150034	1.029	5.5449132	5.737456647	
11/22/2003 2:16	21.46	70.628	27.5348	55.157190	4.2464397	1.026	4.9944508	4.837225434	
11/22/2003 2:45	21.41	70.538	27.5915	59.837467	4.5872958	1.025	4.3839886	7.536994348	
11/22/2003 3:15	21.37	70.466	27.6553	56.817733	4.3716344	1.037	4.5735262	5.036763134	
11/22/2003 3:46	21.33	70.394	27.6607	73.197988	5.5568176	1.056	4.5730635	5.536531792	
11/22/2003 4:18	21.3	70.34	27.1233	80.876434	6.1330502	1.073	13.962558	5.036279255	
11/22/2003 4:46	21.26	70.268	26.7414	79.258520	6.0345059	1.089	4.7521387	6.136069364	
11/22/2003 5:16	21.24	70.232	27.3302	68.638786	5.2498075	1.108	7.0716763	5.33583815	
11/22/2003 5:46	21.18	70.124	27.0924	78.119052	5.9484367	1.127	11.161213	4.135606936	
11/22/2003 6:16	21.11	69.998	26.9351	75.199317	5.7512146	1.141	21.290751	4.235375723	
11/22/2003 6:45	20.97	69.746	26.4634	76.479594	5.8757660	1.155	3.8302892	4.035144637	
11/22/2003 7:15	20.95	69.71	26.2997	80.559860	6.1780250	1.168	3.2198268	4.834913423	
11/22/2003 7:46	20.96	69.728	26.2387	78.940115	6.0623459	1.179	3.6493641	4.434682081	
11/22/2003 8:16	20.97	69.746	26.1828	81.820381	6.270938	1.184	3.9489017	4.634450867	
11/22/2003 8:46	20.99	69.782	26.0904	78.600647	6.0399394	1.192	3.7684393	3.234219653	
11/22/2003 9:16	21.05	69.89	26.0466	82.180913	6.2931149	1.198	3.5279768	6.133988439	
11/22/2003 9:45	21.1	69.98	26.0049	82.761190	6.3310042	1.186	3.5875147	2.833757354	
11/22/2003 10:15	21.21	70.178	25.9817	86.041456	6.5563552	1.176	4.0770522	4.73352614	
11/22/2003 10:46	21.3	70.34	25.8901	90.621710	6.8800801	1.164	3.8265895	3.833294798	
11/22/2003 11:16	21.36	70.448	25.8855	91.301976	6.9227535	1.146	4.0161271	4.233063584	
11/22/2003 11:46	21.44	70.592	25.8937	90.682242	6.8690548	1.136	3.8856647	5.33283237	
11/22/2003 12:16	21.5	70.7	25.9561	92.262508	6.9742047	1.121	4.6852023	4.932601156	
11/22/2003 12:45	21.54	70.772	26.2104	94.142785	7.0962588	1.11	4.8047401	5.432370071	
11/22/2003 13:15	21.7	71.06	26.7457	99.523051	7.4474660	1.097	5.3542777	4.632138857	
11/22/2003 13:48	21.82	71.276	27.1461	99.301486	7.4039950	1.082	4.8637723	5.631886191	
11/22/2003 14:15	21.96	71.528	27.2449	103.88358	7.7155464	1.074	4.2533528	5.031676429	
11/22/2003 14:45	22	71.6	27.3223	98.763849	7.3392671	1.066	4.8028904	5.531445215	
11/22/2003 15:16	22.02	71.636	27.3669	99.744104	7.4061582	1.056	5.1024277	5.131213873	
11/22/2003 15:46	22.06	71.708	27.3131	98.024369	7.2797431	1.057	18.291965	5.230982659	
11/22/2003 16:16	22.13	71.834	27.1523	97.204635	7.2187994	1.067	4.5615028	4.230751445	
11/22/2003 16:46	22.16	71.888	26.5465	99.384901	7.3945370	1.082	34.281040	4.130520231	

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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11/22/2003 17:15	22.06	71.708	26.6410	97.465178	7.2636223	1.09	10.290578	5.330289146	
11/22/2003 17:45	21.99	71.582	26.7476	93.645444	6.9920104	1.102	23.110115	5.230057932	
11/22/2003 18:16	21.96	71.528	26.7459	92.725699	6.9290303	1.106	4.0696531	4.42982659	
11/22/2003 18:46	21.94	71.492	26.8275	91.205965	6.8186970	1.113	4.8591907	5.229595376	
11/22/2003 19:16	21.9	71.42	26.8308	85.686231	6.4249679	1.118	4.2487283	5.529364162	
11/22/2003 19:48	21.89	71.402	26.8439	78.764666	5.9265386	1.123	6.6882229	3.829111496	
11/22/2003 20:16	21.81	71.258	26.7809	85.846763	6.4481482	1.125	7.2378034	4.228901734	
11/22/2003 20:46	21.75	71.15	26.8768	84.027028	6.3200314	1.124	11.207341	4.72867052	
11/22/2003 21:15	21.79	71.222	26.9143	77.207305	5.8226207	1.118	15.906878	4.228439435	
11/22/2003 21:45	21.82	71.276	26.8369	85.387571	6.4119330	1.097	60.516416	4.628208221	
11/22/2003 22:16	21.85	71.33	26.6454	88.567826	6.6448525	1.085	3.4559537	3.927976879	
11/22/2003 22:46	21.88	71.384	26.6729	87.548092	6.5670705	1.071	21.335491	4.127745665	
11/22/2003 23:16	22.02	71.636	27.1961	100.92835	7.4976943	1.058	3.8750289	4.927514451	
11/22/2003 23:46	22.07	71.726	27.3369	101.00862	7.4929599	1.047	4.3645664	4.427283237	
11/23/2003 0:16	22	71.6	27.3516	99.488890	7.3904901	1.04	4.6141040	5.127052023	
11/23/2003 0:45	21.87	71.366	27.3149	93.069167	6.9431196	1.033	5.1636418	4.726820938	
11/23/2003 1:15	21.84	71.312	27.3338	87.549432	6.5477357	1.026	4.7931794	4.926589724	
11/23/2003 1:46	21.81	71.258	27.2964	84.029687	6.2985794	1.018	4.3627167	4.326358382	
11/23/2003 2:16	21.73	71.114	27.2782	78.709953	5.9244006	1.015	90.542254	7.726127168	
11/23/2003 2:46	21.72	71.096	27.1202	73.990219	5.5908842	1.01	3.0217919	4.125895954	
11/23/2003 3:16	21.73	71.114	27.2354	56.670485	4.3368942	1.01	2.1613294	3.42566474	
11/23/2003 3:45	21.73	71.114	26.9819	39.750762	3.1261090	1.018	3.3208673	6.625433654	
11/23/2003 4:15	21.68	71.024	27.2105	77.231028	5.8256566	1.039	2.7804048	8.125202441	
11/23/2003 4:48	21.82	71.276	27.3999	66.809441	5.0521839	1.055	3.1398990	6.024949518	
11/23/2003 5:15	21.88	71.384	26.7249	25.291560	2.0765044	1.075	30.729480	5.324740013	
11/23/2003 5:46	21.78	71.204	27.3393	58.471815	4.4575809	1.096	3.2590173	3.624508671	
11/23/2003 6:16	21.8	71.24	26.9995	49.952080	3.8533617	1.115	2.6485549	5.924277457	
11/23/2003 6:46	21.8	71.24	27.4806	64.632346	4.8944902	1.128	3.4480924	6.124046243	
11/23/2003 7:16	21.78	71.204	27.1500	61.912612	4.7124772	1.143	4.2376300	3.323815029	
11/23/2003 7:45	21.78	71.204	27.3594	61.892889	4.7035188	1.153	2.5871678	3.923583943	
11/23/2003 8:15	22.3	72.14	28.6499	30.373155	2.3278060	1.163	21.016705	2.82335273	
11/23/2003 8:46	22.55	72.59	29.5361	20.153410	1.5318103	1.171	3.7462427	2.923121387	
11/23/2003 9:16	22.57	72.626	28.4866	19.533676	1.5227279	1.179	6.9257803	3.022890173	
11/23/2003 9:46	22.69	72.842	29.6652	14.413942	1.0980861	1.181	4.1153179	2.52265896	
11/23/2003 10:16	22.73	72.914	29.6428	23.494208	1.7492214	1.181	4.3548554	4.322427746	
11/23/2003 10:45	21.93	71.474	27.1234	66.174484	5.0043663	1.161	4.1143933	4.32219666	
11/23/2003 11:15	21.75	71.15	26.4833	83.954750	6.3289863	1.139	3.5639308	3.721965446	
11/23/2003 11:45	22.03	71.654	27.0250	80.435016	6.0251925	1.115	4.4734684	4.521734232	
11/23/2003 12:16	22.13	71.834	26.6645	82.915271	6.2060970	1.089	4.2930057	3.92150289	
11/23/2003 12:46	22.17	71.906	26.2313	91.195537	6.8143412	1.071	4.2925433	4.721271676	
11/23/2003 13:16	22.35	72.23	26.2865	94.575803	7.0364479	1.053	4.2920809	3.421040462	
11/23/2003 13:46	22.49	72.482	25.6650	98.156069	7.3017003	1.041	4.8416184	4.820809249	
11/23/2003 14:15	22.68	72.824	26.4135	102.53634	7.5698615	1.025	5.1511563	5.320578163	
11/23/2003 14:45	22.68	72.824	26.1650	99.016612	7.3250358	1.018	5.5706938	5.520346949	
11/23/2003 15:16	22.69	72.842	26.6468	96.896867	7.1537679	1.008	6.4902312	5.720115607	
11/23/2003 15:46	22.7	72.86	27.0145	94.977132	7.0010289	0.999	6.3697687	6.219884393	
11/23/2003 16:16	22.69	72.842	27.0954	94.057398	6.9328913	0.994	6.1793063	4.719653179	
11/23/2003 16:46	22.72	72.896	26.8376	96.737664	7.1321493	0.995	6.4888439	4.819421965	
11/23/2003 17:15	22.63	72.734	27.5491	95.917941	7.0572456	1.012	16.438381	4.81919088	
11/23/2003 17:48	22.6	72.68	27.5965	92.496354	6.8121123	1.022	5.4478759	4.918937958	

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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11/23/2003 18:15	22.89	73.202	28.3436	53.878473	3.9692564	1.029	6.5474569	3.618728452	
11/23/2003 18:45	22.93	73.274	28.4688	73.258739	5.3577070	1.039	7.8269944	4.618497238	
11/23/2003 19:18	22.88	73.184	27.9642	69.137141	5.0841554	1.049	14.176488	3.718244188	
11/23/2003 19:45	23.04	73.472	28.1864	60.819271	4.4589973	1.054	4.0460696	3.818034811	
11/23/2003 20:16	22.87	73.166	28.4314	67.299526	4.9359336	1.06	81.985606	3.117803468	
11/23/2003 20:46	22.72	72.896	28.3027	63.779791	4.7031445	1.066	240.06514	2.717572254	
11/23/2003 21:16	22.92	73.256	28.8472	25.760057	1.9205180	1.068	4.2246820	3.21734104	
11/23/2003 21:46	23.02	73.436	29.5087	16.240323	1.1994307	1.067	52.074219	2.717109827	
11/23/2003 22:15	22.65	72.77	27.9066	92.120600	6.7684074	1.058	2.3937574	6.516878741	
11/23/2003 22:45	22.48	72.464	27.4319	89.800866	6.6367707	1.041	2.7632950	3.816647527	
11/23/2003 23:15	22.47	72.446	27.6991	73.081132	5.4227519	1.033	11.732832	3.616416313	
11/23/2003 23:46	22.21	71.978	27.5839	72.261387	5.3961341	1.02	3.1823699	3.016184971	
11/24/2003 0:16	22.08	71.744	27.5293	75.141653	5.6199348	1.012	4.1619075	4.615953757	
11/24/2003 0:46	22.12	71.816	27.5169	57.421919	4.3384306	1.008	3.1814450	2.415722543	
11/24/2003 1:16	22.11	71.798	27.5750	47.502184	3.6222146	1	3.1809826	2.415491329	
11/24/2003 1:45	22.08	71.744	27.5647	43.982461	3.3720842	0.993	2.3305204	2.815260244	
11/24/2003 2:15	22.11	71.798	27.5615	10.162727	0.9305262	0.985	1.5300580	1.61502903	
11/24/2003 2:46	22.45	72.41	28.0897	- 11.257017	- 0.6699105	0.982	2.2695953	3.614797688	
11/24/2003 3:16	22.63	72.734	28.8817	- 2.9767514	- 0.1210363	0.979	334.23913	2.314566474	
11/24/2003 3:46	22.75	72.95	29.0939	- 17.996485	- 1.2246781	0.977	2.3886705	3.41433526	
11/24/2003 4:15	22.95	73.31	29.6919	- 6.2160332	- 0.4186370	0.975	3.5482124	2.01410623	
11/24/2003 4:46	23.04	73.472	30.0468	- 18.435953	- 1.3222772	0.985	1.1677456	1.713872832	
11/24/2003 5:15	23.14	73.652	30.4487	- 18.555676	- 1.3562779	1.007	4.0372834	2.813641747	
11/24/2003 5:45	23.02	73.436	30.4968	6.4245889	0.4561454	1.028	3.0568210	3.213410533	
11/24/2003 6:16	23.03	73.454	30.6377	7.0048439	0.4918203	1.049	3.4863583	3.713179191	
11/24/2003 6:46	22.93	73.274	30.6602	37.385109	2.6923280	1.074	2.9958959	3.612947977	
11/24/2003 7:16	22.84	73.112	30.5885	35.365375	2.5590949	1.09	2.7554335	3.412716763	
11/24/2003 7:46	22.74	72.932	30.4206	44.045641	3.2018879	1.108	3.4249710	3.812485549	
11/24/2003 8:15	22.57	72.626	29.9053	52.425918	3.8431855	1.121	2.4445089	4.812254464	
11/24/2003 8:45	22.54	72.572	29.7395	54.506184	4.0024115	1.133	2.0140465	4.11202325	
11/24/2003 9:16	22.9	73.22	29.5274	38.786439	2.8374156	1.142	2.9335838	2.511791908	
11/24/2003 9:46	23.09	73.562	29.9521	30.766705	2.2231925	1.146	3.7831213	3.011560694	
11/24/2003 10:16	23.23	73.814	31.0815	41.946971	2.9733724	1.147	3.7226589	2.81132948	
11/24/2003 10:46	23.23	73.814	30.9813	44.027236	3.1269662	1.143	4.0921965	3.811098266	
11/24/2003 11:15	23.17	73.706	29.8163	50.907513	3.6715139	1.135	3.9717343	5.31086718	
11/24/2003 11:45	23.1	73.58	30.4878	63.187779	4.5403772	1.104	4.0912719	5.310635967	
11/24/2003 12:16	22.8	73.04	29.1709	82.768034	6.0322222	1.071	4.2108092	4.910404624	
11/24/2003 12:46	23.11	73.598	27.6150	86.948300	6.3558392	1.049	4.5203468	4.61017341	
11/24/2003 13:16	23.04	73.472	28.7030	97.628566	7.0943482	1.019	5.1298843	4.509942197	
11/24/2003 13:46	22.79	73.022	28.1835	88.708832	6.4971890	0.996	5.6094219	3.609710983	
11/24/2003 14:16	22.89	73.202	28.2431	96.389098	7.0378917	0.972	6.2189595	4.809479769	
11/24/2003 14:45	22.99	73.382	28.3376	97.869375	7.1303170	0.952	7.0184973	6.309248683	
11/24/2003 15:15	22.96	73.328	28.2581	90.949641	6.6375363	0.938	5.3080349	5.609017469	
11/24/2003 15:46	22.89	73.202	28.1279	93.229895	6.8142577	0.926	5.6075722	5.608786127	

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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11/24/2003 16:16	22.85	73.13	28.0256	90.510161	6.6262086	0.918	34.297109	5.308554913	
11/24/2003 16:46	22.86	73.148	28.0488	92.290427	6.7526407	0.913	4.6366473	5.408323699	
11/24/2003 17:18	22.82	73.076	28.0698	89.068818	6.5239658	0.915	4.3861410	4.20807052	
11/24/2003 17:46	22.79	73.022	28.0695	85.950959	6.3024491	0.924	4.2657225	5.207861272	
11/24/2003 18:16	22.75	72.95	28.0692	73.031225	5.3753084	0.942	9.9452601	4.807630058	
11/24/2003 18:45	22.71	72.878	28.0689	70.211502	5.1763786	0.954	5.2447979	6.007398972	
11/24/2003 19:15	22.68	72.824	28.0699	66.191768	4.8897866	0.968	3.3543355	5.807167759	
11/24/2003 19:46	22.66	72.788	28.0682	80.472023	5.9216365	0.98	3.2838728	24.60693642	
11/24/2003 20:16	22.65	72.77	28.0514	59.452289	4.4078063	0.989	2.0634104	4.106705202	
11/24/2003 20:46	22.69	72.842	28.0368	45.732554	3.4147792	0.997	1.0929479	2.306473988	
11/24/2003 21:16	22.87	73.166	28.2319	0.5128208	0.1277935	1.005	1.0924855	2.206242775	
11/24/2003 21:45	23.11	73.598	28.6738	-	-	1.01	0.7220233	2.206011689	
				12.206902	0.8313649				
11/24/2003 22:15	23.2	73.76	29.1363	11.973363	0.8855712	1.012	368.27156	3.505780475	
11/24/2003 22:46	23.29	73.922	29.3556	-	-	1.007	1.8210982	5.105549133	
				13.746381	0.9865281				
11/24/2003 23:16	23.05	73.49	29.2119	55.633884	4.0471218	0.99	1.7006358	3.205317919	
11/24/2003 23:46	22.69	72.842	28.6845	69.214150	5.0844851	0.976	2.2501734	4.005086705	
11/25/2003 0:16	22.62	72.716	28.5765	65.994416	4.8638614	0.968	1.8197109	4.704855491	
11/25/2003 0:45	22.76	72.968	28.6083	16.674693	1.2915062	0.959	88.059248	2.204624406	
11/25/2003 1:15	22.81	73.058	28.8625	0.4549589	0.1074595	0.947	1.3887863	3.404393192	
11/25/2003 1:45	22.67	72.806	28.7424	36.135224	2.6995922	0.94	1.6383239	2.704161978	
11/25/2003 2:16	22.76	72.968	28.5623	17.815479	1.3754109	0.942	1.3878612	2.603930636	
11/25/2003 2:46	22.71	72.878	28.3181	10.495745	0.8619012	0.94	1.8173988	2.903699422	
11/25/2003 3:18	22.49	72.482	28.6600	48.874136	3.6406524	0.935	1.4468924	2.703446243	
11/25/2003 3:46	22.37	72.266	28.4721	41.056277	3.0968284	0.934	1.1464739	2.003236994	
11/25/2003 4:16	22.43	72.374	28.5039	10.936543	0.9175123	0.933	7.0660115	2.90300578	
11/25/2003 4:45	22.47	72.446	28.6277	1.6168202	0.2367450	0.937	1.5055493	3.302774695	
11/25/2003 5:15	22.43	72.374	28.8313	46.897086	3.4984812	0.946	1.0250869	2.202543481	
11/25/2003 5:45	22.33	72.194	28.5956	46.677352	3.5020233	0.962	1.6346245	3.002312267	
11/25/2003 6:16	22.26	72.068	28.5140	39.157606	2.9704189	0.993	2.4841618	4.202080925	
11/25/2003 6:46	22.18	71.924	28.4551	58.237872	4.3569436	1.016	2.9136994	3.901849711	
11/25/2003 7:16	22.2	71.96	27.6289	58.818138	4.4263448	1.047	1.1432369	4.101618497	
11/25/2003 7:46	22.2	71.96	28.6292	53.098404	3.9779418	1.073	3.0327745	4.201387283	
11/25/2003 8:15	22.4	72.32	28.9712	65.478681	4.8364479	1.1	2.0523123	3.901156198	
11/25/2003 8:45	22.48	72.464	29.0629	57.558947	4.2534151	1.122	2.3018499	3.600924984	
11/25/2003 9:18	22.54	72.572	29.1338	63.537327	4.6753621	1.143	2.3013433	4.700671676	
11/25/2003 9:48	22.57	72.626	29.1577	66.417593	4.8788985	1.159	2.3608809	3.200440462	
11/25/2003 10:15	22.63	72.734	28.7181	71.399745	5.2473986	1.175	2.0504626	2.900231342	
11/25/2003 10:46	22.67	72.806	29.1050	82.58	6.0352055	1.176	2.18	3.3	
11/25/2003 11:16	22.75	72.95	28.6998	89	7.1436276	1.188	6.3	6	New Sonde
11/25/2003 11:46	22.88	73.184	28.7815	90.789838	7.2544084	1.19	5.6240322	5.39983871	
11/25/2003 12:16	23.01	73.418	28.8174	90.479677	7.2130076	1.18	5.0680645	5.499677419	
11/25/2003 12:46	23.07	73.526	28.7898	94.269516	7.4850723	1.158	5.0620967	6.599516129	
11/25/2003 13:16	23.2	73.76	28.7542	103.05935	8.1159097	1.142	5.6661290	6.399354838	
11/25/2003 13:45	23.44	74.192	28.8116	108.04919	8.4487429	1.127	8.1601645	7.599193637	
11/25/2003 14:15	23.4	74.12	28.9712	107.73903	8.4235806	1.113	5.5341968	6.399032347	
11/25/2003 14:46	23.52	74.336	29.0872	112.22887	8.7324847	1.101	4.9182257	6.098870967	
11/25/2003 15:16	23.55	74.39	29.0882	110.61870	8.6101941	1.095	5.0922580	6.498709676	
11/25/2003 15:46	23.57	74.426	29.0884	108.80854	8.4745374	1.094	5.7562902	5.998548386	

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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11/25/2003 16:16	23.56	74.408	29.1157	104.19838	8.1356933	1.092	6.1803225	6.498387095	
11/25/2003 17:13	23.58	74.444	29.1382	100.37902	7.8513046	1.094	2.9289539	5.098079837	
11/25/2003 17:16	23.58	74.444	29.1326	96.078064	7.5354506	1.088	3.1183870	4.698064514	
11/25/2003 17:45	23.61	74.498	29.0363	106.16790	8.2777183	1.094	4.8824226	6.197903314	
11/25/2003 18:15	23.61	74.498	29.0122	105.05774	8.1972636	1.09	4.5064548	6.497742023	
11/25/2003 18:45	23.6	74.48	29.0267	101.54758	7.9398793	1.097	2.8504871	7.097580733	
11/25/2003 19:16	23.58	74.444	29.0398	100.03741	7.8308623	1.114	4.3745160	6.497419353	
11/25/2003 19:46	23.53	74.354	29.0486	102.32725	8.0052490	1.126	4.4885482	7.297258062	
11/25/2003 20:16	23.47	74.246	29.1131	98.317096	7.7152430	1.144	4.9125805	7.497096772	
11/25/2003 20:46	23.4	74.12	29.1841	98.106935	7.7055320	1.154	6.1266128	7.696935481	
11/25/2003 21:15	23.4	74.12	28.3480	91.496779	7.2593172	1.158	4.2306483	5.69677428	
11/25/2003 21:45	23.36	74.048	29.2324	88.786618	7.0233990	1.155	56.644680	6.29661299	
11/25/2003 22:16	23.27	73.886	29.2919	95.176451	7.5019297	1.154	5.0687095	6.39645161	
11/25/2003 22:46	23.24	73.832	29.3422	94.266290	7.4365513	1.155	3.7227418	5.196290319	
11/25/2003 23:16	23.23	73.814	29.3645	85.856128	6.8186443	1.147	4.0167740	4.996129029	
11/25/2003 23:46	23.21	73.778	29.3762	76.245967	6.1143455	1.135	5.6008063	4.295967738	
11/26/2003 0:15	23.21	73.778	29.3642	91.035811	7.2019653	1.111	5.9648418	6.695806537	
11/26/2003 0:45	23.16	73.688	29.2501	92.225650	7.3013296	1.099	3.6388741	5.095645247	
11/26/2003 1:16	23.21	73.778	29.2188	93.515483	7.3911133	1.083	4.8529030	6.495483867	
11/26/2003 1:46	23.16	73.688	29.0375	90.805322	7.2070125	1.067	4.5369353	5.595322576	
11/26/2003 2:16	23.18	73.724	28.9054	94.295161	7.4671739	1.056	5.4509675	5.695161286	
11/26/2003 2:46	23.18	73.724	28.8413	98.284999	7.7634665	1.046	4.8949998	5.594999996	
11/26/2003 3:15	23.15	73.67	28.1489	94.374844	7.5127914	1.039	5.1890354	5.794838795	
11/26/2003 3:45	23.07	73.526	28.8996	89.164682	7.1046592	1.03	5.1230676	6.294677504	
11/26/2003 4:15	23.04	73.472	28.9013	86.754521	6.9313347	1.025	4.8770999	5.594516214	
11/26/2003 4:46	23.01	73.418	27.8779	84.144354	6.7918959	1.022	6.7011288	5.594354834	
11/26/2003 5:16	22.99	73.382	27.6765	68.134193	5.6272938	1.021	3.2151610	4.594193543	
11/26/2003 5:46	23.15	73.67	29.4373	56.124031	4.6402869	1.023	14.619193	5.694032253	
11/26/2003 6:16	23.34	74.012	28.7434	32.713870	2.9278292	1.031	8.2132256	5.893870962	
11/26/2003 6:45	23.65	74.57	29.6250	47.303714	3.9180970	1.056	9.3572611	6.493709761	
11/26/2003 7:15	23.66	74.588	30.3822	46.893553	3.8507598	1.077	10.941293	5.693548471	
11/26/2003 7:46	23.57	74.426	30.3588	52.583386	4.2817708	1.1	7.8253223	5.693387091	
11/26/2003 8:16	23.47	74.246	30.2032	64.573225	5.1834002	1.123	6.2293546	4.8932258	
11/26/2003 8:46	23.44	74.192	30.0640	61.463064	4.9653004	1.141	7.3233868	5.89306451	
11/26/2003 9:16	23.28	73.904	29.9198	73.652902	5.8888878	1.159	4.8774191	5.292903219	
11/26/2003 9:45	23.27	73.886	29.9279	77.442747	6.1683589	1.172	4.2014546	5.092742019	
11/26/2003 10:15	23.21	73.778	29.3948	86.332585	6.8548278	1.183	3.7654869	5.292580728	
11/26/2003 10:46	23.18	73.724	29.4865	90.422418	7.1549838	1.193	2.1695158	3.892419348	
11/26/2003 11:16	23.26	73.868	29.6797	87.712257	6.9362291	1.197	2.6535481	4.592258058	
11/26/2003 11:46	23.49	74.282	30.0395	78.602096	6.2196800	1.199	4.8475803	4.792096767	
11/26/2003 12:16	23.54	74.372	29.6744	86.991935	6.8471368	1.196	3.6816126	7.091935477	
11/26/2003 13:13	23.73	74.714	29.2244	96.572577	7.5479439	1.189	4.7102440	5.491628218	
11/26/2003 13:16	23.75	74.75	29.2660	96.071612	7.5065536	1.188	4.3996771	5.091612896	
11/26/2003 13:45	23.81	74.858	29.1089	105.16145	8.1743013	1.164	3.5437127	5.791451695	
11/26/2003 14:43	24.1	75.38	29.0213	115.04209	8.8669800	1.138	2.9223408	5.391144347	
11/26/2003 14:45	24.13	75.434	29.3624	115.24113	8.8615439	1.136	2.9817772	5.891129114	
11/26/2003 15:15	24.28	75.704	28.5370	121.43097	9.3361203	1.126	3.2158094	6.190967823	
11/26/2003 15:46	24.2	75.56	28.4893	116.22080	8.9658333	1.116	3.1498384	6.690806443	
11/26/2003 16:16	24.16	75.488	28.4516	115.81064	8.9426723	1.106	3.8138706	6.690645153	
11/26/2003 16:46	24.1	75.38	28.4111	110.90048	8.5914969	1.098	3.3879029	5.990483862	

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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11/26/2003 17:16	24.09	75.362	29.5464	108.99032	8.3985863	1.093	3.4419351	6.590322572	
11/26/2003 17:45	24.07	75.326	29.5809	107.18016	8.2665037	1.092	3.0659707	7.190161371	
11/26/2003 18:15	24.02	75.236	29.6047	105.87000	8.1755790	1.091	4.0400029	7.290000081	
11/26/2003 18:45	23.99	75.182	29.5949	101.15984	7.8337466	1.091	3.4240352	6.48983879	
11/26/2003 19:16	23.98	75.164	27.8760	89.649676	7.0705245	1.094	1.6480641	4.68967741	
11/26/2003 19:46	23.93	75.074	27.8841	79.439515	6.3261951	1.112	1.9420964	5.68951612	
11/26/2003 20:16	23.89	75.002	29.5820	88.429354	6.9116698	1.124	4.1361286	5.589354829	
11/26/2003 21:13	23.93	75.074	29.6288	86.709991	6.7778788	1.147	6.6847568	7.789047481	
11/26/2003 21:16	23.93	75.074	29.6346	87.009031	6.7995831	1.147	5.3441931	6.089032248	
11/26/2003 21:45	24.07	75.326	29.9150	94.998875	7.3553453	1.159	7.9582287	8.488871047	
11/26/2003 22:15	24.08	75.344	30.0910	70.388714	5.5368538	1.167	4.6022610	5.588709757	
11/26/2003 22:45	24.05	75.29	30.2907	61.778553	4.8984441	1.172	8.0162932	5.688548466	
11/26/2003 23:16	24.02	75.236	30.4024	57.168386	4.5582015	1.172	2.4503221	4.588387086	
11/26/2003 23:46	23.99	75.182	30.5362	55.258225	4.4153589	1.173	5.1343544	7.888225796	
11/27/2003 0:16	23.98	75.164	29.0182	42.248063	3.5323666	1.169	6.7083867	5.288064505	
11/27/2003 0:46	23.9	75.02	30.5910	76.737902	6.0032206	1.161	3.7724189	6.987903215	
11/27/2003 1:15	23.84	74.912	30.2288	86.627746	6.7550922	1.136	4.1364545	6.387742014	
11/27/2003 1:45	23.82	74.876	29.8802	103.31758	8.0009197	1.119	4.2504867	6.187580724	
11/27/2003 2:16	23.6	74.48	27.6509	94.207418	7.4655891	1.105	4.4345157	6.487419344	
11/27/2003 2:46	23.17	73.706	29.3452	78.097257	6.2570832	1.086	5.8285479	6.387258053	
11/27/2003 3:16	22.98	73.364	29.0373	67.787096	5.5385794	1.069	5.0925802	6.087096763	
11/27/2003 3:46	22.96	73.328	28.8982	74.276934	6.0247796	1.052	5.5066124	6.786935472	
11/27/2003 4:15	22.99	73.382	28.9012	76.766779	6.2037378	1.041	20.460648	7.986774271	
11/27/2003 4:45	22.97	73.346	28.9379	76.356617	6.1744532	1.037	5.0746802	6.686612981	
11/27/2003 5:16	22.91	73.238	28.9359	76.946450	6.2256977	1.035	5.6187092	6.486451601	
11/27/2003 5:46	22.84	73.112	28.8747	74.236289	6.0385048	1.035	6.2827414	6.48629031	
11/27/2003 6:16	22.81	73.058	28.8334	69.526128	5.6981632	1.036	4.9267737	5.58612902	
11/27/2003 6:46	22.79	73.022	27.8908	68.415966	5.6638463	1.041	3.8908059	5.085967729	
11/27/2003 7:15	23.01	73.418	28.5072	39.305811	3.4664342	1.055	6.9348415	4.785806529	
11/27/2003 7:45	23.49	74.282	29.8391	39.99565	3.3916062	1.077	6.5588738	4.885645238	
11/27/2003 8:16	23.59	74.462	30.0030	45.585483	3.7816902	1.088	9.4229027	4.385483858	
11/27/2003 8:46	23.15	73.67	29.1383	64.875321	5.2976801	1.109	8.8669349	4.785322567	
11/27/2003 9:16	23.1	73.58	28.8969	73.665160	5.9616754	1.13	4.6509672	4.785161277	
11/27/2003 9:46	23.23	73.814	28.6054	72.354999	5.8622924	1.144	5.8649995	5.684999987	
11/27/2003 10:15	23.42	74.156	28.9137	64.944843	5.2783332	1.155	6.6490350	5.584838786	
11/27/2003 10:45	23.42	74.156	28.8246	76.134682	6.1050117	1.167	6.7730673	5.384677495	
11/27/2003 11:15	23.47	74.246	28.9098	79.824520	6.3656731	1.179	7.1870995	5.584516205	
11/27/2003 11:46	23.56	74.408	29.0530	81.414353	6.4640396	1.186	6.5111285	5.084354825	
11/27/2003 12:16	23.64	74.552	29.1276	83.804192	6.6257593	1.187	6.6951607	5.684193534	
11/27/2003 12:46	23.75	74.75	29.1192	84.094031	6.6331592	1.189	4.8491930	4.684032244	
11/27/2003 13:16	23.84	74.912	29.3095	90.183870	7.0600400	1.189	3.0132252	4.883870953	
11/27/2003 13:45	23.99	75.182	29.3591	96.773714	7.5225459	1.183	2.7672608	4.983709752	
11/27/2003 14:15	24	75.2	29.2313	106.06355	8.2101040	1.174	2.5812930	5.783548462	
11/27/2003 14:46	24.05	75.29	29.1536	109.55338	8.4637900	1.146	2.6953220	6.783387082	
11/27/2003 15:16	24.17	75.506	28.0773	121.84322	9.4025088	1.127	4.7593542	5.983225791	
11/27/2003 15:46	24.07	75.326	28.6094	110.13306	8.5295943	1.11	6.1633865	7.483064501	
11/27/2003 16:16	24.04	75.272	27.8083	109.22290	8.5045688	1.093	4.6274187	7.68290321	
11/27/2003 16:45	24	75.2	27.8864	111.91274	8.7037695	1.079	5.1114543	7.88274201	
11/27/2003 17:15	23.93	75.074	28.7086	108.70258	8.4379490	1.066	7.7254866	9.482580719	
11/27/2003 17:45	23.8	74.84	28.5873	102.59242	8.0115022	1.058	5.2195188	9.082419429	

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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11/27/2003 18:16	23.71	74.678	28.5189	98.782257	7.7463977	1.052	5.4635477	9.082258049	
11/27/2003 18:46	23.66	74.588	28.4419	97.372095	7.6529002	1.045	6.1275800	9.282096758	
11/27/2003 19:16	23.62	74.516	28.4042	92.261934	7.2842892	1.044	7.1516123	8.681935468	
11/27/2003 19:46	23.53	74.354	28.3423	87.651773	6.9600802	1.046	4.9556445	8.481774177	
11/27/2003 20:15	23.53	74.354	28.3117	86.641617	6.8872809	1.051	4.2796801	5.881612976	
11/27/2003 20:45	23.5	74.3	28.2883	74.531456	6.0021923	1.066	1.8237123	5.081451686	
11/27/2003 21:16	23.77	74.786	28.8876	50.821289	4.1959924	1.078	2.4377413	4.781290306	
11/27/2003 21:46	23.88	74.984	29.3174	31.511127	2.7420229	1.087	1.5717735	4.881129015	
11/27/2003 22:16	23.94	75.092	29.7136	21.000966	1.9429459	1.095	0.2858058	3.080967725	
11/27/2003 22:46	23.98	75.164	30.0690	10.690805	1.1631001	1.108	- 0.5801619	2.680806434	
11/27/2003 23:15	23.99	75.182	30.2708	10.780649	1.1588392	1.115	1.4338736	4.180645234	
11/27/2003 23:45	24	75.2	30.6306	8.6704884	0.9853901	1.119	0.1479058	2.380483943	
11/28/2003 0:16	24.02	75.236	31.4128	39.460321	3.2087666	1.126	4.9619348	4.180322563	
11/28/2003 0:46	24.03	75.254	31.2614	36.650160	3.0080928	1.132	4.4059670	5.280161273	
11/28/2003 1:16	24.02	75.236	31.1844	62.839998	4.9379953	1.127	7.9399993	7.379999982	
11/28/2003 1:46	24.05	75.29	31.2926	47.029837	3.7669225	1.118	5.7940315	5.979838692	
11/28/2003 2:15	24	75.2	31.1655	54.819681	4.3519972	1.102	3.7780671	8.079677491	
11/28/2003 2:45	23.46	74.228	29.7240	64.909520	5.2321295	1.096	1.1420994	3.5795162	
11/28/2003 3:16	23.29	73.922	29.0030	65.099353	5.3023588	1.089	1.9961283	3.77935482	
11/28/2003 3:46	23.4	74.12	29.0339	37.689192	3.2719452	1.083	1.2001606	3.57919353	
11/28/2003 4:16	23.51	74.318	27.2042	19.679031	2.0206252	1.081	0.7641928	3.979032239	
11/28/2003 4:46	23.59	74.462	29.2102	5.3688697	0.8633470	1.075	0.6382251	2.778870949	
11/28/2003 5:15	23.66	74.588	29.2211	1.5587141	0.5736825	1.07	0.0222606	2.678709748	
11/28/2003 5:45	23.71	74.678	29.2156	0.5485528	0.4931969	1.063	3.1862929	4.178548457	
11/28/2003 6:16	23.79	74.822	29.2737	5.6383858	0.8541453	1.056	3.9103218	4.378387077	
11/28/2003 6:46	23.9	75.02	30.2239	27.828224	2.4257601	1.05	101.01435	5.378225787	
11/28/2003 7:16	23.92	75.056	30.1369	40.618063	3.3673370	1.043	5.6683863	5.178064496	
11/28/2003 7:46	23.83	74.894	30.2943	50.507901	4.0984763	1.045	5.7824186	5.177903206	
11/28/2003 8:15	23.89	75.002	30.3896	60.597746	4.8277638	1.043	10.666454	6.477742005	
11/28/2003 8:45	23.78	74.804	30.5071	56.187585	4.5123506	1.068	6.8704864	4.977580715	
11/28/2003 9:15	23.6	74.48	30.2657	68.877423	5.4798958	1.086	8.7545186	6.777419424	
11/28/2003 9:46	23.59	74.462	30.1358	72.967256	5.7879552	1.101	7.3485476	5.777258044	
11/28/2003 10:16	23.61	74.498	30.5220	78.657095	6.1852524	1.113	7.6525798	6.477096754	
11/28/2003 10:46	23.63	74.534	30.9646	80.146934	6.2711731	1.123	8.8666121	8.176935463	
11/28/2003 11:16	23.69	74.642	30.5431	82.936772	6.4884065	1.125	7.2106443	7.076774173	
11/28/2003 11:45	23.78	74.804	31.0415	78.226617	6.1068848	1.125	6.7746799	7.776612972	
11/28/2003 12:15	23.82	74.876	30.1583	83.216455	6.5103057	1.125	6.1587122	7.176451681	
11/28/2003 12:46	23.87	74.966	30.3472	83.506288	6.5161538	1.127	7.8627411	6.876290301	
11/28/2003 13:16	23.91	75.038	30.4439	87.296127	6.7849231	1.121	7.1267734	7.276129011	
11/28/2003 14:13	23.96	75.128	30.1354	96.776770	7.4898717	1.117	4.8554048	6.575821753	
11/28/2003 14:16	23.96	75.128	30.6737	99.675805	7.6774338	1.117	4.3048379	7.47580643	
11/28/2003 14:46	24.17	75.506	30.0378	100.26564	7.7236316	1.11	1.8588701	5.375645139	
11/28/2003 15:16	24.32	75.776	29.4640	109.35548	8.3994318	1.087	2.1529024	6.575483849	
11/28/2003 15:45	24.45	76.01	29.8609	112.64532	8.6055213	1.07	2.5769379	7.175322648	
11/28/2003 16:15	24.37	75.866	29.1649	110.43516	8.4864652	1.053	4.4609702	8.175161358	
11/28/2003 16:46	24.3	75.74	28.6319	102.12499	7.9100337	1.042	6.4749991	8.274999978	
11/28/2003 17:16	24.27	75.686	29.0960	100.91483	7.8029879	1.026	6.2190314	9.274838687	
11/28/2003 17:46	24.17	75.506	29.0040	94.304675	7.3345019	1.021	5.7930636	10.1746774	
11/28/2003 18:16	24.18	75.524	29.2265	90.894514	7.0720081	1.018	6.5170959	8.174516106	

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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11/28/2003 18:45	24.18	75.524	29.2417	70.384359	5.5637903	1.014	2.5411314	6.674354905	
11/28/2003 19:15	24.22	75.596	29.4721	74.674197	5.8629738	1.013	4.9751637	8.474193615	
11/28/2003 19:45	24.25	75.65	29.6353	80.864036	6.3062921	1.014	3.0191960	7.174032324	
11/28/2003 20:16	24.2	75.56	29.6112	87.953869	6.8350369	1.013	3.7432249	5.973870944	
11/28/2003 20:46	23.98	75.164	28.9716	89.643708	7.0181542	1.034	15.027257	10.47370965	
11/28/2003 21:16	23.86	74.948	29.1570	96.933546	7.5607722	1.042	17.161289	11.37354836	
11/28/2003 21:46	23.82	74.876	29.3723	92.923385	7.2610172	1.048	21.365321	10.87338707	
11/28/2003 22:15	23.81	74.858	29.6092	90.213229	7.0518961	1.068	15.199357	9.973225872	
11/28/2003 22:46	23.76	74.768	29.7252	90.903051	7.1035993	1.096	16.653379	10.57306431	
11/28/2003 23:16	23.65	74.57	29.9234	94.792901	7.3944083	1.13	19.337418	10.8729032	
11/28/2003 23:45	23.51	74.318	30.0329	95.182746	7.4360682	1.115	40.141454	11.172742	
11/29/2003 0:15	23.32	73.976	30.0946	93.372584	7.3247977	1.176	57.835486	11.57258071	
11/29/2003 0:45	23.16	73.688	30.3693	91.862423	7.2215805	1.171	73.519518	12.87241942	
11/29/2003 1:16	23.04	73.472	30.5389	92.052256	7.2430935	1.237	95.053547	12.97225804	
11/29/2003 1:46	22.86	73.148	30.5313	91.442095	7.2220095	1.264	111.22757	13.97209675	
11/29/2003 2:16	22.65	72.77	30.5486	91.931933	7.2844896	1.269	106.70161	13.87193546	
11/29/2003 2:46	22.56	72.608	30.8576	91.621772	7.2587461	1.272	101.93564	12.97177417	
11/29/2003 3:16	22.49	72.482	30.9543	91.111611	7.2257654	1.271	111.44967	13.47161288	
11/29/2003 3:45	22.33	72.194	31.2126	90.901455	7.2188779	1.274	97.043712	12.27145168	
11/29/2003 4:15	22	71.6	31.8647	91.491294	7.2742213	1.276	73.957744	10.67129039	
11/29/2003 4:46	21.73	71.114	32.1029	91.381127	7.2899316	1.257	89.031773	10.67112901	
11/29/2003 5:16	21.46	70.628	32.1010	91.770966	7.3537766	1.207	79.935805	9.870967716	
11/29/2003 5:46	21.25	70.25	32.0933	92.060804	7.4027426	1.263	89.389837	9.970806425	
11/29/2003 6:16	21.08	69.944	32.0571	92.050643	7.4258138	1.266	72.413869	8.870645135	
11/29/2003 6:46	20.9	69.62	32.3682	91.640482	7.4043187	1.293	73.447902	8.770483845	
11/29/2003 7:15	20.66	69.188	32.5243	92.030326	7.4567763	1.293	56.961937	7.370322644	
11/29/2003 7:45	20.51	68.918	32.3529	91.320165	7.4322011	1.279	70.505970	7.670161353	
11/29/2003 8:16	20.36	68.648	32.3839	91.609998	7.4715371	1.283	84.289999	8.469999973	
11/29/2003 9:13	20.17	68.306	32.7473	92.590641	7.5510870	1.298	81.288630	8.269692715	
11/29/2003 9:16	20.16	68.288	32.7524	92.489675	7.5447247	1.322	68.288063	7.669677392	
11/29/2003 9:46	20.14	68.252	32.7733	92.879514	7.5749855	1.299	76.822095	8.369516102	
11/29/2003 10:16	20.15	68.27	32.4812	92.969353	7.5941363	1.327	79.686128	8.669354811	
11/29/2003 10:46	20.22	68.396	32.2734	92.859191	7.5867891	1.388	89.880160	9.369193521	
11/29/2003 11:15	20.27	68.486	32.2078	92.549036	7.5606000	1.403	78.764195	9.46903232	
11/29/2003 11:45	20.32	68.576	32.3632	92.838874	7.5680410	1.395	110.12822	10.26887103	
11/29/2003 12:16	20.36	68.648	32.2111	94.128707	7.6648506	1.441	73.932257	8.568709649	
11/29/2003 12:46	20.45	68.81	32.0398	94.518546	7.6899255	1.454	64.646289	8.168548359	
11/29/2003 13:16	20.58	69.044	32.0521	94.708385	7.6863928	1.465	52.740321	7.868387068	
11/29/2003 13:46	20.64	69.152	31.8908	95.798224	7.7663434	1.459	41.134353	7.968225778	
11/29/2003 14:16	20.64	69.152	31.6465	95.688062	7.7698242	1.466	38.928386	8.268064488	
11/29/2003 14:45	20.65	69.17	31.3487	95.177907	7.7451465	1.447	39.112421	8.467903287	
11/29/2003 15:15	20.64	69.152	31.0880	94.667745	7.7213066	1.452	43.926453	9.267741996	
11/29/2003 15:46	20.57	69.026	30.8416	94.557578	7.7339886	1.426	44.770482	9.467580616	
11/29/2003 16:16	20.5	68.9	30.6109	94.047417	7.7165256	1.412	48.304515	10.06741933	
11/29/2003 16:46	20.32	68.576	30.3116	93.737256	7.7313153	1.4	49.948547	11.16725804	
11/29/2003 17:16	19.92	67.856	30.1081	94.527094	7.8510148	1.388	47.132579	10.96709674	
11/29/2003 17:45	19.72	67.496	30.0361	94.416939	7.8723306	1.376	50.916615	12.66693554	
11/29/2003 18:15	19.58	67.244	29.9212	93.806777	7.8511288	1.369	50.480647	12.76677425	
11/29/2003 18:45	19.37	66.866	29.7485	92.496616	7.7903214	1.351	57.984679	14.06661296	
11/29/2003 19:16	19.33	66.794	29.6365	91.686449	7.7412837	1.343	59.318708	13.66645158	

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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11/29/2003 19:46	19.25	66.65	29.6452	91.676288	7.7505204	1.339	54.612740	12.86629029	
11/29/2003 20:43	19.03	66.254	29.6584	90.856925	7.7182719	1.321	76.141368	14.46598294	
11/29/2003 20:46	19.01	66.218	29.6592	90.855965	7.7207633	1.322	58.690805	13.66596771	
11/29/2003 21:16	18.91	66.038	29.7002	90.345804	7.6943254	1.317	76.504837	14.06580642	
11/29/2003 21:46	18.86	65.948	29.6811	89.735643	7.6568835	1.314	74.728869	14.16564513	
11/29/2003 22:15	18.73	65.714	29.9744	89.425487	7.6370858	1.311	66.542905	13.96548393	
11/29/2003 22:45	18.66	65.588	30.2555	91.315326	7.7717637	1.314	39.986937	12.66532264	
11/29/2003 23:15	18.66	65.588	30.0720	90.605164	7.7282645	1.313	40.350969	12.76516135	
11/29/2003 23:46	18.69	65.642	30.7027	93.094998	7.8774739	1.323	53.584998	13.06499997	
11/30/2003 0:16	18.66	65.588	31.1074	93.584836	7.8981903	1.329	19.589031	9.664838678	
11/30/2003 0:46	18.54	65.372	30.6466	91.574675	7.7878872	1.33	26.783063	10.86467739	
11/30/2003 1:16	18.54	65.372	30.8277	90.964514	7.7344584	1.33	23.117095	10.4645161	
11/30/2003 1:45	18.51	65.318	31.0216	90.154358	7.6696203	1.33	20.421131	9.464354896	
11/30/2003 2:15	18.46	65.228	30.8266	88.544197	7.5670133	1.327	29.695163	10.36419361	
11/30/2003 2:45	18.4	65.12	30.8612	88.534035	7.5724303	1.318	22.969195	9.464032315	
11/30/2003 3:16	18.19	64.742	30.7441	88.123868	7.5751297	1.309	20.583224	9.063870935	
11/30/2003 3:46	18.09	64.562	30.6264	86.613707	7.4827134	1.288	13.377256	7.663709645	
11/30/2003 4:16	18.21	64.778	30.7524	83.603546	7.2398936	1.272	20.511289	8.663548354	
11/30/2003 4:46	18.17	64.706	30.7884	82.293385	7.1470928	1.263	12.265321	8.863387064	
11/30/2003 5:15	17.97	64.346	30.7950	85.583229	7.4145817	1.256	10.919356	8.863225863	
11/30/2003 5:45	17.99	64.382	30.9732	83.373068	7.2410885	1.245	10.423389	8.663064573	
11/30/2003 6:16	17.76	63.968	31.0370	83.962901	7.3113159	1.233	8.6474181	8.062903193	
11/30/2003 6:46	17.87	64.166	31.0880	83.252739	7.2424036	1.223	10.231450	7.862741902	
11/30/2003 7:43	17.73	63.914	31.2184	80.233376	7.0324984	1.209	7.9000785	6.862434554	
11/30/2003 7:46	17.72	63.896	31.2042	79.732417	6.9976514	1.208	8.0195148	6.262419321	
11/30/2003 8:16	17.73	63.914	31.2287	85.122255	7.3913427	1.204	9.2935471	6.462258031	
11/30/2003 9:13	17.74	63.932	31.1247	77.602893	6.8423007	1.19	7.2121752	6.061950683	
11/30/2003 9:43	17.68	63.824	31.0127	80.992731	7.1045634	1.189	6.4062075	5.861789392	
11/30/2003 9:46	17.68	63.824	30.9763	85.191772	7.4149167	1.188	6.1656438	6.161774159	
11/30/2003 10:16	17.71	63.878	30.9987	88.281610	7.6370597	1.182	6.7696761	6.961612869	
11/30/2003 10:46	17.68	63.824	30.7751	86.471449	7.5185079	1.18	5.1137083	6.261451578	
11/30/2003 11:15	17.66	63.788	30.0613	96.561293	8.2965493	1.188	6.0277439	8.761290378	
11/30/2003 11:45	17.74	63.932	29.6247	97.751132	8.3942942	1.203	5.7717762	8.661129087	
11/30/2003 12:16	17.87	64.166	29.4405	96.940965	8.3265785	1.211	4.9758051	7.560967707	
11/30/2003 13:13	18.13	64.634	29.5252	98.521602	8.4049418	1.225	6.7344332	8.460660359	
11/30/2003 13:16	18.16	64.688	29.5331	98.420642	8.3932444	1.225	6.3638696	8.760645126	
11/30/2003 13:46	18.26	64.868	29.4533	98.910481	8.4200325	1.223	5.4479019	9.560483836	
11/30/2003 14:16	18.31	64.958	29.3484	99.200320	8.4398064	1.221	6.7819341	9.560322545	
11/30/2003 14:46	18.37	65.066	29.2128	99.490159	8.4597372	1.22	6.7159664	10.06016125	
11/30/2003 15:15	18.41	65.138	29.0014	100.28000	8.5226098	1.222	5.4900019	9.460000054	
11/30/2003 15:45	18.46	65.228	28.7751	103.26984	8.7465936	1.223	5.7940342	11.05983876	
11/30/2003 16:15	18.51	65.318	28.8668	101.35968	8.5953501	1.223	6.3280664	9.759677473	
11/30/2003 16:46	18.51	65.318	28.6111	101.74951	8.6361225	1.204	5.8420954	10.35951609	
11/30/2003 17:16	18.49	65.282	28.3068	104.23935	8.8361493	1.193	5.8361276	12.5593548	
11/30/2003 17:46	18.5	65.3	28.2555	105.02919	8.8953321	1.184	6.4401599	13.65919351	
11/30/2003 18:16	18.45	65.21	28.2114	105.31902	8.9252261	1.171	5.7641921	13.15903222	
11/30/2003 18:45	18.49	65.282	28.5676	104.60887	8.8509468	1.164	6.2982277	12.75887102	
11/30/2003 19:15	18.39	65.102	29.2061	106.49871	8.9725839	1.161	6.6622600	12.45870973	
11/30/2003 19:45	18.37	65.066	29.4493	107.28855	9.0217075	1.157	7.2062922	11.65854844	
11/30/2003 20:16	18.32	64.976	29.8041	106.57838	8.9591952	1.146	8.6703212	10.85838706	

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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11/30/2003 20:46	18.29	64.922	30.0673	103.66822	8.7367201	1.135	8.7243534	10.15822577	
11/30/2003 21:16	18.25	64.85	30.1047	102.35806	8.6438515	1.124	8.4083857	11.15806448	
11/30/2003 21:46	18.22	64.796	30.1871	101.94790	8.6136985	1.117	8.5824179	10.15790319	
11/30/2003 22:16	18.2	64.76	30.0794	100.33773	8.5030579	1.109	7.1164502	9.657741898	
11/30/2003 22:45	18.1	64.58	29.8637	95.227583	8.1506839	1.101	9.6104857	10.5575807	
11/30/2003 23:15	18.07	64.526	29.8039	97.217422	8.3036732	1.096	5.2145180	11.55741941	
11/30/2003 23:46	18.09	64.562	29.7498	85.807255	7.4649911	1.095	6.2385469	11.45725803	