

| DateTime (mm/dd/year hr:min) | Temperature (F) | Salinity (ppt) | Dissolved Oxygen (%) | Dissolved Oxygen (mg/l) | Depth (ft) | Turbidity (NTU) | Chlorophyll l (ug/l) | NOTES |
|------------------------------------|--------------------|-------------------|----------------------------|-------------------------------|---------------|--------------------|-------------------------|-------|
|------------------------------------|--------------------|-------------------|----------------------------|-------------------------------|---------------|--------------------|-------------------------|-------|

| Gulf Jackson, August 2002 | | | | | | | | |
|----------------------------------|-------|-------|--------|------|-------|--------|-------|--|
| 8/1/02 0:00 | 88.30 | 30.84 | 70.00 | 4.45 | 2.671 | 80.80 | 21.45 | |
| 8/1/02 0:30 | 88.00 | 30.67 | 66.90 | 4.27 | 2.613 | 109.08 | 23.45 | |
| 8/1/02 1:00 | 87.70 | 30.90 | 70.00 | 4.48 | 2.661 | 53.46 | 19.75 | |
| 8/1/02 1:30 | 87.40 | 31.04 | 66.00 | 4.23 | 2.666 | 62.62 | 21.35 | |
| 8/1/02 2:00 | 87.10 | 30.97 | 69.20 | 4.45 | 2.806 | 39.48 | 17.85 | |
| 8/1/02 2:30 | 87.30 | 30.99 | 70.40 | 4.52 | 2.912 | 38.66 | 17.55 | |
| 8/1/02 3:00 | 87.50 | 30.86 | 72.90 | 4.67 | 3.122 | 37.74 | 16.95 | |
| 8/1/02 3:30 | 87.70 | 30.41 | 72.30 | 4.64 | 3.310 | 32.70 | 17.65 | |
| 8/1/02 4:00 | 87.60 | 30.56 | 73.20 | 4.70 | 3.570 | 37.13 | 17.15 | |
| 8/1/02 4:30 | 87.30 | 30.82 | 71.80 | 4.61 | 3.785 | 61.20 | 19.75 | |
| 8/1/02 5:00 | 87.20 | 30.78 | 79.80 | 5.13 | 3.969 | 32.81 | 15.15 | |
| 8/1/02 5:30 | 87.40 | 30.60 | 79.20 | 5.09 | 4.043 | 47.63 | 16.25 | |
| 8/1/02 6:00 | 87.30 | 30.30 | 77.50 | 4.99 | 4.144 | 26.54 | 14.65 | |
| 8/1/02 6:30 | 87.10 | 29.56 | 79.10 | 5.13 | 4.238 | 13.47 | 13.85 | |
| 8/1/02 7:00 | 87.20 | 30.04 | 67.30 | 4.35 | 4.250 | 51.65 | 17.55 | |
| 8/1/02 7:30 | 87.30 | 30.84 | 65.40 | 4.20 | 4.235 | 87.88 | 24.85 | |
| 8/1/02 8:00 | 87.20 | 31.28 | 66.00 | 4.23 | 4.181 | 49.19 | 18.95 | |
| 8/1/02 8:30 | 87.10 | 31.37 | 65.30 | 4.19 | 4.099 | 53.10 | 17.35 | |
| 8/1/02 9:00 | 86.90 | 30.72 | 62.00 | 4.00 | 3.914 | 54.13 | 16.95 | |
| 8/1/02 9:30 | 86.80 | 30.36 | 67.80 | 4.39 | 3.763 | 22.22 | 15.35 | |
| 8/1/02 10:00 | 86.80 | 30.37 | 66.20 | 4.28 | 3.477 | 20.68 | 16.54 | |
| 8/1/02 10:30 | 86.80 | 30.45 | 63.90 | 4.13 | 3.243 | 25.62 | 17.84 | |
| 8/1/02 11:00 | 86.90 | 30.55 | 61.10 | 3.95 | 3.042 | 491.17 | 18.94 | |
| 8/1/02 11:30 | 86.80 | 30.64 | 68.20 | 4.41 | 2.710 | 47.36 | 19.24 | |
| 8/1/02 12:00 | 86.70 | 30.72 | 72.60 | 4.69 | 2.472 | 65.69 | 16.44 | |
| 8/1/02 12:30 | 86.60 | 30.75 | 71.20 | 4.61 | 2.373 | 25.22 | 17.64 | |
| 8/1/02 13:00 | 86.50 | 30.80 | 64.40 | 4.17 | 2.185 | 40.77 | 21.14 | |
| 8/1/02 13:30 | 86.20 | 31.04 | 60.50 | 3.92 | 2.065 | 28.21 | 19.94 | |
| 8/1/02 14:00 | 86.40 | 31.12 | 62.50 | 4.04 | 1.997 | 28.83 | 18.64 | |
| 8/1/02 14:30 | 87.00 | 30.91 | 76.40 | 4.92 | 2.028 | 26.97 | 21.74 | |
| 8/1/02 15:00 | 87.40 | 30.81 | 85.90 | 5.52 | 2.125 | 32.75 | 24.44 | |
| 8/1/02 15:30 | 87.70 | 30.63 | 101.70 | 6.52 | 2.294 | 22.96 | 23.44 | |
| 8/1/02 16:00 | 87.90 | 30.37 | 98.20 | 6.30 | 2.465 | 23.06 | 25.44 | |
| 8/1/02 16:30 | 88.10 | 30.33 | 97.30 | 6.23 | 2.620 | 28.83 | 24.54 | |
| 8/1/02 17:00 | 88.90 | 30.17 | 108.70 | 6.91 | 2.788 | 19.25 | 20.34 | |
| 8/1/02 17:30 | 88.90 | 29.71 | 109.70 | 7.00 | 3.027 | 18.22 | 21.04 | |
| 8/1/02 18:00 | 88.60 | 29.69 | 103.30 | 6.61 | 3.290 | 25.54 | 20.34 | |
| 8/1/02 18:30 | 88.50 | 29.47 | 105.50 | 6.76 | 3.496 | 24.31 | 19.34 | |
| 8/1/02 19:00 | 88.50 | 29.17 | 106.30 | 6.83 | 3.656 | 21.63 | 16.94 | |
| 8/1/02 19:30 | 88.30 | 29.04 | 100.30 | 6.46 | 3.742 | 26.89 | 17.14 | |
| 8/1/02 20:00 | 88.10 | 29.11 | 99.80 | 6.43 | 3.917 | 22.35 | 18.34 | |
| 8/1/02 20:30 | 88.00 | 28.77 | 90.40 | 5.85 | 3.563 | 30.08 | 14.74 | |
| 8/1/02 21:00 | 87.90 | 28.82 | 86.80 | 5.62 | 3.116 | 36.89 | 17.14 | |
| 8/1/02 21:30 | 87.70 | 28.81 | 84.30 | 5.46 | 2.954 | 37.72 | 17.34 | |
| 8/1/02 22:00 | 87.60 | 28.92 | 78.70 | 5.10 | 3.071 | 35.25 | 14.74 | |
| 8/1/02 22:30 | 87.40 | 29.08 | 74.00 | 4.80 | 3.093 | 31.54 | 18.04 | |
| 8/1/02 23:00 | 87.40 | 29.20 | 70.50 | 4.57 | 3.075 | 37.00 | 14.94 | |
| 8/1/02 23:30 | 87.30 | 29.22 | 62.40 | 4.05 | 3.003 | 31.85 | 13.74 | |
| 8/2/02 0:00 | 87.10 | 29.16 | 64.50 | 4.20 | 2.900 | 34.12 | 13.84 | |

| DateTime (mm/dd/year hr:min) | Temperature (F) | Salinity (ppt) | Dissolved Oxygen (%) | Dissolved Oxygen (mg/l) | Depth (ft) | Turbidity (NTU) | Chlorophyl l (ug/l) | NOTES |
|------------------------------------|--------------------|-------------------|----------------------------|-------------------------------|---------------|--------------------|------------------------|-------|
| 8/2/02 0:30 | 87.00 | 29.08 | 65.10 | 4.24 | 2.891 | 42.79 | 15.44 | |
| 8/2/02 1:00 | 87.20 | 29.23 | 52.10 | 3.39 | 2.712 | 44.86 | 13.14 | |
| 8/2/02 1:30 | 87.00 | 29.23 | 50.20 | 3.27 | 2.681 | 38.25 | 13.74 | |
| 8/2/02 2:00 | 86.70 | 29.08 | 61.20 | 4.00 | 2.706 | 33.51 | 14.14 | |
| 8/2/02 2:30 | 87.20 | 30.22 | 57.40 | 3.71 | 2.841 | 45.17 | 15.94 | |
| 8/2/02 3:00 | 86.70 | 29.97 | 55.80 | 3.63 | 3.002 | 36.92 | 15.44 | |
| 8/2/02 3:30 | 86.90 | 30.29 | 52.60 | 3.41 | 3.079 | 40.95 | 16.84 | |
| 8/2/02 4:00 | 86.90 | 30.61 | 50.40 | 3.26 | 3.200 | 44.46 | 15.84 | |
| 8/2/02 4:30 | 86.70 | 30.75 | 56.50 | 3.66 | 3.453 | 44.46 | 14.44 | |
| 8/2/02 5:00 | 86.40 | 30.59 | 56.50 | 3.67 | 3.541 | 39.10 | 13.44 | |
| 8/2/02 5:30 | 86.70 | 31.29 | 52.20 | 3.37 | 3.884 | 43.13 | 14.74 | |
| 8/2/02 6:00 | 86.10 | 31.51 | 65.80 | 4.26 | 4.111 | 43.85 | 10.54 | |
| 8/2/02 6:30 | 85.90 | 31.64 | 70.70 | 4.59 | 4.295 | 34.66 | 8.24 | |
| 8/2/02 7:00 | 86.10 | 31.96 | 66.70 | 4.31 | 4.355 | 38.07 | 8.44 | |
| 8/2/02 7:30 | 86.40 | 32.24 | 60.90 | 3.92 | 4.363 | 42.72 | 9.04 | |
| 8/2/02 8:00 | 86.30 | 32.23 | 60.70 | 3.91 | 4.347 | 35.50 | 9.44 | |
| 8/2/02 8:30 | 86.10 | 32.14 | 58.70 | 3.79 | 4.240 | 49.65 | 7.64 | |
| 8/2/02 9:00 | 86.10 | 32.14 | 61.00 | 3.94 | 4.184 | 49.45 | 8.14 | |
| 8/2/02 9:30 | 86.00 | 32.12 | 61.40 | 3.97 | 3.996 | 74.14 | 8.94 | |
| 8/2/02 10:00 | 85.70 | 31.49 | 59.70 | 3.89 | 3.781 | 61.13 | 10.54 | |
| 8/2/02 10:30 | 86.20 | 32.17 | 57.90 | 3.74 | 3.654 | 46.87 | 10.84 | |
| 8/2/02 11:00 | 86.00 | 31.27 | 50.00 | 3.25 | 3.394 | 52.97 | 10.54 | |
| 8/2/02 11:30 | 86.10 | 30.68 | 56.50 | 3.68 | 3.176 | 32.31 | 11.54 | |
| 8/2/02 12:00 | 86.20 | 30.87 | 56.70 | 3.69 | 2.977 | 13.91 | 13.14 | |
| 8/2/02 12:30 | 86.30 | 30.63 | 56.10 | 3.65 | 2.732 | 88.64 | 15.14 | |
| 8/2/02 13:00 | 86.50 | 30.54 | 59.00 | 3.83 | 2.421 | 42.55 | 17.34 | |
| 8/2/02 13:30 | 86.80 | 30.40 | 66.20 | 4.29 | 2.265 | 91.97 | 16.94 | |
| 8/2/02 14:00 | 87.20 | 30.36 | 62.60 | 4.05 | 2.283 | 24.87 | 13.04 | |
| 8/2/02 14:30 | 87.50 | 30.34 | 73.00 | 4.71 | 2.123 | 102.73 | 14.34 | |
| 8/2/02 15:00 | 87.60 | 30.33 | 73.90 | 4.76 | 2.007 | 87.02 | 14.94 | |
| 8/2/02 15:30 | 87.80 | 30.43 | 79.60 | 5.12 | 2.093 | 60.76 | 16.34 | |
| 8/2/02 16:00 | 88.00 | 30.76 | 74.30 | 4.76 | 2.174 | 66.24 | 16.54 | |
| 8/2/02 16:30 | 88.10 | 31.09 | 81.10 | 5.18 | 2.441 | 81.14 | 19.14 | |
| 8/2/02 17:00 | 88.10 | 31.25 | 84.00 | 5.36 | 2.643 | 64.81 | 19.54 | |
| 8/2/02 17:30 | 88.30 | 31.29 | 89.30 | 5.69 | 2.769 | 71.95 | 19.44 | |
| 8/2/02 18:00 | 88.00 | 31.27 | 88.10 | 5.63 | 2.994 | 65.75 | 18.94 | |
| 8/2/02 18:30 | 87.60 | 31.23 | 94.80 | 6.08 | 3.298 | 48.16 | 20.34 | |
| 8/2/02 19:00 | 87.40 | 30.85 | 82.70 | 5.32 | 3.011 | 78.69 | 18.34 | |
| 8/2/02 19:30 | 87.40 | 31.01 | 80.50 | 5.18 | 3.190 | 66.17 | 20.74 | |
| 8/2/02 20:00 | 87.20 | 31.22 | 83.90 | 5.40 | 3.518 | 66.90 | 17.24 | |
| 8/2/02 20:30 | 87.10 | 31.41 | 73.20 | 4.71 | 3.631 | 72.08 | 17.44 | |
| 8/2/02 21:00 | 87.00 | 31.74 | 71.50 | 4.60 | 3.727 | 67.32 | 16.93 | |
| 8/2/02 21:30 | 87.00 | 32.25 | 68.70 | 4.41 | 3.838 | 62.77 | 12.33 | |
| 8/2/02 22:00 | 86.90 | 32.39 | 64.60 | 4.14 | 3.886 | 61.95 | 11.03 | |
| 8/2/02 22:30 | 86.90 | 32.35 | 61.40 | 3.94 | 3.989 | 66.41 | 11.63 | |
| 8/2/02 23:00 | 86.80 | 32.36 | 49.20 | 3.16 | 3.842 | 95.40 | 11.63 | |
| 8/2/02 23:30 | 86.40 | 31.55 | 54.20 | 3.51 | 3.632 | 61.76 | 10.53 | |
| 8/3/02 0:00 | 86.70 | 32.22 | 54.20 | 3.49 | 3.596 | 70.25 | 11.83 | |
| 8/3/02 0:30 | 85.70 | 30.91 | 57.30 | 3.75 | 3.303 | 58.35 | 11.43 | |
| 8/3/02 1:00 | 85.20 | 30.27 | 53.50 | 3.53 | 3.117 | 49.96 | 12.13 | |
| 8/3/02 1:30 | 85.20 | 30.14 | 51.00 | 3.37 | 2.914 | 101.02 | 13.43 | |
| 8/3/02 2:00 | 85.10 | 29.96 | 41.90 | 2.77 | 2.841 | 64.05 | 10.63 | |

| DateTime (mm/dd/year hr:min) | Temperature (F) | Salinity (ppt) | Dissolved Oxygen (%) | Dissolved Oxygen (mg/l) | Depth (ft) | Turbidity (NTU) | Chlorophyll l (ug/l) | NOTES |
|------------------------------------|--------------------|-------------------|----------------------------|-------------------------------|---------------|--------------------|-------------------------|-------|
| 8/3/02 2:30 | 85.40 | 30.60 | 49.50 | 3.25 | 2.927 | 64.68 | 11.93 | |
| 8/3/02 3:00 | 84.80 | 30.11 | 49.00 | 3.25 | 3.047 | 59.71 | 13.33 | |
| 8/3/02 3:30 | 85.20 | 31.01 | 47.70 | 3.13 | 3.090 | 49.98 | 11.53 | |
| 8/3/02 4:00 | 85.10 | 31.03 | 54.60 | 3.59 | 3.253 | 57.65 | 12.43 | |
| 8/3/02 4:30 | 85.10 | 31.13 | 51.80 | 3.41 | 3.513 | 59.00 | 12.13 | |
| 8/3/02 5:00 | 85.30 | 31.65 | 48.70 | 3.18 | 3.756 | 68.54 | 11.23 | |
| 8/3/02 5:30 | 84.60 | 31.42 | 49.60 | 3.27 | 3.830 | 73.41 | 10.53 | |
| 8/3/02 6:00 | 84.50 | 31.59 | 46.20 | 3.05 | 4.090 | 66.06 | 10.63 | |
| 8/3/02 6:30 | 84.80 | 32.00 | 20.60 | 1.35 | 4.270 | 77.67 | 11.23 | |
| 8/3/02 7:00 | 84.60 | 32.42 | 13.70 | 0.89 | 4.465 | 74.57 | 9.53 | |
| 8/3/02 7:30 | 84.80 | 32.71 | 18.40 | 1.20 | 4.575 | 63.17 | 9.93 | |
| 8/3/02 8:00 | 84.70 | 33.08 | 30.50 | 1.99 | 4.723 | 71.47 | 8.03 | |
| 8/3/02 8:30 | 84.90 | 33.32 | 44.40 | 2.89 | 4.700 | 74.58 | 6.73 | |
| 8/3/02 9:00 | 85.10 | 33.35 | 48.70 | 3.16 | 4.781 | 45.55 | 7.13 | |
| 8/3/02 9:30 | 84.80 | 33.31 | 55.20 | 3.59 | 4.701 | 20.88 | 6.53 | |
| 8/3/02 10:00 | 84.60 | 33.06 | 59.70 | 3.90 | 4.616 | 27.93 | 6.93 | |
| 8/3/02 10:30 | 84.40 | 32.57 | 60.60 | 3.97 | 4.391 | 32.70 | 7.63 | |
| 8/3/02 11:00 | 84.70 | 32.82 | 61.80 | 4.04 | 4.192 | 67.66 | 9.33 | |
| 8/3/02 11:30 | 84.20 | 31.75 | 59.90 | 3.96 | 3.999 | 50.96 | 9.83 | |
| 8/3/02 12:00 | 84.00 | 31.60 | 57.00 | 3.77 | 3.650 | 27.73 | 12.63 | |
| 8/3/02 12:30 | 83.90 | 31.62 | 54.70 | 3.63 | 3.343 | 16.01 | 12.03 | |
| 8/3/02 13:00 | 83.80 | 31.47 | 51.50 | 3.42 | 3.057 | 58.44 | 11.23 | |
| 8/3/02 13:30 | 83.70 | 31.24 | 48.40 | 3.22 | 2.778 | 72.76 | 12.73 | |
| 8/3/02 14:00 | 83.30 | 30.75 | 53.00 | 3.55 | 2.485 | 61.77 | 17.03 | |
| 8/3/02 14:30 | 83.20 | 30.50 | 56.20 | 3.77 | 2.249 | 57.62 | 17.83 | |
| 8/3/02 15:00 | 83.00 | 30.05 | 51.80 | 3.49 | 1.987 | 75.27 | 19.93 | |
| 8/3/02 15:30 | 83.10 | 29.68 | 61.40 | 4.15 | 1.806 | 77.35 | 20.83 | |
| 8/3/02 16:00 | 83.10 | 29.73 | 57.70 | 3.89 | 1.783 | 68.22 | 23.33 | |
| 8/3/02 16:30 | 83.30 | 29.79 | 70.90 | 4.77 | 1.843 | 37.71 | 25.33 | |
| 8/3/02 17:00 | 84.90 | 30.06 | 78.20 | 5.19 | 2.031 | 46.01 | 23.53 | |
| 8/3/02 17:30 | 84.10 | 30.37 | 78.20 | 5.21 | 2.142 | 55.98 | 26.43 | |
| 8/3/02 18:00 | 84.40 | 30.58 | 82.40 | 5.47 | 2.390 | 53.91 | 24.83 | |
| 8/3/02 18:30 | 84.40 | 30.71 | 77.20 | 5.12 | 2.523 | 49.76 | 25.23 | |
| 8/3/02 19:00 | 85.30 | 30.95 | 102.20 | 6.72 | 2.849 | 84.65 | 23.03 | |
| 8/3/02 19:30 | 85.20 | 31.01 | 98.90 | 6.50 | 3.028 | 87.67 | 21.63 | |
| 8/3/02 20:00 | 84.60 | 30.97 | 94.60 | 6.26 | 3.060 | 99.93 | 22.73 | |
| 8/3/02 20:30 | 84.30 | 31.06 | 89.60 | 5.94 | 3.258 | 32.53 | 23.43 | |
| 8/3/02 21:00 | 84.20 | 31.41 | 83.80 | 5.55 | 3.566 | 43.44 | 19.83 | |
| 8/3/02 21:30 | 84.10 | 32.00 | 73.70 | 4.87 | 3.759 | 24.54 | 17.63 | |
| 8/3/02 22:00 | 84.10 | 32.28 | 65.00 | 4.29 | 3.918 | 52.38 | 16.83 | |
| 8/3/02 22:30 | 84.10 | 32.53 | 57.80 | 3.81 | 3.990 | 152.12 | 16.93 | |
| 8/3/02 23:00 | 84.10 | 32.58 | 49.50 | 3.26 | 3.976 | 80.34 | 12.73 | |
| 8/3/02 23:30 | 84.00 | 32.53 | 47.70 | 3.15 | 3.888 | 36.91 | 12.33 | |
| 8/4/02 0:00 | 83.70 | 32.36 | 59.60 | 3.95 | 3.832 | 39.82 | 12.73 | |
| 8/4/02 0:30 | 83.60 | 32.34 | 58.30 | 3.86 | 3.829 | 77.75 | 12.03 | |
| 8/4/02 1:00 | 83.40 | 32.09 | 61.30 | 4.08 | 3.716 | 29.64 | 11.93 | |
| 8/4/02 1:30 | 83.10 | 31.95 | 64.00 | 4.27 | 3.673 | 34.42 | 13.43 | |
| 8/4/02 2:00 | 83.30 | 31.96 | 57.40 | 3.82 | 3.450 | 38.17 | 12.93 | |
| 8/4/02 2:30 | 83.70 | 32.75 | 47.40 | 3.13 | 3.388 | 41.81 | 11.93 | |
| 8/4/02 3:00 | 83.50 | 32.58 | 47.50 | 3.15 | 3.345 | 40.46 | 11.73 | |
| 8/4/02 3:30 | 83.50 | 32.45 | 45.90 | 3.04 | 3.318 | 88.08 | 13.03 | |
| 8/4/02 4:00 | 83.50 | 32.43 | 44.00 | 2.92 | 3.219 | 25.80 | 10.33 | |

| DateTime (mm/dd/year hr:min) | Temperature (F) | Salinity (ppt) | Dissolved Oxygen (%) | Dissolved Oxygen (mg/l) | Depth (ft) | Turbidity (NTU) | Chlorophyll l (ug/l) | NOTES |
|------------------------------------|--------------------|-------------------|----------------------------|-------------------------------|---------------|--------------------|-------------------------|-------|
| 8/4/02 4:30 | 83.40 | 32.36 | 47.60 | 3.16 | 3.307 | 31.00 | 13.03 | |
| 8/4/02 5:00 | 82.80 | 31.63 | 51.50 | 3.46 | 3.473 | 32.36 | 11.83 | |
| 8/4/02 5:30 | 82.80 | 31.88 | 56.40 | 3.77 | 3.608 | 31.53 | 13.03 | |
| 8/4/02 6:00 | 83.00 | 32.30 | 56.30 | 3.76 | 3.828 | 160.91 | 12.63 | |
| 8/4/02 6:30 | 82.80 | 32.45 | 61.80 | 4.13 | 4.013 | 28.51 | 12.13 | |
| 8/4/02 7:00 | 83.00 | 32.34 | 63.20 | 4.22 | 4.153 | 33.61 | 13.03 | |
| 8/4/02 7:30 | 83.10 | 32.79 | 65.80 | 4.37 | 4.377 | 25.40 | 11.42 | |
| 8/4/02 8:00 | 83.30 | 32.96 | 67.60 | 4.48 | 4.530 | 27.79 | 10.72 | |
| 8/4/02 8:30 | 83.40 | 33.22 | 70.90 | 4.68 | 4.702 | 26.33 | 10.62 | |
| 8/4/02 9:00 | 83.40 | 33.35 | 72.00 | 4.75 | 4.841 | 24.57 | 9.52 | |
| 8/4/02 9:30 | 83.50 | 33.07 | 72.60 | 4.80 | 4.920 | 53.50 | 9.52 | |
| 8/4/02 10:00 | 83.60 | 33.03 | 63.80 | 4.22 | 4.846 | 20.09 | 8.02 | |
| 8/4/02 10:30 | 83.40 | 32.94 | 66.30 | 4.39 | 4.856 | 21.55 | 10.42 | |
| 8/4/02 11:00 | 83.40 | 32.62 | 64.00 | 4.24 | 4.710 | 23.43 | 11.02 | |
| 8/4/02 11:30 | 83.60 | 32.64 | 63.70 | 4.22 | 4.452 | 25.30 | 11.42 | |
| 8/4/02 12:00 | 83.70 | 32.32 | 67.50 | 4.47 | 4.310 | 29.88 | 13.02 | |
| 8/4/02 12:30 | 84.10 | 32.54 | 71.60 | 4.73 | 4.176 | 33.63 | 15.62 | |
| 8/4/02 13:00 | 84.50 | 33.03 | 83.30 | 5.46 | 3.849 | 28.64 | 13.42 | |
| 8/4/02 13:30 | 84.70 | 33.55 | 88.80 | 5.79 | 3.526 | 29.16 | 14.82 | |
| 8/4/02 14:00 | 84.60 | 33.04 | 86.40 | 5.66 | 3.204 | 29.37 | 16.52 | |
| 8/4/02 14:30 | 84.20 | 31.78 | 76.40 | 5.06 | 2.822 | 39.16 | 19.42 | |
| 8/4/02 15:00 | 83.90 | 31.43 | 69.20 | 4.60 | 2.560 | 36.56 | 19.82 | |
| 8/4/02 15:30 | 84.10 | 31.24 | 81.80 | 5.43 | 2.220 | 37.19 | 21.62 | |
| 8/4/02 16:00 | 84.00 | 30.84 | 88.10 | 5.87 | 1.934 | 33.33 | 23.02 | |
| 8/4/02 16:30 | 84.20 | 30.70 | 87.80 | 5.85 | 1.766 | 37.82 | 21.52 | |
| 8/4/02 17:00 | 84.80 | 30.66 | 93.00 | 6.16 | 1.552 | 30.94 | 18.92 | |
| 8/4/02 17:30 | 85.10 | 30.53 | 96.70 | 6.39 | 1.624 | 51.05 | 22.42 | |
| 8/4/02 18:00 | 84.70 | 30.23 | 102.20 | 6.80 | 1.699 | 52.72 | 27.42 | |
| 8/4/02 18:30 | 84.70 | 30.43 | 105.80 | 7.02 | 1.954 | 53.56 | 31.02 | |
| 8/4/02 19:00 | 84.70 | 30.48 | 101.50 | 6.74 | 1.881 | 53.04 | 28.02 | |
| 8/4/02 19:30 | 84.50 | 30.48 | 95.60 | 6.36 | 1.883 | 43.25 | 25.62 | |
| 8/4/02 20:00 | 84.30 | 30.44 | 105.20 | 7.01 | 2.205 | 61.18 | 34.22 | |
| 8/4/02 20:30 | 84.00 | 30.38 | 96.80 | 6.48 | 2.558 | 61.81 | 34.92 | |
| 8/4/02 21:00 | 83.80 | 30.95 | 87.50 | 5.84 | 2.917 | 42.01 | 28.02 | |
| 8/4/02 21:30 | 84.10 | 31.60 | 84.80 | 5.63 | 3.151 | 46.59 | 26.22 | |
| 8/4/02 22:00 | 84.20 | 32.21 | 92.80 | 6.13 | 3.410 | 50.77 | 23.82 | |
| 8/4/02 22:30 | 84.20 | 32.32 | 91.70 | 6.06 | 3.548 | 49.83 | 20.92 | |
| 8/4/02 23:00 | 84.30 | 33.11 | 84.50 | 5.55 | 3.760 | 44.83 | 17.32 | |
| 8/4/02 23:30 | 84.30 | 33.16 | 84.20 | 5.54 | 3.847 | 39.93 | 14.32 | |
| 8/5/02 0:00 | 84.20 | 33.21 | 85.80 | 5.64 | 3.943 | 33.78 | 13.12 | |
| 8/5/02 0:30 | 84.20 | 33.25 | 84.40 | 5.55 | 4.013 | 37.85 | 13.32 | |
| 8/5/02 1:00 | 84.20 | 33.29 | 75.30 | 4.95 | 3.942 | 30.24 | 11.32 | |
| 8/5/02 1:30 | 84.20 | 33.30 | 69.30 | 4.55 | 3.888 | 35.14 | 11.92 | |
| 8/5/02 2:00 | 84.00 | 33.26 | 76.70 | 5.05 | 3.802 | 53.19 | 12.22 | |
| 8/5/02 2:30 | 83.90 | 33.15 | 74.80 | 4.93 | 3.619 | 31.08 | 12.92 | |
| 8/5/02 3:00 | 83.80 | 32.99 | 70.30 | 4.64 | 3.492 | 33.79 | 11.92 | |
| 8/5/02 3:30 | 83.90 | 33.18 | 70.00 | 4.61 | 3.361 | 130.21 | 13.72 | |
| 8/5/02 4:00 | 83.70 | 32.70 | 68.40 | 4.53 | 3.173 | 43.40 | 12.72 | |
| 8/5/02 4:30 | 84.00 | 33.24 | 63.30 | 4.17 | 3.275 | 125.01 | 16.72 | |
| 8/5/02 5:00 | 84.00 | 33.29 | 66.30 | 4.37 | 3.304 | 100.91 | 14.12 | |
| 8/5/02 5:30 | 83.90 | 33.16 | 56.10 | 3.70 | 3.255 | 44.14 | 11.22 | |
| 8/5/02 6:00 | 83.80 | 32.92 | 63.30 | 4.19 | 3.339 | 39.34 | 13.72 | |

| DateTime (mm/dd/year hr:min) | Temperature (F) | Salinity (ppt) | Dissolved Oxygen (%) | Dissolved Oxygen (mg/l) | Depth (ft) | Turbidity (NTU) | Chlorophyll l (ug/l) | NOTES |
|------------------------------------|--------------------|-------------------|----------------------------|-------------------------------|---------------|--------------------|-------------------------|-------|
| 8/5/02 6:30 | 83.80 | 33.04 | 61.50 | 4.06 | 3.481 | 143.94 | 14.22 | |
| 8/5/02 7:00 | 83.90 | 33.29 | 61.20 | 4.04 | 3.663 | 144.68 | 14.32 | |
| 8/5/02 7:30 | 83.90 | 33.35 | 65.10 | 4.29 | 3.803 | 34.75 | 15.52 | |
| 8/5/02 8:00 | 83.80 | 33.29 | 66.60 | 4.39 | 3.983 | 110.03 | 12.92 | |
| 8/5/02 8:30 | 83.80 | 33.32 | 64.50 | 4.26 | 4.116 | 30.89 | 12.72 | |
| 8/5/02 9:00 | 83.90 | 33.44 | 64.30 | 4.24 | 4.274 | 156.20 | 12.92 | |
| 8/5/02 9:30 | 83.90 | 33.67 | 68.90 | 4.53 | 4.454 | 40.61 | 12.52 | |
| 8/5/02 10:00 | 84.20 | 34.12 | 71.30 | 4.67 | 4.607 | 153.82 | 13.52 | |
| 8/5/02 10:30 | 84.40 | 34.37 | 73.50 | 4.79 | 4.619 | 178.90 | 10.32 | |
| 8/5/02 11:00 | 84.50 | 34.40 | 77.20 | 5.04 | 4.684 | 186.44 | 10.52 | |
| 8/5/02 11:30 | 84.60 | 34.46 | 78.50 | 5.11 | 4.662 | 20.25 | 9.12 | |
| 8/5/02 12:00 | 84.70 | 34.38 | 80.00 | 5.21 | 4.517 | 86.48 | 8.62 | |
| 8/5/02 12:30 | 85.00 | 34.26 | 84.60 | 5.50 | 4.315 | 89.00 | 10.02 | |
| 8/5/02 13:00 | 84.80 | 33.68 | 89.70 | 5.86 | 4.033 | 86.70 | 10.72 | |
| 8/5/02 13:30 | 85.00 | 33.48 | 94.60 | 6.18 | 3.744 | 78.45 | 13.12 | |
| 8/5/02 14:00 | 85.20 | 33.04 | 101.10 | 6.60 | 3.376 | 78.04 | 16.62 | |
| 8/5/02 14:30 | 85.60 | 32.64 | 106.50 | 6.94 | 2.977 | 108.25 | 18.22 | |
| 8/5/02 15:00 | 86.30 | 32.23 | 111.70 | 7.25 | 2.592 | 78.47 | 19.82 | |
| 8/5/02 15:30 | 86.70 | 32.05 | 110.20 | 7.14 | 2.250 | 94.57 | 21.42 | |
| 8/5/02 16:00 | 88.30 | 31.66 | 131.60 | 8.42 | 1.882 | 90.92 | 20.92 | |
| 8/5/02 16:30 | 88.40 | 30.93 | 129.50 | 8.31 | 1.569 | 70.33 | 25.42 | |
| 8/5/02 17:00 | 88.90 | 30.73 | 123.10 | 7.88 | 1.342 | 100.03 | 33.22 | |
| 8/5/02 17:30 | 89.80 | 30.86 | 133.50 | 8.47 | 1.083 | 61.45 | 26.72 | |
| 8/5/02 18:00 | 89.70 | 30.71 | 127.00 | 8.08 | 0.987 | 58.11 | 26.42 | |
| 8/5/02 18:30 | 89.30 | 30.43 | 118.50 | 7.57 | 0.962 | 80.28 | 28.71 | |
| 8/5/02 19:00 | 89.40 | 29.84 | 119.00 | 7.62 | 1.037 | 60.73 | 32.21 | |
| 8/5/02 19:30 | 88.60 | 30.38 | 116.00 | 7.47 | 1.190 | 58.65 | 31.51 | |
| 8/5/02 20:00 | 88.30 | 30.17 | 110.50 | 7.14 | 1.531 | 67.85 | 32.91 | |
| 8/5/02 20:30 | 88.60 | 29.93 | 110.60 | 7.13 | 1.790 | 53.32 | 32.71 | |
| 8/5/02 21:00 | 87.70 | 30.51 | 104.40 | 6.76 | 2.104 | 49.97 | 28.91 | |
| 8/5/02 21:30 | 87.10 | 31.17 | 99.70 | 6.47 | 2.420 | 67.24 | 28.01 | |
| 8/5/02 22:00 | 87.00 | 31.70 | 102.70 | 6.65 | 2.692 | 80.95 | 26.41 | |
| 8/5/02 22:30 | 86.90 | 31.63 | 102.00 | 6.61 | 3.035 | 49.04 | 24.51 | |
| 8/5/02 23:00 | 86.80 | 32.49 | 94.10 | 6.08 | 3.469 | 89.65 | 28.41 | |
| 8/5/02 23:30 | 86.80 | 33.07 | 97.10 | 6.26 | 3.810 | 42.77 | 17.21 | |
| 8/6/02 0:00 | 86.70 | 33.30 | 96.80 | 6.23 | 3.957 | 53.24 | 15.61 | |
| 8/6/02 0:30 | 86.60 | 33.82 | 95.30 | 6.13 | 4.056 | 71.98 | 17.21 | |
| 8/6/02 1:00 | 86.50 | 34.06 | 94.40 | 6.06 | 4.139 | 76.59 | 15.91 | |
| 8/6/02 1:30 | 86.30 | 33.68 | 90.90 | 5.86 | 4.085 | 47.18 | 12.31 | |
| 8/6/02 2:00 | 86.10 | 33.32 | 83.50 | 5.41 | 4.027 | 38.39 | 13.91 | |
| 8/6/02 2:30 | 85.70 | 32.32 | 75.30 | 4.92 | 3.797 | 52.31 | 17.81 | |
| 8/6/02 3:00 | 85.50 | 32.48 | 66.40 | 4.34 | 3.639 | 86.66 | 20.61 | |
| 8/6/02 3:30 | 85.50 | 32.43 | 66.00 | 4.32 | 3.456 | 77.55 | 20.81 | |
| 8/6/02 4:00 | 85.50 | 31.76 | 68.70 | 4.51 | 3.260 | 125.00 | 18.71 | |
| 8/6/02 4:30 | 85.40 | 31.85 | 66.10 | 4.34 | 3.094 | 99.14 | 18.91 | |
| 8/6/02 5:00 | 85.30 | 32.00 | 65.00 | 4.27 | 2.965 | 84.90 | 18.91 | |
| 8/6/02 5:30 | 85.10 | 31.64 | 61.80 | 4.08 | 2.819 | 65.01 | 21.61 | |
| 8/6/02 6:00 | 85.00 | 31.41 | 58.10 | 3.84 | 2.717 | 113.30 | 21.71 | |
| 8/6/02 6:30 | 85.00 | 31.79 | 67.40 | 4.45 | 2.790 | 59.99 | 21.01 | |
| 8/6/02 7:00 | 84.80 | 32.35 | 62.20 | 4.10 | 2.917 | 54.44 | 22.21 | |
| 8/6/02 7:30 | 84.40 | 31.98 | 62.60 | 4.14 | 3.085 | 53.08 | 20.01 | |
| 8/6/02 8:00 | 84.70 | 31.96 | 62.50 | 4.13 | 3.257 | 55.18 | 19.51 | |

| DateTime (mm/dd/year hr:min) | Temperature (F) | Salinity (ppt) | Dissolved Oxygen (%) | Dissolved Oxygen (mg/l) | Depth (ft) | Turbidity (NTU) | Chlorophyll l (ug/l) | NOTES |
|------------------------------------|--------------------|-------------------|----------------------------|-------------------------------|---------------|--------------------|-------------------------|-------|
| 8/6/02 8:30 | 84.80 | 32.11 | 66.30 | 4.37 | 3.460 | 46.06 | 20.61 | |
| 8/6/02 9:00 | 84.60 | 32.10 | 71.50 | 4.73 | 3.701 | 44.29 | 18.41 | |
| 8/6/02 9:30 | 84.60 | 31.28 | 71.00 | 4.72 | 3.950 | 55.08 | 19.11 | |
| 8/6/02 10:00 | 84.60 | 31.53 | 71.10 | 4.71 | 4.154 | 44.82 | 20.31 | |
| 8/6/02 10:30 | 84.80 | 31.97 | 75.20 | 4.97 | 4.418 | 43.98 | 20.51 | |
| 8/6/02 11:00 | 85.00 | 32.05 | 73.40 | 4.84 | 4.603 | 71.55 | 23.41 | |
| 8/6/02 11:30 | 85.50 | 33.26 | 79.70 | 5.19 | 4.732 | 41.57 | 19.31 | |
| 8/6/02 12:00 | 85.80 | 32.90 | 87.60 | 5.71 | 4.740 | 32.87 | 16.91 | |
| 8/6/02 12:30 | 86.00 | 32.69 | 88.50 | 5.76 | 4.688 | 29.73 | 15.51 | |
| 8/6/02 13:00 | 86.20 | 33.87 | 83.80 | 5.41 | 4.508 | 47.24 | 22.81 | |
| 8/6/02 13:30 | 86.20 | 32.69 | 78.00 | 5.07 | 4.258 | 61.30 | 20.41 | |
| 8/6/02 14:00 | 86.70 | 32.72 | 87.20 | 5.64 | 3.946 | 63.92 | 18.81 | |
| 8/6/02 14:30 | 87.00 | 32.63 | 91.40 | 5.90 | 3.618 | 55.85 | 20.21 | |
| 8/6/02 15:00 | 87.10 | 32.53 | 89.80 | 5.80 | 3.232 | 55.02 | 21.21 | |
| 8/6/02 15:30 | 87.50 | 32.36 | 94.20 | 6.06 | 2.781 | 57.75 | 23.01 | |
| 8/6/02 16:00 | 88.00 | 32.25 | 101.00 | 6.48 | 2.354 | 50.09 | 20.71 | |
| 8/6/02 16:30 | 88.10 | 31.48 | 99.30 | 6.39 | 1.930 | 92.59 | 27.81 | |
| 8/6/02 17:00 | 88.40 | 31.42 | 105.40 | 6.77 | 1.529 | 84.20 | 23.81 | |
| 8/6/02 17:30 | 88.60 | 31.42 | 105.20 | 6.74 | 1.180 | 138.24 | 25.61 | |
| 8/6/02 18:00 | 88.70 | 31.36 | 102.00 | 6.54 | 0.906 | 103.41 | 25.61 | |
| 8/6/02 18:30 | 88.50 | 31.21 | 99.70 | 6.40 | 0.674 | 96.39 | 24.91 | |
| 8/6/02 19:00 | 88.30 | 31.31 | 90.80 | 5.84 | 0.525 | 60.92 | 21.71 | |
| 8/6/02 19:30 | 88.10 | 31.01 | 83.10 | 5.36 | 0.487 | 92.52 | 21.11 | |
| 8/6/02 20:00 | 88.40 | 30.04 | 97.20 | 6.29 | 0.666 | 72.37 | 29.31 | |
| 8/6/02 20:30 | 87.30 | 30.38 | 92.50 | 6.03 | 0.946 | 60.30 | 27.81 | |
| 8/6/02 21:00 | 87.80 | 30.47 | 91.20 | 5.92 | 1.251 | 82.67 | 28.91 | |
| 8/6/02 21:30 | 87.20 | 30.90 | 89.50 | 5.82 | 1.647 | 63.57 | 29.91 | |
| 8/6/02 22:00 | 86.80 | 30.74 | 87.70 | 5.73 | 2.071 | 106.30 | 27.51 | |
| 8/6/02 22:30 | 87.00 | 30.62 | 85.50 | 5.59 | 2.516 | 80.48 | 25.51 | |
| 8/6/02 23:00 | 86.90 | 30.20 | 85.90 | 5.63 | 2.935 | 77.13 | 26.21 | |
| 8/6/02 23:30 | 86.60 | 29.87 | 84.00 | 5.53 | 3.286 | 43.63 | 19.31 | |
| 8/7/02 0:00 | 86.50 | 30.17 | 83.40 | 5.49 | 3.714 | 54.55 | 17.41 | |
| 8/7/02 0:30 | 86.40 | 30.69 | 82.40 | 5.41 | 4.029 | 78.72 | 18.81 | |
| 8/7/02 1:00 | 86.10 | 30.81 | 86.40 | 5.69 | 4.177 | 36.07 | 14.61 | |
| 8/7/02 1:30 | 86.10 | 31.16 | 85.20 | 5.60 | 4.241 | 72.00 | 15.11 | |
| 8/7/02 2:00 | 86.00 | 30.96 | 77.90 | 5.12 | 4.282 | 52.05 | 16.61 | |
| 8/7/02 2:30 | 86.00 | 30.34 | 71.70 | 4.73 | 4.262 | 106.90 | 19.41 | |
| 8/7/02 3:00 | 85.90 | 30.21 | 68.20 | 4.51 | 4.097 | 74.22 | 21.61 | |
| 8/7/02 3:30 | 85.80 | 30.21 | 65.00 | 4.30 | 3.845 | 65.40 | 20.41 | |
| 8/7/02 4:00 | 85.70 | 29.78 | 64.50 | 4.29 | 3.717 | 79.28 | 20.41 | |
| 8/7/02 4:30 | 85.50 | 29.53 | 63.80 | 4.25 | 3.516 | 64.89 | 20.01 | |
| 8/7/02 5:00 | 85.30 | 29.67 | 65.40 | 4.36 | 3.324 | 59.74 | 18.10 | |
| 8/7/02 5:30 | 85.10 | 28.81 | 64.00 | 4.30 | 3.106 | 48.81 | 20.30 | |
| 8/7/02 6:00 | 84.80 | 28.03 | 65.50 | 4.43 | 2.907 | 88.87 | 21.30 | |
| 8/7/02 6:30 | 84.60 | 27.68 | 63.10 | 4.28 | 2.785 | 87.50 | 25.30 | |
| 8/7/02 7:00 | 84.50 | 27.61 | 62.50 | 4.25 | 2.718 | 77.31 | 23.20 | |
| 8/7/02 7:30 | 84.40 | 27.36 | 63.30 | 4.31 | 2.799 | 63.86 | 23.60 | |
| 8/7/02 8:00 | 84.40 | 27.16 | 64.40 | 4.39 | 2.974 | 48.51 | 23.10 | |
| 8/7/02 8:30 | 84.40 | 27.10 | 61.90 | 4.23 | 3.136 | 40.42 | 20.30 | |
| 8/7/02 9:00 | 84.50 | 27.18 | 60.60 | 4.13 | 3.422 | 52.41 | 24.60 | |
| 8/7/02 9:30 | 84.60 | 27.22 | 60.40 | 4.11 | 3.709 | 77.34 | 24.60 | |
| 8/7/02 10:00 | 84.70 | 27.91 | 58.50 | 3.96 | 3.985 | 78.08 | 27.00 | |

| DateTime (mm/dd/year hr:min) | Temperature (F) | Salinity (ppt) | Dissolved Oxygen (%) | Dissolved Oxygen (mg/l) | Depth (ft) | Turbidity (NTU) | Chlorophyll l (ug/l) | NOTES |
|------------------------------------|--------------------|-------------------|----------------------------|-------------------------------|---------------|--------------------|-------------------------|-------|
| 8/7/02 10:30 | 84.60 | 28.03 | 62.80 | 4.25 | 4.292 | 110.38 | 24.90 | |
| 8/7/02 11:00 | 84.80 | 28.27 | 61.90 | 4.18 | 4.585 | 119.22 | 26.70 | |
| 8/7/02 11:30 | 85.10 | 29.55 | 55.60 | 3.72 | 4.792 | 132.07 | 30.60 | |
| 8/7/02 12:00 | 85.10 | 30.76 | 56.80 | 3.78 | 4.896 | 142.70 | 25.50 | |
| 8/7/02 12:30 | 85.30 | 31.21 | 59.60 | 3.95 | 4.934 | 101.78 | 20.50 | |
| 8/7/02 13:00 | 85.40 | 31.18 | 63.20 | 4.18 | 4.884 | 228.80 | 22.20 | |
| 8/7/02 13:30 | 85.50 | 31.53 | 61.90 | 4.08 | 4.752 | 110.42 | 20.00 | |
| 8/7/02 14:00 | 85.60 | 31.73 | 60.40 | 3.98 | 4.491 | 58.02 | 29.60 | |
| 8/7/02 14:30 | 85.70 | 31.84 | 57.60 | 3.79 | 4.174 | 221.16 | 42.70 | |
| 8/7/02 15:00 | 86.10 | 29.03 | 73.60 | 4.90 | 3.795 | 217.60 | 23.80 | |
| 8/7/02 15:30 | 86.10 | 28.81 | 64.10 | 4.27 | 3.356 | 127.82 | 28.00 | |
| 8/7/02 16:00 | 86.10 | 29.31 | 67.40 | 4.47 | 2.897 | 172.26 | 61.30 | |
| 8/7/02 16:30 | 86.40 | 28.46 | 83.30 | 5.55 | 2.361 | 255.02 | 74.90 | |
| 8/7/02 17:00 | 86.50 | 28.50 | 85.70 | 5.70 | 1.937 | 255.14 | 26.20 | |
| 8/7/02 17:30 | 86.40 | 28.82 | 82.20 | 5.46 | 1.542 | 113.22 | 20.60 | |
| 8/7/02 18:00 | 86.40 | 28.74 | 78.00 | 5.19 | 1.100 | 90.27 | 18.20 | |
| 8/7/02 18:30 | 86.40 | 28.95 | 86.10 | 5.72 | 0.723 | 72.59 | 22.30 | |
| 8/7/02 19:00 | 86.30 | 29.91 | 75.50 | 4.99 | 0.426 | 207.82 | 31.50 | |
| 8/7/02 19:30 | 85.90 | 30.01 | 55.00 | 3.65 | 0.172 | 169.92 | 28.10 | |
| 8/7/02 20:00 | 85.60 | 29.79 | 38.90 | 2.59 | 0.085 | 392.51 | 21.70 | |
| 8/7/02 20:30 | 85.30 | 29.95 | 49.80 | 3.32 | 0.171 | 153.51 | 27.60 | |
| 8/7/02 21:00 | 85.40 | 29.66 | 72.10 | 4.81 | 0.456 | 179.96 | 38.50 | |
| 8/7/02 21:30 | 85.00 | 29.44 | 72.50 | 4.86 | 0.767 | 168.39 | 33.00 | |
| 8/7/02 22:00 | 85.00 | 29.32 | 74.90 | 5.03 | 1.158 | 209.60 | 34.50 | |
| 8/7/02 22:30 | 85.00 | 29.20 | 73.50 | 4.94 | 1.544 | 204.98 | 29.20 | |
| 8/7/02 23:00 | 85.00 | 29.25 | 68.00 | 4.57 | 1.917 | 214.68 | 32.40 | |
| 8/7/02 23:30 | 85.20 | 29.41 | 64.70 | 4.33 | 2.263 | 205.53 | 32.50 | |
| 8/8/02 0:00 | 84.90 | 29.42 | 62.80 | 4.22 | 2.660 | 298.82 | 32.70 | |
| 8/8/02 0:30 | 85.10 | 29.52 | 58.20 | 3.90 | 3.037 | 285.04 | 33.20 | |
| 8/8/02 1:00 | 84.80 | 29.43 | 57.00 | 3.83 | 3.356 | 236.78 | 29.10 | |
| 8/8/02 1:30 | 84.80 | 29.53 | 55.00 | 3.70 | 3.688 | 278.44 | 26.10 | |
| 8/8/02 2:00 | 84.70 | 29.52 | 52.70 | 3.55 | 3.799 | 321.26 | 26.40 | |
| 8/8/02 2:30 | 84.60 | 31.06 | 50.40 | 3.36 | 3.927 | 271.09 | 15.00 | |
| 8/8/02 3:00 | 84.50 | 31.62 | 51.10 | 3.40 | 3.820 | 253.93 | 27.50 | |
| 8/8/02 3:30 | 84.30 | 31.61 | 48.30 | 3.22 | 3.684 | 426.04 | 32.90 | |
| 8/8/02 4:00 | 84.00 | 30.51 | 42.20 | 2.84 | 3.456 | 648.59 | 23.90 | |
| 8/8/02 4:30 | 83.90 | 30.24 | 43.80 | 2.96 | 3.129 | 562.37 | 77.90 | |
| 8/8/02 5:00 | 83.30 | 29.87 | 44.00 | 2.99 | 2.898 | 677.17 | 19.40 | |
| 8/8/02 5:30 | 82.50 | 29.31 | 48.50 | 3.33 | 2.707 | 199.38 | 20.70 | |
| 8/8/02 6:00 | 82.10 | 29.32 | 47.50 | 3.28 | 2.424 | 247.49 | 19.80 | |
| 8/8/02 6:30 | 81.30 | 29.69 | 45.90 | 3.19 | 2.192 | 211.96 | 24.20 | |
| 8/8/02 7:00 | 81.10 | 29.69 | 41.50 | 2.89 | 2.170 | 232.86 | 25.00 | |
| 8/8/02 7:30 | 80.90 | 29.67 | 45.50 | 3.17 | 2.282 | 171.79 | 24.80 | |
| 8/8/02 8:00 | 80.60 | 29.72 | 49.30 | 3.44 | 2.364 | 381.05 | 21.70 | |
| 8/8/02 8:30 | 81.00 | 29.88 | 51.50 | 3.58 | 2.547 | 233.65 | 17.70 | |
| 8/8/02 9:00 | 81.50 | 29.84 | 58.90 | 4.08 | 2.809 | 222.69 | 19.30 | |
| 8/8/02 9:30 | 82.20 | 29.84 | 57.50 | 3.96 | 3.126 | 79.59 | 20.50 | |
| 8/8/02 10:00 | 82.50 | 30.65 | 56.00 | 3.83 | 3.438 | 81.92 | 23.90 | |
| 8/8/02 10:30 | 82.60 | 30.94 | 68.20 | 4.64 | 3.812 | 86.99 | 22.00 | |
| 8/8/02 11:00 | 82.90 | 31.36 | 70.50 | 4.78 | 4.117 | 115.08 | 26.20 | |
| 8/8/02 11:30 | 83.40 | 32.20 | 65.70 | 4.41 | 4.476 | 39.18 | 20.50 | |
| 8/8/02 12:00 | 83.40 | 32.35 | 69.40 | 4.66 | 4.750 | 32.53 | 19.30 | |

| DateTime (mm/dd/year hr:min) | Temperature (F) | Salinity (ppt) | Dissolved Oxygen (%) | Dissolved Oxygen (mg/l) | Depth (ft) | Turbidity (NTU) | Chlorophyll l (ug/l) | NOTES |
|------------------------------------|--------------------|-------------------|----------------------------|-------------------------------|---------------|--------------------|-------------------------|-------|
| 8/8/02 12:30 | 83.60 | 32.42 | 74.00 | 4.96 | 5.045 | 36.65 | 29.20 | |
| 8/8/02 13:00 | 83.70 | 32.32 | 75.40 | 5.05 | 5.199 | 25.67 | 22.50 | |
| 8/8/02 13:30 | 84.00 | 32.25 | 78.60 | 5.24 | 5.226 | 35.81 | 17.80 | |
| 8/8/02 14:00 | 84.30 | 32.95 | 77.40 | 5.14 | 5.183 | 227.60 | 18.30 | |
| 8/8/02 14:30 | 84.60 | 32.37 | 77.90 | 5.17 | 4.987 | 149.78 | 25.70 | |
| 8/8/02 15:00 | 84.50 | 32.59 | 76.70 | 5.09 | 4.682 | 122.74 | 23.60 | |
| 8/8/02 15:30 | 84.80 | 32.32 | 80.50 | 5.34 | 4.284 | 118.11 | 14.70 | |
| 8/8/02 16:00 | 85.10 | 31.42 | 94.70 | 6.29 | 3.899 | 112.20 | 16.69 | |
| 8/8/02 16:30 | 85.30 | 31.25 | 94.00 | 6.24 | 3.447 | 48.07 | 22.89 | |
| 8/8/02 17:00 | 85.20 | 31.03 | 101.50 | 6.76 | 2.927 | 47.97 | 25.49 | |
| 8/8/02 17:30 | 85.10 | 30.59 | 105.80 | 7.06 | 2.449 | 117.40 | 27.59 | |
| 8/8/02 18:00 | 85.30 | 30.30 | 106.60 | 7.12 | 1.990 | 139.39 | 23.89 | |
| 8/8/02 18:30 | 85.20 | 30.35 | 103.50 | 6.91 | 1.501 | 127.03 | 31.09 | |
| 8/8/02 19:00 | 84.90 | 29.91 | 113.40 | 7.61 | 1.087 | 185.17 | 0.79 | |
| 8/8/02 19:30 | 84.60 | 29.85 | 109.80 | 7.39 | 0.709 | 189.20 | 36.39 | |
| 8/8/02 20:00 | 84.00 | 29.87 | 100.10 | 6.78 | 0.395 | 186.25 | 32.79 | |
| 8/8/02 20:30 | 83.30 | 29.88 | 83.40 | 5.68 | 0.171 | 210.37 | 41.49 | |
| 8/8/02 21:00 | 82.60 | 29.86 | 66.30 | 4.55 | 0.132 | 219.90 | 162.09 | |
| 8/8/02 21:30 | 81.90 | 29.83 | 84.30 | 5.82 | 0.273 | 198.66 | 0.00 | |
| 8/8/02 22:00 | 82.50 | 29.31 | 93.50 | 6.44 | 0.619 | 214.64 | 53.19 | |
| 8/8/02 22:30 | 82.20 | 29.41 | 89.20 | 6.16 | 0.993 | 137.78 | 41.69 | |
| 8/8/02 23:00 | 82.00 | 29.44 | 92.60 | 6.40 | 1.350 | 299.91 | 38.59 | |
| 8/8/02 23:30 | 82.30 | 29.22 | 91.00 | 6.28 | 1.692 | 203.48 | 37.89 | |
| 8/9/02 0:00 | 82.60 | 29.67 | 86.60 | 5.95 | 2.078 | 248.55 | 27.39 | |
| 8/9/02 0:30 | 82.60 | 30.08 | 88.80 | 6.09 | 2.477 | 181.93 | 26.09 | |
| 8/9/02 1:00 | 82.70 | 30.14 | 84.20 | 5.76 | 2.881 | 233.67 | 112.69 | |
| 8/9/02 1:30 | 82.60 | 30.38 | 79.70 | 5.45 | 3.235 | 277.48 | 37.59 | |
| 8/9/02 2:00 | 82.70 | 30.35 | 70.20 | 4.80 | 3.434 | 370.71 | 36.99 | |
| 8/9/02 2:30 | 82.40 | 30.55 | 67.40 | 4.62 | 3.620 | 274.14 | 35.79 | |
| 8/9/02 3:00 | 82.20 | 30.77 | 64.30 | 4.40 | 3.711 | 361.88 | 23.59 | |
| 8/9/02 3:30 | 82.30 | 30.98 | 66.20 | 4.53 | 3.704 | 355.02 | 0.39 | |
| 8/9/02 4:00 | 82.10 | 31.09 | 56.30 | 3.86 | 3.626 | 259.27 | 21.09 | |
| 8/9/02 4:30 | 81.70 | 30.73 | 56.30 | 3.88 | 3.515 | 300.25 | 29.29 | |
| 8/9/02 5:00 | 81.40 | 30.63 | 57.20 | 3.95 | 3.336 | 281.33 | 18.89 | |
| 8/9/02 5:30 | 81.00 | 30.39 | 59.10 | 4.11 | 3.141 | 269.81 | 31.49 | |
| 8/9/02 6:00 | 80.40 | 30.24 | 63.90 | 4.47 | 2.888 | 241.03 | 30.59 | |
| 8/9/02 6:30 | 80.10 | 30.17 | 63.30 | 4.44 | 2.679 | 232.69 | 0.39 | |
| 8/9/02 7:00 | 79.40 | 30.16 | 60.80 | 4.30 | 2.533 | 134.87 | 96.49 | |
| 8/9/02 7:30 | 78.90 | 29.99 | 56.00 | 3.98 | 2.424 | 186.13 | 23.99 | |
| 8/9/02 8:00 | 78.30 | 29.83 | 49.60 | 3.54 | 2.381 | 163.06 | 32.39 | |
| 8/9/02 8:30 | 78.40 | 29.96 | 59.30 | 4.23 | 2.476 | 126.75 | 29.59 | |
| 8/9/02 9:00 | 79.30 | 30.25 | 58.90 | 4.16 | 2.670 | 205.55 | 40.99 | |
| 8/9/02 9:30 | 79.60 | 30.24 | 66.40 | 4.68 | 2.897 | 134.39 | 30.09 | |
| 8/9/02 10:00 | 80.30 | 30.36 | 68.40 | 4.79 | 3.209 | 200.50 | 34.29 | |
| 8/9/02 10:30 | 80.80 | 30.81 | 71.80 | 4.99 | 3.560 | 192.99 | 29.59 | |
| 8/9/02 11:00 | 81.30 | 31.29 | 74.20 | 5.11 | 3.904 | 214.51 | 18.29 | |
| 8/9/02 11:30 | 82.00 | 32.01 | 81.60 | 5.57 | 4.264 | 236.88 | 24.19 | |
| 8/9/02 12:00 | 82.40 | 32.68 | 81.60 | 5.53 | 4.630 | 188.79 | 54.59 | |
| 8/9/02 12:30 | 82.50 | 32.84 | 84.50 | 5.71 | 4.970 | 177.47 | 4.19 | |
| 8/9/02 13:00 | 83.00 | 33.05 | 85.80 | 5.77 | 5.184 | 167.09 | 62.39 | |
| 8/9/02 13:30 | 83.10 | 33.06 | 88.50 | 5.95 | 5.365 | 120.58 | 75.39 | |
| 8/9/02 14:00 | 83.10 | 33.24 | 85.50 | 5.73 | 5.453 | 180.58 | 36.49 | |

| DateTime (mm/dd/year hr:min) | Temperature (F) | Salinity (ppt) | Dissolved Oxygen (%) | Dissolved Oxygen (mg/l) | Depth (ft) | Turbidity (NTU) | Chlorophyl l (ug/l) | NOTES |
|------------------------------------|--------------------|-------------------|----------------------------|-------------------------------|---------------|--------------------|------------------------|-------|
| 8/9/02 14:30 | 83.30 | 33.30 | 83.70 | 5.60 | 5.387 | 184.19 | 33.09 | |
| 8/9/02 15:00 | 83.50 | 33.26 | 77.30 | 5.17 | 5.199 | 195.23 | 8.89 | |
| 8/9/02 15:30 | 83.90 | 33.17 | 84.00 | 5.60 | 4.934 | 232.03 | 26.29 | |
| 8/9/02 16:00 | 83.90 | 32.86 | 95.30 | 6.37 | 4.559 | 303.18 | 47.69 | |
| 8/9/02 16:30 | 84.40 | 32.81 | 93.00 | 6.18 | 4.139 | 263.55 | 0.29 | |
| 8/9/02 17:00 | 84.00 | 32.64 | 98.00 | 6.54 | 3.707 | 288.70 | 122.19 | |
| 8/9/02 17:30 | 84.10 | 31.70 | 99.10 | 6.65 | 3.201 | 436.75 | 69.99 | |
| 8/9/02 18:00 | 83.90 | 31.07 | 102.30 | 6.90 | 2.652 | 151.73 | 46.99 | |
| 8/9/02 18:30 | 82.80 | 29.76 | 107.50 | 7.37 | 2.044 | 392.06 | 32.99 | |
| 8/9/02 19:00 | 82.70 | 29.62 | 107.10 | 7.36 | 1.510 | 410.96 | 29.99 | |
| 8/9/02 19:30 | 82.50 | 29.73 | | | 1.074 | 484.71 | 0.59 | |
| 8/9/02 20:00 | 81.90 | 29.65 | | | 0.655 | 330.93 | 37.19 | |
| 8/9/02 20:30 | 81.10 | 29.64 | | | 0.316 | 501.86 | 32.09 | |
| 8/9/02 21:00 | 80.20 | 29.72 | | | 0.038 | 304.46 | 38.99 | |
| 8/9/02 21:30 | 79.40 | 29.93 | | | 0.000 | 326.12 | 53.69 | |
| 8/9/02 22:00 | 78.70 | 29.63 | | | 0.000 | 238.82 | 28.59 | |
| 8/9/02 22:30 | 79.80 | 29.37 | | | 0.325 | 395.78 | 35.49 | |
| 8/9/02 23:00 | 79.80 | 29.48 | | | 0.784 | 370.45 | 40.09 | |
| 8/9/02 23:30 | 80.40 | 29.61 | | | 1.283 | 422.37 | 67.19 | |
| 8/10/02 0:00 | 80.70 | 29.39 | | | 1.727 | 433.44 | 55.49 | |
| 8/10/02 0:30 | 80.90 | 29.67 | | | 2.206 | 397.70 | 5.79 | |
| 8/10/02 1:00 | 81.30 | 30.01 | | | 2.663 | 396.67 | 91.79 | |
| 8/10/02 1:30 | 81.40 | 30.09 | | | 3.126 | 574.52 | 40.69 | |
| 8/10/02 2:00 | 81.30 | 29.88 | | | 3.452 | 629.24 | 26.59 | |
| 8/10/02 2:30 | 81.30 | 30.03 | | | 3.691 | 432.85 | 85.98 | |
| 8/10/02 3:00 | 81.30 | 30.37 | | | 3.813 | 626.46 | 93.28 | |
| 8/10/02 3:30 | 81.40 | 30.71 | | | 3.893 | 777.94 | 0.08 | |
| 8/10/02 4:00 | 81.40 | 30.96 | | | 3.913 | 782.24 | 77.98 | |
| 8/10/02 4:30 | 81.30 | 30.90 | | | 3.827 | 893.82 | 47.78 | |
| 8/10/02 5:00 | 81.10 | 30.72 | | | 3.648 | 115.95 | 44.38 | |
| 8/10/02 5:30 | 80.70 | 30.35 | | | 3.538 | 844.02 | 13.28 | |
| 8/10/02 6:00 | 80.40 | 30.05 | | | 3.417 | 331.51 | 14.18 | |
| 8/10/02 6:30 | 80.20 | 30.05 | | | 3.180 | 725.58 | 53.68 | |
| 8/10/02 7:00 | 79.70 | 29.71 | | | 2.925 | 150.94 | 68.28 | |
| 8/10/02 7:30 | 79.20 | 29.69 | | | 2.652 | 171.46 | 19.78 | |
| 8/10/02 8:00 | 79.00 | 29.75 | | | 2.445 | 593.76 | 20.68 | |
| 8/10/02 8:30 | 78.70 | 29.74 | | | 2.348 | 162.87 | 16.78 | |
| 8/10/02 9:00 | 78.10 | 29.57 | | | 2.277 | 369.38 | 18.48 | |
| 8/10/02 9:30 | 78.70 | 29.70 | | | 2.354 | 342.62 | 21.48 | |
| 8/10/02 10:00 | 78.90 | 29.79 | | | 2.567 | 325.32 | 51.58 | |
| 8/10/02 10:30 | 79.40 | 29.86 | | | 2.839 | 416.02 | 29.48 | |
| 8/10/02 11:00 | 80.00 | 29.81 | | | 3.179 | 370.12 | 19.88 | |
| 8/10/02 11:30 | 80.80 | 30.09 | | | 3.512 | 427.24 | 35.48 | |
| 8/10/02 12:00 | 81.10 | 30.38 | | | 3.825 | 106.81 | 66.18 | |
| 8/10/02 12:30 | 81.90 | 31.62 | | | 4.198 | 315.02 | 15.48 | |
| 8/10/02 13:00 | 82.10 | 32.09 | | | 4.578 | 292.92 | 0.38 | |
| 8/10/02 13:30 | 82.40 | 32.39 | | | 4.870 | 13.25 | 12.88 | |
| 8/10/02 14:00 | 82.90 | 32.34 | | | 5.082 | 61.32 | 6.78 | |
| 8/10/02 14:30 | 83.20 | 32.74 | | | 5.216 | 46.65 | 7.78 | |
| 8/10/02 15:00 | 83.50 | 32.84 | | | 5.280 | 57.50 | 6.18 | |
| 8/10/02 15:30 | 83.60 | 32.79 | | | 5.225 | 50.80 | 6.68 | |
| 8/10/02 16:00 | 84.10 | 32.97 | | | 5.048 | 59.85 | 6.18 | |

| DateTime (mm/dd/year hr:min) | Temperature (F) | Salinity (ppt) | Dissolved Oxygen (%) | Dissolved Oxygen (mg/l) | Depth (ft) | Turbidity (NTU) | Chlorophyll l (ug/l) | NOTES |
|------------------------------------|--------------------|-------------------|----------------------------|-------------------------------|---------------|--------------------|-------------------------|-------|
| 8/10/02 16:30 | 83.80 | 32.81 | | | 4.806 | 107.41 | 7.38 | |
| 8/10/02 17:00 | 83.90 | 32.27 | | | 4.474 | 103.37 | 9.98 | |
| 8/10/02 17:30 | 84.40 | 32.44 | | | 4.094 | 64.01 | 8.88 | |
| 8/10/02 18:00 | 84.70 | 31.91 | | | 3.638 | 73.06 | 10.38 | |
| 8/10/02 18:30 | 84.10 | 31.29 | | | 3.237 | 117.55 | 12.48 | |
| 8/10/02 19:00 | 84.00 | 31.11 | | | 2.719 | 105.32 | 14.28 | |
| 8/10/02 19:30 | 84.00 | 30.51 | | | 2.235 | 107.13 | 14.58 | |
| 8/10/02 20:00 | 83.90 | 30.28 | | | 1.785 | 174.20 | 16.18 | |
| 8/10/02 20:30 | 83.30 | 29.96 | | | 1.406 | 136.00 | 14.58 | |
| 8/10/02 21:00 | 82.90 | 29.85 | | | 1.050 | 90.76 | 15.18 | |
| 8/10/02 21:30 | 82.80 | 29.70 | | | 0.810 | 156.14 | 15.88 | |
| 8/10/02 22:00 | 82.30 | 29.77 | | | 0.669 | 340.04 | 17.08 | |
| 8/10/02 22:30 | 81.80 | 29.70 | | | 0.736 | 202.16 | 19.98 | |
| 8/10/02 23:00 | 81.70 | 29.80 | | | 1.030 | 73.42 | 20.48 | |
| 8/10/02 23:30 | 81.70 | 29.70 | | | 1.305 | 102.82 | 23.08 | |
| 8/11/02 0:00 | 81.90 | 29.75 | | | 1.704 | 103.15 | 0.88 | |
| 8/11/02 0:30 | 82.10 | 30.04 | | | 2.135 | 100.60 | 19.88 | |
| 8/11/02 1:00 | 82.20 | 29.99 | | | 2.480 | 98.48 | 20.48 | |
| 8/11/02 1:30 | 82.10 | 30.15 | | | 2.903 | 171.14 | 19.98 | |
| 8/11/02 2:00 | 82.00 | 30.53 | | | 3.309 | 29.45 | 18.38 | |
| 8/11/02 2:30 | 82.00 | 30.75 | | | 3.692 | 24.98 | 20.48 | |
| 8/11/02 3:00 | 82.10 | 30.84 | | | 3.979 | 44.90 | 18.48 | |
| 8/11/02 3:30 | 82.10 | 31.08 | | | 4.123 | 182.59 | 15.58 | |
| 8/11/02 4:00 | 82.10 | 31.21 | | | 4.300 | 40.11 | 9.68 | |
| 8/11/02 4:30 | 82.10 | 31.37 | | | 4.236 | 425.51 | 52.58 | |
| 8/11/02 5:00 | 81.90 | 31.35 | | | 4.165 | 333.45 | 65.08 | |
| 8/11/02 5:30 | 81.80 | 31.24 | | | 3.990 | 143.52 | 3.08 | |
| 8/11/02 6:00 | 81.40 | 30.95 | | | 3.796 | 379.44 | 40.48 | |
| 8/11/02 6:30 | 81.10 | 30.89 | | | 3.580 | 158.04 | 80.98 | |
| 8/11/02 7:00 | 80.70 | 30.32 | | | 3.358 | 70.41 | 0.18 | |
| 8/11/02 7:30 | 80.10 | 30.42 | | | 3.008 | 110.93 | 12.38 | |
| 8/11/02 8:00 | 79.60 | 29.95 | | | 2.703 | 98.89 | 16.38 | |
| 8/11/02 8:30 | 79.60 | 29.93 | | | 2.442 | 58.58 | 12.18 | |
| 8/11/02 9:00 | 79.10 | 29.78 | | | 2.285 | 68.61 | 12.88 | |
| 8/11/02 9:30 | 78.80 | 29.62 | | | 2.190 | 74.91 | 14.38 | |
| 8/11/02 10:00 | 79.30 | 29.76 | | | 2.230 | 90.49 | 18.18 | |
| 8/11/02 10:30 | 79.50 | 29.76 | | | 2.311 | 88.36 | 18.18 | |
| 8/11/02 11:00 | 79.80 | 30.04 | | | 2.541 | 38.01 | 19.88 | |
| 8/11/02 11:30 | 80.60 | 30.01 | | | 2.857 | 107.79 | 18.18 | |
| 8/11/02 12:00 | 81.20 | 30.53 | | | 3.125 | 111.53 | 16.48 | |
| 8/11/02 12:30 | 81.80 | 30.70 | | | 3.578 | 94.47 | 15.58 | |
| 8/11/02 13:00 | 82.30 | 31.00 | | | 3.967 | 67.80 | 13.08 | |
| 8/11/02 13:30 | 82.50 | 31.49 | | | 4.356 | 100.88 | 14.67 | |
| 8/11/02 14:00 | 82.60 | 31.78 | | | 4.697 | 87.55 | 11.07 | |
| 8/11/02 14:30 | 82.80 | 31.94 | | | 4.968 | 102.50 | 11.07 | |
| 8/11/02 15:00 | 82.80 | 32.11 | | | 5.077 | 126.63 | 8.77 | |
| 8/11/02 15:30 | 83.00 | 32.25 | | | 5.175 | 95.68 | 11.17 | |
| 8/11/02 16:00 | 83.40 | 32.35 | | | 5.095 | 171.70 | 9.27 | |
| 8/11/02 16:30 | 83.60 | 32.39 | | | 5.054 | 106.15 | 7.27 | |
| 8/11/02 17:00 | 83.50 | 32.24 | | | 4.821 | 130.72 | 8.37 | |
| 8/11/02 17:30 | 83.50 | 31.97 | | | 4.515 | 96.24 | 9.77 | |
| 8/11/02 18:00 | 83.70 | 31.79 | | | 4.194 | 114.93 | 12.47 | |

| DateTime (mm/dd/year hr:min) | Temperature (F) | Salinity (ppt) | Dissolved Oxygen (%) | Dissolved Oxygen (mg/l) | Depth (ft) | Turbidity (NTU) | Chlorophyl l (ug/l) | NOTES |
|------------------------------------|--------------------|-------------------|----------------------------|-------------------------------|---------------|--------------------|------------------------|-------|
| 8/11/02 18:30 | 84.00 | 31.38 | | | 3.842 | 151.14 | 15.37 | |
| 8/11/02 19:00 | 84.30 | 30.85 | | | 3.402 | 129.37 | 16.97 | |
| 8/11/02 19:30 | 84.30 | 30.29 | | | 2.970 | 119.66 | 19.37 | |
| 8/11/02 20:00 | 84.20 | 30.09 | | | 2.559 | 123.40 | 19.77 | |
| 8/11/02 20:30 | 84.10 | 30.21 | | | 2.133 | 118.18 | 13.97 | |
| 8/11/02 21:00 | 83.70 | 30.15 | | | 1.739 | 125.45 | 12.77 | |
| 8/11/02 21:30 | 83.30 | 30.06 | | | 1.457 | 230.59 | 13.47 | |
| 8/11/02 22:00 | 83.10 | 30.01 | | | 1.234 | 190.54 | 15.67 | |
| 8/11/02 22:30 | 83.00 | 29.95 | | | 1.182 | 132.21 | 13.87 | |
| 8/11/02 23:00 | 82.90 | 29.84 | | | 1.157 | 83.48 | 13.97 | |
| 8/11/02 23:30 | 82.70 | 29.80 | | | 1.305 | 177.43 | 16.47 | |
| 8/12/02 0:00 | 82.80 | 29.76 | | | 1.727 | 214.75 | 21.47 | |
| 8/12/02 0:30 | 82.90 | 29.79 | | | 2.129 | 172.86 | 21.27 | |
| 8/12/02 1:00 | 83.00 | 30.05 | | | 2.486 | 354.70 | 19.27 | |
| 8/12/02 1:30 | 82.90 | 30.10 | | | 2.865 | 147.23 | 19.47 | |
| 8/12/02 2:00 | 82.90 | 30.21 | | | 3.274 | 21.94 | 0.77 | |
| 8/12/02 2:30 | 82.90 | 30.42 | | | 3.672 | 148.64 | 51.07 | |
| 8/12/02 3:00 | 82.80 | 30.82 | | | 4.015 | 185.96 | 13.37 | |
| 8/12/02 3:30 | 82.80 | 31.01 | | | 4.270 | 254.10 | 13.67 | |
| 8/12/02 4:00 | 82.80 | 31.05 | | | 4.483 | 627.98 | 11.47 | |
| 8/12/02 4:30 | 82.80 | 31.22 | | | 4.498 | 35.31 | 10.07 | |
| 8/12/02 5:00 | 82.80 | 31.32 | | | 4.533 | 43.44 | 0.57 | |
| 8/12/02 5:30 | 82.60 | 31.19 | | | 4.305 | 196.94 | 12.47 | |
| 8/12/02 6:00 | 82.40 | 31.09 | | | 4.169 | 88.27 | 14.87 | |
| 8/12/02 6:30 | 82.20 | 30.86 | | | 3.967 | 29.54 | 9.37 | |
| 8/12/02 7:00 | 82.00 | 30.75 | | | 3.600 | 210.14 | 11.17 | |
| 8/12/02 7:30 | 81.60 | 30.29 | | | 3.341 | 203.20 | 13.17 | |
| 8/12/02 8:00 | 81.40 | 30.01 | | | 2.988 | 150.68 | 11.97 | |
| 8/12/02 8:30 | 81.00 | 29.92 | | | 2.646 | 220.99 | 16.27 | |
| 8/12/02 9:00 | 80.70 | 29.77 | | | 2.347 | 265.74 | 0.00 | |
| 8/12/02 9:30 | 80.70 | 30.02 | | | 2.142 | 188.70 | 16.57 | |
| 8/12/02 10:00 | 80.60 | 29.79 | | | 1.949 | 185.18 | 20.27 | |
| 8/12/02 10:30 | 80.60 | 29.78 | | | 1.884 | 176.20 | 19.77 | |
| 8/12/02 11:00 | 80.50 | 29.69 | | | 1.905 | 185.10 | 19.37 | |
| 8/12/02 11:30 | 80.80 | 29.88 | | | 2.038 | 198.92 | 19.87 | |
| 8/12/02 12:00 | 81.10 | 29.91 | | | 2.295 | 153.86 | 21.57 | |
| 8/12/02 12:30 | 81.60 | 29.97 | | | 2.680 | 184.71 | 23.77 | |
| 8/12/02 13:00 | 82.30 | 30.54 | | | 2.984 | 173.05 | 18.97 | |
| 8/12/02 13:30 | 82.70 | 30.81 | | | 3.353 | 176.70 | 17.07 | |
| 8/12/02 14:00 | 82.70 | 30.78 | | | 3.816 | 439.43 | 17.07 | |
| 8/12/02 14:30 | 82.30 | 30.79 | | | 4.155 | 276.23 | 16.77 | |
| 8/12/02 15:00 | 82.50 | 31.21 | | | 4.391 | 221.94 | 14.17 | |
| 8/12/02 15:30 | 82.60 | 31.61 | | | 4.710 | 32.89 | 11.97 | |
| 8/12/02 16:00 | 82.70 | 31.67 | | | 4.891 | 241.79 | 29.67 | |
| 8/12/02 16:30 | 82.80 | 31.59 | | | 4.976 | 170.03 | 8.67 | |
| 8/12/02 17:00 | 82.80 | 31.63 | | | 4.976 | 124.18 | 7.87 | |
| 8/12/02 17:30 | 82.80 | 31.67 | | | 4.727 | 131.80 | 6.57 | |
| 8/12/02 18:00 | 83.00 | 31.60 | | | 4.494 | 171.03 | 7.87 | |
| 8/12/02 18:30 | 82.90 | 31.28 | | | 4.286 | 178.76 | 10.27 | |
| 8/12/02 19:00 | 82.80 | 31.07 | | | 4.007 | 188.09 | 9.77 | |
| 8/12/02 19:30 | 82.80 | 30.76 | | | 3.650 | 228.83 | 12.07 | |
| 8/12/02 20:00 | 82.80 | 30.45 | | | 3.291 | 168.29 | 11.37 | |

| DateTime (mm/dd/year hr:min) | Temperature (F) | Salinity (ppt) | Dissolved Oxygen (%) | Dissolved Oxygen (mg/l) | Depth (ft) | Turbidity (NTU) | Chlorophyll l (ug/l) | NOTES |
|------------------------------------|--------------------|-------------------|----------------------------|-------------------------------|---------------|--------------------|-------------------------|-------|
| 8/12/02 20:30 | 82.80 | 30.00 | | | 2.936 | 263.71 | 13.87 | |
| 8/12/02 21:00 | 82.60 | 29.97 | | | 2.712 | 167.88 | 15.37 | |
| 8/12/02 21:30 | 82.50 | 29.89 | | | 2.362 | 137.66 | 17.17 | |
| 8/12/02 22:00 | 82.20 | 29.83 | | | 1.991 | 180.24 | 15.57 | |
| 8/12/02 22:30 | 82.00 | 29.77 | | | 1.785 | 172.21 | 8.57 | |
| 8/12/02 23:00 | 82.00 | 29.58 | | | 1.697 | 95.87 | 14.37 | |
| 8/12/02 23:30 | 81.90 | 29.42 | | | 1.713 | 99.84 | 16.87 | |
| 8/13/02 0:00 | 81.90 | 29.56 | | | 1.955 | 99.74 | 19.36 | |
| 8/13/02 0:30 | 81.80 | 29.56 | | | 2.299 | 141.26 | 18.76 | |
| 8/13/02 1:00 | 81.90 | 29.75 | | | 2.670 | 101.79 | 15.66 | |
| 8/13/02 1:30 | 81.90 | 29.86 | | | 3.058 | 109.31 | 16.96 | |
| 8/13/02 2:00 | 81.80 | 29.95 | | | 3.447 | 84.75 | 16.66 | |
| 8/13/02 2:30 | 81.80 | 30.10 | | | 3.846 | 42.69 | 16.86 | |
| 8/13/02 3:00 | 82.10 | 30.35 | | | 4.354 | 118.99 | 15.86 | |
| 8/13/02 3:30 | 82.10 | 30.86 | | | 4.754 | 92.28 | 11.76 | |
| 8/13/02 4:00 | 81.90 | 30.91 | | | 4.944 | 51.72 | 8.76 | |
| 8/13/02 4:30 | 81.90 | 30.92 | | | 4.918 | 46.89 | 9.06 | |
| 8/13/02 5:00 | 81.80 | 31.03 | | | 5.044 | 42.39 | 10.16 | |
| 8/13/02 5:30 | 81.80 | 30.94 | | | 5.028 | 29.29 | 6.86 | |
| 8/13/02 6:00 | 81.80 | 31.01 | | | 4.798 | 65.58 | 7.66 | |
| 8/13/02 6:30 | 81.60 | 30.98 | | | 4.727 | 49.37 | 7.76 | |
| 8/13/02 7:00 | 81.40 | 31.03 | | | 4.442 | 343.86 | 8.36 | |
| 8/13/02 7:30 | 81.00 | 30.71 | | | 4.208 | 49.81 | 9.56 | |
| 8/13/02 8:00 | 80.70 | 30.12 | | | 3.794 | 54.00 | 9.96 | |
| 8/13/02 8:30 | 80.70 | 29.90 | | | 3.450 | 55.29 | 11.56 | |
| 8/13/02 9:00 | 80.60 | 29.61 | | | 3.108 | 68.39 | 12.86 | |
| 8/13/02 9:30 | 80.30 | 29.23 | | | 2.897 | 59.27 | 14.36 | |
| 8/13/02 10:00 | 80.10 | 29.08 | | | 2.432 | 96.76 | 13.66 | |
| 8/13/02 10:30 | 79.90 | 28.80 | | | 2.221 | 55.84 | 15.46 | |
| 8/13/02 11:00 | 79.60 | 28.55 | | | 1.904 | 57.13 | 15.76 | |
| 8/13/02 11:30 | 79.40 | 28.51 | | | 1.701 | 44.03 | 14.96 | |
| 8/13/02 12:00 | 79.20 | 28.40 | | | 1.892 | 51.88 | 16.76 | |
| 8/13/02 12:30 | 79.40 | 28.29 | | | 2.304 | 44.25 | 17.36 | |
| 8/13/02 13:00 | 79.70 | 28.36 | | | 2.417 | 71.22 | 16.06 | |
| 8/13/02 13:30 | 80.20 | 28.53 | | | 2.659 | 93.15 | 19.86 | |
| 8/13/02 14:00 | 80.90 | 28.89 | | | 3.000 | 44.47 | 16.56 | |
| 8/13/02 14:30 | 81.40 | 29.61 | | | 3.329 | 59.09 | 18.86 | |
| 8/13/02 15:00 | 81.80 | 29.43 | | | 3.653 | 43.08 | 20.76 | |
| 8/13/02 15:30 | 82.00 | 29.67 | | | 4.071 | 37.82 | 16.56 | |
| 8/13/02 16:00 | 82.10 | 29.89 | | | 4.314 | 31.69 | 16.66 | |
| 8/13/02 16:30 | 82.00 | 30.07 | | | 4.499 | 45.13 | 16.46 | |
| 8/13/02 17:00 | 82.10 | 30.05 | | | 4.734 | 23.42 | 15.06 | |
| 8/13/02 17:30 | 82.30 | 30.07 | | | 4.941 | 19.65 | 12.86 | |
| 8/13/02 18:00 | 82.40 | 30.10 | | | 4.936 | 12.13 | 10.86 | |
| 8/13/02 18:30 | 82.50 | 30.13 | | | 4.488 | 11.27 | 10.56 | |
| 8/13/02 19:00 | 82.50 | 29.95 | | | 4.443 | 10.30 | 9.96 | |
| 8/13/02 19:30 | 82.60 | 29.98 | | | 4.227 | 21.38 | 11.16 | |
| 8/13/02 20:00 | 82.80 | 29.89 | | | 3.901 | 15.68 | 10.16 | |
| 8/13/02 20:30 | 82.90 | 29.68 | | | 3.621 | 13.85 | 10.86 | |
| 8/13/02 21:00 | 82.80 | 29.84 | | | 3.408 | 12.56 | 10.86 | |
| 8/13/02 21:30 | 82.60 | 29.56 | | | 3.046 | 15.68 | 10.76 | |
| 8/13/02 22:00 | 82.70 | 29.15 | | | 2.757 | 21.81 | 12.66 | |

| DateTime (mm/dd/year hr:min) | Temperature (F) | Salinity (ppt) | Dissolved Oxygen (%) | Dissolved Oxygen (mg/l) | Depth (ft) | Turbidity (NTU) | Chlorophyll l (ug/l) | NOTES |
|------------------------------------|--------------------|-------------------|----------------------------|-------------------------------|---------------|--------------------|-------------------------|-------|
| 8/13/02 22:30 | 82.70 | 28.70 | | | 2.586 | 26.76 | 13.86 | |
| 8/13/02 23:00 | 82.40 | 28.90 | | | 2.456 | 22.78 | 12.16 | |
| 8/13/02 23:30 | 82.30 | 28.56 | | | 2.291 | 33.01 | 14.36 | |
| 8/14/02 0:00 | 81.80 | 28.94 | | | 2.340 | 35.49 | 13.06 | |
| 8/14/02 0:30 | 81.50 | 28.51 | | | 2.472 | 35.60 | 16.06 | |
| 8/14/02 1:00 | 81.40 | 28.29 | | | 2.692 | 27.96 | 16.36 | |
| 8/14/02 1:30 | 81.40 | 28.52 | | | 2.996 | 33.77 | 17.86 | |
| 8/14/02 2:00 | 81.50 | 28.14 | | | 3.276 | 27.85 | 17.76 | |
| 8/14/02 2:30 | 81.60 | 28.78 | | | 3.580 | 34.20 | 17.86 | |
| 8/14/02 3:00 | 81.80 | 29.43 | | | 3.917 | 25.38 | 20.86 | |
| 8/14/02 3:30 | 81.80 | 29.97 | | | 4.191 | 26.99 | 15.36 | |
| 8/14/02 4:00 | 81.70 | 30.53 | | | 4.493 | 22.69 | 15.26 | |
| 8/14/02 4:30 | 81.90 | 30.38 | | | 4.759 | 16.98 | 13.56 | |
| 8/14/02 5:00 | 81.90 | 30.41 | | | 4.900 | 12.57 | 7.66 | |
| 8/14/02 5:30 | 81.90 | 30.51 | | | 5.007 | 8.15 | 0.00 | |
| 8/14/02 6:00 | 81.80 | 30.61 | | | 5.056 | 10.41 | 8.26 | |
| 8/14/02 6:30 | 81.80 | 30.80 | | | 4.997 | 7.83 | 5.06 | |
| 8/14/02 7:00 | 81.80 | 30.83 | | | 4.834 | 9.87 | 5.66 | |
| 8/14/02 7:30 | 81.50 | 30.99 | | | 4.612 | 13.21 | 5.56 | |
| 8/14/02 8:00 | 81.10 | 30.19 | | | 4.313 | 13.65 | 7.36 | |
| 8/14/02 8:30 | 81.20 | 30.19 | | | 3.984 | 16.23 | 8.36 | |
| 8/14/02 9:00 | 81.20 | 29.75 | | | 3.653 | 16.99 | 0.00 | |
| 8/14/02 9:30 | 81.20 | 29.44 | | | 3.290 | 17.53 | 10.16 | |
| 8/14/02 10:00 | 81.20 | 29.23 | | | 2.903 | 20.76 | 10.76 | |
| 8/14/02 10:30 | 81.30 | 29.04 | | | 2.510 | 23.03 | 12.56 | |
| 8/14/02 11:00 | 81.70 | 28.74 | | | 2.257 | 20.76 | 11.65 | |
| 8/14/02 11:30 | 81.80 | 28.58 | | | 1.980 | 22.27 | 0.00 | |
| 8/14/02 12:00 | 82.50 | 27.97 | | | 1.754 | 30.79 | 16.05 | |
| 8/14/02 12:30 | 83.30 | 27.86 | | | 1.668 | 26.80 | 13.75 | |
| 8/14/02 13:00 | 83.80 | 27.88 | | | 1.677 | 21.41 | 12.25 | |
| 8/14/02 13:30 | 83.60 | 28.12 | | | 1.903 | 21.09 | 20.85 | |
| 8/14/02 14:00 | 84.60 | 28.33 | | | 2.168 | 15.16 | 16.15 | |
| 8/14/02 14:30 | 84.40 | 28.54 | | | 2.435 | 32.52 | 18.45 | |
| 8/14/02 15:00 | 84.90 | 28.59 | | | 2.753 | 16.46 | 13.35 | |
| 8/14/02 15:30 | 84.50 | 29.14 | | | 3.014 | 26.60 | 15.85 | |
| 8/14/02 16:00 | 84.20 | 29.26 | | | 3.274 | 29.73 | 18.25 | |
| 8/14/02 16:30 | 84.00 | 29.47 | | | 3.540 | 21.96 | 17.25 | |
| 8/14/02 17:00 | 84.10 | 29.56 | | | 3.780 | 15.38 | 13.85 | |
| 8/14/02 17:30 | 84.00 | 29.66 | | | 3.967 | 9.77 | 13.55 | |
| 8/14/02 18:00 | 84.20 | 29.90 | | | 4.106 | 9.34 | 12.25 | |
| 8/14/02 18:30 | 84.70 | 30.09 | | | 4.214 | 5.89 | 7.75 | |
| 8/14/02 19:00 | 84.80 | 30.04 | | | 4.252 | 2.00 | 4.85 | |
| 8/14/02 19:30 | 84.70 | 29.92 | | | 4.189 | 5.78 | 4.85 | |
| 8/14/02 20:00 | 84.70 | 29.98 | | | 4.219 | 5.45 | 5.25 | |
| 8/14/02 20:30 | 84.60 | 29.84 | | | 4.188 | 4.05 | 4.45 | |
| 8/14/02 21:00 | 84.40 | 29.95 | | | 3.938 | 1.68 | 6.15 | |
| 8/14/02 21:30 | 84.40 | 29.53 | | | 3.798 | 6.75 | 8.05 | |
| 8/14/02 22:00 | 84.30 | 29.34 | | | 3.670 | 5.88 | 6.15 | |
| 8/14/02 22:30 | 84.40 | 29.35 | | | 3.466 | 18.52 | 7.55 | |
| 8/14/02 23:00 | 84.00 | 29.58 | | | 3.343 | 10.31 | 8.45 | |
| 8/14/02 23:30 | 84.20 | 29.66 | | | 3.319 | 9.45 | 7.35 | |
| 8/15/02 0:00 | 84.30 | 29.13 | | | 2.888 | 15.39 | 10.05 | |

| DateTime (mm/dd/year hr:min) | Temperature (F) | Salinity (ppt) | Dissolved Oxygen (%) | Dissolved Oxygen (mg/l) | Depth (ft) | Turbidity (NTU) | Chlorophyll l (ug/l) | NOTES |
|------------------------------------|--------------------|-------------------|----------------------------|-------------------------------|---------------|--------------------|-------------------------|-------|
| 8/15/02 0:30 | 84.40 | 28.95 | | | 2.583 | 13.55 | 8.55 | |
| 8/15/02 1:00 | 84.30 | 28.73 | | | 2.630 | 14.42 | 7.85 | |
| 8/15/02 1:30 | 84.20 | 28.80 | | | 2.586 | 19.71 | 11.15 | |
| 8/15/02 2:00 | 84.10 | 28.74 | | | 2.849 | 15.82 | 16.65 | |
| 8/15/02 2:30 | 84.10 | 28.69 | | | 3.273 | 20.14 | 12.05 | |
| 8/15/02 3:00 | 83.70 | 29.26 | | | 3.637 | 12.47 | 9.95 | |
| 8/15/02 3:30 | 83.80 | 29.24 | | | 3.944 | 14.74 | 10.15 | |
| 8/15/02 4:00 | 83.60 | 29.43 | | | 4.226 | 14.64 | 9.35 | |
| 8/15/02 4:30 | 83.50 | 29.70 | | | 4.462 | 1.24 | 7.25 | |
| 8/15/02 5:00 | 83.30 | 29.82 | | | 4.746 | 7.18 | 7.95 | |
| 8/15/02 5:30 | 83.10 | 30.31 | | | 4.905 | 1.67 | 6.55 | |
| 8/15/02 6:00 | 83.00 | 30.58 | | | 5.082 | 6.86 | 0.00 | |
| 8/15/02 6:30 | 82.90 | 31.26 | | | 5.174 | 4.26 | 6.65 | |
| 8/15/02 7:00 | 82.90 | 31.32 | | | 4.942 | 7.83 | 4.55 | |
| 8/15/02 7:30 | 82.90 | 31.13 | | | 5.009 | 5.02 | 5.75 | |
| 8/15/02 8:00 | 82.70 | 30.62 | | | 4.780 | 2.10 | 4.45 | |
| 8/15/02 8:30 | 82.70 | 30.39 | | | 4.471 | 2.64 | 5.15 | |
| 8/15/02 9:00 | 82.80 | 30.03 | | | 4.243 | 3.94 | 5.85 | |
| 8/15/02 9:30 | 82.80 | 29.59 | | | 3.949 | 5.56 | 9.05 | |
| 8/15/02 10:00 | 82.90 | 29.69 | | | 3.617 | 11.83 | 6.95 | |
| 8/15/02 10:30 | 83.20 | 29.25 | | | 3.286 | 10.21 | 9.95 | |
| 8/15/02 11:00 | 83.50 | 29.16 | | | 3.010 | 13.35 | 0.00 | |
| 8/15/02 11:30 | 83.70 | 28.66 | | | 2.652 | 10.32 | 9.95 | |
| 8/15/02 12:00 | 84.10 | 28.52 | | | 2.370 | 15.94 | 12.45 | |
| 8/15/02 12:30 | 84.80 | 28.62 | | | 2.151 | 16.27 | 12.15 | |
| 8/15/02 13:00 | 85.60 | 28.52 | | | 1.969 | 20.81 | 12.45 | |
| 8/15/02 13:30 | 85.90 | 28.47 | | | 1.935 | 16.59 | 13.45 | |
| 8/15/02 14:00 | 85.90 | 28.40 | | | 1.998 | 24.60 | 13.65 | |
| 8/15/02 14:30 | 85.40 | 28.41 | | | 2.150 | 23.52 | 15.45 | |
| 8/15/02 15:00 | 85.50 | 28.44 | | | 2.409 | 28.61 | 17.45 | |
| 8/15/02 15:30 | 85.70 | 28.56 | | | 2.631 | 38.13 | 18.25 | |
| 8/15/02 16:00 | 85.60 | 28.64 | | | 2.789 | 17.35 | 15.85 | |
| 8/15/02 16:30 | 85.40 | 28.81 | | | 3.049 | 32.18 | 18.85 | |
| 8/15/02 17:00 | 85.00 | 28.77 | | | 3.271 | 56.54 | 19.65 | |
| 8/15/02 17:30 | 84.10 | 28.84 | | | 3.437 | 27.97 | 16.85 | |
| 8/15/02 18:00 | 83.80 | 28.94 | | | 3.626 | 18.33 | 13.25 | |
| 8/15/02 18:30 | 83.60 | 29.09 | | | 3.921 | 11.94 | 13.15 | |
| 8/15/02 19:00 | 83.60 | 29.14 | | | 3.791 | 19.52 | 11.65 | |
| 8/15/02 19:30 | 83.70 | 29.35 | | | 3.923 | 11.51 | 9.75 | |
| 8/15/02 20:00 | 83.60 | 29.39 | | | 4.066 | 10.32 | 8.95 | |
| 8/15/02 20:30 | 83.40 | 29.43 | | | 4.106 | 9.89 | 7.75 | |
| 8/15/02 21:00 | 83.30 | 29.63 | | | 4.140 | 9.35 | 7.95 | |
| 8/15/02 21:30 | 83.10 | 29.33 | | | 3.994 | 6.42 | 6.95 | |
| 8/15/02 22:00 | 83.20 | 29.31 | | | 3.883 | 14.76 | 6.84 | |
| 8/15/02 22:30 | 83.30 | 29.62 | | | 3.830 | 16.06 | 8.14 | |
| 8/15/02 23:00 | 83.00 | 28.97 | | | 3.612 | 16.06 | 8.44 | |
| 8/15/02 23:30 | 82.90 | 28.47 | | | 3.414 | 20.18 | 9.94 | |
| 8/16/02 0:00 | 82.90 | 28.29 | | | 3.249 | 17.80 | 10.14 | |
| 8/16/02 0:30 | 82.80 | 27.99 | | | 3.100 | 79.79 | 30.54 | |
| 8/16/02 1:00 | 82.70 | 27.90 | | | 2.962 | 18.99 | 8.54 | |
| 8/16/02 1:30 | 83.20 | 29.47 | | | 2.998 | 22.14 | 6.94 | |
| 8/16/02 2:00 | 83.00 | 29.24 | | | 3.068 | 34.28 | 8.64 | |

| DateTime (mm/dd/year hr:min) | Temperature (F) | Salinity (ppt) | Dissolved Oxygen (%) | Dissolved Oxygen (mg/l) | Depth (ft) | Turbidity (NTU) | Chlorophyl l (ug/l) | NOTES |
|------------------------------------|--------------------|-------------------|----------------------------|-------------------------------|---------------|--------------------|------------------------|-------|
| 8/16/02 2:30 | 82.70 | 28.94 | | | 3.288 | 29.62 | 8.94 | |
| 8/16/02 3:00 | 82.50 | 28.78 | | | 3.504 | 63.99 | 12.64 | |
| 8/16/02 3:30 | 82.30 | 28.95 | | | 3.827 | 17.59 | 29.74 | |
| 8/16/02 4:00 | 82.30 | 29.05 | | | 4.023 | 27.24 | 109.04 | |
| 8/16/02 4:30 | 82.30 | 29.28 | | | 4.057 | 10.32 | 0.00 | |
| 8/16/02 5:00 | 82.30 | 29.66 | | | 4.261 | 18.78 | 9.94 | |
| 8/16/02 5:30 | 82.20 | 29.83 | | | 4.558 | 27.03 | 13.54 | |
| 8/16/02 6:00 | 82.20 | 30.08 | | | 4.673 | 9.46 | 5.64 | |
| 8/16/02 6:30 | 82.20 | 30.24 | | | 4.823 | 17.05 | 5.94 | |
| 8/16/02 7:00 | 82.30 | 30.15 | | | 4.927 | 29.85 | 5.14 | |
| 8/16/02 7:30 | 82.20 | 30.29 | | | 4.922 | 15.86 | 7.44 | |
| 8/16/02 8:00 | 82.10 | 30.27 | | | 4.980 | 17.81 | 76.44 | |
| 8/16/02 8:30 | 82.20 | 30.29 | | | 4.809 | 30.29 | 0.00 | |
| 8/16/02 9:00 | 82.10 | 30.21 | | | 4.653 | 27.03 | 3.04 | |
| 8/16/02 9:30 | 82.10 | 29.82 | | | 4.435 | 41.90 | 10.64 | |
| 8/16/02 10:00 | 82.10 | 29.83 | | | 4.169 | 25.84 | 5.14 | |
| 8/16/02 10:30 | 82.10 | 29.01 | | | 3.880 | 34.09 | 6.14 | |
| 8/16/02 11:00 | 82.30 | 28.61 | | | 3.666 | 38.87 | 8.24 | |
| 8/16/02 11:30 | 82.70 | 28.61 | | | 3.358 | 23.35 | 9.84 | |
| 8/16/02 12:00 | 83.10 | 28.34 | | | 3.077 | 10.33 | 74.14 | |
| 8/16/02 12:30 | 83.70 | 28.23 | | | 2.753 | 14.56 | 0.00 | |
| 8/16/02 13:00 | 84.20 | 28.01 | | | 2.551 | 12.39 | 1.34 | |
| 8/16/02 13:30 | 84.70 | 27.99 | | | 2.298 | 11.52 | 28.74 | |
| 8/16/02 14:00 | 85.80 | 28.04 | | | 2.108 | 15.76 | 11.74 | |
| 8/16/02 14:30 | 86.30 | 28.03 | | | 1.989 | 6.74 | 8.44 | |
| 8/16/02 15:00 | 87.00 | 28.10 | | | 1.956 | 12.17 | 11.84 | |
| 8/16/02 15:30 | 87.00 | 28.12 | | | 2.024 | 11.96 | 14.04 | |
| 8/16/02 16:00 | 87.80 | 27.98 | | | 2.081 | 9.57 | 16.64 | |
| 8/16/02 16:30 | 87.60 | 28.07 | | | 2.263 | 15.22 | 69.74 | |
| 8/16/02 17:00 | 87.90 | 27.92 | | | 2.388 | 13.15 | 80.04 | |
| 8/16/02 17:30 | 88.30 | 28.25 | | | 2.537 | 12.39 | 0.00 | |
| 8/16/02 18:00 | 87.20 | 28.16 | | | 2.797 | 16.20 | 11.24 | |
| 8/16/02 18:30 | 87.10 | 28.21 | | | 2.974 | 12.50 | 51.04 | |
| 8/16/02 19:00 | 86.10 | 28.41 | | | 3.218 | 37.82 | 16.14 | |
| 8/16/02 19:30 | 85.70 | 28.56 | | | 3.360 | 24.13 | 17.34 | |
| 8/16/02 20:00 | 85.10 | 28.63 | | | 3.574 | 23.70 | 18.44 | |
| 8/16/02 20:30 | 85.20 | 28.69 | | | 3.681 | 26.09 | 16.14 | |
| 8/16/02 21:00 | 85.30 | 28.84 | | | 3.898 | 24.89 | 49.24 | |
| 8/16/02 21:30 | 85.20 | 28.83 | | | 3.847 | 17.40 | 107.14 | |
| 8/16/02 22:00 | 85.20 | 29.17 | | | 3.905 | 98.05 | 0.00 | |
| 8/16/02 22:30 | 85.10 | 29.34 | | | 3.889 | 10.66 | 3.84 | |
| 8/16/02 23:00 | 84.80 | 29.47 | | | 3.972 | 16.96 | 18.84 | |
| 8/16/02 23:30 | 84.80 | 29.14 | | | 3.904 | 5.22 | 8.14 | |
| 8/17/02 0:00 | 84.80 | 29.09 | | | 3.748 | 15.77 | 7.84 | |
| 8/17/02 0:30 | 84.50 | 28.70 | | | 3.653 | 7.50 | 6.04 | |
| 8/17/02 1:00 | 84.80 | 28.69 | | | 3.556 | 284.16 | 12.44 | |
| 8/17/02 1:30 | 84.50 | 29.70 | | | 3.536 | 12.83 | 64.74 | |
| 8/17/02 2:00 | 84.60 | 29.40 | | | 3.306 | 9.90 | 2.04 | |
| 8/17/02 2:30 | 84.60 | 29.81 | | | 3.279 | 15.23 | 0.00 | |
| 8/17/02 3:00 | 84.60 | 29.59 | | | 3.257 | 11.31 | 26.14 | |
| 8/17/02 3:30 | 84.40 | 29.55 | | | 3.277 | 10.99 | 9.14 | |
| 8/17/02 4:00 | 84.10 | 29.81 | | | 3.430 | 18.60 | 9.74 | |

| DateTime (mm/dd/year hr:min) | Temperature (F) | Salinity (ppt) | Dissolved Oxygen (%) | Dissolved Oxygen (mg/l) | Depth (ft) | Turbidity (NTU) | Chlorophyll l (ug/l) | NOTES |
|------------------------------------|--------------------|-------------------|----------------------------|-------------------------------|---------------|--------------------|-------------------------|-------|
| 8/17/02 4:30 | 84.00 | 29.88 | | | 3.723 | 15.99 | 11.94 | |
| 8/17/02 5:00 | 83.80 | 30.09 | | | 3.813 | 23.28 | 9.14 | |
| 8/17/02 5:30 | 83.80 | 30.02 | | | 3.964 | 7.94 | 33.24 | |
| 8/17/02 6:00 | 83.70 | 30.62 | | | 4.222 | 5.22 | 77.74 | |
| 8/17/02 6:30 | 83.60 | 30.78 | | | 4.323 | 4.24 | 0.00 | |
| 8/17/02 7:00 | 83.60 | 30.91 | | | 4.534 | 5.11 | 8.74 | |
| 8/17/02 7:30 | 83.70 | 31.12 | | | 4.678 | 26.99 | 9.14 | |
| 8/17/02 8:00 | 83.60 | 31.03 | | | 4.688 | 6.52 | 5.14 | |
| 8/17/02 8:30 | 83.60 | 31.22 | | | 4.761 | 3.26 | 5.33 | |
| 8/17/02 9:00 | 83.60 | 31.35 | | | 4.927 | 8.59 | 6.83 | |
| 8/17/02 9:30 | 83.60 | 31.39 | | | 4.954 | 8.59 | 8.23 | |
| 8/17/02 10:00 | 83.60 | 31.63 | | | 4.880 | 8.81 | 53.93 | |
| 8/17/02 10:30 | 84.00 | 30.66 | | | 4.741 | 17.96 | 0.00 | |
| 8/17/02 11:00 | 84.20 | 31.09 | | | 4.542 | 12.19 | 0.33 | |
| 8/17/02 11:30 | 84.30 | 30.77 | | | 4.220 | 16.44 | 17.33 | |
| 8/17/02 12:00 | 85.00 | 30.47 | | | 4.078 | 9.47 | 9.73 | |
| 8/17/02 12:30 | 85.30 | 30.54 | | | 3.766 | 12.19 | 11.23 | |
| 8/17/02 13:00 | 86.20 | 30.19 | | | 3.486 | 8.70 | 10.13 | |
| 8/17/02 13:30 | 86.90 | 29.98 | | | 3.160 | 14.04 | 13.63 | |
| 8/17/02 14:00 | 87.30 | 29.43 | | | 2.770 | 17.09 | 20.63 | |
| 8/17/02 14:30 | 87.80 | 29.61 | | | 2.364 | 22.98 | 84.43 | |
| 8/17/02 15:00 | 88.60 | 29.12 | | | 2.183 | 23.85 | 0.00 | |
| 8/17/02 15:30 | 88.80 | 29.36 | | | 2.021 | 25.81 | 0.33 | |
| 8/17/02 16:00 | 89.70 | 29.40 | | | 1.925 | 21.24 | 33.13 | |
| 8/17/02 16:30 | 89.90 | 29.43 | | | 1.839 | 30.83 | 14.53 | |
| 8/17/02 17:00 | 90.20 | 29.27 | | | 1.849 | 74.76 | 15.53 | |
| 8/17/02 17:30 | 90.40 | 29.27 | | | 1.930 | 15.90 | 17.03 | |
| 8/17/02 18:00 | 89.50 | 29.57 | | | 1.992 | 22.77 | 21.33 | |
| 8/17/02 18:30 | 89.10 | 29.51 | | | 2.290 | 31.49 | 22.63 | |
| 8/17/02 19:00 | 89.50 | 28.80 | | | 2.577 | 27.89 | 28.53 | |
| 8/17/02 19:30 | 89.30 | 29.51 | | | 2.789 | 16.88 | 59.23 | |
| 8/17/02 20:00 | 88.40 | 29.51 | | | 3.003 | 25.17 | 0.00 | |
| 8/17/02 20:30 | 88.30 | 29.67 | | | 3.216 | 21.35 | 0.00 | |
| 8/17/02 21:00 | 88.30 | 29.71 | | | 3.499 | 22.01 | 39.43 | |
| 8/17/02 21:30 | 88.00 | 30.65 | | | 3.663 | 16.78 | 12.13 | |
| 8/17/02 22:00 | 87.40 | 30.83 | | | 3.831 | 12.85 | 12.13 | |
| 8/17/02 22:30 | 86.50 | 31.44 | | | 4.010 | 7.83 | 9.93 | |
| 8/17/02 23:00 | 86.30 | 32.02 | | | 4.167 | 6.30 | 9.33 | |
| 8/17/02 23:30 | 86.30 | 32.04 | | | 4.275 | 7.18 | 10.53 | |
| 8/18/02 0:00 | 86.30 | 31.89 | | | 4.318 | 4.34 | 45.63 | |
| 8/18/02 0:30 | 86.20 | 31.99 | | | 4.215 | 4.23 | 0.00 | |
| 8/18/02 1:00 | 86.10 | 32.14 | | | 3.978 | 4.67 | 0.00 | |
| 8/18/02 1:30 | 86.00 | 32.03 | | | 3.780 | 9.69 | 19.93 | |
| 8/18/02 2:00 | 86.10 | 32.09 | | | 3.550 | 5.76 | 6.83 | |
| 8/18/02 2:30 | 86.10 | 32.12 | | | 3.597 | 10.67 | 9.03 | |
| 8/18/02 3:00 | 86.00 | 31.85 | | | 3.512 | 6.30 | 8.43 | |
| 8/18/02 3:30 | 86.00 | 31.98 | | | 3.384 | 9.91 | 8.33 | |
| 8/18/02 4:00 | 86.00 | 31.98 | | | 3.432 | 8.71 | 13.93 | |
| 8/18/02 4:30 | 86.20 | 32.06 | | | 3.436 | 6.41 | 59.63 | |
| 8/18/02 5:00 | 86.10 | 31.94 | | | 3.484 | 10.56 | 0.00 | |
| 8/18/02 5:30 | 85.90 | 32.02 | | | 3.685 | 10.02 | 3.23 | |
| 8/18/02 6:00 | 85.60 | 31.96 | | | 3.724 | 7.18 | 12.03 | |

| DateTime (mm/dd/year hr:min) | Temperature (F) | Salinity (ppt) | Dissolved Oxygen (%) | Dissolved Oxygen (mg/l) | Depth (ft) | Turbidity (NTU) | Chlorophyll l (ug/l) | NOTES |
|------------------------------------|--------------------|-------------------|----------------------------|-------------------------------|---------------|--------------------|-------------------------|-------|
| 8/18/02 6:30 | 85.70 | 31.98 | | | 3.906 | 12.42 | 13.73 | |
| 8/18/02 7:00 | 85.50 | 32.13 | | | 4.063 | 47.15 | 11.63 | |
| 8/18/02 7:30 | 85.30 | 32.60 | | | 4.343 | 7.61 | 8.53 | |
| 8/18/02 8:00 | 85.30 | 32.26 | | | 4.481 | 23.56 | 10.53 | |
| 8/18/02 8:30 | 85.20 | 32.47 | | | 4.630 | 8.16 | 27.63 | |
| 8/18/02 9:00 | 85.30 | 33.12 | | | 4.718 | 12.31 | 28.83 | |
| 8/18/02 9:30 | 85.00 | 33.28 | | | 4.790 | 8.16 | 0.00 | |
| 8/18/02 10:00 | 85.00 | 33.49 | | | 4.854 | 6.85 | 7.23 | |
| 8/18/02 10:30 | 85.10 | 33.45 | | | 4.949 | 1.60 | 6.03 | |
| 8/18/02 11:00 | 85.10 | 33.69 | | | 4.774 | 6.52 | 5.23 | |
| 8/18/02 11:30 | 85.50 | 33.71 | | | 4.602 | 6.08 | 6.53 | |
| 8/18/02 12:00 | 85.90 | 33.12 | | | 4.351 | 6.63 | 7.73 | |
| 8/18/02 12:30 | 85.90 | 32.86 | | | 4.182 | 5.87 | 10.83 | |
| 8/18/02 13:00 | 86.30 | 32.55 | | | 3.839 | 14.28 | 38.63 | |
| 8/18/02 13:30 | 86.60 | 31.92 | | | 3.494 | 13.52 | 0.00 | |
| 8/18/02 14:00 | 86.70 | 31.84 | | | 3.176 | 12.86 | 0.00 | |
| 8/18/02 14:30 | 87.00 | 31.45 | | | 2.765 | 18.33 | 16.93 | |
| 8/18/02 15:00 | 87.60 | 31.68 | | | 2.383 | 19.53 | 13.93 | |
| 8/18/02 15:30 | 88.00 | 31.39 | | | 2.098 | 13.19 | 14.03 | |
| 8/18/02 16:00 | 88.60 | 31.37 | | | 1.784 | 33.53 | 18.53 | |
| 8/18/02 16:30 | 88.80 | 31.21 | | | 1.630 | 36.38 | 19.63 | |
| 8/18/02 17:00 | 89.10 | 31.29 | | | 1.451 | 30.47 | 20.83 | |
| 8/18/02 17:30 | 89.50 | 31.16 | | | 1.313 | 32.33 | 27.63 | |
| 8/18/02 18:00 | 89.40 | 30.85 | | | 1.374 | 33.87 | 70.23 | |
| 8/18/02 18:30 | 89.60 | 30.73 | | | 1.446 | 18.88 | 0.00 | |
| 8/18/02 19:00 | 89.30 | 30.87 | | | 1.609 | 31.13 | 0.53 | |
| 8/18/02 19:30 | 89.00 | 31.55 | | | 1.815 | 28.40 | 27.52 | |
| 8/18/02 20:00 | 88.90 | 31.67 | | | 2.099 | 25.23 | 24.92 | |
| 8/18/02 20:30 | 88.40 | 31.97 | | | 2.497 | 22.61 | 22.52 | |
| 8/18/02 21:00 | 88.10 | 32.26 | | | 2.844 | 21.95 | 20.02 | |
| 8/18/02 21:30 | 87.80 | 32.02 | | | 3.122 | 14.40 | 16.32 | |
| 8/18/02 22:00 | 87.40 | 32.29 | | | 3.494 | 14.18 | 16.92 | |
| 8/18/02 22:30 | 86.90 | 32.83 | | | 3.729 | 15.49 | 25.02 | |
| 8/18/02 23:00 | 86.80 | 32.89 | | | 3.963 | 10.79 | 66.22 | |
| 8/18/02 23:30 | 86.80 | 32.79 | | | 4.085 | 4.88 | 0.00 | |
| 8/19/02 0:00 | 86.70 | 32.90 | | | 4.304 | 9.04 | 11.02 | |
| 8/19/02 0:30 | 86.60 | 32.98 | | | 4.277 | 4.99 | 12.42 | |
| 8/19/02 1:00 | 86.50 | 32.94 | | | 4.241 | 7.72 | 8.32 | |
| 8/19/02 1:30 | 86.40 | 32.96 | | | 4.114 | 9.59 | 7.62 | |
| 8/19/02 2:00 | 86.40 | 33.04 | | | 4.200 | 6.85 | 8.12 | |
| 8/19/02 2:30 | 86.30 | 32.96 | | | 3.997 | 9.26 | 8.92 | |
| 8/19/02 3:00 | 86.30 | 32.73 | | | 3.829 | 12.65 | 25.32 | |
| 8/19/02 3:30 | 86.30 | 32.99 | | | 3.621 | 7.40 | 28.92 | |
| 8/19/02 4:00 | 86.30 | 32.40 | | | 3.354 | 5.75 | 0.00 | |
| 8/19/02 4:30 | 86.30 | 32.04 | | | 3.228 | 8.49 | 25.12 | |
| 8/19/02 5:00 | 86.30 | 32.12 | | | 3.030 | 9.04 | 10.52 | |
| 8/19/02 5:30 | 86.30 | 32.06 | | | 3.017 | 13.97 | 12.72 | |
| 8/19/02 6:00 | 86.20 | 32.22 | | | 3.041 | 10.90 | 12.02 | |
| 8/19/02 6:30 | 86.10 | 32.26 | | | 3.083 | 9.59 | 12.02 | |
| 8/19/02 7:00 | 85.80 | 32.25 | | | 3.347 | 12.44 | 13.42 | |
| 8/19/02 7:30 | 85.80 | 32.19 | | | 3.555 | 18.14 | 29.92 | |
| 8/19/02 8:00 | 85.70 | 32.28 | | | 3.822 | 14.30 | 4.52 | |

| DateTime (mm/dd/year hr:min) | Temperature (F) | Salinity (ppt) | Dissolved Oxygen (%) | Dissolved Oxygen (mg/l) | Depth (ft) | Turbidity (NTU) | Chlorophyll l (ug/l) | NOTES |
|------------------------------------|--------------------|-------------------|----------------------------|-------------------------------|---------------|--------------------|-------------------------|-------|
| 8/19/02 8:30 | 85.70 | 32.38 | | | 3.969 | 6.85 | 0.00 | |
| 8/19/02 9:00 | 85.80 | 32.28 | | | 4.228 | 12.88 | 17.42 | |
| 8/19/02 9:30 | 85.90 | 32.25 | | | 4.445 | 12.55 | 11.22 | |
| 8/19/02 10:00 | 86.00 | 32.41 | | | 4.685 | 7.40 | 8.82 | |
| 8/19/02 10:30 | 86.00 | 32.95 | | | 4.928 | 4.98 | 7.62 | |
| 8/19/02 11:00 | 86.10 | 33.03 | | | 5.028 | 2.13 | 7.02 | |
| 8/19/02 11:30 | 86.20 | 32.91 | | | 5.021 | 1.58 | 20.12 | |
| 8/19/02 12:00 | 86.40 | 33.01 | | | 4.962 | 1.36 | 29.82 | |
| 8/19/02 12:30 | 86.60 | 32.99 | | | 4.828 | 1.80 | 0.00 | |
| 8/19/02 13:00 | 86.80 | 32.73 | | | 4.587 | 0.00 | 6.92 | |
| 8/19/02 13:30 | 86.90 | 32.51 | | | 4.283 | 6.41 | 8.62 | |
| 8/19/02 14:00 | 87.30 | 32.15 | | | 3.926 | 9.92 | 8.42 | |
| 8/19/02 14:30 | 87.50 | 31.77 | | | 3.538 | 9.92 | 10.72 | |
| 8/19/02 15:00 | 87.70 | 31.57 | | | 3.105 | 18.26 | 12.52 | |
| 8/19/02 15:30 | 88.00 | 31.14 | | | 2.644 | 13.21 | 12.92 | |
| 8/19/02 16:00 | 88.40 | 31.03 | | | 2.234 | 13.76 | 33.42 | |
| 8/19/02 16:30 | 88.40 | 31.04 | | | 1.835 | 9.04 | 65.62 | |
| 8/19/02 17:00 | 88.30 | 31.08 | | | 1.502 | 31.98 | 0.00 | |
| 8/19/02 17:30 | 88.30 | 30.75 | | | 1.148 | 34.28 | 10.72 | |
| 8/19/02 18:00 | 88.10 | 30.36 | | | 0.919 | 33.08 | 26.82 | |
| 8/19/02 18:30 | 87.90 | 30.27 | | | 0.877 | 51.41 | 21.62 | |
| 8/19/02 19:00 | 87.80 | 30.25 | | | 0.941 | 46.14 | 22.22 | |
| 8/19/02 19:30 | 87.80 | 30.26 | | | 1.170 | 40.77 | 24.52 | |
| 8/19/02 20:00 | 87.70 | 30.50 | | | 1.445 | 33.41 | 24.92 | |
| 8/19/02 20:30 | 87.70 | 30.28 | | | 1.820 | 24.85 | 26.52 | |
| 8/19/02 21:00 | 87.70 | 30.84 | | | 2.154 | 23.43 | 48.02 | |
| 8/19/02 21:30 | 87.70 | 30.64 | | | 2.558 | 25.62 | 21.02 | |
| 8/19/02 22:00 | 87.50 | 30.47 | | | 2.930 | 24.75 | 19.82 | |
| 8/19/02 22:30 | 87.30 | 31.01 | | | 3.342 | 26.39 | 19.02 | |
| 8/19/02 23:00 | 87.10 | 31.64 | | | 3.730 | 30.57 | 19.72 | |
| 8/19/02 23:30 | 87.00 | 31.34 | | | 4.096 | 45.18 | 28.92 | |
| 8/20/02 0:00 | 86.70 | 31.70 | | | 4.221 | 56.83 | 12.72 | |
| 8/20/02 0:30 | 86.50 | 32.04 | | | 4.373 | 33.32 | 0.00 | |
| 8/20/02 1:00 | 86.50 | 31.79 | | | 4.571 | 103.30 | 7.72 | |
| 8/20/02 1:30 | 86.40 | 31.84 | | | 4.282 | 35.63 | 20.72 | |
| 8/20/02 2:00 | 86.20 | 31.69 | | | 3.719 | 36.84 | 16.12 | |
| 8/20/02 2:30 | 86.10 | 31.59 | | | 3.550 | 34.87 | 4.92 | |
| 8/20/02 3:00 | 86.10 | 31.41 | | | 3.705 | 40.58 | 4.62 | |
| 8/20/02 3:30 | 86.00 | 31.32 | | | 3.625 | 37.40 | 4.72 | |
| 8/20/02 4:00 | 85.90 | 31.24 | | | 3.776 | 28.83 | 23.82 | |
| 8/20/02 4:30 | 85.80 | 31.15 | | | 3.690 | 19.27 | 1.32 | |
| 8/20/02 5:00 | 85.70 | 30.94 | | | 3.383 | 36.85 | 8.72 | |
| 8/20/02 5:30 | 85.60 | 30.84 | | | 3.077 | 41.47 | 26.22 | |
| 8/20/02 6:00 | 85.30 | 30.73 | | | 2.906 | 33.12 | 17.01 | |
| 8/20/02 6:30 | 85.30 | 30.77 | | | 2.930 | 33.34 | 16.61 | |
| 8/20/02 7:00 | 85.50 | 31.08 | | | 3.154 | 26.97 | 19.91 | |
| 8/20/02 7:30 | 85.20 | 31.12 | | | 3.342 | 23.67 | 17.11 | |
| 8/20/02 8:00 | 85.10 | 30.99 | | | 3.546 | 32.91 | 18.61 | |
| 8/20/02 8:30 | 85.20 | 31.14 | | | 3.812 | 27.19 | 44.21 | |
| 8/20/02 9:00 | 85.10 | 31.30 | | | 4.100 | 12.34 | 0.00 | |
| 8/20/02 9:30 | 85.40 | 31.61 | | | 4.451 | 19.60 | 22.21 | |
| 8/20/02 10:00 | 85.60 | 31.38 | | | 4.759 | 17.63 | 26.81 | |

| DateTime (mm/dd/year hr:min) | Temperature (F) | Salinity (ppt) | Dissolved Oxygen (%) | Dissolved Oxygen (mg/l) | Depth (ft) | Turbidity (NTU) | Chlorophyll l (ug/l) | NOTES |
|------------------------------------|--------------------|-------------------|----------------------------|-------------------------------|---------------|--------------------|-------------------------|-------|
| 8/20/02 10:30 | 85.80 | 31.47 | | | 4.996 | 14.33 | 13.51 | |
| 8/20/02 11:00 | 86.00 | 31.52 | | | 5.312 | 8.61 | 12.21 | |
| 8/20/02 11:30 | 86.20 | 32.01 | | | 5.351 | 8.72 | 11.11 | |
| 8/20/02 12:00 | 86.30 | 32.05 | | | 5.184 | 4.75 | 9.21 | |
| 8/20/02 12:30 | 86.30 | 31.71 | | | 4.916 | 16.53 | 28.11 | |
| 8/20/02 13:00 | 86.30 | 31.82 | | | 4.845 | 15.87 | 33.91 | |
| 8/20/02 13:30 | 86.30 | 31.50 | | | 4.550 | 24.67 | 0.00 | |
| 8/20/02 14:00 | 86.50 | 31.73 | | | 4.348 | 25.34 | 95.51 | |
| 8/20/02 14:30 | 86.50 | 31.26 | | | 4.032 | 21.81 | 20.31 | |
| 8/20/02 15:00 | 86.50 | 31.22 | | | 3.643 | 27.65 | 14.71 | |
| 8/20/02 15:30 | 86.50 | 30.81 | | | 3.198 | 24.79 | 17.41 | |
| 8/20/02 16:00 | 86.70 | 30.53 | | | 2.832 | 26.77 | 19.21 | |
| 8/20/02 16:30 | 86.60 | 30.31 | | | 2.398 | 20.94 | 14.61 | |
| 8/20/02 17:00 | 86.80 | 30.11 | | | 1.989 | 33.05 | 18.91 | |
| 8/20/02 17:30 | 86.90 | 29.89 | | | 1.699 | 28.98 | 33.31 | |
| 8/20/02 18:00 | 87.10 | 29.66 | | | 1.386 | 30.52 | 4.91 | |
| 8/20/02 18:30 | 87.10 | 29.54 | | | 1.087 | 38.34 | 0.00 | |
| 8/20/02 19:00 | 87.10 | 29.42 | | | 0.938 | 26.67 | 120.11 | |
| 8/20/02 19:30 | 87.20 | 29.53 | | | 0.977 | 22.71 | 22.61 | |
| 8/20/02 20:00 | 87.10 | 29.36 | | | 1.155 | 22.71 | 20.81 | |
| 8/20/02 20:30 | 86.90 | 29.29 | | | 1.415 | 40.99 | 26.01 | |
| 8/20/02 21:00 | 86.70 | 29.66 | | | 1.735 | 14.45 | 22.01 | |
| 8/20/02 21:30 | 86.60 | 29.33 | | | 2.109 | 18.63 | 23.51 | |
| 8/20/02 22:00 | 86.50 | 29.55 | | | 2.428 | 22.93 | 32.01 | |
| 8/20/02 22:30 | 86.30 | 29.48 | | | 2.866 | 22.60 | 48.71 | |
| 8/20/02 23:00 | 86.40 | 30.03 | | | 3.242 | 28.77 | 0.00 | |
| 8/20/02 23:30 | 86.30 | 30.55 | | | 3.599 | 32.08 | 13.41 | |
| 8/21/02 0:00 | 86.30 | 30.56 | | | 3.889 | 27.90 | 30.01 | |
| 8/21/02 0:30 | 86.20 | 31.05 | | | 4.088 | 13.90 | 17.51 | |
| 8/21/02 1:00 | 86.10 | 30.92 | | | 4.301 | 24.70 | 17.31 | |
| 8/21/02 1:30 | 86.10 | 30.86 | | | 4.397 | 8.50 | 12.61 | |
| 8/21/02 2:00 | 86.00 | 31.33 | | | 4.380 | 9.60 | 11.71 | |
| 8/21/02 2:30 | 85.90 | 31.40 | | | 4.274 | 7.95 | 19.01 | |
| 8/21/02 3:00 | 85.80 | 30.85 | | | 4.132 | 13.46 | 4.31 | |
| 8/21/02 3:30 | 85.60 | 31.00 | | | 3.805 | 11.59 | 2.81 | |
| 8/21/02 4:00 | 85.40 | 30.87 | | | 3.691 | 9.38 | 44.01 | |
| 8/21/02 4:30 | 85.30 | 31.22 | | | 3.530 | 27.58 | 11.51 | |
| 8/21/02 5:00 | 85.20 | 30.72 | | | 3.326 | 12.58 | 11.51 | |
| 8/21/02 5:30 | 85.00 | 30.57 | | | 3.129 | 12.25 | 11.81 | |
| 8/21/02 6:00 | 84.80 | 30.53 | | | 2.981 | 11.70 | 12.51 | |
| 8/21/02 6:30 | 84.60 | 30.48 | | | 2.824 | 15.01 | 22.61 | |
| 8/21/02 7:00 | 84.60 | 30.09 | | | 2.816 | 13.79 | 33.61 | |
| 8/21/02 7:30 | 84.50 | 30.04 | | | 2.960 | 20.30 | 0.00 | |
| 8/21/02 8:00 | 84.60 | 30.42 | | | 3.119 | 20.19 | 69.41 | |
| 8/21/02 8:30 | 84.50 | 30.26 | | | 3.409 | 17.99 | 17.01 | |
| 8/21/02 9:00 | 84.60 | 30.27 | | | 3.683 | 25.16 | 13.91 | |
| 8/21/02 9:30 | 84.70 | 30.41 | | | 3.969 | 15.23 | 13.21 | |
| 8/21/02 10:00 | 84.90 | 30.65 | | | 4.290 | 13.24 | 14.31 | |
| 8/21/02 10:30 | 85.10 | 30.75 | | | 4.579 | 29.14 | 14.81 | |
| 8/21/02 11:00 | 85.40 | 31.11 | | | 4.943 | 34.22 | 32.51 | |
| 8/21/02 11:30 | 85.80 | 31.37 | | | 5.258 | 16.12 | 0.00 | |
| 8/21/02 12:00 | 85.60 | 31.73 | | | 5.463 | 8.50 | 43.41 | |

