

Vester Marine and Environmental Science Research Field Station
YSI 6600 sonde - Water conditions - Data
From 04 17 2009 to 05 01 2009

| Date M/D/Y | Time hh:mm:ss | Date Time M/D/Y hh:mm:ss | Temp C | SpCond mS/cm | Salinity ppt | DO Conc mg/L | DO% % | Depth m | Chlorophyll ug/L | Chlorophyll RFU | Turbidity+ NTU | Battery V |
|---------------|------------------|-----------------------------|-----------|-----------------|-----------------|-----------------|----------|------------|---------------------|--------------------|-------------------|--------------|
| 4/17/2009 | 10:16:00 | 4/17/2009 10:16:00 | 23.98 | 48.887 | 31.94 | 3.09 | 44 | 0.469 | 9.1 | 1.3 | -1.6 | 11.6 |
| 4/17/2009 | 10:31:00 | 4/17/2009 10:31:00 | 24.01 | 49.028 | 32.05 | 3.33 | 47.5 | 0.476 | 8.6 | 1.2 | -0.8 | 11.6 |
| 4/17/2009 | 10:46:00 | 4/17/2009 10:46:00 | 24.03 | 49.111 | 32.11 | 3.41 | 48.8 | 0.485 | 8.8 | 1.3 | -1.5 | 11.6 |
| 4/17/2009 | 11:01:00 | 4/17/2009 11:01:00 | 24.07 | 49.308 | 32.25 | 3.5 | 50 | 0.491 | 11.2 | 1.6 | -1.3 | 11.6 |
| 4/17/2009 | 11:16:00 | 4/17/2009 11:16:00 | 24.19 | 49.245 | 32.2 | 3.53 | 50.6 | 0.488 | 8.3 | 1.2 | -1.6 | 11.6 |
| 4/17/2009 | 11:31:00 | 4/17/2009 11:31:00 | 24.31 | 49.333 | 32.26 | 3.61 | 51.9 | 0.486 | 10.3 | 1.5 | -1 | 11.6 |
| 4/17/2009 | 11:46:00 | 4/17/2009 11:46:00 | 24.4 | 49.361 | 32.28 | 3.63 | 52.3 | 0.482 | 8.9 | 1.3 | -1.1 | 11.6 |
| 4/17/2009 | 12:01:00 | 4/17/2009 12:01:00 | 24.5 | 49.389 | 32.3 | 3.69 | 53.2 | 0.482 | 9.1 | 1.3 | 0.2 | 11.6 |
| 4/17/2009 | 12:16:00 | 4/17/2009 12:16:00 | 24.61 | 49.54 | 32.41 | 3.67 | 53.1 | 0.476 | 9.2 | 1.3 | -1.1 | 11.6 |
| 4/17/2009 | 12:31:00 | 4/17/2009 12:31:00 | 24.63 | 49.656 | 32.49 | 3.69 | 53.4 | 0.47 | 10.1 | 1.4 | -0.5 | 11.6 |
| 4/17/2009 | 12:46:00 | 4/17/2009 12:46:00 | 24.7 | 49.606 | 32.45 | 3.73 | 53.9 | 0.459 | 8.1 | 1.2 | -1.1 | 11.6 |
| 4/17/2009 | 13:01:00 | 4/17/2009 13:01:00 | 24.8 | 49.727 | 32.59 | 3.73 | 54.1 | 0.456 | 9.2 | 1.3 | -0.4 | 11.6 |
| 4/17/2009 | 13:16:00 | 4/17/2009 13:16:00 | 24.9 | 50.588 | 33.17 | 3.56 | 51.9 | 0.454 | 9.9 | 1.4 | 0 | 11.6 |
| 4/17/2009 | 13:31:00 | 4/17/2009 13:31:00 | 24.97 | 50.466 | 33.08 | 3.58 | 52.2 | 0.46 | 9.9 | 1.4 | -1.3 | 11.6 |
| 4/17/2009 | 13:46:00 | 4/17/2009 13:46:00 | 25.03 | 50.466 | 33.08 | 3.57 | 52.2 | 0.462 | 8.4 | 1.2 | 2.5 | 11.6 |
| 4/17/2009 | 14:01:00 | 4/17/2009 14:01:00 | 25.22 | 51 | 33.47 | 3.74 | 55 | 0.47 | 15.6 | 2.2 | -1.2 | 11.6 |
| 4/17/2009 | 14:16:00 | 4/17/2009 14:16:00 | 25.62 | 51.354 | 33.72 | 3.99 | 59.1 | 0.472 | 10 | 1.4 | -1.5 | 11.6 |
| 4/17/2009 | 14:31:00 | 4/17/2009 14:31:00 | 25.56 | 51.191 | 33.6 | 4 | 59.2 | 0.478 | 8.5 | 1.2 | -1.8 | 11.6 |
| 4/17/2009 | 14:46:00 | 4/17/2009 14:46:00 | 25.72 | 51.02 | 33.47 | 4.06 | 60.2 | 0.488 | 9.6 | 1.4 | -1.8 | 11.6 |
| 4/17/2009 | 15:01:00 | 4/17/2009 15:01:00 | 25.79 | 50.992 | 33.45 | 4.12 | 61 | 0.487 | 6.4 | 0.9 | -1.2 | 11.6 |
| 4/17/2009 | 15:16:00 | 4/17/2009 15:16:00 | 25.68 | 50.717 | 33.25 | 4.11 | 60.8 | 0.491 | 10.2 | 1.5 | -0.8 | 11.6 |
| 4/17/2009 | 15:31:00 | 4/17/2009 15:31:00 | 25.57 | 50.472 | 33.07 | 4.15 | 61.2 | 0.499 | 10.8 | 1.5 | -1.7 | 11.6 |
| 4/17/2009 | 15:46:00 | 4/17/2009 15:46:00 | 26.06 | 50.477 | 33.06 | 4.57 | 67.9 | 0.505 | 9.7 | 1.4 | -0.6 | 11.6 |
| 4/17/2009 | 16:01:00 | 4/17/2009 16:01:00 | 26.23 | 50.389 | 32.99 | 4.57 | 68.2 | 0.507 | 9 | 1.3 | -0.4 | 11.6 |
| 4/17/2009 | 16:16:00 | 4/17/2009 16:16:00 | 26.33 | 49.961 | 32.68 | 4.58 | 68.3 | 0.514 | 9.9 | 1.4 | 6 | 11.6 |
| 4/17/2009 | 16:31:00 | 4/17/2009 16:31:00 | 26.28 | 50.076 | 32.76 | 4.65 | 69.3 | 0.516 | 11.8 | 1.7 | -0.5 | 11.6 |
| 4/17/2009 | 16:46:00 | 4/17/2009 16:46:00 | 26.26 | 49.863 | 32.61 | 4.57 | 68 | 0.521 | 12.6 | 1.8 | 2.1 | 11.6 |
| 4/17/2009 | 17:01:00 | 4/17/2009 17:01:00 | 26.29 | 49.858 | 32.6 | 4.73 | 70.3 | 0.537 | 10.8 | 1.5 | -0.7 | 11.6 |
| 4/17/2009 | 17:16:00 | 4/17/2009 17:16:00 | 26.38 | 49.698 | 32.48 | 4.68 | 69.7 | 0.54 | 10.3 | 1.5 | 3 | 11.6 |
| 4/17/2009 | 17:31:00 | 4/17/2009 17:31:00 | 26.33 | 49.732 | 32.51 | 4.69 | 69.8 | 0.549 | 12 | 1.7 | 0.6 | 11.6 |
| 4/17/2009 | 17:46:00 | 4/17/2009 17:46:00 | 26.25 | 49.621 | 32.43 | 4.64 | 68.9 | 0.556 | 12.3 | 1.8 | 1.1 | 11.6 |
| 4/17/2009 | 18:01:00 | 4/17/2009 18:01:00 | 26.25 | 49.552 | 32.38 | 4.6 | 68.4 | 0.569 | 10.3 | 1.5 | 1.1 | 11.6 |
| 4/17/2009 | 18:16:00 | 4/17/2009 18:16:00 | 26.21 | 49.553 | 32.38 | 4.49 | 66.7 | 0.581 | 10.9 | 1.6 | 1.7 | 11.6 |
| 4/17/2009 | 18:31:00 | 4/17/2009 18:31:00 | 26.1 | 49.669 | 32.47 | 4.47 | 66.3 | 0.587 | 13.7 | 2 | 1 | 11.6 |
| 4/17/2009 | 18:46:00 | 4/17/2009 18:46:00 | 26.05 | 49.821 | 32.58 | 4.51 | 66.8 | 0.599 | 13.5 | 1.9 | 0.6 | 11.6 |
| 4/17/2009 | 19:01:00 | 4/17/2009 19:01:00 | 25.95 | 49.899 | 32.64 | 4.42 | 65.5 | 0.609 | 13.4 | 1.9 | 1.5 | 11.6 |
| 4/17/2009 | 19:16:00 | 4/17/2009 19:16:00 | 25.9 | 49.972 | 32.7 | 4.31 | 63.8 | 0.615 | 12.2 | 1.8 | 1 | 11.6 |
| 4/17/2009 | 19:31:00 | 4/17/2009 19:31:00 | 25.8 | 49.984 | 32.71 | 4.32 | 63.8 | 0.614 | 10.8 | 1.5 | 1.3 | 11.6 |
| 4/17/2009 | 19:46:00 | 4/17/2009 19:46:00 | 25.74 | 50.006 | 32.72 | 4.19 | 61.8 | 0.609 | 10.8 | 1.5 | 1 | 11.6 |
| 4/17/2009 | 20:01:00 | 4/17/2009 20:01:00 | 25.6 | 50.065 | 32.77 | 4.24 | 62.5 | 0.605 | 10.8 | 1.5 | -0.7 | 11.6 |
| 4/17/2009 | 20:16:00 | 4/17/2009 20:16:00 | 25.56 | 50.121 | 32.81 | 4.1 | 60.3 | 0.6 | 12.1 | 1.7 | 0.9 | 11.6 |
| 4/17/2009 | 20:31:00 | 4/17/2009 20:31:00 | 25.48 | 50.159 | 32.84 | 4.08 | 60 | 0.601 | 12.1 | 1.7 | 0.5 | 11.6 |
| 4/17/2009 | 20:46:00 | 4/17/2009 20:46:00 | 25.33 | 50.131 | 32.83 | 4 | 58.6 | 0.595 | 10.4 | 1.5 | -0.2 | 11.6 |
| 4/17/2009 | 21:01:00 | 4/17/2009 21:01:00 | 25.24 | 50.092 | 32.8 | 3.92 | 57.4 | 0.592 | 11.9 | 1.7 | 0.1 | 11.6 |
| 4/17/2009 | 21:16:00 | 4/17/2009 21:16:00 | 25.2 | 50.128 | 32.83 | 3.86 | 56.4 | 0.589 | 11.3 | 1.6 | -1 | 11.6 |
| 4/17/2009 | 21:31:00 | 4/17/2009 21:31:00 | 25.12 | 50.169 | 32.86 | 3.79 | 55.4 | 0.583 | 10.3 | 1.5 | -0.4 | 11.6 |
| 4/17/2009 | 21:46:00 | 4/17/2009 21:46:00 | 25.04 | 50.157 | 32.85 | 3.75 | 54.7 | 0.578 | 9.6 | 1.4 | -1 | 11.6 |
| 4/17/2009 | 22:01:00 | 4/17/2009 22:01:00 | 25.22 | 50.586 | 33.16 | 4.26 | 62.4 | 0.573 | 10.1 | 1.4 | -1.5 | 11.6 |
| 4/17/2009 | 22:16:00 | 4/17/2009 22:16:00 | 25.23 | 50.984 | 33.46 | 4.13 | 60.7 | 0.565 | 7.5 | 1.1 | -2.1 | 11.6 |
| 4/17/2009 | 22:31:00 | 4/17/2009 22:31:00 | 25.17 | 50.946 | 33.43 | 4.1 | 60.1 | 0.555 | 11.6 | 1.7 | -0.7 | 11.6 |
| 4/17/2009 | 22:46:00 | 4/17/2009 22:46:00 | 25.06 | 50.855 | 33.37 | 4.12 | 60.3 | 0.548 | 9.2 | 1.3 | -1.9 | 11.6 |
| 4/17/2009 | 23:01:00 | 4/17/2009 23:01:00 | 24.93 | 50.523 | 33.12 | 4.09 | 59.7 | 0.538 | 24.4 | 3.5 | -1.7 | 11.6 |
| 4/17/2009 | 23:16:00 | 4/17/2009 23:16:00 | 25.21 | 50.657 | 33.22 | 3.8 | 55.7 | 0.526 | 12.8 | 1.8 | -1.7 | 11.6 |
| 4/17/2009 | 23:31:00 | 4/17/2009 23:31:00 | 25.15 | 51.764 | 34.03 | 3.77 | 55.6 | 0.517 | 21.5 | 3.1 | -2.4 | 11.6 |
| 4/17/2009 | 23:46:00 | 4/17/2009 23:46:00 | 25.02 | 51.515 | 33.85 | 3.72 | 54.5 | 0.504 | 13.4 | 1.9 | -1.6 | 11.6 |
| 4/18/2009 | 00:01:00 | 4/18/2009 00:01:00 | 24.78 | 51.136 | 33.58 | 3.83 | 55.9 | 0.49 | 12.1 | 1.7 | -2.2 | 11.6 |
| 4/18/2009 | 00:16:00 | 4/18/2009 00:16:00 | 24.89 | 50.752 | 33.29 | 3.52 | 51.3 | 0.479 | 8.6 | 1.2 | -2.5 | 11.6 |
| 4/18/2009 | 00:31:00 | 4/18/2009 00:31:00 | 24.7 | 51.341 | 33.73 | 3.69 | 53.8 | 0.466 | 9.4 | 1.3 | -2.1 | 11.6 |
| 4/18/2009 | 00:46:00 | 4/18/2009 00:46:00 | 24.74 | 50.633 | 33.21 | 3.47 | 50.5 | 0.453 | 7.9 | 1.1 | -1.9 | 11.6 |
| 4/18/2009 | 01:01:00 | 4/18/2009 01:01:00 | 24.43 | 50.407 | 33.05 | 3.69 | 53.4 | 0.442 | 9.6 | 1.4 | -2.9 | 11.6 |
| 4/18/2009 | 01:16:00 | 4/18/2009 01:16:00 | 24.4 | 51.018 | 33.5 | 3.82 | 55.3 | 0.429 | 8.3 | 1.2 | -2.4 | 11.6 |
| 4/18/2009 | 01:31:00 | 4/18/2009 01:31:00 | 24.74 | 50.985 | 33.47 | 3.67 | 53.5 | 0.417 | 8.5 | 1.2 | -2.3 | 11.6 |
| 4/18/2009 | 01:46:00 | 4/18/2009 01:46:00 | 24.8 | 51.231 | 33.65 | 3.49 | 50.9 | 0.403 | 8 | 1.1 | -1.8 | 11.6 |
| 4/18/2009 | 02:01:00 | 4/18/2009 02:01:00 | 24.69 | 51.146 | 33.59 | 3.46 | 50.4 | 0.391 | 7.6 | 1.1 | -2.3 | 11.6 |
| 4/18/2009 | 02:16:00 | 4/18/2009 02:16:00 | 24.76 | 51.254 | 33.67 | 3.37 | 49.2 | 0.379 | 9.2 | 1.3 | -1.9 | 11.6 |
| 4/18/2009 | 02:31:00 | 4/18/2009 02:31:00 | 24.64 | 51.386 | 33.77 | 3.27 | 47.6 | 0.367 | 8.7 | 1.2 | -1.8 | 11.6 |
| 4/18/2009 | 02:46:00 | 4/18/2009 02:46:00 | 24.67 | 51.429 | 33.8 | 3.08 | 45 | 0.355 | 11.9 | 1.7 | -1.4 | 11.6 |
| 4/18/2009 | 03:01:00 | 4/18/2009 03:01:00 | 24.37 | 51.298 | 33.71 | 3.21 | 46.6 | 0.344 | 8.1 | 1.2 | -2.1 | 11.6 |
| 4/18/2009 | 03:16:00 | 4/18/2009 03:16:00 | 24.54 | 51.145 | 33.59 | 3.06 | 44.5 | 0.333 | 9.8 | 1.4 | -1.4 | 11.6 |
| 4/18/2009 | 03:31:00 | 4/18/2009 03:31:00 | 24.66 | 51.562 | 33.89 | 3.2 | 46.6 | 0.322 | 7.5 | 1.1 | -1.7 | 11.5 |
| 4/18/2009 | 03:46:00 | 4/18/2009 03:46:00 | 24.37 | 51.233 | 33.66 | 3.27 | 47.4 | 0.312 | 8.8 | 1.3 | -1.8 | 11.6 |
| 4/18/2009 | 04:01:00 | 4/18/2009 04:01:00 | 24.17 | 51.33 | 33.73 | 3.23 | 46.6 | 0.3 | 7.8 | 1.1 | -1.9 | 11.6 |
| 4/18/2009 | 04:16:00 | 4/18/2009 04:16:00 | 24.09 | 51.335 | 33.74 | 3.21 | 46.3 | 0.291 | 7.6 | 1.1 | -1.8 | 11.6 |
| 4/18/2009 | 04:31:00 | 4/18/2009 04:31:00 | 23.87 | 51.35 | 33.75 | 3.35 | 48.2 | 0.283 | 9.7 | 1.4 | -1.8 | 11.6 |
| 4/18/2009 | 04:46:00 | 4/18/2009 04:46:00 | 23.88 | 51.255 | 33.68 | 3.28 | 47.2 | 0.274 | 9.9 | 1.4 | -2 | 11.6 |
| 4/18/2009 | 05:01:00 | 4/18/2009 05:01:00 | 23.97 | 51.328 | 33.74 | 3.15 | 45.3 | 0.268 | 10.7 | 1.5 | -1.7 | 11.6 |
| 4/18/2009 | 05:16:00 | 4/18/2009 05:16:00 | 24.09 | 51.464 | 33.83 | 3.16 | 45.6 | 0.262 | 11.3 | 1.6 | -1.9 | 11.6 |
| 4/18/2009 | 05:31:00 | 4/18/2009 05:31:00 | 23.94 | 51.595 | 33.93 | 3.11 | 44.9 | 0.256 | 8.7 | 1.3 | -1.9 | 11.6 |
| 4/18/2009 | 05:46:00 | 4/18/2009 05:46:00 | 23.91 | 51.767 | 34.06 | 3.03 | 43.7 | 0.253 | 10.8 | 1.5 | -1.7 | 11.6 |
| 4/18/2009 | 06:01:00 | 4/18/2009 06:01:00 | 23.79 | 51.848 | 34.12 | 3.1 | 44.6 | 0.249 | 12.3 | 1.8 | -1.8 | 11.6 |
| 4/18/2009 | 06:16:00 | 4/18/2009 06:16:00 | 23.95 | 51.79 | 34.08 | 3.02 | 43.6 | 0.251 | 16.3 | 2.3 | -1.9 | 11.6 |
| 4/18/2009 | 06:31:00 | 4/18/2009 06:31:00 | 23.97 | 51.938 | 34.19 | 2.84 | 41 | 0.256 | 13.8 | 2 | -1.6 | 11.6 |
| 4/18/2009 | 06:46:00 | 4/18/2009 06:46:00 | 23.28 | 51.49 | | | | | | | | |

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YSI 6600 sonde - Water conditions - Data
From 04 17 2009 to 05 01 2009

| Date M/D/Y | Time hh:mm:ss | Date Time M/D/Y hh:mm:ss | Temp C | SpCond mS/cm | Salinity ppt | DO Conc mg/L | DO% % | Depth m | Chlorophyll ug/L | Chlorophyll RFU | Turbidity+ NTU | Battery V |
|---------------|------------------|-----------------------------|-----------|-----------------|-----------------|-----------------|----------|------------|---------------------|--------------------|-------------------|--------------|
| 4/18/2009 | 08:01:00 | 4/18/2009 08:01:00 | 22.97 | 53.076 | 35.05 | 2.89 | 41.2 | 0.306 | 7.8 | 1.1 | -0.4 | 11.6 |
| 4/18/2009 | 08:16:00 | 4/18/2009 08:16:00 | 22.6 | 52.463 | 34.6 | 2.96 | 41.8 | 0.317 | 11 | 1.6 | -1.5 | 11.6 |
| 4/18/2009 | 08:31:00 | 4/18/2009 08:31:00 | 22.41 | 52.1 | 34.33 | 3 | 42.1 | 0.329 | 12 | 1.7 | -1.9 | 11.6 |
| 4/18/2009 | 08:46:00 | 4/18/2009 08:46:00 | 22.32 | 51.719 | 34.05 | 3.02 | 42.3 | 0.338 | 11.4 | 1.6 | -1.9 | 11.6 |
| 4/18/2009 | 09:01:00 | 4/18/2009 09:01:00 | 22.3 | 51.285 | 33.73 | 3.18 | 44.5 | 0.35 | 10 | 1.4 | -1.5 | 11.6 |
| 4/18/2009 | 09:16:00 | 4/18/2009 09:16:00 | 22.32 | 50.701 | 33.3 | 3.22 | 44.9 | 0.363 | 9.4 | 1.3 | -1.6 | 11.5 |
| 4/18/2009 | 09:31:00 | 4/18/2009 09:31:00 | 22.41 | 49.784 | 32.63 | 3.34 | 46.6 | 0.374 | 10.4 | 1.5 | -1.6 | 11.6 |
| 4/18/2009 | 09:46:00 | 4/18/2009 09:46:00 | 22.62 | 48.389 | 31.6 | 3.43 | 47.7 | 0.388 | 10.7 | 1.5 | -1.5 | 11.6 |
| 4/18/2009 | 10:01:00 | 4/18/2009 10:01:00 | 22.79 | 47.788 | 31.16 | 3.41 | 47.5 | 0.401 | 10.6 | 1.5 | -1.1 | 11.6 |
| 4/18/2009 | 10:16:00 | 4/18/2009 10:16:00 | 22.89 | 47.344 | 30.84 | 3.51 | 48.7 | 0.415 | 10.9 | 1.6 | -0.8 | 11.6 |
| 4/18/2009 | 10:31:00 | 4/18/2009 10:31:00 | 22.97 | 47.272 | 30.78 | 3.46 | 48.2 | 0.428 | 10.5 | 1.5 | 0.4 | 11.6 |
| 4/18/2009 | 10:46:00 | 4/18/2009 10:46:00 | 22.98 | 47.332 | 30.83 | 3.49 | 48.6 | 0.44 | 10.7 | 1.5 | 0.3 | 11.6 |
| 4/18/2009 | 11:01:00 | 4/18/2009 11:01:00 | 23.09 | 47.278 | 30.78 | 3.58 | 49.9 | 0.448 | 9.4 | 1.3 | -0.2 | 11.6 |
| 4/18/2009 | 11:16:00 | 4/18/2009 11:16:00 | 23.12 | 47.374 | 30.85 | 3.6 | 50.3 | 0.461 | 8.3 | 1.2 | -0.5 | 11.6 |
| 4/18/2009 | 11:31:00 | 4/18/2009 11:31:00 | 23.31 | 47.788 | 31.15 | 3.86 | 54.1 | 0.466 | 9.6 | 1.4 | 3.5 | 11.6 |
| 4/18/2009 | 11:46:00 | 4/18/2009 11:46:00 | 23.4 | 47.741 | 31.12 | 3.96 | 55.6 | 0.482 | 7.5 | 1.1 | -0.9 | 11.6 |
| 4/18/2009 | 12:01:00 | 4/18/2009 12:01:00 | 23.48 | 47.94 | 31.26 | 3.91 | 55.1 | 0.489 | 7.5 | 1.1 | -0.8 | 11.6 |
| 4/18/2009 | 12:16:00 | 4/18/2009 12:16:00 | 23.56 | 48.068 | 31.35 | 3.92 | 55.3 | 0.493 | 7 | 1 | -0.2 | 11.6 |
| 4/18/2009 | 12:31:00 | 4/18/2009 12:31:00 | 23.7 | 48.243 | 31.48 | 3.85 | 54.5 | 0.497 | 7.8 | 1.1 | 0.6 | 11.6 |
| 4/18/2009 | 12:46:00 | 4/18/2009 12:46:00 | 23.81 | 48.256 | 31.48 | 4.04 | 57.3 | 0.5 | 9.5 | 1.3 | 0.9 | 11.6 |
| 4/18/2009 | 13:01:00 | 4/18/2009 13:01:00 | 24 | 48.32 | 31.53 | 4.07 | 57.8 | 0.496 | 9.4 | 1.3 | 0.3 | 11.6 |
| 4/18/2009 | 13:16:00 | 4/18/2009 13:16:00 | 24.08 | 48.57 | 31.71 | 4.01 | 57.2 | 0.504 | 9.5 | 1.4 | 2.4 | 11.6 |
| 4/18/2009 | 13:31:00 | 4/18/2009 13:31:00 | 24.21 | 48.76 | 31.85 | 4.14 | 59.3 | 0.506 | 9.5 | 1.4 | 0.7 | 11.6 |
| 4/18/2009 | 13:46:00 | 4/18/2009 13:46:00 | 24.26 | 48.6 | 31.73 | 4.19 | 60 | 0.502 | 8.7 | 1.2 | -0.3 | 11.6 |
| 4/18/2009 | 14:01:00 | 4/18/2009 14:01:00 | 24.38 | 48.652 | 31.76 | 4.1 | 58.8 | 0.504 | 13.2 | 1.9 | 5.1 | 11.6 |
| 4/18/2009 | 14:16:00 | 4/18/2009 14:16:00 | 24.45 | 49.341 | 32.27 | 4.08 | 58.8 | 0.5 | 12.4 | 1.8 | 1.2 | 11.6 |
| 4/18/2009 | 14:31:00 | 4/18/2009 14:31:00 | 24.84 | 48.803 | 31.86 | 4.3 | 62.1 | 0.5 | 10.4 | 1.5 | -0.5 | 11.6 |
| 4/18/2009 | 14:46:00 | 4/18/2009 14:46:00 | 24.99 | 48.983 | 31.99 | 4.3 | 62.4 | 0.484 | 11.8 | 1.7 | 0.8 | 11.6 |
| 4/18/2009 | 15:01:00 | 4/18/2009 15:01:00 | 25.03 | 49.13 | 32.1 | 4.26 | 61.9 | 0.489 | 11.6 | 1.7 | 3.1 | 11.6 |
| 4/18/2009 | 15:16:00 | 4/18/2009 15:16:00 | 25.05 | 49.253 | 32.19 | 4.25 | 61.9 | 0.488 | 11.1 | 1.6 | 0 | 11.6 |
| 4/18/2009 | 15:31:00 | 4/18/2009 15:31:00 | 25.1 | 49.257 | 32.19 | 4.27 | 62.1 | 0.485 | 8.8 | 1.3 | -0.9 | 11.6 |
| 4/18/2009 | 15:46:00 | 4/18/2009 15:46:00 | 25.03 | 49.065 | 32.05 | 4.24 | 61.5 | 0.487 | 10.2 | 1.5 | -0.8 | 11.6 |
| 4/18/2009 | 16:01:00 | 4/18/2009 16:01:00 | 25.1 | 49.288 | 32.21 | 4.41 | 64.2 | 0.47 | 13.4 | 1.9 | -0.4 | 11.6 |
| 4/18/2009 | 16:16:00 | 4/18/2009 16:16:00 | 25.25 | 50.19 | 32.87 | 4.4 | 64.5 | 0.471 | 9.2 | 1.3 | -0.4 | 11.6 |
| 4/18/2009 | 16:31:00 | 4/18/2009 16:31:00 | 25.35 | 50.365 | 33 | 4.51 | 66.2 | 0.468 | 13 | 1.9 | 1.2 | 11.6 |
| 4/18/2009 | 16:46:00 | 4/18/2009 16:46:00 | 25.44 | 49.464 | 32.33 | 4.47 | 65.5 | 0.472 | 12.7 | 1.8 | 2.4 | 11.5 |
| 4/18/2009 | 17:01:00 | 4/18/2009 17:01:00 | 25.44 | 50.112 | 32.81 | 4.42 | 65 | 0.471 | 14.7 | 2.1 | 2.6 | 11.6 |
| 4/18/2009 | 17:16:00 | 4/18/2009 17:16:00 | 25.52 | 50.871 | 33.37 | 4.51 | 66.5 | 0.476 | 12.3 | 1.8 | 3.1 | 11.6 |
| 4/18/2009 | 17:31:00 | 4/18/2009 17:31:00 | 25.52 | 50.686 | 33.23 | 4.41 | 65 | 0.481 | 12.3 | 1.8 | 3.4 | 11.6 |
| 4/18/2009 | 17:46:00 | 4/18/2009 17:46:00 | 25.54 | 50.159 | 32.84 | 4.43 | 65.2 | 0.493 | 10.7 | 1.5 | -0.2 | 11.6 |
| 4/18/2009 | 18:01:00 | 4/18/2009 18:01:00 | 25.55 | 50.535 | 33.12 | 4.41 | 65 | 0.497 | 11.7 | 1.7 | 0 | 11.6 |
| 4/18/2009 | 18:16:00 | 4/18/2009 18:16:00 | 25.53 | 50.353 | 32.98 | 4.52 | 66.6 | 0.519 | 11.3 | 1.6 | -0.7 | 11.6 |
| 4/18/2009 | 18:31:00 | 4/18/2009 18:31:00 | 25.58 | 50.471 | 33.07 | 4.45 | 65.6 | 0.522 | 9.4 | 1.3 | 0.6 | 11.6 |
| 4/18/2009 | 18:46:00 | 4/18/2009 18:46:00 | 25.58 | 50.47 | 33.07 | 4.47 | 66 | 0.536 | 9.3 | 1.3 | 1.4 | 11.6 |
| 4/18/2009 | 19:01:00 | 4/18/2009 19:01:00 | 25.46 | 50.418 | 33.03 | 4.43 | 65.1 | 0.546 | 11.2 | 1.6 | -1.2 | 11.6 |
| 4/18/2009 | 19:16:00 | 4/18/2009 19:16:00 | 25.49 | 50.28 | 32.93 | 4.25 | 62.5 | 0.561 | 12.2 | 1.8 | 0.2 | 11.6 |
| 4/18/2009 | 19:31:00 | 4/18/2009 19:31:00 | 25.46 | 50.306 | 32.95 | 4.11 | 60.5 | 0.577 | 9.1 | 1.3 | -0.5 | 11.6 |
| 4/18/2009 | 19:46:00 | 4/18/2009 19:46:00 | 25.37 | 49.684 | 32.5 | 4.4 | 64.5 | 0.593 | 9.8 | 1.4 | -0.7 | 11.6 |
| 4/18/2009 | 20:01:00 | 4/18/2009 20:01:00 | 25.39 | 49.743 | 32.54 | 4.32 | 63.3 | 0.605 | 9.7 | 1.4 | 1.7 | 11.6 |
| 4/18/2009 | 20:16:00 | 4/18/2009 20:16:00 | 25.09 | 49.747 | 32.55 | 4.06 | 59.2 | 0.624 | 10.1 | 1.4 | -0.7 | 11.6 |
| 4/18/2009 | 20:31:00 | 4/18/2009 20:31:00 | 25.09 | 49.502 | 32.37 | 4.13 | 60.1 | 0.633 | 9.7 | 1.4 | 0.8 | 11.6 |
| 4/18/2009 | 20:46:00 | 4/18/2009 20:46:00 | 25.08 | 49.615 | 32.45 | 4.34 | 63.3 | 0.645 | 9.6 | 1.4 | 0.6 | 11.6 |
| 4/18/2009 | 21:01:00 | 4/18/2009 21:01:00 | 25.16 | 49.721 | 32.53 | 4.21 | 61.5 | 0.656 | 9.3 | 1.3 | -0.2 | 11.6 |
| 4/18/2009 | 21:16:00 | 4/18/2009 21:16:00 | 25.17 | 49.849 | 32.62 | 4.12 | 60.2 | 0.666 | 9.8 | 1.4 | 0.6 | 11.6 |
| 4/18/2009 | 21:31:00 | 4/18/2009 21:31:00 | 25.19 | 49.879 | 32.64 | 4.22 | 61.7 | 0.674 | 8.9 | 1.3 | -0.4 | 11.6 |
| 4/18/2009 | 21:46:00 | 4/18/2009 21:46:00 | 25.21 | 50.127 | 32.83 | 4.2 | 61.5 | 0.679 | 10.6 | 1.5 | -0.2 | 11.6 |
| 4/18/2009 | 22:01:00 | 4/18/2009 22:01:00 | 25.14 | 50.158 | 32.85 | 4 | 58.4 | 0.685 | 12.7 | 1.8 | 0 | 11.6 |
| 4/18/2009 | 22:16:00 | 4/18/2009 22:16:00 | 25.28 | 50.322 | 32.97 | 3.81 | 55.8 | 0.695 | 9.8 | 1.4 | -1.6 | 11.6 |
| 4/18/2009 | 22:31:00 | 4/18/2009 22:31:00 | 25.3 | 50.722 | 33.26 | 3.45 | 50.8 | 0.697 | 13.1 | 1.9 | -1.5 | 11.6 |
| 4/18/2009 | 22:46:00 | 4/18/2009 22:46:00 | 24.68 | 50.977 | 33.46 | 3.87 | 56.3 | 0.695 | 9.6 | 1.4 | -0.8 | 11.6 |
| 4/18/2009 | 23:01:00 | 4/18/2009 23:01:00 | 24.54 | 50.509 | 33.12 | 4.1 | 59.4 | 0.687 | 8.8 | 1.3 | -1 | 11.6 |
| 4/18/2009 | 23:16:00 | 4/18/2009 23:16:00 | 24.47 | 50.413 | 33.05 | 4.13 | 59.7 | 0.679 | 8.2 | 1.2 | -1.3 | 11.5 |
| 4/18/2009 | 23:31:00 | 4/18/2009 23:31:00 | 24.43 | 50.297 | 32.97 | 4.13 | 59.7 | 0.67 | 9.7 | 1.4 | -1.1 | 11.6 |
| 4/18/2009 | 23:46:00 | 4/18/2009 23:46:00 | 24.42 | 50.307 | 32.98 | 3.96 | 57.2 | 0.658 | 8.5 | 1.2 | -0.2 | 11.6 |
| 4/19/2009 | 00:01:00 | 4/19/2009 00:01:00 | 24.47 | 50.36 | 33.01 | 3.89 | 56.2 | 0.644 | 8.1 | 1.2 | -1.1 | 11.6 |
| 4/19/2009 | 00:16:00 | 4/19/2009 00:16:00 | 24.45 | 50.536 | 33.14 | 3.88 | 56.2 | 0.631 | 10.7 | 1.5 | -1.1 | 11.6 |
| 4/19/2009 | 00:31:00 | 4/19/2009 00:31:00 | 24.39 | 50.466 | 33.09 | 3.93 | 56.8 | 0.618 | 7.6 | 1.1 | -2 | 11.6 |
| 4/19/2009 | 00:46:00 | 4/19/2009 00:46:00 | 24.39 | 50.478 | 33.1 | 3.86 | 55.8 | 0.603 | 9.5 | 1.4 | -2.4 | 11.6 |
| 4/19/2009 | 01:01:00 | 4/19/2009 01:01:00 | 24.58 | 50.575 | 33.17 | 3.85 | 55.8 | 0.592 | 9.3 | 1.3 | -1.1 | 11.6 |
| 4/19/2009 | 01:16:00 | 4/19/2009 01:16:00 | 24.65 | 50.734 | 33.28 | 3.84 | 55.8 | 0.578 | 8.3 | 1.2 | -1.3 | 11.6 |
| 4/19/2009 | 01:31:00 | 4/19/2009 01:31:00 | 24.66 | 50.873 | 33.39 | 3.68 | 53.5 | 0.565 | 9.3 | 1.3 | -0.9 | 11.6 |
| 4/19/2009 | 01:46:00 | 4/19/2009 01:46:00 | 24.78 | 50.938 | 33.43 | 3.09 | 45 | 0.55 | 9.9 | 1.4 | -2.1 | 11.6 |
| 4/19/2009 | 02:01:00 | 4/19/2009 02:01:00 | 24.78 | 51.098 | 33.55 | 3.2 | 46.8 | 0.535 | 10.4 | 1.5 | -2.4 | 11.6 |
| 4/19/2009 | 02:16:00 | 4/19/2009 02:16:00 | 24.8 | 51.007 | 33.48 | 3.06 | 44.6 | 0.522 | 9.3 | 1.3 | -3 | 11.6 |
| 4/19/2009 | 02:31:00 | 4/19/2009 02:31:00 | 24.79 | 50.85 | 33.37 | 3.09 | 45.1 | 0.507 | 10.9 | 1.6 | -2.7 | 11.6 |
| 4/19/2009 | 02:46:00 | 4/19/2009 02:46:00 | 24.75 | 51.015 | 33.49 | 2.92 | 42.6 | 0.494 | 8.6 | 1.2 | -2.5 | 11.6 |
| 4/19/2009 | 03:01:00 | 4/19/2009 03:01:00 | 24.73 | 51.187 | 33.62 | 3.06 | 44.6 | 0.478 | 9.8 | 1.4 | -1.5 | 11.6 |
| 4/19/2009 | 03:16:00 | 4/19/2009 03:16:00 | 24.69 | 51.383 | 33.76 | 3.03 | 44.1 | 0.466 | 12.2 | 1.8 | -2.7 | 11.6 |
| 4/19/2009 | 03:31:00 | 4/19/2009 03:31:00 | 24.77 | 51.47 | 33.82 | 2.96 | 43.3 | 0.451 | 7.8 | 1.1 | -2.7 | 11.6 |
| 4/19/2009 | 03:46:00 | 4/19/2009 03:46:00 | 24.33 | 51.594 | 33.93 | 3.01 | 43.7 | 0.439 | 9.2 | 1.3 | -2 | 11.6 |
| 4/19/2009 | 04:01:00 | 4/19/2009 04:01:00 | 24.48 | 51.45 | 33.82 | 3.02 | 43.9 | 0.426 | 6.8 | 1 | -0.8 | 11.6 |
| 4/19/2009 | 04:16:00 | 4/19/2009 04:16:00 | 24.08 | 51.748 | 34.04 | 3.18 | 45.9 | 0.414 | 9.8 | 1.4 | -1.5 | 11.6 |
| 4/19/2009 | 04:31:00 | 4/19/2009 04:31:00 | 24.62 | 51.553 | 33 | | | | | | | |

Vester Marine and Environmental Science Research Field Station
YSI 6600 sonde - Water conditions - Data
From 04 17 2009 to 05 01 2009

| Date M/D/Y | Time hh:mm:ss | Date Time M/D/Y hh:mm:ss | Temp C | SpCond mg/cm | Salinity ppt | DO Conc mg/L | DO% % | Depth m | Chlorophyll ug/L | Chlorophyll RFU | Turbidity+ NTU | Battery V |
|---------------|------------------|-----------------------------|-----------|-----------------|-----------------|-----------------|----------|------------|---------------------|--------------------|-------------------|--------------|
| 4/19/2009 | 05:46:00 | 4/19/2009 05:46:00 | 24.05 | 52.307 | 34.46 | 2.85 | 41.2 | 0.357 | 4.9 | 0.7 | -2.4 | 11.6 |
| 4/19/2009 | 06:01:00 | 4/19/2009 06:01:00 | 23.62 | 52.459 | 34.58 | 3.12 | 44.9 | 0.354 | 6.6 | 0.9 | 0.1 | 11.6 |
| 4/19/2009 | 06:16:00 | 4/19/2009 06:16:00 | 23.62 | 52.677 | 34.74 | 3.04 | 43.8 | 0.356 | 9 | 1.3 | -2.2 | 11.6 |
| 4/19/2009 | 06:31:00 | 4/19/2009 06:31:00 | 23.63 | 52.772 | 34.81 | 3.07 | 44.3 | 0.362 | 9.4 | 1.3 | -1.7 | 11.6 |
| 4/19/2009 | 06:46:00 | 4/19/2009 06:46:00 | 23.65 | 53.799 | 35.57 | 2.94 | 42.6 | 0.368 | 11 | 1.6 | -2 | 11.6 |
| 4/19/2009 | 07:01:00 | 4/19/2009 07:01:00 | 23.59 | 54.343 | 35.98 | 3.08 | 44.6 | 0.377 | 6.5 | 0.9 | -1.3 | 11.6 |
| 4/19/2009 | 07:16:00 | 4/19/2009 07:16:00 | 23.36 | 54.676 | 36.23 | 3.21 | 46.5 | 0.388 | 5.6 | 0.8 | -1.1 | 11.5 |
| 4/19/2009 | 07:31:00 | 4/19/2009 07:31:00 | 23.13 | 54.431 | 36.05 | 3.14 | 45.1 | 0.4 | 6.4 | 0.9 | -1.5 | 11.6 |
| 4/19/2009 | 07:46:00 | 4/19/2009 07:46:00 | 22.73 | 53.923 | 35.68 | 3.26 | 46.4 | 0.412 | 6.6 | 0.9 | -2.1 | 11.6 |
| 4/19/2009 | 08:01:00 | 4/19/2009 08:01:00 | 22.58 | 53.71 | 35.52 | 3.25 | 46.2 | 0.426 | 5.9 | 0.8 | -1.9 | 11.6 |
| 4/19/2009 | 08:16:00 | 4/19/2009 08:16:00 | 22.7 | 53.721 | 35.53 | 3.03 | 43.1 | 0.439 | 8.7 | 1.2 | -2.1 | 11.6 |
| 4/19/2009 | 08:31:00 | 4/19/2009 08:31:00 | 23.11 | 53.669 | 35.49 | 2.76 | 39.6 | 0.454 | 10.2 | 1.5 | -2.5 | 11.6 |
| 4/19/2009 | 08:46:00 | 4/19/2009 08:46:00 | 23.46 | 53.466 | 35.33 | 2.7 | 38.8 | 0.47 | 7.8 | 1.1 | -2.5 | 11.6 |
| 4/19/2009 | 09:01:00 | 4/19/2009 09:01:00 | 22.97 | 52.621 | 34.71 | 2.88 | 41 | 0.486 | 7.7 | 1.1 | -2.1 | 11.6 |
| 4/19/2009 | 09:16:00 | 4/19/2009 09:16:00 | 23.09 | 52.04 | 34.28 | 2.84 | 40.4 | 0.503 | 7.8 | 1.1 | -1.8 | 11.6 |
| 4/19/2009 | 09:31:00 | 4/19/2009 09:31:00 | 22.98 | 51.209 | 33.67 | 3.1 | 43.9 | 0.521 | 8 | 1.1 | -1.9 | 11.6 |
| 4/19/2009 | 09:46:00 | 4/19/2009 09:46:00 | 22.65 | 51.724 | 34.05 | 3.3 | 46.5 | 0.539 | 7.5 | 1.1 | -1.5 | 11.6 |
| 4/19/2009 | 10:01:00 | 4/19/2009 10:01:00 | 22.7 | 50.873 | 33.42 | 3.28 | 46.2 | 0.558 | 9.4 | 1.3 | -1.8 | 11.6 |
| 4/19/2009 | 10:16:00 | 4/19/2009 10:16:00 | 22.75 | 50.507 | 33.15 | 3.34 | 47 | 0.579 | 12.7 | 1.8 | -1.1 | 11.5 |
| 4/19/2009 | 10:31:00 | 4/19/2009 10:31:00 | 22.83 | 49.86 | 32.68 | 3.45 | 48.3 | 0.598 | 10.9 | 1.6 | -1.6 | 11.6 |
| 4/19/2009 | 10:46:00 | 4/19/2009 10:46:00 | 22.92 | 49.686 | 32.55 | 3.51 | 49.3 | 0.619 | 7.1 | 1 | 0.4 | 11.6 |
| 4/19/2009 | 11:01:00 | 4/19/2009 11:01:00 | 22.97 | 49.96 | 32.75 | 3.62 | 50.9 | 0.636 | 7.4 | 1.1 | 1.1 | 11.6 |
| 4/19/2009 | 11:16:00 | 4/19/2009 11:16:00 | 23.03 | 50.165 | 32.9 | 3.51 | 49.5 | 0.654 | 7 | 1 | 0.7 | 11.6 |
| 4/19/2009 | 11:31:00 | 4/19/2009 11:31:00 | 23.07 | 50.332 | 33.02 | 3.37 | 47.6 | 0.669 | 7.6 | 1.1 | -0.3 | 11.5 |
| 4/19/2009 | 11:46:00 | 4/19/2009 11:46:00 | 23.18 | 50.384 | 33.06 | 3.59 | 50.7 | 0.682 | 6.2 | 0.9 | 0 | 11.5 |
| 4/19/2009 | 12:01:00 | 4/19/2009 12:01:00 | 23.25 | 50.491 | 33.13 | 3.5 | 49.6 | 0.692 | 6.4 | 0.9 | -0.2 | 11.6 |
| 4/19/2009 | 12:16:00 | 4/19/2009 12:16:00 | 23.25 | 50.584 | 33.2 | 3.57 | 50.5 | 0.697 | 11.7 | 1.7 | 10.8 | 11.6 |
| 4/19/2009 | 12:31:00 | 4/19/2009 12:31:00 | 23.32 | 50.68 | 33.27 | 3.42 | 48.6 | 0.696 | 6.6 | 0.9 | 0 | 11.6 |
| 4/19/2009 | 12:46:00 | 4/19/2009 12:46:00 | 23.49 | 50.858 | 33.4 | 3.53 | 50.3 | 0.681 | 7.2 | 1 | 1.4 | 11.6 |
| 4/19/2009 | 13:01:00 | 4/19/2009 13:01:00 | 23.64 | 51.063 | 33.55 | 3.74 | 53.6 | 0.681 | 9.8 | 1.4 | -0.7 | 11.6 |
| 4/19/2009 | 13:16:00 | 4/19/2009 13:16:00 | 23.78 | 51.489 | 33.86 | 3.74 | 53.8 | 0.673 | 10.1 | 1.4 | -0.5 | 11.6 |
| 4/19/2009 | 13:31:00 | 4/19/2009 13:31:00 | 23.9 | 51.715 | 34.02 | 3.72 | 53.6 | 0.667 | 9.2 | 1.3 | 0.8 | 11.6 |
| 4/19/2009 | 13:46:00 | 4/19/2009 13:46:00 | 24.11 | 52.49 | 34.59 | 3.83 | 55.6 | 0.651 | 19.6 | 2.8 | 22.4 | 11.6 |
| 4/19/2009 | 14:01:00 | 4/19/2009 14:01:00 | 24.28 | 52.499 | 34.6 | 4.25 | 61.8 | 0.641 | 10.6 | 1.5 | -1.1 | 11.6 |
| 4/19/2009 | 14:16:00 | 4/19/2009 14:16:00 | 24.31 | 52.904 | 34.9 | 4.14 | 60.4 | 0.634 | 12.1 | 1.7 | -0.3 | 11.5 |
| 4/19/2009 | 14:31:00 | 4/19/2009 14:31:00 | 24.39 | 52.958 | 34.93 | 4.06 | 59.2 | 0.622 | 15 | 2.1 | -0.8 | 11.6 |
| 4/19/2009 | 14:46:00 | 4/19/2009 14:46:00 | 24.75 | 53.07 | 35.01 | 4.17 | 61.3 | 0.61 | 12.7 | 1.8 | 1.2 | 11.6 |
| 4/19/2009 | 15:01:00 | 4/19/2009 15:01:00 | 24.81 | 52.971 | 34.93 | 4.16 | 61.2 | 0.601 | 9.5 | 1.4 | -0.7 | 11.6 |
| 4/19/2009 | 15:16:00 | 4/19/2009 15:16:00 | 24.92 | 52.961 | 34.92 | 4.21 | 62.1 | 0.597 | 8.9 | 1.3 | 0.3 | 11.6 |
| 4/19/2009 | 15:31:00 | 4/19/2009 15:31:00 | 25.02 | 53.775 | 35.53 | 4.25 | 63 | 0.583 | 11.3 | 1.6 | -0.5 | 11.6 |
| 4/19/2009 | 15:46:00 | 4/19/2009 15:46:00 | 25.18 | 53.493 | 35.31 | 4.25 | 63.1 | 0.575 | 11.3 | 1.6 | -1 | 11.6 |
| 4/19/2009 | 16:01:00 | 4/19/2009 16:01:00 | 25.28 | 53.802 | 35.54 | 4.3 | 64.1 | 0.559 | 9.7 | 1.4 | -0.5 | 11.5 |
| 4/19/2009 | 16:16:00 | 4/19/2009 16:16:00 | 25.38 | 53.774 | 35.52 | 4.19 | 62.4 | 0.552 | 10.5 | 1.5 | -0.2 | 11.6 |
| 4/19/2009 | 16:31:00 | 4/19/2009 16:31:00 | 25.43 | 54.015 | 35.7 | 4.15 | 62 | 0.539 | 9 | 1.3 | -0.7 | 11.6 |
| 4/19/2009 | 16:46:00 | 4/19/2009 16:46:00 | 25.53 | 54.1 | 35.76 | 4.17 | 62.4 | 0.533 | 10.4 | 1.5 | -1.5 | 11.6 |
| 4/19/2009 | 17:01:00 | 4/19/2009 17:01:00 | 25.57 | 54.149 | 35.79 | 4.16 | 62.3 | 0.521 | 7.9 | 1.1 | -0.2 | 11.6 |
| 4/19/2009 | 17:16:00 | 4/19/2009 17:16:00 | 25.64 | 54.266 | 35.88 | 4.1 | 61.5 | 0.526 | 8.8 | 1.3 | -1.6 | 11.6 |
| 4/19/2009 | 17:31:00 | 4/19/2009 17:31:00 | 25.68 | 54.158 | 35.8 | 4.16 | 62.4 | 0.528 | 10 | 1.4 | -1.6 | 11.6 |
| 4/19/2009 | 17:46:00 | 4/19/2009 17:46:00 | 25.78 | 54.146 | 35.78 | 4.29 | 64.4 | 0.528 | 9.3 | 1.3 | 1.6 | 11.6 |
| 4/19/2009 | 18:01:00 | 4/19/2009 18:01:00 | 25.78 | 54.395 | 35.97 | 4.33 | 65.1 | 0.54 | 7 | 1 | -2.3 | 11.6 |
| 4/19/2009 | 18:16:00 | 4/19/2009 18:16:00 | 25.77 | 54.506 | 36.05 | 4.2 | 63.2 | 0.549 | 9.1 | 1.3 | -0.7 | 11.5 |
| 4/19/2009 | 18:31:00 | 4/19/2009 18:31:00 | 25.84 | 54.333 | 35.92 | 4.22 | 63.6 | 0.557 | 11 | 1.6 | 0.2 | 11.6 |
| 4/19/2009 | 18:46:00 | 4/19/2009 18:46:00 | 25.84 | 54.311 | 35.91 | 4.3 | 64.7 | 0.564 | 11 | 1.6 | 7.5 | 11.5 |
| 4/19/2009 | 19:01:00 | 4/19/2009 19:01:00 | 25.85 | 54.306 | 35.9 | 4.13 | 62.2 | 0.574 | 7.7 | 1.1 | -0.6 | 11.6 |
| 4/19/2009 | 19:16:00 | 4/19/2009 19:16:00 | 25.83 | 54.253 | 35.86 | 4.16 | 62.6 | 0.587 | 8 | 1.1 | -1.6 | 11.5 |
| 4/19/2009 | 19:31:00 | 4/19/2009 19:31:00 | 25.79 | 54.167 | 35.8 | 4.1 | 61.6 | 0.598 | 8.1 | 1.2 | -1 | 11.6 |
| 4/19/2009 | 19:46:00 | 4/19/2009 19:46:00 | 25.8 | 53.997 | 35.67 | 4.22 | 63.4 | 0.619 | 8.5 | 1.2 | 0.6 | 11.5 |
| 4/19/2009 | 20:01:00 | 4/19/2009 20:01:00 | 25.74 | 53.827 | 35.55 | 4.28 | 64.2 | 0.621 | 9.3 | 1.3 | -1 | 11.6 |
| 4/19/2009 | 20:16:00 | 4/19/2009 20:16:00 | 25.71 | 53.78 | 35.51 | 4.04 | 60.6 | 0.637 | 8.4 | 1.2 | -0.8 | 11.6 |
| 4/19/2009 | 20:31:00 | 4/19/2009 20:31:00 | 25.7 | 53.681 | 35.44 | 4.01 | 60.1 | 0.651 | 8.5 | 1.2 | -0.4 | 11.6 |
| 4/19/2009 | 20:46:00 | 4/19/2009 20:46:00 | 25.69 | 53.764 | 35.5 | 3.91 | 58.5 | 0.666 | 11.2 | 1.6 | -0.8 | 11.6 |
| 4/19/2009 | 21:01:00 | 4/19/2009 21:01:00 | 25.68 | 53.784 | 35.52 | 3.99 | 59.7 | 0.678 | 9.4 | 1.3 | -1 | 11.6 |
| 4/19/2009 | 21:16:00 | 4/19/2009 21:16:00 | 25.46 | 53.706 | 35.47 | 4.01 | 59.8 | 0.692 | 9.5 | 1.4 | -2.2 | 11.6 |
| 4/19/2009 | 21:31:00 | 4/19/2009 21:31:00 | 25.39 | 53.343 | 35.2 | 4.23 | 63 | 0.705 | 9.3 | 1.3 | -1.7 | 11.6 |
| 4/19/2009 | 21:46:00 | 4/19/2009 21:46:00 | 25.53 | 53.195 | 35.08 | 4.29 | 64 | 0.716 | 9.3 | 1.3 | -1.3 | 11.6 |
| 4/19/2009 | 22:01:00 | 4/19/2009 22:01:00 | 25.68 | 53.107 | 35.02 | 4.21 | 63 | 0.727 | 8.5 | 1.2 | -2 | 11.5 |
| 4/19/2009 | 22:16:00 | 4/19/2009 22:16:00 | 25.72 | 52.998 | 34.93 | 3.92 | 58.5 | 0.736 | 13.2 | 1.9 | -2.1 | 11.6 |
| 4/19/2009 | 22:31:00 | 4/19/2009 22:31:00 | 25.74 | 52.944 | 34.89 | 3.82 | 57 | 0.744 | 10.8 | 1.6 | -1.8 | 11.5 |
| 4/19/2009 | 22:46:00 | 4/19/2009 22:46:00 | 25.62 | 53.389 | 35.23 | 3.61 | 53.9 | 0.75 | 5.7 | 0.8 | 0 | 11.6 |
| 4/19/2009 | 23:01:00 | 4/19/2009 23:01:00 | 25.62 | 53.885 | 35.59 | 3.18 | 47.6 | 0.757 | 6.8 | 1 | 0.6 | 11.6 |
| 4/19/2009 | 23:16:00 | 4/19/2009 23:16:00 | 25.55 | 54.128 | 35.78 | 3.46 | 51.9 | 0.759 | 8.3 | 1.2 | 0.4 | 11.6 |
| 4/19/2009 | 23:31:00 | 4/19/2009 23:31:00 | 25.52 | 53.965 | 35.66 | 3.61 | 53.9 | 0.76 | 11.1 | 1.6 | -0.3 | 11.6 |
| 4/19/2009 | 23:46:00 | 4/19/2009 23:46:00 | 25.26 | 53.608 | 35.4 | 3.94 | 58.6 | 0.756 | 10.5 | 1.5 | -1.2 | 11.6 |
| 4/20/2009 | 00:01:00 | 4/20/2009 00:01:00 | 25.23 | 53.45 | 35.28 | 3.75 | 55.7 | 0.747 | 6.2 | 0.9 | -1.4 | 11.6 |
| 4/20/2009 | 00:16:00 | 4/20/2009 00:16:00 | 25.59 | 53.443 | 35.27 | 3.54 | 52.9 | 0.737 | 5.2 | 0.7 | -1 | 11.6 |
| 4/20/2009 | 00:31:00 | 4/20/2009 00:31:00 | 25.56 | 53.309 | 35.17 | 2.98 | 44.5 | 0.725 | 5 | 0.7 | -1.6 | 11.6 |
| 4/20/2009 | 00:46:00 | 4/20/2009 00:46:00 | 25.65 | 53.191 | 35.08 | 3.26 | 48.6 | 0.712 | 6.3 | 0.9 | -2.1 | 11.6 |
| 4/20/2009 | 01:01:00 | 4/20/2009 01:01:00 | 25.68 | 53.174 | 35.06 | 3.33 | 49.8 | 0.701 | 4.5 | 0.6 | -2.4 | 11.6 |
| 4/20/2009 | 01:16:00 | 4/20/2009 01:16:00 | 25.67 | 53.201 | 35.09 | 3.25 | 48.6 | 0.688 | 5.4 | 0.8 | -2.9 | 11.5 |
| 4/20/2009 | 01:31:00 | 4/20/2009 01:31:00 | 25.64 | 53.171 | 35.06 | 2.95 | 44.1 | 0.674 | 6.4 | 0.9 | -3.1 | 11.6 |
| 4/20/2009 | 01:46:00 | 4/20/2009 01:46:00 | 25.61 | 53.109 | 35.02 | 3.1 | 46.3 | 0.658 | 5 | 0.7 | -3.6 | 11.6 |
| 4/20/2009 | 02:01:00 | 4/20/2009 02:01:00 | 25.6 | 53.137 | 35.04 | 3.08 | 46 | 0.645 | 6.9 | 1 | -2.1 | 11.5 |
| 4/20/2009 | 02:16:00 | 4/20/2009 02:16:00 | 25.59 | 53.159 | 35.06 | 3.31 | 49.4 | 0.628</ | | | | |

Vester Marine and Environmental Science Research Field Station
YSI 6600 sonde - Water conditions - Data
From 04 17 2009 to 05 01 2009

| Date M/D/Y | Time hh:mm:ss | Date Time M/D/Y hh:mm:ss | Temp C | SpCond mS/cm | Salinity ppt | DO Conc mg/L | DO% % | Depth m | Chlorophyll ug/L | Chlorophyll RFU | Turbidity+ NTU | Battery V |
|---------------|------------------|-----------------------------|-----------|-----------------|-----------------|-----------------|----------|------------|---------------------|--------------------|-------------------|--------------|
| 4/20/2009 | 03:31:00 | 4/20/2009 03:31:00 | 25.29 | 53.348 | 35.2 | 2.92 | 43.3 | 0.545 | 7.8 | 1.1 | -2.2 | 11.6 |
| 4/20/2009 | 03:46:00 | 4/20/2009 03:46:00 | 25.29 | 53.41 | 35.25 | 2.7 | 40.1 | 0.53 | 7.7 | 1.1 | -1.3 | 11.6 |
| 4/20/2009 | 04:01:00 | 4/20/2009 04:01:00 | 25.29 | 53.41 | 35.25 | 2.62 | 39 | 0.515 | 7 | 1 | -1.7 | 11.5 |
| 4/20/2009 | 04:16:00 | 4/20/2009 04:16:00 | 25.28 | 53.39 | 35.24 | 2.22 | 32.9 | 0.501 | 9.3 | 1.3 | -2.7 | 11.6 |
| 4/20/2009 | 04:31:00 | 4/20/2009 04:31:00 | 25.25 | 53.521 | 35.33 | 2.41 | 35.9 | 0.487 | 6 | 0.9 | -2.7 | 11.6 |
| 4/20/2009 | 04:46:00 | 4/20/2009 04:46:00 | 25.2 | 53.589 | 35.38 | 2.87 | 42.6 | 0.472 | 5.2 | 0.7 | -3.3 | 11.6 |
| 4/20/2009 | 05:01:00 | 4/20/2009 05:01:00 | 25.11 | 53.543 | 35.35 | 3.49 | 51.7 | 0.457 | 5.9 | 0.8 | -2.7 | 11.6 |
| 4/20/2009 | 05:16:00 | 4/20/2009 05:16:00 | 25.02 | 53.55 | 35.36 | 2.87 | 42.5 | 0.444 | 6 | 0.9 | -2.7 | 11.6 |
| 4/20/2009 | 05:31:00 | 4/20/2009 05:31:00 | 25.03 | 53.41 | 35.26 | 2.98 | 44.1 | 0.437 | 5.2 | 0.7 | -2.4 | 11.5 |
| 4/20/2009 | 05:46:00 | 4/20/2009 05:46:00 | 25.08 | 53.475 | 35.3 | 2.76 | 40.8 | 0.426 | 5.4 | 0.8 | -3.1 | 11.6 |
| 4/20/2009 | 06:01:00 | 4/20/2009 06:01:00 | 24.98 | 53.562 | 35.37 | 2.69 | 39.8 | 0.418 | 5.1 | 0.7 | -1.5 | 11.6 |
| 4/20/2009 | 06:16:00 | 4/20/2009 06:16:00 | 25.05 | 53.584 | 35.38 | 2.7 | 40 | 0.408 | 5.4 | 0.8 | -2.6 | 11.6 |
| 4/20/2009 | 06:31:00 | 4/20/2009 06:31:00 | 25.03 | 53.655 | 35.44 | 2.5 | 37.1 | 0.404 | 5.5 | 0.8 | -2.2 | 11.6 |
| 4/20/2009 | 06:46:00 | 4/20/2009 06:46:00 | 24.91 | 53.845 | 35.58 | 2.91 | 43.1 | 0.403 | 7.1 | 1 | -0.8 | 11.6 |
| 4/20/2009 | 07:01:00 | 4/20/2009 07:01:00 | 24.69 | 54.307 | 35.93 | 3.37 | 49.8 | 0.41 | 6 | 0.9 | -1.9 | 11.6 |
| 4/20/2009 | 07:16:00 | 4/20/2009 07:16:00 | 24.62 | 54.688 | 36.22 | 3.4 | 50.3 | 0.419 | 8.8 | 1.3 | -2.1 | 11.6 |
| 4/20/2009 | 07:31:00 | 4/20/2009 07:31:00 | 24.65 | 54.887 | 36.36 | 3.27 | 48.4 | 0.43 | 8 | 1.1 | -1.4 | 11.5 |
| 4/20/2009 | 07:46:00 | 4/20/2009 07:46:00 | 24.51 | 54.897 | 36.37 | 3.38 | 49.8 | 0.441 | 4.3 | 0.6 | -1.9 | 11.6 |
| 4/20/2009 | 08:01:00 | 4/20/2009 08:01:00 | 24.23 | 54.328 | 35.96 | 3.46 | 50.7 | 0.454 | 7.3 | 1 | -1.6 | 11.6 |
| 4/20/2009 | 08:16:00 | 4/20/2009 08:16:00 | 24.23 | 54.229 | 35.88 | 3.4 | 49.9 | 0.468 | 8.9 | 1.3 | -2.4 | 11.6 |
| 4/20/2009 | 08:31:00 | 4/20/2009 08:31:00 | 24.28 | 53.778 | 35.55 | 3.32 | 48.5 | 0.483 | 9.2 | 1.3 | -2.7 | 11.6 |
| 4/20/2009 | 08:46:00 | 4/20/2009 08:46:00 | 24.3 | 53.757 | 35.53 | 3.13 | 45.8 | 0.498 | 8.4 | 1.2 | -2.6 | 11.5 |
| 4/20/2009 | 09:01:00 | 4/20/2009 09:01:00 | 24.28 | 53.764 | 35.53 | 3.48 | 51 | 0.514 | 9.5 | 1.4 | -2.3 | 11.6 |
| 4/20/2009 | 09:16:00 | 4/20/2009 09:16:00 | 24.37 | 53.684 | 35.47 | 3.39 | 49.7 | 0.531 | 6.8 | 1 | -2.1 | 11.5 |
| 4/20/2009 | 09:31:00 | 4/20/2009 09:31:00 | 24.54 | 53.748 | 35.52 | 3.26 | 48 | 0.545 | 6.3 | 0.9 | -1.8 | 11.6 |
| 4/20/2009 | 09:46:00 | 4/20/2009 09:46:00 | 24.79 | 53.822 | 35.57 | 3.24 | 47.8 | 0.561 | 9.8 | 1.4 | -2.3 | 11.6 |
| 4/20/2009 | 10:01:00 | 4/20/2009 10:01:00 | 24.44 | 53.265 | 35.16 | 3.61 | 52.8 | 0.579 | 6.7 | 1 | -1.5 | 11.5 |
| 4/20/2009 | 10:16:00 | 4/20/2009 10:16:00 | 24.43 | 53.042 | 35 | 3.53 | 51.5 | 0.601 | 9.5 | 1.4 | -2.2 | 11.6 |
| 4/20/2009 | 10:31:00 | 4/20/2009 10:31:00 | 24.47 | 52.852 | 34.85 | 3.63 | 53 | 0.621 | 7.3 | 1 | -1.2 | 11.6 |
| 4/20/2009 | 10:46:00 | 4/20/2009 10:46:00 | 24.51 | 52.603 | 34.67 | 3.54 | 51.8 | 0.642 | 9.1 | 1.3 | -1.1 | 11.6 |
| 4/20/2009 | 11:01:00 | 4/20/2009 11:01:00 | 24.53 | 52.522 | 34.61 | 3.42 | 50 | 0.654 | 8.8 | 1.3 | -1.8 | 11.6 |
| 4/20/2009 | 11:16:00 | 4/20/2009 11:16:00 | 24.56 | 52.218 | 34.38 | 3.44 | 50.2 | 0.673 | 10.1 | 1.5 | -0.2 | 11.6 |
| 4/20/2009 | 11:31:00 | 4/20/2009 11:31:00 | 24.63 | 52.262 | 34.41 | 3.36 | 49.1 | 0.694 | 9.1 | 1.3 | -1.2 | 11.6 |
| 4/20/2009 | 11:46:00 | 4/20/2009 11:46:00 | 24.65 | 52.363 | 34.49 | 3.38 | 49.4 | 0.713 | 10 | 1.4 | -1.1 | 11.6 |
| 4/20/2009 | 12:01:00 | 4/20/2009 12:01:00 | 24.7 | 52.39 | 34.51 | 3.34 | 48.9 | 0.728 | 8.6 | 1.2 | -0.4 | 11.6 |
| 4/20/2009 | 12:16:00 | 4/20/2009 12:16:00 | 24.74 | 52.382 | 34.5 | 3.4 | 49.8 | 0.743 | 9 | 1.3 | -1 | 11.6 |
| 4/20/2009 | 12:31:00 | 4/20/2009 12:31:00 | 24.8 | 52.549 | 34.62 | 3.47 | 50.9 | 0.751 | 8.8 | 1.3 | -0.9 | 11.5 |
| 4/20/2009 | 12:46:00 | 4/20/2009 12:46:00 | 24.83 | 52.545 | 34.62 | 3.46 | 50.8 | 0.759 | 8 | 1.1 | 1.2 | 11.5 |
| 4/20/2009 | 13:01:00 | 4/20/2009 13:01:00 | 24.88 | 52.773 | 34.79 | 3.14 | 46.2 | 0.767 | 8.1 | 1.2 | 1.8 | 11.6 |
| 4/20/2009 | 13:16:00 | 4/20/2009 13:16:00 | 25.04 | 53.176 | 35.08 | 2.98 | 44 | 0.763 | 6.7 | 1 | 2.3 | 11.6 |
| 4/20/2009 | 13:31:00 | 4/20/2009 13:31:00 | 25.12 | 53.343 | 35.2 | 3.62 | 53.6 | 0.754 | 11.9 | 1.7 | -1 | 11.6 |
| 4/20/2009 | 13:46:00 | 4/20/2009 13:46:00 | 25.28 | 53.628 | 35.41 | 3.71 | 55.2 | 0.74 | 10.5 | 1.5 | 1.9 | 11.5 |
| 4/20/2009 | 14:01:00 | 4/20/2009 14:01:00 | 25.49 | 53.95 | 35.65 | 4.02 | 60 | 0.731 | 9.7 | 1.4 | -1.9 | 11.6 |
| 4/20/2009 | 14:16:00 | 4/20/2009 14:16:00 | 25.61 | 53.611 | 35.39 | 4.13 | 61.8 | 0.719 | 10.9 | 1.6 | -2 | 11.6 |
| 4/20/2009 | 14:31:00 | 4/20/2009 14:31:00 | 25.75 | 53.771 | 35.51 | 4.32 | 64.8 | 0.705 | 9.9 | 1.4 | -0.3 | 11.6 |
| 4/20/2009 | 14:46:00 | 4/20/2009 14:46:00 | 25.9 | 53.755 | 35.49 | 4.11 | 61.8 | 0.697 | 10.7 | 1.5 | -1.6 | 11.6 |
| 4/20/2009 | 15:01:00 | 4/20/2009 15:01:00 | 26.1 | 53.868 | 35.57 | 4.34 | 65.4 | 0.682 | 8.6 | 1.2 | -1.6 | 11.6 |
| 4/20/2009 | 15:16:00 | 4/20/2009 15:16:00 | 26.17 | 53.83 | 35.54 | 4.26 | 64.3 | 0.668 | 7 | 1 | 0.1 | 11.5 |
| 4/20/2009 | 15:31:00 | 4/20/2009 15:31:00 | 26.33 | 53.879 | 35.57 | 4.23 | 64.1 | 0.655 | 6.8 | 1 | -1.8 | 11.6 |
| 4/20/2009 | 15:46:00 | 4/20/2009 15:46:00 | 26.4 | 54.073 | 35.71 | 4.21 | 63.9 | 0.64 | 6.8 | 1 | -1.5 | 11.6 |
| 4/20/2009 | 16:01:00 | 4/20/2009 16:01:00 | 26.5 | 54.108 | 35.74 | 4.31 | 65.5 | 0.621 | 6 | 0.8 | -1.5 | 11.5 |
| 4/20/2009 | 16:16:00 | 4/20/2009 16:16:00 | 26.48 | 54.381 | 35.94 | 4.32 | 65.7 | 0.61 | 5.9 | 0.8 | 0.9 | 11.6 |
| 4/20/2009 | 16:31:00 | 4/20/2009 16:31:00 | 26.59 | 54.43 | 35.98 | 4.2 | 64.1 | 0.595 | 5.9 | 0.8 | -0.7 | 11.5 |
| 4/20/2009 | 16:46:00 | 4/20/2009 16:46:00 | 26.66 | 54.465 | 36 | 4.35 | 66.4 | 0.581 | 6 | 0.9 | -1.1 | 11.6 |
| 4/20/2009 | 17:01:00 | 4/20/2009 17:01:00 | 26.71 | 54.478 | 36.01 | 4.3 | 65.7 | 0.568 | 6.6 | 0.9 | -1.8 | 11.6 |
| 4/20/2009 | 17:16:00 | 4/20/2009 17:16:00 | 26.72 | 54.555 | 36.06 | 4.3 | 65.7 | 0.557 | 6.5 | 0.9 | -1.4 | 11.6 |
| 4/20/2009 | 17:31:00 | 4/20/2009 17:31:00 | 26.74 | 54.548 | 36.06 | 4.29 | 65.6 | 0.545 | 6.3 | 0.9 | -0.9 | 11.6 |
| 4/20/2009 | 17:46:00 | 4/20/2009 17:46:00 | 26.74 | 54.645 | 36.13 | 4.23 | 64.7 | 0.533 | 6.9 | 1 | -1.3 | 11.6 |
| 4/20/2009 | 18:01:00 | 4/20/2009 18:01:00 | 26.75 | 54.523 | 36.04 | 4.13 | 63.2 | 0.52 | 7.3 | 1 | -2.4 | 11.6 |
| 4/20/2009 | 18:16:00 | 4/20/2009 18:16:00 | 26.75 | 54.515 | 36.03 | 4.13 | 63.2 | 0.514 | 8.7 | 1.2 | -1.1 | 11.6 |
| 4/20/2009 | 18:31:00 | 4/20/2009 18:31:00 | 26.74 | 54.6 | 36.1 | 4.09 | 62.6 | 0.507 | 6.8 | 1 | 1.4 | 11.6 |
| 4/20/2009 | 18:46:00 | 4/20/2009 18:46:00 | 26.74 | 54.665 | 36.15 | 3.99 | 61 | 0.5 | 6.1 | 0.9 | -1.3 | 11.6 |
| 4/20/2009 | 19:01:00 | 4/20/2009 19:01:00 | 26.72 | 54.698 | 36.17 | 4.05 | 62 | 0.501 | 8.6 | 1.2 | -1.6 | 11.6 |
| 4/20/2009 | 19:16:00 | 4/20/2009 19:16:00 | 26.67 | 54.779 | 36.23 | 4.16 | 63.6 | 0.505 | 8.6 | 1.2 | -2 | 11.6 |
| 4/20/2009 | 19:31:00 | 4/20/2009 19:31:00 | 26.6 | 54.948 | 36.36 | 4.09 | 62.6 | 0.511 | 6.2 | 0.9 | -1.5 | 11.5 |
| 4/20/2009 | 19:46:00 | 4/20/2009 19:46:00 | 26.59 | 54.751 | 36.21 | 4.15 | 63.4 | 0.52 | 7.1 | 1 | -0.7 | 11.6 |
| 4/20/2009 | 20:01:00 | 4/20/2009 20:01:00 | 26.52 | 54.708 | 36.18 | 4.14 | 63.1 | 0.531 | 8.1 | 1.2 | -2 | 11.6 |
| 4/20/2009 | 20:16:00 | 4/20/2009 20:16:00 | 26.44 | 54.493 | 36.03 | 4.05 | 61.6 | 0.541 | 9.2 | 1.3 | -1.8 | 11.6 |
| 4/20/2009 | 20:31:00 | 4/20/2009 20:31:00 | 26.37 | 54.238 | 35.84 | 4.04 | 61.4 | 0.552 | 10.2 | 1.5 | -3.3 | 11.6 |
| 4/20/2009 | 20:46:00 | 4/20/2009 20:46:00 | 26.36 | 54.189 | 35.8 | 3.83 | 58.1 | 0.564 | 7.5 | 1.1 | -2.2 | 11.6 |
| 4/20/2009 | 21:01:00 | 4/20/2009 21:01:00 | 26.37 | 54.214 | 35.82 | 3.7 | 56.2 | 0.576 | 7.9 | 1.1 | -1.8 | 11.6 |
| 4/20/2009 | 21:16:00 | 4/20/2009 21:16:00 | 26.38 | 54.216 | 35.82 | 3.74 | 56.8 | 0.592 | 7 | 1 | -2.5 | 11.6 |
| 4/20/2009 | 21:31:00 | 4/20/2009 21:31:00 | 26.41 | 54.24 | 35.84 | 3.65 | 55.5 | 0.604 | 6.2 | 0.9 | -1.9 | 11.6 |
| 4/20/2009 | 21:46:00 | 4/20/2009 21:46:00 | 26.41 | 54.121 | 35.75 | 3.78 | 57.3 | 0.62 | 6.6 | 0.9 | -2.7 | 11.6 |
| 4/20/2009 | 22:01:00 | 4/20/2009 22:01:00 | 26.4 | 54.185 | 35.8 | 3.83 | 58.2 | 0.633 | 9.6 | 1.4 | -1.2 | 11.6 |
| 4/20/2009 | 22:16:00 | 4/20/2009 22:16:00 | 26.38 | 54.206 | 35.81 | 3.85 | 58.5 | 0.643 | 9.4 | 1.3 | -1.9 | 11.6 |
| 4/20/2009 | 22:31:00 | 4/20/2009 22:31:00 | 26.36 | 54.092 | 35.73 | 3.98 | 60.4 | 0.659 | 8.9 | 1.3 | -1.2 | 11.5 |
| 4/20/2009 | 22:46:00 | 4/20/2009 22:46:00 | 26.33 | 53.873 | 35.57 | 4.09 | 61.9 | 0.673 | 8.7 | 1.2 | -1.6 | 11.5 |
| 4/20/2009 | 23:01:00 | 4/20/2009 23:01:00 | 26.3 | 53.73 | 35.46 | 4.12 | 62.4 | 0.689 | 5.8 | 0.8 | -0.7 | 11.6 |
| 4/20/2009 | 23:16:00 | 4/20/2009 23:16:00 | 26.3 | 53.641 | 35.4 | 4.02 | 60.8 | 0.702 | 6.3 | 0.9 | -2.3 | 11.6 |
| 4/20/2009 | 23:31:00 | 4/20/2009 23:31:00 | 26.32 | 53.596 | 35.36 | 3.82 | 57.8 | 0.713 | 9.3 | 1.3 | 0.7 | 11.6 |
| 4/20/2009 | 23:46:00 | 4/20/2009 23:46:00 | 26.36 | 53.463 | 35.26 | 3.97 | 60.1 | 0.724 | 5.8 | 0.8 | 0.5 | 11.6 |
| 4/21/2009 | 00:01:00 | 4/21/2009 00:01:00 | 26.33 | 53.511 | 35.3 | 3.89 | 58.8 | 0.733 | 5.1 | 0.7 | -3 | 11.6 |
| | | | | | | | | | | | | |

Vester Marine and Environmental Science Research Field Station
YSI 6600 sonde - Water conditions - Data
From 04 17 2009 to 05 01 2009

| Date M/D/Y | Time hh:mm:ss | Date Time M/D/Y hh:mm:ss | Temp C | SpCond mS/cm | Salinity ppt | DO Conc mg/L | DO% % | Depth m | Chlorophyll ug/L | Chlorophyll RFU | Turbidity+ NTU | Battery V |
|---------------|------------------|-----------------------------|-----------|-----------------|-----------------|-----------------|----------|------------|---------------------|--------------------|-------------------|--------------|
| 4/21/2009 | 01:16:00 | 4/21/2009 01:16:00 | 26.2 | 53.227 | 35.09 | 3.17 | 47.7 | 0.72 | 5.7 | 0.8 | -1 | 11.6 |
| 4/21/2009 | 01:31:00 | 4/21/2009 01:31:00 | 25.99 | 53.762 | 35.49 | 3.33 | 50.2 | 0.71 | 4.6 | 0.7 | -2.7 | 11.6 |
| 4/21/2009 | 01:46:00 | 4/21/2009 01:46:00 | 25.96 | 53.781 | 35.51 | 3.39 | 51 | 0.697 | 6.3 | 0.9 | -1.6 | 11.6 |
| 4/21/2009 | 02:01:00 | 4/21/2009 02:01:00 | 26 | 53.674 | 35.43 | 3.2 | 48.2 | 0.686 | 5.9 | 0.8 | -3.2 | 11.6 |
| 4/21/2009 | 02:16:00 | 4/21/2009 02:16:00 | 26.02 | 53.603 | 35.37 | 2.42 | 36.4 | 0.675 | 5 | 0.7 | -1.9 | 11.6 |
| 4/21/2009 | 02:31:00 | 4/21/2009 02:31:00 | 26.03 | 53.613 | 35.38 | 3.25 | 48.9 | 0.663 | 7 | 1 | -2.5 | 11.5 |
| 4/21/2009 | 02:46:00 | 4/21/2009 02:46:00 | 26.03 | 53.553 | 35.34 | 2.48 | 37.3 | 0.649 | 5.4 | 0.8 | -3.2 | 11.6 |
| 4/21/2009 | 03:01:00 | 4/21/2009 03:01:00 | 26.04 | 53.583 | 35.36 | 2.56 | 38.5 | 0.635 | 6.5 | 0.9 | -3 | 11.6 |
| 4/21/2009 | 03:16:00 | 4/21/2009 03:16:00 | 26.07 | 53.499 | 35.3 | 2.34 | 35.3 | 0.622 | 5.8 | 0.8 | -1.4 | 11.5 |
| 4/21/2009 | 03:31:00 | 4/21/2009 03:31:00 | 26.07 | 53.463 | 35.27 | 2.88 | 43.4 | 0.608 | 4.8 | 0.7 | -2.4 | 11.6 |
| 4/21/2009 | 03:46:00 | 4/21/2009 03:46:00 | 26.05 | 53.518 | 35.31 | 3.09 | 46.5 | 0.594 | 3.9 | 0.6 | -2.5 | 11.5 |
| 4/21/2009 | 04:01:00 | 4/21/2009 04:01:00 | 25.99 | 53.664 | 35.42 | 2.97 | 44.7 | 0.581 | 11.4 | 1.6 | -2.2 | 11.6 |
| 4/21/2009 | 04:16:00 | 4/21/2009 04:16:00 | 25.92 | 53.802 | 35.53 | 3.1 | 46.6 | 0.566 | 8.6 | 1.2 | -2.4 | 11.6 |
| 4/21/2009 | 04:31:00 | 4/21/2009 04:31:00 | 25.89 | 53.942 | 35.63 | 3.44 | 51.7 | 0.552 | 7 | 1 | -2.6 | 11.6 |
| 4/21/2009 | 04:46:00 | 4/21/2009 04:46:00 | 25.86 | 54.04 | 35.7 | 3.11 | 46.7 | 0.538 | 7.1 | 1 | -2.2 | 11.6 |
| 4/21/2009 | 05:01:00 | 4/21/2009 05:01:00 | 25.82 | 54.17 | 35.8 | 3.36 | 50.6 | 0.523 | 7.6 | 1.1 | -2 | 11.6 |
| 4/21/2009 | 05:16:00 | 4/21/2009 05:16:00 | 25.83 | 53.854 | 35.57 | 3 | 45.1 | 0.512 | 4.4 | 0.6 | -2.9 | 11.5 |
| 4/21/2009 | 05:31:00 | 4/21/2009 05:31:00 | 25.79 | 53.912 | 35.61 | 3.07 | 46.1 | 0.5 | 4.4 | 0.6 | 0.6 | 11.6 |
| 4/21/2009 | 05:46:00 | 4/21/2009 05:46:00 | 25.7 | 53.813 | 35.54 | 3.2 | 48 | 0.491 | 6.9 | 1 | -1.9 | 11.6 |
| 4/21/2009 | 06:01:00 | 4/21/2009 06:01:00 | 25.59 | 53.492 | 35.3 | 3.24 | 48.5 | 0.478 | 8.5 | 1.2 | -2.4 | 11.5 |
| 4/21/2009 | 06:16:00 | 4/21/2009 06:16:00 | 25.58 | 53.29 | 35.15 | 3.28 | 48.9 | 0.472 | 5.4 | 0.8 | -1.3 | 11.6 |
| 4/21/2009 | 06:31:00 | 4/21/2009 06:31:00 | 25.59 | 53.531 | 35.33 | 3.47 | 51.8 | 0.461 | 7.1 | 1 | -2.2 | 11.5 |
| 4/21/2009 | 06:46:00 | 4/21/2009 06:46:00 | 25.71 | 53.803 | 35.53 | 3.16 | 47.4 | 0.455 | 7.7 | 1.1 | -1.5 | 11.6 |
| 4/21/2009 | 07:01:00 | 4/21/2009 07:01:00 | 25.73 | 54.012 | 35.69 | 2.98 | 44.7 | 0.447 | 8.8 | 1.3 | -2.3 | 11.6 |
| 4/21/2009 | 07:16:00 | 4/21/2009 07:16:00 | 25.59 | 53.724 | 35.48 | 2.93 | 43.8 | 0.44 | 6.1 | 0.9 | -1.7 | 11.6 |
| 4/21/2009 | 07:31:00 | 4/21/2009 07:31:00 | 25.52 | 53.816 | 35.55 | 2.94 | 44 | 0.435 | 10.6 | 1.5 | -1.6 | 11.6 |
| 4/21/2009 | 07:46:00 | 4/21/2009 07:46:00 | 25.55 | 54.018 | 35.7 | 2.93 | 43.9 | 0.432 | 6.3 | 0.9 | -2.3 | 11.5 |
| 4/21/2009 | 08:01:00 | 4/21/2009 08:01:00 | 25.54 | 54.024 | 35.7 | 2.8 | 42 | 0.433 | 6.2 | 0.9 | -2 | 11.6 |
| 4/21/2009 | 08:16:00 | 4/21/2009 08:16:00 | 25.55 | 54.418 | 35.99 | 2.51 | 37.6 | 0.438 | 5.9 | 0.8 | -1.9 | 11.6 |
| 4/21/2009 | 08:31:00 | 4/21/2009 08:31:00 | 25.7 | 55.396 | 36.72 | 2.88 | 43.5 | 0.447 | 6.9 | 1 | -1.7 | 11.6 |
| 4/21/2009 | 08:46:00 | 4/21/2009 08:46:00 | 25.57 | 55.554 | 36.84 | 3.16 | 47.6 | 0.453 | 9 | 1.3 | -2.6 | 11.5 |
| 4/21/2009 | 09:01:00 | 4/21/2009 09:01:00 | 25.36 | 54.653 | 36.17 | 3.36 | 50.2 | 0.463 | 13.1 | 1.9 | -2.4 | 11.6 |
| 4/21/2009 | 09:16:00 | 4/21/2009 09:16:00 | 25.35 | 54.478 | 36.04 | 2.92 | 43.7 | 0.473 | 9.9 | 1.4 | -2.9 | 11.6 |
| 4/21/2009 | 09:31:00 | 4/21/2009 09:31:00 | 25.22 | 54.346 | 35.95 | 3.05 | 45.5 | 0.485 | 5.2 | 0.7 | -2 | 11.6 |
| 4/21/2009 | 09:46:00 | 4/21/2009 09:46:00 | 25.09 | 54.007 | 35.7 | 3.16 | 47 | 0.497 | 8.2 | 1.2 | -2.1 | 11.6 |
| 4/21/2009 | 10:01:00 | 4/21/2009 10:01:00 | 25.05 | 53.641 | 35.43 | 3.17 | 46.9 | 0.508 | 8.2 | 1.2 | -1 | 11.5 |
| 4/21/2009 | 10:16:00 | 4/21/2009 10:16:00 | 25.03 | 53.947 | 35.65 | 3.36 | 49.8 | 0.521 | 5.7 | 0.8 | -1.6 | 11.6 |
| 4/21/2009 | 10:31:00 | 4/21/2009 10:31:00 | 25.11 | 54.157 | 35.81 | 3.2 | 47.6 | 0.536 | 7 | 1 | -2.1 | 11.6 |
| 4/21/2009 | 10:46:00 | 4/21/2009 10:46:00 | 25.04 | 54.036 | 35.72 | 3.17 | 47.1 | 0.551 | 5.9 | 0.8 | -2.1 | 11.5 |
| 4/21/2009 | 11:01:00 | 4/21/2009 11:01:00 | 24.85 | 53.617 | 35.41 | 3.32 | 49 | 0.569 | 4.7 | 0.7 | -2.4 | 11.6 |
| 4/21/2009 | 11:16:00 | 4/21/2009 11:16:00 | 24.94 | 53.43 | 35.27 | 3.53 | 52.2 | 0.587 | 6.7 | 1 | -1 | 11.6 |
| 4/21/2009 | 11:31:00 | 4/21/2009 11:31:00 | 25.23 | 53.372 | 35.22 | 3.72 | 55.3 | 0.604 | 7.8 | 1.1 | 1.2 | 11.5 |
| 4/21/2009 | 11:46:00 | 4/21/2009 11:46:00 | 25.28 | 53.261 | 35.14 | 3.79 | 56.3 | 0.622 | 8.2 | 1.2 | -1.6 | 11.6 |
| 4/21/2009 | 12:01:00 | 4/21/2009 12:01:00 | 25.46 | 53.118 | 35.03 | 3.8 | 56.6 | 0.637 | 8 | 1.2 | -1 | 11.5 |
| 4/21/2009 | 12:16:00 | 4/21/2009 12:16:00 | 25.61 | 52.948 | 34.9 | 3.81 | 56.9 | 0.656 | 8.7 | 1.2 | -1 | 11.6 |
| 4/21/2009 | 12:31:00 | 4/21/2009 12:31:00 | 25.74 | 52.624 | 34.66 | 3.83 | 57.2 | 0.665 | 11.4 | 1.6 | -0.4 | 11.6 |
| 4/21/2009 | 12:46:00 | 4/21/2009 12:46:00 | 25.91 | 52.381 | 34.47 | 3.8 | 56.8 | 0.673 | 11.8 | 1.7 | -0.4 | 11.5 |
| 4/21/2009 | 13:01:00 | 4/21/2009 13:01:00 | 26.07 | 52.258 | 34.38 | 3.81 | 57 | 0.682 | 10.5 | 1.5 | 0 | 11.5 |
| 4/21/2009 | 13:16:00 | 4/21/2009 13:16:00 | 26.19 | 52.405 | 34.48 | 3.91 | 58.7 | 0.68 | 10.1 | 1.4 | 0.6 | 11.5 |
| 4/21/2009 | 13:31:00 | 4/21/2009 13:31:00 | 26.21 | 52.565 | 34.6 | 3.82 | 57.4 | 0.672 | 12.7 | 1.8 | 0.5 | 11.5 |
| 4/21/2009 | 13:46:00 | 4/21/2009 13:46:00 | 26.26 | 52.485 | 34.54 | 3.9 | 58.6 | 0.66 | 9.5 | 1.4 | -0.2 | 11.5 |
| 4/21/2009 | 14:01:00 | 4/21/2009 14:01:00 | 26.33 | 52.622 | 34.64 | 3.91 | 58.9 | 0.646 | 8 | 1.1 | 2.3 | 11.6 |
| 4/21/2009 | 14:16:00 | 4/21/2009 14:16:00 | 26.48 | 53.155 | 35.03 | 4.28 | 64.9 | 0.64 | 9.7 | 1.4 | -1.3 | 11.6 |
| 4/21/2009 | 14:31:00 | 4/21/2009 14:31:00 | 26.45 | 53.428 | 35.23 | 4 | 60.6 | 0.623 | 9.7 | 1.4 | -0.9 | 11.6 |
| 4/21/2009 | 14:46:00 | 4/21/2009 14:46:00 | 26.6 | 53.238 | 35.09 | 4.09 | 62.1 | 0.616 | 10.8 | 1.5 | -2 | 11.6 |
| 4/21/2009 | 15:01:00 | 4/21/2009 15:01:00 | 26.6 | 53.307 | 35.14 | 4.17 | 63.3 | 0.604 | 7.5 | 1.1 | -1.6 | 11.6 |
| 4/21/2009 | 15:16:00 | 4/21/2009 15:16:00 | 26.79 | 53.244 | 35.09 | 4.27 | 65 | 0.592 | 19.2 | 2.7 | -1.3 | 11.6 |
| 4/21/2009 | 15:31:00 | 4/21/2009 15:31:00 | 26.86 | 53.379 | 35.19 | 4.36 | 66.5 | 0.582 | 13.3 | 1.9 | 0.7 | 11.6 |
| 4/21/2009 | 15:46:00 | 4/21/2009 15:46:00 | 26.93 | 53.408 | 35.21 | 4.28 | 65.4 | 0.569 | 9.8 | 1.4 | -1.6 | 11.6 |
| 4/21/2009 | 16:01:00 | 4/21/2009 16:01:00 | 26.93 | 53.489 | 35.27 | 4.15 | 63.4 | 0.554 | 11.4 | 1.6 | -1 | 11.6 |
| 4/21/2009 | 16:16:00 | 4/21/2009 16:16:00 | 27 | 53.432 | 35.22 | 4.33 | 66.2 | 0.542 | 15.8 | 2.3 | -1.8 | 11.6 |
| 4/21/2009 | 16:31:00 | 4/21/2009 16:31:00 | 27 | 53.366 | 35.17 | 4.29 | 65.5 | 0.525 | 27.1 | 3.9 | -1.3 | 11.5 |
| 4/21/2009 | 16:46:00 | 4/21/2009 16:46:00 | 26.99 | 53.431 | 35.22 | 4.12 | 63.1 | 0.512 | 19.1 | 2.7 | -2.1 | 11.5 |
| 4/21/2009 | 17:01:00 | 4/21/2009 17:01:00 | 27.13 | 53.514 | 35.28 | 4.49 | 68.9 | 0.501 | 36.6 | 5.2 | 2.1 | 11.6 |
| 4/21/2009 | 17:16:00 | 4/21/2009 17:16:00 | 27.23 | 53.52 | 35.28 | 4.26 | 65.4 | 0.486 | 26.4 | 3.8 | -1.6 | 11.6 |
| 4/21/2009 | 17:31:00 | 4/21/2009 17:31:00 | 27.22 | 53.56 | 35.31 | 4.26 | 65.3 | 0.473 | 8.4 | 1.2 | -1.5 | 11.6 |
| 4/21/2009 | 17:46:00 | 4/21/2009 17:46:00 | 27.16 | 53.29 | 35.11 | 4.35 | 66.6 | 0.462 | 4.4 | 0.6 | -2.2 | 11.5 |
| 4/21/2009 | 18:01:00 | 4/21/2009 18:01:00 | 27.11 | 53.29 | 35.11 | 4.34 | 66.4 | 0.453 | 14.3 | 2.1 | -2.2 | 11.6 |
| 4/21/2009 | 18:16:00 | 4/21/2009 18:16:00 | 27.24 | 53.403 | 35.19 | 4.32 | 66.3 | 0.439 | 15.8 | 2.3 | -2.3 | 11.6 |
| 4/21/2009 | 18:31:00 | 4/21/2009 18:31:00 | 27.38 | 53.551 | 35.3 | 4.58 | 70.6 | 0.433 | 8.2 | 1.2 | -2.3 | 11.5 |
| 4/21/2009 | 18:46:00 | 4/21/2009 18:46:00 | 27.34 | 53.595 | 35.33 | 4.42 | 68 | 0.419 | 11.3 | 1.6 | -1.8 | 11.6 |
| 4/21/2009 | 19:01:00 | 4/21/2009 19:01:00 | 27.22 | 53.592 | 35.33 | 4.48 | 68.7 | 0.409 | 11.7 | 1.7 | -2.2 | 11.6 |
| 4/21/2009 | 19:16:00 | 4/21/2009 19:16:00 | 27.1 | 53.628 | 35.36 | 4.31 | 66.1 | 0.397 | 11.2 | 1.6 | -1.9 | 11.6 |
| 4/21/2009 | 19:31:00 | 4/21/2009 19:31:00 | 27.13 | 53.732 | 35.44 | 4.2 | 64.5 | 0.39 | 13.1 | 1.9 | -2.9 | 11.6 |
| 4/21/2009 | 19:46:00 | 4/21/2009 19:46:00 | 27.02 | 53.735 | 35.45 | 4.3 | 65.8 | 0.381 | 19.7 | 2.8 | -2.2 | 11.5 |
| 4/21/2009 | 20:01:00 | 4/21/2009 20:01:00 | 26.82 | 53.738 | 35.45 | 4.25 | 64.8 | 0.377 | 11.7 | 1.7 | -2.7 | 11.6 |
| 4/21/2009 | 20:16:00 | 4/21/2009 20:16:00 | 26.82 | 53.773 | 35.48 | 4.12 | 62.9 | 0.374 | 10 | 1.4 | -2.3 | 11.6 |
| 4/21/2009 | 20:31:00 | 4/21/2009 20:31:00 | 26.89 | 53.971 | 35.63 | 3.78 | 57.8 | 0.376 | 13.5 | 1.9 | -2.4 | 11.6 |
| 4/21/2009 | 20:46:00 | 4/21/2009 20:46:00 | 26.95 | 54.008 | 35.65 | 3.73 | 57 | 0.385 | 5 | 0.7 | -0.7 | 11.5 |
| 4/21/2009 | 21:01:00 | 4/21/2009 21:01:00 | 26.84 | 54.578 | 36.08 | 3.88 | 59.5 | 0.393 | 4.4 | 0.6 | -2.1 | 11.6 |
| 4/21/2009 | 21:16:00 | 4/21/2009 21:16:00 | 26.82 | 55.289 | 36.61 | 4.03 | 61.8 | 0.404 | 5.8 | 0.8 | -1.3 | 11.6 |
| 4/21/2009 | 21:31:00 | 4/21/2009 21:31:00 | 26.65 | 55.406 | 36.7 | 4.11 | 63 | 0.412 | 4.8 | 0.7 | -1.3 | 11.5 |
| 4/21/2009 | 21:46:00 | 4/21/2009 21:46:00 | 26.49 | 55.109 | 36.48 | 4.04 | 61.6 | 0.425 | 5.9 | 0. | | |

Vester Marine and Environmental Science Research Field Station
YSI 6600 sonde - Water conditions - Data
From 04 17 2009 to 05 01 2009

| Date M/D/Y | Time hh:mm:ss | Date Time M/D/Y hh:mm:ss | Temp C | SpCond mS/cm | Salinity ppt | DO Conc mg/L | DO% % | Depth m | Chlorophyll ug/L | Chlorophyll RFU | Turbidity+ NTU | Battery V |
|---------------|------------------|-----------------------------|-----------|-----------------|-----------------|-----------------|----------|------------|---------------------|--------------------|-------------------|--------------|
| 4/21/2009 | 23:01:00 | 4/21/2009 23:01:00 | 25.64 | 54.385 | 35.97 | 4.02 | 60.3 | 0.504 | 7.3 | 1 | -2.2 | 11.5 |
| 4/21/2009 | 23:16:00 | 4/21/2009 23:16:00 | 25.57 | 54.308 | 35.91 | 4.22 | 63.2 | 0.521 | 6.5 | 0.9 | -1.9 | 11.5 |
| 4/21/2009 | 23:31:00 | 4/21/2009 23:31:00 | 25.55 | 54.287 | 35.9 | 4.14 | 62 | 0.539 | 6 | 0.9 | -1.6 | 11.6 |
| 4/21/2009 | 23:46:00 | 4/21/2009 23:46:00 | 25.04 | 53.49 | 35.32 | 4.18 | 61.8 | 0.556 | 9.7 | 1.4 | -1.8 | 11.5 |
| 4/22/2009 | 00:01:00 | 4/22/2009 00:01:00 | 25.12 | 53.237 | 35.12 | 4.14 | 61.3 | 0.574 | 9.9 | 1.4 | -1.6 | 11.5 |
| 4/22/2009 | 00:16:00 | 4/22/2009 00:16:00 | 25.15 | 52.967 | 34.92 | 4.16 | 61.5 | 0.594 | 15 | 2.1 | -1.5 | 11.6 |
| 4/22/2009 | 00:31:00 | 4/22/2009 00:31:00 | 25.17 | 52.801 | 34.8 | 3.94 | 58.3 | 0.608 | 13.7 | 2 | -1.3 | 11.6 |
| 4/22/2009 | 00:46:00 | 4/22/2009 00:46:00 | 25.21 | 52.506 | 34.58 | 3.82 | 56.4 | 0.625 | 15.6 | 2.2 | -0.9 | 11.6 |
| 4/22/2009 | 01:01:00 | 4/22/2009 01:01:00 | 25.1 | 52.187 | 34.35 | 3.7 | 54.6 | 0.638 | 5.3 | 0.8 | -0.8 | 11.6 |
| 4/22/2009 | 01:16:00 | 4/22/2009 01:16:00 | 24.97 | 51.985 | 34.2 | 3.77 | 55.4 | 0.651 | 7.2 | 1 | -0.7 | 11.5 |
| 4/22/2009 | 01:31:00 | 4/22/2009 01:31:00 | 24.8 | 51.942 | 34.17 | 3.78 | 55.4 | 0.658 | 5.4 | 0.8 | -1.3 | 11.6 |
| 4/22/2009 | 01:46:00 | 4/22/2009 01:46:00 | 24.75 | 51.929 | 34.16 | 3.68 | 53.8 | 0.663 | 5.8 | 0.8 | -1.3 | 11.5 |
| 4/22/2009 | 02:01:00 | 4/22/2009 02:01:00 | 24.65 | 51.924 | 34.16 | 3.79 | 55.4 | 0.66 | 7.2 | 1 | -0.5 | 11.6 |
| 4/22/2009 | 02:16:00 | 4/22/2009 02:16:00 | 24.57 | 51.852 | 34.11 | 3.77 | 54.9 | 0.65 | 6.7 | 1 | -1.7 | 11.5 |
| 4/22/2009 | 02:31:00 | 4/22/2009 02:31:00 | 24.72 | 51.866 | 34.12 | 3.75 | 54.8 | 0.642 | 8.1 | 1.2 | -0.9 | 11.6 |
| 4/22/2009 | 02:46:00 | 4/22/2009 02:46:00 | 25.19 | 52.342 | 34.46 | 3.04 | 44.9 | 0.632 | 14.8 | 2.1 | -0.3 | 11.5 |
| 4/22/2009 | 03:01:00 | 4/22/2009 03:01:00 | 25.67 | 53.805 | 35.53 | 2.68 | 40.2 | 0.621 | 3.4 | 0.5 | -1.5 | 11.6 |
| 4/22/2009 | 03:16:00 | 4/22/2009 03:16:00 | 25.3 | 53.032 | 34.97 | 2.98 | 44.3 | 0.612 | 6.4 | 0.9 | -2 | 11.6 |
| 4/22/2009 | 03:31:00 | 4/22/2009 03:31:00 | 25.26 | 53.043 | 34.98 | 3.03 | 45 | 0.6 | 24.2 | 3.5 | -1.3 | 11.6 |
| 4/22/2009 | 03:46:00 | 4/22/2009 03:46:00 | 25.19 | 53.186 | 35.09 | 2.98 | 44.2 | 0.589 | 7.3 | 1 | -0.8 | 11.6 |
| 4/22/2009 | 04:01:00 | 4/22/2009 04:01:00 | 25.23 | 52.935 | 34.9 | 2.56 | 38 | 0.578 | 9.7 | 1.4 | -2.1 | 11.5 |
| 4/22/2009 | 04:16:00 | 4/22/2009 04:16:00 | 25.23 | 52.805 | 34.8 | 3.2 | 47.3 | 0.565 | 8 | 1.1 | -2.4 | 11.5 |
| 4/22/2009 | 04:31:00 | 4/22/2009 04:31:00 | 25.14 | 52.826 | 34.82 | 2.45 | 36.2 | 0.553 | 9.4 | 1.3 | -3.3 | 11.6 |
| 4/22/2009 | 04:46:00 | 4/22/2009 04:46:00 | 25.08 | 52.735 | 34.75 | 2.44 | 36.1 | 0.542 | 8.6 | 1.2 | -3.1 | 11.5 |
| 4/22/2009 | 05:01:00 | 4/22/2009 05:01:00 | 25.11 | 52.841 | 34.83 | 2.67 | 39.5 | 0.529 | 7.2 | 1 | -2.7 | 11.5 |
| 4/22/2009 | 05:16:00 | 4/22/2009 05:16:00 | 25.17 | 52.836 | 34.83 | 2.58 | 38.2 | 0.516 | 27.9 | 4 | -1 | 11.6 |
| 4/22/2009 | 05:31:00 | 4/22/2009 05:31:00 | 25.25 | 52.848 | 34.83 | 2.77 | 41.1 | 0.507 | 14.1 | 2 | 0 | 11.5 |
| 4/22/2009 | 05:46:00 | 4/22/2009 05:46:00 | 25.2 | 52.608 | 34.66 | 2.7 | 40 | 0.498 | 11.3 | 1.6 | -0.9 | 11.5 |
| 4/22/2009 | 06:01:00 | 4/22/2009 06:01:00 | 25.26 | 53.013 | 34.96 | 2.96 | 43.9 | 0.487 | 23.2 | 3.3 | -0.9 | 11.5 |
| 4/22/2009 | 06:16:00 | 4/22/2009 06:16:00 | 25.12 | 53.181 | 35.08 | 2.92 | 43.2 | 0.477 | 11.7 | 1.7 | -1.5 | 11.5 |
| 4/22/2009 | 06:31:00 | 4/22/2009 06:31:00 | 25.06 | 53.089 | 35.02 | 3.05 | 45.1 | 0.466 | 8.1 | 1.2 | 0.2 | 11.6 |
| 4/22/2009 | 06:46:00 | 4/22/2009 06:46:00 | 25.19 | 53.392 | 35.24 | 2.68 | 39.7 | 0.459 | 7.4 | 1.1 | -0.1 | 11.5 |
| 4/22/2009 | 07:01:00 | 4/22/2009 07:01:00 | 24.87 | 53.206 | 35.11 | 2.83 | 41.8 | 0.45 | 11 | 1.6 | -1.1 | 11.6 |
| 4/22/2009 | 07:16:00 | 4/22/2009 07:16:00 | 24.87 | 53.298 | 35.18 | 2.54 | 37.5 | 0.441 | 4.8 | 0.7 | -0.2 | 11.5 |
| 4/22/2009 | 07:31:00 | 4/22/2009 07:31:00 | 24.93 | 53.263 | 35.15 | 2.66 | 39.2 | 0.434 | 13.6 | 2 | -1.6 | 11.5 |
| 4/22/2009 | 07:46:00 | 4/22/2009 07:46:00 | 24.87 | 53.773 | 35.53 | 2.52 | 37.2 | 0.428 | 11.2 | 1.6 | -1.5 | 11.6 |
| 4/22/2009 | 08:01:00 | 4/22/2009 08:01:00 | 24.97 | 53.783 | 35.53 | 2.67 | 39.6 | 0.425 | 9.4 | 1.3 | -1.1 | 11.6 |
| 4/22/2009 | 08:16:00 | 4/22/2009 08:16:00 | 24.89 | 53.714 | 35.48 | 2.57 | 38 | 0.425 | 10.4 | 1.5 | -0.9 | 11.5 |
| 4/22/2009 | 08:31:00 | 4/22/2009 08:31:00 | 25.11 | 54.39 | 35.98 | 2.39 | 35.6 | 0.429 | 7.1 | 1 | -1.8 | 11.6 |
| 4/22/2009 | 08:46:00 | 4/22/2009 08:46:00 | 25.07 | 55.387 | 36.73 | 3.14 | 46.8 | 0.436 | 13.6 | 2 | -1.4 | 11.5 |
| 4/22/2009 | 09:01:00 | 4/22/2009 09:01:00 | 25.12 | 55.799 | 37.04 | 3.34 | 50.1 | 0.444 | 14.2 | 2 | -1.3 | 11.6 |
| 4/22/2009 | 09:16:00 | 4/22/2009 09:16:00 | 25.07 | 55.915 | 37.12 | 3.26 | 48.8 | 0.455 | 12.3 | 1.8 | -1.9 | 11.5 |
| 4/22/2009 | 09:31:00 | 4/22/2009 09:31:00 | 25.02 | 55.575 | 36.87 | 3.41 | 50.9 | 0.467 | 7.1 | 1 | 3.7 | 11.5 |
| 4/22/2009 | 09:46:00 | 4/22/2009 09:46:00 | 24.94 | 55.489 | 36.81 | 3.49 | 52 | 0.48 | 7.7 | 1.1 | -2 | 11.5 |
| 4/22/2009 | 10:01:00 | 4/22/2009 10:01:00 | 25.05 | 55.655 | 36.93 | 3.48 | 51.9 | 0.493 | 8.3 | 1.2 | -2.1 | 11.6 |
| 4/22/2009 | 10:16:00 | 4/22/2009 10:16:00 | 24.89 | 55.064 | 36.49 | 3.53 | 52.5 | 0.507 | 8 | 1.1 | -0.8 | 11.5 |
| 4/22/2009 | 10:31:00 | 4/22/2009 10:31:00 | 24.86 | 54.91 | 36.38 | 3.56 | 52.8 | 0.525 | 6.4 | 0.9 | -0.7 | 11.6 |
| 4/22/2009 | 10:46:00 | 4/22/2009 10:46:00 | 24.77 | 54.392 | 35.99 | 3.62 | 53.5 | 0.54 | 5.7 | 0.8 | -1.6 | 11.5 |
| 4/22/2009 | 11:01:00 | 4/22/2009 11:01:00 | 25.06 | 54.439 | 36.02 | 3.81 | 56.6 | 0.559 | 6.9 | 1 | 2.2 | 11.6 |
| 4/22/2009 | 11:16:00 | 4/22/2009 11:16:00 | 24.88 | 53.905 | 35.63 | 3.67 | 54.2 | 0.576 | 7.2 | 1 | -1 | 11.6 |
| 4/22/2009 | 11:31:00 | 4/22/2009 11:31:00 | 24.92 | 53.639 | 35.43 | 3.7 | 54.7 | 0.596 | 8.6 | 1.2 | -1.3 | 11.6 |
| 4/22/2009 | 11:46:00 | 4/22/2009 11:46:00 | 25.16 | 53.645 | 35.43 | 3.86 | 57.3 | 0.615 | 10.2 | 1.5 | -0.8 | 11.5 |
| 4/22/2009 | 12:01:00 | 4/22/2009 12:01:00 | 25.2 | 53.49 | 35.31 | 3.7 | 55 | 0.633 | 9.9 | 1.4 | -1.1 | 11.6 |
| 4/22/2009 | 12:16:00 | 4/22/2009 12:16:00 | 25.49 | 53.376 | 35.22 | 3.86 | 57.5 | 0.649 | 10.1 | 1.4 | 11.5 | 11.5 |
| 4/22/2009 | 12:31:00 | 4/22/2009 12:31:00 | 25.54 | 52.895 | 34.86 | 3.87 | 57.6 | 0.665 | 7.2 | 1 | 0.1 | 11.6 |
| 4/22/2009 | 12:46:00 | 4/22/2009 12:46:00 | 25.64 | 52.849 | 34.83 | 3.88 | 57.8 | 0.674 | 8.3 | 1.2 | 0.7 | 11.5 |
| 4/22/2009 | 13:01:00 | 4/22/2009 13:01:00 | 25.75 | 52.368 | 34.47 | 4 | 59.6 | 0.684 | 8.6 | 1.2 | 0.7 | 11.5 |
| 4/22/2009 | 13:16:00 | 4/22/2009 13:16:00 | 25.8 | 52.557 | 34.6 | 3.98 | 59.4 | 0.69 | 9.6 | 1.4 | -0.2 | 11.6 |
| 4/22/2009 | 13:31:00 | 4/22/2009 13:31:00 | 25.9 | 52.507 | 34.56 | 4.07 | 60.9 | 0.69 | 11.2 | 1.6 | 0.5 | 11.5 |
| 4/22/2009 | 13:46:00 | 4/22/2009 13:46:00 | 25.99 | 52.477 | 34.54 | 4.16 | 62.3 | 0.688 | 8.2 | 1.2 | 0.1 | 11.6 |
| 4/22/2009 | 14:01:00 | 4/22/2009 14:01:00 | 26.12 | 52.426 | 34.5 | 4.35 | 65.3 | 0.674 | 10.1 | 1.4 | 0.6 | 11.6 |
| 4/22/2009 | 14:16:00 | 4/22/2009 14:16:00 | 26.21 | 52.438 | 34.51 | 4.31 | 64.8 | 0.666 | 10.4 | 1.5 | 0.3 | 11.5 |
| 4/22/2009 | 14:31:00 | 4/22/2009 14:31:00 | 26.24 | 52.446 | 34.51 | 4.44 | 66.7 | 0.657 | 12.4 | 1.8 | 1 | 11.6 |
| 4/22/2009 | 14:46:00 | 4/22/2009 14:46:00 | 26.37 | 52.568 | 34.6 | 4.72 | 71.2 | 0.644 | 18.2 | 2.6 | 4 | 11.5 |
| 4/22/2009 | 15:01:00 | 4/22/2009 15:01:00 | 26.37 | 52.611 | 34.63 | 4.73 | 71.4 | 0.635 | 29.9 | 4.3 | 0.9 | 11.6 |
| 4/22/2009 | 15:16:00 | 4/22/2009 15:16:00 | 26.36 | 52.576 | 34.6 | 4.62 | 69.7 | 0.622 | 17.5 | 2.5 | 0.2 | 11.5 |
| 4/22/2009 | 15:31:00 | 4/22/2009 15:31:00 | 26.49 | 52.64 | 34.65 | 4.67 | 70.6 | 0.61 | 17.9 | 2.6 | 0.5 | 11.5 |
| 4/22/2009 | 15:46:00 | 4/22/2009 15:46:00 | 26.58 | 52.768 | 34.74 | 5.03 | 76.1 | 0.596 | 55.2 | 7.9 | 0 | 11.5 |
| 4/22/2009 | 16:01:00 | 4/22/2009 16:01:00 | 26.61 | 52.649 | 34.65 | 5 | 75.7 | 0.578 | 27.2 | 3.9 | 3.4 | 11.6 |
| 4/22/2009 | 16:16:00 | 4/22/2009 16:16:00 | 26.84 | 52.871 | 34.81 | 5.25 | 79.8 | 0.569 | 38.9 | 5.6 | 0.8 | 11.5 |
| 4/22/2009 | 16:31:00 | 4/22/2009 16:31:00 | 26.97 | 53.108 | 34.98 | 5.54 | 84.6 | 0.552 | 47.3 | 6.8 | 0.4 | 11.5 |
| 4/22/2009 | 16:46:00 | 4/22/2009 16:46:00 | 26.86 | 53.136 | 35.01 | 5.35 | 81.5 | 0.539 | 61 | 8.7 | -0.5 | 11.5 |
| 4/22/2009 | 17:01:00 | 4/22/2009 17:01:00 | 27.13 | 53.487 | 35.26 | 5.72 | 87.7 | 0.522 | 28 | 4 | -0.8 | 11.5 |
| 4/22/2009 | 17:16:00 | 4/22/2009 17:16:00 | 27.02 | 53.291 | 35.12 | 5.42 | 82.8 | 0.508 | 34.5 | 4.9 | 5.1 | 11.6 |
| 4/22/2009 | 17:31:00 | 4/22/2009 17:31:00 | 27.14 | 54.156 | 35.75 | 5.46 | 83.9 | 0.497 | 28 | 4 | -0.3 | 11.5 |
| 4/22/2009 | 17:46:00 | 4/22/2009 17:46:00 | 27.23 | 53.826 | 35.51 | 5.32 | 81.8 | 0.485 | 44 | 6.3 | 0.1 | 11.5 |
| 4/22/2009 | 18:01:00 | 4/22/2009 18:01:00 | 27.13 | 53.623 | 35.36 | 5.08 | 77.9 | 0.471 | 21 | 3 | -0.4 | 11.6 |
| 4/22/2009 | 18:16:00 | 4/22/2009 18:16:00 | 27.16 | 53.591 | 35.34 | 5.05 | 77.5 | 0.459 | 18.5 | 2.6 | -0.7 | 11.6 |
| 4/22/2009 | 18:31:00 | 4/22/2009 18:31:00 | 27.12 | 53.547 | 35.3 | 5.1 | 78.2 | 0.448 | 12 | 1.7 | -1.1 | 11.5 |
| 4/22/2009 | 18:46:00 | 4/22/2009 18:46:00 | 27.14 | 53.794 | 35.49 | 5.11 | 78.4 | 0.438 | 16.1 | 2.3 | -0.4 | 11.5 |
| 4/22/2009 | 19:01:00 | 4/22/2009 19:01:00 | 27.22 | 53.893 | 35.56 | 5.14 | 79.1 | 0.427 | 11.9 | 1.7 | -1.6 | 11.5 |
| 4/22/2009 | 19:16:00 | 4/22/2009 19:16:00 | 27.22 | 53.905 | 35.57 | 4.8 | 73.8 | 0.415 | 15.3 | 2.2 | -0.8 | 11.5 |
| 4/22/2009 | 19:31:00 | 4/22/2009 19:31:00 | 27.14 | 53.871 | 35.54 | 4.74 | 72.7 | 0. | | | | |

Vester Marine and Environmental Science Research Field Station
YSI 6600 sonde - Water conditions - Data
From 04 17 2009 to 05 01 2009

| Date M/D/Y | Time hh:mm:ss | Date Time M/D/Y hh:mm:ss | Temp C | SpCond mS/cm | Salinity ppt | DO Conc mg/L | DO% % | Depth m | Chlorophyll ug/L | Chlorophyll RFU | Turbidity+ NTU | Battery V |
|---------------|------------------|-----------------------------|-----------|-----------------|-----------------|-----------------|----------|------------|---------------------|--------------------|-------------------|--------------|
| 4/22/2009 | 20:46:00 | 4/22/2009 20:46:00 | 26.52 | 53.855 | 35.55 | 4.78 | 72.6 | 0.359 | 6 | 0.9 | -2.2 | 11.5 |
| 4/22/2009 | 21:01:00 | 4/22/2009 21:01:00 | 26.5 | 53.877 | 35.57 | 4.77 | 72.4 | 0.352 | 4.8 | 0.7 | -2.1 | 11.6 |
| 4/22/2009 | 21:16:00 | 4/22/2009 21:16:00 | 26.46 | 53.887 | 35.57 | 4.67 | 70.9 | 0.351 | 7.5 | 1.1 | -2.4 | 11.6 |
| 4/22/2009 | 21:31:00 | 4/22/2009 21:31:00 | 26.44 | 53.855 | 35.55 | 4.58 | 69.6 | 0.352 | 8.6 | 1.2 | -1.6 | 11.5 |
| 4/22/2009 | 21:46:00 | 4/22/2009 21:46:00 | 26.39 | 53.933 | 35.61 | 4.36 | 66.1 | 0.358 | 7.6 | 1.1 | -2.4 | 11.5 |
| 4/22/2009 | 22:01:00 | 4/22/2009 22:01:00 | 26.51 | 54.813 | 36.26 | 4.39 | 66.9 | 0.365 | 7.1 | 1 | 3.8 | 11.6 |
| 4/22/2009 | 22:16:00 | 4/22/2009 22:16:00 | 26.45 | 55.114 | 36.49 | 4.34 | 66.2 | 0.375 | 10.9 | 1.6 | 0.4 | 11.5 |
| 4/22/2009 | 22:31:00 | 4/22/2009 22:31:00 | 26.38 | 55.476 | 36.76 | 4.03 | 61.6 | 0.382 | 16.1 | 2.3 | -0.7 | 11.6 |
| 4/22/2009 | 22:46:00 | 4/22/2009 22:46:00 | 26.28 | 55.454 | 36.75 | 3.95 | 60.3 | 0.394 | 13 | 1.9 | 0.7 | 11.6 |
| 4/22/2009 | 23:01:00 | 4/22/2009 23:01:00 | 26.11 | 55.134 | 36.51 | 4.3 | 65.3 | 0.404 | 11.2 | 1.6 | -1 | 11.5 |
| 4/22/2009 | 23:16:00 | 4/22/2009 23:16:00 | 26.04 | 55.075 | 36.47 | 3.83 | 58 | 0.419 | 10.2 | 1.5 | -1 | 11.5 |
| 4/22/2009 | 23:31:00 | 4/22/2009 23:31:00 | 25.93 | 54.686 | 36.18 | 3.9 | 58.9 | 0.432 | 7.2 | 1 | -1.9 | 11.6 |
| 4/22/2009 | 23:46:00 | 4/22/2009 23:46:00 | 25.74 | 54.511 | 36.06 | 4.28 | 64.4 | 0.444 | 13.5 | 1.9 | -1.1 | 11.5 |
| 4/23/2009 | 00:01:00 | 4/23/2009 00:01:00 | 25.78 | 54.49 | 36.04 | 4.01 | 60.4 | 0.46 | 6.5 | 0.9 | -1.7 | 11.6 |
| 4/23/2009 | 00:16:00 | 4/23/2009 00:16:00 | 25.57 | 54.469 | 36.03 | 4.04 | 60.7 | 0.477 | 10.6 | 1.5 | -0.7 | 11.6 |
| 4/23/2009 | 00:31:00 | 4/23/2009 00:31:00 | 25.66 | 54.342 | 35.93 | 3.93 | 59 | 0.493 | 7.9 | 1.1 | -1.3 | 11.5 |
| 4/23/2009 | 00:46:00 | 4/23/2009 00:46:00 | 25.39 | 53.618 | 35.4 | 4.12 | 61.4 | 0.509 | 7.3 | 1 | -1.5 | 11.5 |
| 4/23/2009 | 01:01:00 | 4/23/2009 01:01:00 | 25.32 | 52.927 | 34.89 | 4.03 | 59.8 | 0.527 | 13.2 | 1.9 | -1 | 11.5 |
| 4/23/2009 | 01:16:00 | 4/23/2009 01:16:00 | 25.3 | 52.684 | 34.71 | 3.91 | 58 | 0.544 | 12.8 | 1.8 | -0.5 | 11.5 |
| 4/23/2009 | 01:31:00 | 4/23/2009 01:31:00 | 25.22 | 52.041 | 34.24 | 3.78 | 55.7 | 0.559 | 25.6 | 3.7 | -0.7 | 11.6 |
| 4/23/2009 | 01:46:00 | 4/23/2009 01:46:00 | 25.23 | 51.735 | 34.01 | 3.72 | 54.8 | 0.571 | 24.2 | 3.5 | -0.7 | 11.5 |
| 4/23/2009 | 02:01:00 | 4/23/2009 02:01:00 | 25.21 | 51.569 | 33.89 | 3.74 | 55 | 0.583 | 11.8 | 1.7 | -1.5 | 11.5 |
| 4/23/2009 | 02:16:00 | 4/23/2009 02:16:00 | 25.18 | 51.538 | 33.87 | 3.44 | 50.6 | 0.591 | 18.9 | 2.7 | -2 | 11.5 |
| 4/23/2009 | 02:31:00 | 4/23/2009 02:31:00 | 24.86 | 51.404 | 33.77 | 3.58 | 52.3 | 0.593 | 8.4 | 1.2 | -0.5 | 11.5 |
| 4/23/2009 | 02:46:00 | 4/23/2009 02:46:00 | 24.95 | 51.459 | 33.81 | 3.44 | 50.4 | 0.592 | 14.9 | 2.1 | -1 | 11.5 |
| 4/23/2009 | 03:01:00 | 4/23/2009 03:01:00 | 24.9 | 51.451 | 33.81 | 3.53 | 51.7 | 0.581 | 12.5 | 1.8 | -1.1 | 11.5 |
| 4/23/2009 | 03:16:00 | 4/23/2009 03:16:00 | 24.86 | 51.596 | 33.92 | 3.42 | 50.1 | 0.573 | 16.9 | 2.4 | -1.1 | 11.5 |
| 4/23/2009 | 03:31:00 | 4/23/2009 03:31:00 | 25.05 | 51.617 | 33.93 | 2.96 | 43.4 | 0.564 | 19 | 2.7 | -1.1 | 11.5 |
| 4/23/2009 | 03:46:00 | 4/23/2009 03:46:00 | 25.45 | 52.303 | 34.43 | 3.13 | 46.4 | 0.556 | 24.3 | 3.5 | -0.2 | 11.5 |
| 4/23/2009 | 04:01:00 | 4/23/2009 04:01:00 | 25.43 | 52.954 | 34.91 | 3.12 | 46.3 | 0.545 | 53.9 | 7.7 | 0 | 11.5 |
| 4/23/2009 | 04:16:00 | 4/23/2009 04:16:00 | 25.45 | 52.734 | 34.74 | 3.33 | 49.4 | 0.535 | 23.2 | 3.3 | -1.9 | 11.5 |
| 4/23/2009 | 04:31:00 | 4/23/2009 04:31:00 | 25.35 | 52.426 | 34.52 | 3.42 | 50.7 | 0.524 | 29.3 | 4.2 | -2.5 | 11.6 |
| 4/23/2009 | 04:46:00 | 4/23/2009 04:46:00 | 25.22 | 52.171 | 34.33 | 3.43 | 50.7 | 0.515 | 18.3 | 2.6 | -2.4 | 11.6 |
| 4/23/2009 | 05:01:00 | 4/23/2009 05:01:00 | 25.02 | 51.84 | 34.09 | 2.8 | 41.1 | 0.507 | 72.6 | 10.4 | -1.7 | 11.5 |
| 4/23/2009 | 05:16:00 | 4/23/2009 05:16:00 | 24.88 | 51.947 | 34.17 | 3.28 | 48 | 0.496 | 38.1 | 5.5 | -2.1 | 11.5 |
| 4/23/2009 | 05:31:00 | 4/23/2009 05:31:00 | 24.99 | 51.759 | 34.03 | 3.26 | 47.8 | 0.485 | 41.8 | 6 | -1.5 | 11.5 |
| 4/23/2009 | 05:46:00 | 4/23/2009 05:46:00 | 25.32 | 51.997 | 34.2 | 2.9 | 42.8 | 0.474 | 41.1 | 5.9 | -0.4 | 11.5 |
| 4/23/2009 | 06:01:00 | 4/23/2009 06:01:00 | 25.35 | 52.527 | 34.59 | 3.44 | 51 | 0.464 | 24.1 | 3.4 | -1.2 | 11.5 |
| 4/23/2009 | 06:16:00 | 4/23/2009 06:16:00 | 25.45 | 52.684 | 34.71 | 3.05 | 45.3 | 0.454 | 15.4 | 2.2 | -1.5 | 11.5 |
| 4/23/2009 | 06:31:00 | 4/23/2009 06:31:00 | 25.31 | 52.336 | 34.45 | 2.86 | 42.3 | 0.446 | 46.5 | 6.7 | -1 | 11.5 |
| 4/23/2009 | 06:46:00 | 4/23/2009 06:46:00 | 24.99 | 52.685 | 34.72 | 2.6 | 38.3 | 0.436 | 31.2 | 4.5 | -1.3 | 11.5 |
| 4/23/2009 | 07:01:00 | 4/23/2009 07:01:00 | 24.97 | 52.509 | 34.59 | 3.02 | 44.4 | 0.428 | 15.5 | 2.2 | -1.2 | 11.5 |
| 4/23/2009 | 07:16:00 | 4/23/2009 07:16:00 | 25.03 | 52.794 | 34.8 | 2.85 | 42 | 0.419 | 9.3 | 1.3 | -0.5 | 11.5 |
| 4/23/2009 | 07:31:00 | 4/23/2009 07:31:00 | 24.92 | 53.062 | 35 | 2.71 | 40 | 0.412 | 25.7 | 3.7 | -1.6 | 11.5 |
| 4/23/2009 | 07:46:00 | 4/23/2009 07:46:00 | 24.96 | 52.968 | 34.93 | 2.73 | 40.3 | 0.405 | 30.7 | 4.4 | -1.5 | 11.5 |
| 4/23/2009 | 08:01:00 | 4/23/2009 08:01:00 | 24.97 | 52.989 | 34.94 | 2.69 | 39.7 | 0.399 | 28.7 | 4.1 | -0.9 | 11.6 |
| 4/23/2009 | 08:16:00 | 4/23/2009 08:16:00 | 25.3 | 53.493 | 35.31 | 2.82 | 41.9 | 0.393 | 22.1 | 3.2 | -1.7 | 11.5 |
| 4/23/2009 | 08:31:00 | 4/23/2009 08:31:00 | 25.18 | 53.418 | 35.26 | 2.89 | 42.9 | 0.387 | 33.1 | 4.7 | -1.9 | 11.5 |
| 4/23/2009 | 08:46:00 | 4/23/2009 08:46:00 | 25.41 | 53.812 | 35.55 | 2.55 | 38.1 | 0.386 | 26.8 | 3.8 | -1.6 | 11.5 |
| 4/23/2009 | 09:01:00 | 4/23/2009 09:01:00 | 25.5 | 54.072 | 35.74 | 2.42 | 36.1 | 0.391 | 33.8 | 4.8 | -0.8 | 11.5 |
| 4/23/2009 | 09:16:00 | 4/23/2009 09:16:00 | 25.58 | 54.961 | 36.4 | 2.56 | 38.5 | 0.398 | 8.6 | 1.2 | -0.8 | 11.5 |
| 4/23/2009 | 09:31:00 | 4/23/2009 09:31:00 | 25.48 | 55.322 | 36.67 | 3.49 | 52.4 | 0.406 | 20.1 | 2.9 | -1.6 | 11.5 |
| 4/23/2009 | 09:46:00 | 4/23/2009 09:46:00 | 25.4 | 55.27 | 36.63 | 3.41 | 51.2 | 0.417 | 18.7 | 2.7 | -1.8 | 11.5 |
| 4/23/2009 | 10:01:00 | 4/23/2009 10:01:00 | 25.31 | 55.366 | 36.71 | 3.57 | 53.5 | 0.429 | 15.6 | 2.2 | -1.3 | 11.5 |
| 4/23/2009 | 10:16:00 | 4/23/2009 10:16:00 | 25.27 | 55.385 | 36.72 | 3.66 | 54.8 | 0.442 | 23.6 | 3.4 | -1 | 11.5 |
| 4/23/2009 | 10:31:00 | 4/23/2009 10:31:00 | 25.38 | 55.101 | 36.51 | 3.65 | 54.7 | 0.454 | 17.6 | 2.5 | -2.2 | 11.6 |
| 4/23/2009 | 10:46:00 | 4/23/2009 10:46:00 | 25.32 | 54.98 | 36.42 | 3.63 | 54.3 | 0.47 | 20.6 | 2.9 | -1.8 | 11.5 |
| 4/23/2009 | 11:01:00 | 4/23/2009 11:01:00 | 25.42 | 54.431 | 36.01 | 3.45 | 51.5 | 0.485 | 15.2 | 2.2 | -2.1 | 11.5 |
| 4/23/2009 | 11:16:00 | 4/23/2009 11:16:00 | 25.4 | 54.229 | 35.86 | 3.74 | 55.9 | 0.499 | 11 | 1.6 | -1.7 | 11.5 |
| 4/23/2009 | 11:31:00 | 4/23/2009 11:31:00 | 25.6 | 53.562 | 35.35 | 3.91 | 58.4 | 0.518 | 6.3 | 0.9 | -2.1 | 11.5 |
| 4/23/2009 | 11:46:00 | 4/23/2009 11:46:00 | 25.56 | 53.622 | 35.4 | 3.71 | 55.5 | 0.534 | 8.3 | 1.2 | -1.5 | 11.5 |
| 4/23/2009 | 12:01:00 | 4/23/2009 12:01:00 | 25.82 | 53.083 | 34.99 | 4.28 | 64.1 | 0.552 | 8 | 1.1 | -1.2 | 11.6 |
| 4/23/2009 | 12:16:00 | 4/23/2009 12:16:00 | 25.85 | 53.171 | 35.06 | 4.26 | 63.8 | 0.572 | 8.4 | 1.2 | 0.3 | 11.5 |
| 4/23/2009 | 12:31:00 | 4/23/2009 12:31:00 | 25.97 | 52.818 | 34.79 | 4.42 | 66.2 | 0.59 | 11.7 | 1.7 | -0.4 | 11.5 |
| 4/23/2009 | 12:46:00 | 4/23/2009 12:46:00 | 26.16 | 52.41 | 34.49 | 4.59 | 68.9 | 0.609 | 11.2 | 1.6 | -1 | 11.5 |
| 4/23/2009 | 13:01:00 | 4/23/2009 13:01:00 | 26.31 | 52.391 | 34.47 | 4.42 | 66.5 | 0.625 | 14.9 | 2.1 | -1 | 11.5 |
| 4/23/2009 | 13:16:00 | 4/23/2009 13:16:00 | 26.31 | 52.369 | 34.45 | 4.21 | 63.4 | 0.642 | 28.2 | 4 | 0 | 11.6 |
| 4/23/2009 | 13:31:00 | 4/23/2009 13:31:00 | 26.34 | 52.427 | 34.49 | 4.19 | 63 | 0.66 | 21.5 | 3.1 | -0.6 | 11.5 |
| 4/23/2009 | 13:46:00 | 4/23/2009 13:46:00 | 26.58 | 51.999 | 34.17 | 4.43 | 66.8 | 0.67 | 16.8 | 2.4 | 0.6 | 11.5 |
| 4/23/2009 | 14:01:00 | 4/23/2009 14:01:00 | 26.54 | 52.192 | 34.31 | 4.35 | 65.6 | 0.679 | 42.1 | 6 | 0.9 | 11.6 |
| 4/23/2009 | 14:16:00 | 4/23/2009 14:16:00 | 26.65 | 52.2 | 34.32 | 4.36 | 65.9 | 0.686 | 25.3 | 3.6 | 1.3 | 11.5 |
| 4/23/2009 | 14:31:00 | 4/23/2009 14:31:00 | 26.71 | 52.244 | 34.35 | 4.37 | 66.2 | 0.682 | 25 | 3.6 | 0.7 | 11.5 |
| 4/23/2009 | 14:46:00 | 4/23/2009 14:46:00 | 26.86 | 52.313 | 34.4 | 4.42 | 67.1 | 0.671 | 23.3 | 3.3 | 0.7 | 11.5 |
| 4/23/2009 | 15:01:00 | 4/23/2009 15:01:00 | 26.8 | 52.528 | 34.56 | 4.43 | 67.3 | 0.659 | 18.8 | 2.7 | 3.2 | 11.5 |
| 4/23/2009 | 15:16:00 | 4/23/2009 15:16:00 | 26.93 | 52.784 | 34.74 | 5.08 | 77.3 | 0.647 | 26 | 3.7 | 0.6 | 11.5 |
| 4/23/2009 | 15:31:00 | 4/23/2009 15:31:00 | 26.98 | 53.004 | 34.9 | 4.62 | 70.5 | 0.634 | 28.1 | 4 | 0.6 | 11.5 |
| 4/23/2009 | 15:46:00 | 4/23/2009 15:46:00 | 27.13 | 53.003 | 34.9 | 5.09 | 77.9 | 0.621 | 26.2 | 3.7 | -0.2 | 11.5 |
| 4/23/2009 | 16:01:00 | 4/23/2009 16:01:00 | 27.24 | 53.083 | 34.95 | 5.23 | 80.2 | 0.608 | 19.4 | 2.8 | 0 | 11.5 |
| 4/23/2009 | 16:16:00 | 4/23/2009 16:16:00 | 27.37 | 53.323 | 35.13 | 5.23 | 80.5 | 0.595 | 28.6 | 4.1 | -0.4 | 11.5 |
| 4/23/2009 | 16:31:00 | 4/23/2009 16:31:00 | 27.37 | 53.695 | 35.41 | 5.44 | 83.8 | 0.581 | 35.9 | 5.1 | 0.2 | 11.6 |
| 4/23/2009 | 16:46:00 | 4/23/2009 16:46:00 | 27.5 | 53.591 | 35.32 | 5.25 | 80.9 | 0.564 | 15.6 | 2.2 | -1.7 | 11.5 |
| 4/23/2009 | 17:01:00 | 4/23/2009 17:01:00 | 27.53 | 53.606 | 35.33 | 5.3 | 81.8 | 0.558 | 18.7 | 2.7 | -1 | 11.5 |
| 4/23/2009 | 17:16:00 | 4/23/2009 17:16:00 | 27 | | | | | | | | | |

Vester Marine and Environmental Science Research Field Station
YSI 6600 sonde - Water conditions - Data
From 04 17 2009 to 05 01 2009

| Date M/D/Y | Time hh:mm:ss | Date Time M/D/Y hh:mm:ss | Temp C | SpCond mS/cm | Salinity ppt | DO Conc mg/L | DO% % | Depth m | Chlorophyll ug/L | Chlorophyll RFU | Turbidity+ NTU | Battery V |
|---------------|------------------|-----------------------------|-----------|-----------------|-----------------|-----------------|----------|------------|---------------------|--------------------|-------------------|--------------|
| 4/23/2009 | 18:31:00 | 4/23/2009 18:31:00 | 27.83 | 54.509 | 36 | 4.93 | 76.7 | 0.478 | 19.6 | 2.8 | -0.8 | 11.5 |
| 4/23/2009 | 18:46:00 | 4/23/2009 18:46:00 | 27.94 | 54.122 | 35.71 | 4.91 | 76.4 | 0.467 | 14.4 | 2.1 | 2.1 | 11.5 |
| 4/23/2009 | 19:01:00 | 4/23/2009 19:01:00 | 27.93 | 54.097 | 35.69 | 4.89 | 76.1 | 0.456 | 11.4 | 1.6 | -1.7 | 11.6 |
| 4/23/2009 | 19:16:00 | 4/23/2009 19:16:00 | 27.91 | 54.105 | 35.69 | 4.87 | 75.8 | 0.446 | 7.5 | 1.1 | -2.4 | 11.5 |
| 4/23/2009 | 19:31:00 | 4/23/2009 19:31:00 | 27.92 | 54.06 | 35.66 | 4.79 | 74.6 | 0.434 | 9.7 | 1.4 | -1.8 | 11.6 |
| 4/23/2009 | 19:46:00 | 4/23/2009 19:46:00 | 27.88 | 53.765 | 35.44 | 4.72 | 73.3 | 0.425 | 17.9 | 2.6 | -2.1 | 11.5 |
| 4/23/2009 | 20:01:00 | 4/23/2009 20:01:00 | 27.85 | 53.864 | 35.52 | 4.43 | 68.8 | 0.413 | 5.7 | 0.8 | -2 | 11.5 |
| 4/23/2009 | 20:16:00 | 4/23/2009 20:16:00 | 27.78 | 53.798 | 35.47 | 4.63 | 71.8 | 0.404 | 13.3 | 1.9 | 2.2 | 11.6 |
| 4/23/2009 | 20:31:00 | 4/23/2009 20:31:00 | 27.71 | 53.944 | 35.58 | 4.41 | 68.4 | 0.392 | 11.9 | 1.7 | -0.7 | 11.5 |
| 4/23/2009 | 20:46:00 | 4/23/2009 20:46:00 | 27.65 | 53.795 | 35.47 | 4.33 | 67 | 0.384 | 18 | 2.6 | -1.3 | 11.5 |
| 4/23/2009 | 21:01:00 | 4/23/2009 21:01:00 | 27.63 | 53.733 | 35.43 | 4.11 | 63.6 | 0.375 | 33.7 | 4.8 | -1.5 | 11.6 |
| 4/23/2009 | 21:16:00 | 4/23/2009 21:16:00 | 27.58 | 53.725 | 35.42 | 4.23 | 65.4 | 0.367 | 15.2 | 2.2 | -1.7 | 11.5 |
| 4/23/2009 | 21:31:00 | 4/23/2009 21:31:00 | 27.52 | 53.695 | 35.4 | 4.13 | 63.8 | 0.36 | 11.6 | 1.7 | -1 | 11.5 |
| 4/23/2009 | 21:46:00 | 4/23/2009 21:46:00 | 27.45 | 53.667 | 35.38 | 4.28 | 66 | 0.356 | 19.3 | 2.8 | -1.3 | 11.5 |
| 4/23/2009 | 22:01:00 | 4/23/2009 22:01:00 | 27.43 | 53.893 | 35.55 | 3.49 | 53.9 | 0.356 | 9.5 | 1.4 | -1.4 | 11.6 |
| 4/23/2009 | 22:16:00 | 4/23/2009 22:16:00 | 27.45 | 54.185 | 35.77 | 3.23 | 49.9 | 0.36 | 5.3 | 0.8 | -2.3 | 11.5 |
| 4/23/2009 | 22:31:00 | 4/23/2009 22:31:00 | 27.38 | 55.083 | 36.44 | 3.76 | 58.2 | 0.365 | 13.6 | 1.9 | -1.2 | 11.5 |
| 4/23/2009 | 22:46:00 | 4/23/2009 22:46:00 | 27.28 | 55.334 | 36.63 | 3.76 | 58.2 | 0.372 | 8.6 | 1.2 | -1.1 | 11.5 |
| 4/23/2009 | 23:01:00 | 4/23/2009 23:01:00 | 27.17 | 55.587 | 36.82 | 4.04 | 62.4 | 0.381 | 13.3 | 1.9 | -1.4 | 11.5 |
| 4/23/2009 | 23:16:00 | 4/23/2009 23:16:00 | 27.12 | 55.647 | 36.87 | 3.96 | 61.3 | 0.391 | 9.7 | 1.4 | -1.9 | 11.6 |
| 4/23/2009 | 23:31:00 | 4/23/2009 23:31:00 | 27.07 | 55.696 | 36.91 | 4.07 | 62.9 | 0.403 | 8 | 1.1 | -1.3 | 11.5 |
| 4/23/2009 | 23:46:00 | 4/23/2009 23:46:00 | 27.03 | 55.701 | 36.91 | 4.03 | 62.2 | 0.416 | 7 | 1 | -2.2 | 11.5 |
| 4/24/2009 | 00:01:00 | 4/24/2009 00:01:00 | 26.89 | 55.426 | 36.71 | 4.25 | 65.4 | 0.43 | 6.4 | 0.9 | -1.9 | 11.6 |
| 4/24/2009 | 00:16:00 | 4/24/2009 00:16:00 | 26.88 | 55.235 | 36.57 | 3.95 | 60.8 | 0.444 | 21.1 | 3 | -1.8 | 11.5 |
| 4/24/2009 | 00:31:00 | 4/24/2009 00:31:00 | 26.85 | 54.927 | 36.34 | 3.94 | 60.4 | 0.461 | 8.6 | 1.2 | -2.4 | 11.5 |
| 4/24/2009 | 00:46:00 | 4/24/2009 00:46:00 | 26.45 | 54.307 | 35.89 | 4.5 | 68.4 | 0.478 | 12 | 1.7 | -1.8 | 11.5 |
| 4/24/2009 | 01:01:00 | 4/24/2009 01:01:00 | 26.47 | 53.796 | 35.51 | 3.88 | 58.9 | 0.496 | 9.9 | 1.4 | -1.9 | 11.5 |
| 4/24/2009 | 01:16:00 | 4/24/2009 01:16:00 | 26.94 | 54.079 | 35.7 | 4.61 | 70.6 | 0.514 | 14.8 | 2.1 | -1.3 | 11.5 |
| 4/24/2009 | 01:31:00 | 4/24/2009 01:31:00 | 26.41 | 53.535 | 35.31 | 5.03 | 76.2 | 0.534 | 11.5 | 1.6 | -1.6 | 11.5 |
| 4/24/2009 | 01:46:00 | 4/24/2009 01:46:00 | 26.17 | 52.817 | 34.79 | 4.53 | 68.1 | 0.553 | 10.9 | 1.6 | -1.4 | 11.5 |
| 4/24/2009 | 02:01:00 | 4/24/2009 02:01:00 | 26.11 | 51.703 | 33.96 | 3.85 | 57.6 | 0.57 | 16.1 | 2.3 | -1.5 | 11.5 |
| 4/24/2009 | 02:16:00 | 4/24/2009 02:16:00 | 26.09 | 51.259 | 33.64 | 3.67 | 54.8 | 0.586 | 23.3 | 3.3 | -0.6 | 11.5 |
| 4/24/2009 | 02:31:00 | 4/24/2009 02:31:00 | 26.03 | 51.258 | 33.64 | 3.42 | 50.9 | 0.599 | 23.8 | 3.4 | -1.3 | 11.6 |
| 4/24/2009 | 02:46:00 | 4/24/2009 02:46:00 | 25.95 | 51.289 | 33.66 | 3.37 | 50.2 | 0.611 | 59.8 | 8.6 | -0.7 | 11.5 |
| 4/24/2009 | 03:01:00 | 4/24/2009 03:01:00 | 26.05 | 51.665 | 33.94 | 3.14 | 46.8 | 0.619 | 25.6 | 3.7 | -0.8 | 11.5 |
| 4/24/2009 | 03:16:00 | 4/24/2009 03:16:00 | 25.99 | 51.954 | 34.15 | 3.21 | 47.9 | 0.624 | 16.7 | 2.4 | -1.1 | 11.5 |
| 4/24/2009 | 03:31:00 | 4/24/2009 03:31:00 | 25.93 | 52.011 | 34.2 | 3.39 | 50.7 | 0.625 | 11 | 1.6 | -1.3 | 11.5 |
| 4/24/2009 | 03:46:00 | 4/24/2009 03:46:00 | 25.78 | 51.969 | 34.17 | 3.65 | 54.3 | 0.62 | 11.2 | 1.6 | -1.1 | 11.5 |
| 4/24/2009 | 04:01:00 | 4/24/2009 04:01:00 | 25.79 | 52.103 | 34.27 | 3.6 | 53.6 | 0.613 | 16.2 | 2.3 | -1.1 | 11.5 |
| 4/24/2009 | 04:16:00 | 4/24/2009 04:16:00 | 25.69 | 52.35 | 34.45 | 3.51 | 52.3 | 0.605 | 7.1 | 1 | -1.2 | 11.5 |
| 4/24/2009 | 04:31:00 | 4/24/2009 04:31:00 | 25.7 | 52.372 | 34.47 | 3.27 | 48.7 | 0.598 | 8.1 | 1.2 | -1.3 | 11.5 |
| 4/24/2009 | 04:46:00 | 4/24/2009 04:46:00 | 25.95 | 52.456 | 34.53 | 3.29 | 49.3 | 0.59 | 34.5 | 4.9 | 1 | 11.5 |
| 4/24/2009 | 05:01:00 | 4/24/2009 05:01:00 | 25.97 | 52.536 | 34.58 | 3.05 | 45.7 | 0.58 | 21 | 3 | -1.7 | 11.6 |
| 4/24/2009 | 05:16:00 | 4/24/2009 05:16:00 | 26.07 | 52.73 | 34.73 | 3.02 | 45.4 | 0.572 | 26.2 | 3.7 | -0.1 | 11.5 |
| 4/24/2009 | 05:31:00 | 4/24/2009 05:31:00 | 26.04 | 52.896 | 34.85 | 3.68 | 55.3 | 0.561 | 8.4 | 1.2 | -1.9 | 11.5 |
| 4/24/2009 | 05:46:00 | 4/24/2009 05:46:00 | 26.04 | 52.589 | 34.62 | 2.83 | 42.4 | 0.551 | 23.8 | 3.4 | -2.2 | 11.5 |
| 4/24/2009 | 06:01:00 | 4/24/2009 06:01:00 | 25.89 | 52.318 | 34.43 | 3.12 | 46.6 | 0.541 | 14.5 | 2.1 | -3.1 | 11.5 |
| 4/24/2009 | 06:16:00 | 4/24/2009 06:16:00 | 25.83 | 52.143 | 34.3 | 2.32 | 34.5 | 0.532 | 25.7 | 3.7 | -2.2 | 11.5 |
| 4/24/2009 | 06:31:00 | 4/24/2009 06:31:00 | 25.84 | 52.164 | 34.31 | 2.65 | 39.6 | 0.523 | 16.1 | 2.3 | -1.6 | 11.5 |
| 4/24/2009 | 06:46:00 | 4/24/2009 06:46:00 | 25.86 | 52.697 | 34.71 | 2.87 | 42.9 | 0.513 | 26.3 | 3.8 | -1.8 | 11.5 |
| 4/24/2009 | 07:01:00 | 4/24/2009 07:01:00 | 25.58 | 52.716 | 34.73 | 2.82 | 42 | 0.503 | 11.9 | 1.7 | -1.3 | 11.6 |
| 4/24/2009 | 07:16:00 | 4/24/2009 07:16:00 | 25.52 | 52.69 | 34.71 | 2.68 | 39.9 | 0.494 | 30.7 | 4.4 | -1.6 | 11.5 |
| 4/24/2009 | 07:31:00 | 4/24/2009 07:31:00 | 25.58 | 52.844 | 34.82 | 2.85 | 42.4 | 0.486 | 26.3 | 3.8 | -1.8 | 11.5 |
| 4/24/2009 | 07:46:00 | 4/24/2009 07:46:00 | 25.77 | 52.943 | 34.89 | 2.94 | 43.9 | 0.479 | 21.1 | 3 | -1.5 | 11.4 |
| 4/24/2009 | 08:01:00 | 4/24/2009 08:01:00 | 25.83 | 53.046 | 34.97 | 2.69 | 40.2 | 0.472 | 31.8 | 4.5 | -1.6 | 11.5 |
| 4/24/2009 | 08:16:00 | 4/24/2009 08:16:00 | 26.12 | 53.339 | 35.18 | 3.33 | 50.1 | 0.465 | 10.7 | 1.5 | -2.1 | 11.5 |
| 4/24/2009 | 08:31:00 | 4/24/2009 08:31:00 | 26.17 | 53.335 | 35.17 | 3.07 | 46.3 | 0.462 | 15 | 2.1 | -1.6 | 11.5 |
| 4/24/2009 | 08:46:00 | 4/24/2009 08:46:00 | 26.29 | 54.274 | 35.87 | 2.84 | 43.1 | 0.463 | 17.3 | 2.5 | -1.7 | 11.5 |
| 4/24/2009 | 09:01:00 | 4/24/2009 09:01:00 | 25.89 | 54.514 | 36.06 | 3.1 | 46.8 | 0.468 | 11.7 | 1.7 | -1.3 | 11.6 |
| 4/24/2009 | 09:16:00 | 4/24/2009 09:16:00 | 25.93 | 54.647 | 36.15 | 3.14 | 47.4 | 0.477 | 20.5 | 2.9 | -0.6 | 11.5 |
| 4/24/2009 | 09:31:00 | 4/24/2009 09:31:00 | 26.07 | 55.051 | 36.45 | 3.09 | 46.9 | 0.495 | 12.7 | 1.8 | -1 | 11.5 |
| 4/24/2009 | 09:46:00 | 4/24/2009 09:46:00 | 26.2 | 54.67 | 36.16 | 3.05 | 46.3 | 0.496 | 15.2 | 2.2 | -1.9 | 11.5 |
| 4/24/2009 | 10:01:00 | 4/24/2009 10:01:00 | 26.22 | 54.32 | 35.9 | 3.2 | 48.4 | 0.51 | 12.8 | 1.8 | -2.1 | 11.5 |
| 4/24/2009 | 10:16:00 | 4/24/2009 10:16:00 | 26.16 | 54.146 | 35.77 | 3.34 | 50.5 | 0.524 | 12.6 | 1.8 | -2.4 | 11.5 |
| 4/24/2009 | 10:31:00 | 4/24/2009 10:31:00 | 26 | 53.816 | 35.53 | 3.6 | 54.2 | 0.541 | 9.8 | 1.4 | -1.9 | 11.5 |
| 4/24/2009 | 10:46:00 | 4/24/2009 10:46:00 | 26.1 | 53.764 | 35.49 | 3.77 | 56.8 | 0.558 | 4.7 | 0.7 | -2.3 | 11.5 |
| 4/24/2009 | 11:01:00 | 4/24/2009 11:01:00 | 25.86 | 53.007 | 34.94 | 3.79 | 56.7 | 0.573 | 10.6 | 1.5 | -2.1 | 11.5 |
| 4/24/2009 | 11:16:00 | 4/24/2009 11:16:00 | 26.04 | 52.302 | 34.41 | 3.99 | 59.8 | 0.592 | 9 | 1.3 | -0.5 | 11.5 |
| 4/24/2009 | 11:31:00 | 4/24/2009 11:31:00 | 26.1 | 52.325 | 34.43 | 3.91 | 58.7 | 0.608 | 6.7 | 1 | -0.8 | 11.6 |
| 4/24/2009 | 11:46:00 | 4/24/2009 11:46:00 | 26.12 | 52.424 | 34.5 | 3.91 | 58.7 | 0.629 | 9 | 1.3 | -1.5 | 11.5 |
| 4/24/2009 | 12:01:00 | 4/24/2009 12:01:00 | 26.28 | 51.764 | 34.01 | 4.06 | 60.9 | 0.651 | 12.3 | 1.8 | -0.4 | 11.5 |
| 4/24/2009 | 12:16:00 | 4/24/2009 12:16:00 | 26.35 | 51.741 | 33.99 | 4.01 | 60.3 | 0.673 | 14.1 | 2 | 0.4 | 11.5 |
| 4/24/2009 | 12:31:00 | 4/24/2009 12:31:00 | 26.61 | 51.222 | 33.6 | 4.32 | 65.1 | 0.693 | 6.7 | 1 | -0.5 | 11.5 |
| 4/24/2009 | 12:46:00 | 4/24/2009 12:46:00 | 26.64 | 51.449 | 33.76 | 4.18 | 63 | 0.711 | 9.1 | 1.3 | 0.6 | 11.6 |
| 4/24/2009 | 13:01:00 | 4/24/2009 13:01:00 | 26.76 | 51.618 | 33.89 | 4.36 | 65.9 | 0.734 | 7.1 | 1 | 0.1 | 11.5 |
| 4/24/2009 | 13:16:00 | 4/24/2009 13:16:00 | 26.83 | 51.928 | 34.11 | 4.4 | 66.6 | 0.754 | 7 | 1 | 1.6 | 11.5 |
| 4/24/2009 | 13:31:00 | 4/24/2009 13:31:00 | 26.81 | 52.258 | 34.36 | 4.35 | 66 | 0.775 | 9.8 | 1.4 | 2.8 | 11.5 |
| 4/24/2009 | 13:46:00 | 4/24/2009 13:46:00 | 26.85 | 52.349 | 34.42 | 4.34 | 65.9 | 0.787 | 9.4 | 1.3 | 0.4 | 11.6 |
| 4/24/2009 | 14:01:00 | 4/24/2009 14:01:00 | 26.95 | 52.358 | 34.43 | 4.34 | 66 | 0.801 | 9.6 | 1.4 | 2 | 11.5 |
| 4/24/2009 | 14:16:00 | 4/24/2009 14:16:00 | 26.97 | 52.682 | 34.67 | 4.44 | 67.6 | 0.808 | 17.6 | 2.5 | 1.2 | 11.5 |
| 4/24/2009 | 14:31:00 | 4/24/2009 14:31:00 | 27.02 | 52.652 | 34.64 | 4.53 | 69 | 0.811 | 24.7 | 3.5 | 1.7 | 11.5 |
| 4/24/2009 | 14:46:00 | 4/24/2009 14:46:00 | 26.99 | 52.643 | 34.64 | 4.63 | 70.6 | 0.805 | 25.8 | 3.7 | 1.8 | 11.5 |
| 4/24/2009 | 15:01:00 | 4/24/2009 15:01:00 | 27. | | | | | | | | | |

Vester Marine and Environmental Science Research Field Station
YSI 6600 sonde - Water conditions - Data
From 04 17 2009 to 05 01 2009

| Date M/D/Y | Time hh:mm:ss | Date Time M/D/Y hh:mm:ss | Temp C | SpCond mS/cm | Salinity ppt | DO Conc mg/L | DO% % | Depth m | Chlorophyll ug/L | Chlorophyll RFU | Turbidity+ NTU | Battery V |
|---------------|------------------|-----------------------------|-----------|-----------------|-----------------|-----------------|----------|------------|---------------------|--------------------|-------------------|--------------|
| 4/24/2009 | 16:16:00 | 4/24/2009 16:16:00 | 27.43 | 52.746 | 34.7 | 4.51 | 69.3 | 0.719 | 72.7 | 10.4 | 2.5 | 11.5 |
| 4/24/2009 | 16:31:00 | 4/24/2009 16:31:00 | 27.37 | 52.353 | 34.41 | 4.6 | 70.4 | 0.711 | 47.5 | 6.8 | 0.7 | 11.5 |
| 4/24/2009 | 16:46:00 | 4/24/2009 16:46:00 | 27.47 | 52.463 | 34.49 | 4.88 | 74.8 | 0.696 | 38.7 | 5.5 | -0.7 | 11.6 |
| 4/24/2009 | 17:01:00 | 4/24/2009 17:01:00 | 27.46 | 52.895 | 34.81 | 4.87 | 74.9 | 0.678 | 74.2 | 10.6 | 0.7 | 11.5 |
| 4/24/2009 | 17:16:00 | 4/24/2009 17:16:00 | 27.42 | 52.487 | 34.51 | 5.08 | 77.8 | 0.663 | 83.3 | 11.9 | 0.4 | 11.5 |
| 4/24/2009 | 17:31:00 | 4/24/2009 17:31:00 | 27.53 | 52.755 | 34.7 | 5.16 | 79.4 | 0.654 | 74.5 | 10.7 | 2.7 | 11.5 |
| 4/24/2009 | 17:46:00 | 4/24/2009 17:46:00 | 27.53 | 53.398 | 35.18 | 5.01 | 77.3 | 0.632 | 87.2 | 12.5 | 1.8 | 11.5 |
| 4/24/2009 | 18:01:00 | 4/24/2009 18:01:00 | 27.54 | 53.79 | 35.47 | 4.48 | 69.2 | 0.616 | 74.6 | 10.7 | 0 | 11.5 |
| 4/24/2009 | 18:16:00 | 4/24/2009 18:16:00 | 27.41 | 53.182 | 35.02 | 4.53 | 69.6 | 0.602 | 62.8 | 9 | -1.1 | 11.6 |
| 4/24/2009 | 18:31:00 | 4/24/2009 18:31:00 | 27.48 | 53.741 | 35.44 | 4.44 | 68.5 | 0.59 | 80.3 | 11.5 | -1.1 | 11.5 |
| 4/24/2009 | 18:46:00 | 4/24/2009 18:46:00 | 27.5 | 52.976 | 34.87 | 5.14 | 79 | 0.573 | 31.1 | 4.5 | -1.6 | 11.5 |
| 4/24/2009 | 19:01:00 | 4/24/2009 19:01:00 | 27.42 | 53.261 | 35.08 | 4.93 | 75.9 | 0.563 | 37.2 | 5.3 | -1.5 | 11.5 |
| 4/24/2009 | 19:16:00 | 4/24/2009 19:16:00 | 27.41 | 52.975 | 34.87 | 4.31 | 66.2 | 0.548 | 64.1 | 9.2 | -1 | 11.5 |
| 4/24/2009 | 19:31:00 | 4/24/2009 19:31:00 | 27.43 | 53.815 | 35.49 | 4.21 | 64.9 | 0.533 | 69 | 9.9 | -0.3 | 11.5 |
| 4/24/2009 | 19:46:00 | 4/24/2009 19:46:00 | 27.34 | 54.289 | 35.85 | 4.2 | 64.8 | 0.52 | 74.9 | 10.7 | 0 | 11.5 |
| 4/24/2009 | 20:01:00 | 4/24/2009 20:01:00 | 27.29 | 54.356 | 35.9 | 3.65 | 56.3 | 0.508 | 55.6 | 8 | 0.4 | 11.5 |
| 4/24/2009 | 20:16:00 | 4/24/2009 20:16:00 | 27.25 | 54.36 | 35.9 | 3.54 | 54.6 | 0.496 | 49.2 | 7 | -0.1 | 11.5 |
| 4/24/2009 | 20:31:00 | 4/24/2009 20:31:00 | 27.2 | 54.044 | 35.67 | 3.13 | 48.2 | 0.484 | 43.1 | 6.2 | 0.2 | 11.5 |
| 4/24/2009 | 20:46:00 | 4/24/2009 20:46:00 | 27.14 | 54.23 | 35.81 | 3.06 | 47 | 0.474 | 45.4 | 6.5 | -0.8 | 11.5 |
| 4/24/2009 | 21:01:00 | 4/24/2009 21:01:00 | 27.12 | 53.761 | 35.46 | 2.57 | 39.5 | 0.463 | 44.4 | 6.4 | -0.7 | 11.5 |
| 4/24/2009 | 21:16:00 | 4/24/2009 21:16:00 | 26.99 | 53.9 | 35.57 | 2.97 | 45.4 | 0.453 | 23.4 | 3.4 | -1.3 | 11.5 |
| 4/24/2009 | 21:31:00 | 4/24/2009 21:31:00 | 26.98 | 53.718 | 35.43 | 2.8 | 42.8 | 0.444 | 45.7 | 6.5 | -1.6 | 11.6 |
| 4/24/2009 | 21:46:00 | 4/24/2009 21:46:00 | 26.98 | 53.788 | 35.49 | 2.39 | 36.6 | 0.434 | 70.8 | 10.1 | -0.5 | 11.5 |
| 4/24/2009 | 22:01:00 | 4/24/2009 22:01:00 | 26.91 | 54.166 | 35.77 | 2.3 | 35.2 | 0.424 | 74 | 10.6 | -0.8 | 11.5 |
| 4/24/2009 | 22:16:00 | 4/24/2009 22:16:00 | 26.87 | 53.81 | 35.51 | 2.17 | 33.1 | 0.417 | 127 | 18.2 | -1.3 | 11.5 |
| 4/24/2009 | 22:31:00 | 4/24/2009 22:31:00 | 26.91 | 53.587 | 35.34 | 2.35 | 35.9 | 0.41 | 89.3 | 12.8 | -1.2 | 11.5 |
| 4/24/2009 | 22:46:00 | 4/24/2009 22:46:00 | 26.96 | 53.793 | 35.49 | 2.63 | 40.2 | 0.405 | 109.1 | 15.6 | -0.8 | 11.5 |
| 4/24/2009 | 23:01:00 | 4/24/2009 23:01:00 | 26.94 | 53.926 | 35.59 | 2.4 | 36.8 | 0.403 | 83.4 | 11.9 | -0.7 | 11.5 |
| 4/24/2009 | 23:16:00 | 4/24/2009 23:16:00 | 26.91 | 54.002 | 35.65 | 1.96 | 30 | 0.405 | 77.5 | 11.1 | -1 | 11.5 |
| 4/24/2009 | 23:31:00 | 4/24/2009 23:31:00 | 26.94 | 53.958 | 35.61 | 1.7 | 26.1 | 0.407 | 179.6 | 25.7 | -0.8 | 11.5 |
| 4/24/2009 | 23:46:00 | 4/24/2009 23:46:00 | 26.61 | 54.228 | 35.82 | 1.84 | 28 | 0.412 | 61.8 | 8.9 | -1 | 11.5 |
| 4/25/2009 | 00:01:00 | 4/25/2009 00:01:00 | 26.53 | 54.292 | 35.87 | 1.67 | 25.5 | 0.42 | 28 | 4 | -0.4 | 11.5 |
| 4/25/2009 | 00:16:00 | 4/25/2009 00:16:00 | 26.35 | 54.604 | 36.11 | 2 | 30.4 | 0.426 | 23.1 | 3.3 | -0.2 | 11.5 |
| 4/25/2009 | 00:31:00 | 4/25/2009 00:31:00 | 26.32 | 54.74 | 36.21 | 1.79 | 27.2 | 0.435 | 13.1 | 1.9 | 0 | 11.5 |
| 4/25/2009 | 00:46:00 | 4/25/2009 00:46:00 | 26.27 | 55.059 | 36.45 | 2.05 | 31.2 | 0.444 | 6.4 | 0.9 | -0.6 | 11.5 |
| 4/25/2009 | 01:01:00 | 4/25/2009 01:01:00 | 26.24 | 55.173 | 36.54 | 2.21 | 33.7 | 0.453 | 6 | 0.9 | -1.3 | 11.5 |
| 4/25/2009 | 01:16:00 | 4/25/2009 01:16:00 | 26.04 | 55.275 | 36.62 | 2.02 | 30.7 | 0.463 | 11.6 | 1.7 | -1.2 | 11.5 |
| 4/25/2009 | 01:31:00 | 4/25/2009 01:31:00 | 25.73 | 54.851 | 36.31 | 1.95 | 29.4 | 0.473 | 15.1 | 2.2 | -1.5 | 11.5 |
| 4/25/2009 | 01:46:00 | 4/25/2009 01:46:00 | 25.69 | 54.732 | 36.22 | 2.49 | 37.4 | 0.485 | 4.8 | 0.7 | -1 | 11.5 |
| 4/25/2009 | 02:01:00 | 4/25/2009 02:01:00 | 25.28 | 54.475 | 36.04 | 2.32 | 34.7 | 0.497 | 15.9 | 2.3 | -1.6 | 11.5 |
| 4/25/2009 | 02:16:00 | 4/25/2009 02:16:00 | 24.79 | 52.861 | 34.85 | 2.91 | 42.7 | 0.508 | 6.7 | 1 | -1.3 | 11.5 |
| 4/25/2009 | 02:31:00 | 4/25/2009 02:31:00 | 24.86 | 52.562 | 34.63 | 2.38 | 35 | 0.52 | 6.7 | 1 | -1.6 | 11.5 |
| 4/25/2009 | 02:46:00 | 4/25/2009 02:46:00 | 25.46 | 52.77 | 34.77 | 2.37 | 35.2 | 0.53 | 11.4 | 1.6 | -2 | 11.5 |
| 4/25/2009 | 03:01:00 | 4/25/2009 03:01:00 | 25.13 | 52.85 | 34.84 | 2.78 | 41.1 | 0.538 | 16.9 | 2.4 | -2.1 | 11.5 |
| 4/25/2009 | 03:16:00 | 4/25/2009 03:16:00 | 25 | 52.669 | 34.71 | 2.58 | 38.1 | 0.547 | 11 | 1.6 | -1.6 | 11.5 |
| 4/25/2009 | 03:31:00 | 4/25/2009 03:31:00 | 24.95 | 52.383 | 34.5 | 2.84 | 41.7 | 0.552 | 11.9 | 1.7 | 0.3 | 11.5 |
| 4/25/2009 | 03:46:00 | 4/25/2009 03:46:00 | 24.99 | 52.067 | 34.26 | 2.69 | 39.5 | 0.554 | 22.6 | 3.2 | -1.4 | 11.5 |
| 4/25/2009 | 04:01:00 | 4/25/2009 04:01:00 | 24.87 | 51.711 | 34 | 1.87 | 27.4 | 0.552 | 36.3 | 5.2 | -1.2 | 11.5 |
| 4/25/2009 | 04:16:00 | 4/25/2009 04:16:00 | 24.73 | 51.006 | 33.48 | 1.79 | 26 | 0.547 | 30.4 | 4.3 | -1.3 | 11.5 |
| 4/25/2009 | 04:31:00 | 4/25/2009 04:31:00 | 24.78 | 50.785 | 33.32 | 1.83 | 26.6 | 0.542 | 10.8 | 1.5 | -1.1 | 11.5 |
| 4/25/2009 | 04:46:00 | 4/25/2009 04:46:00 | 24.91 | 51.239 | 33.65 | 2.24 | 32.8 | 0.534 | 16.3 | 2.3 | -1.5 | 11.5 |
| 4/25/2009 | 05:01:00 | 4/25/2009 05:01:00 | 25.29 | 52.065 | 34.25 | 1.94 | 28.7 | 0.527 | 20.3 | 2.9 | 0.1 | 11.5 |
| 4/25/2009 | 05:16:00 | 4/25/2009 05:16:00 | 25.58 | 51.787 | 34.04 | 1.17 | 17.4 | 0.519 | 36 | 5.2 | -1.1 | 11.5 |
| 4/25/2009 | 05:31:00 | 4/25/2009 05:31:00 | 25.11 | 52.07 | 34.26 | 2.86 | 42.2 | 0.51 | 33.9 | 4.9 | -0.2 | 11.5 |
| 4/25/2009 | 05:46:00 | 4/25/2009 05:46:00 | 24.74 | 52.012 | 34.23 | 2.54 | 37.2 | 0.502 | 69 | 9.9 | 9.9 | 11.5 |
| 4/25/2009 | 06:01:00 | 4/25/2009 06:01:00 | 24.79 | 51.999 | 34.21 | 2.46 | 36 | 0.495 | 52.4 | 7.5 | -1.1 | 11.5 |
| 4/25/2009 | 06:16:00 | 4/25/2009 06:16:00 | 24.65 | 51.804 | 34.07 | 2.46 | 35.9 | 0.487 | 37.9 | 5.4 | -1.4 | 11.5 |
| 4/25/2009 | 06:31:00 | 4/25/2009 06:31:00 | 24.45 | 51.451 | 33.82 | 2.66 | 38.7 | 0.479 | 40.3 | 5.8 | -1.5 | 11.5 |
| 4/25/2009 | 06:46:00 | 4/25/2009 06:46:00 | 24.52 | 51.691 | 33.99 | 2.52 | 36.7 | 0.471 | 48.6 | 6.9 | -0.6 | 11.5 |
| 4/25/2009 | 07:01:00 | 4/25/2009 07:01:00 | 24.49 | 51.763 | 34.05 | 2.64 | 38.5 | 0.464 | 30.1 | 4.3 | -1.3 | 11.5 |
| 4/25/2009 | 07:16:00 | 4/25/2009 07:16:00 | 24.47 | 51.824 | 34.09 | 2.66 | 38.7 | 0.456 | 24.1 | 3.4 | -1.5 | 11.5 |
| 4/25/2009 | 07:31:00 | 4/25/2009 07:31:00 | 24.52 | 51.849 | 34.11 | 2.71 | 39.5 | 0.448 | 19.2 | 2.8 | -1.7 | 11.5 |
| 4/25/2009 | 07:46:00 | 4/25/2009 07:46:00 | 24.51 | 51.966 | 34.2 | 2.63 | 38.3 | 0.443 | 17.3 | 2.5 | -1.8 | 11.5 |
| 4/25/2009 | 08:01:00 | 4/25/2009 08:01:00 | 24.15 | 52.05 | 34.27 | 2.91 | 42.1 | 0.436 | 12.9 | 1.8 | -1.6 | 11.5 |
| 4/25/2009 | 08:16:00 | 4/25/2009 08:16:00 | 24.16 | 51.791 | 34.08 | 3.05 | 44.2 | 0.429 | 13.3 | 1.9 | -1.9 | 11.5 |
| 4/25/2009 | 08:31:00 | 4/25/2009 08:31:00 | 24.04 | 51.733 | 34.03 | 2.89 | 41.8 | 0.422 | 10 | 1.4 | -1.9 | 11.5 |
| 4/25/2009 | 08:46:00 | 4/25/2009 08:46:00 | 24.2 | 51.781 | 34.07 | 3.06 | 44.3 | 0.419 | 18.2 | 2.6 | -1.6 | 11.5 |
| 4/25/2009 | 09:01:00 | 4/25/2009 09:01:00 | 24.53 | 51.748 | 34.04 | 2.91 | 42.4 | 0.416 | 37.3 | 5.3 | -0.9 | 11.5 |
| 4/25/2009 | 09:16:00 | 4/25/2009 09:16:00 | 24.99 | 52.5 | 34.58 | 2.28 | 33.6 | 0.418 | 22 | 3.2 | -1.9 | 11.5 |
| 4/25/2009 | 09:31:00 | 4/25/2009 09:31:00 | 24.92 | 53.041 | 34.98 | 2.33 | 34.3 | 0.425 | 8.1 | 1.2 | -1.8 | 11.4 |
| 4/25/2009 | 09:46:00 | 4/25/2009 09:46:00 | 24.71 | 52.383 | 34.5 | 2.79 | 40.9 | 0.434 | 13.5 | 1.9 | -1.8 | 11.5 |
| 4/25/2009 | 10:01:00 | 4/25/2009 10:01:00 | 24.77 | 52.612 | 34.67 | 3.67 | 53.9 | 0.445 | 15.3 | 2.2 | -1.6 | 11.5 |
| 4/25/2009 | 10:16:00 | 4/25/2009 10:16:00 | 24.85 | 53.382 | 35.24 | 3.76 | 55.4 | 0.457 | 13.4 | 1.9 | -1.8 | 11.5 |
| 4/25/2009 | 10:31:00 | 4/25/2009 10:31:00 | 25 | 53.188 | 35.09 | 3.89 | 57.5 | 0.469 | 18.2 | 2.6 | -1.5 | 11.5 |
| 4/25/2009 | 10:46:00 | 4/25/2009 10:46:00 | 25.05 | 53.686 | 35.46 | 4.11 | 60.9 | 0.481 | 17.5 | 2.5 | -1.5 | 11.5 |
| 4/25/2009 | 11:01:00 | 4/25/2009 11:01:00 | 25.06 | 53.524 | 35.34 | 4.04 | 59.9 | 0.496 | 25.7 | 3.7 | -1.3 | 11.5 |
| 4/25/2009 | 11:16:00 | 4/25/2009 11:16:00 | 25.31 | 53.29 | 35.16 | 4.51 | 67 | 0.515 | 17 | 2.4 | 3.9 | 11.5 |
| 4/25/2009 | 11:31:00 | 4/25/2009 11:31:00 | 25.26 | 52.772 | 34.78 | 4.7 | 69.6 | 0.529 | 10.6 | 1.5 | 0.4 | 11.5 |
| 4/25/2009 | 11:46:00 | 4/25/2009 11:46:00 | 25.21 | 51.544 | 33.87 | 4.67 | 68.7 | 0.545 | 11.3 | 1.6 | 0.5 | 11.5 |
| 4/25/2009 | 12:01:00 | 4/25/2009 12:01:00 | 25.32 | 51.421 | 33.78 | 4.7 | 69.3 | 0.565 | 13.1 | 1.9 | 0.3 | 11.5 |
| 4/25/2009 | 12:16:00 | 4/25/2009 12:16:00 | 25.39 | 50.27 | 32.93 | 4.81 | 70.6 | 0.584 | 10.3 | 1.5 | 0.9 | 11.5 |
| 4/25/2009 | 12:31:00 | 4/25/2009 12:31:00 | 25.45 | 49.905 | 32.66 | 4.75 | 69.8 | 0.605 | 9.6 | 1.4 | 2.8 | 11.5 |
| 4/25/2009 | 12:46:00 | 4/25 | | | | | | | | | | |

Vester Marine and Environmental Science Research Field Station
YSI 6600 sonde - Water conditions - Data
From 04 17 2009 to 05 01 2009

| Date M/D/Y | Time hh:mm:ss | Date Time M/D/Y hh:mm:ss | Temp C | SpCond mS/cm | Salinity ppt | DO Conc mg/L | DO% % | Depth m | Chlorophyll ug/L | Chlorophyll RFU | Turbidity+ NTU | Battery V |
|---------------|------------------|-----------------------------|-----------|-----------------|-----------------|-----------------|----------|------------|---------------------|--------------------|-------------------|--------------|
| 4/25/2009 | 14:01:00 | 4/25/2009 14:01:00 | 25.72 | 51.018 | 33.47 | 4.58 | 67.9 | 0.728 | 12.1 | 1.7 | 2.5 | 11.5 |
| 4/25/2009 | 14:16:00 | 4/25/2009 14:16:00 | 25.74 | 51.064 | 33.5 | 4.7 | 69.7 | 0.744 | 18.2 | 2.6 | 2.2 | 11.5 |
| 4/25/2009 | 14:31:00 | 4/25/2009 14:31:00 | 25.73 | 51.173 | 33.58 | 4.57 | 67.8 | 0.763 | 20.2 | 2.9 | 1.6 | 11.5 |
| 4/25/2009 | 14:46:00 | 4/25/2009 14:46:00 | 25.79 | 51.452 | 33.79 | 4.66 | 69.3 | 0.77 | 17.4 | 2.5 | 0.9 | 11.5 |
| 4/25/2009 | 15:01:00 | 4/25/2009 15:01:00 | 25.88 | 51.327 | 33.69 | 4.65 | 69.2 | 0.778 | 15.7 | 2.2 | 2.3 | 11.5 |
| 4/25/2009 | 15:16:00 | 4/25/2009 15:16:00 | 25.88 | 51.459 | 33.79 | 4.67 | 69.6 | 0.781 | 15.4 | 2.2 | 1.2 | 11.5 |
| 4/25/2009 | 15:31:00 | 4/25/2009 15:31:00 | 26.09 | 51.405 | 33.75 | 5.07 | 75.8 | 0.774 | 13.6 | 1.9 | 3.9 | 11.5 |
| 4/25/2009 | 15:46:00 | 4/25/2009 15:46:00 | 26.15 | 51.411 | 33.75 | 4.91 | 73.4 | 0.762 | 15.8 | 2.3 | 4.9 | 11.5 |
| 4/25/2009 | 16:01:00 | 4/25/2009 16:01:00 | 26.15 | 51.577 | 33.87 | 4.99 | 74.6 | 0.749 | 14.1 | 2 | 2 | 11.5 |
| 4/25/2009 | 16:16:00 | 4/25/2009 16:16:00 | 26.22 | 51.542 | 33.84 | 5.17 | 77.4 | 0.739 | 15.7 | 2.2 | 2.5 | 11.5 |
| 4/25/2009 | 16:31:00 | 4/25/2009 16:31:00 | 26.22 | 51.439 | 33.77 | 4.99 | 74.6 | 0.725 | 19.7 | 2.8 | 1.1 | 11.5 |
| 4/25/2009 | 16:46:00 | 4/25/2009 16:46:00 | 26.3 | 51.95 | 34.14 | 5.23 | 78.6 | 0.706 | 18.9 | 2.7 | 0.8 | 11.5 |
| 4/25/2009 | 17:01:00 | 4/25/2009 17:01:00 | 26.36 | 51.945 | 34.14 | 5.04 | 75.7 | 0.699 | 15.7 | 2.2 | 0.9 | 11.5 |
| 4/25/2009 | 17:16:00 | 4/25/2009 17:16:00 | 26.43 | 51.833 | 34.05 | 5.29 | 79.7 | 0.686 | 15 | 2.2 | 2.1 | 11.5 |
| 4/25/2009 | 17:31:00 | 4/25/2009 17:31:00 | 26.46 | 51.98 | 34.16 | 5.24 | 79 | 0.67 | 21 | 3 | 0.9 | 11.5 |
| 4/25/2009 | 17:46:00 | 4/25/2009 17:46:00 | 26.45 | 51.834 | 34.05 | 5.16 | 77.7 | 0.657 | 19.6 | 2.8 | 4 | 11.5 |
| 4/25/2009 | 18:01:00 | 4/25/2009 18:01:00 | 26.53 | 52.181 | 34.31 | 5.37 | 81.1 | 0.639 | 30.8 | 4.4 | 0.3 | 11.5 |
| 4/25/2009 | 18:16:00 | 4/25/2009 18:16:00 | 26.52 | 52.412 | 34.48 | 5.12 | 77.4 | 0.629 | 50.7 | 7.3 | 0.9 | 11.5 |
| 4/25/2009 | 18:31:00 | 4/25/2009 18:31:00 | 26.49 | 52.593 | 34.61 | 5.18 | 78.3 | 0.613 | 64.8 | 9.3 | 1.2 | 11.5 |
| 4/25/2009 | 18:46:00 | 4/25/2009 18:46:00 | 26.41 | 51.977 | 34.16 | 5.08 | 76.5 | 0.591 | 41.5 | 5.9 | -0.4 | 11.5 |
| 4/25/2009 | 19:01:00 | 4/25/2009 19:01:00 | 26.41 | 52.03 | 34.2 | 5.14 | 77.4 | 0.581 | 26.2 | 3.7 | -0.6 | 11.5 |
| 4/25/2009 | 19:16:00 | 4/25/2009 19:16:00 | 26.3 | 51.478 | 33.79 | 5.15 | 77.2 | 0.566 | 22.6 | 3.2 | -0.5 | 11.5 |
| 4/25/2009 | 19:31:00 | 4/25/2009 19:31:00 | 26.3 | 51.502 | 33.81 | 5.12 | 76.7 | 0.552 | 44.3 | 6.3 | -0.2 | 11.5 |
| 4/25/2009 | 19:46:00 | 4/25/2009 19:46:00 | 26.4 | 53.326 | 35.16 | 4.95 | 74.9 | 0.537 | 37.4 | 5.4 | 0.3 | 11.5 |
| 4/25/2009 | 20:01:00 | 4/25/2009 20:01:00 | 26.34 | 52.646 | 34.66 | 4.96 | 74.7 | 0.527 | 24.4 | 3.5 | -0.3 | 11.5 |
| 4/25/2009 | 20:16:00 | 4/25/2009 20:16:00 | 26.28 | 51.984 | 34.17 | 4.58 | 68.7 | 0.512 | 27.4 | 3.9 | -0.4 | 11.5 |
| 4/25/2009 | 20:31:00 | 4/25/2009 20:31:00 | 26.35 | 53.247 | 35.1 | 4.43 | 67 | 0.5 | 31 | 4.4 | 0.4 | 11.5 |
| 4/25/2009 | 20:46:00 | 4/25/2009 20:46:00 | 26.3 | 51.865 | 34.08 | 3.83 | 57.4 | 0.489 | 44.7 | 6.4 | -1 | 11.4 |
| 4/25/2009 | 21:01:00 | 4/25/2009 21:01:00 | 26.23 | 51.673 | 33.94 | 4.28 | 64.1 | 0.478 | 23.4 | 3.3 | -1 | 11.5 |
| 4/25/2009 | 21:16:00 | 4/25/2009 21:16:00 | 26.09 | 51.574 | 33.87 | 4.41 | 65.9 | 0.466 | 30.4 | 4.4 | -0.7 | 11.5 |
| 4/25/2009 | 21:31:00 | 4/25/2009 21:31:00 | 26.03 | 51.645 | 33.92 | 4.72 | 70.5 | 0.452 | 18.3 | 2.6 | 0.3 | 11.5 |
| 4/25/2009 | 21:46:00 | 4/25/2009 21:46:00 | 26.17 | 51.976 | 34.17 | 4.79 | 71.8 | 0.443 | 43.1 | 6.2 | -0.5 | 11.4 |
| 4/25/2009 | 22:01:00 | 4/25/2009 22:01:00 | 26.2 | 52.221 | 34.35 | 4.59 | 68.9 | 0.432 | 40.5 | 5.8 | -0.3 | 11.4 |
| 4/25/2009 | 22:16:00 | 4/25/2009 22:16:00 | 26.13 | 52.255 | 34.37 | 3.87 | 58 | 0.42 | 71.8 | 10.3 | -0.8 | 11.5 |
| 4/25/2009 | 22:31:00 | 4/25/2009 22:31:00 | 26.11 | 52.081 | 34.24 | 4.24 | 63.4 | 0.41 | 61.2 | 8.8 | -0.8 | 11.5 |
| 4/25/2009 | 22:46:00 | 4/25/2009 22:46:00 | 26.08 | 52.288 | 34.4 | 4.14 | 62.1 | 0.4 | 36.6 | 5.2 | -0.5 | 11.5 |
| 4/25/2009 | 23:01:00 | 4/25/2009 23:01:00 | 26.03 | 52.076 | 34.24 | 3.98 | 59.5 | 0.392 | 34.9 | 5 | -1.4 | 11.5 |
| 4/25/2009 | 23:16:00 | 4/25/2009 23:16:00 | 26.06 | 52.25 | 34.37 | 3.69 | 55.3 | 0.382 | 45.2 | 6.5 | -0.7 | 11.5 |
| 4/25/2009 | 23:31:00 | 4/25/2009 23:31:00 | 26.03 | 52.575 | 34.61 | 3.45 | 51.6 | 0.373 | 28.4 | 4.1 | -0.8 | 11.4 |
| 4/25/2009 | 23:46:00 | 4/25/2009 23:46:00 | 25.96 | 52.282 | 34.4 | 3.45 | 51.5 | 0.369 | 69.2 | 9.9 | -1.8 | 11.5 |
| 4/26/2009 | 00:01:00 | 4/26/2009 00:01:00 | 25.94 | 52.493 | 34.55 | 3.23 | 48.3 | 0.371 | 42.8 | 6.1 | -1.3 | 11.4 |
| 4/26/2009 | 00:16:00 | 4/26/2009 00:16:00 | 25.86 | 52.701 | 34.71 | 3.05 | 45.6 | 0.374 | 32.8 | 4.7 | -0.7 | 11.5 |
| 4/26/2009 | 00:31:00 | 4/26/2009 00:31:00 | 25.71 | 53.292 | 35.15 | 3.14 | 46.9 | 0.379 | 23.4 | 3.3 | -0.3 | 11.5 |
| 4/26/2009 | 00:46:00 | 4/26/2009 00:46:00 | 25.56 | 53.963 | 35.65 | 3.26 | 48.8 | 0.383 | 23.3 | 3.3 | 0.4 | 11.5 |
| 4/26/2009 | 01:01:00 | 4/26/2009 01:01:00 | 25.42 | 54.379 | 35.97 | 3.28 | 49 | 0.391 | 12.5 | 1.8 | -0.2 | 11.4 |
| 4/26/2009 | 01:16:00 | 4/26/2009 01:16:00 | 25.35 | 54.594 | 36.13 | 3.37 | 50.3 | 0.398 | 7.4 | 1.1 | 0.1 | 11.5 |
| 4/26/2009 | 01:31:00 | 4/26/2009 01:31:00 | 25.31 | 54.743 | 36.24 | 3.61 | 54 | 0.406 | 11.1 | 1.6 | -1 | 11.5 |
| 4/26/2009 | 01:46:00 | 4/26/2009 01:46:00 | 25.19 | 54.709 | 36.22 | 3.79 | 56.5 | 0.415 | 19.8 | 2.8 | -0.5 | 11.5 |
| 4/26/2009 | 02:01:00 | 4/26/2009 02:01:00 | 25.04 | 54.603 | 36.14 | 3.8 | 56.4 | 0.425 | 13.5 | 1.9 | -0.9 | 11.5 |
| 4/26/2009 | 02:16:00 | 4/26/2009 02:16:00 | 25.06 | 54.532 | 36.09 | 3.79 | 56.4 | 0.435 | 6.2 | 0.9 | -0.8 | 11.5 |
| 4/26/2009 | 02:31:00 | 4/26/2009 02:31:00 | 24.83 | 54.532 | 36.1 | 3.84 | 57 | 0.447 | 8.5 | 1.2 | -1.5 | 11.5 |
| 4/26/2009 | 02:46:00 | 4/26/2009 02:46:00 | 24.75 | 54.228 | 35.87 | 3.6 | 53.2 | 0.46 | 4.4 | 0.6 | -1.4 | 11.4 |
| 4/26/2009 | 03:01:00 | 4/26/2009 03:01:00 | 24.19 | 53.194 | 35.11 | 3.82 | 55.7 | 0.473 | 6.8 | 1 | 0.4 | 11.5 |
| 4/26/2009 | 03:16:00 | 4/26/2009 03:16:00 | 24.03 | 52.077 | 34.29 | 4.09 | 59.2 | 0.485 | 6.2 | 0.9 | -1 | 11.5 |
| 4/26/2009 | 03:31:00 | 4/26/2009 03:31:00 | 24.34 | 51.729 | 34.02 | 3.54 | 51.4 | 0.498 | 6.4 | 0.9 | -1.5 | 11.5 |
| 4/26/2009 | 03:46:00 | 4/26/2009 03:46:00 | 25.22 | 52.095 | 34.28 | 3.58 | 52.9 | 0.509 | 9.8 | 1.4 | -0.5 | 11.5 |
| 4/26/2009 | 04:01:00 | 4/26/2009 04:01:00 | 24.71 | 52.345 | 34.47 | 3.45 | 50.5 | 0.521 | 9.7 | 1.4 | -1.2 | 11.5 |
| 4/26/2009 | 04:16:00 | 4/26/2009 04:16:00 | 24.32 | 51.823 | 34.1 | 3.66 | 53.2 | 0.531 | 11 | 1.6 | -1.3 | 11.4 |
| 4/26/2009 | 04:31:00 | 4/26/2009 04:31:00 | 24.3 | 51.214 | 33.65 | 3.6 | 52.1 | 0.537 | 17.1 | 2.4 | -0.8 | 11.4 |
| 4/26/2009 | 04:46:00 | 4/26/2009 04:46:00 | 24.11 | 50.708 | 33.28 | 3.81 | 54.9 | 0.541 | 10.6 | 1.5 | -1.1 | 11.5 |
| 4/26/2009 | 05:01:00 | 4/26/2009 05:01:00 | 24.07 | 50.323 | 32.99 | 3.52 | 50.6 | 0.54 | 14.5 | 2.1 | -0.8 | 11.5 |
| 4/26/2009 | 05:16:00 | 4/26/2009 05:16:00 | 23.96 | 50.343 | 33.01 | 3.61 | 51.7 | 0.534 | 8 | 1.1 | -0.3 | 11.5 |
| 4/26/2009 | 05:31:00 | 4/26/2009 05:31:00 | 23.83 | 50.332 | 33.01 | 3.24 | 46.4 | 0.53 | 15.1 | 2.2 | -1 | 11.4 |
| 4/26/2009 | 05:46:00 | 4/26/2009 05:46:00 | 23.92 | 50.44 | 33.08 | 3.45 | 49.5 | 0.524 | 24.4 | 3.5 | -1 | 11.5 |
| 4/26/2009 | 06:01:00 | 4/26/2009 06:01:00 | 23.97 | 50.655 | 33.24 | 3.47 | 49.8 | 0.52 | 26.5 | 3.8 | -0.7 | 11.5 |
| 4/26/2009 | 06:16:00 | 4/26/2009 06:16:00 | 23.88 | 50.697 | 33.27 | 3.58 | 51.3 | 0.514 | 19.2 | 2.7 | -0.6 | 11.4 |
| 4/26/2009 | 06:31:00 | 4/26/2009 06:31:00 | 23.82 | 50.714 | 33.29 | 3.88 | 55.6 | 0.508 | 27.4 | 3.9 | -0.8 | 11.5 |
| 4/26/2009 | 06:46:00 | 4/26/2009 06:46:00 | 23.66 | 50.716 | 33.29 | 3.93 | 56.2 | 0.504 | 29.7 | 4.3 | -0.6 | 11.4 |
| 4/26/2009 | 07:01:00 | 4/26/2009 07:01:00 | 23.53 | 50.591 | 33.2 | 3.79 | 54.1 | 0.499 | 18.4 | 2.6 | -0.4 | 11.4 |
| 4/26/2009 | 07:16:00 | 4/26/2009 07:16:00 | 23.44 | 50.577 | 33.19 | 3.8 | 54.1 | 0.495 | 11.3 | 1.6 | -1.1 | 11.5 |
| 4/26/2009 | 07:31:00 | 4/26/2009 07:31:00 | 23.54 | 50.636 | 33.23 | 3.58 | 51 | 0.488 | 13.6 | 2 | -0.9 | 11.4 |
| 4/26/2009 | 07:46:00 | 4/26/2009 07:46:00 | 23.55 | 50.732 | 33.31 | 3.62 | 51.7 | 0.484 | 12 | 1.7 | -1.3 | 11.4 |
| 4/26/2009 | 08:01:00 | 4/26/2009 08:01:00 | 23.64 | 50.758 | 33.32 | 3.57 | 51 | 0.477 | 10.2 | 1.5 | -1.4 | 11.4 |
| 4/26/2009 | 08:16:00 | 4/26/2009 08:16:00 | 23.66 | 50.835 | 33.38 | 3.59 | 51.4 | 0.471 | 8.5 | 1.2 | -1.3 | 11.5 |
| 4/26/2009 | 08:31:00 | 4/26/2009 08:31:00 | 23.57 | 50.891 | 33.42 | 3.68 | 52.5 | 0.466 | 9.1 | 1.3 | -1.2 | 11.5 |
| 4/26/2009 | 08:46:00 | 4/26/2009 08:46:00 | 23.61 | 51.205 | 33.65 | 3.65 | 52.2 | 0.46 | 31.1 | 4.4 | 9.8 | 11.5 |
| 4/26/2009 | 09:01:00 | 4/26/2009 09:01:00 | 23.58 | 50.946 | 33.46 | 3.72 | 53.1 | 0.455 | 9.4 | 1.3 | 113.7 | 11.5 |
| 4/26/2009 | 09:16:00 | 4/26/2009 09:16:00 | 23.66 | 50.9 | 33.43 | 3.8 | 54.3 | 0.454 | 14.1 | 2 | -1.1 | 11.4 |
| 4/26/2009 | 09:31:00 | 4/26/2009 09:31:00 | 23.91 | 51.197 | 33.64 | 4.03 | 57.9 | 0.459 | 17.9 | 2.6 | -1.2 | 11.5 |
| 4/26/2009 | 09:46:00 | 4/26/2009 09:46:00 | 23.76 | 51.276 | 33.7 | 4.08 | 58.5 | 0.464 | 9.1 | 1.3 | -1.2 | 11.5 |
| 4/26/2009 | 10:01:00 | 4/26/2009 10:01:00 | 24.18 | 51.828 | 34.1 | 4.15 | 60.2 | 0.477 | 37.4 | 5.3 | -0.7 | 11.5 |
| 4/26/2009 | 10:16:00 | 4/26/2009 10:16:00 | 24.28 | 52.22 | 34.39 | 4.21 | 61.2 | 0.484 | 46.9 | 6.7 | -0.5 | 11.5 |
| 4/26/2009 | 10:31:00 | 4/26/2009 | | | | | | | | | | |

Vester Marine and Environmental Science Research Field Station
YSI 6600 sonde - Water conditions - Data
From 04 17 2009 to 05 01 2009

| Date M/D/Y | Time hh:mm:ss | Date Time M/D/Y hh:mm:ss | Temp C | SpCond mg/cm | Salinity ppt | DO Conc mg/L | DO% % | Depth m | Chlorophyll ug/L | Chlorophyll RFU | Turbidity+ NTU | Battery V |
|---------------|------------------|-----------------------------|-----------|-----------------|-----------------|-----------------|----------|------------|---------------------|--------------------|-------------------|--------------|
| 4/26/2009 | 11:46:00 | 4/26/2009 11:46:00 | 24.77 | 52.451 | 34.55 | 4.75 | 69.6 | 0.564 | 12.9 | 1.8 | -0.8 | 11.4 |
| 4/26/2009 | 12:01:00 | 4/26/2009 12:01:00 | 24.82 | 52.096 | 34.29 | 4.87 | 71.4 | 0.581 | 6.4 | 0.9 | -0.9 | 11.4 |
| 4/26/2009 | 12:16:00 | 4/26/2009 12:16:00 | 24.88 | 51.353 | 33.74 | 4.94 | 72.2 | 0.597 | 12.4 | 1.8 | -0.8 | 11.4 |
| 4/26/2009 | 12:31:00 | 4/26/2009 12:31:00 | 25.04 | 50.893 | 33.39 | 5.15 | 75.4 | 0.617 | 7.8 | 1.1 | -0.2 | 11.5 |
| 4/26/2009 | 12:46:00 | 4/26/2009 12:46:00 | 25.14 | 50.566 | 33.15 | 5.05 | 74 | 0.636 | 8.9 | 1.3 | -0.4 | 11.5 |
| 4/26/2009 | 13:01:00 | 4/26/2009 13:01:00 | 25.09 | 50.759 | 33.29 | 5.06 | 74.2 | 0.655 | 9.3 | 1.3 | 0.3 | 11.4 |
| 4/26/2009 | 13:16:00 | 4/26/2009 13:16:00 | 25.32 | 50.323 | 32.97 | 4.84 | 71 | 0.678 | 9.8 | 1.4 | 1.1 | 11.4 |
| 4/26/2009 | 13:31:00 | 4/26/2009 13:31:00 | 25.51 | 50.211 | 32.88 | 5.16 | 75.9 | 0.7 | 14.2 | 2 | 1.2 | 11.5 |
| 4/26/2009 | 13:46:00 | 4/26/2009 13:46:00 | 25.61 | 50.451 | 33.05 | 5.12 | 75.6 | 0.719 | 10.8 | 1.6 | 2.1 | 11.5 |
| 4/26/2009 | 14:01:00 | 4/26/2009 14:01:00 | 25.65 | 50.552 | 33.13 | 5.17 | 76.3 | 0.743 | 15.9 | 2.3 | 1.3 | 11.5 |
| 4/26/2009 | 14:16:00 | 4/26/2009 14:16:00 | 25.69 | 50.701 | 33.24 | 5.04 | 74.6 | 0.763 | 9.4 | 1.3 | 2.8 | 11.5 |
| 4/26/2009 | 14:31:00 | 4/26/2009 14:31:00 | 25.75 | 51.094 | 33.52 | 5.37 | 79.7 | 0.783 | 11.6 | 1.7 | 2.5 | 11.5 |
| 4/26/2009 | 14:46:00 | 4/26/2009 14:46:00 | 25.86 | 51.246 | 33.63 | 5.44 | 80.9 | 0.803 | 9.7 | 1.4 | 2.1 | 11.5 |
| 4/26/2009 | 15:01:00 | 4/26/2009 15:01:00 | 25.8 | 51.384 | 33.74 | 5.53 | 82.1 | 0.822 | 18.5 | 2.6 | 3.9 | 11.5 |
| 4/26/2009 | 15:16:00 | 4/26/2009 15:16:00 | 25.8 | 51.337 | 33.7 | 5.37 | 79.9 | 0.834 | 18 | 2.6 | 1.8 | 11.5 |
| 4/26/2009 | 15:31:00 | 4/26/2009 15:31:00 | 25.85 | 51.535 | 33.85 | 5.34 | 79.5 | 0.847 | 17.3 | 2.5 | 2.3 | 11.5 |
| 4/26/2009 | 15:46:00 | 4/26/2009 15:46:00 | 25.92 | 51.669 | 33.94 | 5.4 | 80.5 | 0.85 | 18.5 | 2.7 | 4.6 | 11.5 |
| 4/26/2009 | 16:01:00 | 4/26/2009 16:01:00 | 26.05 | 51.825 | 34.06 | 5.57 | 83.2 | 0.85 | 17.6 | 2.5 | 1.9 | 11.5 |
| 4/26/2009 | 16:16:00 | 4/26/2009 16:16:00 | 26.06 | 51.876 | 34.09 | 5.43 | 81.1 | 0.839 | 21 | 3 | 1.8 | 11.4 |
| 4/26/2009 | 16:31:00 | 4/26/2009 16:31:00 | 26.11 | 51.797 | 34.03 | 5.49 | 82.2 | 0.825 | 20.1 | 2.9 | 1.5 | 11.5 |
| 4/26/2009 | 16:46:00 | 4/26/2009 16:46:00 | 26.16 | 52.001 | 34.18 | 5.47 | 82 | 0.814 | 19.8 | 2.8 | 2.2 | 11.4 |
| 4/26/2009 | 17:01:00 | 4/26/2009 17:01:00 | 26.18 | 51.997 | 34.18 | 5.41 | 81.1 | 0.805 | 20.9 | 3 | 1.9 | 11.5 |
| 4/26/2009 | 17:16:00 | 4/26/2009 17:16:00 | 26.19 | 52.086 | 34.25 | 5.58 | 83.6 | 0.792 | 14.3 | 2.1 | 2 | 11.5 |
| 4/26/2009 | 17:31:00 | 4/26/2009 17:31:00 | 26.24 | 52.068 | 34.23 | 5.4 | 81 | 0.775 | 19.3 | 2.8 | 1.7 | 11.4 |
| 4/26/2009 | 17:46:00 | 4/26/2009 17:46:00 | 26.31 | 51.591 | 33.88 | 5.8 | 86.9 | 0.767 | 17.5 | 2.5 | 1 | 11.5 |
| 4/26/2009 | 18:01:00 | 4/26/2009 18:01:00 | 26.28 | 51.764 | 34.01 | 5.62 | 84.3 | 0.749 | 20.8 | 3 | 1 | 11.5 |
| 4/26/2009 | 18:16:00 | 4/26/2009 18:16:00 | 26.35 | 51.914 | 34.11 | 5.75 | 86.4 | 0.73 | 21.8 | 3.1 | 1.7 | 11.5 |
| 4/26/2009 | 18:31:00 | 4/26/2009 18:31:00 | 26.26 | 51.556 | 33.85 | 5.78 | 86.7 | 0.719 | 17.9 | 2.6 | 0.4 | 11.4 |
| 4/26/2009 | 18:46:00 | 4/26/2009 18:46:00 | 26.26 | 51.715 | 33.97 | 5.74 | 86.1 | 0.706 | 24.7 | 3.5 | 1 | 11.4 |
| 4/26/2009 | 19:01:00 | 4/26/2009 19:01:00 | 26.21 | 51.702 | 33.96 | 5.56 | 83.3 | 0.682 | 22.8 | 3.3 | 1 | 11.4 |
| 4/26/2009 | 19:16:00 | 4/26/2009 19:16:00 | 26.25 | 51.729 | 33.98 | 5.45 | 81.7 | 0.67 | 41.1 | 5.9 | 1.6 | 11.5 |
| 4/26/2009 | 19:31:00 | 4/26/2009 19:31:00 | 26.12 | 51.768 | 34.01 | 5.51 | 82.4 | 0.652 | 16.6 | 2.4 | 1.4 | 11.4 |
| 4/26/2009 | 19:46:00 | 4/26/2009 19:46:00 | 26.15 | 51.573 | 33.87 | 5.41 | 80.9 | 0.641 | 18.3 | 2.6 | 0.9 | 11.4 |
| 4/26/2009 | 20:01:00 | 4/26/2009 20:01:00 | 26.01 | 51.65 | 33.93 | 5.15 | 76.9 | 0.623 | 14.8 | 2.1 | 1.8 | 11.4 |
| 4/26/2009 | 20:16:00 | 4/26/2009 20:16:00 | 25.98 | 51.679 | 33.95 | 5.68 | 84.7 | 0.606 | 13.7 | 2 | 0.5 | 11.4 |
| 4/26/2009 | 20:31:00 | 4/26/2009 20:31:00 | 26.05 | 51.669 | 33.94 | 5.28 | 78.8 | 0.593 | 37.3 | 5.3 | 2 | 11.4 |
| 4/26/2009 | 20:46:00 | 4/26/2009 20:46:00 | 25.93 | 51.878 | 34.1 | 5.09 | 76 | 0.581 | 43.4 | 6.2 | 0.7 | 11.4 |
| 4/26/2009 | 21:01:00 | 4/26/2009 21:01:00 | 25.83 | 51.575 | 33.88 | 5.09 | 75.7 | 0.566 | 16.9 | 2.4 | 0 | 11.5 |
| 4/26/2009 | 21:16:00 | 4/26/2009 21:16:00 | 25.85 | 51.764 | 34.02 | 4.6 | 68.5 | 0.553 | 13.7 | 2 | 0.2 | 11.4 |
| 4/26/2009 | 21:31:00 | 4/26/2009 21:31:00 | 25.91 | 51.818 | 34.05 | 4.61 | 68.7 | 0.538 | 13.7 | 2 | 0.3 | 11.4 |
| 4/26/2009 | 21:46:00 | 4/26/2009 21:46:00 | 25.89 | 52.834 | 34.81 | 4.47 | 67 | 0.526 | 22.3 | 3.2 | 0.8 | 11.4 |
| 4/26/2009 | 22:01:00 | 4/26/2009 22:01:00 | 25.83 | 52.255 | 34.38 | 4.4 | 65.7 | 0.513 | 17.2 | 2.5 | 0.7 | 11.5 |
| 4/26/2009 | 22:16:00 | 4/26/2009 22:16:00 | 25.72 | 52.516 | 34.58 | 4.63 | 69.1 | 0.5 | 13.7 | 2 | 2.3 | 11.5 |
| 4/26/2009 | 22:31:00 | 4/26/2009 22:31:00 | 25.63 | 51.942 | 34.15 | 4.41 | 65.5 | 0.487 | 10.1 | 1.4 | 0.1 | 11.4 |
| 4/26/2009 | 22:46:00 | 4/26/2009 22:46:00 | 25.74 | 52.822 | 34.8 | 4.17 | 62.3 | 0.475 | 15.6 | 2.2 | 0 | 11.4 |
| 4/26/2009 | 23:01:00 | 4/26/2009 23:01:00 | 25.71 | 52.778 | 34.77 | 4.19 | 62.5 | 0.463 | 11.3 | 1.6 | 0.7 | 11.4 |
| 4/26/2009 | 23:16:00 | 4/26/2009 23:16:00 | 25.67 | 52.85 | 34.82 | 4.18 | 62.4 | 0.451 | 19.1 | 2.7 | 0.3 | 11.4 |
| 4/26/2009 | 23:31:00 | 4/26/2009 23:31:00 | 25.61 | 52.863 | 34.84 | 3.63 | 54.1 | 0.436 | 16.4 | 2.3 | 0 | 11.4 |
| 4/26/2009 | 23:46:00 | 4/26/2009 23:46:00 | 25.61 | 52.83 | 34.81 | 3.82 | 57 | 0.425 | 11.4 | 1.6 | 0.4 | 11.5 |
| 4/27/2009 | 00:01:00 | 4/27/2009 00:01:00 | 25.5 | 52.617 | 34.66 | 3.74 | 55.6 | 0.413 | 15 | 2.1 | 0.1 | 11.5 |
| 4/27/2009 | 00:16:00 | 4/27/2009 00:16:00 | 25.41 | 51.697 | 33.98 | 3.77 | 55.8 | 0.403 | 10.5 | 1.5 | -0.2 | 11.4 |
| 4/27/2009 | 00:31:00 | 4/27/2009 00:31:00 | 25.36 | 52.222 | 34.37 | 3.54 | 52.4 | 0.394 | 9.9 | 1.4 | -0.5 | 11.4 |
| 4/27/2009 | 00:46:00 | 4/27/2009 00:46:00 | 25.21 | 52.409 | 34.51 | 4.28 | 63.3 | 0.386 | 25.7 | 3.7 | 2.8 | 11.4 |
| 4/27/2009 | 01:01:00 | 4/27/2009 01:01:00 | 25.31 | 52.443 | 34.53 | 3.83 | 56.8 | 0.38 | 13.3 | 1.9 | -0.6 | 11.4 |
| 4/27/2009 | 01:16:00 | 4/27/2009 01:16:00 | 25.26 | 52.446 | 34.54 | 4.05 | 59.9 | 0.378 | 4.7 | 0.7 | 0.9 | 11.4 |
| 4/27/2009 | 01:31:00 | 4/27/2009 01:31:00 | 25.2 | 53.14 | 35.05 | 3.88 | 57.6 | 0.38 | 22.2 | 3.2 | 1 | 11.5 |
| 4/27/2009 | 01:46:00 | 4/27/2009 01:46:00 | 25.09 | 53.45 | 35.28 | 3.89 | 57.6 | 0.381 | 15.3 | 2.2 | 1.8 | 11.4 |
| 4/27/2009 | 02:01:00 | 4/27/2009 02:01:00 | 25.04 | 53.97 | 35.67 | 3.99 | 59.1 | 0.386 | 13.2 | 1.9 | 1.7 | 11.5 |
| 4/27/2009 | 02:16:00 | 4/27/2009 02:16:00 | 24.88 | 54.093 | 35.77 | 4.05 | 59.9 | 0.392 | 10.6 | 1.5 | 2.6 | 11.4 |
| 4/27/2009 | 02:31:00 | 4/27/2009 02:31:00 | 24.69 | 54.172 | 35.83 | 4.14 | 61.1 | 0.398 | 8.8 | 1.3 | 0.7 | 11.4 |
| 4/27/2009 | 02:46:00 | 4/27/2009 02:46:00 | 24.67 | 54.459 | 36.04 | 4.15 | 61.2 | 0.406 | 8.1 | 1.2 | 1.4 | 11.4 |
| 4/27/2009 | 03:01:00 | 4/27/2009 03:01:00 | 24.61 | 54.537 | 36.1 | 4.15 | 61.2 | 0.415 | 15.7 | 2.2 | 0.6 | 11.4 |
| 4/27/2009 | 03:16:00 | 4/27/2009 03:16:00 | 24.39 | 54.227 | 35.88 | 4.46 | 65.6 | 0.424 | 8.1 | 1.2 | 1.2 | 11.4 |
| 4/27/2009 | 03:31:00 | 4/27/2009 03:31:00 | 24.38 | 54.237 | 35.89 | 4.27 | 62.8 | 0.435 | 8.2 | 1.2 | -1.5 | 11.5 |
| 4/27/2009 | 03:46:00 | 4/27/2009 03:46:00 | 24.17 | 54.286 | 35.93 | 4.3 | 63 | 0.446 | 7.6 | 1.1 | 1.2 | 11.4 |
| 4/27/2009 | 04:01:00 | 4/27/2009 04:01:00 | 24.16 | 54.057 | 35.76 | 4.25 | 62.1 | 0.458 | 6.4 | 0.9 | 1.2 | 11.5 |
| 4/27/2009 | 04:16:00 | 4/27/2009 04:16:00 | 23.95 | 53.647 | 35.45 | 4.37 | 63.5 | 0.469 | 8.8 | 1.3 | 0 | 11.4 |
| 4/27/2009 | 04:31:00 | 4/27/2009 04:31:00 | 23.5 | 52.72 | 34.78 | 4.44 | 63.7 | 0.481 | 7.4 | 1.1 | 1.2 | 11.4 |
| 4/27/2009 | 04:46:00 | 4/27/2009 04:46:00 | 23.56 | 52.074 | 34.3 | 4.22 | 60.6 | 0.493 | 6.6 | 0.9 | 0.1 | 11.4 |
| 4/27/2009 | 05:01:00 | 4/27/2009 05:01:00 | 24.82 | 52.525 | 34.6 | 3.77 | 55.4 | 0.504 | 5.7 | 0.8 | 0.1 | 11.4 |
| 4/27/2009 | 05:16:00 | 4/27/2009 05:16:00 | 24.9 | 53.194 | 35.1 | 3.32 | 48.9 | 0.514 | 5.4 | 0.8 | 1.8 | 11.4 |
| 4/27/2009 | 05:31:00 | 4/27/2009 05:31:00 | 24.44 | 52.877 | 34.87 | 3.57 | 52.2 | 0.521 | 7.7 | 1.1 | 2.2 | 11.4 |
| 4/27/2009 | 05:46:00 | 4/27/2009 05:46:00 | 24.08 | 52.213 | 34.39 | 4.05 | 58.7 | 0.527 | 6.6 | 0.9 | 1.1 | 11.4 |
| 4/27/2009 | 06:01:00 | 4/27/2009 06:01:00 | 23.74 | 51.928 | 34.18 | 4.22 | 60.7 | 0.53 | 7.7 | 1.1 | 0.7 | 11.4 |
| 4/27/2009 | 06:16:00 | 4/27/2009 06:16:00 | 23.67 | 51.558 | 33.91 | 4.1 | 58.8 | 0.528 | 8.8 | 1.3 | -1.9 | 11.5 |
| 4/27/2009 | 06:31:00 | 4/27/2009 06:31:00 | 23.56 | 51.189 | 33.64 | 3.92 | 56 | 0.527 | 10.1 | 1.4 | 0.7 | 11.5 |
| 4/27/2009 | 06:46:00 | 4/27/2009 06:46:00 | 23.73 | 51.183 | 33.63 | 3.98 | 57.1 | 0.523 | 13.5 | 1.9 | 1 | 11.4 |
| 4/27/2009 | 07:01:00 | 4/27/2009 07:01:00 | 23.98 | 51.45 | 33.83 | 3.72 | 53.6 | 0.519 | 11.3 | 1.6 | 1.7 | 11.4 |
| 4/27/2009 | 07:16:00 | 4/27/2009 07:16:00 | 24.44 | 52.513 | 34.6 | 3.23 | 47.2 | 0.515 | 8.9 | 1.3 | 1.6 | 11.4 |
| 4/27/2009 | 07:31:00 | 4/27/2009 07:31:00 | 24.59 | 53.163 | 35.08 | 3.09 | 45.3 | 0.513 | 10.9 | 1.6 | 1.2 | 11.4 |
| 4/27/2009 | 07:46:00 | 4/27/2009 07:46:00 | 24.55 | 53.223 | 35.13 | 2.99 | 43.8 | 0.512 | 19.4 | 2.8 | 1.6 | 11.4 |
| 4/27/2009 | 08:01:00 | 4/27/2009 08:01:00 | 23.98 | 52.152 | 34.35 | 3.62 | 52.3 | 0.509 | 12.1 | 1.7 | -1.3 | 11.5 |
| 4/27/2009 | 08:16:00 | 4/27/2009 08:16:00 | 23.41 | | | | | | | | | |

Vester Marine and Environmental Science Research Field Station
YSI 6600 sonde - Water conditions - Data
From 04 17 2009 to 05 01 2009

| Date M/D/Y | Time hh:mm:ss | Date Time M/D/Y hh:mm:ss | Temp C | SpCond mS/cm | Salinity ppt | DO Conc mg/L | DO% % | Depth m | Chlorophyll ug/L | Chlorophyll RFU | Turbidity+ NTU | Battery V |
|---------------|------------------|-----------------------------|-----------|-----------------|-----------------|-----------------|----------|------------|---------------------|--------------------|-------------------|--------------|
| 4/27/2009 | 09:31:00 | 4/27/2009 09:31:00 | 23.22 | 51.329 | 33.75 | 4.34 | 61.8 | 0.51 | 5.7 | 0.8 | -1.5 | 11.4 |
| 4/27/2009 | 09:46:00 | 4/27/2009 09:46:00 | 23.21 | 51.376 | 33.79 | 4.48 | 63.7 | 0.512 | 6.4 | 0.9 | 0.5 | 11.4 |
| 4/27/2009 | 10:01:00 | 4/27/2009 10:01:00 | 23.35 | 51.388 | 33.79 | 4.47 | 63.7 | 0.52 | 6.3 | 0.9 | 0 | 11.4 |
| 4/27/2009 | 10:16:00 | 4/27/2009 10:16:00 | 23.82 | 51.623 | 33.96 | 3.99 | 57.3 | 0.532 | 11.5 | 1.6 | -1.3 | 11.4 |
| 4/27/2009 | 10:31:00 | 4/27/2009 10:31:00 | 23.71 | 51.723 | 34.03 | 4.41 | 63.3 | 0.538 | 10.6 | 1.5 | 0.1 | 11.4 |
| 4/27/2009 | 10:46:00 | 4/27/2009 10:46:00 | 23.85 | 51.832 | 34.11 | 4.49 | 64.7 | 0.548 | 9.2 | 1.3 | 1.5 | 11.5 |
| 4/27/2009 | 11:01:00 | 4/27/2009 11:01:00 | 23.97 | 51.69 | 34 | 4.64 | 66.9 | 0.56 | 8.8 | 1.3 | 4.3 | 11.4 |
| 4/27/2009 | 11:16:00 | 4/27/2009 11:16:00 | 24.01 | 51.507 | 33.87 | 4.64 | 66.9 | 0.575 | 8.7 | 1.2 | 0.3 | 11.4 |
| 4/27/2009 | 11:31:00 | 4/27/2009 11:31:00 | 24.08 | 51.171 | 33.62 | 4.91 | 70.7 | 0.586 | 9.5 | 1.4 | 0 | 11.4 |
| 4/27/2009 | 11:46:00 | 4/27/2009 11:46:00 | 24.24 | 50.822 | 33.36 | 4.94 | 71.3 | 0.595 | 8.9 | 1.3 | 2.1 | 11.4 |
| 4/27/2009 | 12:01:00 | 4/27/2009 12:01:00 | 24.35 | 50.137 | 32.85 | 5.08 | 73.3 | 0.609 | 8.5 | 1.2 | 1.5 | 11.4 |
| 4/27/2009 | 12:16:00 | 4/27/2009 12:16:00 | 24.58 | 50.711 | 33.27 | 5.15 | 74.7 | 0.622 | 12.4 | 1.8 | 4.3 | 11.4 |
| 4/27/2009 | 12:31:00 | 4/27/2009 12:31:00 | 24.6 | 50.75 | 33.3 | 5.13 | 74.5 | 0.638 | 14.1 | 2 | 3.3 | 11.4 |
| 4/27/2009 | 12:46:00 | 4/27/2009 12:46:00 | 24.77 | 49.963 | 32.72 | 5.09 | 73.9 | 0.654 | 10.9 | 1.6 | 2.3 | 11.4 |
| 4/27/2009 | 13:01:00 | 4/27/2009 13:01:00 | 24.8 | 50.049 | 32.78 | 5.31 | 77.2 | 0.672 | 14.4 | 2.1 | 6.4 | 11.4 |
| 4/27/2009 | 13:16:00 | 4/27/2009 13:16:00 | 25.02 | 49.928 | 32.68 | 5.2 | 75.8 | 0.69 | 10.5 | 1.5 | 2.1 | 11.5 |
| 4/27/2009 | 13:31:00 | 4/27/2009 13:31:00 | 25.26 | 50.063 | 32.78 | 5.21 | 76.3 | 0.707 | 7.2 | 1 | 3.4 | 11.4 |
| 4/27/2009 | 13:46:00 | 4/27/2009 13:46:00 | 25.38 | 50.247 | 32.91 | 5.43 | 79.8 | 0.729 | 7.9 | 1.1 | 6.5 | 11.4 |
| 4/27/2009 | 14:01:00 | 4/27/2009 14:01:00 | 25.41 | 50.48 | 33.08 | 5.42 | 79.7 | 0.745 | 7.8 | 1.1 | 3.9 | 11.4 |
| 4/27/2009 | 14:16:00 | 4/27/2009 14:16:00 | 25.45 | 50.656 | 33.21 | 5.51 | 81.1 | 0.766 | 8.9 | 1.3 | 8.6 | 11.5 |
| 4/27/2009 | 14:31:00 | 4/27/2009 14:31:00 | 25.38 | 50.849 | 33.35 | 5.25 | 77.3 | 0.784 | 10.5 | 1.5 | 3.3 | 11.4 |
| 4/27/2009 | 14:46:00 | 4/27/2009 14:46:00 | 25.48 | 50.976 | 33.44 | 5.26 | 77.6 | 0.802 | 8.5 | 1.2 | 3.2 | 11.4 |
| 4/27/2009 | 15:01:00 | 4/27/2009 15:01:00 | 25.37 | 51.155 | 33.58 | 5.13 | 75.6 | 0.818 | 10.3 | 1.5 | 3.6 | 11.4 |
| 4/27/2009 | 15:16:00 | 4/27/2009 15:16:00 | 25.46 | 51.282 | 33.67 | 5.45 | 80.4 | 0.836 | 9.4 | 1.3 | 4.8 | 11.5 |
| 4/27/2009 | 15:31:00 | 4/27/2009 15:31:00 | 25.68 | 51.443 | 33.78 | 5.36 | 79.5 | 0.849 | 15.2 | 2.2 | 3.1 | 11.4 |
| 4/27/2009 | 15:46:00 | 4/27/2009 15:46:00 | 25.78 | 51.624 | 33.91 | 5.88 | 87.4 | 0.861 | 8.7 | 1.2 | 4.6 | 11.4 |
| 4/27/2009 | 16:01:00 | 4/27/2009 16:01:00 | 25.83 | 51.859 | 34.09 | 5.78 | 86.1 | 0.873 | 9.8 | 1.4 | 3.2 | 11.4 |
| 4/27/2009 | 16:16:00 | 4/27/2009 16:16:00 | 25.88 | 51.929 | 34.14 | 5.79 | 86.4 | 0.876 | 9.8 | 1.4 | 5 | 11.4 |
| 4/27/2009 | 16:31:00 | 4/27/2009 16:31:00 | 25.92 | 52.045 | 34.22 | 5.77 | 86.1 | 0.878 | 10.2 | 1.5 | 4.9 | 11.4 |
| 4/27/2009 | 16:46:00 | 4/27/2009 16:46:00 | 25.97 | 52.129 | 34.28 | 5.78 | 86.4 | 0.868 | 7.7 | 1.1 | 5.7 | 11.4 |
| 4/27/2009 | 17:01:00 | 4/27/2009 17:01:00 | 26.04 | 52.177 | 34.32 | 5.79 | 86.7 | 0.859 | 11 | 1.6 | 10.1 | 11.4 |
| 4/27/2009 | 17:16:00 | 4/27/2009 17:16:00 | 26.09 | 52.452 | 34.52 | 6.11 | 91.7 | 0.847 | 13.7 | 2 | 6.1 | 11.4 |
| 4/27/2009 | 17:31:00 | 4/27/2009 17:31:00 | 26.09 | 52.555 | 34.6 | 5.85 | 87.8 | 0.836 | 22.1 | 3.2 | 3.7 | 11.4 |
| 4/27/2009 | 17:46:00 | 4/27/2009 17:46:00 | 26.07 | 53.025 | 34.94 | 5.85 | 88 | 0.82 | 20.2 | 2.9 | 4 | 11.4 |
| 4/27/2009 | 18:01:00 | 4/27/2009 18:01:00 | 26.05 | 53.328 | 35.17 | 5.94 | 89.3 | 0.809 | 26.7 | 3.8 | 2.7 | 11.5 |
| 4/27/2009 | 18:16:00 | 4/27/2009 18:16:00 | 26.15 | 53.098 | 35 | 5.92 | 89.1 | 0.799 | 19.6 | 2.8 | 3.3 | 11.4 |
| 4/27/2009 | 18:31:00 | 4/27/2009 18:31:00 | 26.15 | 52.902 | 34.85 | 5.85 | 88 | 0.779 | 15.3 | 2.2 | 2.6 | 11.4 |
| 4/27/2009 | 18:46:00 | 4/27/2009 18:46:00 | 26.1 | 52.603 | 34.63 | 5.86 | 88 | 0.768 | 14.1 | 2 | 5.1 | 11.5 |
| 4/27/2009 | 19:01:00 | 4/27/2009 19:01:00 | 26.07 | 52.643 | 34.66 | 5.8 | 87.1 | 0.751 | 12.8 | 1.8 | 3.5 | 11.5 |
| 4/27/2009 | 19:16:00 | 4/27/2009 19:16:00 | 26.02 | 52.406 | 34.49 | 5.78 | 86.5 | 0.735 | 10.7 | 1.5 | 4.3 | 11.4 |
| 4/27/2009 | 19:31:00 | 4/27/2009 19:31:00 | 25.91 | 52.209 | 34.34 | 5.8 | 86.6 | 0.721 | 12 | 1.7 | 3.6 | 11.5 |
| 4/27/2009 | 19:46:00 | 4/27/2009 19:46:00 | 25.82 | 51.997 | 34.19 | 5.96 | 88.9 | 0.706 | 9.8 | 1.4 | 0.5 | 11.5 |
| 4/27/2009 | 20:01:00 | 4/27/2009 20:01:00 | 25.85 | 52.209 | 34.35 | 5.94 | 88.6 | 0.686 | 14.4 | 2.1 | 2.5 | 11.4 |
| 4/27/2009 | 20:16:00 | 4/27/2009 20:16:00 | 25.87 | 52.687 | 34.7 | 5.52 | 82.6 | 0.669 | 24.5 | 3.5 | 6.1 | 11.4 |
| 4/27/2009 | 20:31:00 | 4/27/2009 20:31:00 | 25.85 | 52.221 | 34.35 | 5.74 | 85.7 | 0.654 | 18.2 | 2.6 | 5.9 | 11.4 |
| 4/27/2009 | 20:46:00 | 4/27/2009 20:46:00 | 25.78 | 52.183 | 34.33 | 5.74 | 85.6 | 0.641 | 16.8 | 2.4 | 3.7 | 11.4 |
| 4/27/2009 | 21:01:00 | 4/27/2009 21:01:00 | 25.76 | 52.144 | 34.3 | 4.93 | 73.4 | 0.626 | 9.8 | 1.4 | 3.9 | 11.4 |
| 4/27/2009 | 21:16:00 | 4/27/2009 21:16:00 | 25.58 | 52.011 | 34.21 | 5.66 | 84 | 0.61 | 9.4 | 1.3 | 5.5 | 11.4 |
| 4/27/2009 | 21:31:00 | 4/27/2009 21:31:00 | 25.69 | 52.107 | 34.27 | 5.65 | 84 | 0.598 | 9.2 | 1.3 | 2.7 | 11.5 |
| 4/27/2009 | 21:46:00 | 4/27/2009 21:46:00 | 25.62 | 51.944 | 34.16 | 5.54 | 82.2 | 0.583 | 10.5 | 1.5 | 3.3 | 11.4 |
| 4/27/2009 | 22:01:00 | 4/27/2009 22:01:00 | 25.47 | 52.075 | 34.26 | 5.66 | 83.8 | 0.568 | 9 | 1.3 | 2.7 | 11.4 |
| 4/27/2009 | 22:16:00 | 4/27/2009 22:16:00 | 25.65 | 52.39 | 34.48 | 5.39 | 80.3 | 0.554 | 8 | 1.1 | 4.9 | 11.4 |
| 4/27/2009 | 22:31:00 | 4/27/2009 22:31:00 | 25.39 | 52.244 | 34.38 | 5.43 | 80.4 | 0.54 | 8.9 | 1.3 | 2.4 | 11.4 |
| 4/27/2009 | 22:46:00 | 4/27/2009 22:46:00 | 25.58 | 52.418 | 34.51 | 5.53 | 82.2 | 0.525 | 8.7 | 1.2 | 6.7 | 11.5 |
| 4/27/2009 | 23:01:00 | 4/27/2009 23:01:00 | 25.65 | 52.83 | 34.81 | 5.51 | 82.2 | 0.512 | 8.3 | 1.2 | 6.5 | 11.4 |
| 4/27/2009 | 23:16:00 | 4/27/2009 23:16:00 | 25.01 | 52.452 | 34.55 | 5.26 | 77.5 | 0.497 | 7.5 | 1.1 | 1.7 | 11.5 |
| 4/27/2009 | 23:31:00 | 4/27/2009 23:31:00 | 25.32 | 52.126 | 34.3 | 5.21 | 77.1 | 0.483 | 8.3 | 1.2 | 2.8 | 11.4 |
| 4/27/2009 | 23:46:00 | 4/27/2009 23:46:00 | 24.98 | 52.416 | 34.52 | 5.36 | 78.9 | 0.472 | 7.6 | 1.1 | 3 | 11.4 |
| 4/28/2009 | 00:01:00 | 4/28/2009 00:01:00 | 24.82 | 52.133 | 34.31 | 5.13 | 75.2 | 0.459 | 7.4 | 1.1 | 3.6 | 11.4 |
| 4/28/2009 | 00:16:00 | 4/28/2009 00:16:00 | 24.87 | 52.054 | 34.25 | 5.17 | 75.9 | 0.445 | 7.5 | 1.1 | 7.1 | 11.4 |
| 4/28/2009 | 00:31:00 | 4/28/2009 00:31:00 | 25.38 | 52.233 | 34.38 | 4.98 | 73.7 | 0.433 | 10.3 | 1.5 | 3.2 | 11.5 |
| 4/28/2009 | 00:46:00 | 4/28/2009 00:46:00 | 24.83 | 52.172 | 34.34 | 5.19 | 76.1 | 0.419 | 7.8 | 1.1 | 4.8 | 11.5 |
| 4/28/2009 | 01:01:00 | 4/28/2009 01:01:00 | 24.89 | 52.04 | 34.24 | 5.04 | 73.9 | 0.408 | 7.3 | 1 | 6.5 | 11.4 |
| 4/28/2009 | 01:16:00 | 4/28/2009 01:16:00 | 24.97 | 52.329 | 34.46 | 4.89 | 71.9 | 0.396 | 8.1 | 1.2 | 4.8 | 11.4 |
| 4/28/2009 | 01:31:00 | 4/28/2009 01:31:00 | 24.86 | 52.187 | 34.35 | 4.96 | 72.7 | 0.384 | 7.3 | 1 | 4.5 | 11.4 |
| 4/28/2009 | 01:46:00 | 4/28/2009 01:46:00 | 25.04 | 52.371 | 34.48 | 4.04 | 59.4 | 0.374 | 9.6 | 1.4 | 4.8 | 11.5 |
| 4/28/2009 | 02:01:00 | 4/28/2009 02:01:00 | 24.7 | 51.923 | 34.16 | 4.42 | 64.6 | 0.365 | 8.8 | 1.3 | 6.3 | 11.4 |
| 4/28/2009 | 02:16:00 | 4/28/2009 02:16:00 | 24.48 | 52.116 | 34.31 | 4.74 | 69.1 | 0.357 | 17.9 | 2.6 | 5 | 11.4 |
| 4/28/2009 | 02:31:00 | 4/28/2009 02:31:00 | 24.21 | 51.978 | 34.21 | 4.89 | 70.9 | 0.35 | 13.6 | 1.9 | 0.5 | 11.4 |
| 4/28/2009 | 02:46:00 | 4/28/2009 02:46:00 | 24.22 | 51.833 | 34.1 | 4.72 | 68.4 | 0.347 | 12.9 | 1.8 | 3.6 | 11.4 |
| 4/28/2009 | 03:01:00 | 4/28/2009 03:01:00 | 24.31 | 51.921 | 34.17 | 4.7 | 68.3 | 0.346 | 9.6 | 1.4 | 3.1 | 11.4 |
| 4/28/2009 | 03:16:00 | 4/28/2009 03:16:00 | 24.48 | 52.01 | 34.23 | 4.59 | 66.9 | 0.349 | 9.2 | 1.3 | 1.4 | 11.5 |
| 4/28/2009 | 03:31:00 | 4/28/2009 03:31:00 | 24.6 | 52.184 | 34.36 | 3.73 | 54.5 | 0.352 | 8.1 | 1.2 | 2.6 | 11.5 |
| 4/28/2009 | 03:46:00 | 4/28/2009 03:46:00 | 24.63 | 52.337 | 34.47 | 3.54 | 51.8 | 0.358 | 3.9 | 0.6 | 4.5 | 11.4 |
| 4/28/2009 | 04:01:00 | 4/28/2009 04:01:00 | 24.77 | 52.941 | 34.91 | 3.53 | 51.9 | 0.365 | 4.7 | 0.7 | 6 | 11.4 |
| 4/28/2009 | 04:16:00 | 4/28/2009 04:16:00 | 24.66 | 53.423 | 35.27 | 3.58 | 52.6 | 0.372 | 4.4 | 0.6 | 7.8 | 11.4 |
| 4/28/2009 | 04:31:00 | 4/28/2009 04:31:00 | 24.53 | 54.297 | 35.93 | 3.65 | 53.8 | 0.382 | 7.9 | 1.1 | 6.4 | 11.4 |
| 4/28/2009 | 04:46:00 | 4/28/2009 04:46:00 | 24.26 | 54.557 | 36.13 | 3.85 | 56.5 | 0.392 | 5.2 | 0.7 | 6.7 | 11.4 |
| 4/28/2009 | 05:01:00 | 4/28/2009 05:01:00 | 24.14 | 54.44 | 36.04 | 3.42 | 50.1 | 0.401 | 6.2 | 0.9 | 5.7 | 11.4 |
| 4/28/2009 | 05:16:00 | 4/28/2009 05:16:00 | 24.03 | 54.197 | 35.86 | 3.59 | 52.5 | 0.413 | 5.3 | 0.8 | 4.3 | 11.4 |
| 4/28/2009 | 05:31:00 | 4/28/2009 05:31:00 | 23.94 | 53.812 | 35.58 | 3.76 | 54.7 | 0.423 | 5 | 0.7 | 1.7 | 11.5 |
| 4/28/2009 | 05:46:00 | 4/28/2009 05:46:00 | 23.34 | 53.083 | 35.05 | 4.02 | 57.6 | 0.436 | 8.2 | 1.2 | 5.3 | 11.4 |
| 4/28/2009 | 06:01:00 | 4/28/2009 06:01:00 | 23.34 | | | | | | | | | |

Vester Marine and Environmental Science Research Field Station
YSI 6600 sonde - Water conditions - Data
From 04 17 2009 to 05 01 2009

| Date M/D/Y | Time hh:mm:ss | Date Time M/D/Y hh:mm:ss | Temp C | SpCond ms/cm | Salinity ppt | DO Conc mg/L | DO% % | Depth m | Chlorophyll ug/L | Chlorophyll RFU | Turbidity+ NTU | Battery V |
|---------------|------------------|-----------------------------|-----------|-----------------|-----------------|-----------------|----------|------------|---------------------|--------------------|-------------------|--------------|
| 4/28/2009 | 07:16:00 | 4/28/2009 07:16:00 | 23.27 | 51.649 | 33.99 | 4.26 | 60.7 | 0.501 | 7 | 1 | 4.3 | 11.4 |
| 4/28/2009 | 07:31:00 | 4/28/2009 07:31:00 | 23.3 | 50.813 | 33.37 | 4.24 | 60.2 | 0.511 | 9.5 | 1.3 | 5.9 | 11.4 |
| 4/28/2009 | 07:46:00 | 4/28/2009 07:46:00 | 23.3 | 51.053 | 33.55 | 4.22 | 60 | 0.517 | 9.5 | 1.4 | 0.1 | 11.4 |
| 4/28/2009 | 08:01:00 | 4/28/2009 08:01:00 | 23.21 | 50.355 | 33.03 | 3.95 | 55.9 | 0.523 | 15.4 | 2.2 | 6.5 | 11.4 |
| 4/28/2009 | 08:16:00 | 4/28/2009 08:16:00 | 23.16 | 49.995 | 32.77 | 4.09 | 57.8 | 0.525 | 10.3 | 1.5 | 8 | 11.4 |
| 4/28/2009 | 08:31:00 | 4/28/2009 08:31:00 | 23.16 | 49.952 | 32.74 | 3.98 | 56.1 | 0.525 | 11 | 1.6 | 3.1 | 11.4 |
| 4/28/2009 | 08:46:00 | 4/28/2009 08:46:00 | 23.23 | 50.278 | 32.98 | 4.11 | 58.1 | 0.522 | 10.1 | 1.4 | -0.2 | 11.4 |
| 4/28/2009 | 09:01:00 | 4/28/2009 09:01:00 | 23.2 | 50.324 | 33.01 | 4.31 | 61 | 0.523 | 10.8 | 1.5 | 3.3 | 11.4 |
| 4/28/2009 | 09:16:00 | 4/28/2009 09:16:00 | 23.31 | 50.583 | 33.2 | 4.35 | 61.8 | 0.528 | 8.3 | 1.2 | 4 | 11.4 |
| 4/28/2009 | 09:31:00 | 4/28/2009 09:31:00 | 23.49 | 51.152 | 33.62 | 4.31 | 61.5 | 0.532 | 9.1 | 1.3 | 2.3 | 11.5 |
| 4/28/2009 | 09:46:00 | 4/28/2009 09:46:00 | 23.28 | 51.003 | 33.51 | 4.44 | 63.2 | 0.534 | 8.4 | 1.2 | 2.4 | 11.4 |
| 4/28/2009 | 10:01:00 | 4/28/2009 10:01:00 | 23.45 | 50.833 | 33.38 | 4.45 | 63.4 | 0.541 | 8.4 | 1.2 | 3.9 | 11.4 |
| 4/28/2009 | 10:16:00 | 4/28/2009 10:16:00 | 23.5 | 50.796 | 33.35 | 4.58 | 65.2 | 0.545 | 11 | 1.6 | 2.3 | 11.4 |
| 4/28/2009 | 10:31:00 | 4/28/2009 10:31:00 | 23.76 | 51.105 | 33.58 | 4.46 | 63.9 | 0.555 | 8.1 | 1.2 | 7.2 | 11.4 |
| 4/28/2009 | 10:46:00 | 4/28/2009 10:46:00 | 23.78 | 50.912 | 33.43 | 4.55 | 65.2 | 0.56 | 9.2 | 1.3 | 0.7 | 11.4 |
| 4/28/2009 | 11:01:00 | 4/28/2009 11:01:00 | 23.91 | 51.015 | 33.51 | 4.6 | 66.1 | 0.563 | 8.5 | 1.2 | 1.8 | 11.4 |
| 4/28/2009 | 11:16:00 | 4/28/2009 11:16:00 | 23.97 | 50.933 | 33.45 | 4.8 | 69 | 0.577 | 8.7 | 1.2 | 2 | 11.4 |
| 4/28/2009 | 11:31:00 | 4/28/2009 11:31:00 | 24.3 | 50.993 | 33.48 | 4.83 | 69.8 | 0.585 | 8 | 1.1 | 5.8 | 11.4 |
| 4/28/2009 | 11:46:00 | 4/28/2009 11:46:00 | 24.55 | 51.124 | 33.57 | 5.03 | 73.1 | 0.596 | 8.2 | 1.2 | 5.2 | 11.4 |
| 4/28/2009 | 12:01:00 | 4/28/2009 12:01:00 | 24.69 | 50.917 | 33.42 | 5.04 | 73.4 | 0.606 | 6.6 | 0.9 | 6.5 | 11.4 |
| 4/28/2009 | 12:16:00 | 4/28/2009 12:16:00 | 24.64 | 50.986 | 33.47 | 4.84 | 70.5 | 0.619 | 7.6 | 1.1 | 3.1 | 11.4 |
| 4/28/2009 | 12:31:00 | 4/28/2009 12:31:00 | 24.75 | 50.87 | 33.38 | 5.12 | 74.6 | 0.631 | 8.9 | 1.3 | 3.9 | 11.4 |
| 4/28/2009 | 12:46:00 | 4/28/2009 12:46:00 | 24.85 | 50.536 | 33.14 | 5.09 | 74.2 | 0.642 | 7.2 | 1 | 5.3 | 11.4 |
| 4/28/2009 | 13:01:00 | 4/28/2009 13:01:00 | 24.83 | 50.665 | 33.23 | 4.94 | 72 | 0.658 | 8.1 | 1.2 | 3 | 11.4 |
| 4/28/2009 | 13:16:00 | 4/28/2009 13:16:00 | 25 | 50.415 | 33.04 | 5.09 | 74.4 | 0.673 | 8.4 | 1.2 | 7.9 | 11.4 |
| 4/28/2009 | 13:31:00 | 4/28/2009 13:31:00 | 25 | 50.54 | 33.13 | 4.93 | 72 | 0.689 | 12.8 | 1.8 | 9 | 11.4 |
| 4/28/2009 | 13:46:00 | 4/28/2009 13:46:00 | 25.04 | 50.608 | 33.18 | 5.26 | 77 | 0.707 | 11.8 | 1.7 | 9.1 | 11.4 |
| 4/28/2009 | 14:01:00 | 4/28/2009 14:01:00 | 25.17 | 50.667 | 33.22 | 5.2 | 76.2 | 0.724 | 10.8 | 1.6 | 9.4 | 11.4 |
| 4/28/2009 | 14:16:00 | 4/28/2009 14:16:00 | 25.05 | 50.891 | 33.39 | 5.34 | 78.2 | 0.744 | 28.2 | 4 | 7.9 | 11.4 |
| 4/28/2009 | 14:31:00 | 4/28/2009 14:31:00 | 25.13 | 50.955 | 33.44 | 5.31 | 77.9 | 0.76 | 23.7 | 3.4 | 9.1 | 11.4 |
| 4/28/2009 | 14:46:00 | 4/28/2009 14:46:00 | 25.16 | 51.102 | 33.55 | 5.41 | 79.4 | 0.773 | 16.3 | 2.3 | 12.1 | 11.3 |
| 4/28/2009 | 15:01:00 | 4/28/2009 15:01:00 | 25.12 | 51.259 | 33.66 | 5.84 | 85.8 | 0.798 | 23 | 3.3 | 7.8 | 11.4 |
| 4/28/2009 | 15:16:00 | 4/28/2009 15:16:00 | 25.25 | 51.279 | 33.67 | 6.02 | 88.6 | 0.815 | 18.4 | 2.6 | 10.8 | 11.4 |
| 4/28/2009 | 15:31:00 | 4/28/2009 15:31:00 | 25.6 | 51.688 | 33.97 | 5.55 | 82.3 | 0.834 | 10 | 1.4 | 11.9 | 11.4 |
| 4/28/2009 | 15:46:00 | 4/28/2009 15:46:00 | 25.69 | 52.032 | 34.22 | 5.7 | 84.8 | 0.848 | 11.4 | 1.6 | 12.6 | 11.4 |
| 4/28/2009 | 16:01:00 | 4/28/2009 16:01:00 | 25.82 | 52.076 | 34.25 | 5.81 | 86.5 | 0.864 | 14.2 | 2 | 6.2 | 11.4 |
| 4/28/2009 | 16:16:00 | 4/28/2009 16:16:00 | 25.86 | 52.32 | 34.43 | 5.73 | 85.5 | 0.873 | 13 | 1.9 | 12.3 | 11.4 |
| 4/28/2009 | 16:31:00 | 4/28/2009 16:31:00 | 25.97 | 52.471 | 34.54 | 5.76 | 86.2 | 0.883 | 10.7 | 1.5 | 13.1 | 11.4 |
| 4/28/2009 | 16:46:00 | 4/28/2009 16:46:00 | 25.99 | 52.527 | 34.58 | 5.41 | 81.1 | 0.889 | 10.9 | 1.6 | 12.2 | 11.4 |
| 4/28/2009 | 17:01:00 | 4/28/2009 17:01:00 | 26.07 | 52.62 | 34.64 | 5.89 | 88.3 | 0.891 | 11.8 | 1.7 | 8.3 | 11.4 |
| 4/28/2009 | 17:16:00 | 4/28/2009 17:16:00 | 26.09 | 52.748 | 34.74 | 5.9 | 88.6 | 0.888 | 9.7 | 1.4 | 12.5 | 11.4 |
| 4/28/2009 | 17:31:00 | 4/28/2009 17:31:00 | 26.1 | 52.841 | 34.81 | 5.69 | 85.6 | 0.878 | 9.6 | 1.4 | 16.6 | 11.4 |
| 4/28/2009 | 17:46:00 | 4/28/2009 17:46:00 | 26.12 | 52.83 | 34.8 | 5.64 | 84.8 | 0.868 | 10.7 | 1.5 | 12 | 11.4 |
| 4/28/2009 | 18:01:00 | 4/28/2009 18:01:00 | 26.2 | 52.953 | 34.89 | 5.83 | 87.8 | 0.855 | 11.2 | 1.6 | 12.9 | 11.4 |
| 4/28/2009 | 18:16:00 | 4/28/2009 18:16:00 | 26.23 | 52.994 | 34.92 | 5.75 | 86.7 | 0.842 | 14.6 | 2.1 | 14 | 11.4 |
| 4/28/2009 | 18:31:00 | 4/28/2009 18:31:00 | 26.24 | 53.039 | 34.95 | 5.86 | 88.4 | 0.828 | 17.9 | 2.6 | 10.9 | 11.4 |
| 4/28/2009 | 18:46:00 | 4/28/2009 18:46:00 | 26.29 | 53.09 | 34.99 | 5.97 | 90.1 | 0.815 | 15.9 | 2.3 | 12.2 | 11.4 |
| 4/28/2009 | 19:01:00 | 4/28/2009 19:01:00 | 26.3 | 53.084 | 34.98 | 5.68 | 85.8 | 0.802 | 14.8 | 2.1 | 12 | 11.4 |
| 4/28/2009 | 19:16:00 | 4/28/2009 19:16:00 | 26.32 | 53.06 | 34.96 | 5.9 | 89 | 0.785 | 16.6 | 2.4 | 13.9 | 11.4 |
| 4/28/2009 | 19:31:00 | 4/28/2009 19:31:00 | 26.33 | 53.012 | 34.93 | 5.74 | 86.6 | 0.771 | 16.8 | 2.4 | 12 | 11.4 |
| 4/28/2009 | 19:46:00 | 4/28/2009 19:46:00 | 26.33 | 52.922 | 34.86 | 5.83 | 87.9 | 0.754 | 14.1 | 2 | 2 | 11.4 |
| 4/28/2009 | 20:01:00 | 4/28/2009 20:01:00 | 26.33 | 52.935 | 34.87 | 5.66 | 85.5 | 0.739 | 13.6 | 1.9 | 8.1 | 11.3 |
| 4/28/2009 | 20:16:00 | 4/28/2009 20:16:00 | 26.31 | 53.007 | 34.92 | 5.84 | 88.1 | 0.721 | 12.2 | 1.7 | 7.2 | 11.4 |
| 4/28/2009 | 20:31:00 | 4/28/2009 20:31:00 | 26.29 | 53.099 | 34.99 | 5.49 | 82.9 | 0.706 | 14.7 | 2.1 | 6.9 | 11.4 |
| 4/28/2009 | 20:46:00 | 4/28/2009 20:46:00 | 26.28 | 53.204 | 35.07 | 5.18 | 78.2 | 0.689 | 12.9 | 1.8 | 9.2 | 11.4 |
| 4/28/2009 | 21:01:00 | 4/28/2009 21:01:00 | 26.27 | 53.197 | 35.07 | 4.93 | 74.4 | 0.673 | 13 | 1.9 | 8.8 | 11.3 |
| 4/28/2009 | 21:16:00 | 4/28/2009 21:16:00 | 26.29 | 52.985 | 34.91 | 4.88 | 73.5 | 0.659 | 12.3 | 1.8 | 7.8 | 11.4 |
| 4/28/2009 | 21:31:00 | 4/28/2009 21:31:00 | 26.14 | 52.867 | 34.83 | 5.61 | 84.4 | 0.643 | 10.1 | 1.4 | 3.4 | 11.4 |
| 4/28/2009 | 21:46:00 | 4/28/2009 21:46:00 | 26.17 | 52.913 | 34.86 | 5.58 | 84 | 0.627 | 12.3 | 1.8 | 12.5 | 11.4 |
| 4/28/2009 | 22:01:00 | 4/28/2009 22:01:00 | 26.15 | 53.012 | 34.93 | 5.65 | 85.1 | 0.613 | 10.4 | 1.5 | 7.3 | 11.4 |
| 4/28/2009 | 22:16:00 | 4/28/2009 22:16:00 | 25.98 | 52.901 | 34.85 | 5.55 | 83.3 | 0.597 | 9.8 | 1.4 | 8.3 | 11.3 |
| 4/28/2009 | 22:31:00 | 4/28/2009 22:31:00 | 26 | 52.841 | 34.81 | 5.58 | 83.7 | 0.582 | 11.8 | 1.7 | 11.6 | 11.4 |
| 4/28/2009 | 22:46:00 | 4/28/2009 22:46:00 | 25.92 | 52.925 | 34.87 | 5.39 | 80.8 | 0.567 | 10.2 | 1.5 | 7.4 | 11.4 |
| 4/28/2009 | 23:01:00 | 4/28/2009 23:01:00 | 25.78 | 52.868 | 34.84 | 5.37 | 80.3 | 0.551 | 10.6 | 1.5 | 10.8 | 11.4 |
| 4/28/2009 | 23:16:00 | 4/28/2009 23:16:00 | 25.78 | 52.84 | 34.81 | 5.31 | 79.4 | 0.539 | 13.3 | 1.9 | 10.6 | 11.4 |
| 4/28/2009 | 23:31:00 | 4/28/2009 23:31:00 | 25.74 | 52.832 | 34.81 | 5.1 | 76.1 | 0.525 | 13.8 | 2 | 10.8 | 11.4 |
| 4/28/2009 | 23:46:00 | 4/28/2009 23:46:00 | 25.59 | 52.839 | 34.82 | 4.87 | 72.5 | 0.51 | 10.4 | 1.5 | 4.7 | 11.4 |
| 4/29/2009 | 00:01:00 | 4/29/2009 00:01:00 | 25.59 | 52.889 | 34.86 | 5.1 | 76 | 0.496 | 13.1 | 1.9 | 14.2 | 11.4 |
| 4/29/2009 | 00:16:00 | 4/29/2009 00:16:00 | 25.51 | 52.826 | 34.81 | 5.01 | 74.5 | 0.482 | 15 | 2.2 | 10.5 | 11.4 |
| 4/29/2009 | 00:31:00 | 4/29/2009 00:31:00 | 25.52 | 52.824 | 34.81 | 4.76 | 70.8 | 0.47 | 12.2 | 1.8 | 11.6 | 11.4 |
| 4/29/2009 | 00:46:00 | 4/29/2009 00:46:00 | 25.42 | 52.778 | 34.78 | 4.61 | 68.4 | 0.456 | 9.9 | 1.4 | 11.1 | 11.4 |
| 4/29/2009 | 01:01:00 | 4/29/2009 01:01:00 | 25.35 | 52.744 | 34.75 | 4.44 | 65.8 | 0.441 | 10 | 1.4 | 10.4 | 11.4 |
| 4/29/2009 | 01:16:00 | 4/29/2009 01:16:00 | 25.26 | 52.737 | 34.75 | 4.6 | 68.1 | 0.429 | 8.8 | 1.3 | 11.5 | 11.4 |
| 4/29/2009 | 01:31:00 | 4/29/2009 01:31:00 | 25.19 | 52.735 | 34.75 | 4.58 | 67.8 | 0.416 | 8.5 | 1.2 | 12.2 | 11.4 |
| 4/29/2009 | 01:46:00 | 4/29/2009 01:46:00 | 25.12 | 52.699 | 34.73 | 4.72 | 69.6 | 0.403 | 9.2 | 1.3 | 14.5 | 11.4 |
| 4/29/2009 | 02:01:00 | 4/29/2009 02:01:00 | 25.11 | 52.763 | 34.77 | 4.83 | 71.3 | 0.391 | 8.5 | 1.2 | 8.2 | 11.4 |
| 4/29/2009 | 02:16:00 | 4/29/2009 02:16:00 | 25.16 | 52.643 | 34.68 | 4.91 | 72.6 | 0.381 | 8.5 | 1.2 | 10.5 | 11.4 |
| 4/29/2009 | 02:31:00 | 4/29/2009 02:31:00 | 25.09 | 52.788 | 34.79 | 4.77 | 70.4 | 0.371 | 8.7 | 1.2 | 9.8 | 11.4 |
| 4/29/2009 | 02:46:00 | 4/29/2009 02:46:00 | 25.15 | 52.738 | 34.75 | 4.67 | 69 | 0.363 | 9.9 | 1.4 | 8.4 | 11.4 |
| 4/29/2009 | 03:01:00 | 4/29/2009 03:01:00 | 25.37 | 53.114 | 35.03 | 4.53 | 67.2 | 0.355 | 9.8 | 1.4 | 7.4 | 11.4 |
| 4/29/2009 | 03:16:00 | 4/29/2009 03:16:00 | 25.41 | 53.274 | 35.15 | 4.52 | 67.2 | 0.35 | 11.9 | 1.7 | 12 | 11.4 |
| 4/29/2009 | 03:31:00 | 4/29/2009 03:31:00 | 25.49 | 53.387 | 35.23 | 4.19 | 62.4 | 0.348 | 13.6 | 2 | 10.9 | 11.4 |
| 4/29/2009 | 03:46:00 | 4/29/2009 03:46 | | | | | | | | | | |

Vester Marine and Environmental Science Research Field Station
YSI 6600 sonde - Water conditions - Data
From 04 17 2009 to 05 01 2009

| Date M/D/Y | Time hh:mm:ss | Date Time M/D/Y hh:mm:ss | Temp C | SpCond mS/cm | Salinity ppt | DO Conc mg/L | DO% % | Depth m | Chlorophyll ug/L | Chlorophyll RFU | Turbidity+ NTU | Battery V |
|---------------|------------------|-----------------------------|-----------|-----------------|-----------------|-----------------|----------|------------|---------------------|--------------------|-------------------|--------------|
| 4/29/2009 | 05:01:00 | 4/29/2009 05:01:00 | 25.39 | 53.745 | 35.5 | 3.81 | 56.8 | 0.375 | 6.2 | 0.9 | 7.2 | 11.3 |
| 4/29/2009 | 05:16:00 | 4/29/2009 05:16:00 | 24.78 | 53.445 | 35.29 | 3.69 | 54.3 | 0.383 | 6.6 | 0.9 | 10 | 11.4 |
| 4/29/2009 | 05:31:00 | 4/29/2009 05:31:00 | 24.66 | 54.232 | 35.88 | 3.89 | 57.3 | 0.393 | 7.2 | 1 | 12.7 | 11.4 |
| 4/29/2009 | 05:46:00 | 4/29/2009 05:46:00 | 24.58 | 54.385 | 35.99 | 4.16 | 61.3 | 0.402 | 6.2 | 0.9 | 10.4 | 11.3 |
| 4/29/2009 | 06:01:00 | 4/29/2009 06:01:00 | 24.58 | 54.198 | 35.85 | 3.68 | 54.2 | 0.413 | 6.5 | 0.9 | 9 | 11.4 |
| 4/29/2009 | 06:16:00 | 4/29/2009 06:16:00 | 24.22 | 53.922 | 35.65 | 3.84 | 56.2 | 0.424 | 6 | 0.9 | 12.2 | 11.3 |
| 4/29/2009 | 06:31:00 | 4/29/2009 06:31:00 | 23.87 | 53.363 | 35.24 | 4.31 | 62.5 | 0.437 | 11.5 | 1.6 | 7.2 | 11.4 |
| 4/29/2009 | 06:46:00 | 4/29/2009 06:46:00 | 23.84 | 53.173 | 35.1 | 4.56 | 66.1 | 0.448 | 11.6 | 1.7 | 1.4 | 11.4 |
| 4/29/2009 | 07:01:00 | 4/29/2009 07:01:00 | 23.89 | 52.827 | 34.85 | 4.41 | 63.8 | 0.461 | 9.2 | 1.3 | 8.1 | 11.5 |
| 4/29/2009 | 07:16:00 | 4/29/2009 07:16:00 | 24 | 52.904 | 34.9 | 4.3 | 62.4 | 0.472 | 8.8 | 1.3 | 3.4 | 11.4 |
| 4/29/2009 | 07:31:00 | 4/29/2009 07:31:00 | 23.95 | 53.013 | 34.98 | 4.36 | 63.2 | 0.482 | 9.9 | 1.4 | 7 | 11.4 |
| 4/29/2009 | 07:46:00 | 4/29/2009 07:46:00 | 23.8 | 52.433 | 34.56 | 4.39 | 63.3 | 0.494 | 12.5 | 1.8 | 3.7 | 11.4 |
| 4/29/2009 | 08:01:00 | 4/29/2009 08:01:00 | 23.84 | 51.672 | 33.99 | 4 | 57.6 | 0.503 | 12.4 | 1.8 | 3.9 | 11.4 |
| 4/29/2009 | 08:16:00 | 4/29/2009 08:16:00 | 23.79 | 51.776 | 34.07 | 4.51 | 64.9 | 0.508 | 10.2 | 1.5 | 4.7 | 11.4 |
| 4/29/2009 | 08:31:00 | 4/29/2009 08:31:00 | 23.79 | 51.298 | 33.72 | 4.11 | 59 | 0.513 | 11 | 1.6 | 2.5 | 11.4 |
| 4/29/2009 | 08:46:00 | 4/29/2009 08:46:00 | 23.81 | 50.786 | 33.34 | 4.02 | 57.6 | 0.518 | 13.7 | 2 | 10.4 | 11.4 |
| 4/29/2009 | 09:01:00 | 4/29/2009 09:01:00 | 23.87 | 51.17 | 33.62 | 4.41 | 63.4 | 0.513 | 13.7 | 2 | 0 | 11.4 |
| 4/29/2009 | 09:16:00 | 4/29/2009 09:16:00 | 23.76 | 51.059 | 33.54 | 4.31 | 61.7 | 0.517 | 12.6 | 1.8 | 15.3 | 11.4 |
| 4/29/2009 | 09:31:00 | 4/29/2009 09:31:00 | 23.96 | 51.329 | 33.74 | 4.47 | 64.4 | 0.517 | 10.9 | 1.6 | 8.1 | 11.4 |
| 4/29/2009 | 09:46:00 | 4/29/2009 09:46:00 | 24.11 | 51.755 | 34.05 | 4.38 | 63.3 | 0.518 | 9.6 | 1.4 | 1.5 | 11.4 |
| 4/29/2009 | 10:01:00 | 4/29/2009 10:01:00 | 24.12 | 51.957 | 34.2 | 4.43 | 64.2 | 0.522 | 8.8 | 1.3 | 5.2 | 11.4 |
| 4/29/2009 | 10:16:00 | 4/29/2009 10:16:00 | 24.13 | 51.964 | 34.2 | 4.43 | 64.1 | 0.523 | 10 | 1.4 | 8.3 | 11.4 |
| 4/29/2009 | 10:31:00 | 4/29/2009 10:31:00 | 24.31 | 52.276 | 34.43 | 4.35 | 63.2 | 0.531 | 10.6 | 1.5 | 5.4 | 11.4 |
| 4/29/2009 | 10:46:00 | 4/29/2009 10:46:00 | 24.32 | 52.119 | 34.31 | 4.45 | 64.7 | 0.529 | 9.2 | 1.3 | 10 | 11.4 |
| 4/29/2009 | 11:01:00 | 4/29/2009 11:01:00 | 24.52 | 52.29 | 34.44 | 4.57 | 66.7 | 0.532 | 9.1 | 1.3 | 11.4 | 11.3 |
| 4/29/2009 | 11:16:00 | 4/29/2009 11:16:00 | 24.56 | 52.09 | 34.29 | 4.65 | 67.9 | 0.534 | 9.8 | 1.4 | 5.9 | 11.4 |
| 4/29/2009 | 11:31:00 | 4/29/2009 11:31:00 | 24.82 | 52.597 | 34.66 | 4.84 | 71.1 | 0.542 | 9.6 | 1.4 | 13.2 | 11.4 |
| 4/29/2009 | 11:46:00 | 4/29/2009 11:46:00 | 24.78 | 52.616 | 34.67 | 4.53 | 66.6 | 0.547 | 7.7 | 1.1 | 8.7 | 11.4 |
| 4/29/2009 | 12:01:00 | 4/29/2009 12:01:00 | 24.88 | 52.453 | 34.55 | 4.69 | 68.9 | 0.546 | 10.9 | 1.6 | 8.6 | 11.4 |
| 4/29/2009 | 12:16:00 | 4/29/2009 12:16:00 | 25.04 | 52.497 | 34.58 | 4.85 | 71.5 | 0.555 | 10.2 | 1.5 | 7.8 | 11.4 |
| 4/29/2009 | 12:31:00 | 4/29/2009 12:31:00 | 25.1 | 52.405 | 34.51 | 4.79 | 70.7 | 0.565 | 9.3 | 1.3 | 18.8 | 11.4 |
| 4/29/2009 | 12:46:00 | 4/29/2009 12:46:00 | 25.22 | 52.461 | 34.55 | 4.73 | 69.9 | 0.573 | 9.4 | 1.3 | 18.1 | 11.3 |
| 4/29/2009 | 13:01:00 | 4/29/2009 13:01:00 | 25.56 | 52.154 | 34.31 | 5.03 | 74.6 | 0.583 | 9.4 | 1.3 | 12.3 | 11.4 |
| 4/29/2009 | 13:16:00 | 4/29/2009 13:16:00 | 25.62 | 52.144 | 34.3 | 5.51 | 81.9 | 0.591 | 7.7 | 1.1 | 5.7 | 11.4 |
| 4/29/2009 | 13:31:00 | 4/29/2009 13:31:00 | 25.71 | 51.867 | 34.1 | 5.59 | 83.2 | 0.599 | 7.9 | 1.1 | 14.6 | 11.4 |
| 4/29/2009 | 13:46:00 | 4/29/2009 13:46:00 | 25.69 | 51.776 | 34.03 | 5.4 | 80.2 | 0.613 | 11.3 | 1.6 | 6.8 | 11.4 |
| 4/29/2009 | 14:01:00 | 4/29/2009 14:01:00 | 25.91 | 51.482 | 33.81 | 5.69 | 84.7 | 0.628 | 10.4 | 1.5 | 11.4 | 11.3 |
| 4/29/2009 | 14:16:00 | 4/29/2009 14:16:00 | 25.85 | 51.79 | 34.04 | 5.45 | 81.1 | 0.643 | 9.7 | 1.4 | 15.7 | 11.4 |
| 4/29/2009 | 14:31:00 | 4/29/2009 14:31:00 | 26.07 | 51.58 | 33.88 | 5.73 | 85.5 | 0.658 | 10.2 | 1.5 | 9.4 | 11.4 |
| 4/29/2009 | 14:46:00 | 4/29/2009 14:46:00 | 26.15 | 51.585 | 33.88 | 5.67 | 84.8 | 0.677 | 10.1 | 1.4 | 12.4 | 11.4 |
| 4/29/2009 | 15:01:00 | 4/29/2009 15:01:00 | 26.18 | 51.67 | 33.94 | 5.58 | 83.6 | 0.69 | 9.4 | 1.3 | 19.9 | 11.4 |
| 4/29/2009 | 15:16:00 | 4/29/2009 15:16:00 | 26.26 | 51.749 | 34 | 5.68 | 85.2 | 0.701 | 9.8 | 1.4 | 12 | 11.4 |
| 4/29/2009 | 15:31:00 | 4/29/2009 15:31:00 | 26.38 | 51.733 | 33.98 | 5.51 | 82.8 | 0.72 | 7.8 | 1.1 | 9.4 | 11.4 |
| 4/29/2009 | 15:46:00 | 4/29/2009 15:46:00 | 26.21 | 51.98 | 34.17 | 5.47 | 82 | 0.741 | 14.2 | 2 | 12.2 | 11.4 |
| 4/29/2009 | 16:01:00 | 4/29/2009 16:01:00 | 26.25 | 52.102 | 34.26 | 5.6 | 84.1 | 0.757 | 10.5 | 1.5 | 15.6 | 11.4 |
| 4/29/2009 | 16:16:00 | 4/29/2009 16:16:00 | 26.21 | 52.207 | 34.33 | 5.68 | 85.3 | 0.77 | 39 | 5.6 | 17.9 | 11.3 |
| 4/29/2009 | 16:31:00 | 4/29/2009 16:31:00 | 26.34 | 52.399 | 34.47 | 5.73 | 86.2 | 0.788 | 15.6 | 2.2 | 17.5 | 11.4 |
| 4/29/2009 | 16:46:00 | 4/29/2009 16:46:00 | 26.56 | 52.558 | 34.59 | 5.78 | 87.4 | 0.804 | 11.3 | 1.6 | 22.3 | 11.3 |
| 4/29/2009 | 17:01:00 | 4/29/2009 17:01:00 | 26.64 | 52.789 | 34.75 | 5.92 | 89.7 | 0.819 | 10.6 | 1.5 | 24.5 | 11.4 |
| 4/29/2009 | 17:16:00 | 4/29/2009 17:16:00 | 26.69 | 52.998 | 34.91 | 5.83 | 88.5 | 0.834 | 10.6 | 1.5 | 16.3 | 11.3 |
| 4/29/2009 | 17:31:00 | 4/29/2009 17:31:00 | 26.71 | 53.145 | 35.02 | 5.87 | 89.1 | 0.846 | 11.8 | 1.7 | 18.9 | 11.4 |
| 4/29/2009 | 17:46:00 | 4/29/2009 17:46:00 | 26.71 | 53.173 | 35.04 | 6.02 | 91.5 | 0.858 | 10.8 | 1.5 | 10.1 | 11.4 |
| 4/29/2009 | 18:01:00 | 4/29/2009 18:01:00 | 26.72 | 53.161 | 35.03 | 5.9 | 89.7 | 0.864 | 10.7 | 1.5 | 18.2 | 11.3 |
| 4/29/2009 | 18:16:00 | 4/29/2009 18:16:00 | 26.74 | 53.147 | 35.02 | 6.04 | 91.8 | 0.865 | 12 | 1.7 | 14.2 | 11.4 |
| 4/29/2009 | 18:31:00 | 4/29/2009 18:31:00 | 26.74 | 53.225 | 35.07 | 6.12 | 93.1 | 0.859 | 12.5 | 1.8 | 11 | 11.3 |
| 4/29/2009 | 18:46:00 | 4/29/2009 18:46:00 | 26.73 | 53.401 | 35.21 | 6.15 | 93.5 | 0.846 | 12.6 | 1.8 | 7.6 | 11.4 |
| 4/29/2009 | 19:01:00 | 4/29/2009 19:01:00 | 26.75 | 53.485 | 35.27 | 6.06 | 92.3 | 0.838 | 12.5 | 1.8 | 24.7 | 11.4 |
| 4/29/2009 | 19:16:00 | 4/29/2009 19:16:00 | 26.75 | 53.571 | 35.33 | 6.1 | 92.9 | 0.825 | 13.2 | 1.9 | 8.3 | 11.4 |
| 4/29/2009 | 19:31:00 | 4/29/2009 19:31:00 | 26.73 | 53.507 | 35.28 | 5.63 | 85.8 | 0.811 | 10.5 | 1.5 | 11.9 | 11.4 |
| 4/29/2009 | 19:46:00 | 4/29/2009 19:46:00 | 26.72 | 53.563 | 35.33 | 5.95 | 90.6 | 0.799 | 13.7 | 2 | 0.1 | 11.4 |
| 4/29/2009 | 20:01:00 | 4/29/2009 20:01:00 | 26.71 | 53.541 | 35.31 | 5.67 | 86.4 | 0.786 | 14.8 | 2.1 | 1.7 | 11.4 |
| 4/29/2009 | 20:16:00 | 4/29/2009 20:16:00 | 26.68 | 53.453 | 35.25 | 5.61 | 85.3 | 0.772 | 12.3 | 1.8 | 14.7 | 11.4 |
| 4/29/2009 | 20:31:00 | 4/29/2009 20:31:00 | 26.68 | 53.375 | 35.19 | 5.17 | 78.6 | 0.758 | 14.8 | 2.1 | 11.1 | 11.4 |
| 4/29/2009 | 20:46:00 | 4/29/2009 20:46:00 | 26.67 | 53.363 | 35.18 | 5.56 | 84.5 | 0.743 | 13.5 | 1.9 | 7.4 | 11.4 |
| 4/29/2009 | 21:01:00 | 4/29/2009 21:01:00 | 26.65 | 53.289 | 35.12 | 5.58 | 84.8 | 0.729 | 10.6 | 1.5 | 0.6 | 11.3 |
| 4/29/2009 | 21:16:00 | 4/29/2009 21:16:00 | 26.59 | 53.177 | 35.04 | 5.44 | 82.6 | 0.714 | 12.5 | 1.8 | 1 | 11.4 |
| 4/29/2009 | 21:31:00 | 4/29/2009 21:31:00 | 26.59 | 53.208 | 35.07 | 5.38 | 81.7 | 0.697 | 11.5 | 1.6 | 1 | 11.3 |
| 4/29/2009 | 21:46:00 | 4/29/2009 21:46:00 | 26.54 | 53.274 | 35.12 | 5.05 | 76.6 | 0.68 | 10.1 | 1.4 | 12.8 | 11.4 |
| 4/29/2009 | 22:01:00 | 4/29/2009 22:01:00 | 26.54 | 53.422 | 35.23 | 4.67 | 70.8 | 0.665 | 11 | 1.6 | 14.4 | 11.3 |
| 4/29/2009 | 22:16:00 | 4/29/2009 22:16:00 | 26.5 | 53.521 | 35.3 | 4.55 | 69 | 0.652 | 8.8 | 1.3 | 10.9 | 11.4 |
| 4/29/2009 | 22:31:00 | 4/29/2009 22:31:00 | 26.36 | 53.914 | 35.6 | 4.13 | 62.6 | 0.635 | 17.6 | 2.5 | 10.6 | 11.4 |
| 4/29/2009 | 22:46:00 | 4/29/2009 22:46:00 | 26.34 | 53.523 | 35.31 | 4.33 | 65.5 | 0.618 | 18.8 | 2.7 | 10 | 11.3 |
| 4/29/2009 | 23:01:00 | 4/29/2009 23:01:00 | 26.31 | 53.713 | 35.45 | 4.21 | 63.7 | 0.602 | 12.5 | 1.8 | 11.7 | 11.4 |
| 4/29/2009 | 23:16:00 | 4/29/2009 23:16:00 | 26.21 | 53.372 | 35.2 | 4.32 | 65.2 | 0.586 | 11.6 | 1.7 | 8.4 | 11.4 |
| 4/29/2009 | 23:31:00 | 4/29/2009 23:31:00 | 26.28 | 53.284 | 35.13 | 5.04 | 76.1 | 0.571 | 10.5 | 1.5 | 2 | 11.4 |
| 4/29/2009 | 23:46:00 | 4/29/2009 23:46:00 | 26.18 | 52.824 | 34.79 | 4.9 | 73.8 | 0.555 | 10.3 | 1.5 | 4 | 11.4 |
| 4/30/2009 | 00:01:00 | 4/30/2009 00:01:00 | 25.99 | 53.229 | 35.1 | 4.99 | 75 | 0.539 | 11 | 1.6 | 3.6 | 11.4 |
| 4/30/2009 | 00:16:00 | 4/30/2009 00:16:00 | 25.85 | 53.199 | 35.08 | 4.92 | 73.7 | 0.523 | 10.2 | 1.5 | 3.2 | 11.4 |
| 4/30/2009 | 00:31:00 | 4/30/2009 00:31:00 | 25.78 | 53.188 | 35.07 | 5.25 | 78.5 | 0.507 | 10.2 | 1.5 | -0.7 | 11.5 |
| 4/30/2009 | 00:46:00 | 4/30/2009 00:46:00 | 25.86 | 53.073 | 34.98 | 5.08 | 76.1 | 0.491 | 11.8 | 1.7 | 1.2 | 11.4 |
| 4/30/2009 | 01:01:00 | 4/30/2009 01:01:00 | 25.9 | 53.187 | 35.07 | 4.79 | 71.8 | 0.478 | 10 | 1.4 | 1.7 | 11.4 |
| 4/30/2009 | 01:16:00 | 4/30/2009 01:16:00 | 25.96 | 53.376 | 35.21 | 4.72 | 70.9 | 0.464 | 11.4 | 1.6 | 0.1 | 11.4 |
| 4/30/2009</ | | | | | | | | | | | | |

Vester Marine and Environmental Science Research Field Station
YSI 6600 sonde - Water conditions - Data
From 04 17 2009 to 05 01 2009

| Date M/D/Y | Time hh:mm:ss | Date Time M/D/Y hh:mm:ss | Temp C | SpCond mS/cm | Salinity ppt | DO Conc mg/L | DO% % | Depth m | Chlorophyll ug/L | Chlorophyll RFU | Turbidity+ NTU | Battery V |
|---------------|------------------|-----------------------------|-----------|-----------------|-----------------|-----------------|----------|------------|---------------------|--------------------|-------------------|--------------|
| 4/30/2009 | 02:46:00 | 4/30/2009 02:46:00 | 25.61 | 53.419 | 35.25 | 4.39 | 65.5 | 0.384 | 9.1 | 1.3 | 0.9 | 11.4 |
| 4/30/2009 | 03:01:00 | 4/30/2009 03:01:00 | 25.57 | 53.358 | 35.2 | 4.24 | 63.3 | 0.372 | 11.1 | 1.6 | -0.3 | 11.4 |
| 4/30/2009 | 03:16:00 | 4/30/2009 03:16:00 | 25.4 | 53.415 | 35.25 | 4.11 | 61.1 | 0.362 | 10.9 | 1.6 | 0.7 | 11.4 |
| 4/30/2009 | 03:31:00 | 4/30/2009 03:31:00 | 25.52 | 53.507 | 35.32 | 4.18 | 62.4 | 0.354 | 12.3 | 1.8 | 1.2 | 11.3 |
| 4/30/2009 | 03:46:00 | 4/30/2009 03:46:00 | 24.87 | 53.431 | 35.27 | 4.5 | 66.5 | 0.347 | 17.2 | 2.5 | -0.6 | 11.4 |
| 4/30/2009 | 04:01:00 | 4/30/2009 04:01:00 | 25.08 | 53.533 | 35.35 | 4.19 | 62.1 | 0.343 | 22.4 | 3.2 | 0.3 | 11.4 |
| 4/30/2009 | 04:16:00 | 4/30/2009 04:16:00 | 24.64 | 53.214 | 35.12 | 4.33 | 63.6 | 0.342 | 27.1 | 3.9 | 0.9 | 11.4 |
| 4/30/2009 | 04:31:00 | 4/30/2009 04:31:00 | 24.72 | 53.312 | 35.19 | 4.24 | 62.4 | 0.345 | 23 | 3.3 | 0.1 | 11.4 |
| 4/30/2009 | 04:46:00 | 4/30/2009 04:46:00 | 25.07 | 53.459 | 35.29 | 3.85 | 56.9 | 0.348 | 28.2 | 4 | 8.1 | 11.4 |
| 4/30/2009 | 05:01:00 | 4/30/2009 05:01:00 | 25.15 | 53.328 | 35.19 | 3.5 | 51.9 | 0.353 | 11.1 | 1.6 | 5.4 | 11.4 |
| 4/30/2009 | 05:16:00 | 4/30/2009 05:16:00 | 25.16 | 53.357 | 35.21 | 3.05 | 45.1 | 0.362 | 9 | 1.3 | 3.1 | 11.4 |
| 4/30/2009 | 05:31:00 | 4/30/2009 05:31:00 | 24.36 | 53.774 | 35.54 | 3.39 | 49.6 | 0.37 | 23.4 | 3.3 | 5.9 | 11.4 |
| 4/30/2009 | 05:46:00 | 4/30/2009 05:46:00 | 25.14 | 54.165 | 35.81 | 2.96 | 44 | 0.379 | 7.5 | 1.1 | 6.9 | 11.4 |
| 4/30/2009 | 06:01:00 | 4/30/2009 06:01:00 | 24.88 | 54.573 | 36.12 | 3.4 | 50.4 | 0.389 | 6 | 0.9 | 8.2 | 11.4 |
| 4/30/2009 | 06:16:00 | 4/30/2009 06:16:00 | 24.95 | 55.129 | 36.54 | 3.71 | 55.2 | 0.401 | 4.2 | 0.6 | 7 | 11.4 |
| 4/30/2009 | 06:31:00 | 4/30/2009 06:31:00 | 24.63 | 55.198 | 36.6 | 3.67 | 54.3 | 0.414 | 8.5 | 1.2 | 10 | 11.4 |
| 4/30/2009 | 06:46:00 | 4/30/2009 06:46:00 | 24.32 | 54.907 | 36.39 | 4.22 | 62 | 0.428 | 6.4 | 0.9 | 4.3 | 11.3 |
| 4/30/2009 | 07:01:00 | 4/30/2009 07:01:00 | 23.94 | 54.398 | 36.01 | 4.19 | 61.1 | 0.444 | 8.1 | 1.2 | 9.7 | 11.4 |
| 4/30/2009 | 07:16:00 | 4/30/2009 07:16:00 | 23.79 | 53.583 | 35.41 | 4.24 | 61.5 | 0.459 | 10.1 | 1.4 | 4.6 | 11.4 |
| 4/30/2009 | 07:31:00 | 4/30/2009 07:31:00 | 23.71 | 53.107 | 35.06 | 4.21 | 60.8 | 0.477 | 9.1 | 1.3 | 3.4 | 11.4 |
| 4/30/2009 | 07:46:00 | 4/30/2009 07:46:00 | 23.8 | 52.631 | 34.7 | 4.15 | 59.9 | 0.492 | 9.7 | 1.4 | 5.3 | 11.4 |
| 4/30/2009 | 08:01:00 | 4/30/2009 08:01:00 | 23.99 | 52.879 | 34.88 | 4.05 | 58.7 | 0.507 | 10.4 | 1.5 | 2 | 11.4 |
| 4/30/2009 | 08:16:00 | 4/30/2009 08:16:00 | 23.87 | 51.884 | 34.15 | 3.95 | 56.9 | 0.521 | 9.7 | 1.4 | 4.9 | 11.4 |
| 4/30/2009 | 08:31:00 | 4/30/2009 08:31:00 | 23.89 | 51.982 | 34.22 | 4.11 | 59.3 | 0.535 | 13.1 | 1.9 | 3.7 | 11.4 |
| 4/30/2009 | 08:46:00 | 4/30/2009 08:46:00 | 23.87 | 51.365 | 33.77 | 4.02 | 57.8 | 0.546 | 11.4 | 1.6 | 2 | 11.4 |
| 4/30/2009 | 09:01:00 | 4/30/2009 09:01:00 | 23.89 | 51.187 | 33.63 | 4.03 | 57.9 | 0.56 | 9.4 | 1.3 | 1.7 | 11.4 |
| 4/30/2009 | 09:16:00 | 4/30/2009 09:16:00 | 23.97 | 51.166 | 33.62 | 4.01 | 57.7 | 0.572 | 10.9 | 1.6 | 5.7 | 11.4 |
| 4/30/2009 | 09:31:00 | 4/30/2009 09:31:00 | 23.99 | 51.453 | 33.83 | 3.97 | 57.2 | 0.584 | 11.3 | 1.6 | 6.1 | 11.4 |
| 4/30/2009 | 09:46:00 | 4/30/2009 09:46:00 | 24.06 | 51.345 | 33.75 | 3.97 | 57.3 | 0.591 | 8.2 | 1.2 | 4.6 | 11.4 |
| 4/30/2009 | 10:01:00 | 4/30/2009 10:01:00 | 24.09 | 51.409 | 33.79 | 3.91 | 56.5 | 0.599 | 9.3 | 1.3 | 2.1 | 11.4 |
| 4/30/2009 | 10:16:00 | 4/30/2009 10:16:00 | 24.14 | 51.457 | 33.83 | 4.21 | 60.9 | 0.607 | 6.9 | 1 | 2.4 | 11.4 |
| 4/30/2009 | 10:31:00 | 4/30/2009 10:31:00 | 24.18 | 51.5 | 33.86 | 4.24 | 61.4 | 0.61 | 7.6 | 1.1 | 0.6 | 11.4 |
| 4/30/2009 | 10:46:00 | 4/30/2009 10:46:00 | 24.26 | 51.557 | 33.9 | 4.22 | 61.1 | 0.618 | 8.6 | 1.2 | 0.9 | 11.4 |
| 4/30/2009 | 11:01:00 | 4/30/2009 11:01:00 | 24.34 | 51.729 | 34.03 | 4.36 | 63.3 | 0.62 | 8.5 | 1.2 | 1.6 | 11.3 |
| 4/30/2009 | 11:16:00 | 4/30/2009 11:16:00 | 24.48 | 51.814 | 34.09 | 4.48 | 65.2 | 0.625 | 8.6 | 1.2 | 0.9 | 11.4 |
| 4/30/2009 | 11:31:00 | 4/30/2009 11:31:00 | 24.53 | 51.945 | 34.18 | 4.45 | 64.9 | 0.626 | 8 | 1.1 | 0.1 | 11.3 |
| 4/30/2009 | 11:46:00 | 4/30/2009 11:46:00 | 24.72 | 51.784 | 34.06 | 4.64 | 67.8 | 0.623 | 9.4 | 1.3 | 2.3 | 11.4 |
| 4/30/2009 | 12:01:00 | 4/30/2009 12:01:00 | 24.89 | 51.641 | 33.95 | 4.76 | 69.8 | 0.618 | 9.7 | 1.4 | 2.2 | 11.4 |
| 4/30/2009 | 12:16:00 | 4/30/2009 12:16:00 | 25.01 | 51.744 | 34.02 | 4.79 | 70.3 | 0.613 | 8.8 | 1.3 | 2.8 | 11.4 |
| 4/30/2009 | 12:31:00 | 4/30/2009 12:31:00 | 25.07 | 51.804 | 34.06 | 4.73 | 69.5 | 0.609 | 9.1 | 1.3 | 5.4 | 11.4 |
| 4/30/2009 | 12:46:00 | 4/30/2009 12:46:00 | 25.28 | 51.833 | 34.08 | 4.84 | 71.5 | 0.603 | 8 | 1.2 | 0.4 | 11.4 |
| 4/30/2009 | 13:01:00 | 4/30/2009 13:01:00 | 25.15 | 51.803 | 34.06 | 4.67 | 68.8 | 0.598 | 9 | 1.3 | 4.2 | 11.4 |
| 4/30/2009 | 13:16:00 | 4/30/2009 13:16:00 | 25.18 | 52.276 | 34.41 | 4.56 | 67.3 | 0.6 | 10.3 | 1.5 | 2.5 | 11.3 |
| 4/30/2009 | 13:31:00 | 4/30/2009 13:31:00 | 25.38 | 52.57 | 34.62 | 4.78 | 71 | 0.604 | 14.9 | 2.1 | 6.1 | 11.4 |
| 4/30/2009 | 13:46:00 | 4/30/2009 13:46:00 | 25.54 | 52.621 | 34.66 | 5 | 74.3 | 0.61 | 13.2 | 1.9 | 3.1 | 11.4 |
| 4/30/2009 | 14:01:00 | 4/30/2009 14:01:00 | 25.6 | 52.57 | 34.62 | 4.86 | 72.4 | 0.618 | 21.1 | 3 | 4.1 | 11.4 |
| 4/30/2009 | 14:16:00 | 4/30/2009 14:16:00 | 26.01 | 52.973 | 34.91 | 5.28 | 79.2 | 0.63 | 13.3 | 1.9 | 2 | 11.3 |
| 4/30/2009 | 14:31:00 | 4/30/2009 14:31:00 | 25.97 | 52.924 | 34.87 | 4.98 | 74.7 | 0.636 | 19.5 | 2.8 | 3.5 | 11.3 |
| 4/30/2009 | 14:46:00 | 4/30/2009 14:46:00 | 26.11 | 53.07 | 34.98 | 5.13 | 77.2 | 0.646 | 12.3 | 1.8 | 4.9 | 11.3 |
| 4/30/2009 | 15:01:00 | 4/30/2009 15:01:00 | 26.2 | 53.35 | 35.18 | 5.35 | 80.7 | 0.655 | 16.8 | 2.4 | 3.5 | 11.4 |
| 4/30/2009 | 15:16:00 | 4/30/2009 15:16:00 | 26.24 | 53.755 | 35.48 | 5.33 | 80.6 | 0.668 | 12.9 | 1.9 | 3 | 11.4 |
| 4/30/2009 | 15:31:00 | 4/30/2009 15:31:00 | 26.3 | 53.792 | 35.51 | 5.23 | 79.2 | 0.683 | 17.3 | 2.5 | 5 | 11.4 |
| 4/30/2009 | 15:46:00 | 4/30/2009 15:46:00 | 26.34 | 53.852 | 35.55 | 5.19 | 78.6 | 0.697 | 8.9 | 1.3 | 3.2 | 11.3 |
| 4/30/2009 | 16:01:00 | 4/30/2009 16:01:00 | 26.38 | 53.752 | 35.48 | 4.9 | 74.3 | 0.713 | 12.7 | 1.8 | 3.4 | 11.4 |
| 4/30/2009 | 16:16:00 | 4/30/2009 16:16:00 | 26.58 | 53.47 | 35.26 | 5.14 | 78.1 | 0.729 | 15.5 | 2.2 | 3.1 | 11.4 |
| 4/30/2009 | 16:31:00 | 4/30/2009 16:31:00 | 26.85 | 53.019 | 34.92 | 5.3 | 80.7 | 0.747 | 30 | 4.3 | 4.3 | 11.4 |
| 4/30/2009 | 16:46:00 | 4/30/2009 16:46:00 | 27.27 | 52.885 | 34.81 | 5.84 | 89.4 | 0.762 | 17.3 | 2.5 | 4 | 11.4 |
| 4/30/2009 | 17:01:00 | 4/30/2009 17:01:00 | 27.26 | 52.764 | 34.72 | 5.73 | 87.7 | 0.78 | 14.3 | 2 | 4 | 11.4 |
| 4/30/2009 | 17:16:00 | 4/30/2009 17:16:00 | 27.23 | 52.953 | 34.86 | 5.67 | 86.8 | 0.798 | 16 | 2.3 | 6 | 11.3 |
| 4/30/2009 | 17:31:00 | 4/30/2009 17:31:00 | 27.17 | 53.035 | 34.92 | 5.62 | 86 | 0.815 | 17 | 2.4 | 7.3 | 11.4 |
| 4/30/2009 | 17:46:00 | 4/30/2009 17:46:00 | 27.12 | 53.09 | 34.96 | 5.7 | 87.1 | 0.832 | 17.3 | 2.5 | 5.6 | 11.4 |
| 4/30/2009 | 18:01:00 | 4/30/2009 18:01:00 | 27.07 | 53.178 | 35.03 | 5.74 | 87.8 | 0.847 | 16.5 | 2.4 | 4.3 | 11.4 |
| 4/30/2009 | 18:16:00 | 4/30/2009 18:16:00 | 27.09 | 53.198 | 35.04 | 5.63 | 86.2 | 0.859 | 14.4 | 2.1 | 5.7 | 11.4 |
| 4/30/2009 | 18:31:00 | 4/30/2009 18:31:00 | 27.3 | 53.118 | 34.98 | 5.7 | 87.5 | 0.868 | 16 | 2.3 | 4.2 | 11.4 |
| 4/30/2009 | 18:46:00 | 4/30/2009 18:46:00 | 27.41 | 53.121 | 34.98 | 5.56 | 85.4 | 0.872 | 13.3 | 1.9 | 5.1 | 11.4 |
| 4/30/2009 | 19:01:00 | 4/30/2009 19:01:00 | 27.25 | 53.259 | 35.09 | 5.51 | 84.5 | 0.875 | 13.6 | 2 | 3.1 | 11.3 |
| 4/30/2009 | 19:16:00 | 4/30/2009 19:16:00 | 27.31 | 53.279 | 35.1 | 5.44 | 83.5 | 0.871 | 10.6 | 1.5 | 4.1 | 11.4 |
| 4/30/2009 | 19:31:00 | 4/30/2009 19:31:00 | 27.13 | 53.411 | 35.2 | 5.42 | 83 | 0.862 | 14.1 | 2 | 2.9 | 11.3 |
| 4/30/2009 | 19:46:00 | 4/30/2009 19:46:00 | 27.24 | 53.384 | 35.18 | 5.35 | 82.1 | 0.852 | 12.4 | 1.8 | 2.9 | 11.3 |
| 4/30/2009 | 20:01:00 | 4/30/2009 20:01:00 | 27.19 | 53.435 | 35.22 | 5.62 | 86.2 | 0.841 | 18.1 | 2.6 | 2.5 | 11.5 |
| 4/30/2009 | 20:16:00 | 4/30/2009 20:16:00 | 27.12 | 53.467 | 35.24 | 4.78 | 73.2 | 0.83 | 41.1 | 5.9 | 1.3 | 11.4 |
| 4/30/2009 | 20:31:00 | 4/30/2009 20:31:00 | 27.12 | 53.47 | 35.25 | 4.03 | 61.8 | 0.818 | 17.4 | 2.5 | 1.9 | 11.4 |
| 4/30/2009 | 20:46:00 | 4/30/2009 20:46:00 | 27.12 | 53.48 | 35.25 | 3.88 | 59.5 | 0.806 | 20.4 | 2.9 | 1.5 | 11.4 |
| 4/30/2009 | 21:01:00 | 4/30/2009 21:01:00 | 27.13 | 53.497 | 35.27 | 4.02 | 61.7 | 0.794 | 15.7 | 2.2 | 2.1 | 11.4 |
| 4/30/2009 | 21:16:00 | 4/30/2009 21:16:00 | 27.16 | 53.504 | 35.27 | 3.72 | 57.1 | 0.78 | 22.6 | 3.2 | -0.1 | 11.3 |
| 4/30/2009 | 21:31:00 | 4/30/2009 21:31:00 | 27.16 | 53.541 | 35.3 | 3.98 | 61 | 0.768 | 15.1 | 2.2 | 0.9 | 11.4 |
| 4/30/2009 | 21:46:00 | 4/30/2009 21:46:00 | 27.17 | 53.537 | 35.29 | 3.55 | 54.5 | 0.757 | 13.2 | 1.9 | 2.8 | 11.3 |
| 4/30/2009 | 22:01:00 | 4/30/2009 22:01:00 | 27.17 | 53.524 | 35.28 | 4.14 | 63.4 | 0.742 | 10.2 | 1.5 | 2.3 | 11.3 |
| 4/30/2009 | 22:16:00 | 4/30/2009 22:16:00 | 27.07 | 53.479 | 35.25 | 4.97 | 76.1 | 0.725 | 11.8 | 1.7 | 0.4 | 11.4 |
| 4/30/2009 | 22:31:00 | 4/30/2009 22:31:00 | 26.99 | 53.473 | 35.25 | 5.54 | 84.7 | 0.71 | 9.9 | 1.4 | 0.3 | 11.4 |
| 4/30/2009 | 22:46:00 | 4/30/2009 22:46:00 | 26.69 | 53.769 | 35.48 | 5.46 | 83.2 | 0.693 | 11.6 | 1.7 | 1 | 11.3 |
| 4/30/2009 | 23:01:00 | 4/30/2009 23:01:00 | 26.66 | 53.51 | 35.29 | 5.44 | 82.8 | 0.677 | 11.5 | 1.6 | 1.4 | 11.3 |
| 4/30/2009 | 23:16:00 | 4/30/2009 23:16:00 | 26.67 | 53.5 | | | | | | | | |

Vester Marine and Environmental Science Research Field Station
YSI 6600 sonde - Water conditions - Data
From 04 17 2009 to 05 01 2009

| Date M/D/Y | Time hh:mm:ss | Date Time M/D/Y hh:mm:ss | Temp C | SpCond mS/cm | Salinity ppt | DO Conc mg/L | DO% % | Depth m | Chlorophyll ug/L | Chlorophyll RFU | Turbidity+ NTU | Battery V |
|---------------|------------------|-----------------------------|-----------|-----------------|-----------------|-----------------|----------|------------|---------------------|--------------------|-------------------|--------------|
| 5/01/2009 | 00:31:00 | 5/01/2009 00:31:00 | 26.29 | 53.356 | 35.18 | 5.18 | 78.2 | 0.581 | 9.5 | 1.4 | -0.7 | 11.3 |
| 5/01/2009 | 00:46:00 | 5/01/2009 00:46:00 | 26.29 | 53.273 | 35.12 | 4.85 | 73.2 | 0.565 | 12.5 | 1.8 | 2.6 | 11.3 |
| 5/01/2009 | 01:01:00 | 5/01/2009 01:01:00 | 26.34 | 53.472 | 35.27 | 4.96 | 75 | 0.548 | 13 | 1.9 | 0.2 | 11.3 |
| 5/01/2009 | 01:16:00 | 5/01/2009 01:16:00 | 26.29 | 53.533 | 35.32 | 4.99 | 75.5 | 0.53 | 12.3 | 1.8 | 1.5 | 11.4 |
| 5/01/2009 | 01:31:00 | 5/01/2009 01:31:00 | 26.31 | 53.531 | 35.31 | 4.24 | 64.1 | 0.516 | 12.4 | 1.8 | 0.7 | 11.4 |
| 5/01/2009 | 01:46:00 | 5/01/2009 01:46:00 | 26.35 | 53.773 | 35.49 | 3.78 | 57.2 | 0.5 | 11.5 | 1.7 | 1.3 | 11.3 |
| 5/01/2009 | 02:01:00 | 5/01/2009 02:01:00 | 26.3 | 53.935 | 35.61 | 3.5 | 53 | 0.487 | 12.5 | 1.8 | 0.6 | 11.4 |
| 5/01/2009 | 02:16:00 | 5/01/2009 02:16:00 | 26.25 | 53.931 | 35.61 | 3.38 | 51.1 | 0.473 | 12.5 | 1.8 | 0.4 | 11.3 |
| 5/01/2009 | 02:31:00 | 5/01/2009 02:31:00 | 26.15 | 53.937 | 35.62 | 3.05 | 46.1 | 0.46 | 11.3 | 1.6 | 0.3 | 11.3 |
| 5/01/2009 | 02:46:00 | 5/01/2009 02:46:00 | 26.08 | 53.758 | 35.49 | 3.47 | 52.3 | 0.446 | 10.7 | 1.5 | -0.9 | 11.3 |
| 5/01/2009 | 03:01:00 | 5/01/2009 03:01:00 | 25.95 | 53.948 | 35.63 | 3.74 | 56.3 | 0.433 | 8.7 | 1.2 | 0.1 | 11.3 |
| 5/01/2009 | 03:16:00 | 5/01/2009 03:16:00 | 25.88 | 54.044 | 35.71 | 3.5 | 52.6 | 0.42 | 9.7 | 1.4 | -0.3 | 11.4 |
| 5/01/2009 | 03:31:00 | 5/01/2009 03:31:00 | 25.87 | 54.014 | 35.68 | 3.1 | 46.7 | 0.409 | 9.5 | 1.4 | -0.4 | 11.4 |
| 5/01/2009 | 03:46:00 | 5/01/2009 03:46:00 | 25.83 | 54.193 | 35.82 | 3.26 | 49 | 0.4 | 8.7 | 1.2 | -0.2 | 11.3 |
| 5/01/2009 | 04:01:00 | 5/01/2009 04:01:00 | 25.92 | 54.346 | 35.93 | 3.33 | 50.2 | 0.392 | 7.8 | 1.1 | -0.4 | 11.4 |
| 5/01/2009 | 04:16:00 | 5/01/2009 04:16:00 | 25.88 | 54.35 | 35.93 | 2.81 | 42.3 | 0.384 | 15.7 | 2.3 | 0.4 | 11.3 |
| 5/01/2009 | 04:31:00 | 5/01/2009 04:31:00 | 25.89 | 54.355 | 35.94 | 2.6 | 39.2 | 0.38 | 11.7 | 1.7 | 0.5 | 11.3 |
| 5/01/2009 | 04:46:00 | 5/01/2009 04:46:00 | 25.92 | 54.38 | 35.96 | 2.78 | 41.9 | 0.377 | 18.1 | 2.6 | -1.4 | 11.4 |
| 5/01/2009 | 05:01:00 | 5/01/2009 05:01:00 | 25.8 | 54.813 | 36.28 | 2.85 | 43 | 0.379 | 30.2 | 4.3 | 0.1 | 11.4 |
| 5/01/2009 | 05:16:00 | 5/01/2009 05:16:00 | 25.79 | 55.016 | 36.43 | 2.54 | 38.3 | 0.381 | 8.9 | 1.3 | 0.6 | 11.4 |
| 5/01/2009 | 05:31:00 | 5/01/2009 05:31:00 | 25.62 | 55.375 | 36.71 | 2.88 | 43.4 | 0.387 | 8.9 | 1.3 | 0.6 | 11.4 |
| 5/01/2009 | 05:46:00 | 5/01/2009 05:46:00 | 25.54 | 55.485 | 36.79 | 2.92 | 43.9 | 0.394 | 11.3 | 1.6 | 0.3 | 11.3 |
| 5/01/2009 | 06:01:00 | 5/01/2009 06:01:00 | 25.54 | 55.633 | 36.9 | 2.75 | 41.4 | 0.403 | 7.9 | 1.1 | 0.6 | 11.4 |
| 5/01/2009 | 06:16:00 | 5/01/2009 06:16:00 | 25.46 | 55.792 | 37.02 | 2.8 | 42.1 | 0.414 | 8.5 | 1.2 | 0.7 | 11.3 |
| 5/01/2009 | 06:31:00 | 5/01/2009 06:31:00 | 25.37 | 55.835 | 37.06 | 3.08 | 46.2 | 0.424 | 6.2 | 0.9 | 1.5 | 11.3 |
| 5/01/2009 | 06:46:00 | 5/01/2009 06:46:00 | 25.1 | 55.588 | 36.88 | 3.67 | 54.8 | 0.436 | 10.3 | 1.5 | 2.8 | 11.4 |
| 5/01/2009 | 07:01:00 | 5/01/2009 07:01:00 | 25.01 | 55.355 | 36.71 | 3.89 | 58.1 | 0.449 | 11 | 1.6 | 3 | 11.4 |
| 5/01/2009 | 07:16:00 | 5/01/2009 07:16:00 | 24.66 | 55.37 | 36.73 | 3.75 | 55.5 | 0.463 | 7.8 | 1.1 | -0.4 | 11.4 |
| 5/01/2009 | 07:31:00 | 5/01/2009 07:31:00 | 24.24 | 54.222 | 35.88 | 4.23 | 61.9 | 0.477 | 8.3 | 1.2 | 0.4 | 11.3 |
| 5/01/2009 | 07:46:00 | 5/01/2009 07:46:00 | 24.27 | 53.958 | 35.68 | 3.83 | 56 | 0.491 | 9.7 | 1.4 | -0.6 | 11.4 |
| 5/01/2009 | 08:01:00 | 5/01/2009 08:01:00 | 24.22 | 53.377 | 35.25 | 3.74 | 54.6 | 0.511 | 10.8 | 1.5 | -0.2 | 11.4 |
| 5/01/2009 | 08:16:00 | 5/01/2009 08:16:00 | 25.11 | 53.782 | 35.53 | 3.48 | 51.6 | 0.525 | 9.6 | 1.4 | -1 | 11.3 |