

| 12/11/2007 | Water depth (m) | Sampling depth (m) | Temp (°C) | | Salinity (ppt) | | DO (mg/L) | | pH | | Turbidity (NTU) | | SS (mg/L) | |
|---------------------|-----------------|--------------------|-----------|-----------|----------------|-----------|-----------|-----------|---------|-----------|-----------------|-----------|------------------------|-----------|
| Marine Station | | | mid-ebb | mid-flood | mid-ebb | mid-flood | mid-ebb | mid-flood | mid-ebb | mid-flood | mid-ebb | mid-flood | mid-ebb | mid-flood |
| M_RO1 | 5.7 | surface | 22.1 | 21.6 | 32.4 | 31.1 | 7.5 | 7.8 | 8.2 | 8.3 | 2.1 | 2.3 | 4.0 | 2.0 |
| | | bottom | 21.7 | 22.0 | 32.6 | 31.1 | 7.5 | 7.8 | 8.4 | 8.3 | 2.7 | 3.1 | 6.0 | 2.0 |
| KLW | 14.0 | surface | 22.3 | 21.4 | 32.2 | 31.0 | 7.7 | 7.9 | 8.2 | 8.4 | 2.3 | 2.8 | 6.0 | 3.0 |
| | | middle | 21.8 | 21.5 | 32.3 | 31.1 | 7.4 | 7.8 | 8.2 | 8.4 | 2.2 | 2.8 | 4.0 | 3.0 |
| | | bottom | 22.0 | 21.5 | 32.4 | 31.1 | 7.6 | 7.6 | 8.2 | 8.4 | 2.1 | 2.3 | 4.0 | 3.0 |
| M_A | 8.2 | surface | 22.4 | 21.3 | 32.2 | 31.0 | 7.5 | 7.4 | 8.3 | 8.3 | 2.3 | 2.4 | 5.0 | 4.0 |
| | | middle | 22.1 | 21.5 | 32.3 | 31.2 | 7.4 | 7.5 | 8.3 | 8.4 | 2.1 | 2.3 | 5.0 | 3.0 |
| | | bottom | 21.8 | 21.5 | 32.4 | 31.2 | 7.3 | 7.5 | 8.3 | 8.4 | 1.5 | 1.7 | 4.0 | 3.0 |
| M_Marsh | 8.5 | surface | 22.6 | 21.1 | 32.6 | 31.0 | 7.5 | 7.4 | 8.2 | 8.3 | 1.9 | 2.1 | 4.0 | 4.0 |
| | | middle | 21.6 | 21.2 | 32.2 | 31.2 | 7.6 | 7.5 | 8.3 | 8.4 | 1.5 | 1.8 | 3.0 | 3.0 |
| | | bottom | 21.6 | 21.2 | 32.6 | 31.3 | 7.4 | 7.6 | 8.2 | 8.3 | 1.6 | 1.8 | 4.0 | 4.0 |
| TTC | 10.2 | surface | 22.5 | 21.1 | 31.6 | 30.8 | 7.4 | 7.6 | 8.2 | 8.2 | 1.9 | 2.1 | 4.0 | 2.0 |
| | | middle | 21.7 | 21.3 | 32.2 | 31.1 | 7.3 | 7.4 | 8.0 | 8.4 | 1.6 | 1.7 | 3.0 | 4.0 |
| | | bottom | 21.6 | 21.3 | 32.2 | 31.2 | 7.4 | 7.5 | 8.3 | 8.4 | 1.5 | 1.9 | 4.0 | 4.0 |
| M_BP | 8.5 | surface | 22.5 | 21.2 | 31.9 | 30.9 | 7.4 | 7.6 | 8.2 | 8.3 | 1.9 | 1.7 | 4.0 | 3.0 |
| | | middle | 21.9 | 21.2 | 32.7 | 31.2 | 7.4 | 7.5 | 8.3 | 8.4 | 1.3 | 1.8 | 4.0 | 3.0 |
| | | bottom | 31.5 | 21.2 | 32.9 | 31.2 | 7.5 | 7.6 | 8.3 | 8.4 | 2.2 | 1.9 | 4.0 | 4.0 |
| M_Coral | 10.2 | surface | 22.8 | 21.3 | 32.2 | 31.3 | 7.4 | 7.5 | 8.2 | 8.3 | 2.0 | 1.8 | 4.0 | 2.0 |
| | | middle | 22.0 | 21.6 | 32.6 | 31.2 | 7.3 | 7.4 | 8.3 | 8.3 | 1.7 | 2.1 | 3.0 | 5.0 |
| | | bottom | 22.4 | 22.1 | 32.8 | 31.5 | 7.3 | 7.4 | 8.3 | 8.3 | 1.9 | 1.7 | 3.0 | 3.0 |
| M_B | 17.3 | surface | 22.9 | 21.5 | 32.4 | 31.1 | 7.3 | 7.5 | 8.3 | 8.3 | 1.7 | 1.6 | 2.0 | 3.0 |
| | | middle | 22.3 | 21.9 | 32.6 | 31.6 | 7.4 | 7.6 | 8.3 | 8.3 | 2.2 | 2.1 | 3.0 | 4.0 |
| | | bottom | 22.4 | 22.2 | 32.9 | 31.6 | 7.4 | 7.6 | 8.3 | 8.3 | 1.8 | 1.6 | 4.0 | 3.0 |
| KS | 13.8 | surface | 22.6 | 21.3 | 32.8 | 31.4 | 7.4 | 7.5 | 8.2 | 8.3 | 1.8 | 1.7 | 4.0 | 5.0 |
| | | middle | 21.9 | 21.4 | 32.6 | 31.3 | 7.3 | 7.4 | 8.3 | 8.3 | 2.1 | 1.8 | 4.0 | 5.0 |
| | | bottom | 22.3 | 22.1 | 32.9 | 31.6 | 7.3 | 7.4 | 8.3 | 8.4 | 2.0 | 1.9 | 5.0 | 4.0 |
| Fresh water station | | | Temp (°C) | | Salinity (ppt) | | DO (mg/L) | | pH | | Turbidity (NTU) | | Suspended solid (mg/L) | |
| FU A | - | | 19.3 | | <0.1 | | 9.2 | | 7.3 | | 2.9 | | 3.0 | |
| FD A | - | | 19.3 | | <0.1 | | 9.1 | | 7.6 | | 1.7 | | 3.0 | |
| FU B | - | | 19.4 | | <0.1 | | 9.0 | | 7.6 | | 1.6 | | 3.0 | |
| FD B | - | | 19.0 | | <0.1 | | 8.9 | | 7.2 | | 2.5 | | 3.0 | |
| FU C | - | | 19.0 | | <0.1 | | 9.2 | | 6.6 | | 2.7 | | <2 | |
| FD C | - | | 19.2 | | <0.1 | | 9.0 | | 7.1 | | 1.6 | | <2 | |
| F Inland M | - | | 19.8 | | 0.1 | | 8.9 | | 7.4 | | 2.7 | | 2.0 | |

| 12/11/2007 | Water depth (m) | Sampling depth (m) | Suspended solid (mg/L) | | NH ₃ -N (mg/L) | | NO ₃ -N (mg/L) | | NO ₂ -N (mg/L) | | TIN (mg/L) | | TP (mg/L) | | Chlorophyll a (ug/L) | | PesticidesB (ug/L) | |
|---------------------|-----------------|--------------------|------------------------|-----------|---------------------------|-----------|---------------------------|-----------|---------------------------|-----------|------------|-----------|-----------|-----------|----------------------|-----------|--------------------|-----------|
| Marine Station | | | mid-ebb | mid-flood | mid-ebb | mid-flood | mid-ebb | mid-flood | mid-ebb | mid-flood | mid-ebb | mid-flood | mid-ebb | mid-flood | mid-ebb | mid-flood | mid-ebb | mid-flood |
| M_RO1 | 5.6 | surface | 4.0 | 2.0 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| | | bottom | 6.0 | 2.0 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| KLW | 13.9 | surface | 6.0 | 3.0 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| | | middle | 4.0 | 3.0 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| | | bottom | 4.0 | 3.0 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| M_A | 8.1 | surface | 5.0 | 4.0 | 0.08 | 0.05 | 0.06 | 0.06 | <0.01 | <0.01 | 0.15 | 0.12 | 0.02 | 0.04 | 1.30 | 1.50 | | |
| | | middle | 5.0 | 3.0 | 0.08 | 0.04 | 0.06 | 0.06 | <0.01 | <0.01 | 0.15 | 0.11 | 0.04 | 0.03 | 1.40 | 1.40 | | |
| | | bottom | 4.0 | 3.0 | 0.08 | 0.07 | 0.08 | 0.06 | <0.01 | <0.01 | 0.17 | 0.14 | 0.09 | 0.07 | 1.30 | 1.30 | | |
| M_Marsh | 8.6 | surface | 4.0 | 4.0 | 0.07 | 0.05 | 0.06 | 0.06 | <0.01 | <0.01 | 0.14 | 0.12 | 0.03 | 0.05 | 1.30 | 1.30 | | |
| | | middle | 3.0 | 3.0 | 0.07 | 0.06 | 0.06 | 0.06 | <0.01 | <0.01 | 0.14 | 0.13 | 0.05 | 0.02 | 1.30 | 1.20 | | |
| | | bottom | 4.0 | 4.0 | 0.03 | 0.05 | 0.06 | 0.06 | <0.01 | <0.01 | 0.10 | 0.12 | 0.02 | 0.02 | 1.20 | 1.30 | | |
| TTC | 10.1 | surface | 4.0 | 2.0 | 0.09 | 0.07 | 0.06 | 0.06 | <0.01 | <0.01 | 0.16 | 0.14 | 0.02 | 0.02 | 1.20 | 1.20 | | |
| | | middle | 3.0 | 4.0 | 0.06 | 0.11 | 0.06 | 0.06 | <0.01 | <0.01 | 0.13 | 0.18 | 0.01 | 0.05 | 1.30 | 1.40 | | |
| | | bottom | 4.0 | 4.0 | 0.08 | 0.08 | 0.06 | 0.06 | <0.01 | <0.01 | 0.15 | 0.15 | 0.02 | 0.02 | 1.40 | 1.30 | | |
| M_BP | 8.5 | surface | 4.0 | 3.0 | 0.06 | 0.10 | 0.06 | 0.06 | <0.01 | <0.01 | 0.13 | 0.17 | 0.12 | 0.02 | 1.40 | 1.40 | | |
| | | middle | 4.0 | 3.0 | 0.04 | 0.10 | 0.06 | 0.06 | <0.01 | <0.01 | 0.11 | 0.17 | 0.02 | 0.04 | 1.40 | 1.40 | | |
| | | bottom | 4.0 | 4.0 | 0.07 | 0.05 | 0.06 | 0.06 | <0.01 | <0.01 | 0.14 | 0.12 | 0.02 | 0.06 | 1.30 | 1.20 | | |
| M_Coral | 10.2 | surface | 4.0 | 2.0 | 0.02 | 0.04 | 0.06 | 0.06 | <0.01 | <0.01 | 0.09 | 0.11 | 0.04 | 0.03 | 1.40 | 1.40 | | |
| | | middle | 3.0 | 5.0 | 0.07 | 0.08 | 0.06 | 0.06 | <0.01 | <0.01 | 0.14 | 0.15 | 0.03 | 0.04 | 1.30 | 1.40 | | |
| | | bottom | 3.0 | 3.0 | 0.05 | 0.07 | 0.06 | 0.02 | <0.01 | <0.01 | 0.12 | 0.10 | 0.02 | 0.02 | 1.20 | 1.40 | | |
| M_B | 17.2 | surface | 2.0 | 3.0 | 0.05 | 0.10 | 0.06 | 0.06 | <0.01 | <0.01 | 0.12 | 0.17 | 0.02 | 0.04 | 1.30 | 1.10 | | |
| | | middle | 3.0 | 4.0 | 0.05 | 0.10 | 0.06 | 0.06 | <0.01 | <0.01 | 0.12 | 0.17 | 0.02 | 0.02 | 1.30 | 1.30 | | |
| | | bottom | 4.0 | 3.0 | 0.10 | 0.06 | 0.06 | 0.06 | <0.01 | <0.01 | 0.17 | 0.13 | 0.10 | 0.02 | 1.30 | 1.30 | | |
| KS | 13.8 | surface | 4.0 | 5.0 | 0.05 | 0.08 | 0.06 | 0.06 | <0.01 | <0.01 | 0.12 | 0.15 | 0.03 | 0.02 | 1.40 | 1.30 | | |
| | | middle | 4.0 | 5.0 | 0.11 | 0.02 | 0.06 | 0.06 | <0.01 | <0.01 | 0.18 | 0.09 | 0.04 | 0.02 | 1.30 | 1.50 | | |
| | | bottom | 5.0 | 4.0 | 0.16 | 0.09 | 0.03 | 0.03 | <0.01 | <0.01 | 0.20 | 0.13 | 0.05 | 0.04 | 1.80 | 1.90 | | |
| Fresh water station | | | Suspended solid (mg/L) | | NH ₃ -N (mg/L) | | NO ₃ -N (mg/L) | | NO ₂ -N (mg/L) | | TIN (mg/L) | | TP (mg/L) | | Chlorophyll a (ug/L) | | PesticidesB (ug/L) | |
| FU A | - | | 3.0 | | 0.0 | | 0.1 | | <0.01 | | 0.2 | | 0.0 | | 0.8 | | | |
| FD A | - | | 3.0 | | 0.0 | | 0.0 | | <0.01 | | <0.01 | | 0.0 | | 0.8 | | | |
| FU B | - | | 3.0 | | 0.1 | | 0.2 | | <0.01 | | 0.3 | | 0.0 | | <0.5 | | | |
| FD B | - | | 3.0 | | 0.0 | | 0.0 | | <0.01 | | 0.1 | | 0.0 | | <0.5 | | | |
| FU C | - | | <2 | | 0.1 | | 0.1 | | <0.01 | | 0.2 | | 0.0 | | <0.5 | | | |
| FD C | - | | <2 | | 0.1 | | 0.1 | | <0.01 | | 0.2 | | 0.0 | | <0.5 | | | |
| F Inland M | - | | 2.0 | | 0.1 | | 0.1 | | <0.01 | | 0.2 | | <0.01 | | <0.5 | | | |