

| 07/05/2007 | 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 | 5.3 | surface | 26.7 | 27.3 | 29.2 | 30.3 | 6.4 | 7.4 | 8.1 | 8.2 | <1 | <1 | 3.0 | 4.0 |
| | | bottom | 24.2 | 24.3 | 31.6 | 32.7 | 7.3 | 7.7 | 8.1 | 8.1 | <1 | <1 | 3.0 | <2 |
| KLW | 13.1 | surface | 26.9 | 27.5 | 28.9 | 30.2 | 7.1 | 7.3 | 8.0 | 8.2 | <1 | <1 | 4.0 | 5.0 |
| | | middle | 24.1 | 24.1 | 31.9 | 33.0 | 6.7 | 6.8 | 8.2 | 8.0 | 1.2 | 1.6 | 5.0 | 3.0 |
| | | bottom | 24.1 | 24.1 | 31.9 | 33.2 | 6.5 | 6.5 | 8.2 | 8.0 | 2.6 | 2.6 | 3.0 | 4.0 |
| M_A | 8.1 | surface | 26.8 | 26.9 | 29.5 | 31.0 | 7.5 | 7.5 | 8.1 | 8.2 | <1 | <1 | 4.0 | 4.0 |
| | | middle | 24.4 | 24.9 | 31.6 | 32.7 | 6.3 | 7.6 | 8.0 | 8.1 | 5.3 | 2.4 | 4.0 | 3.0 |
| | | bottom | 24.1 | 24.1 | 31.8 | 33.0 | 4.7 | 5.0 | 7.9 | 7.9 | 2.3 | 2.2 | 3.0 | 2.0 |
| M_Marsh | 8.0 | surface | 27.1 | 27.5 | 28.9 | 30.3 | 6.6 | 6.7 | 8.1 | 8.2 | <1 | <1 | 4.0 | 3.0 |
| | | middle | 24.2 | 24.6 | 31.9 | 33.0 | 6.6 | 6.4 | 7.9 | 8.0 | <1 | 3.1 | 6.0 | 4.0 |
| | | bottom | 24.1 | 24.2 | 31.9 | 33.1 | 6.1 | 6.4 | 7.9 | 8.0 | 1.5 | 3.5 | 5.0 | 5.0 |
| TTC | 9.7 | surface | 27.1 | 27.7 | 29.4 | 30.4 | 6.7 | 7.1 | 8.1 | 8.2 | <1 | <1 | 3.0 | 5.0 |
| | | middle | 24.3 | 24.4 | 32.1 | 33.1 | 7.1 | 7.3 | 7.9 | 8.1 | <1 | <1 | 5.0 | 3.0 |
| | | bottom | 24.2 | 24.2 | 32.2 | 33.2 | 6.8 | 6.7 | 7.9 | 8.0 | <1 | <1 | 4.0 | 3.0 |
| M_BP | 8.2 | surface | 27.0 | 27.7 | 29.4 | 30.5 | 6.8 | 7.2 | 8.1 | 8.3 | <1 | <1 | 3.0 | 5.0 |
| | | middle | 24.3 | 24.4 | 32.3 | 33.2 | 7.2 | 7.7 | 8.0 | 8.1 | <1 | <1 | 4.0 | 4.0 |
| | | bottom | 24.2 | 24.3 | 32.3 | 33.2 | 6.8 | 7.3 | 8.0 | 8.1 | 1.3 | <1 | 3.0 | 3.0 |
| M_Coral | 8.6 | surface | 27.3 | 26.4 | 30.0 | 31.7 | 7.3 | 7.4 | 8.0 | 8.2 | <1 | <1 | 3.0 | <2 |
| | | middle | 24.4 | 24.5 | 32.8 | 33.1 | 7.5 | 7.6 | 7.8 | 8.1 | <1 | <1 | <2 | 2.0 |
| | | bottom | 24.2 | 24.2 | 33.0 | 33.3 | 7.1 | 7.1 | 7.8 | 8.1 | 2.2 | 2.3 | <2 | 4.0 |
| M_B | 16.7 | surface | 27.2 | 27.4 | 31.0 | 31.6 | 7.5 | 7.5 | 8.1 | 8.3 | <1 | <1 | <2 | 2.0 |
| | | middle | 24.3 | 24.3 | 33.0 | 33.3 | 7.5 | 7.5 | 7.9 | 8.1 | <1 | <1 | 3.0 | 4.0 |
| | | bottom | 24.2 | 24.2 | 33.1 | 33.4 | 7.1 | 7.3 | 7.9 | 8.1 | <1 | <1 | 3.0 | 3.0 |
| KS | 12.3 | surface | 26.8 | 27.3 | 30.9 | 31.2 | 7.4 | 7.4 | 8.2 | 8.2 | <1 | <1 | 3.0 | 4.0 |
| | | middle | 24.2 | 24.7 | 32.8 | 32.7 | 7.4 | 7.4 | 8.0 | 8.1 | <1 | <1 | <2 | 3.0 |
| | | bottom | 24.1 | 24.3 | 33.1 | 33.1 | 7.3 | 7.3 | 8.0 | 8.1 | <1 | <1 | 4.0 | 2.0 |
| Fresh water station | | | Temp (°C) | | Salinity (ppt) | | DO (mg/L) | | pH | | Turbidity (NTU) | | Suspended solid (mg/L) | |
| FU A | - | | 25.8 | | <0.1 | | 8.1 | | 7.7 | | 2.3 | | 2.0 | |
| FD A | - | | 26.1 | | <0.1 | | 8.1 | | 7.3 | | 2.1 | | 3.0 | |
| FU B | - | | 24.3 | | <0.1 | | 8.4 | | 7.0 | | 1.8 | | 3.0 | |
| FD B | - | | 25.1 | | <0.1 | | 8.3 | | 7.5 | | 2.0 | | 4.0 | |
| FU C | - | | 25.5 | | <0.1 | | 7.8 | | 6.2 | | 1.3 | | 2.0 | |
| FD C | - | | 25.4 | | <0.1 | | 8.1 | | 6.8 | | 1.5 | | 4.0 | |
| F Inland M | - | | 25.0 | | <0.1 | | 8.3 | | 7.5 | | 2.2 | | 4.0 | |

| 07/05/2007 | 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 | 5.3 | surface | 3.0 | 4.0 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| | | bottom | 3.0 | <2 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| KLW | 13.1 | surface | 4.0 | 5.0 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| | | middle | 5.0 | 3.0 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| | | bottom | 3.0 | 4.0 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| M_A | 8.1 | surface | 4.0 | 4.0 | 0.03 | 0.02 | <0.01 | <0.01 | <0.01 | <0.01 | 0.05 | 0.04 | <0.01 | <0.01 | 1.7 | 1.4 | | |
| | | middle | 4.0 | 3.0 | <0.01 | 0.02 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | 0.04 | <0.01 | <0.01 | 1.6 | 1.4 | | |
| | | bottom | 3.0 | 2.0 | <0.01 | 0.03 | <0.01 | 0.01 | <0.01 | <0.01 | <0.01 | 0.05 | <0.01 | <0.01 | 1.6 | 1.4 | | |
| M_Marsh | 8.0 | surface | 4.0 | 3.0 | <0.01 | 0.03 | 0.01 | 0.02 | <0.01 | <0.01 | <0.01 | 0.06 | <0.01 | <0.01 | 1.0 | 1.1 | | |
| | | middle | 6.0 | 4.0 | 0.02 | <0.01 | 0.01 | 0.02 | <0.01 | <0.01 | 0.04 | 0.04 | <0.01 | <0.01 | 1.1 | 1.0 | | |
| | | bottom | 5.0 | 5.0 | <0.01 | <0.01 | 0.01 | 0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | 1.2 | 1.0 | | |
| TTC | 9.7 | surface | 3.0 | 5.0 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | 1.0 | 1.0 | | |
| | | middle | 5.0 | 3.0 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | 1.0 | 1.0 | | |
| | | bottom | 4.0 | 3.0 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | 1.1 | 1.0 | | |
| M_BP | 8.2 | surface | 3.0 | 5.0 | 0.01 | <0.01 | 0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | 1.3 | 1.1 | | |
| | | middle | 4.0 | 4.0 | <0.01 | 0.05 | 0.01 | <0.01 | <0.01 | <0.01 | <0.01 | 0.07 | <0.01 | <0.01 | 1.1 | 1.0 | | |
| | | bottom | 3.0 | 3.0 | <0.01 | 0.01 | 0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | 1.1 | 1.1 | | |
| M_Coral | 8.6 | surface | 3.0 | <2 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| | | middle | <2 | 2.0 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| | | bottom | <2 | 4.0 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| M_B | 16.7 | surface | <2 | 2.0 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| | | middle | 3.0 | 4.0 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| | | bottom | 3.0 | 3.0 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| KS | 12.3 | surface | 3.0 | 4.0 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| | | middle | <2 | 3.0 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| | | bottom | 4.0 | 2.0 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 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 | - | | 2.0 | | - | | - | | - | | - | | - | | - | | - | |
| FD A | - | | 3.0 | | - | | - | | - | | - | | - | | - | | - | |
| FU B | - | | 3.0 | | - | | - | | - | | - | | - | | - | | - | |
| FD B | - | | 4.0 | | - | | - | | - | | - | | - | | - | | - | |
| FU C | - | | 2.0 | | - | | - | | - | | - | | - | | - | | - | |
| FD C | - | | 4.0 | | - | | - | | - | | - | | - | | - | | - | |
| F Inland M | - | | 4.0 | | <0.01 | | 1.01 | | <0.01 | | 1.03 | | <0.01 | | 0.7 | | | |