

Halifax Harbour Water Quality Monitoring Project Weekly Summary #16

Survey Date: 5 Oct 04
Nature of Survey: Coliform Survey
Report File (this document): HHWQMP_report016_041005.doc
Data File: HHWQMP_data016_041005.xls

Data Return:
Profile: 100%
Bacteria: 100%
Chemical: na
Overall: 100%

Sample Notes:

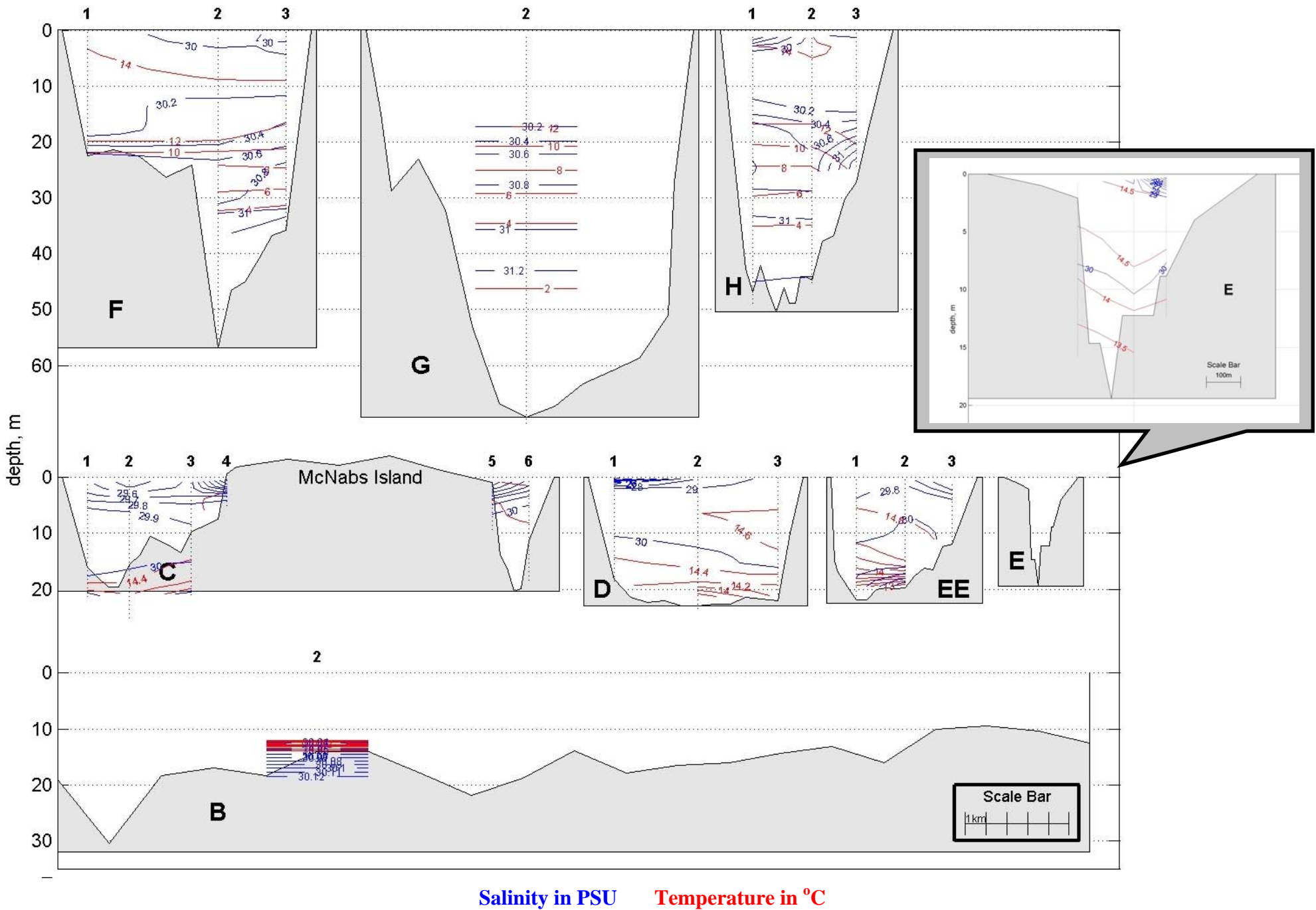
QA/QC samples:

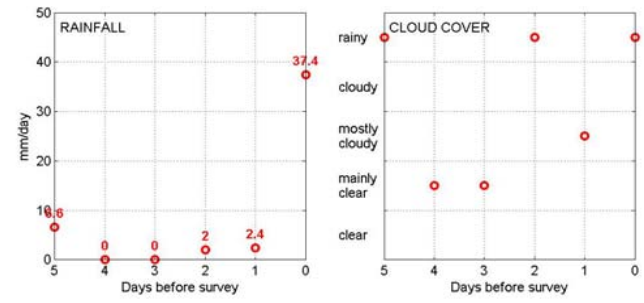
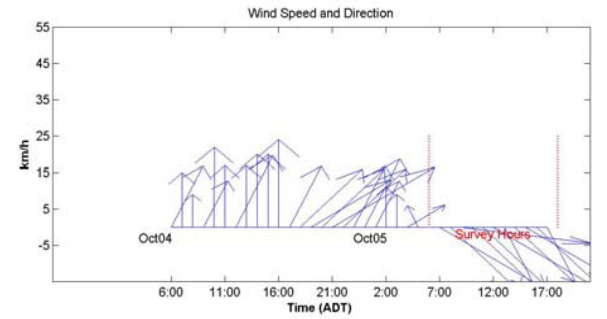
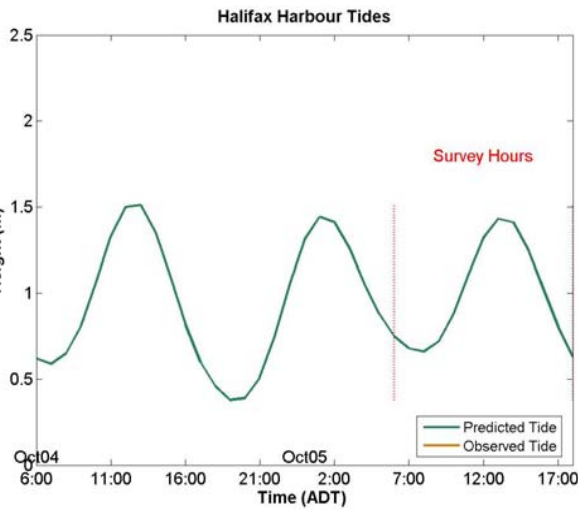
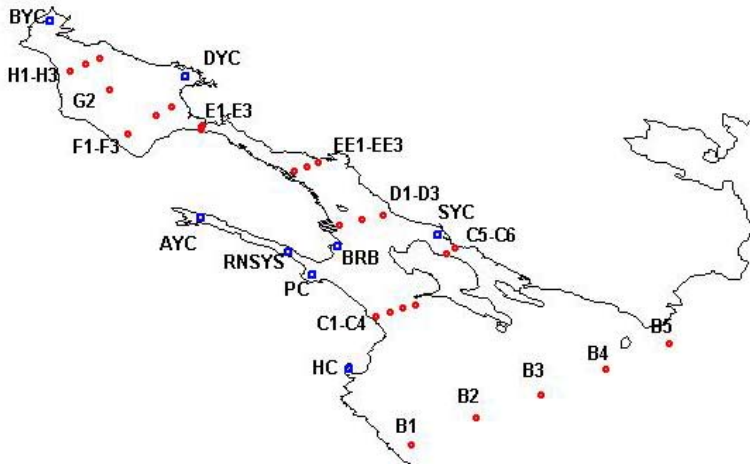
Fecal Coliform (CFU/100ml)

| Site | C2-10m | RNSYS-1m | G2-1m | E1-10m | F3-10m | E2-1m |
|-----------|--------|----------|-------|--------|--------|-------|
| Reference | 3 | 2100 | 630 | 1600 | 1300 | 13000 |
| QA/QC | 0 | 2700 | 200 | 1600 | 670 | 16000 |

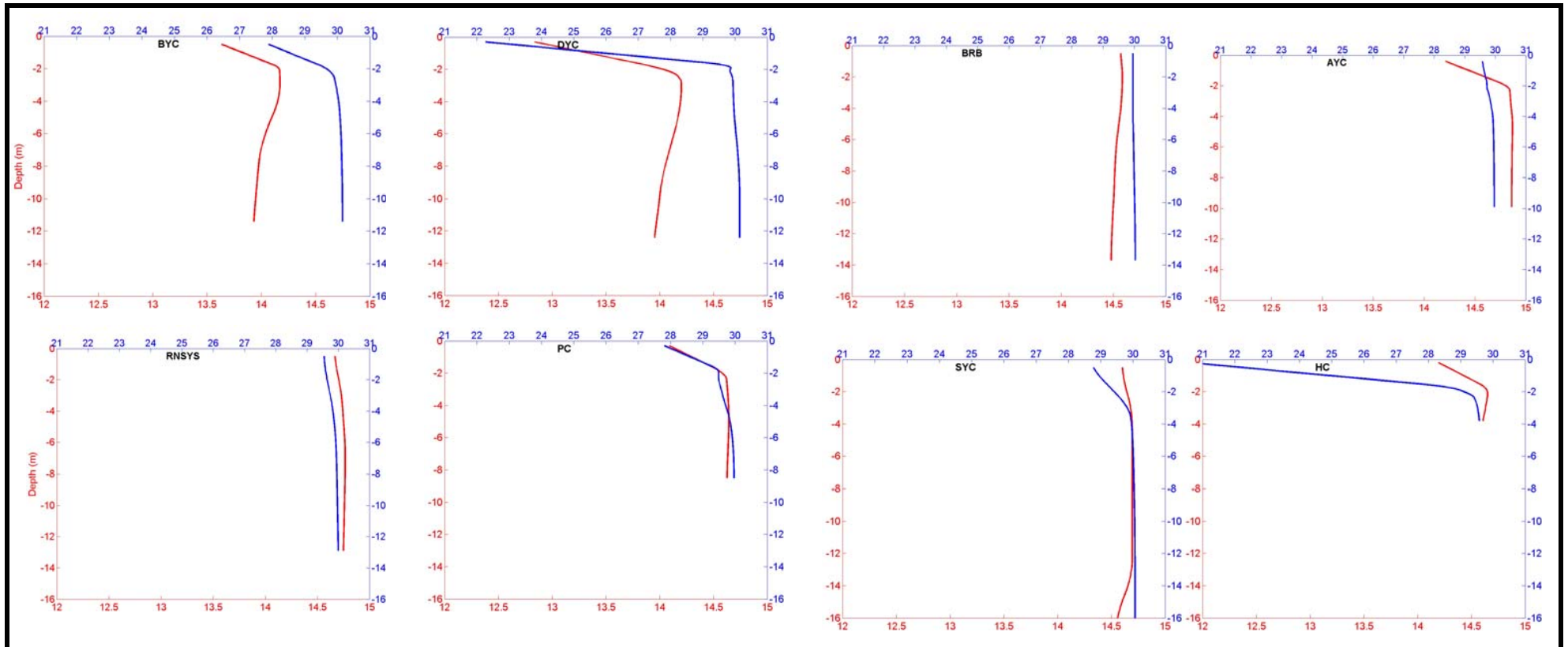
Comments:

Dissolved Oxygen: The apparent lower oxygen values at the surface are likely the result of flow problems in the sensor (See report #12). The dissolved oxygen was similar to last week (approx. 3.0 mg/L) in the bottom of Bedford Basin. In addition to this the SA criteria (8 mg/l) is violated at station B2 (max values about 7.7 mg/l) and SB criteria (7 mg/l) was violated at C5 and C6 (max value about 6.9) as well as HC, though this latter is probably due to the surface problems as the water is very shallow.

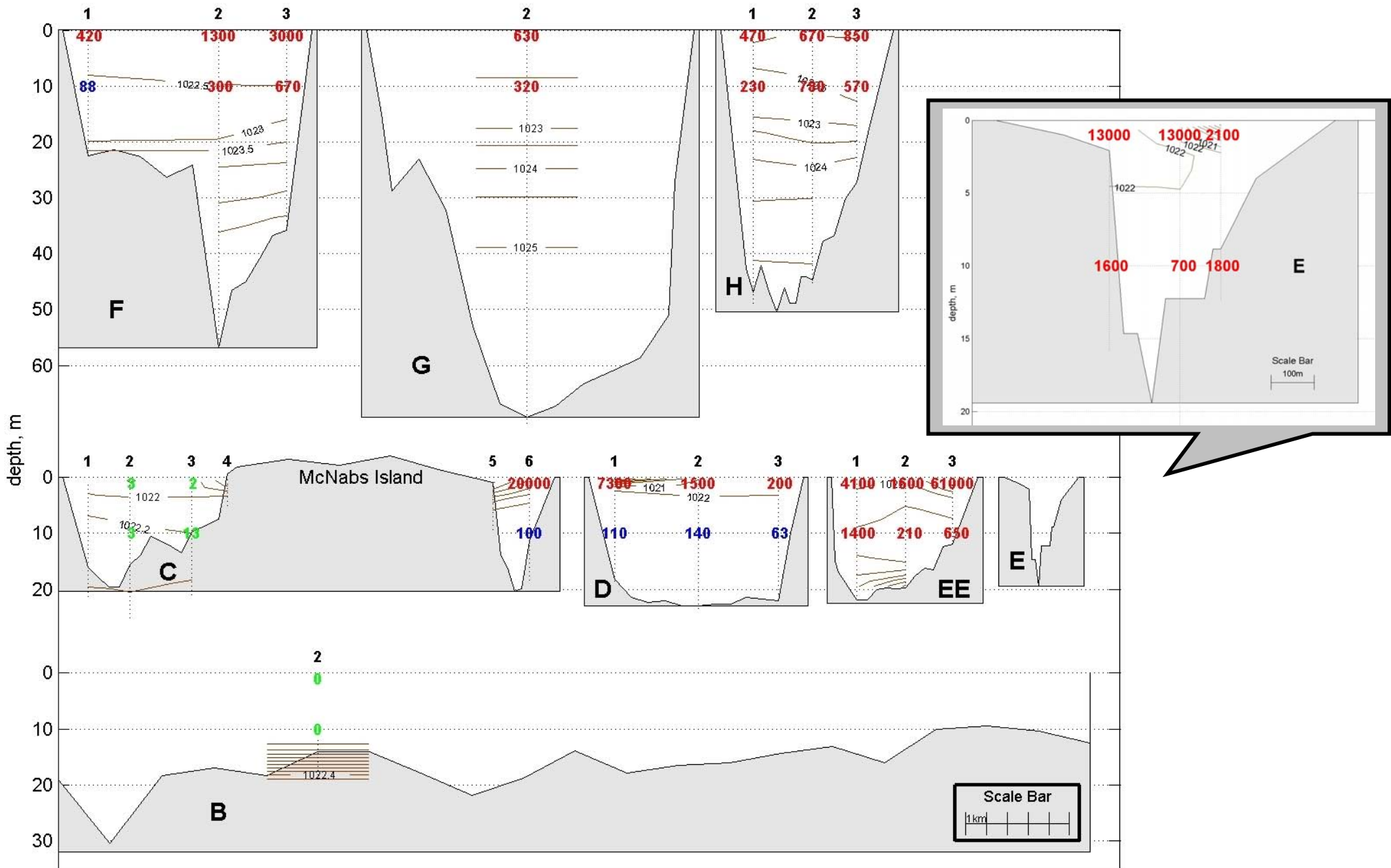




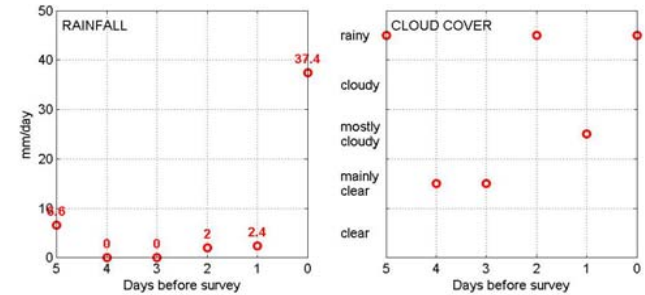
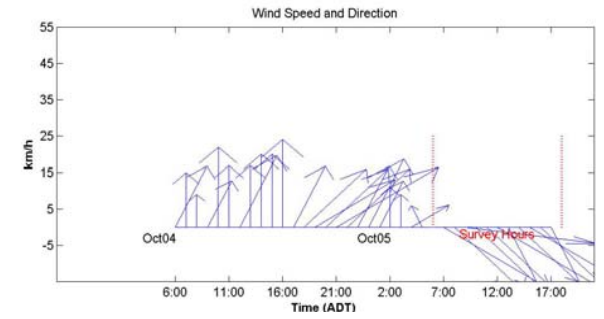
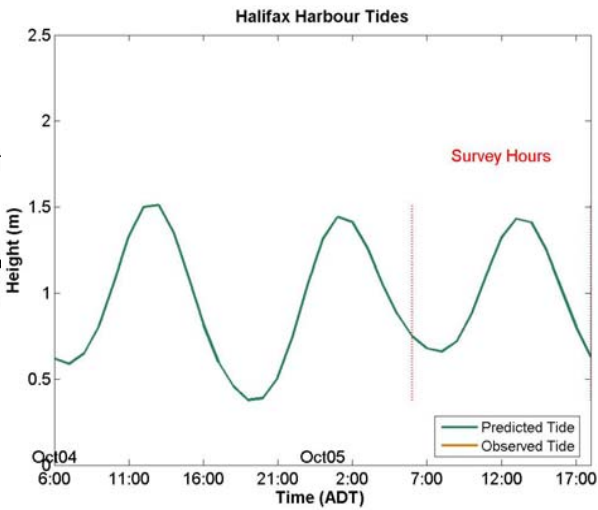
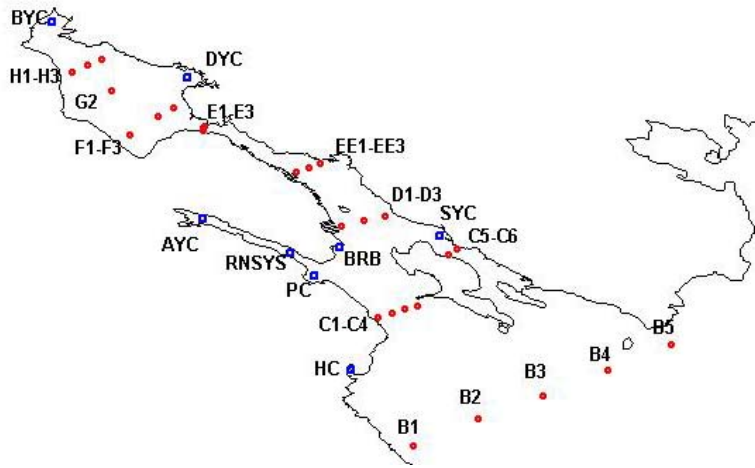
Yacht Clubs



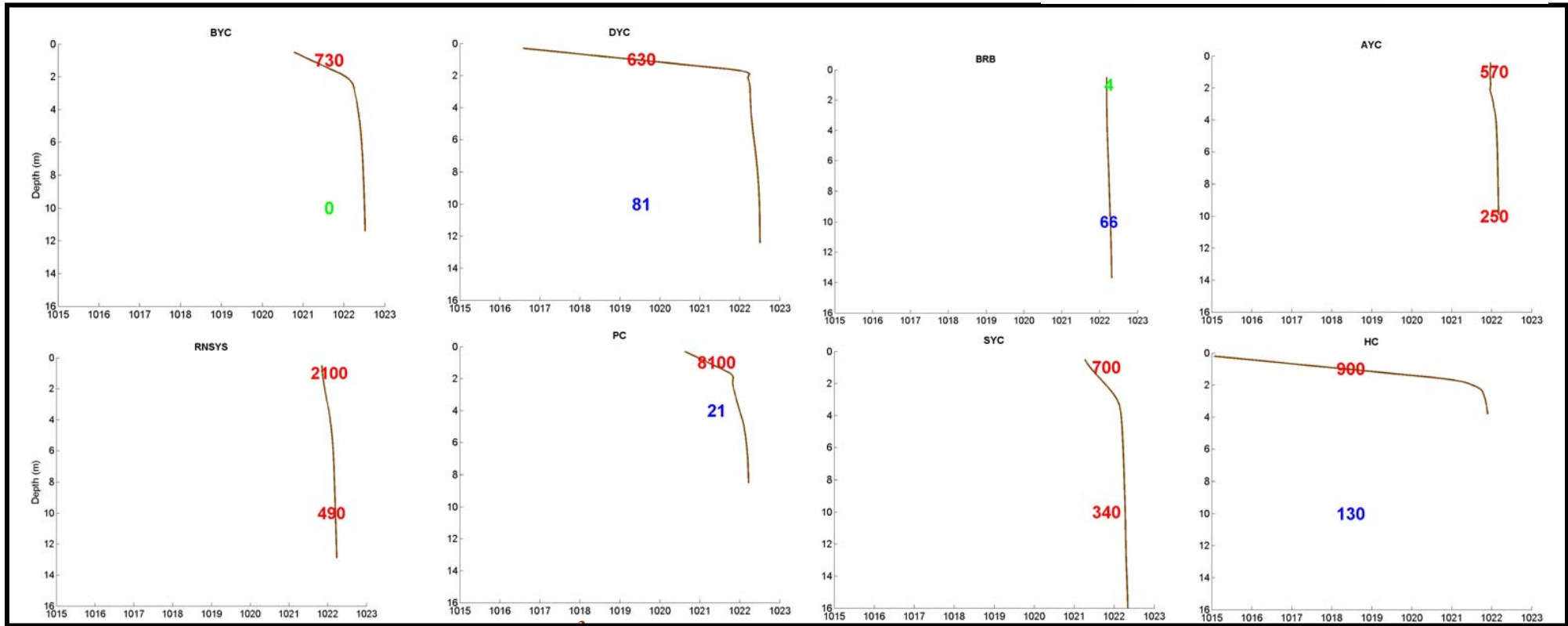
Salinity in PSU Temperature in °C



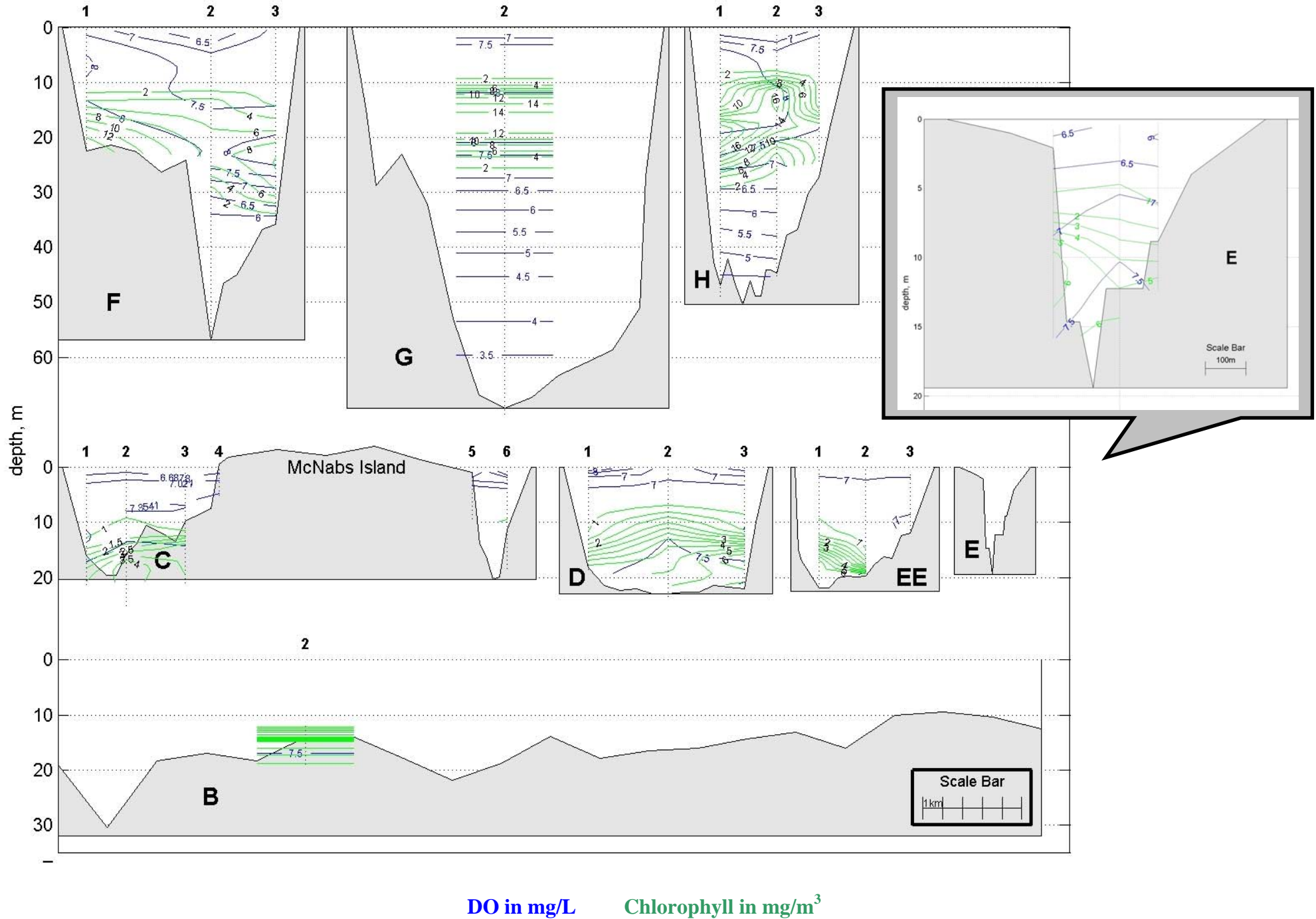
Density in kg/m³ **Fecal coliform:** **above swimming limit (200 cfu/100mL)**
above shellfish limit (14 cfu/100mL)
below limits

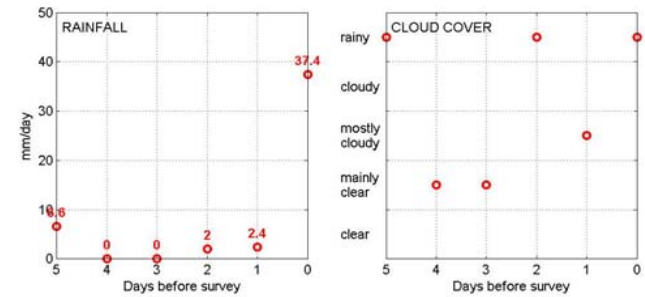
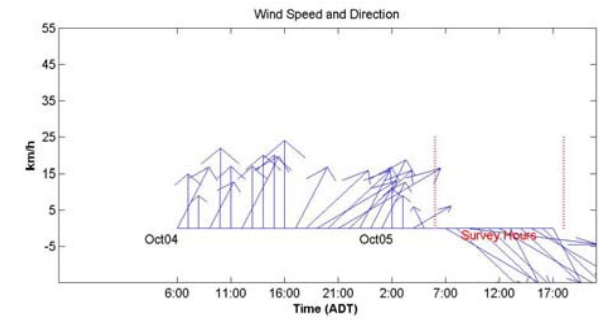
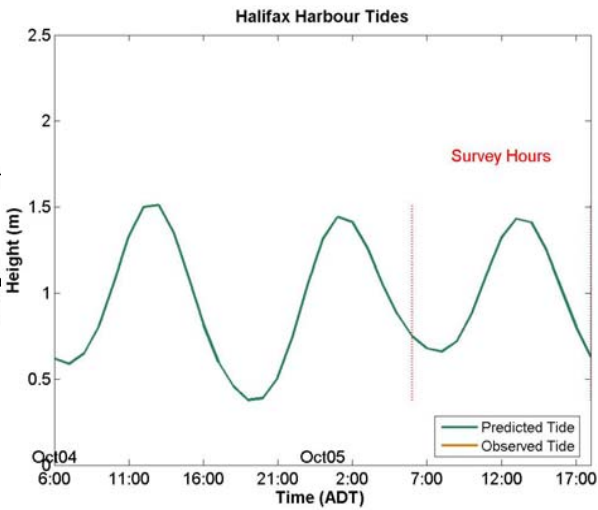
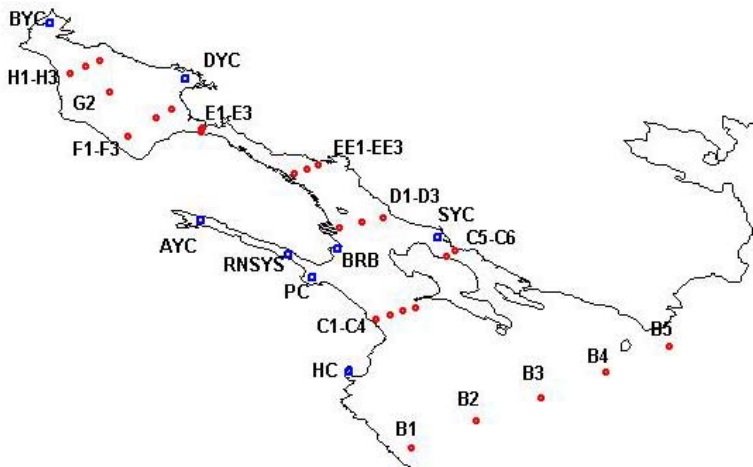


Yacht Clubs

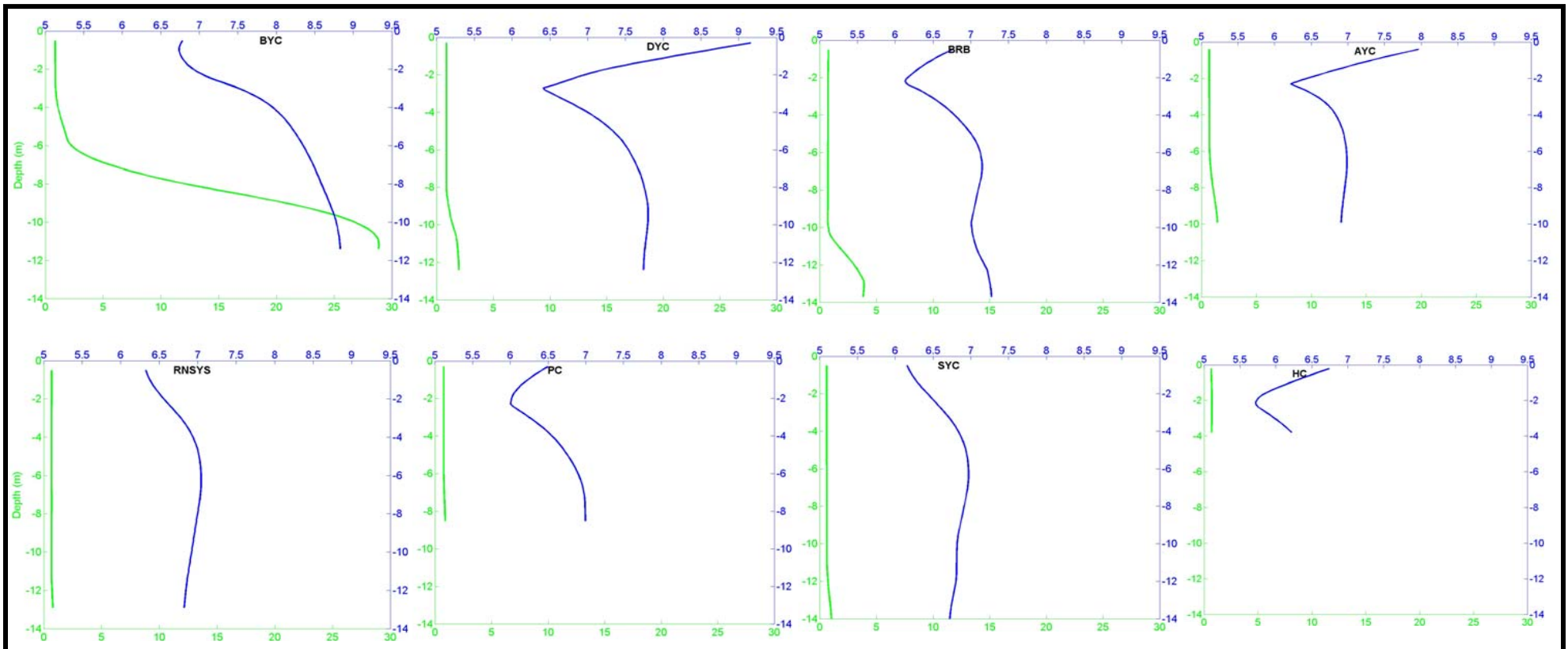


Density in kg/m³ **Fecal coliform: above swimming limit (200 cfu/100mL)**
above shellfish limit (14 cfu/100mL)
below limits





Yacht Clubs



DO in mg/L

Chlorophyll in mg/m³