

## Halifax Harbour Water Quality Monitoring Project Weekly Summary #18

**Survey Date:** 19 Oct 04  
**Nature of Survey:** Coliform Survey  
**Report File (this document):** HHWQMP\_report018\_041019.doc  
**Data File:** HHWQMP\_data018\_041019.xls

**Data Return:**  
Profile: 110%  
Bacteria: 100%  
Chemical: na  
**Overall: 106%**

### Sample Notes:

CTD profiles collected at optional sites B1, B3 and B4

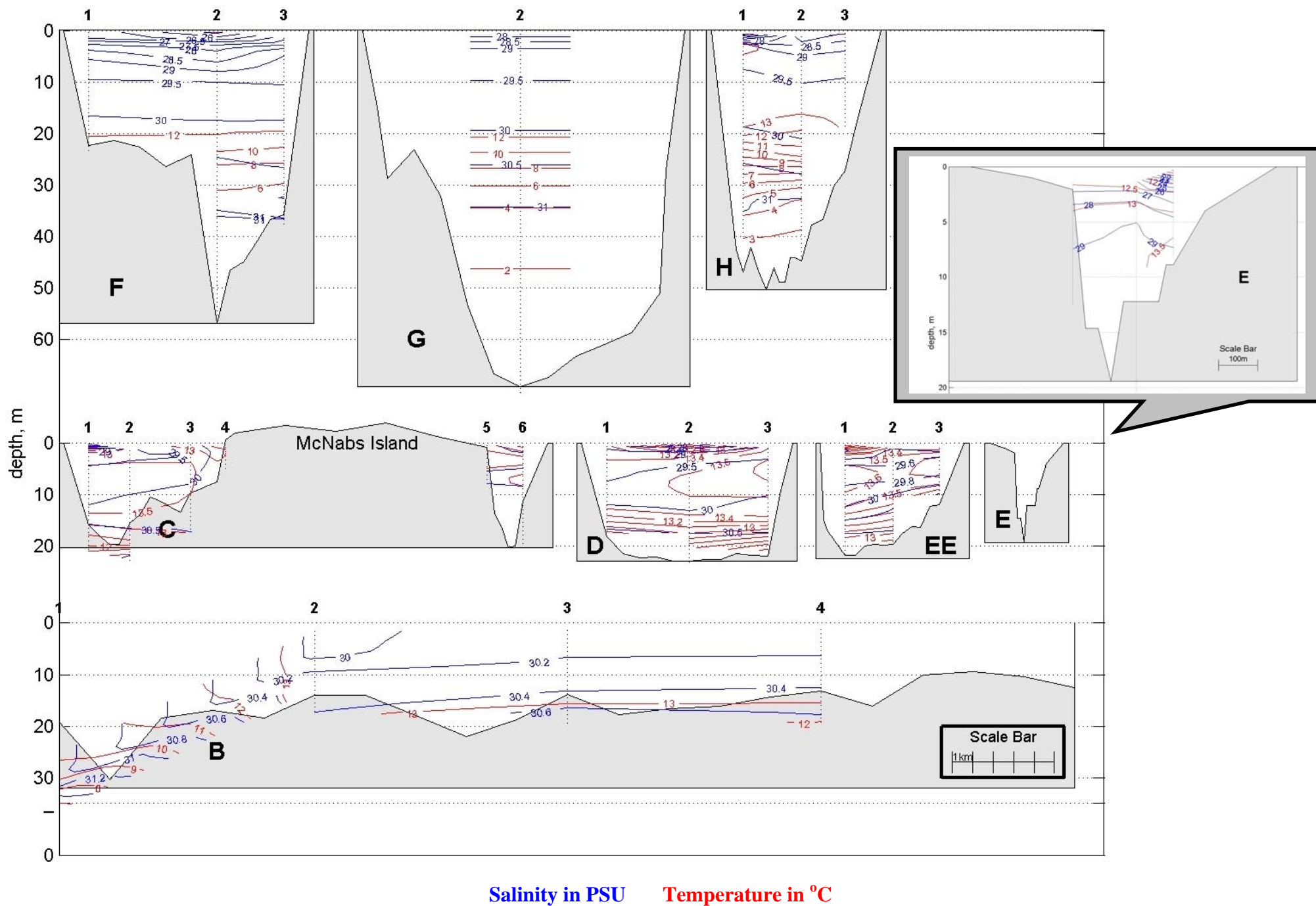
### QA/QC samples:

#### Fecal Coliform (CFU/100ml)

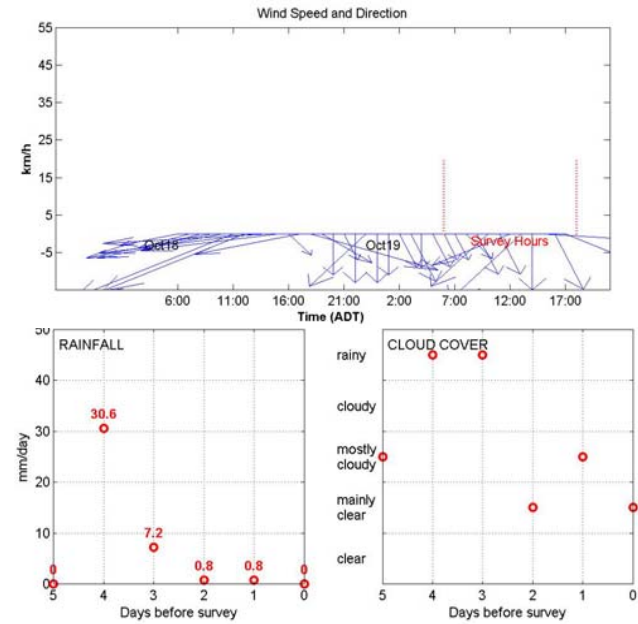
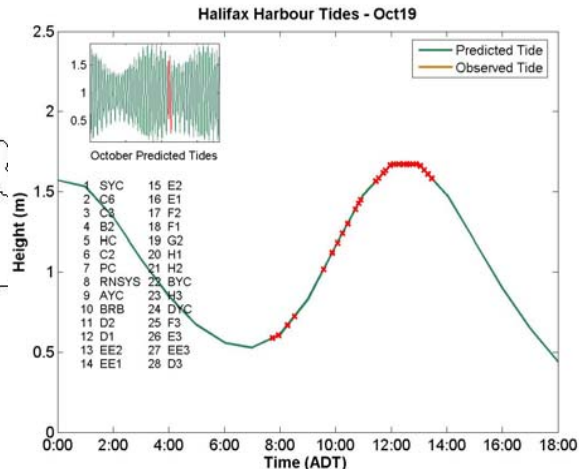
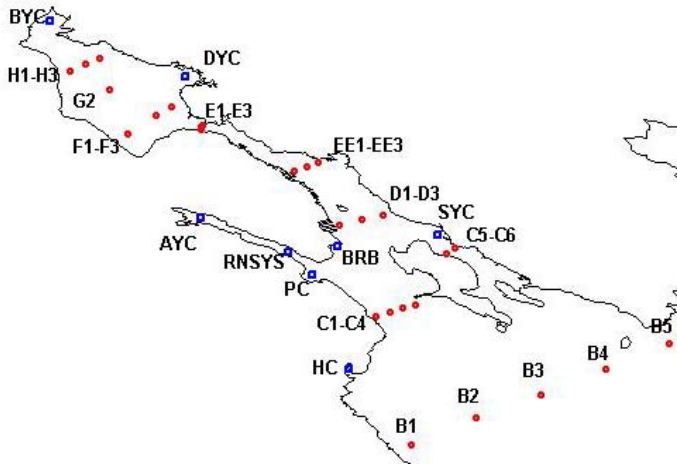
Site	C2-1m	C3-10m	F1-1m	EE2-10m	E1-10m	D3-10m
Reference	1500	130	440	260	2200	73
QA/QC	830	150	160	300	2200	37

### Comments:

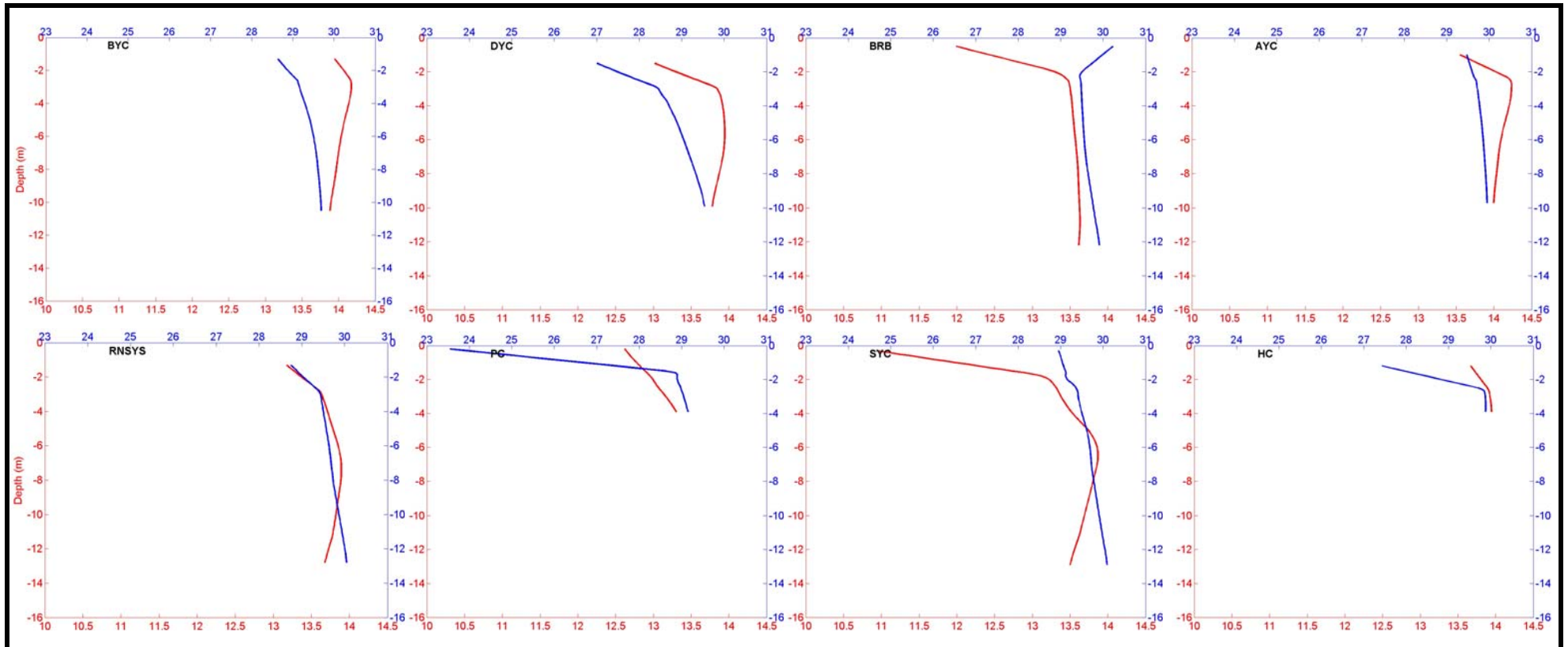
Dissolved Oxygen: The apparent lower oxygen values at the near surface are likely the result of flow problems in the sensor (See report #12). The dissolved oxygen continues to drop (2.5 mg/L) in the bottom of Bedford Basin. In addition to this, the SA criteria (8 mg/l) is violated at stations B2, B3 and B4 (max values about 7.7mg/l). Violations of the SB criteria by maximum profile values occurred but all at relatively shallow sites which makes them questionable given the instrument problems.



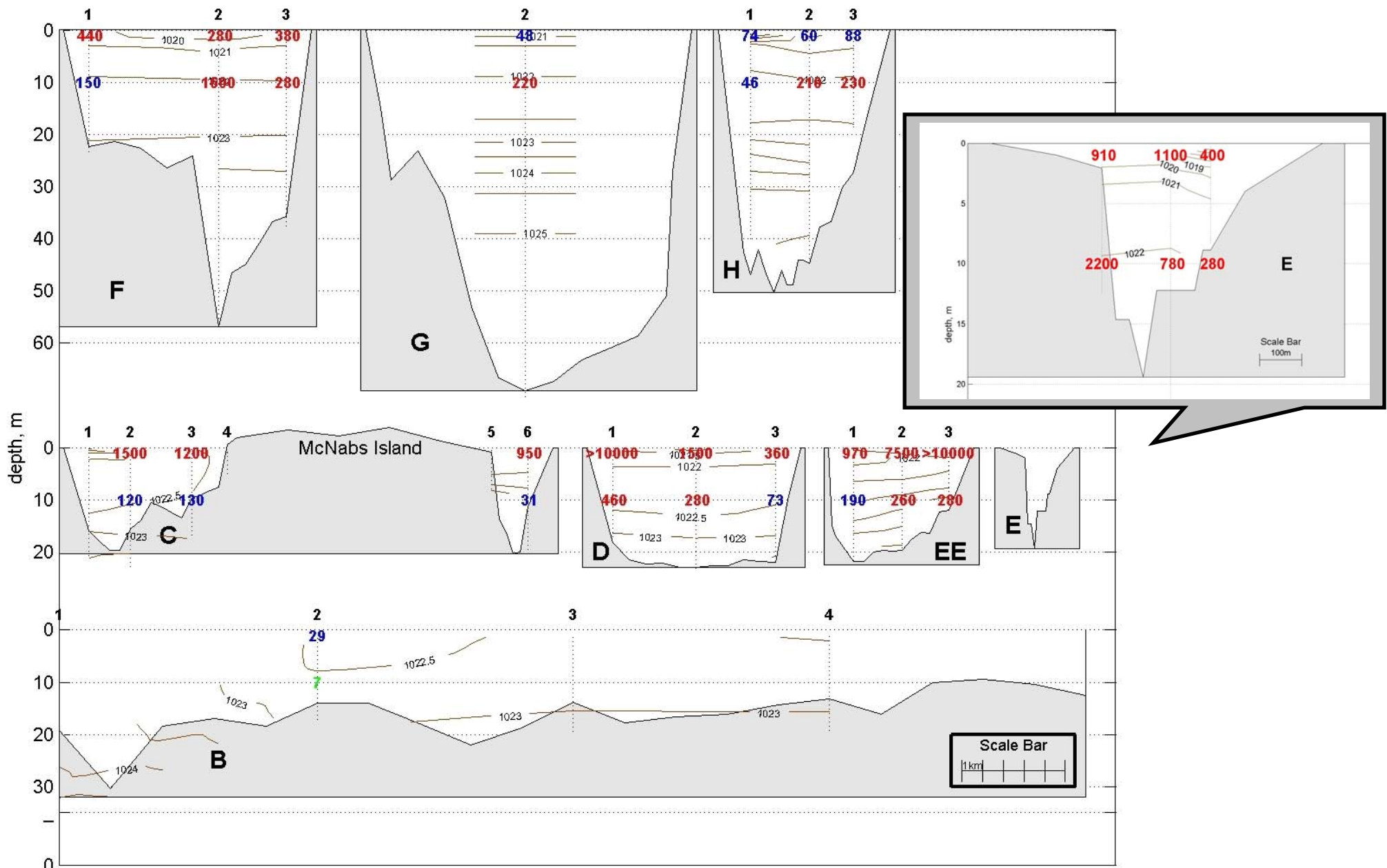
Salinity in PSU    Temperature in °C



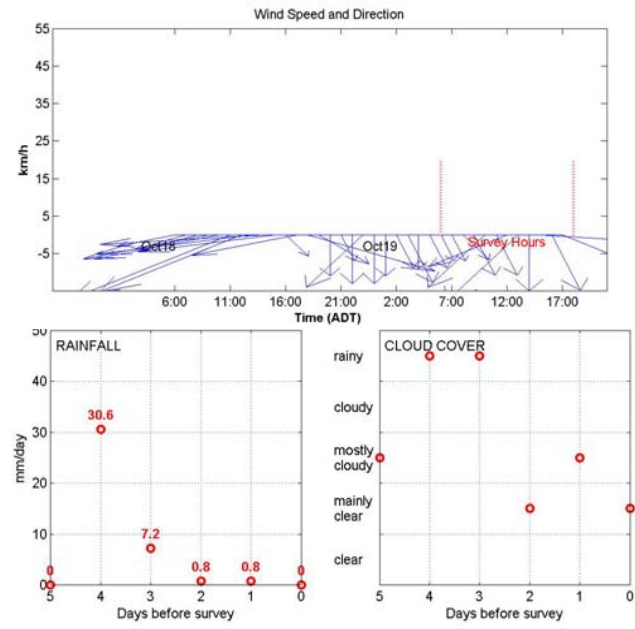
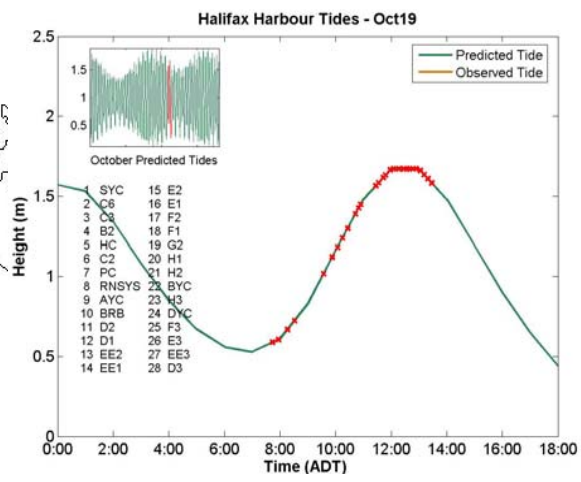
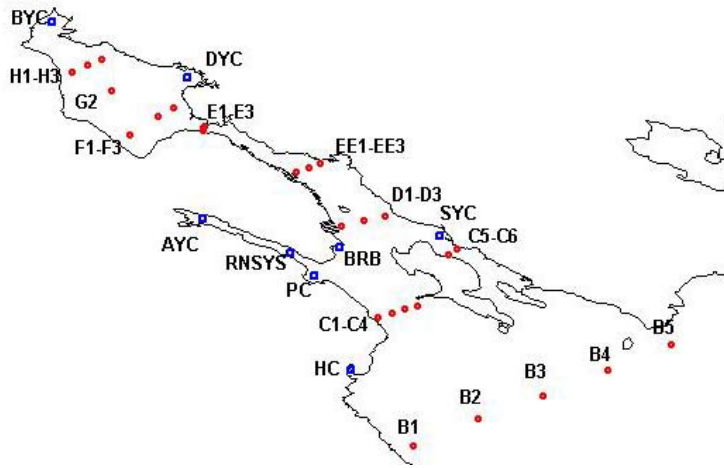
## Yacht Clubs



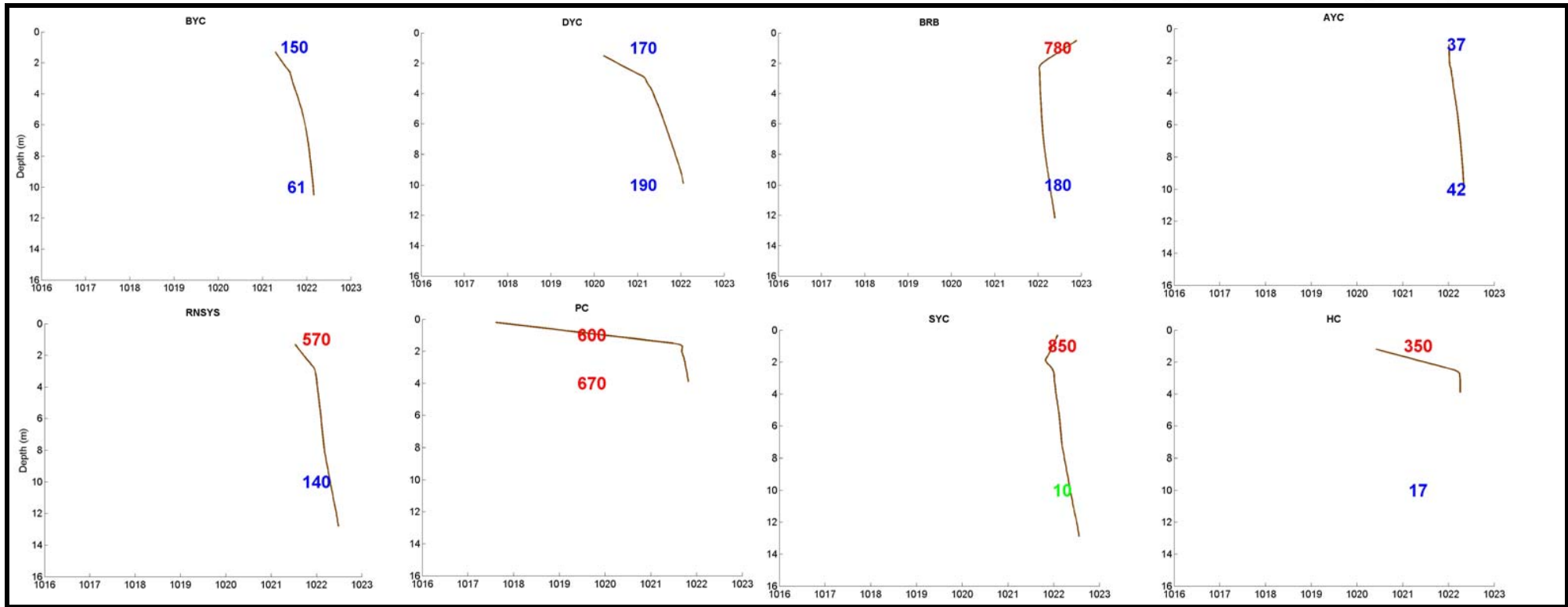
Salinity in PSU      Temperature in °C



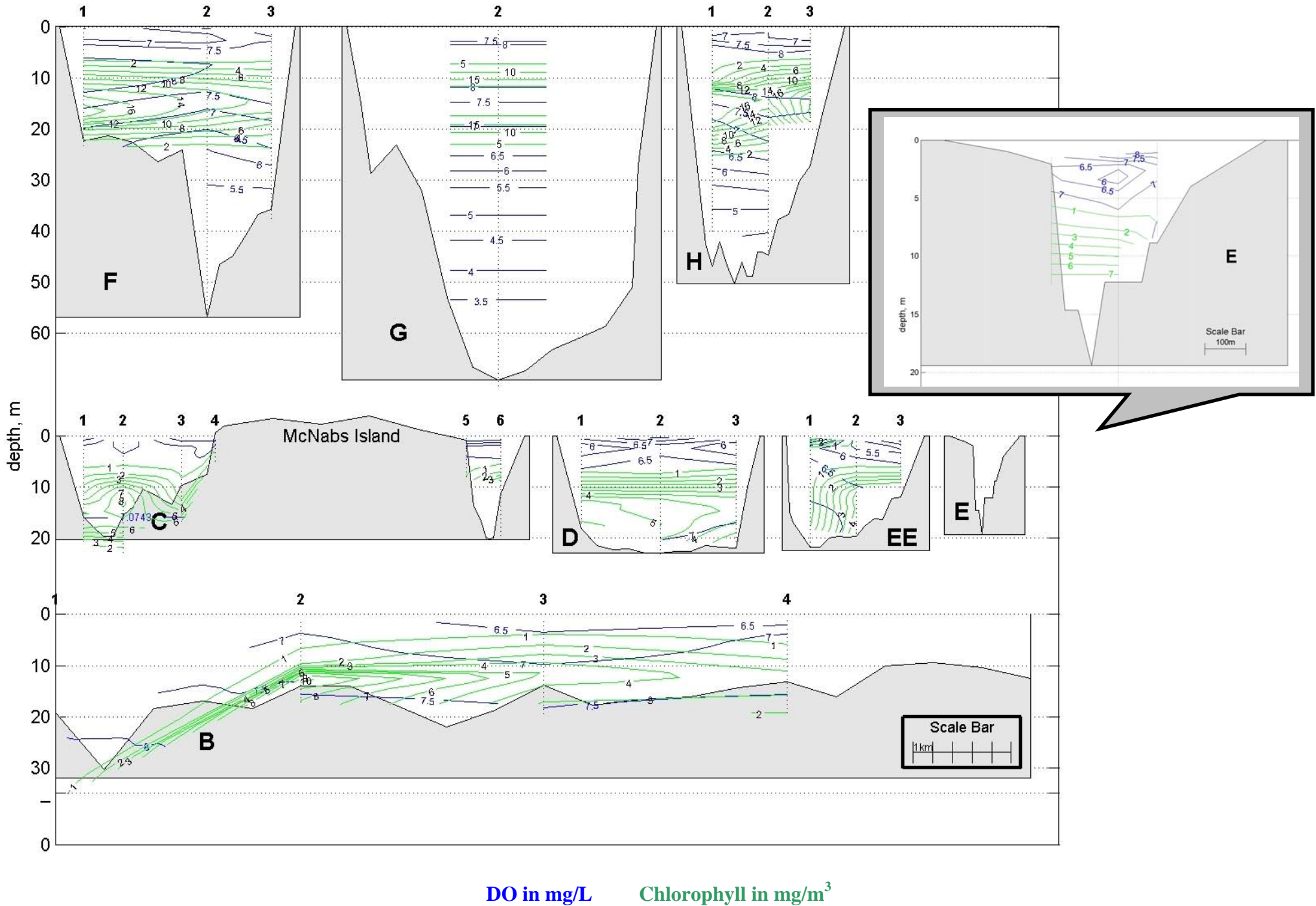
Density in kg/m<sup>3</sup>    Fecal coliform: **above swimming limit (200 cfu/100mL)**  
**above shellfish limit (14 cfu/100mL)**  
 below limits



## Yacht Clubs

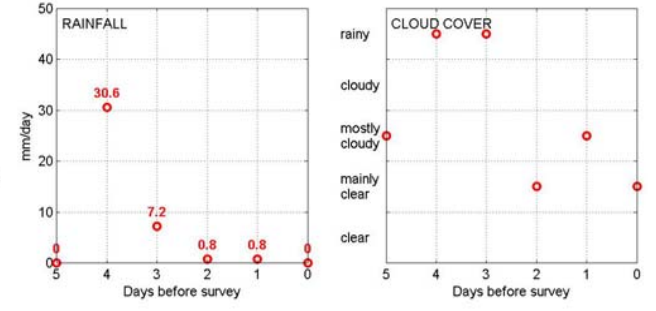
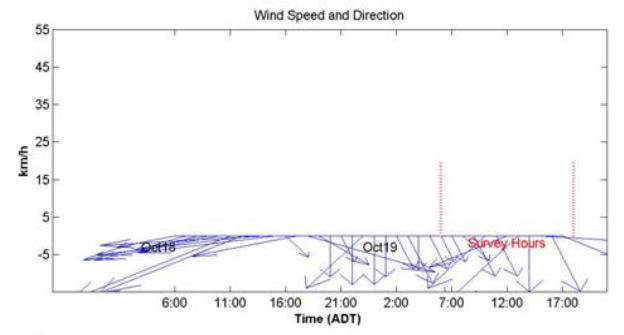
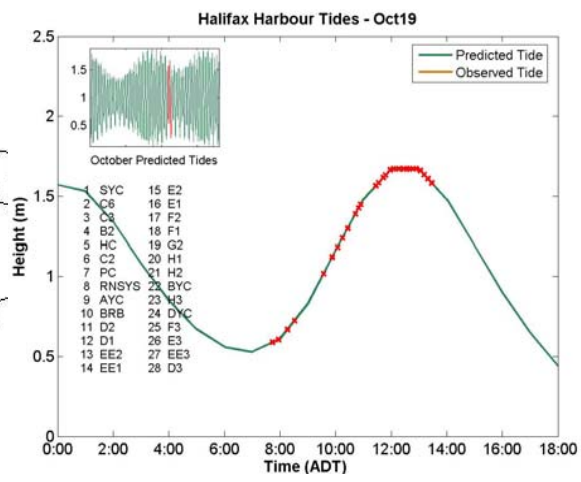
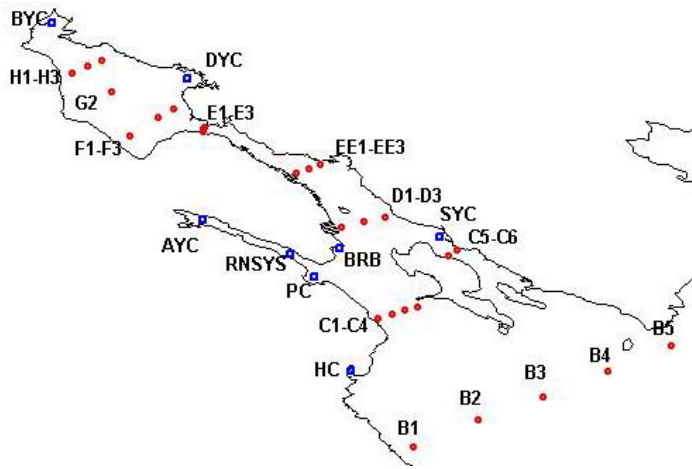


**Density in kg/m<sup>3</sup>**      **Fecal coliform: above swimming limit (200 cfu/100mL)**  
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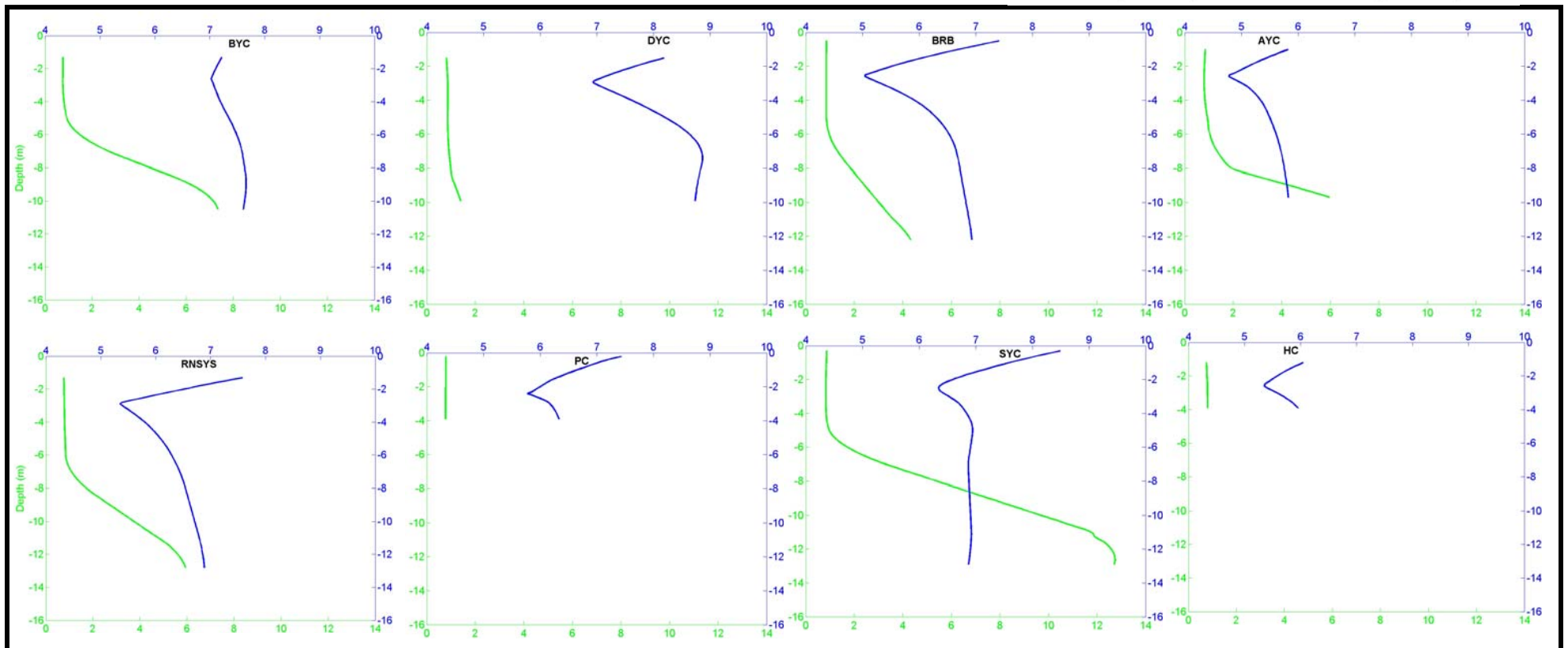


DO in mg/L

Chlorophyll in mg/m<sup>3</sup>



## Yacht Clubs



DO in mg/L

Chlorophyll in mg/m<sup>3</sup>