

## Halifax Harbour Water Quality Monitoring Project Weekly Summary #10

**Survey Date:** 24 Aug 04  
**Nature of Survey:** Coliform Survey  
**Report File (this document):** HHWQMP\_report010\_040824.doc  
**Data File:** HHWQMP\_data010\_040824.xls

**Data Return:**  
 Profile: 103%  
 Bacteria: 100%  
 Chemical: na  
**Overall: 102%**

### Data Notes:

- Data set includes profile data at "optional site" B1
- Fecal coliform tests performed with mixed resolution, a combination of CFU/mL and CFU/100mL.

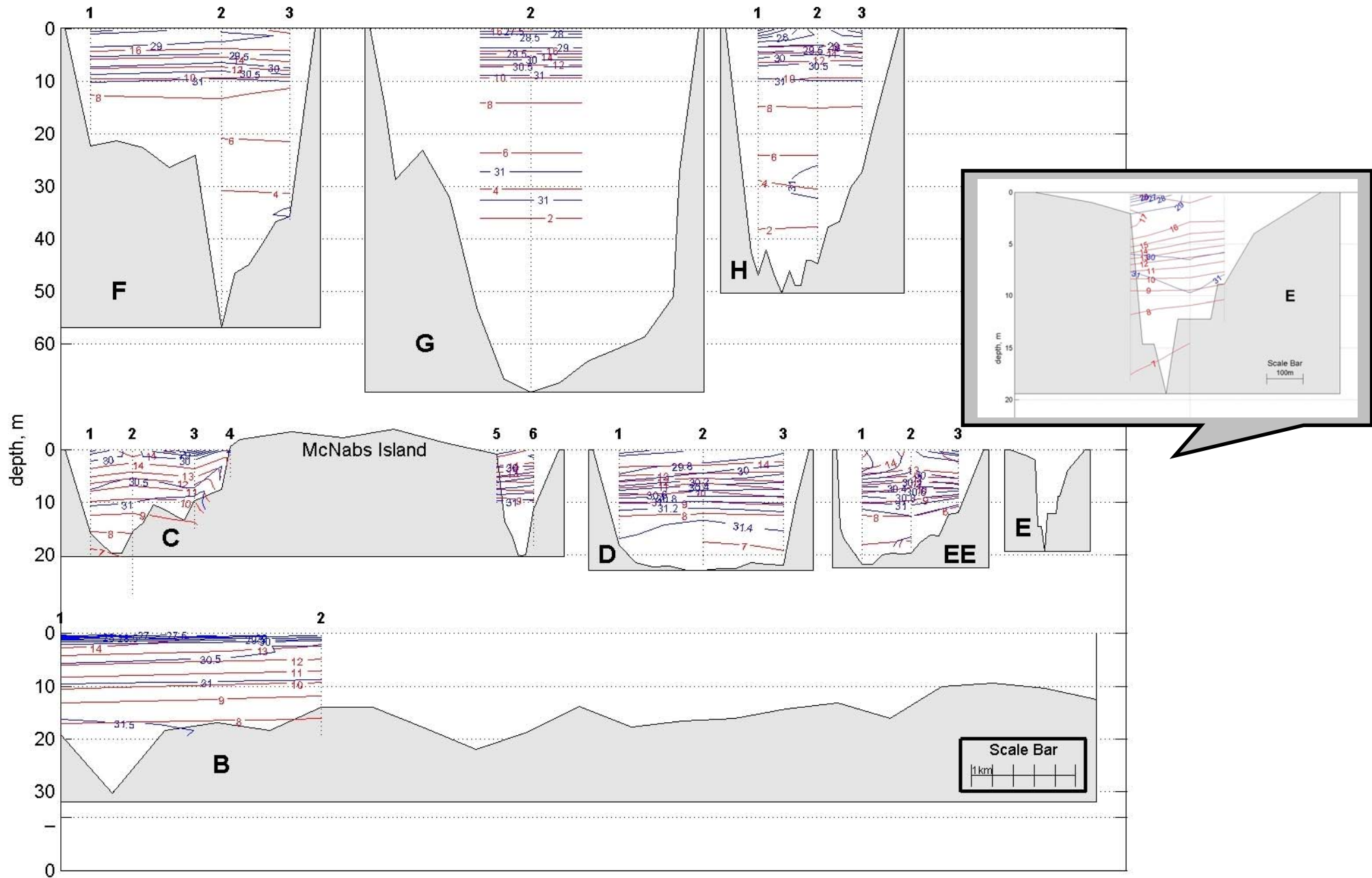
### QA/QC samples:

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

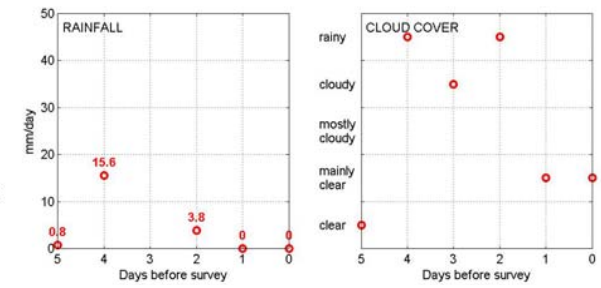
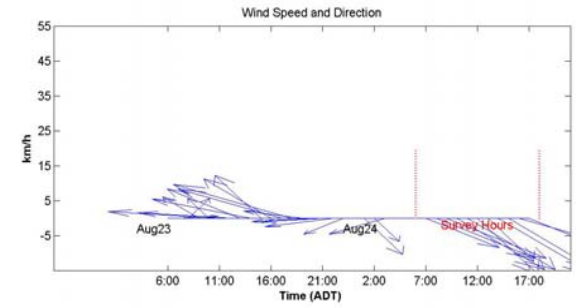
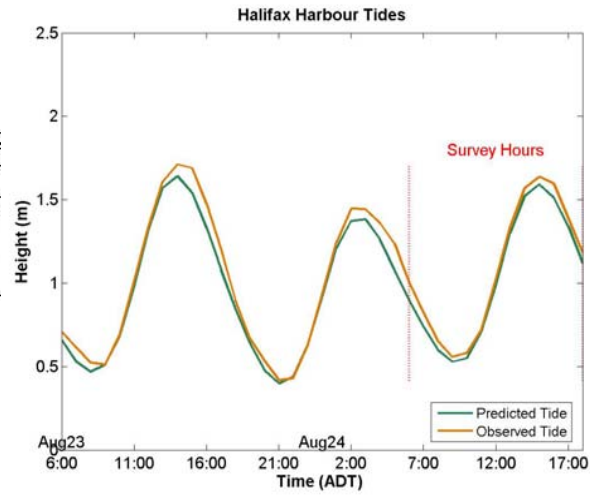
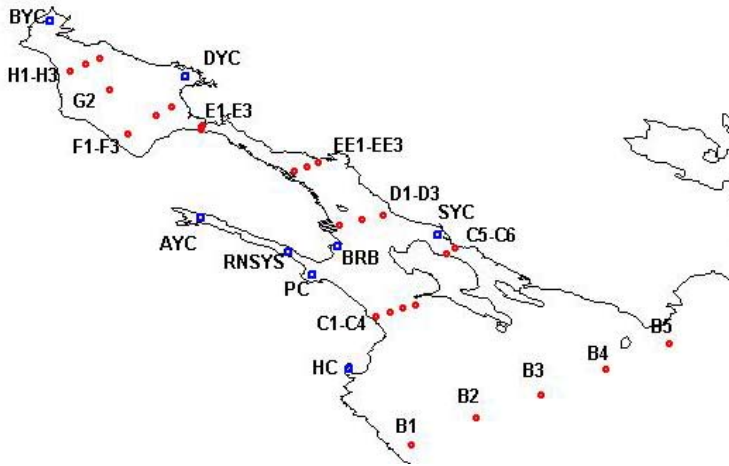
Site	F3-10m	F3-1m	Dyc-10m	H2-1m	H1-10m	EE1-10m
Reference	86	700	45	57	54	650
QA/QC	0	100	0	200	0	500

### Comments:

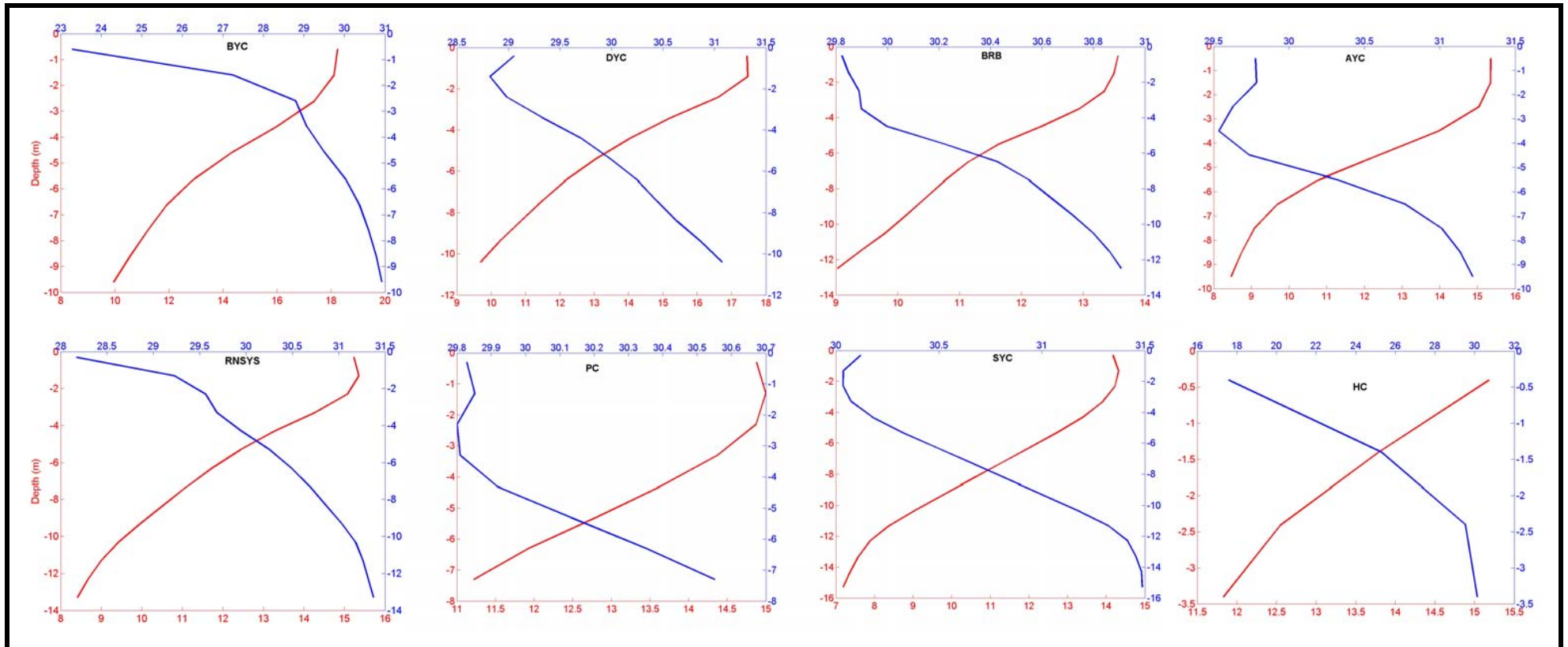
The water deeper than 35 m deep in Bedford Basin has dissolved oxygen levels below the 7.0 mg/l class SB limit. In the deepest water the DO level is approximately 4 mg/l. Elsewhere the water is above the dissolved oxygen limits, though not by a lot. The exception is in the nearsurface water (<3 m) at transect B where the Class SA limit is violated in about a 2m layer.



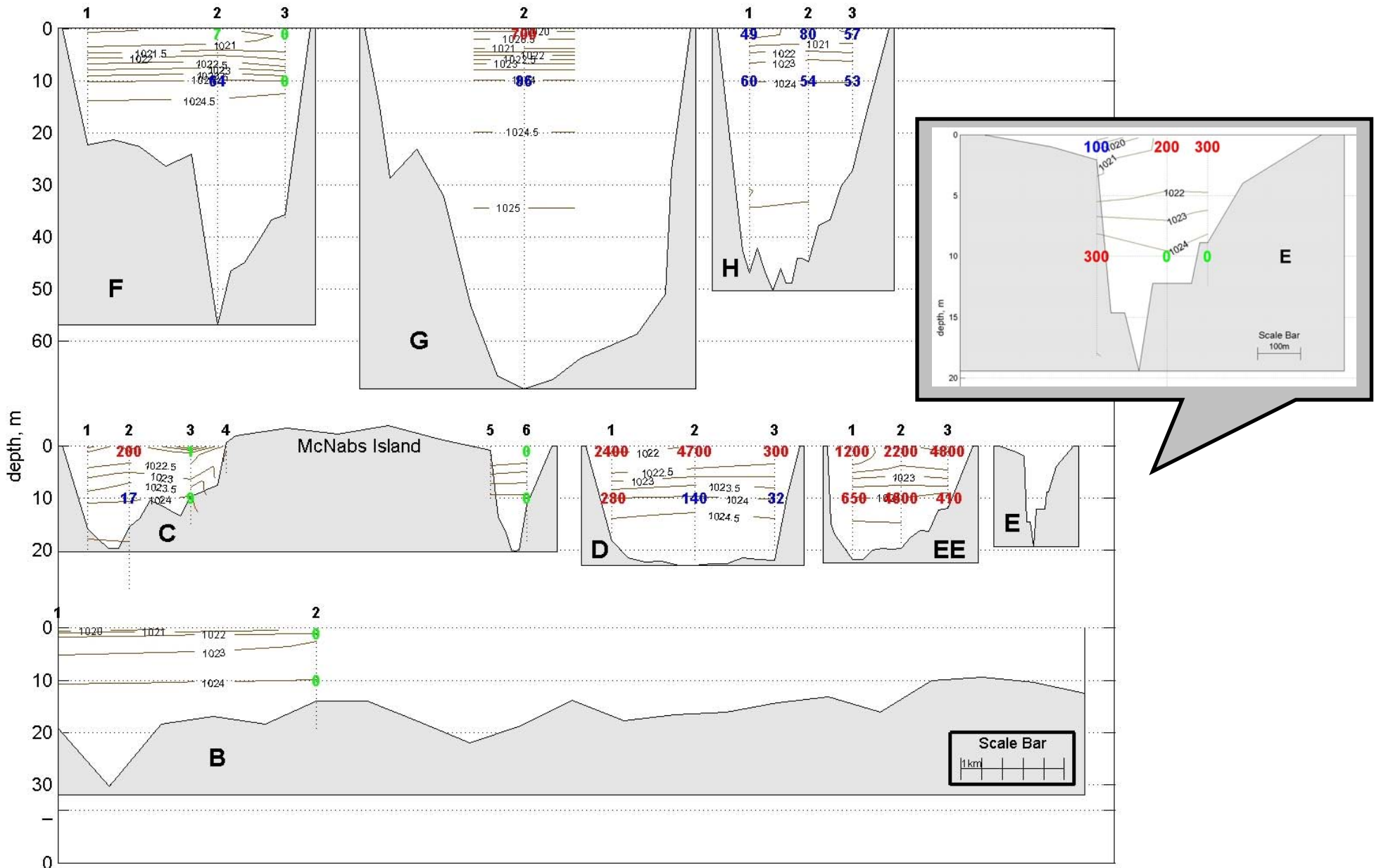
Salinity in PSU    Temperature in °C



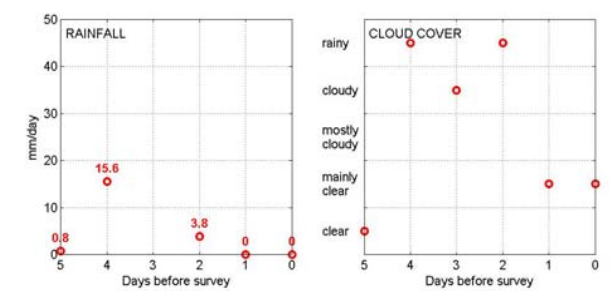
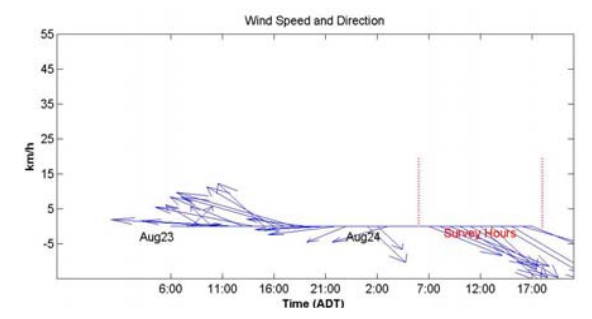
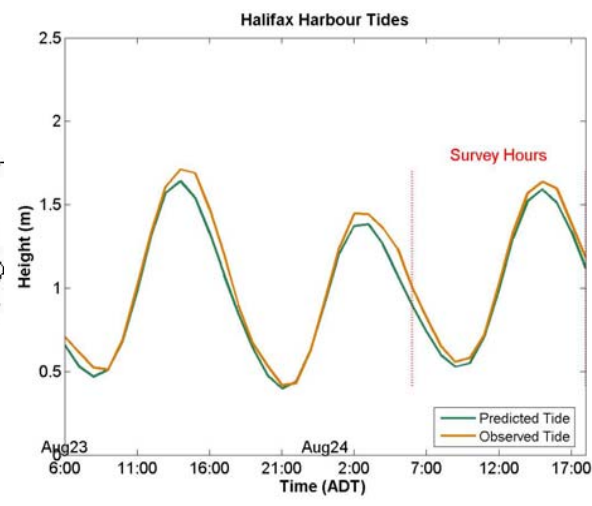
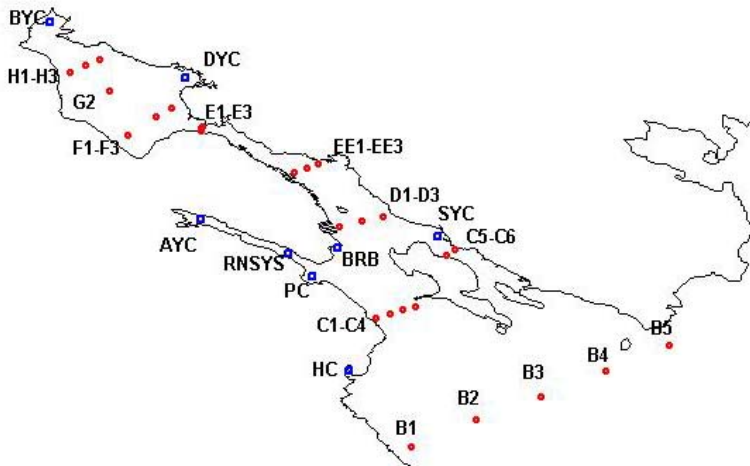
**Yacht Clubs**



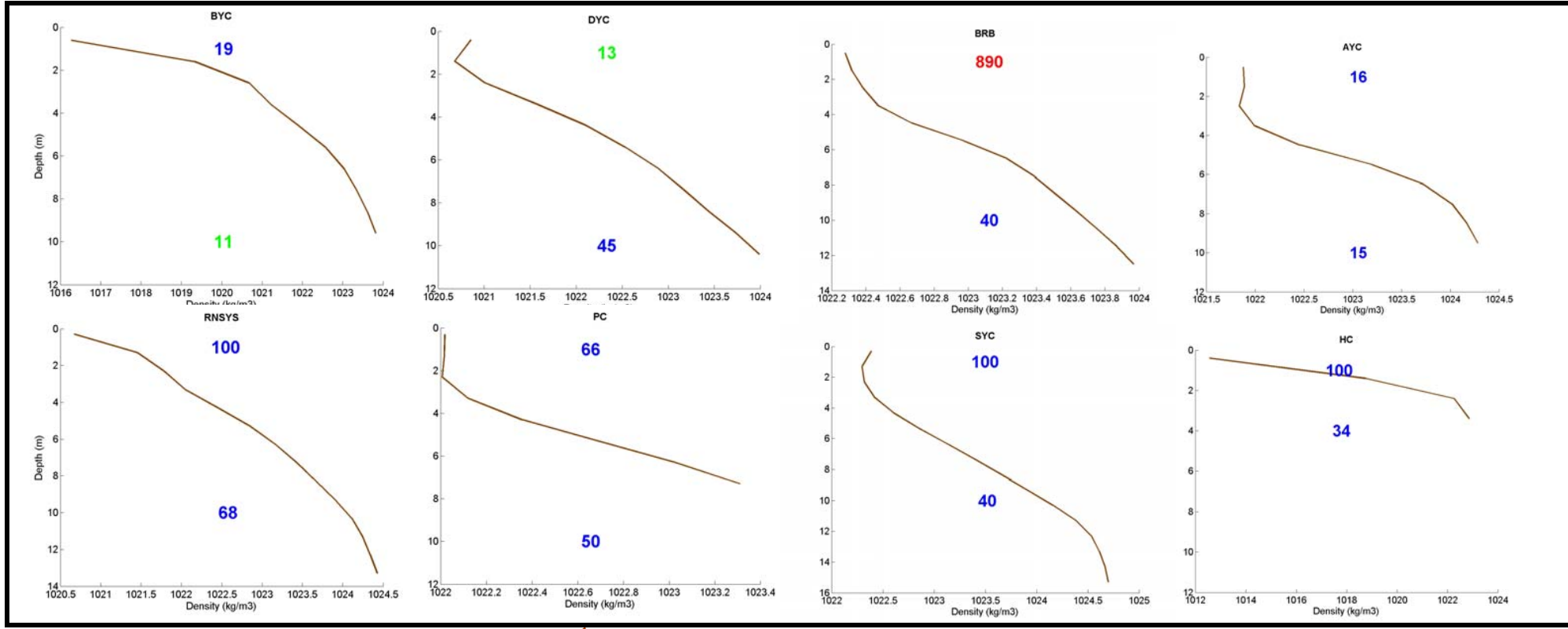
Salinity in PSU      Temperature in °C



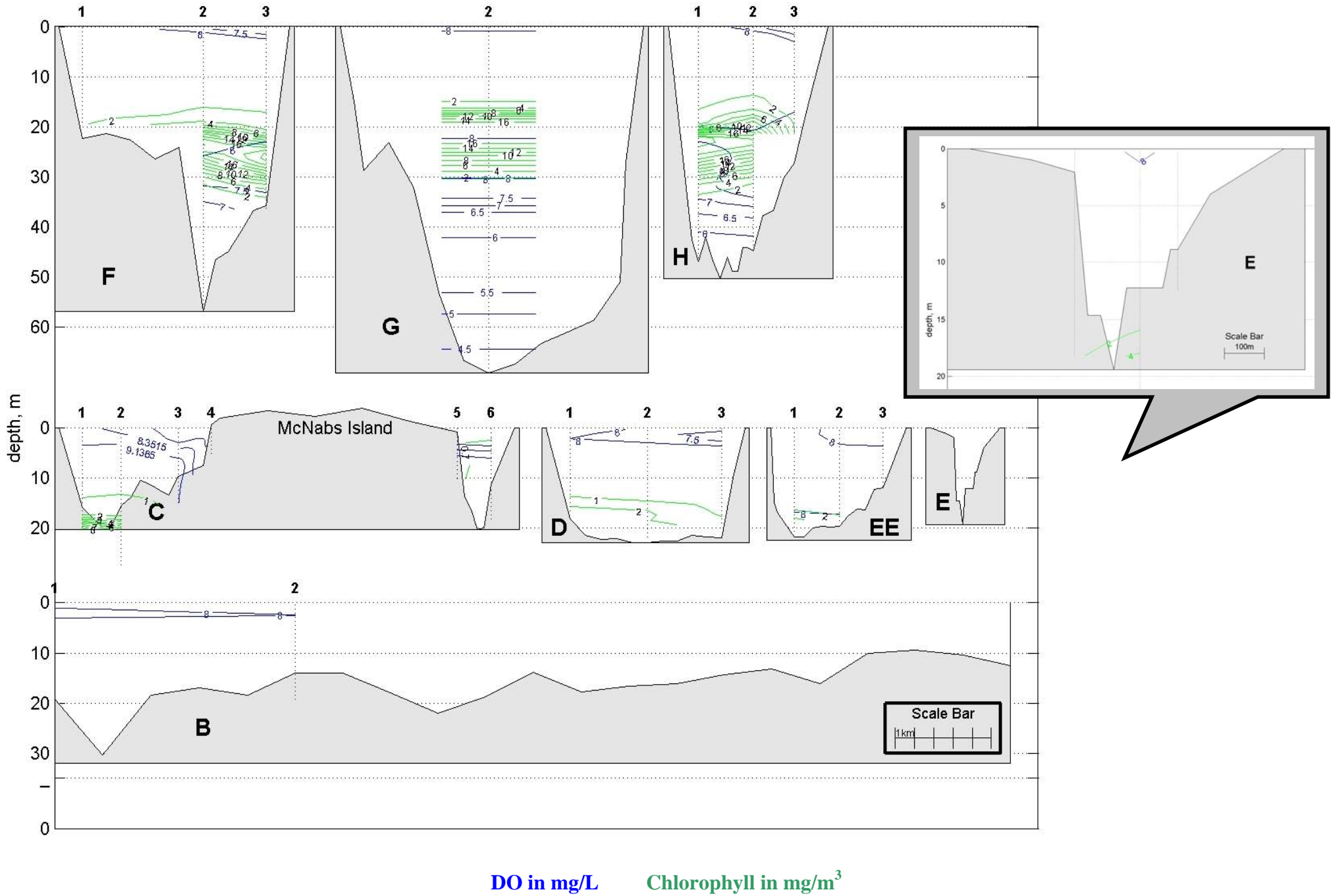
**Density in kg/m<sup>3</sup>**    **Fecal coliform:** above swimming limit (200 cfu/100mL)  
 above shellfish limit (14 cfu/100mL)  
 below limits

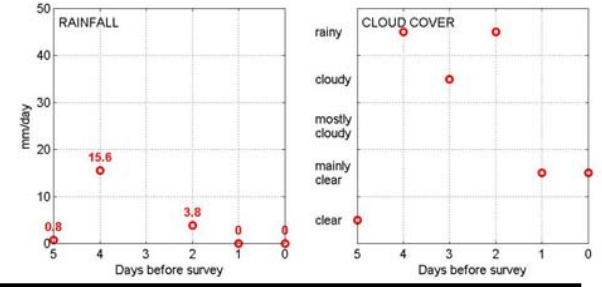
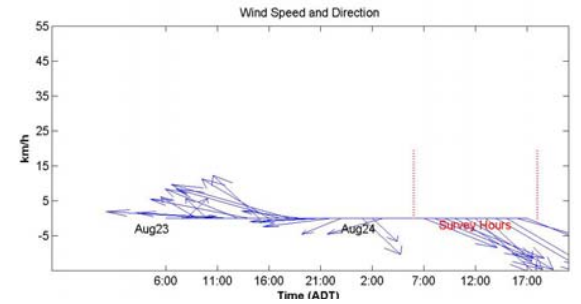
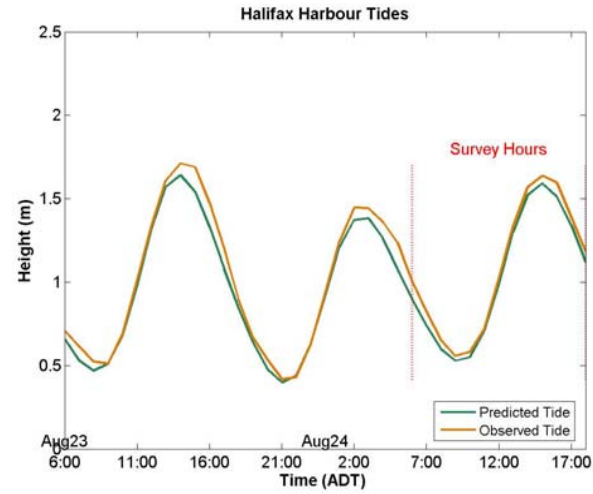
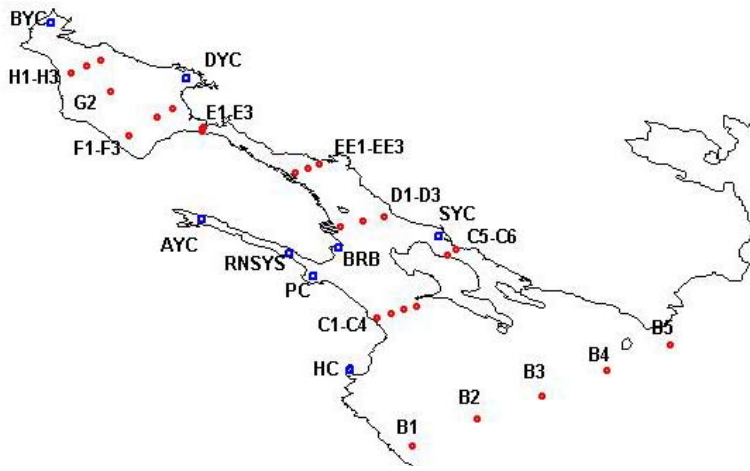


**Yacht Clubs**

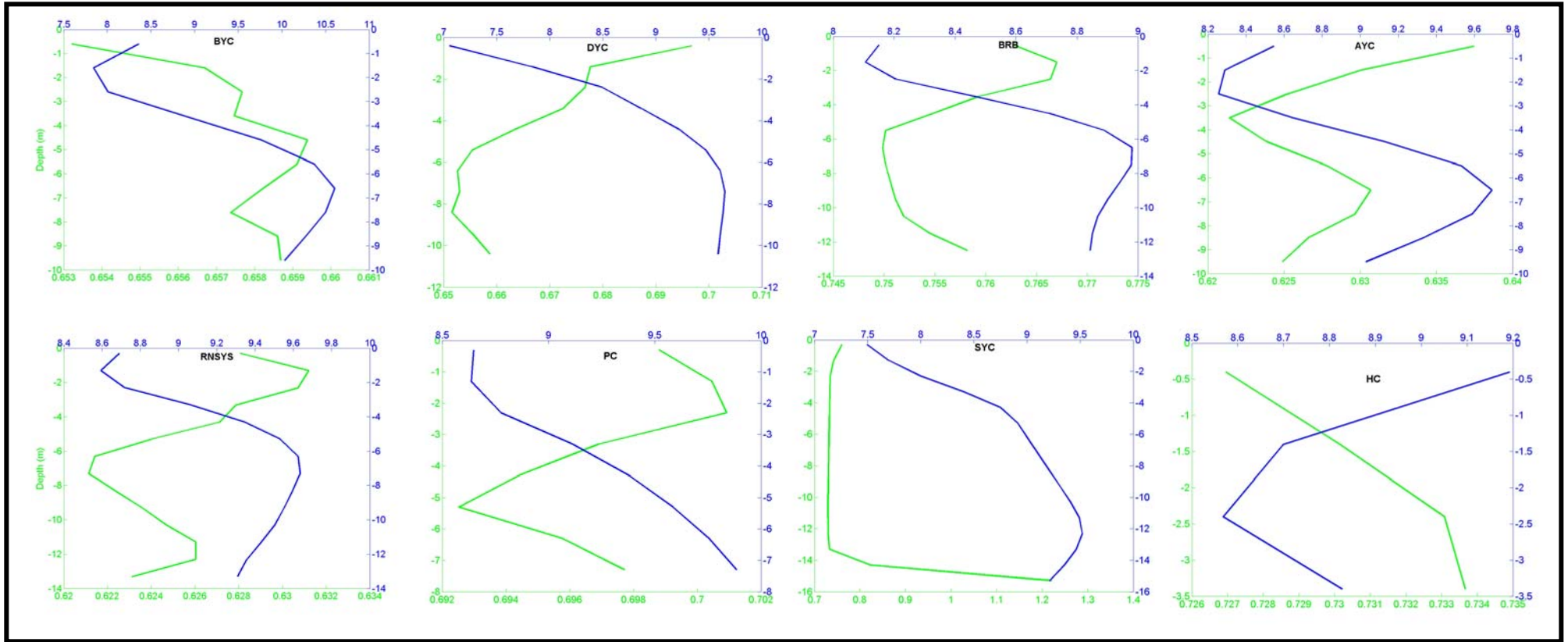


**Density in kg/m<sup>3</sup>**      **Fecal coliform: above swimming limit (200 cfu/100mL)**  
**above shellfish limit (14 cfu/100mL)**  
**below limits**





**Yacht Clubs**



DO in mg/L

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