

## Halifax Harbour Water Quality Monitoring Project Weekly Summary #14

**Survey Date:** 22 Sep 04  
**Nature of Survey:** Coliform Survey  
**Report File (this document):** HHWQMP\_report014\_0409122.doc  
**Data File:** HHWQMP\_data014\_040922.xls

**Data Return:**

Profile: 113%  
 Bacteria: 100%  
 Chemical: na  
**Overall: 108%**

**Data Notes:**

CTD Profiles taken at all B section stations

**QA/QC samples:**

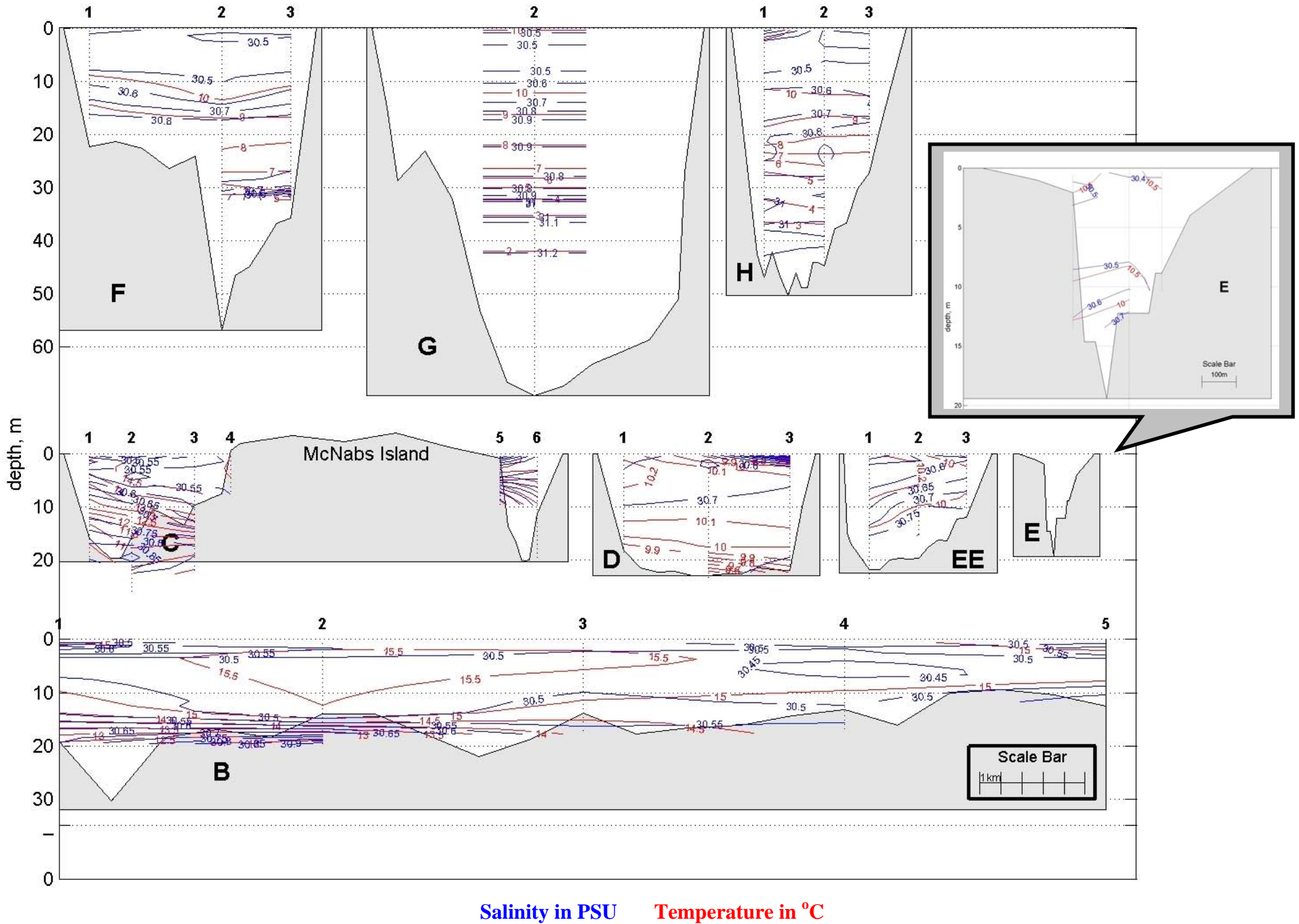
**Fecal Coliform (CFU/ml)**

Site	F3-10m	DYC-1m	BYC-10m	G2-1m	EE1-1m	C6-1m
Reference	1	0	0	0	20	1
QA/QC	1	0	0	0	14	1

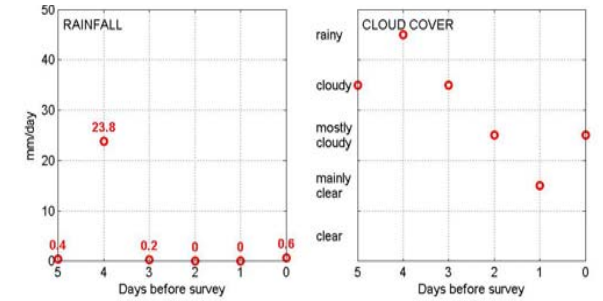
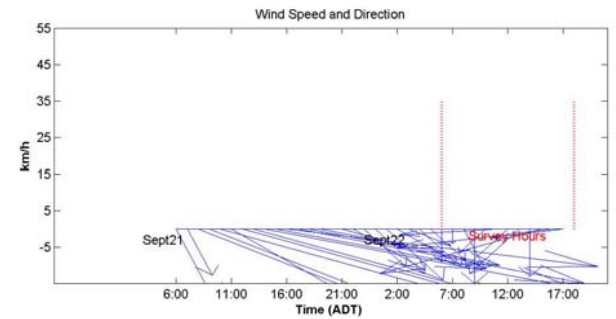
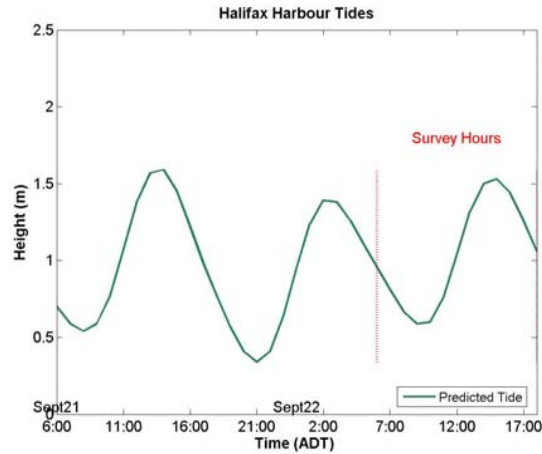
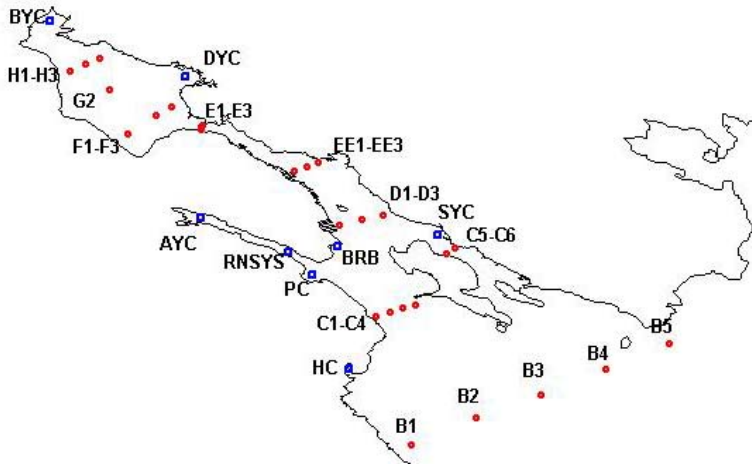
**Comments:**

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 remains low in the bottom of Bedford Basin with a minimum value at 70m of approximately 3 mg/l.

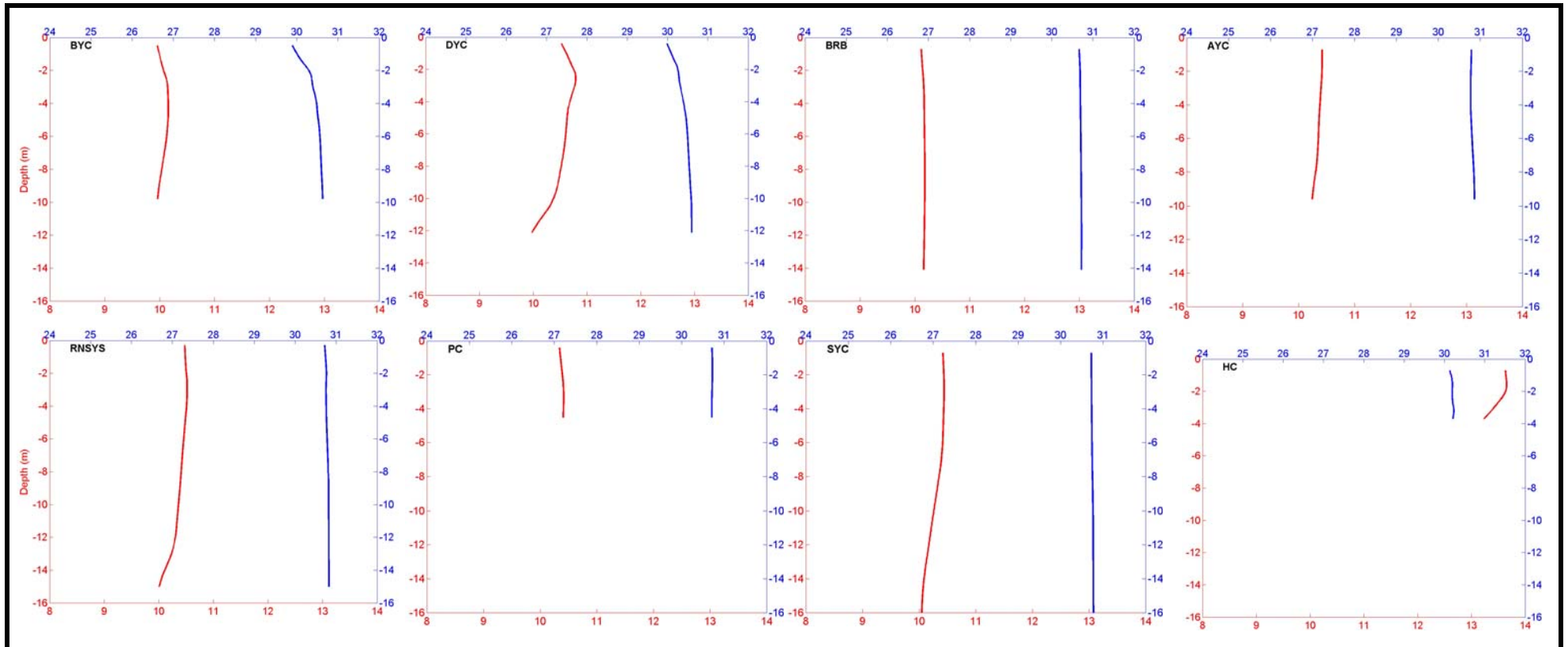
Chlorophyll: Surface values are slightly less than 1 mg/m<sup>3</sup>. There is generally a maximum on the order of 10 mg/m<sup>3</sup> near bottom (> 10 m water depth) or between 20-30 m in the Basin.



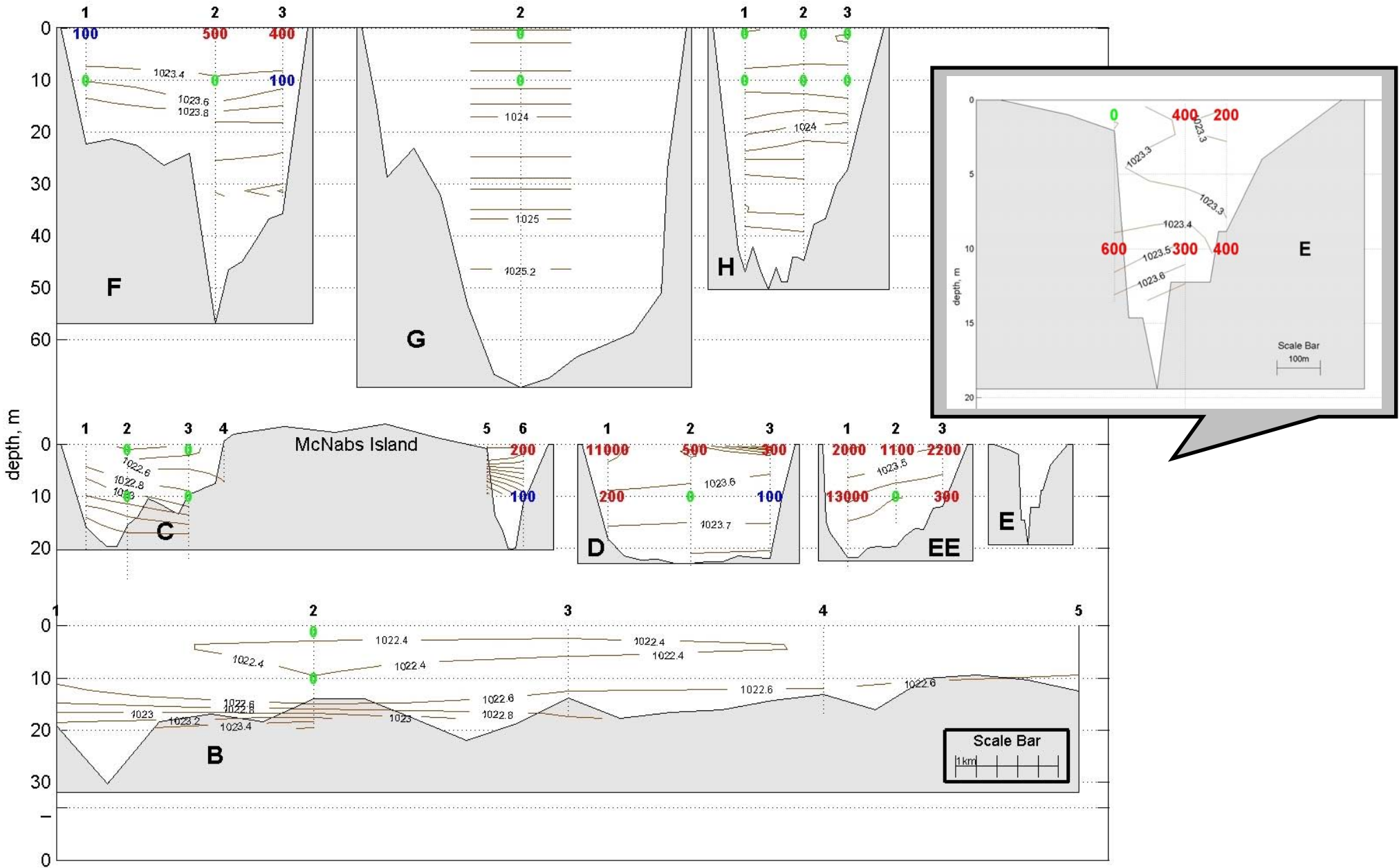
Salinity in PSU    Temperature in °C

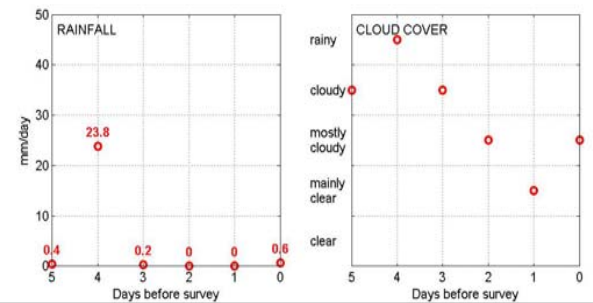
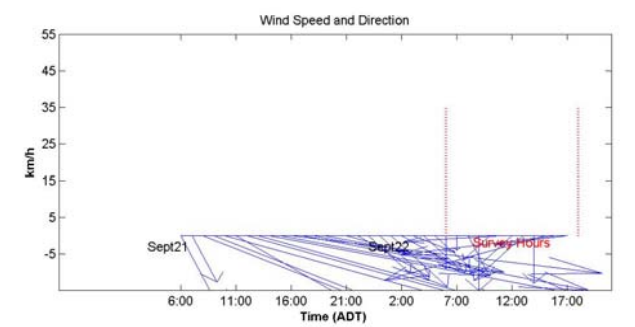
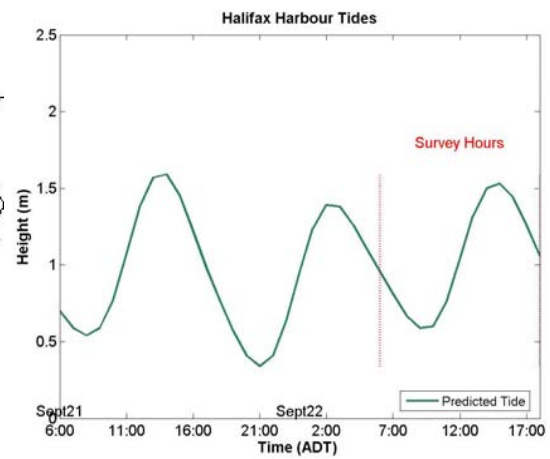
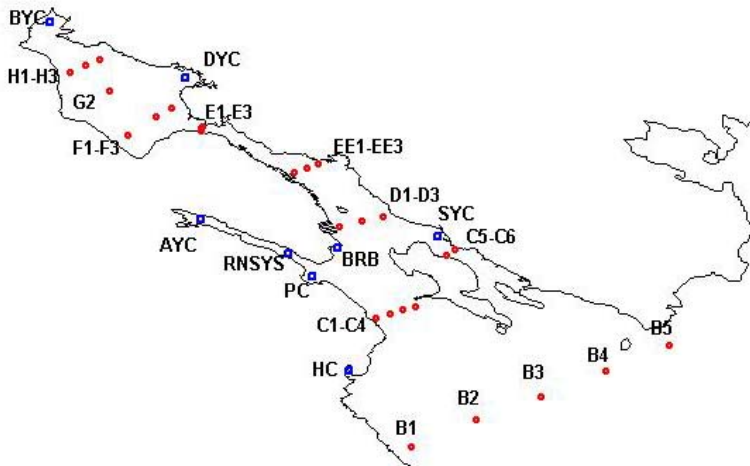


### Yacht Clubs

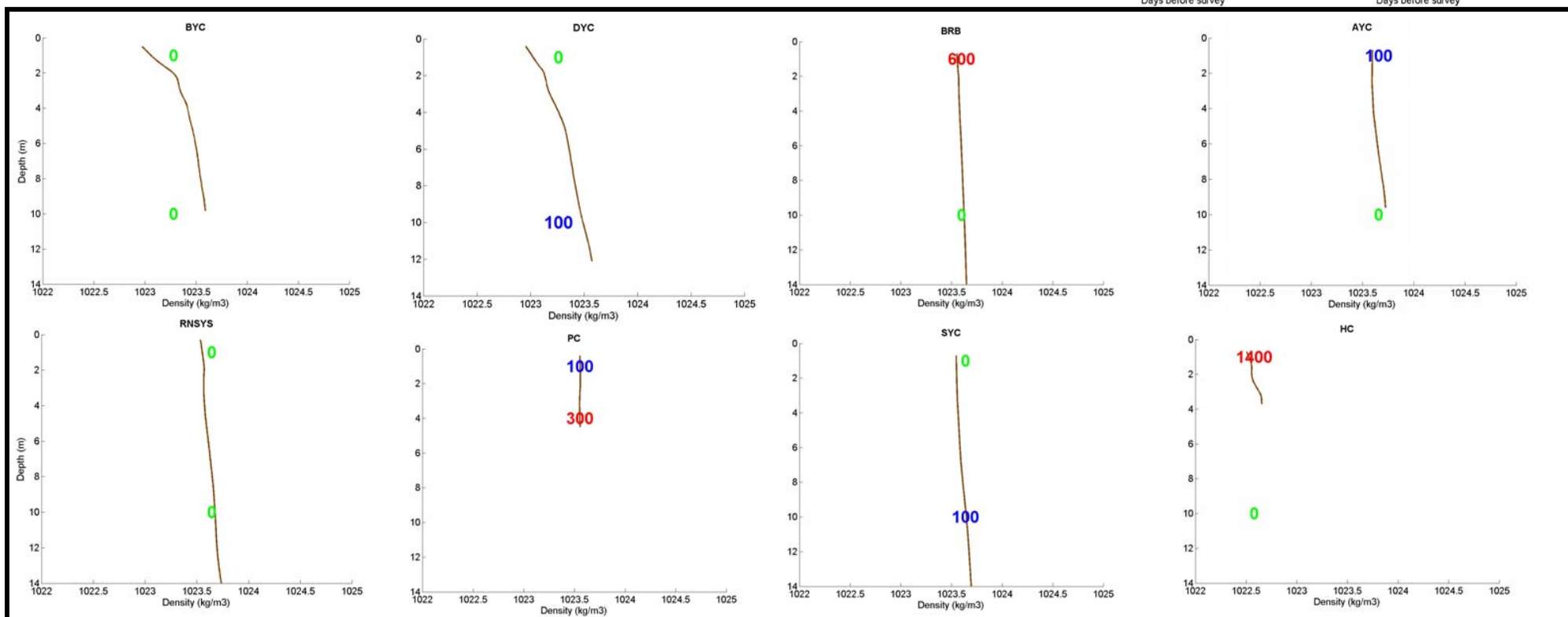


Salinity in PSU      Temperature in °C

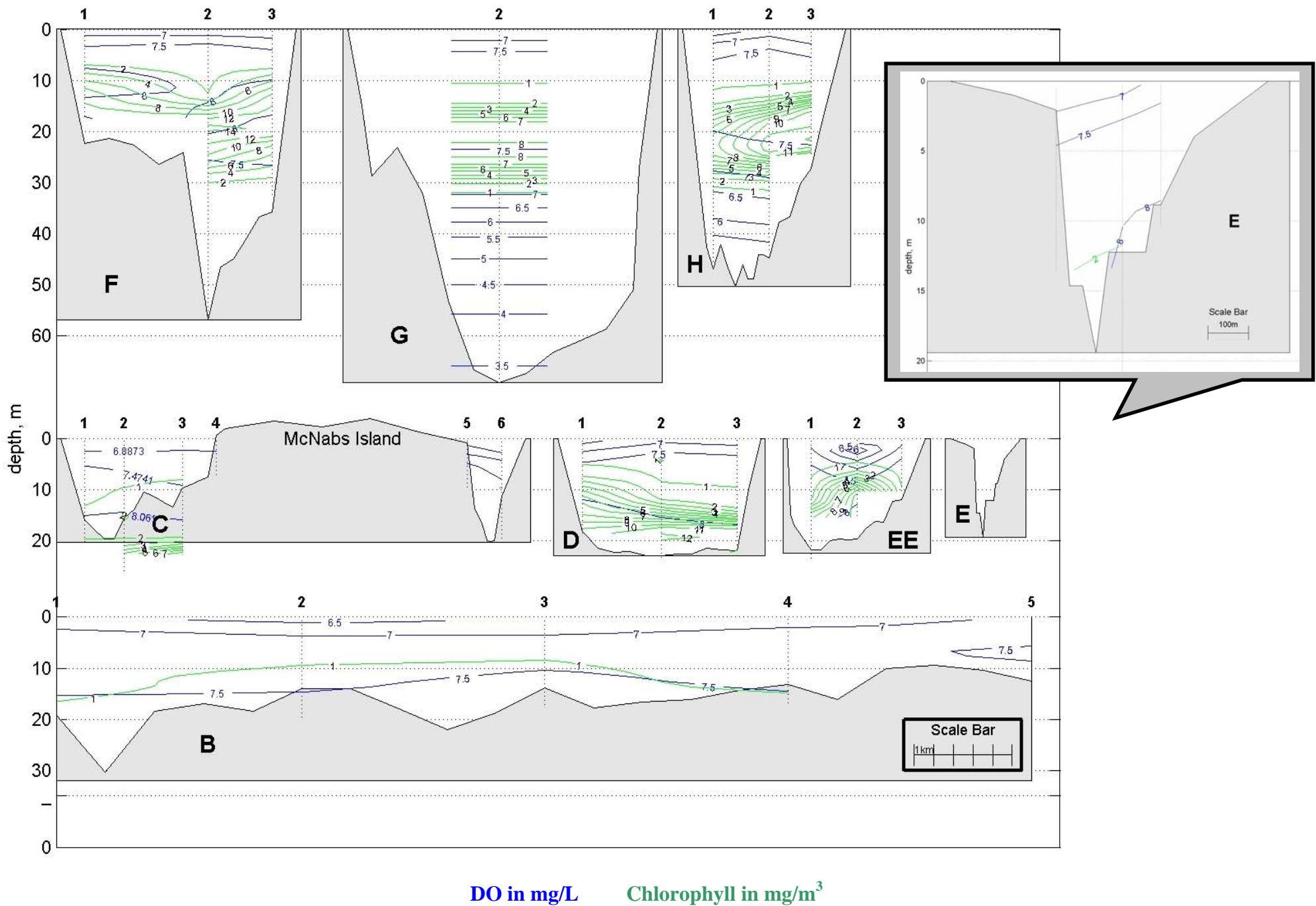




**Yacht Clubs**

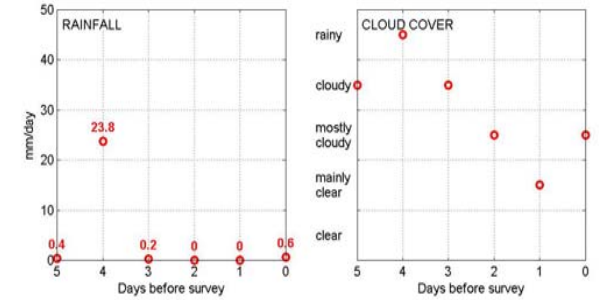
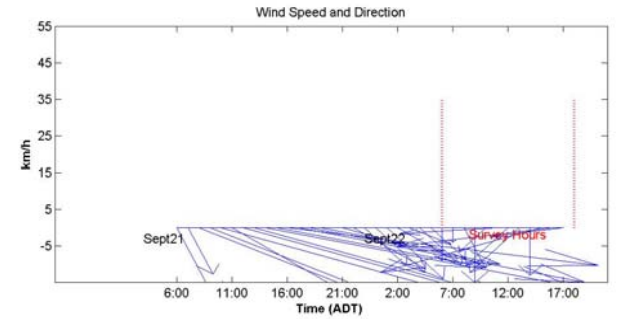
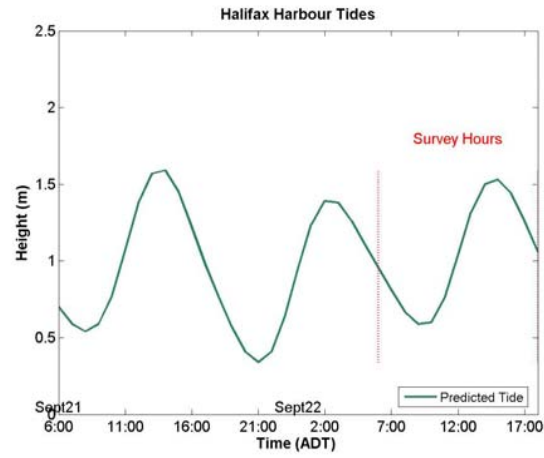
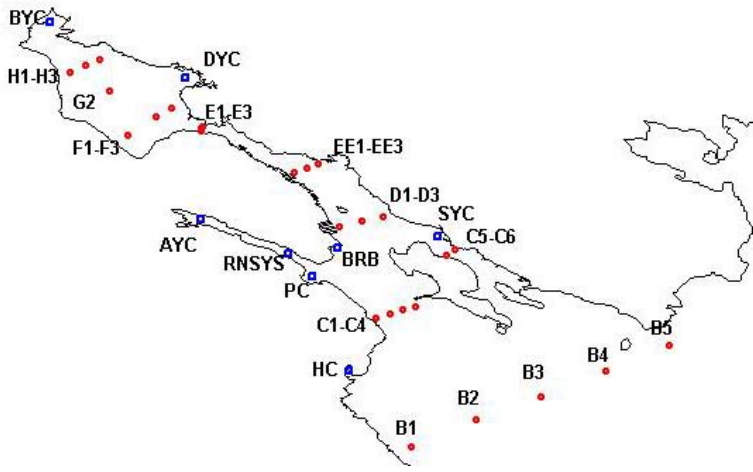


**Density in kg/m<sup>3</sup>**      **Fecal coliform: above swimming limit (200 cfu/100mL)**  
**above shellfish limit (14 cfu/100mL)**  
 below limits

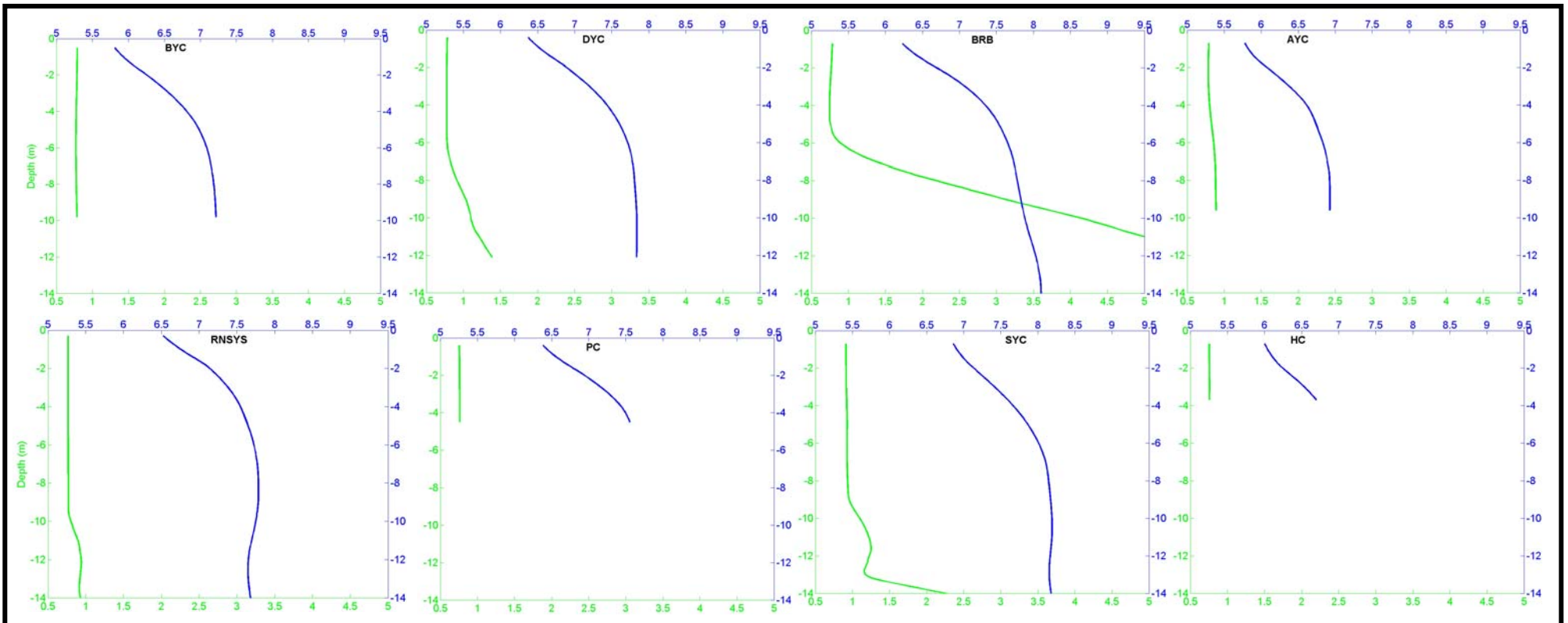


DO in mg/L

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



### Yacht Clubs



DO in mg/L

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