

Halifax Harbour Water Quality Monitoring Project Weekly Summary #4

Survey Date: 015 July 04
Nature of Survey: Coliform Survey
Report File (this document): HHWQMP_report004_2004_07_15
Data File: HHWQMP_data004_2004_07_15

Data Return:

Profile: 97%
 Bacteria: 100%
 Chemical: na
Overall: 98%

Data Notes:

Purcell Cove profile data missing. Operator error.

Dissolved Oxygen profiles and Chlorophyll-a profiles were collected, but are not displayed graphically. This data however is included in the data file, and is summarized below

QA/QC samples:

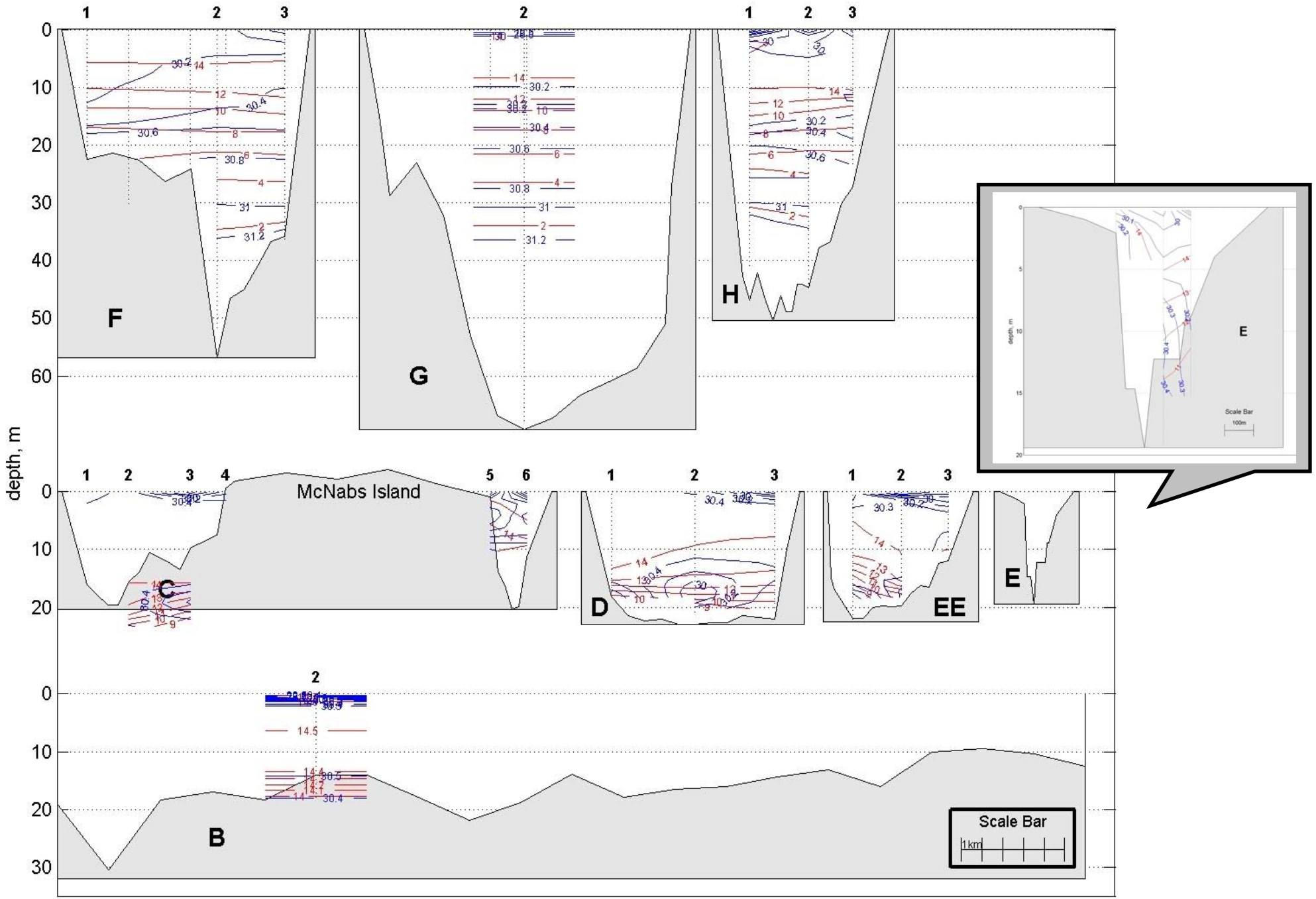
Fecal Coliform (CFU/ml)

Site	DYC-10m	C3-1m		F1-1m
Reference	0	0		0
QA/QC	1	1	0	1

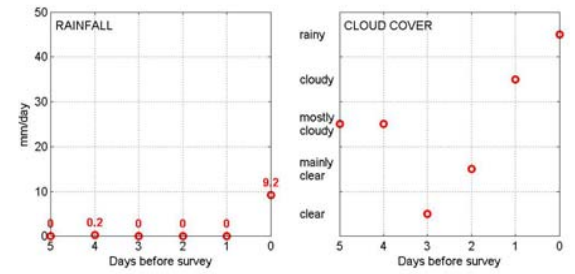
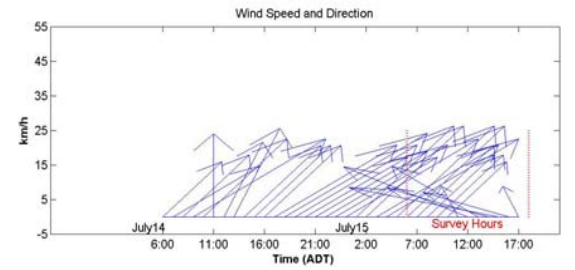
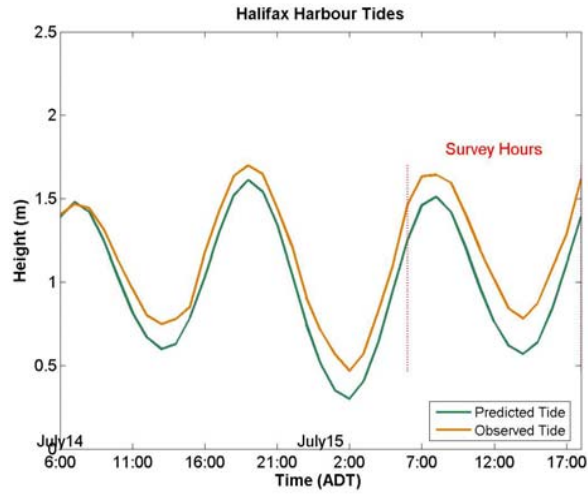
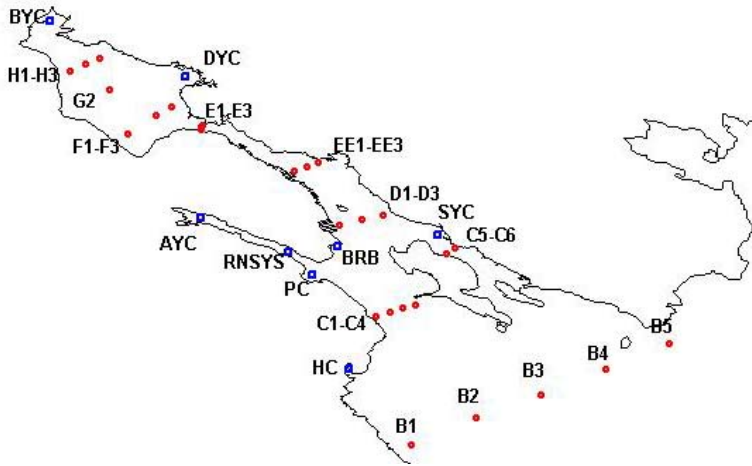
Comments:

Chlorophyll-a: Values varied between 0.3 and 51.9 µg/L. The highest value was at AYC. Relatively high values (profile averaged values of 12-22 µg/L, maximum values 16-30 µg/L) occurred in the inner harbour, between sections D through E. Values at these levels continued throughout the surface waters (< 20m) of Bedford Basin. The maximum value at the reference station (B2) was 2.2 µg/L.

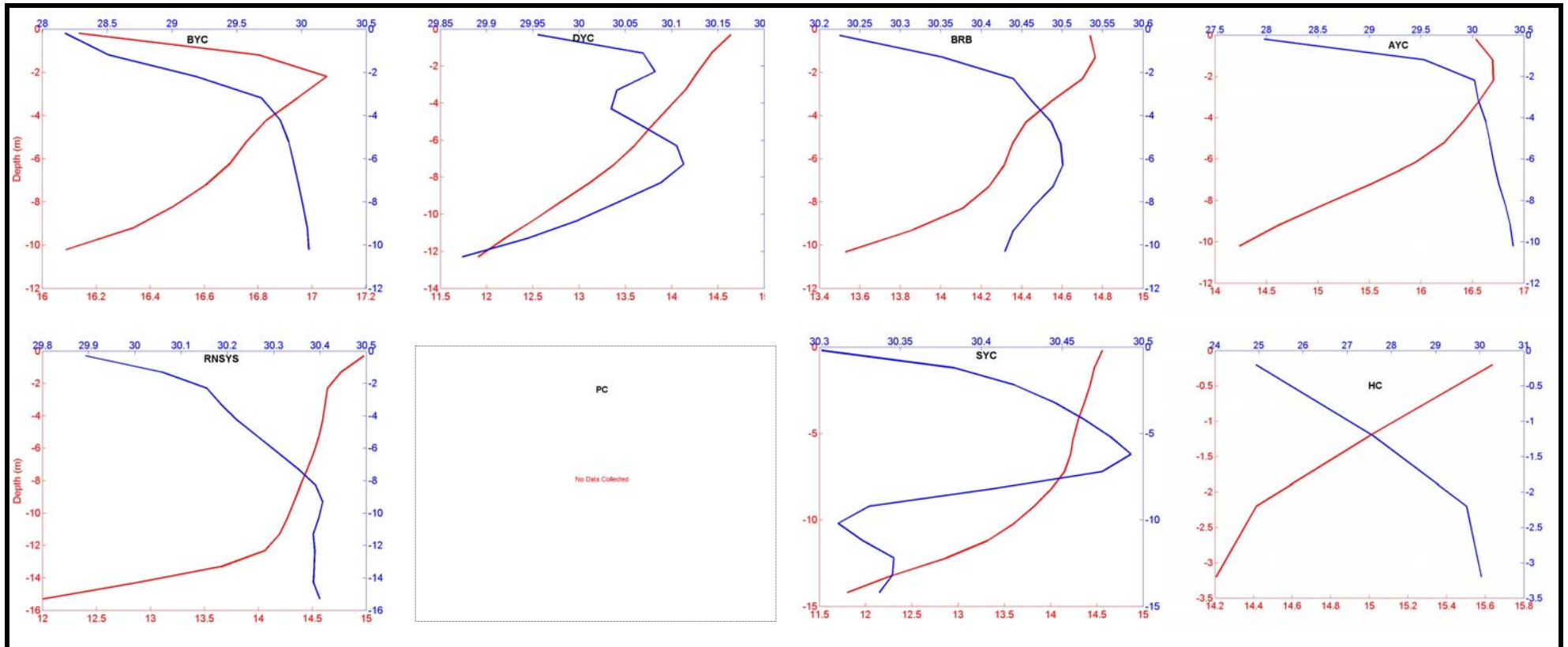
Dissolved Oxygen: The use specific DO criteria was violated only in the deep waters of Bedford Basin (G2, minimum 6.4, profile average 8.1 mg/l). This site is class SB, which has a DO limit of 7.0 mg/L.

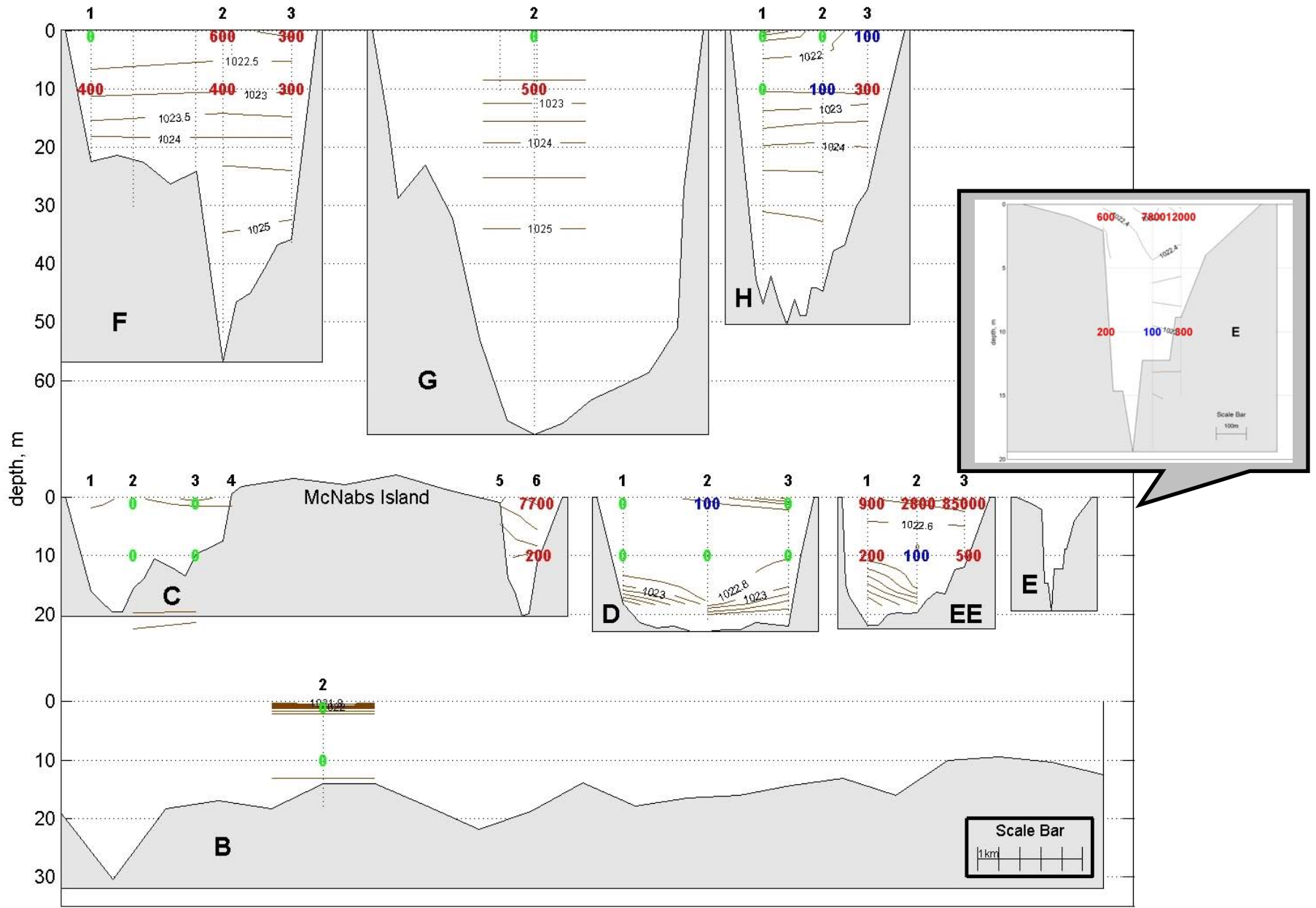


Salinity in PSU Temperature in °C

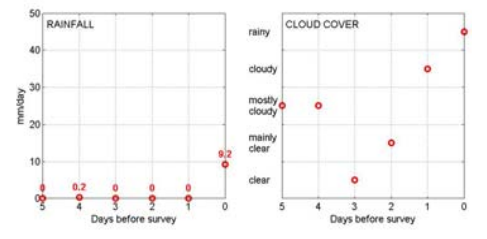
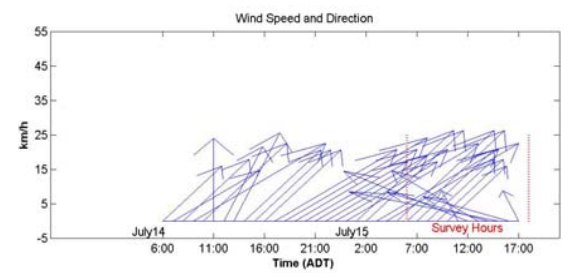
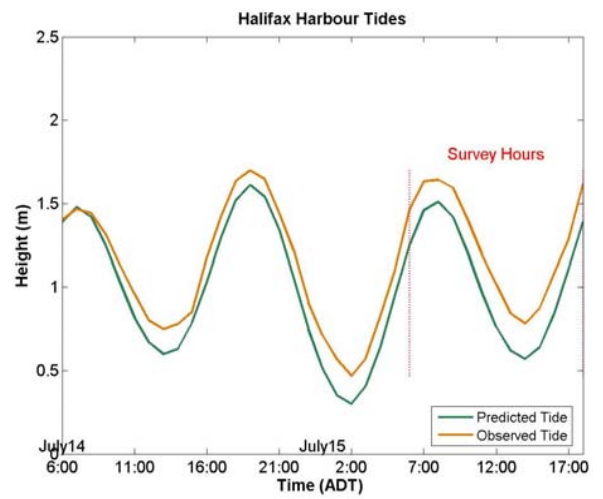
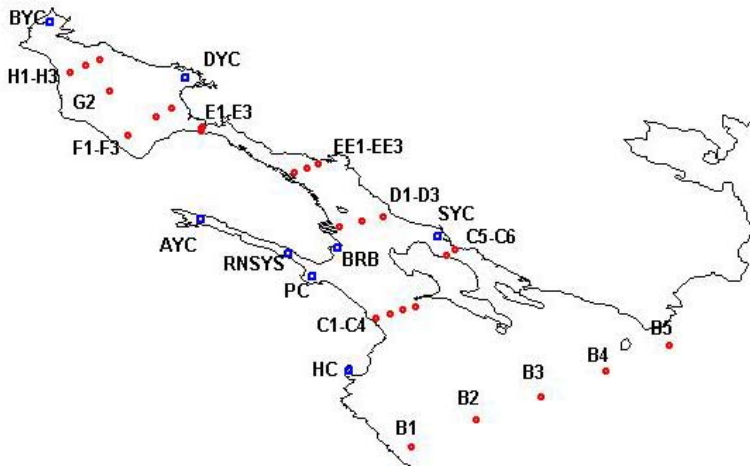


Yacht Clubs





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



Yacht Clubs

