

Halifax Harbour Water Quality Monitoring Project Weekly Summary #20

Survey Date: 3 Nov 04
Nature of Survey: Coliform Survey
Report File (this document): HHWQMP_report020_041103.doc
Data File: HHWQMP_data020_041103.xls

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

Sample Notes:

QA/QC samples:

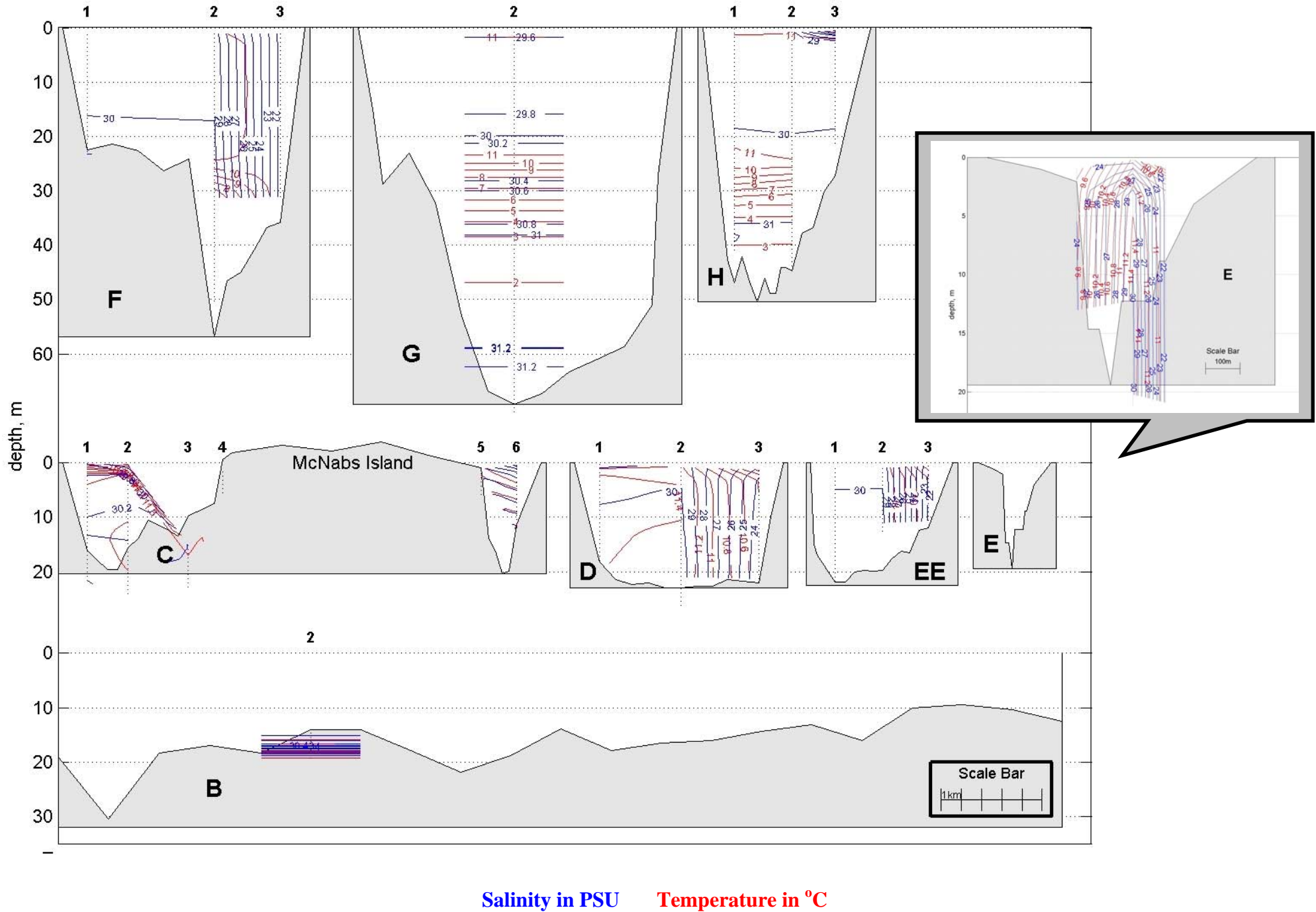
Fecal Coliform (CFU/100ml)

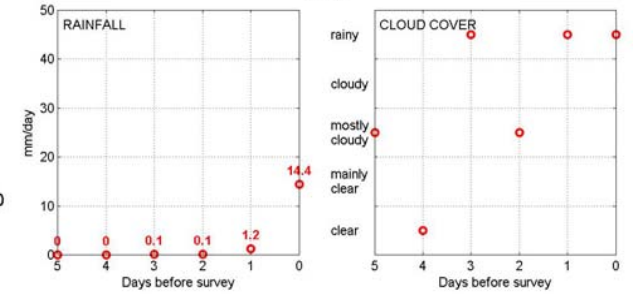
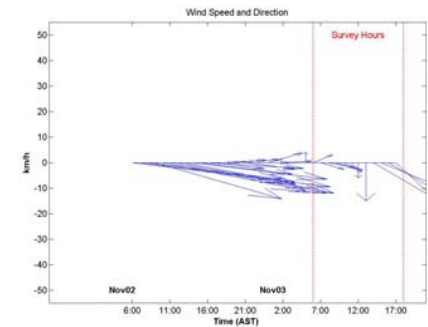
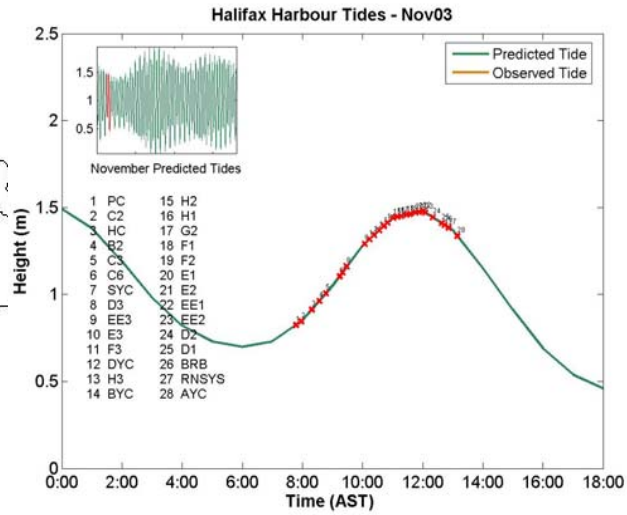
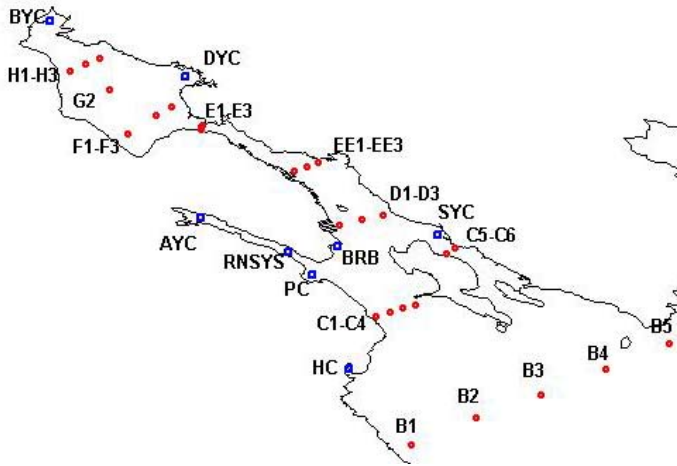
Site	B2-1m	C6-10m	D3-1m	D1-1m	EE3-1m	D2-10m
Reference	7	35	120	>10000	>10000	400
QA/QC	2	110	1100	>10000	>10000	200

Comments:

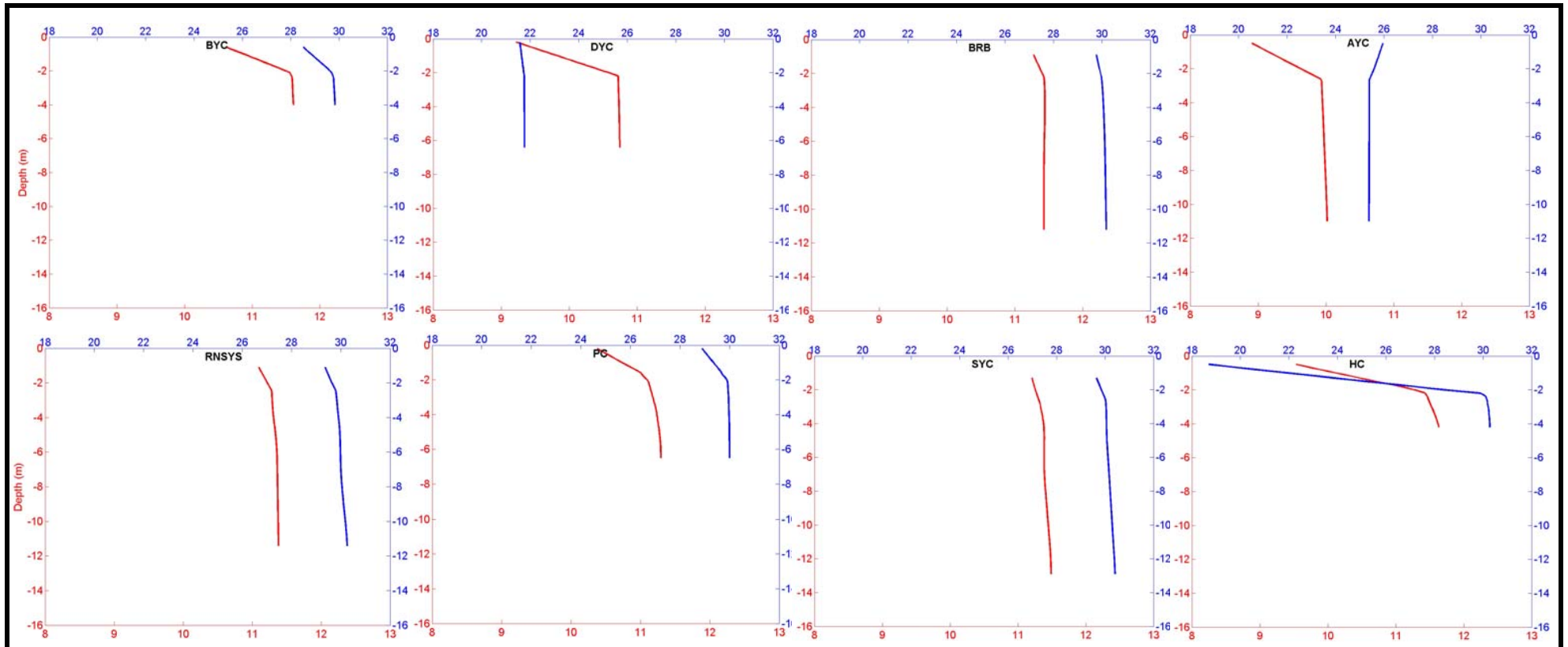
There were CTD instrument problems at sites D3, EE3, E3, F3, DYC, H3. Potential clogging of flow circuit tubing, resolved itself at station H3. E1, AYC also experienced problems. DO data at station C2 below 16 m bad.

Dissolved Oxygen: The apparent lower oxygen values at the near surface, prevalent in previous surveys are no longer there. As discussed elsewhere these appear to have been caused by flow problems in the sensor, which have been resolved in consultation with the instrument manufacturer, as of this week. The dissolved oxygen continues to drop (2.1 mg/L) in the bottom waters of Bedford Basin. The only other criteria violation is the SB criteria (7 mg/l) violated in the bottom water (7m) of the BYC station (approx. 6.9 mg/l).

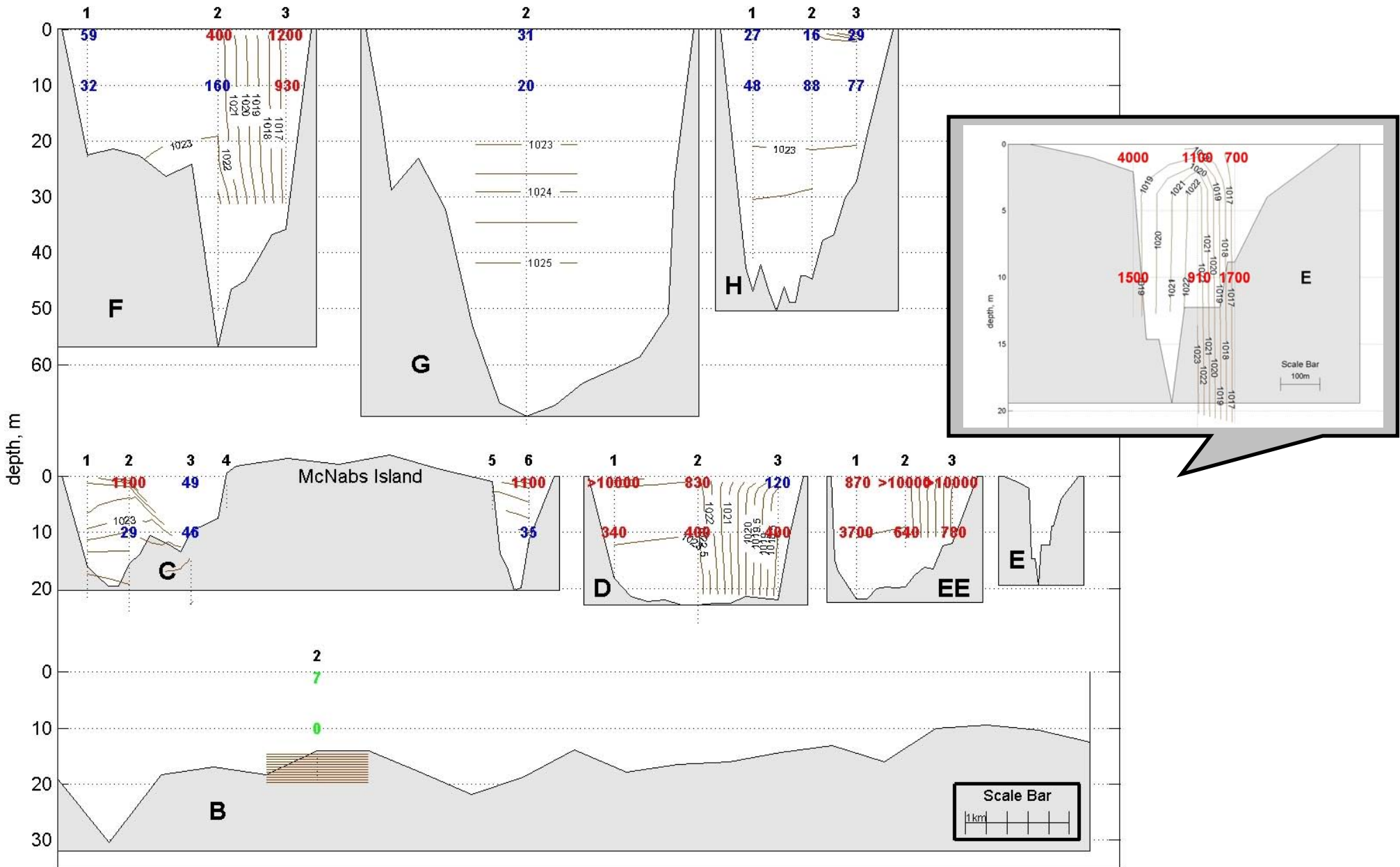




Yacht Clubs

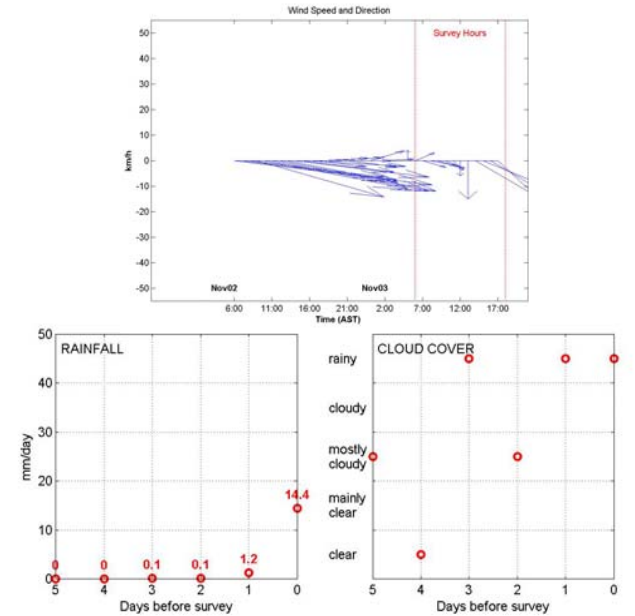
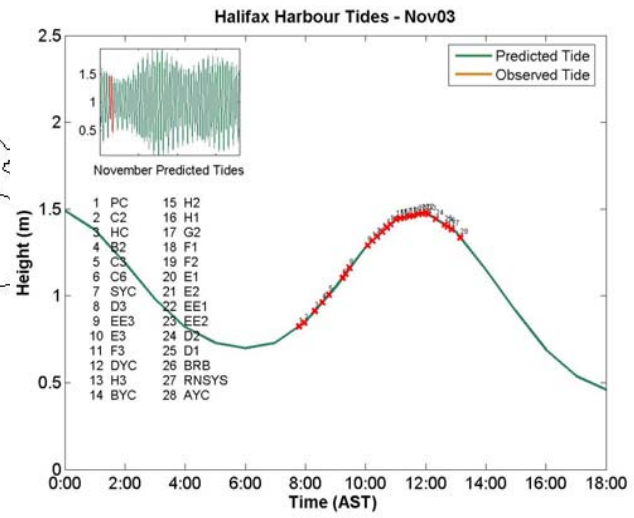
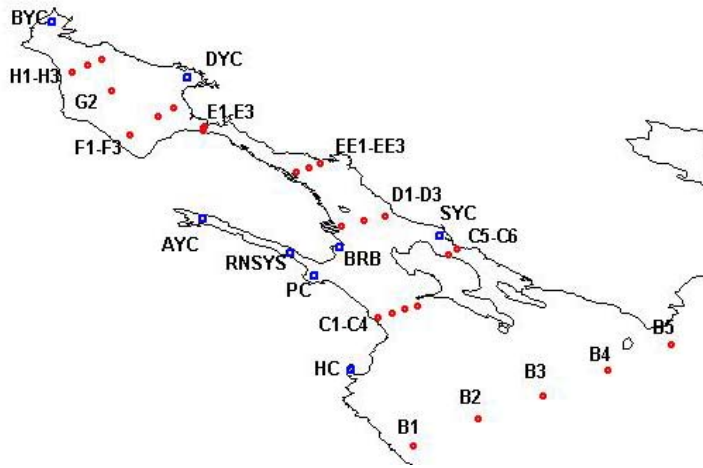


Salinity in PSU Temperature in °C

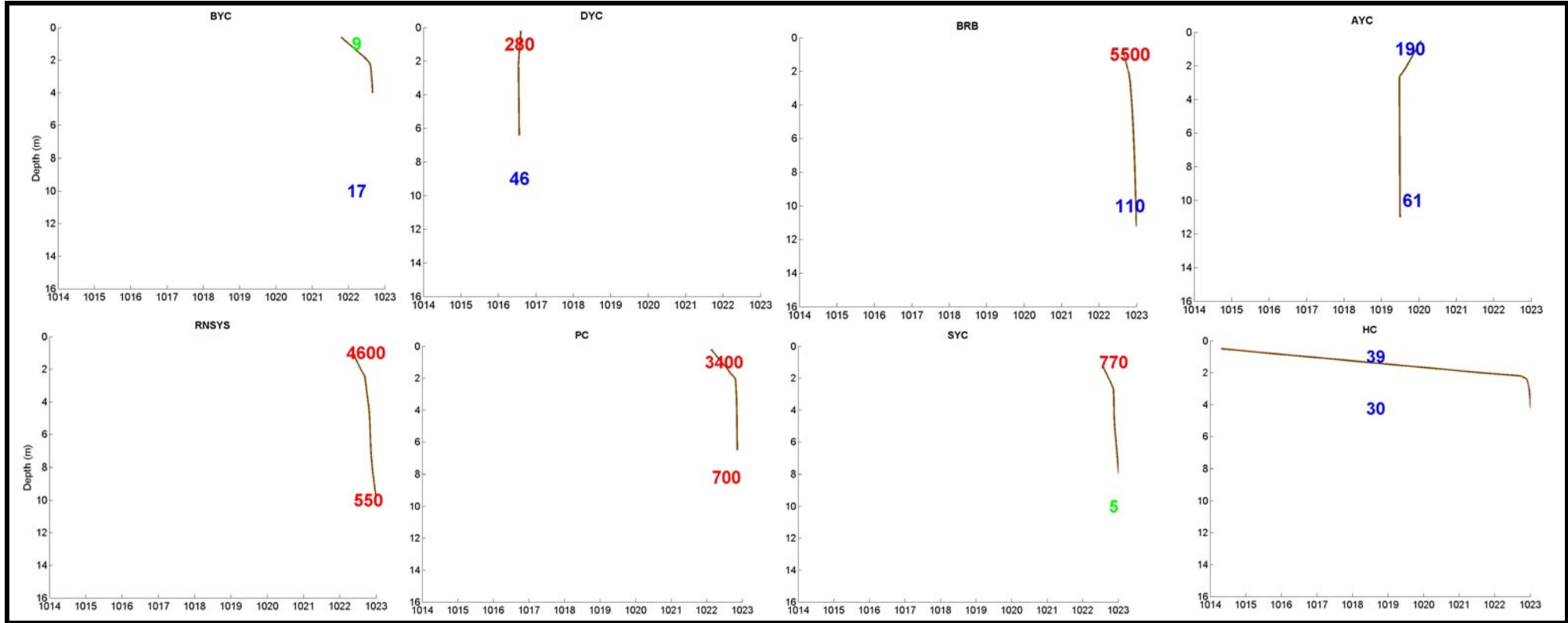


Density in kg/m^3

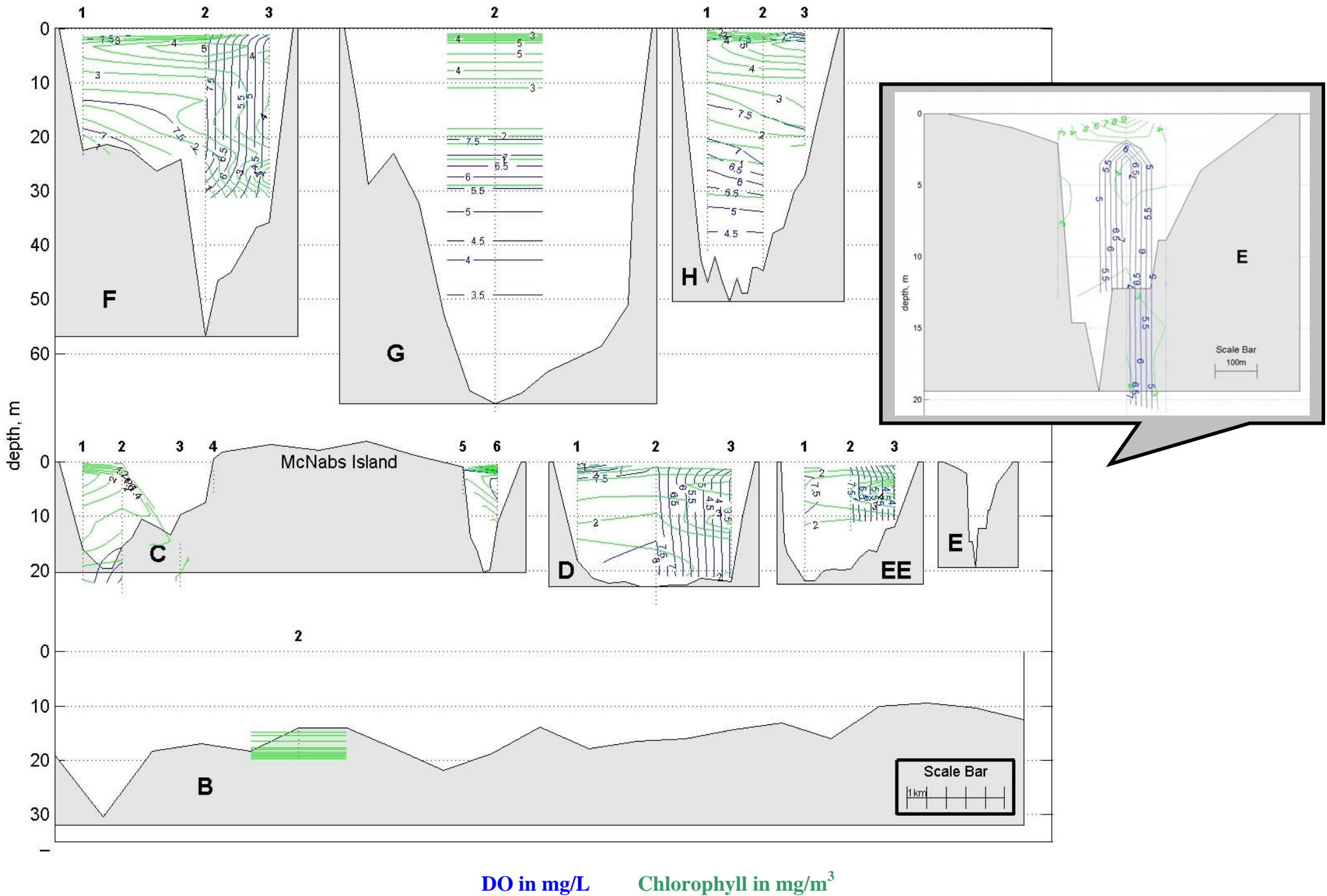
Fecal coliform: **above swimming limit (200 cfu/100mL)**
above shellfish limit (14 cfu/100mL)
 below limits

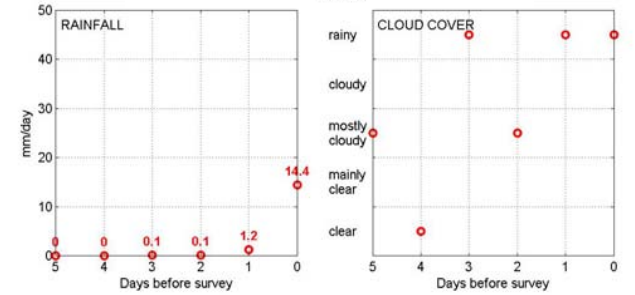
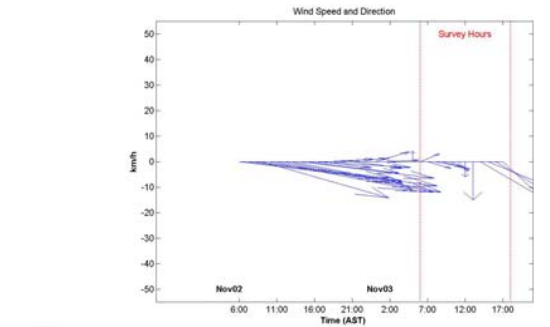
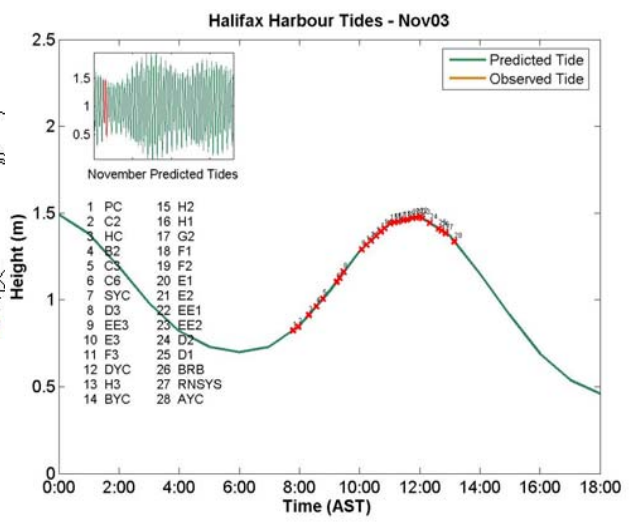
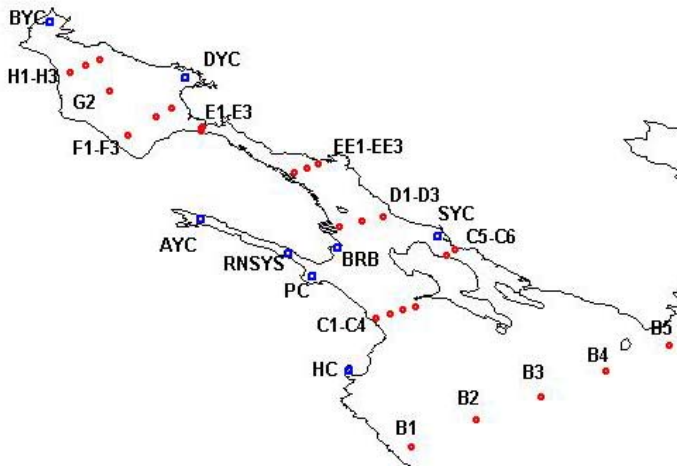


Yacht Clubs

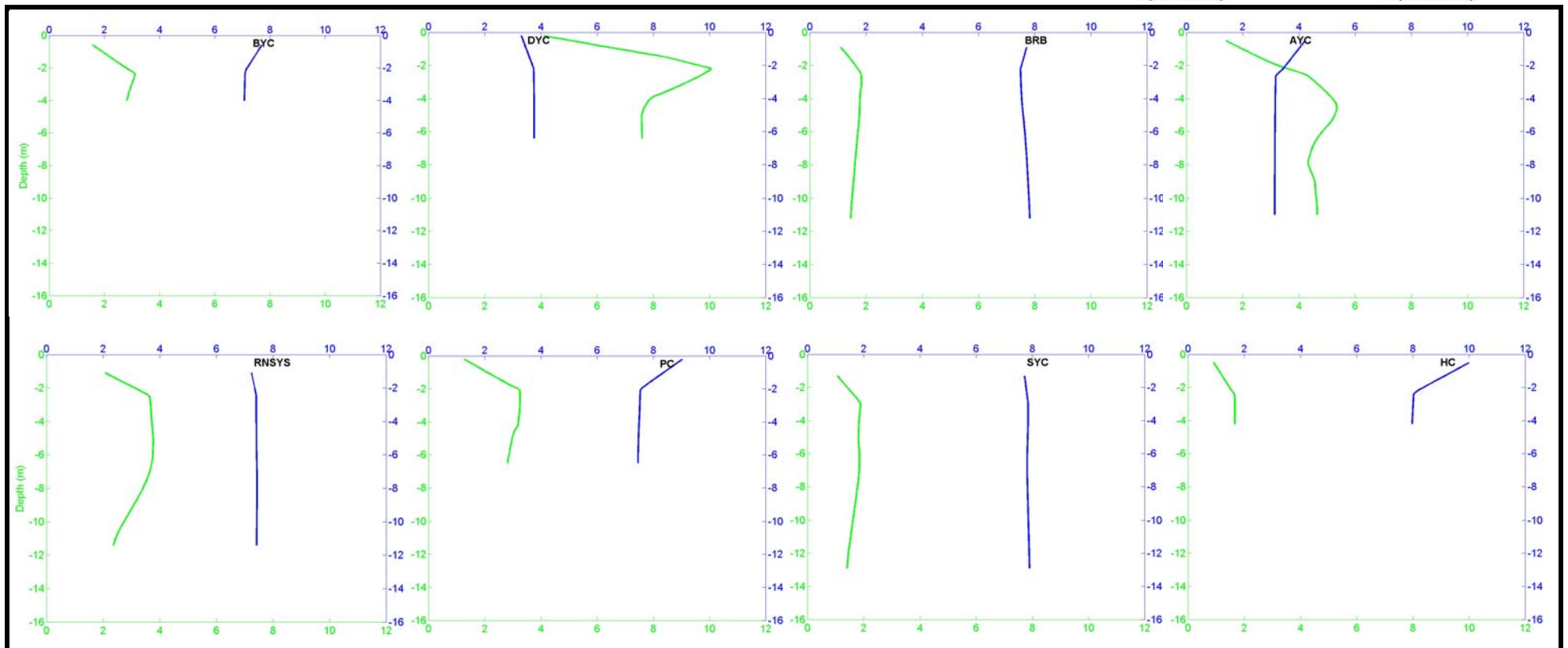


Density in kg/m³ **Fecal coliform:** above swimming limit (200 cfu/100mL)
 above shellfish limit (14 cfu/100mL)
 below limits





Yacht Clubs



DO in mg/L

Chlorophyll in mg/m³