

Halifax Harbour Water Quality Monitoring Project Weekly Summary #30

Survey Date: 12 Jan 05
Nature of Survey: Coliform Survey
Report File (this document): HHWQMP_report030_050112.doc
Data File: HHWQMP_data030_050112.xls

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

Sample Notes:

None

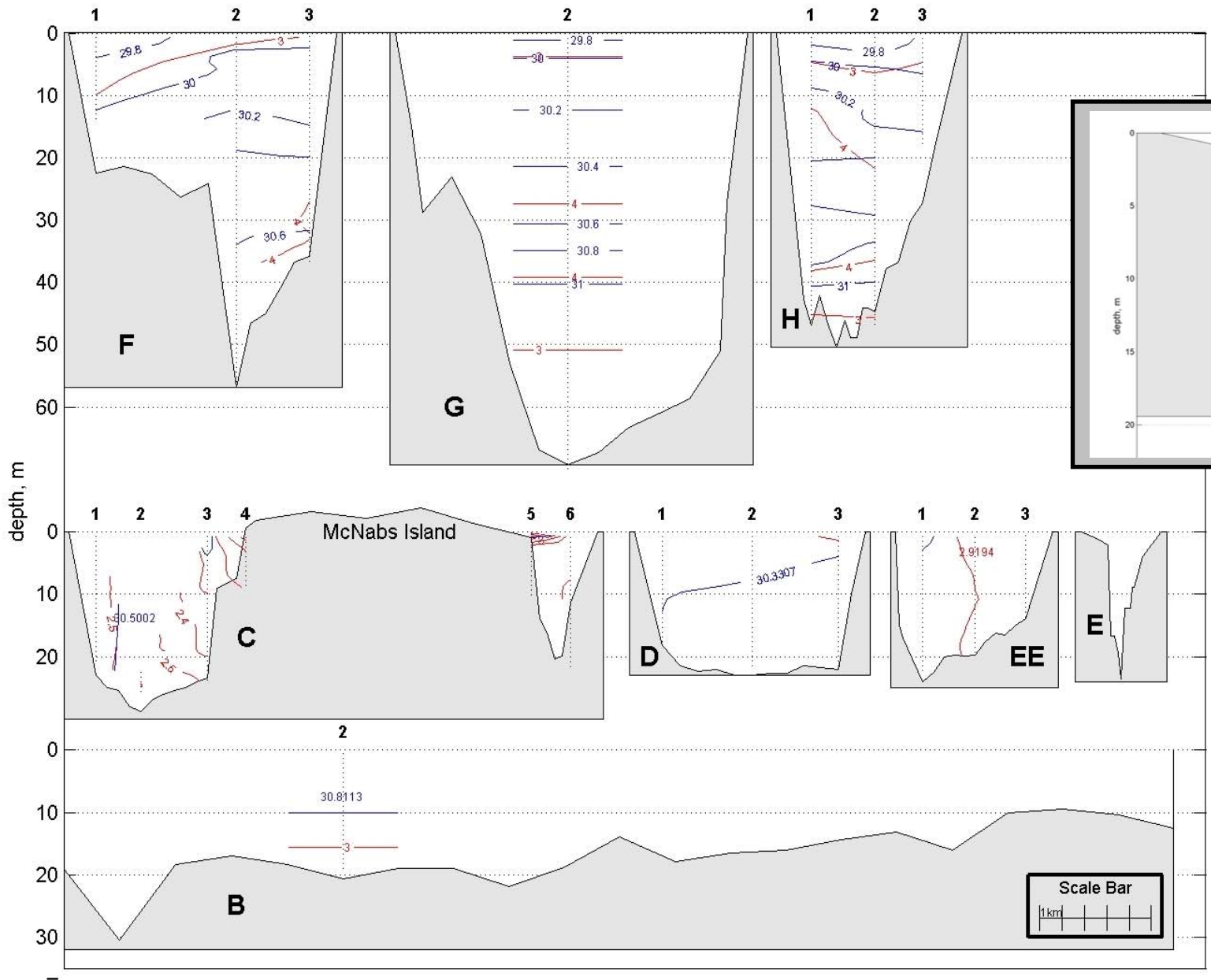
QA/QC samples:

Fecal Coliform (CFU/100ml)

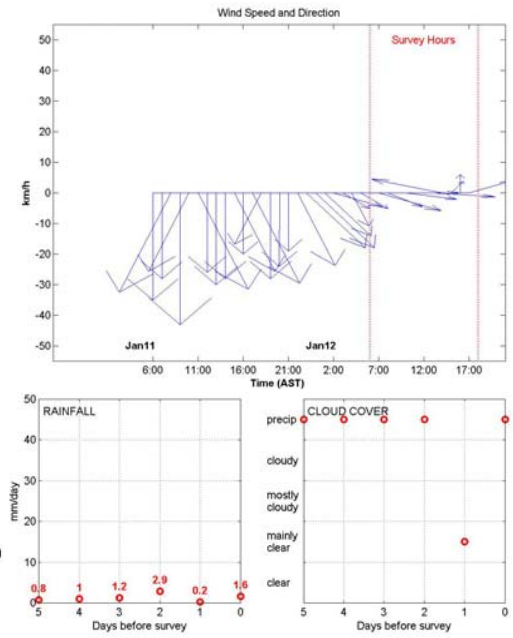
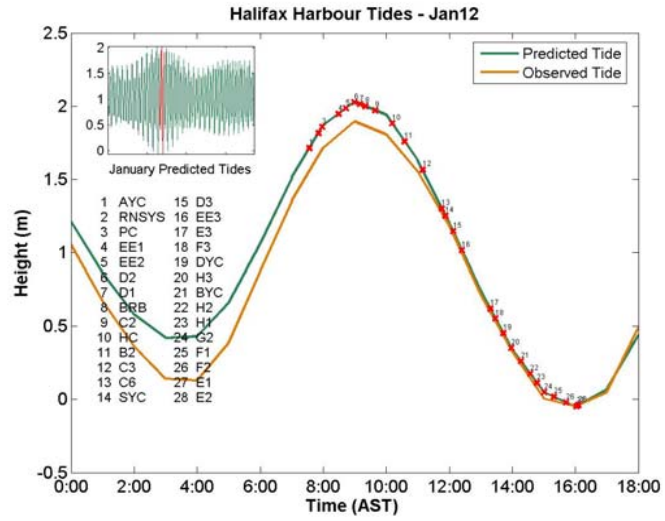
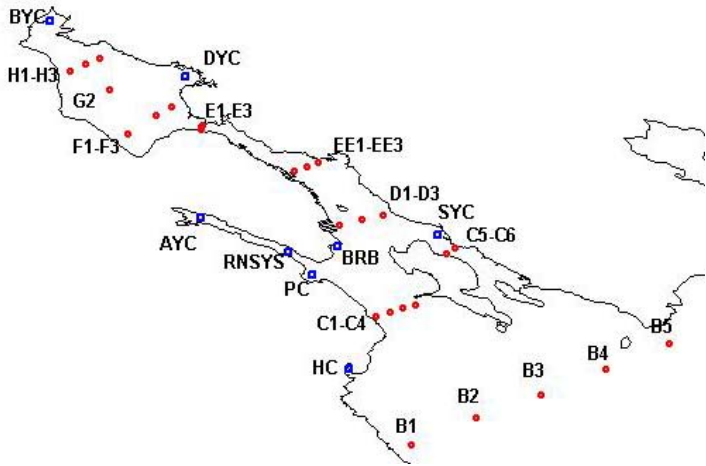
Site	C2-1m	HC-1m	C3-10m	BYC-10m	E1-1m	BYC-10m
Reference	140	4	23	36	230	36
QA/QC	21	480	470	47	51	610

Comments:

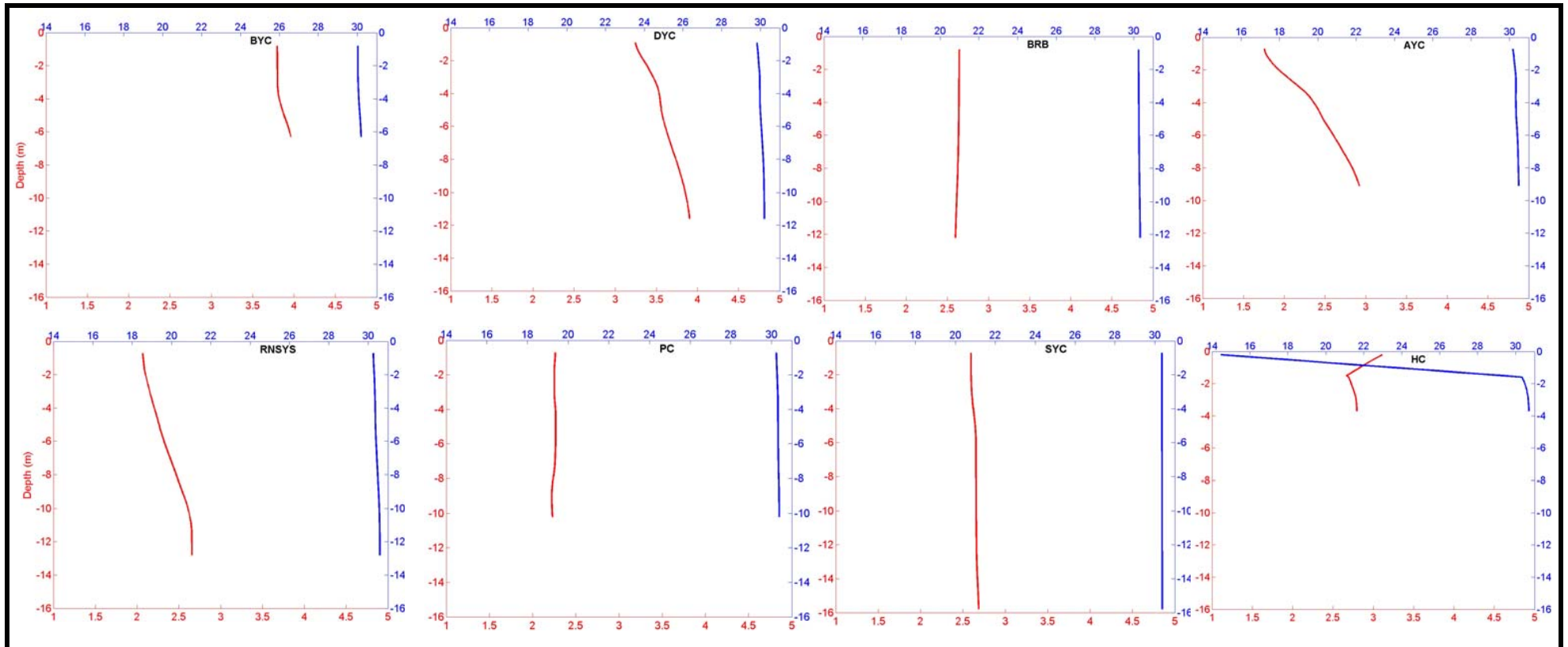
1. Dissolved Oxygen: The dissolved oxygen continues to drop in the deepest waters of Bedford Basin (0.9 mg/l). The Basin Bottom Water (>38 m) represents the only DO criteria violation in the harbour.
2. Chlorophyll: Concentrations remain low and relatively uniform with profile averaged values of less than 1.0 mg/m³.



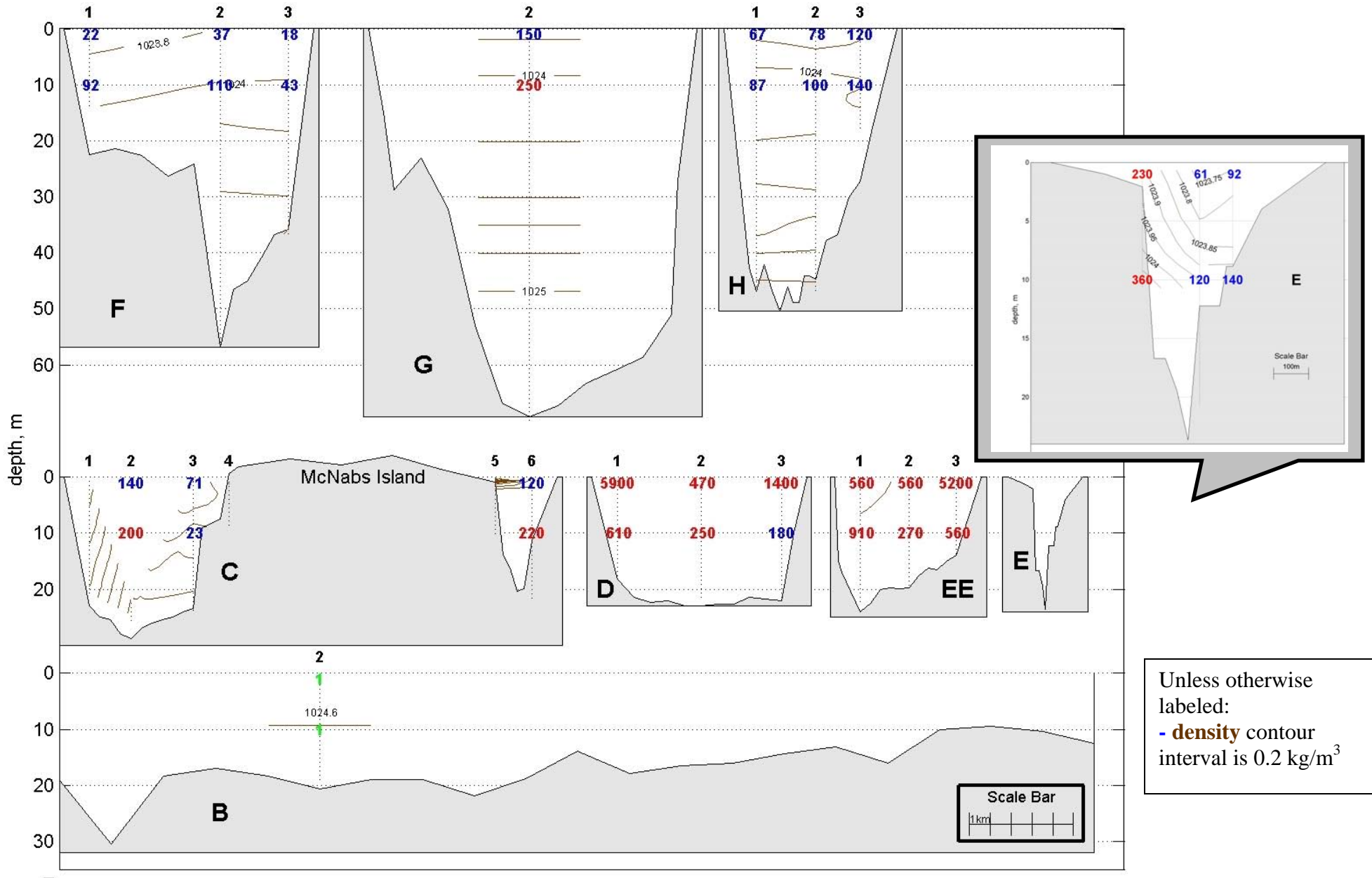
Unless otherwise labeled:
 - salinity contour interval is 0.2 PSU
 - temperature contour interval is 1°C.



Yacht Clubs

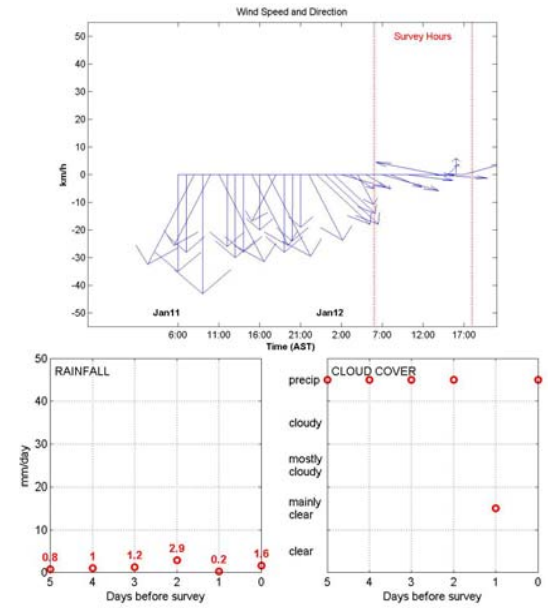
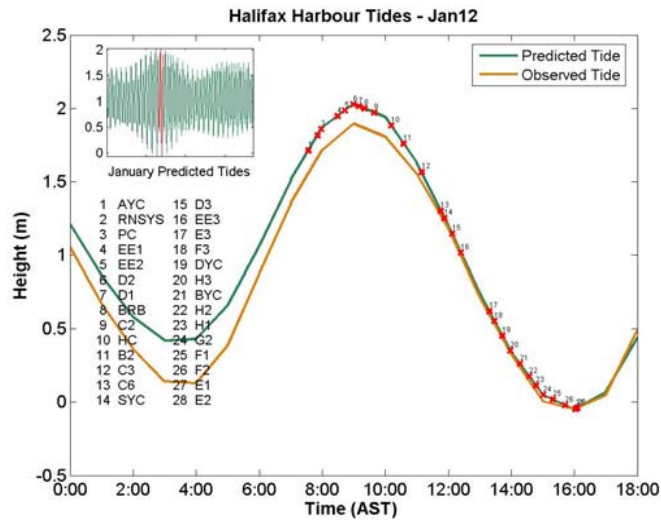
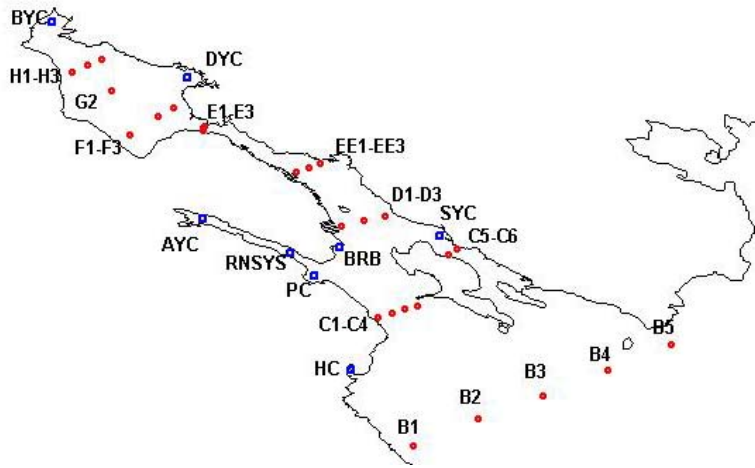


Salinity in PSU Temperature in °C

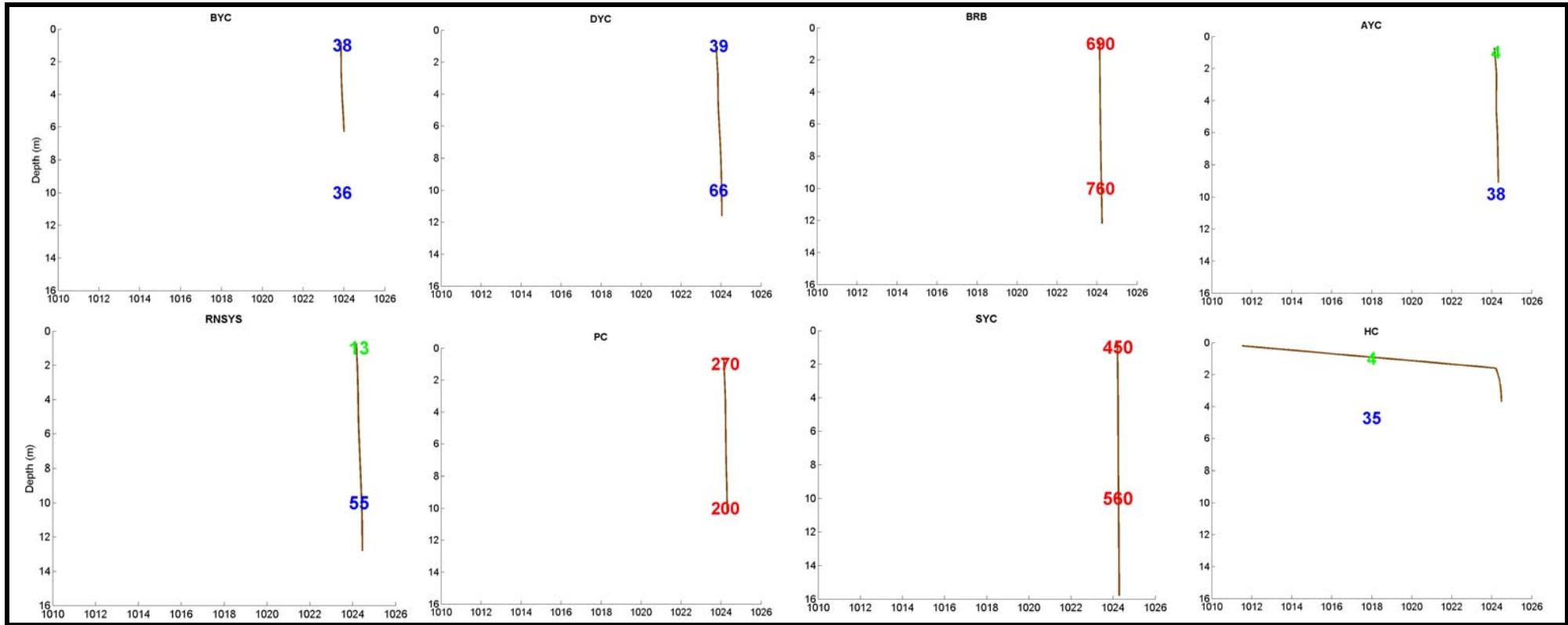


Unless otherwise labeled:
 - density contour interval is 0.2 kg/m³

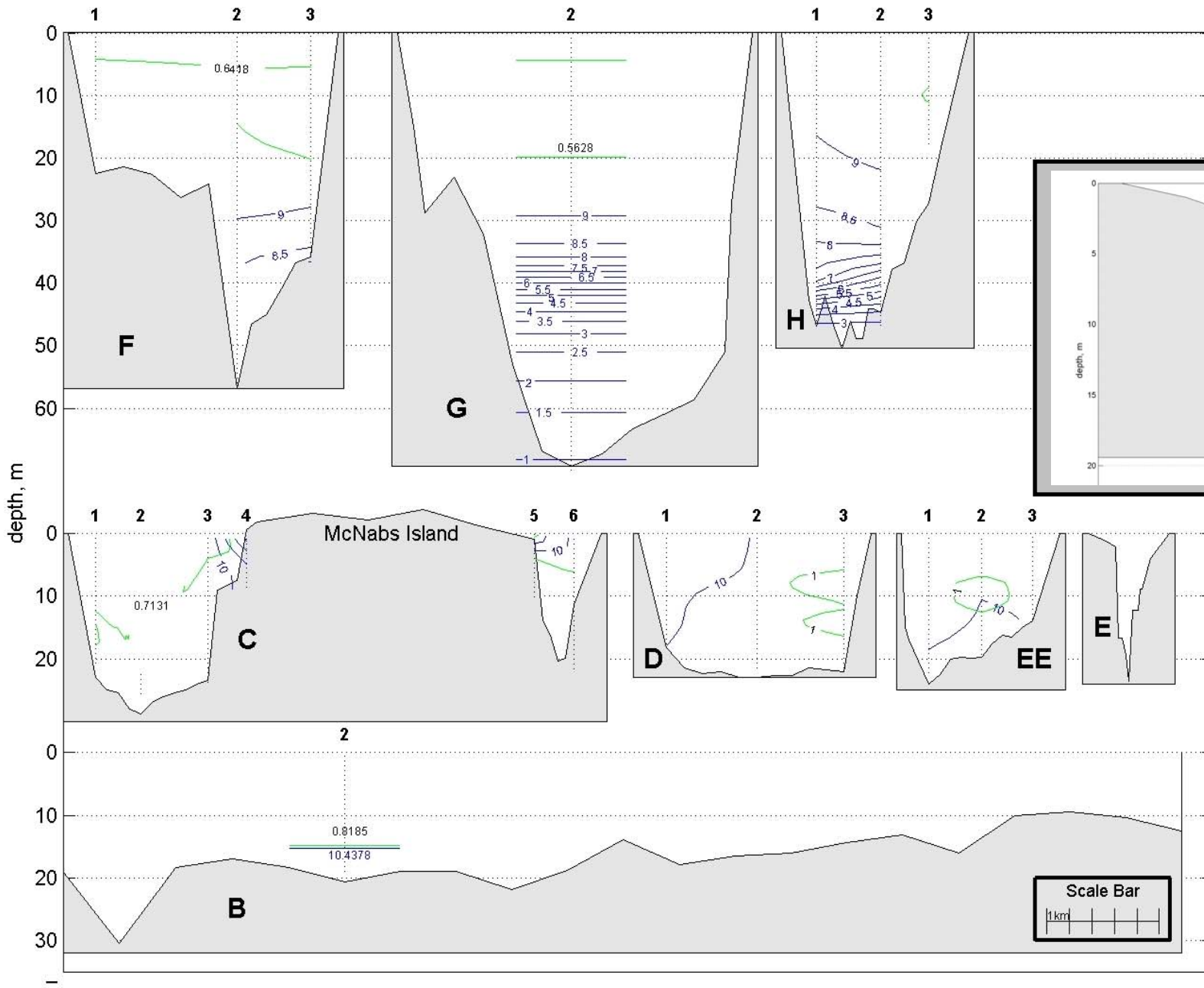
Density in kg/m³ Fecal coliform: above swimming limit (200 cfu/100mL)
 above shellfish limit (14 cfu/100mL)
 below limits



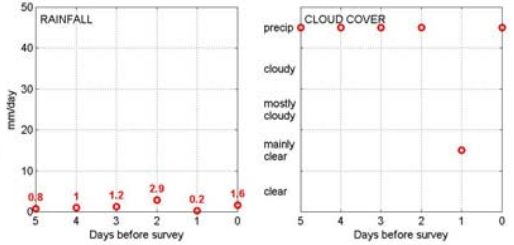
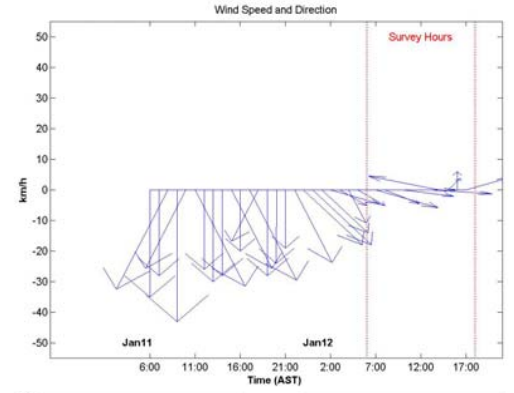
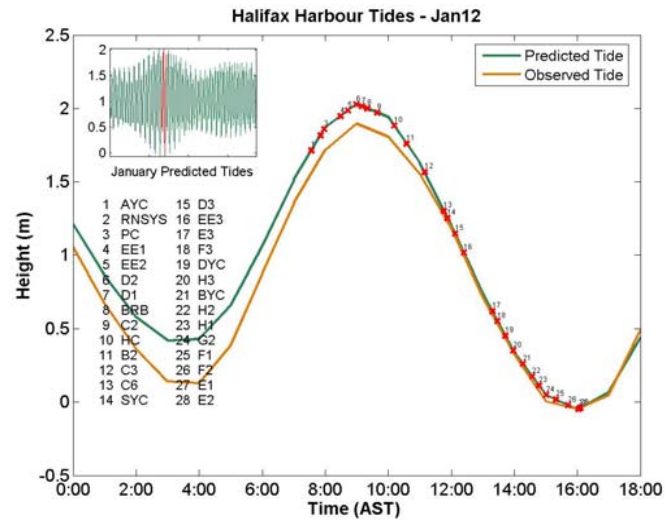
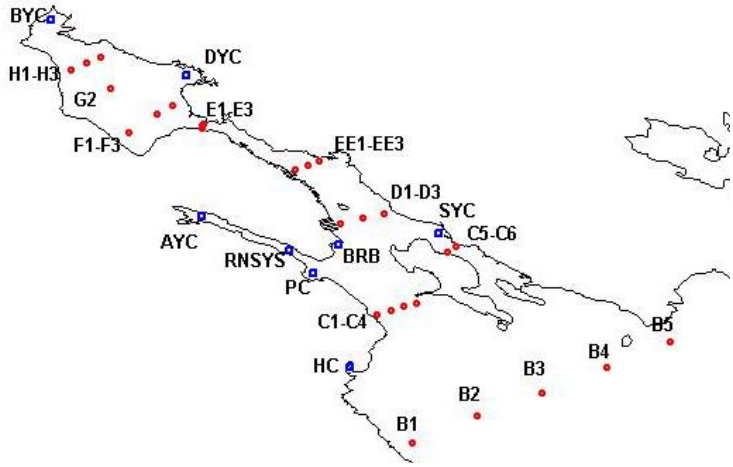
Yacht Clubs



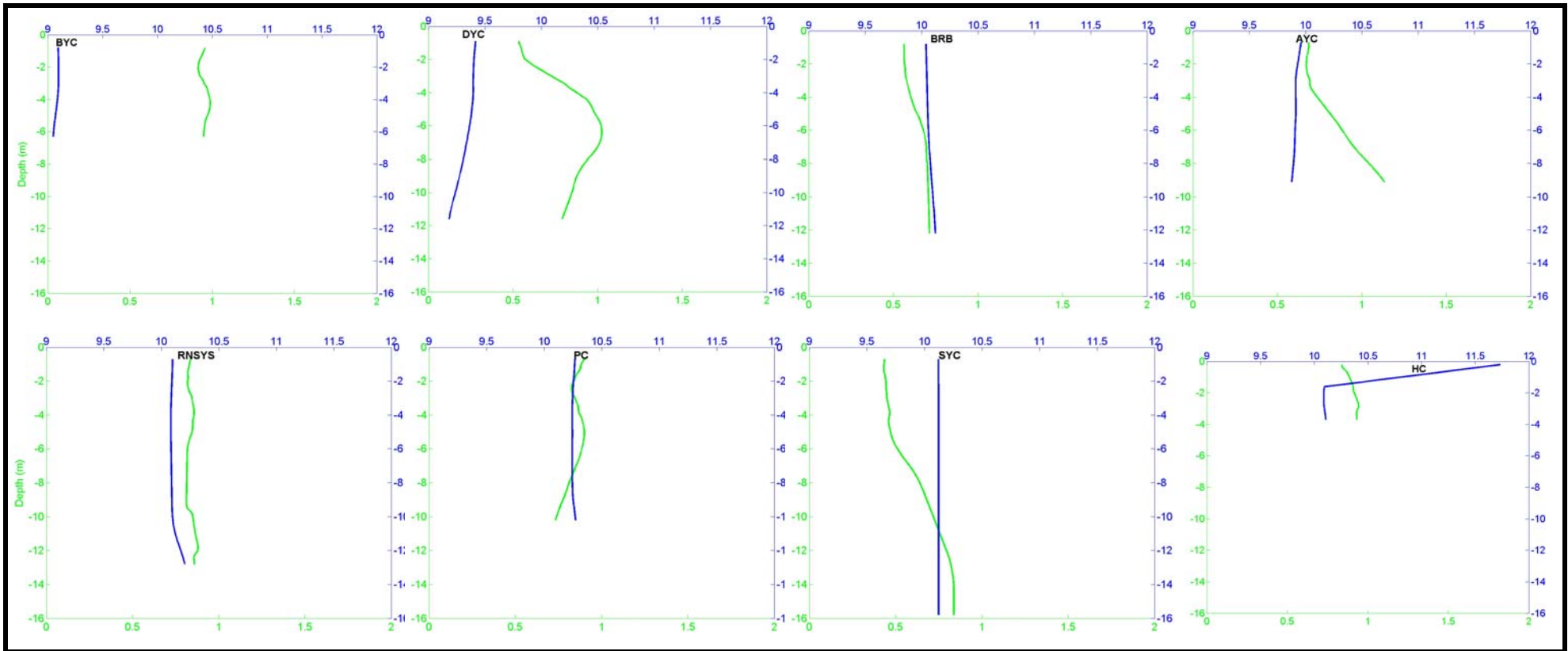
Density in kg/m³ **Fecal coliform: above swimming limit (200 cfu/100mL)**
below limits **above shellfish limit (14 cfu/100mL)**



Unless otherwise labeled:
 - **dissolved oxygen** contour interval is 0.5 mg/L
 - **chlorophyll** contour interval is 1mg/m³.



Yacht Clubs



DO in mg/L

Chlorophyll in mg/m³