

Halifax Harbour Water Quality Monitoring Project

Weekly Summary #26

Survey Date: 14 Dec 04
Nature of Survey: Coliform Survey
Report File (this document): HHWQMP_report026_041214.doc
Data File: HHWQMP_data026_041214.xls

Comments:

Dissolved Oxygen: The dissolved oxygen continues to drop (1.6 mg/l) in the deepest water of Bedford Basin. The Basin bottom water represents the only criteria violation in the harbour.

Data Return:

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

Sample Notes:

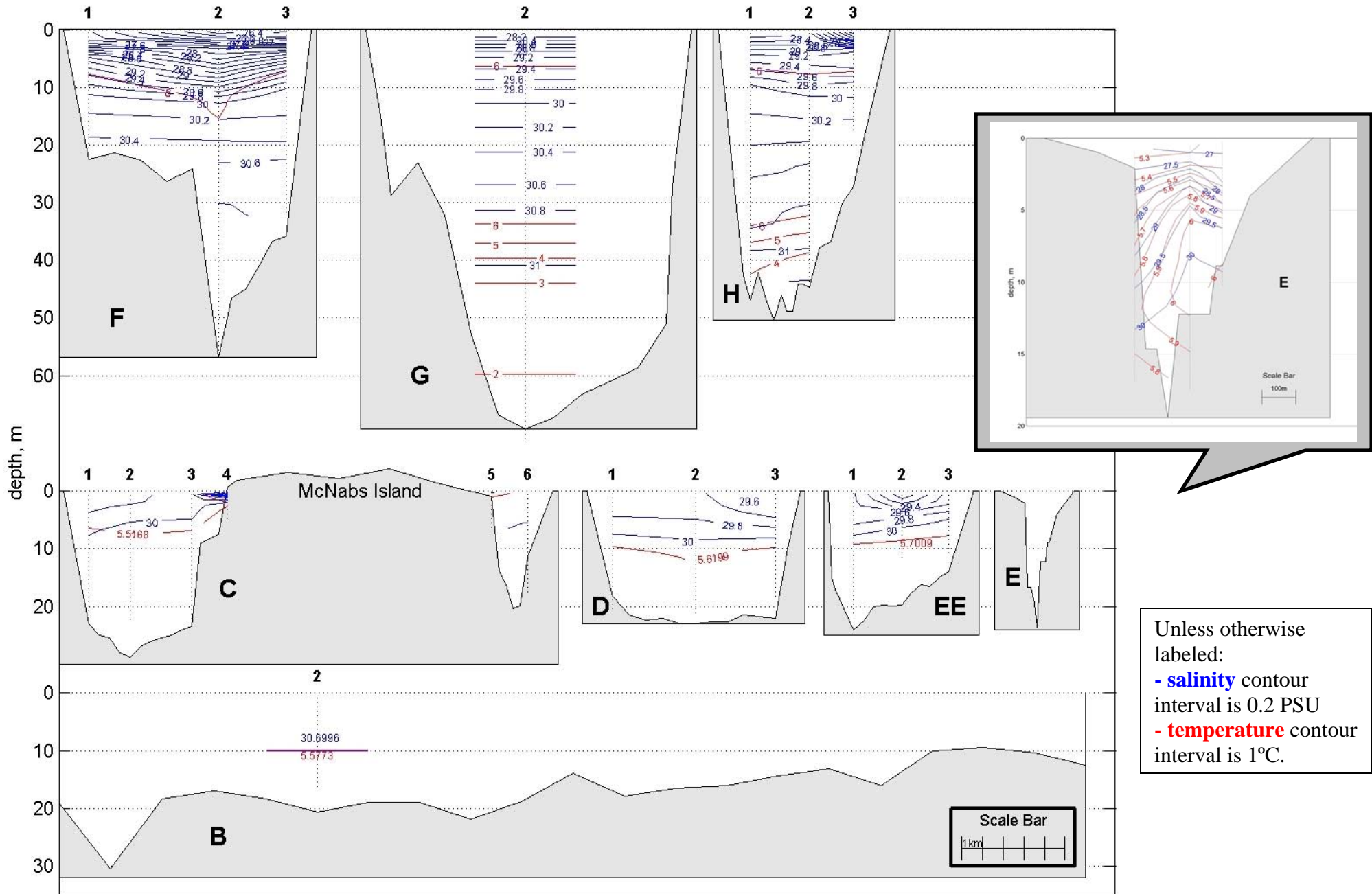
Station C4 moved slightly - (44° 35.892' N, 63° 32.021' W). Large sea water depth a concern with Mako II.

Station PC sampled at alternate site (44° 36.742' N, 63° 334.056' W) established for large boat (Mako II) - due to water depth on approach.

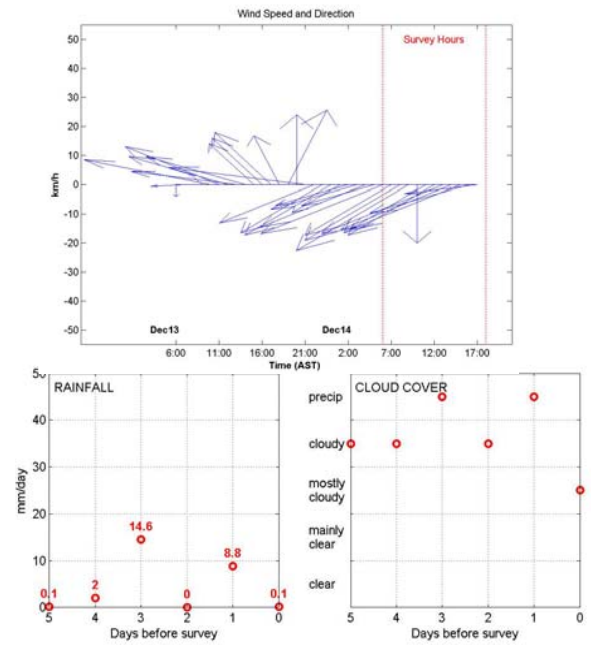
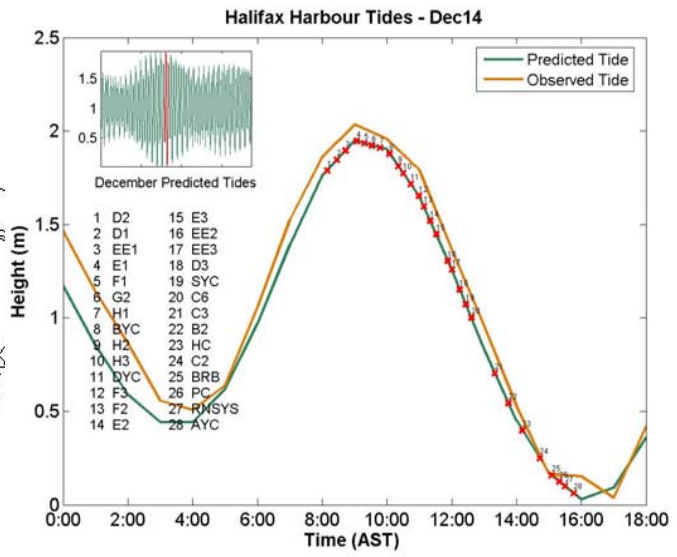
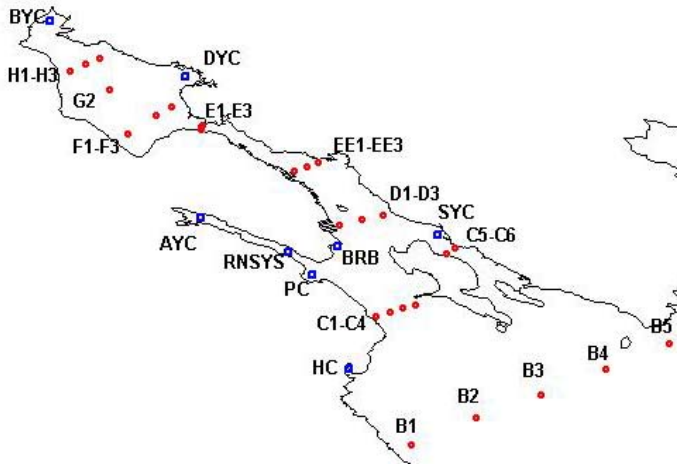
QA/QC samples:

Fecal Coliform (CFU/100ml)

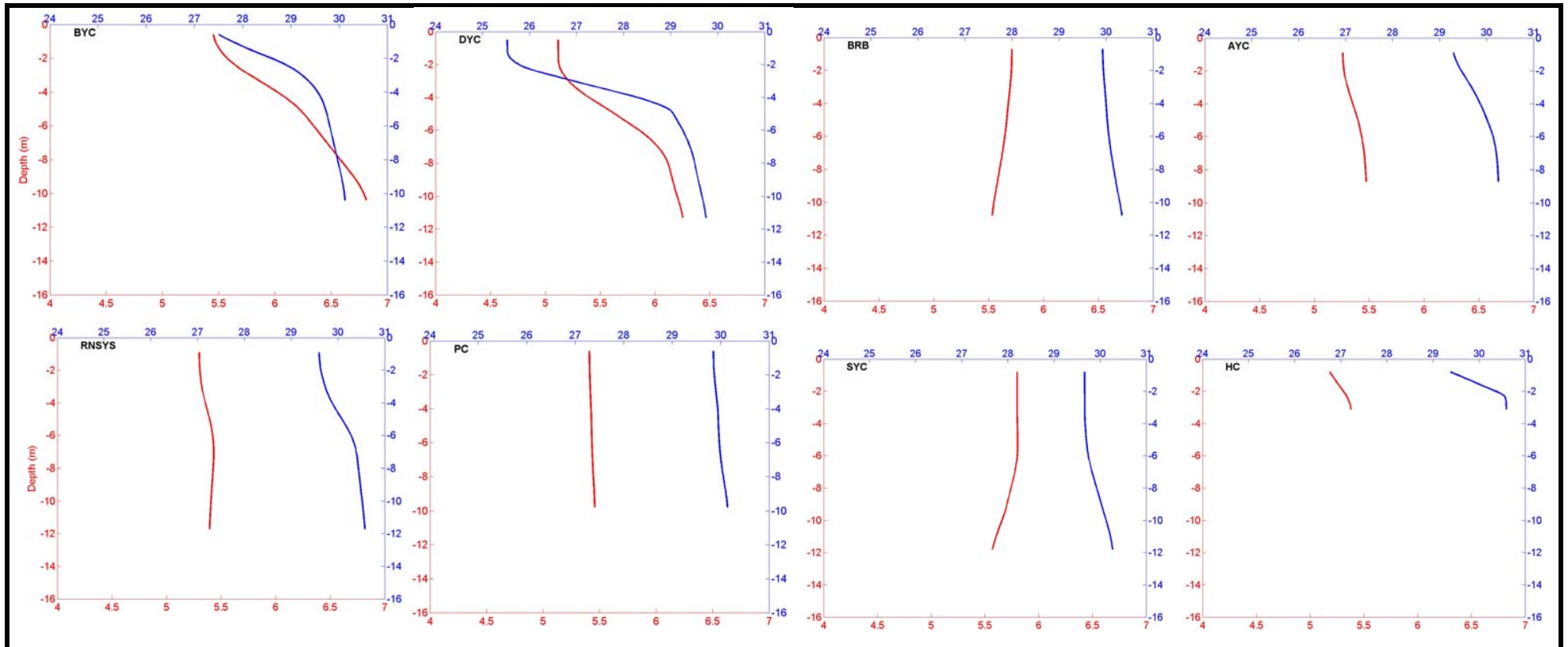
Site	H1-1m	H2-1m	DYC-1m	EE3-10m	SYC-1m	C2-10m
Reference	95	180	160	240	790	130
QA/QC	68	780	710	1600	590	140



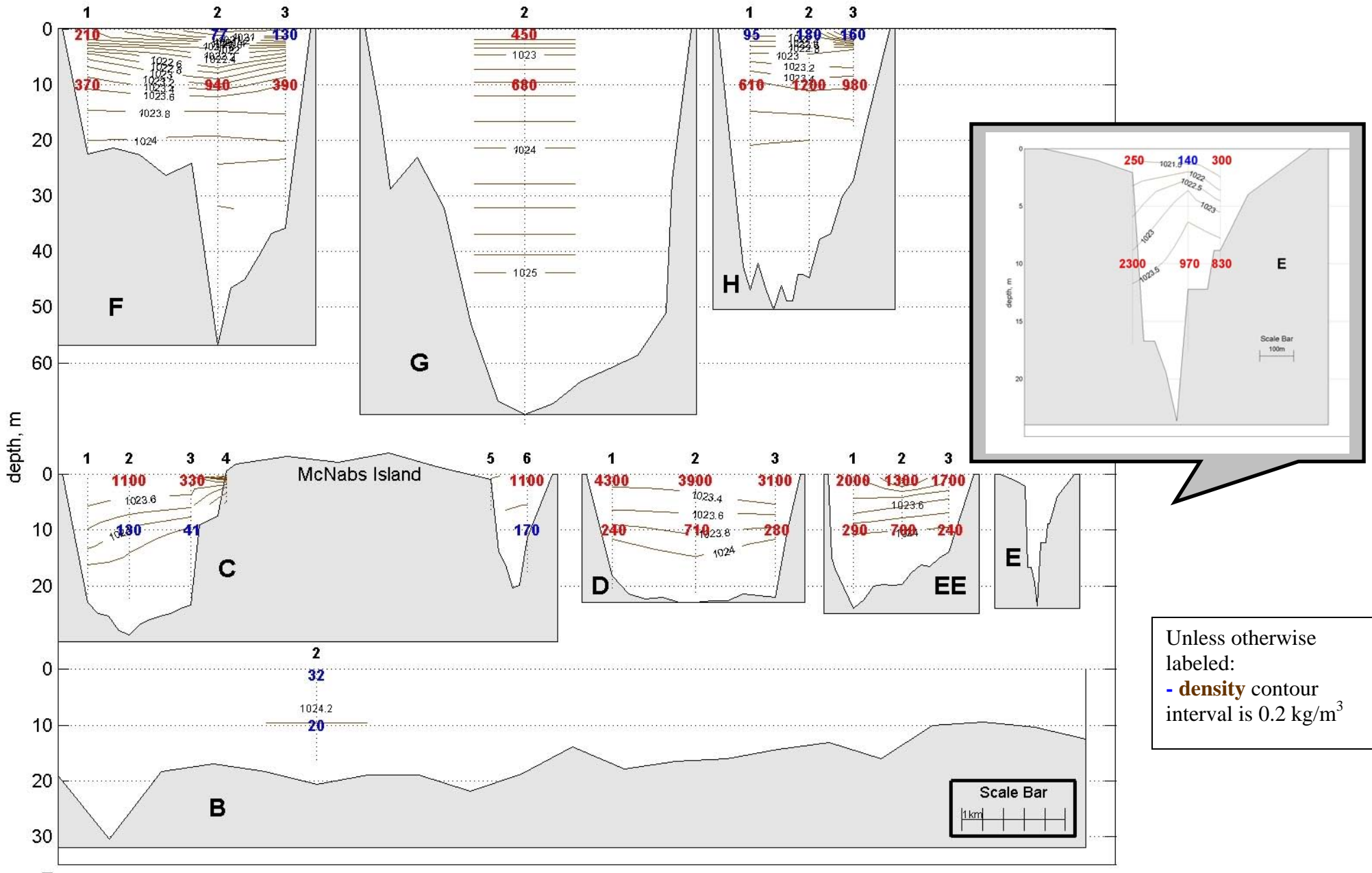
Unless otherwise labeled:
 - **salinity** contour interval is 0.2 PSU
 - **temperature** contour interval is 1°C.



Yacht Clubs

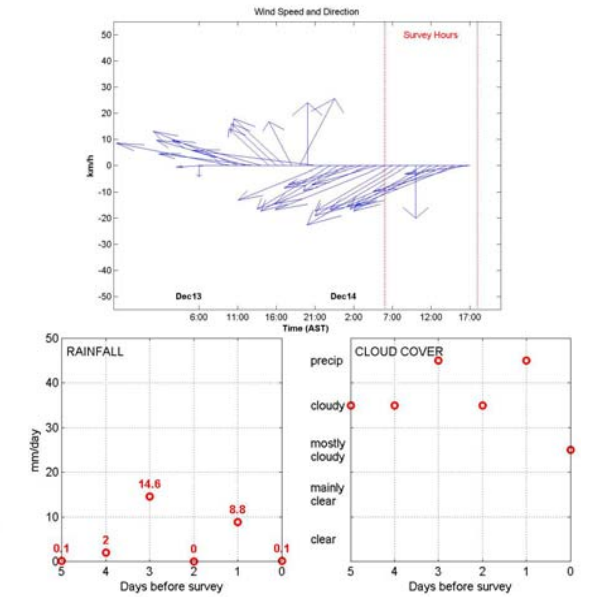
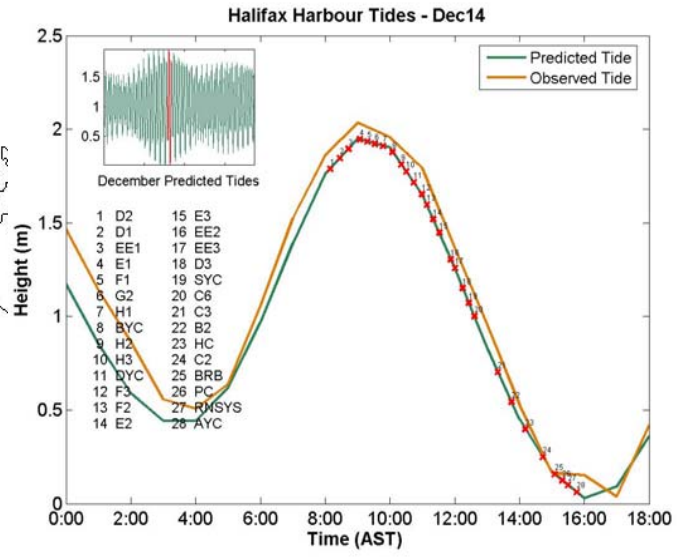
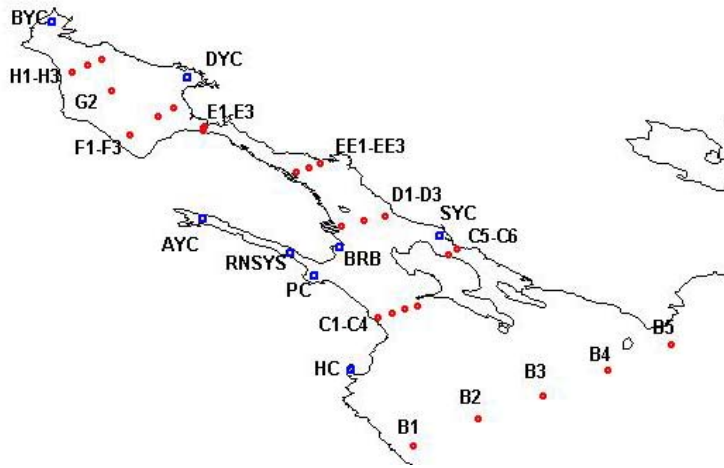


Salinity in PSU Temperature in °C

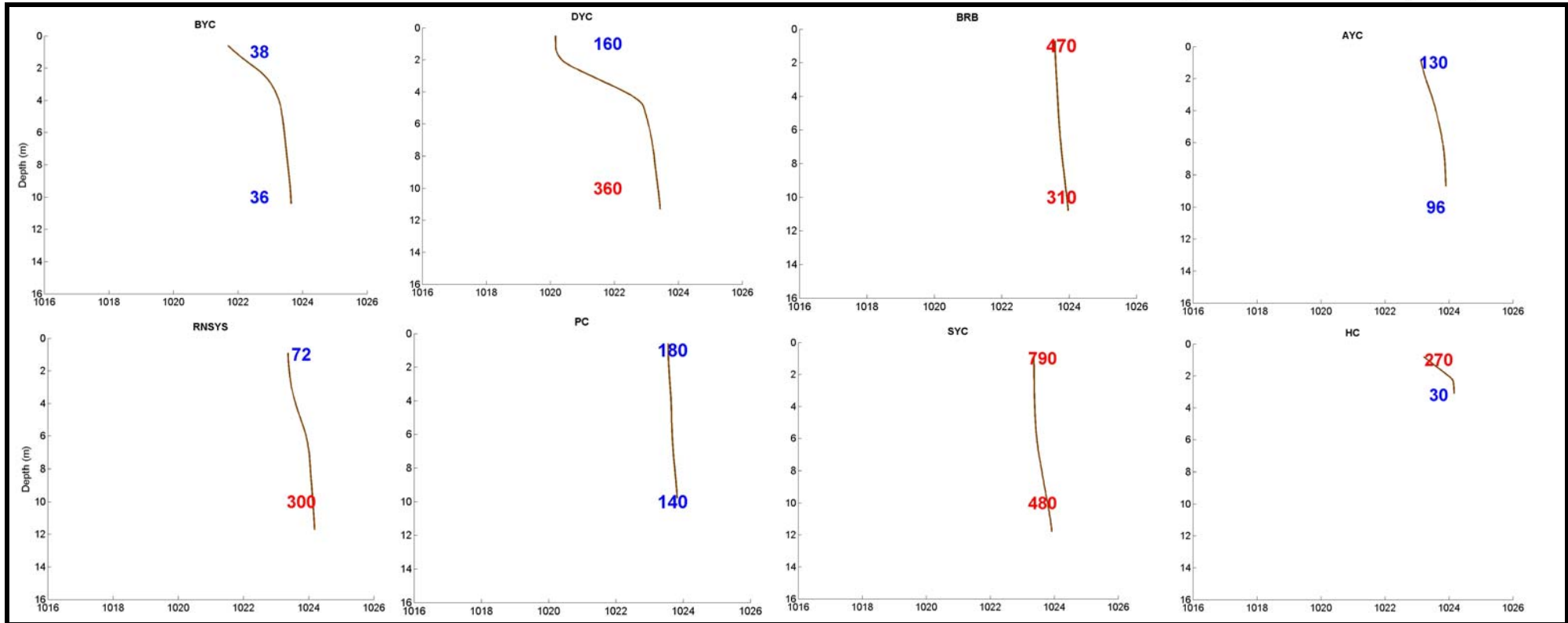


Density in kg/m^3 Fecal coliform: above swimming limit (200 cfu/100mL)
 above shellfish limit (14 cfu/100mL)
 below limits

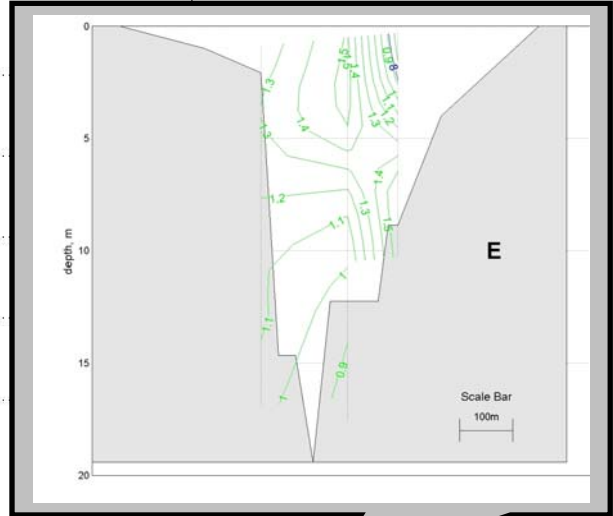
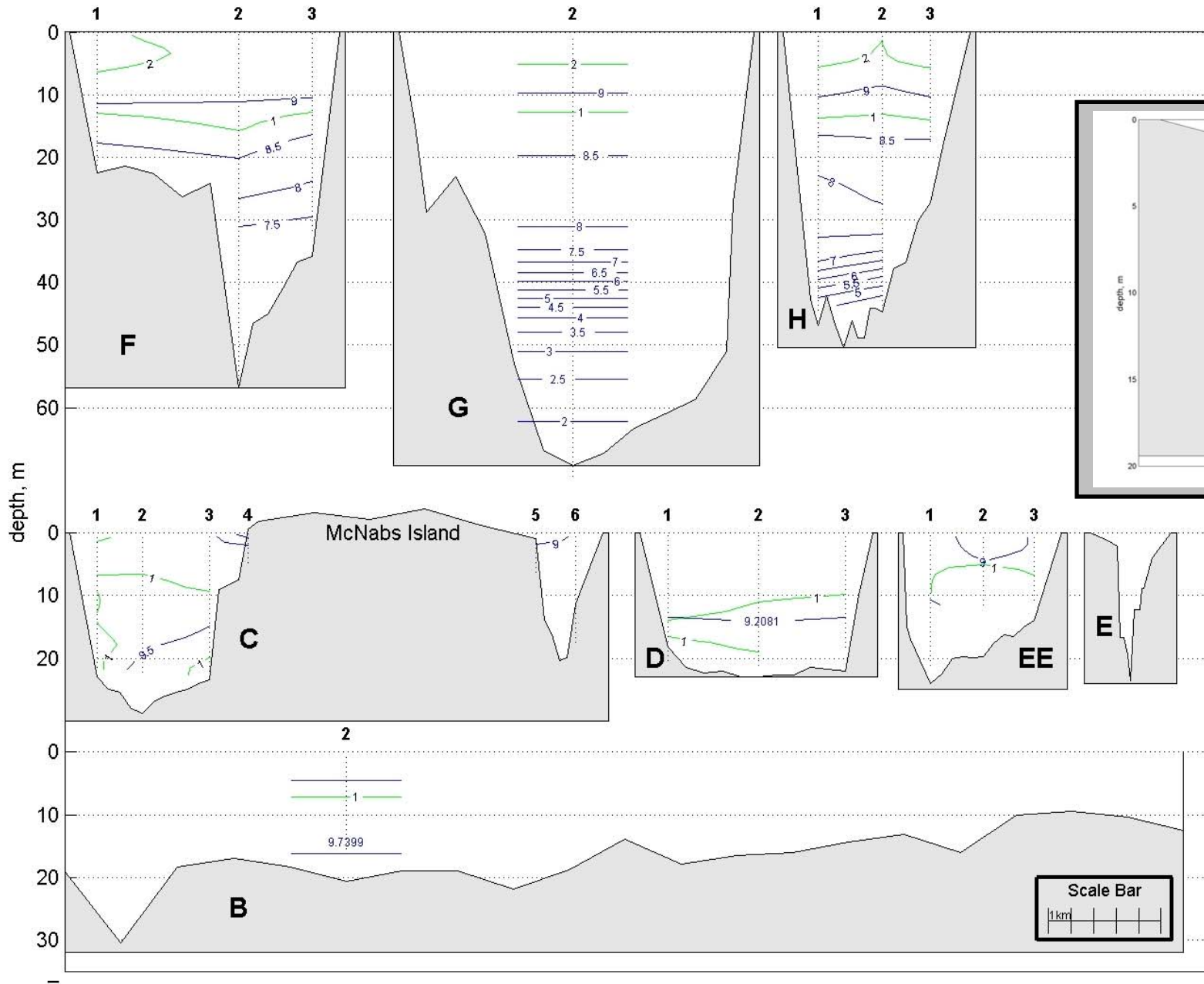
Unless otherwise labeled:
 - density contour interval is 0.2 kg/m^3



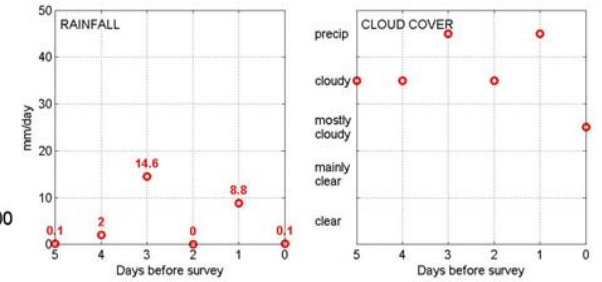
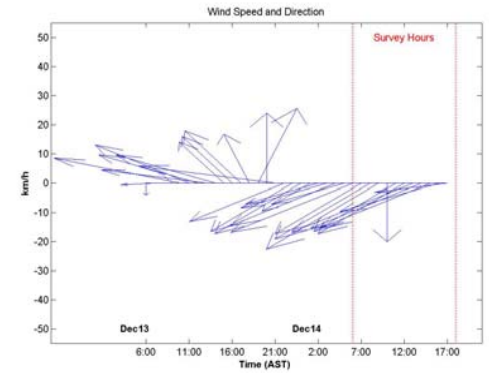
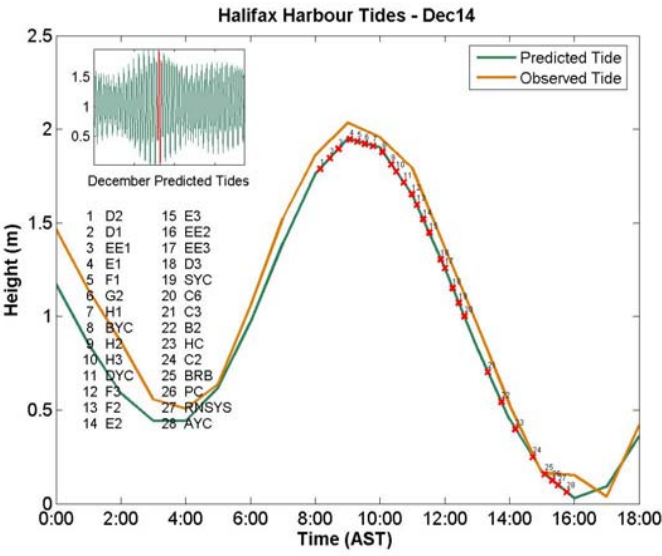
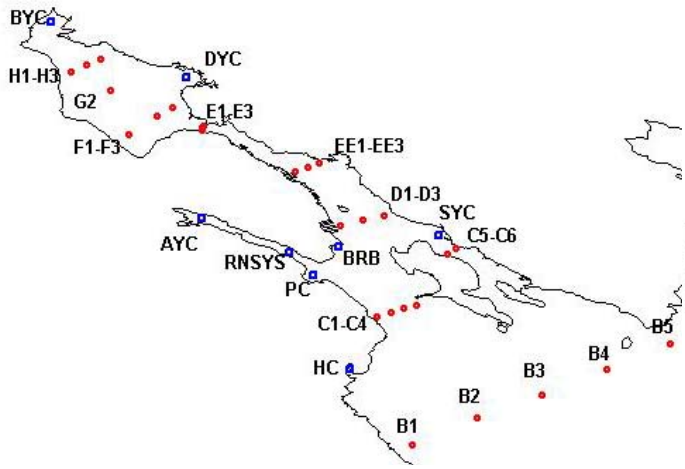
Yacht Clubs



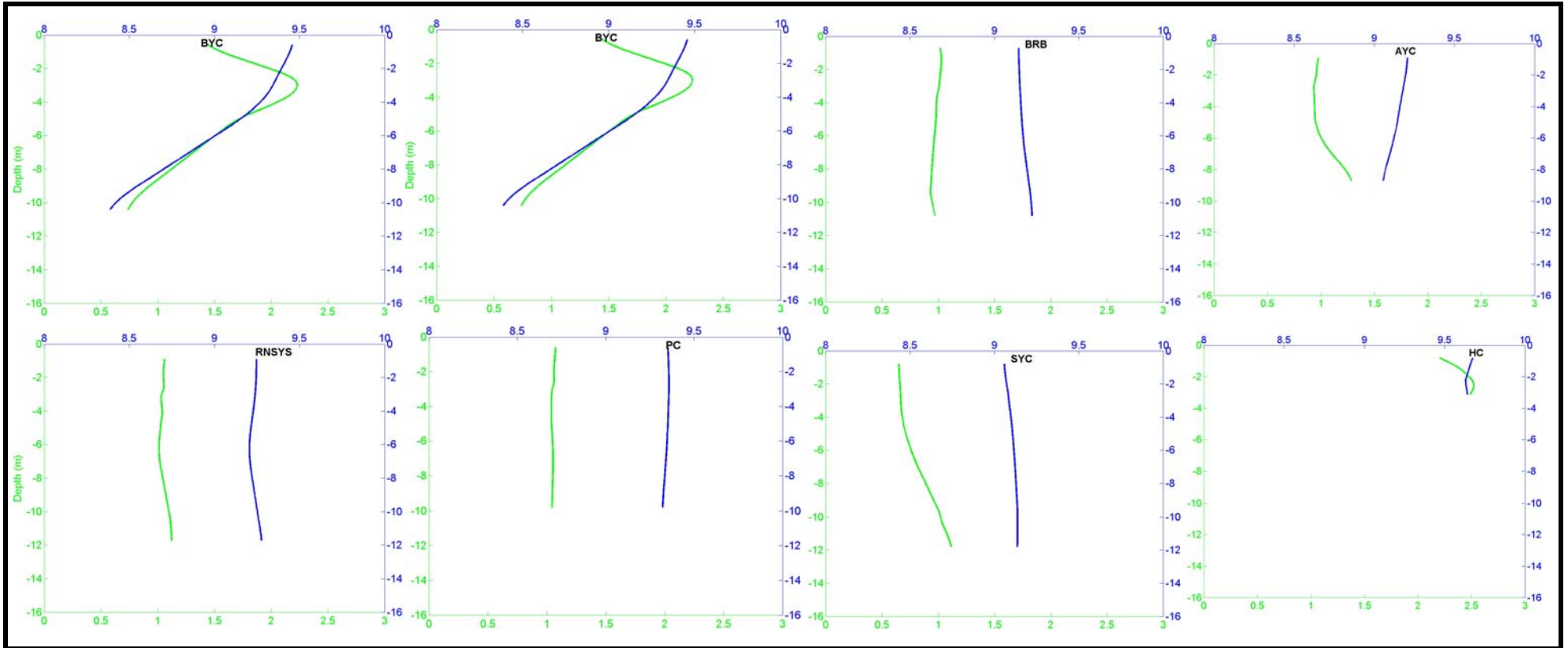
Density in kg/m³ **Fecal coliform: above swimming limit (200 cfu/100mL)**
above shellfish limit (14 cfu/100mL)
 below limits



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