

# Effects of hurricane flooding on coastal ocean water quality

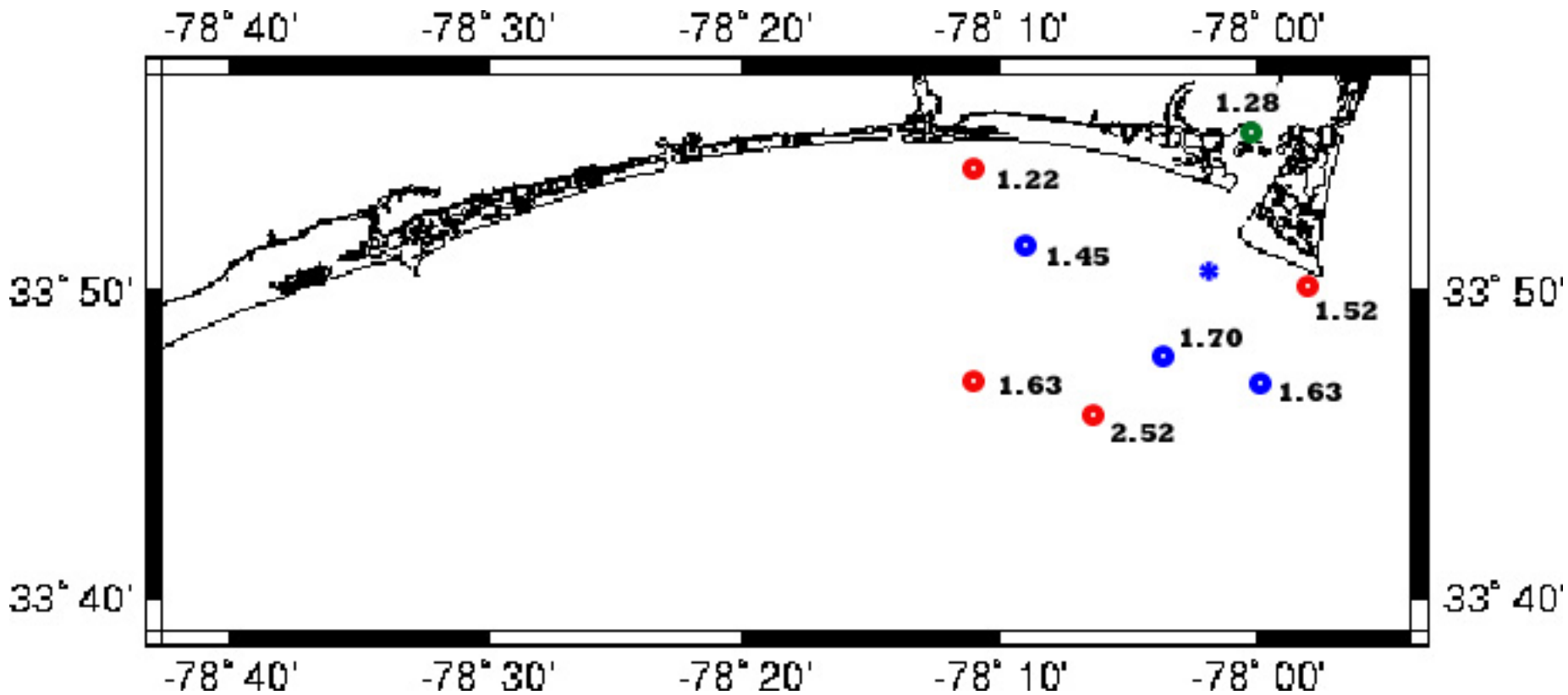
- Lawrence B. Cahoon
- Sharon A. Kissling
- Janice E. Nearhoof
- Michael A. Mallin
- Frederick M. Bingham

# Microbiological Results

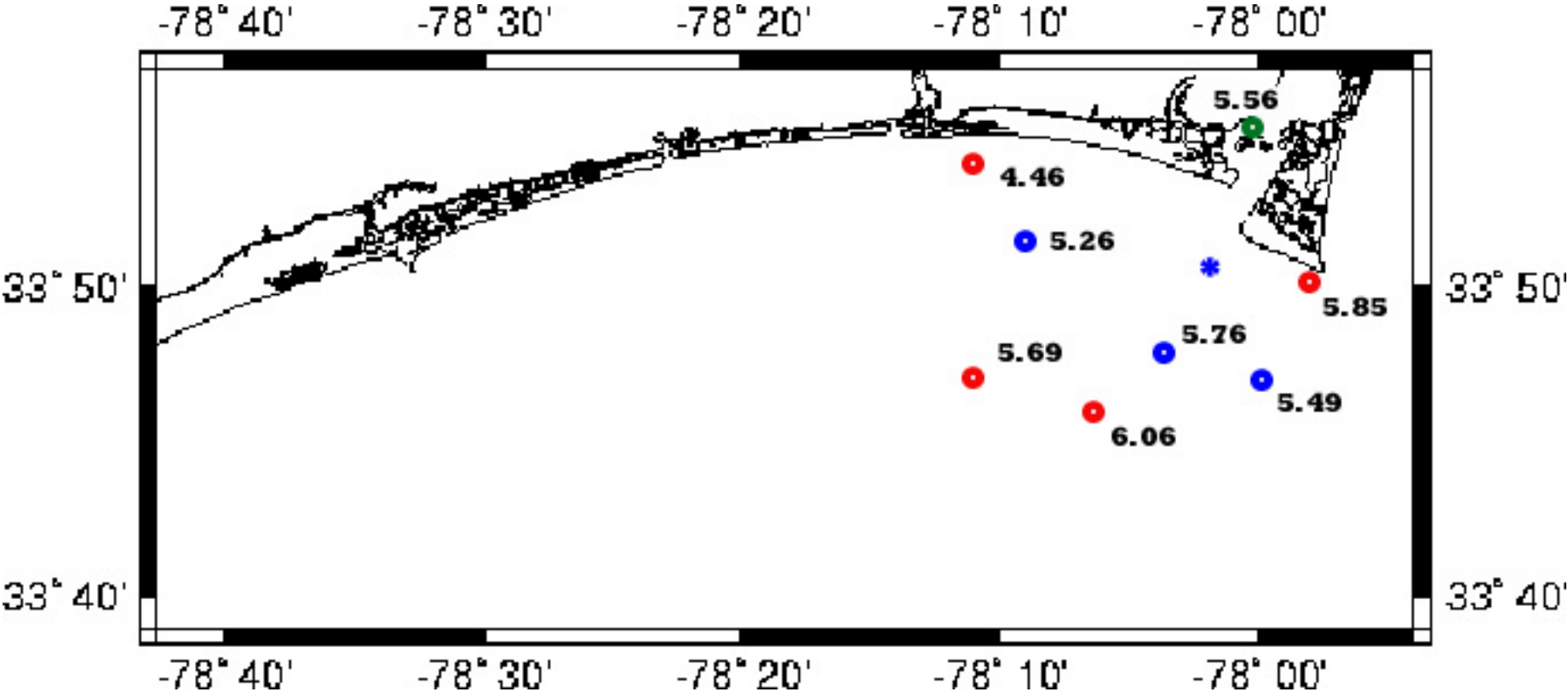
Sept. 23, 1999

- ICW samples (n=7):
  - Fecal coliforms: 0-47 CFU/100mls
  - Klebsiella, Enterobacter, Pseudomonas, Salmonella, Shigella, Yersinia*
- CFR samples (n=4):
  - Fecal coliforms: 0-3 CFU/100 mls
  - Pseudomonas, Salmonella, Yersinia*
- Long Bay samples (n=5):
  - Fecal coliforms: 0-3 CFU/100 mls
  - Pseudomonas, Serratia*

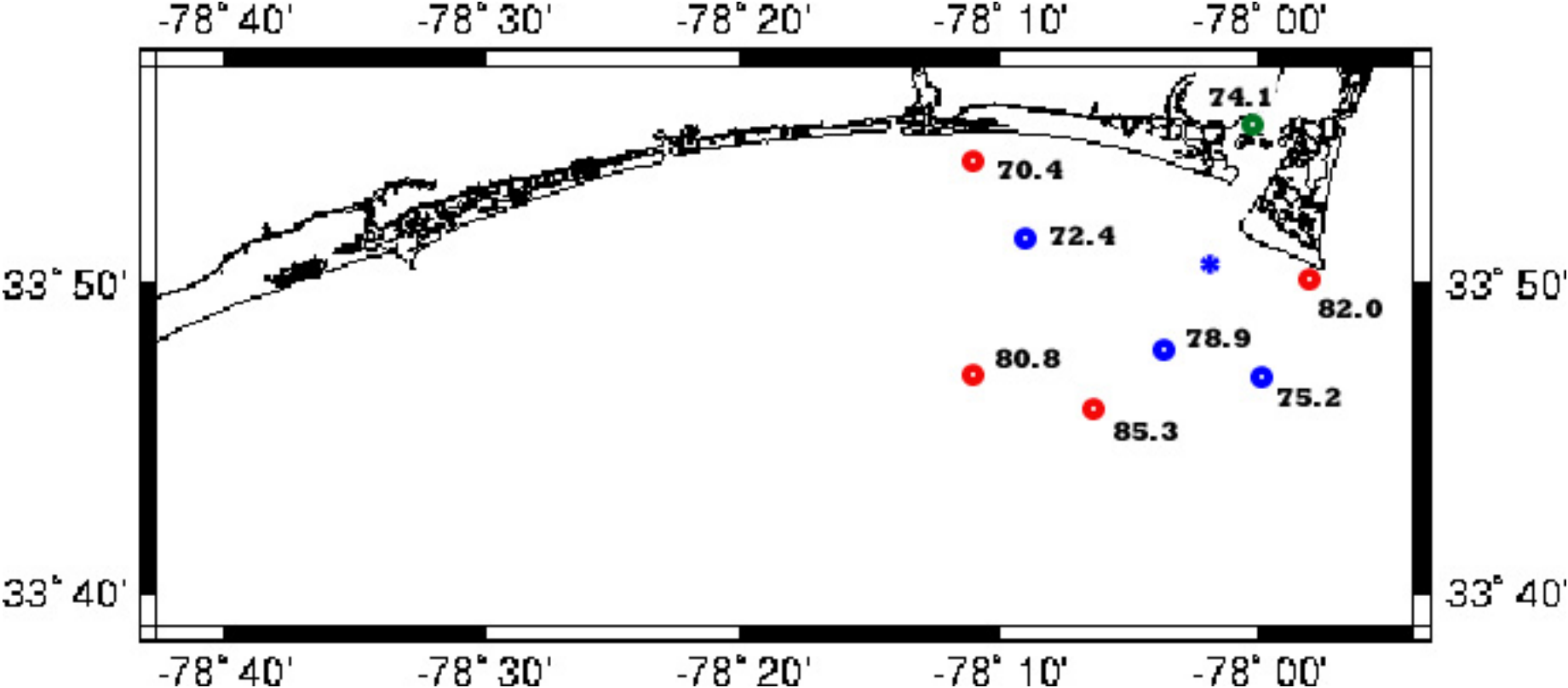
# October 14, 1999: Chlorophyll *a*, ug/l



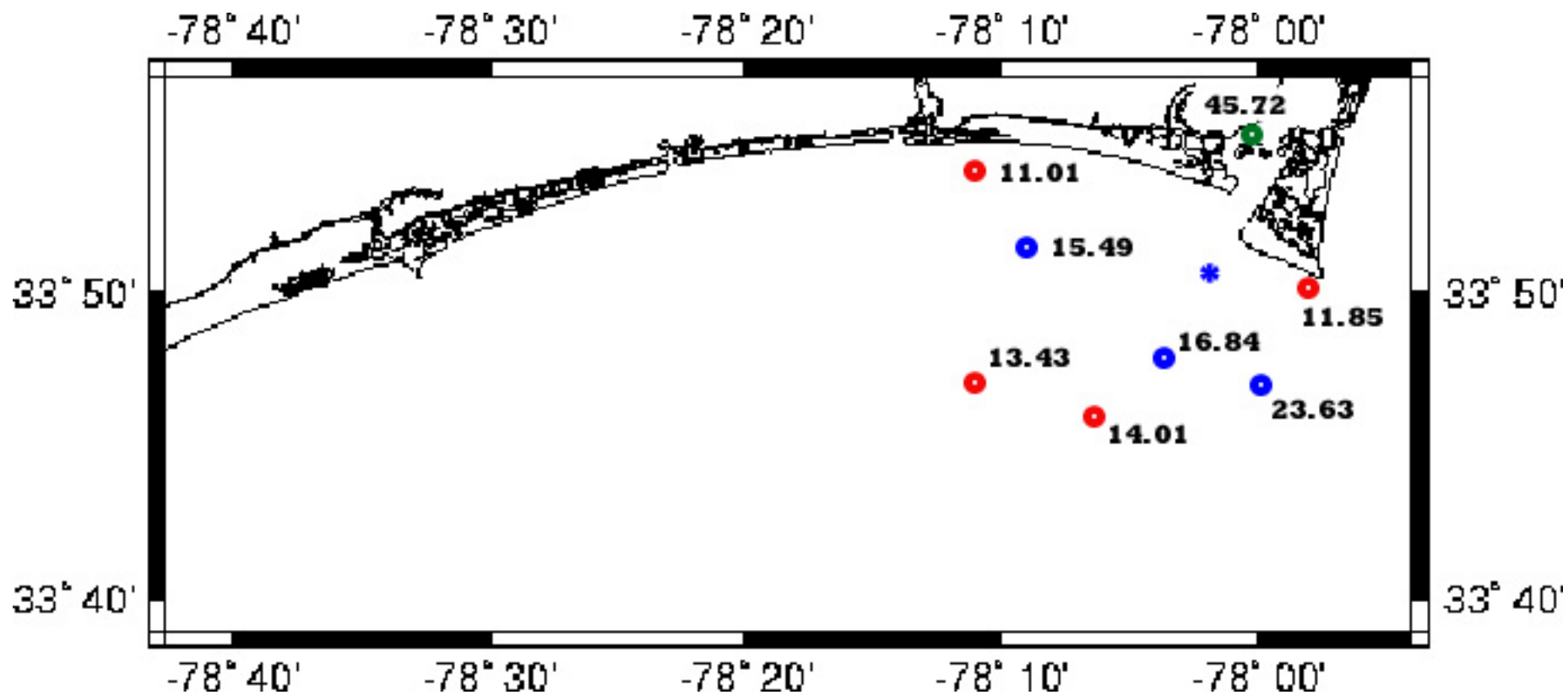
# October 14, 1999: Dissolved Oxygen, mg/l



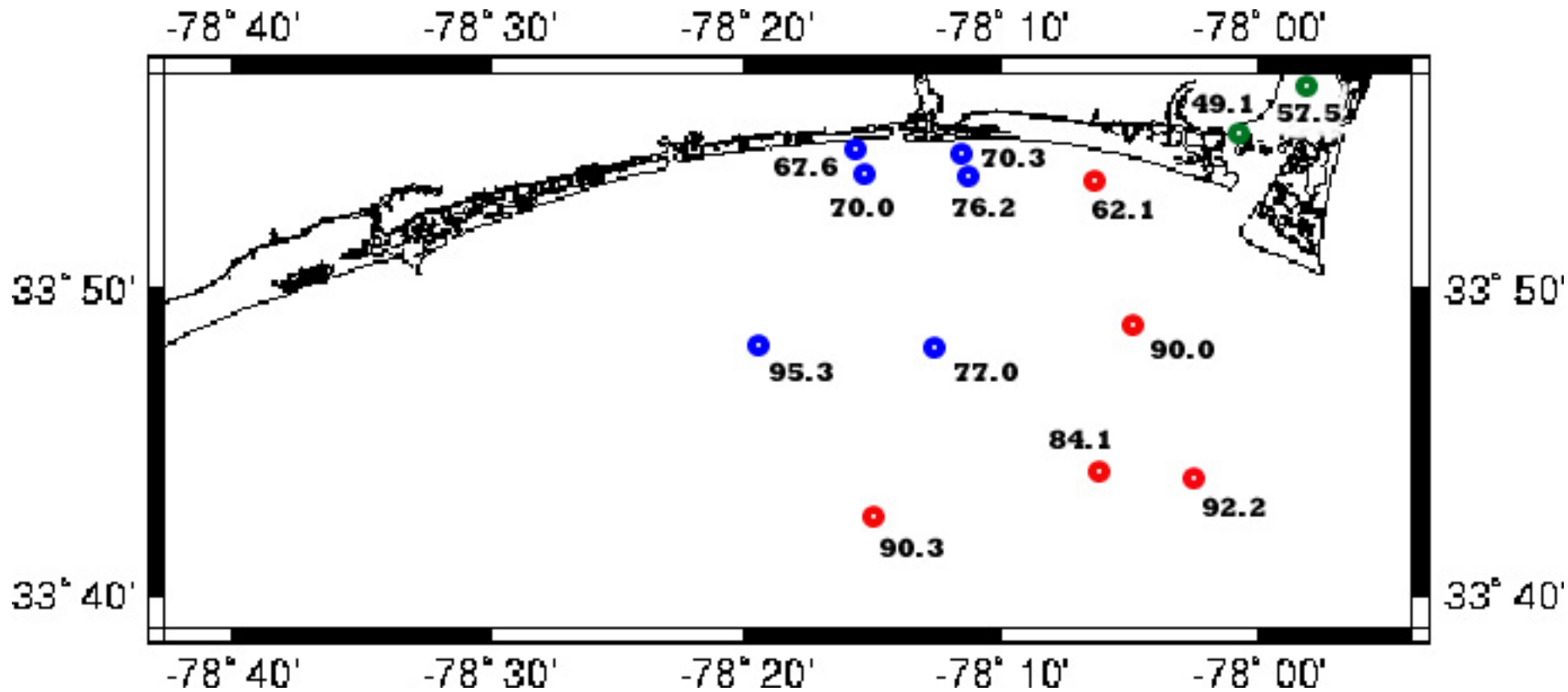
# October 14, 1999: Oxygen, Percent Saturation



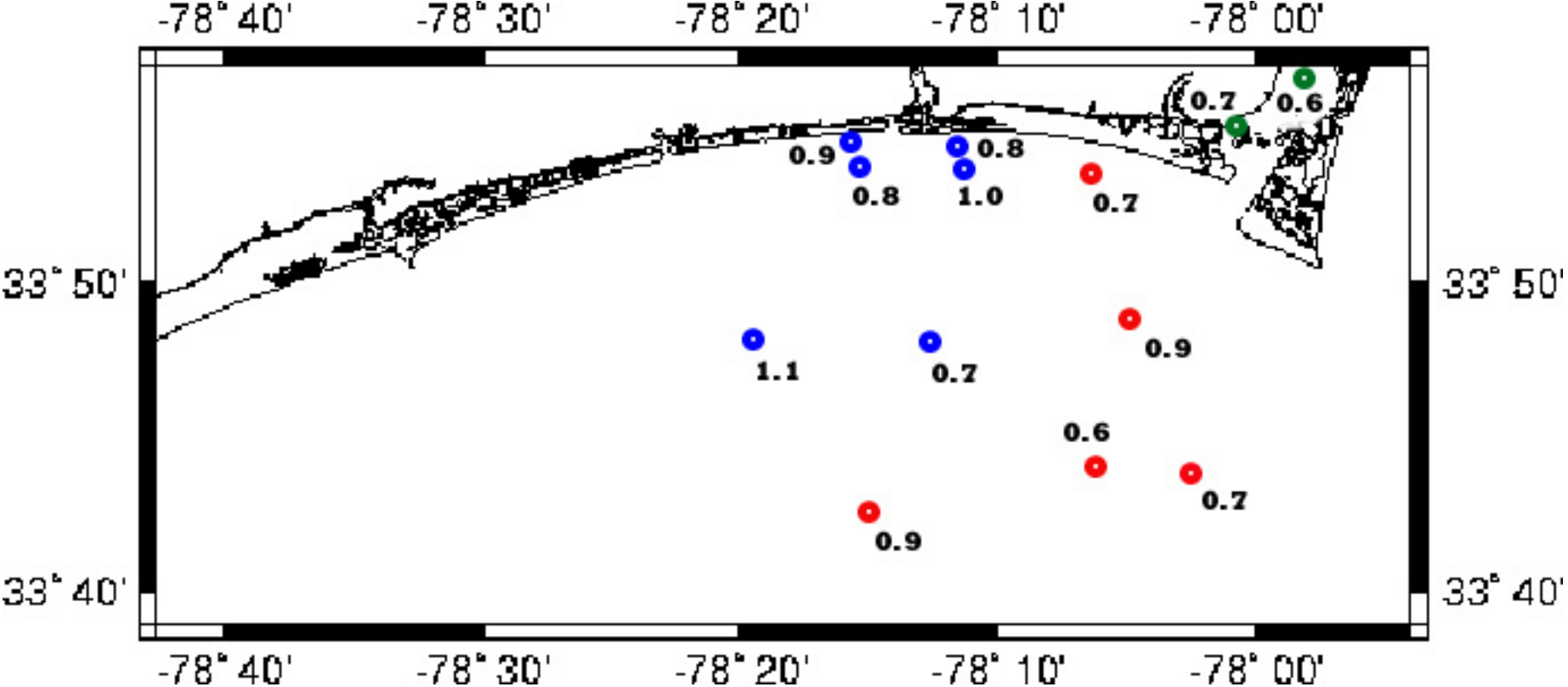
# October 14, 1999: Reactive Silicate, $\mu\text{M}$



# Oct. 1, 1999: Oxygen Percent Saturation

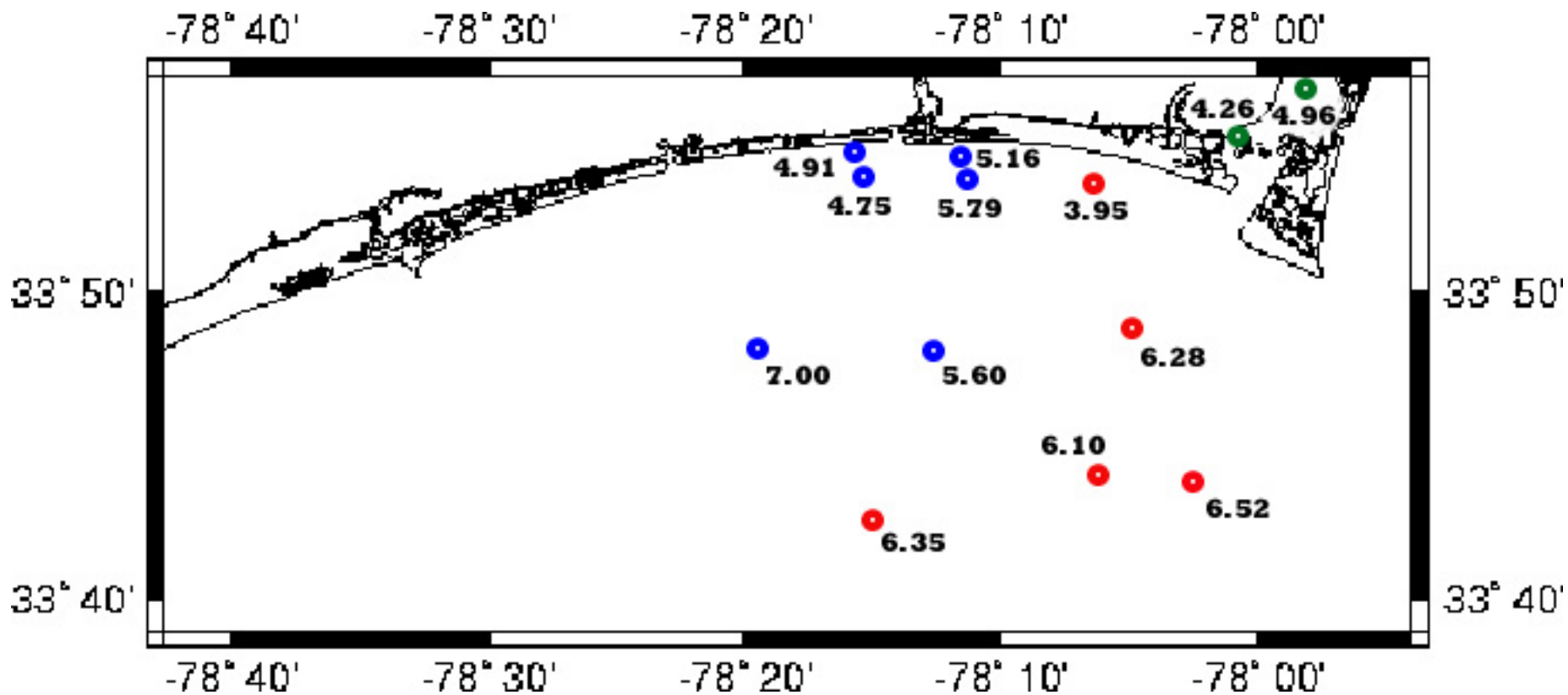


# October 1, 1999: Chlorophyll *a*, $\mu\text{g/l}$

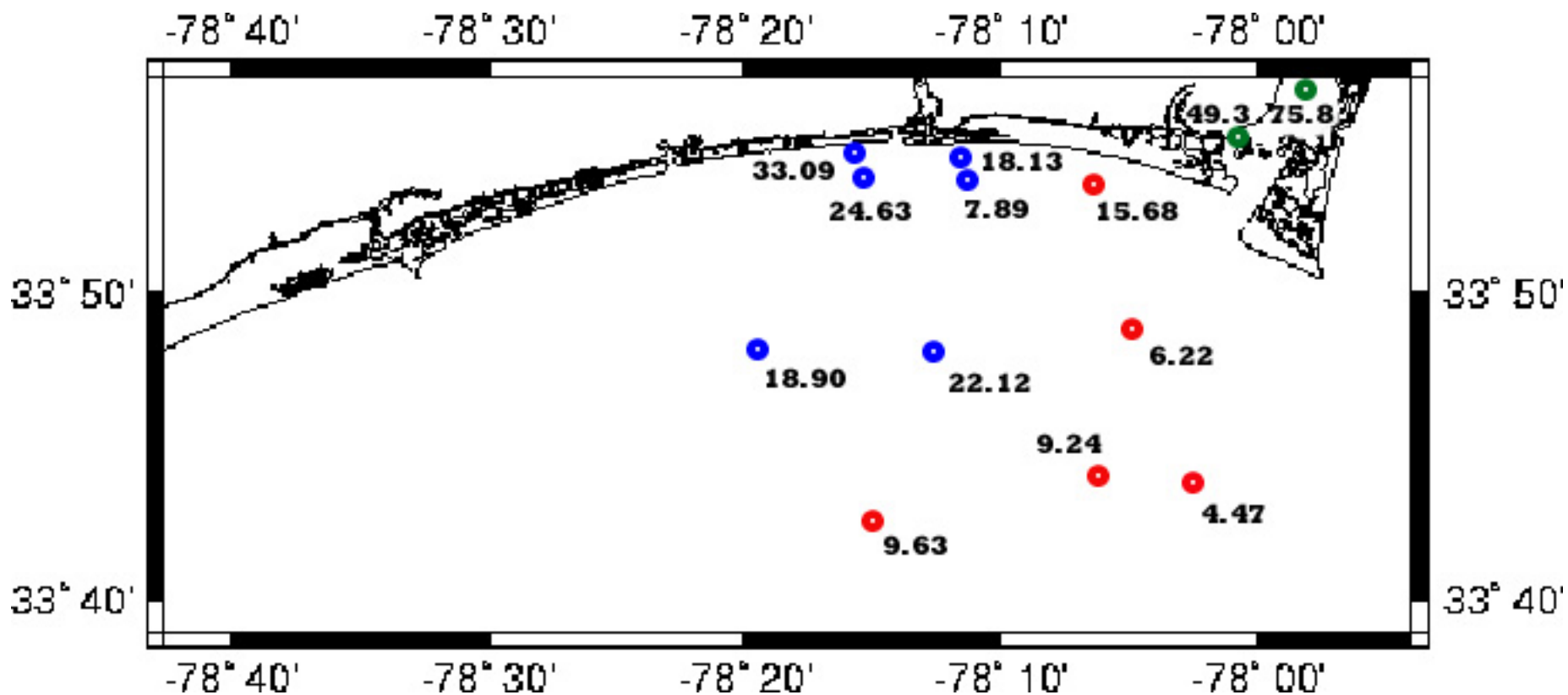




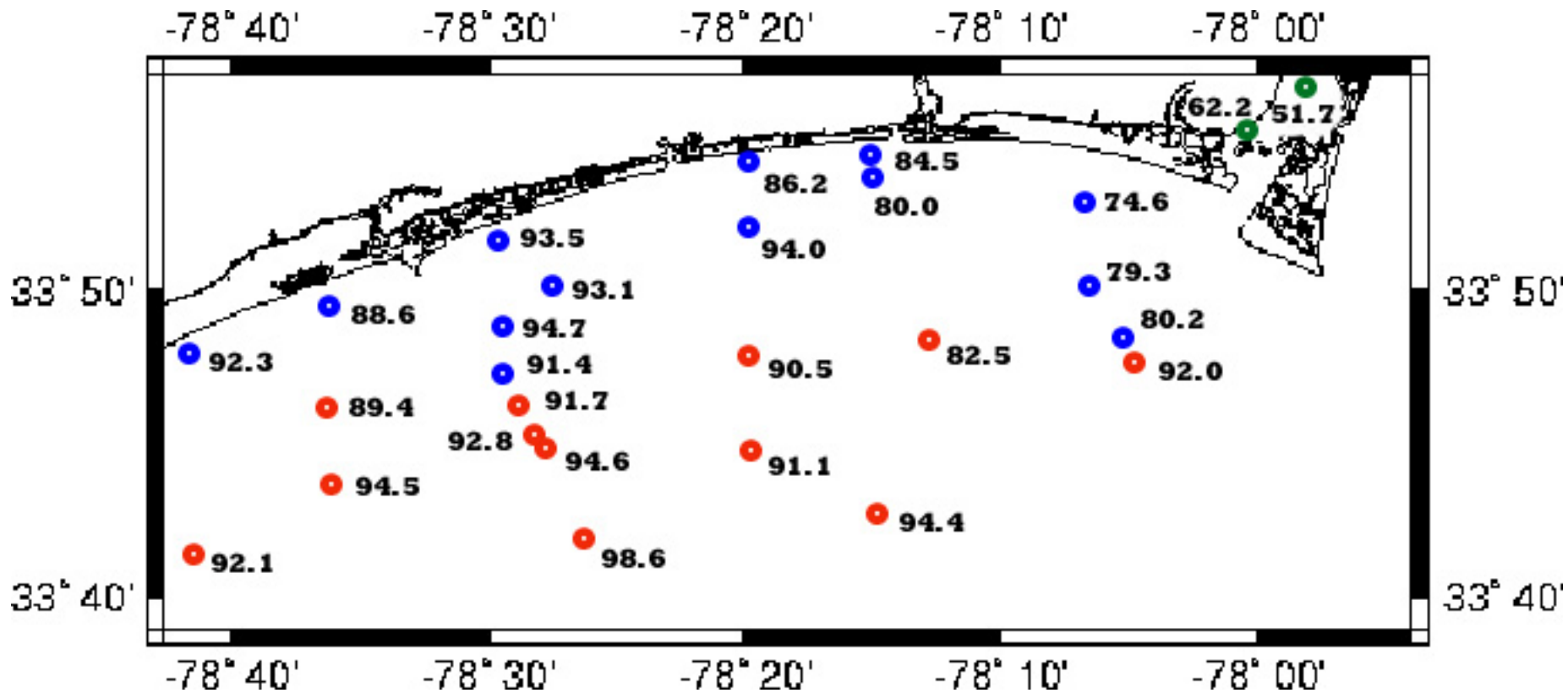
# October 1, 1999: Dissolved Oxygen, mg/l



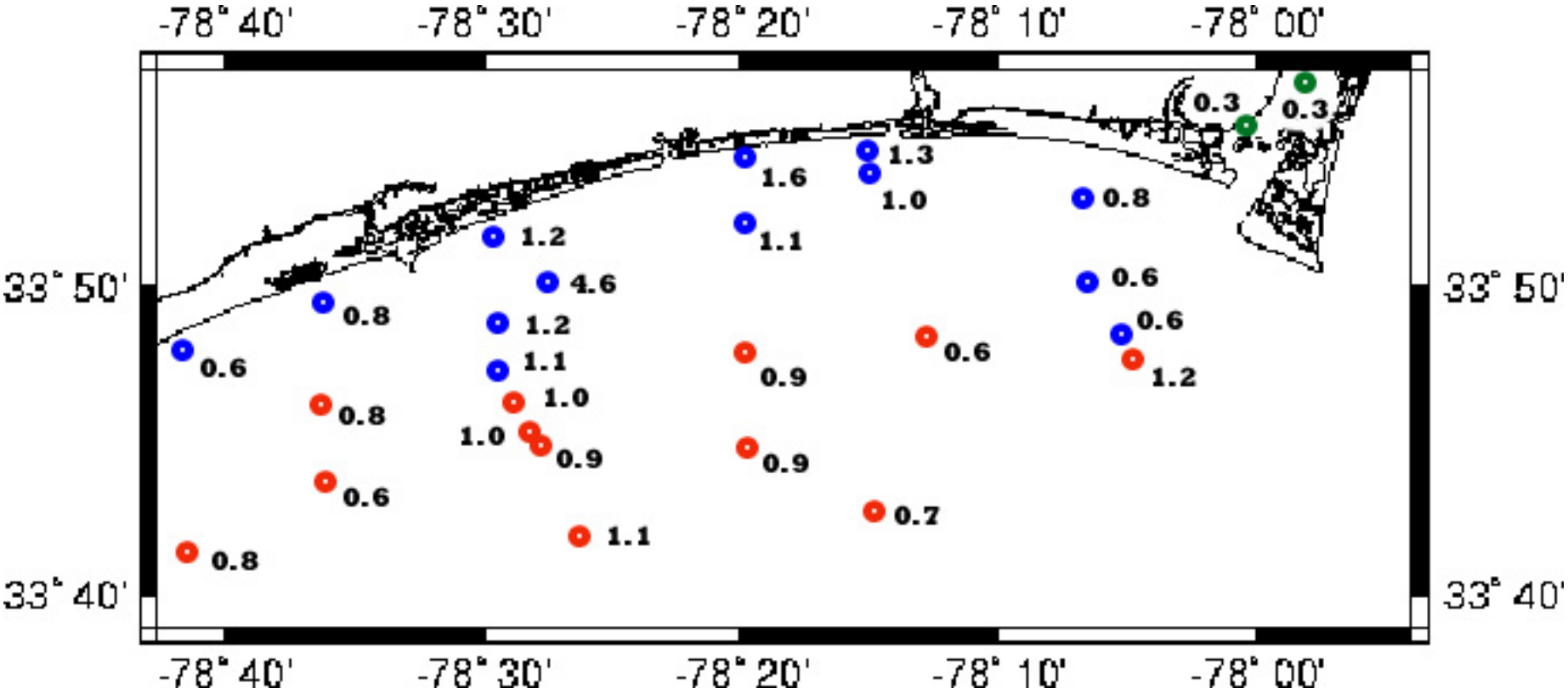
# October 1, 1999: Reactive Silicate, $\mu\text{M}$



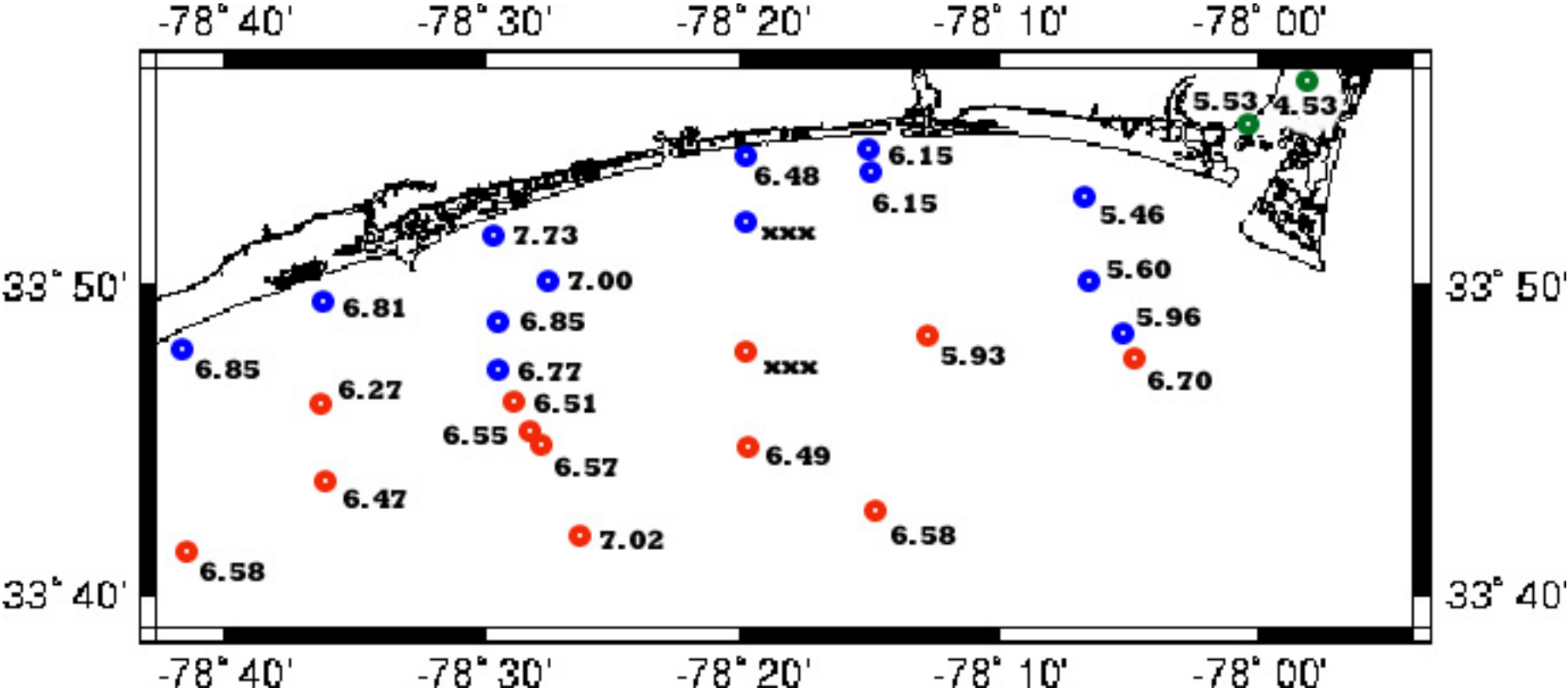
# October 7-8, 1999: Oxygen Percent Saturation



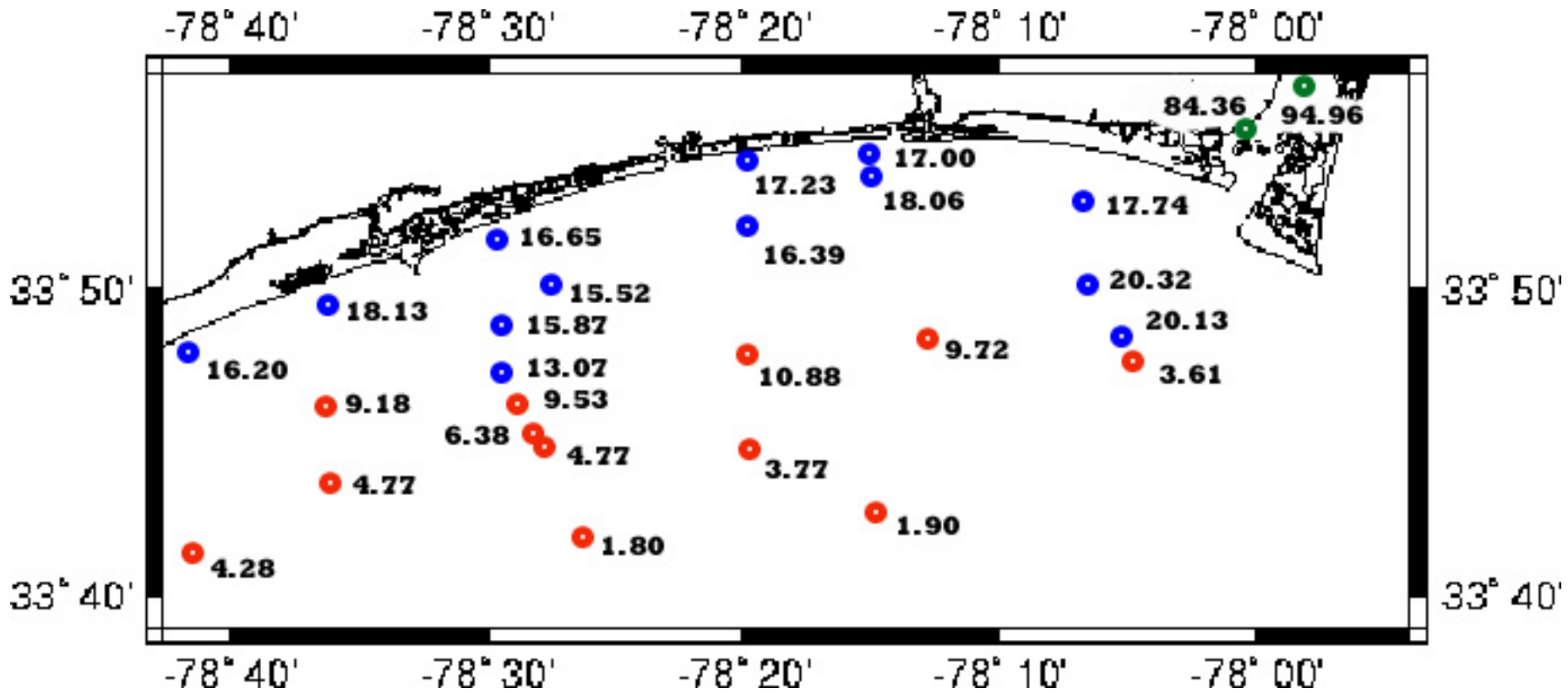
# October 7-8, 1999: Chlorophyll *a*, $\mu\text{g/l}$



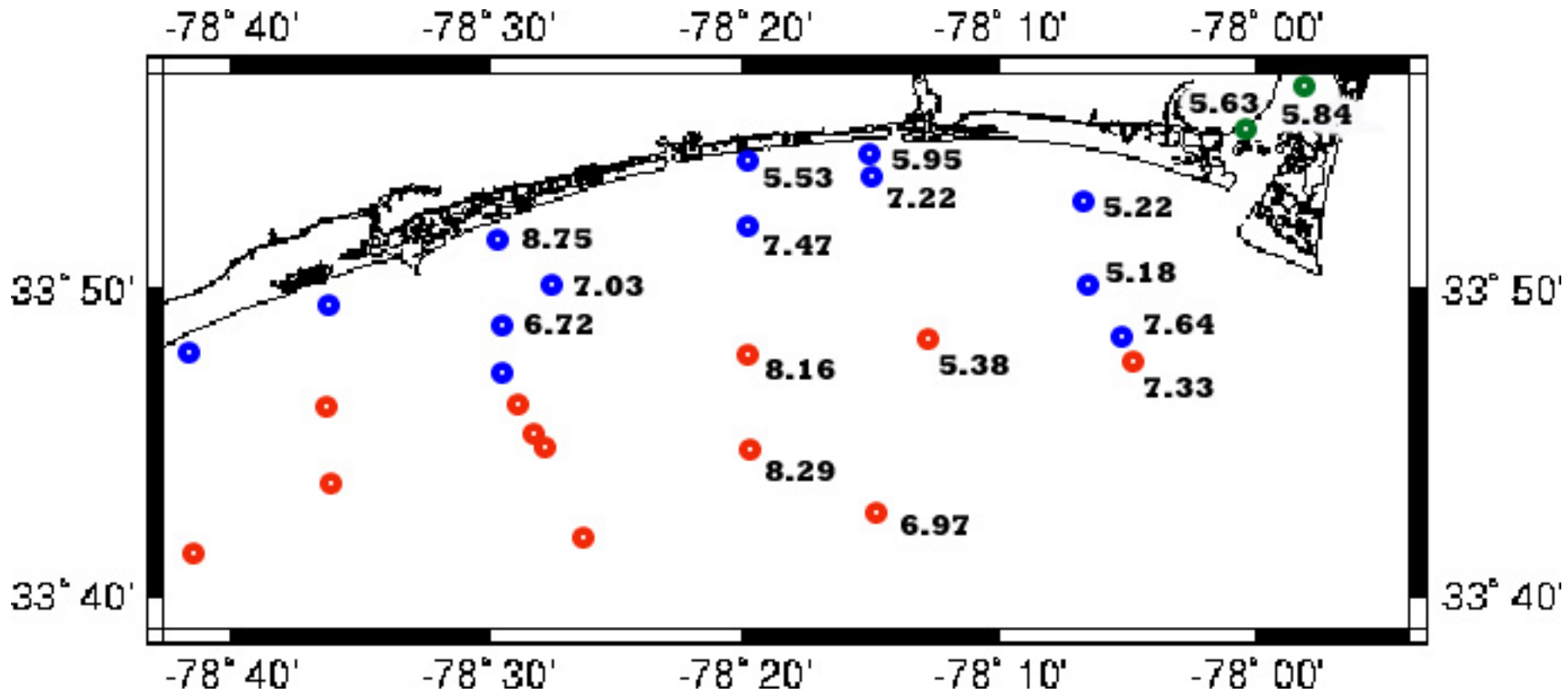
# October 7-8, 1999: Surface Dissolved Oxygen, mg/l



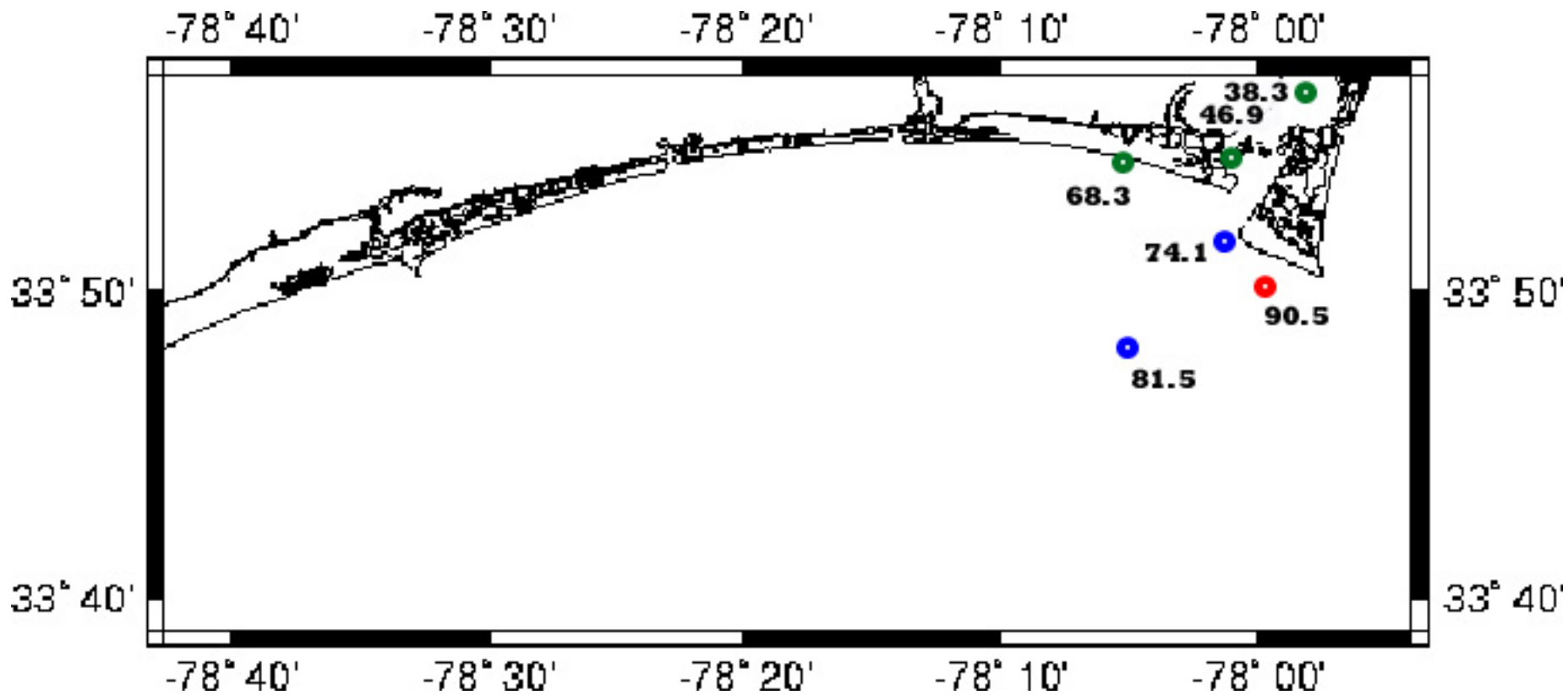
# October 7-8, 1999: Reactive Silicate, $\mu\text{M}$



# October 7-8, 1999: Bottom Dissolved Oxygen, mg/l

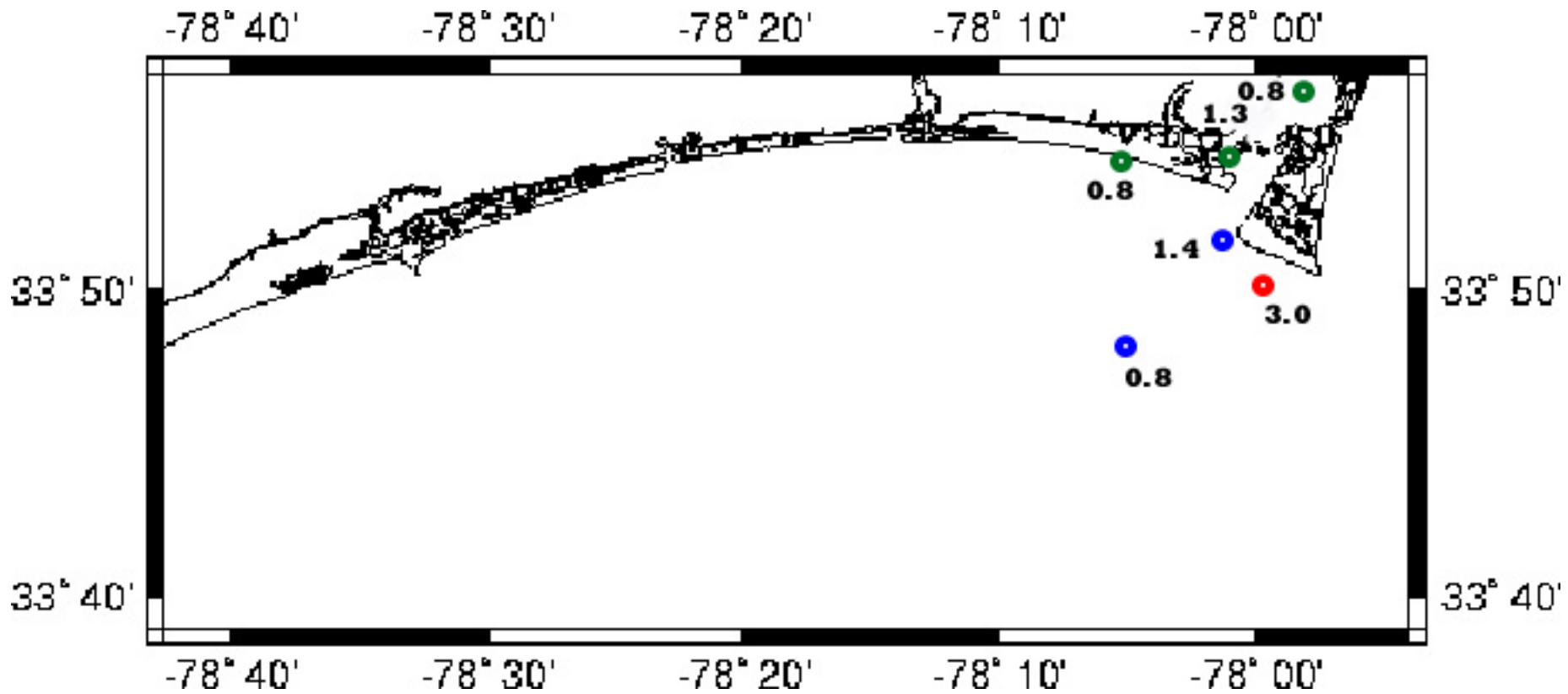


# Sept. 28, 1999: Percent Oxygen Saturation

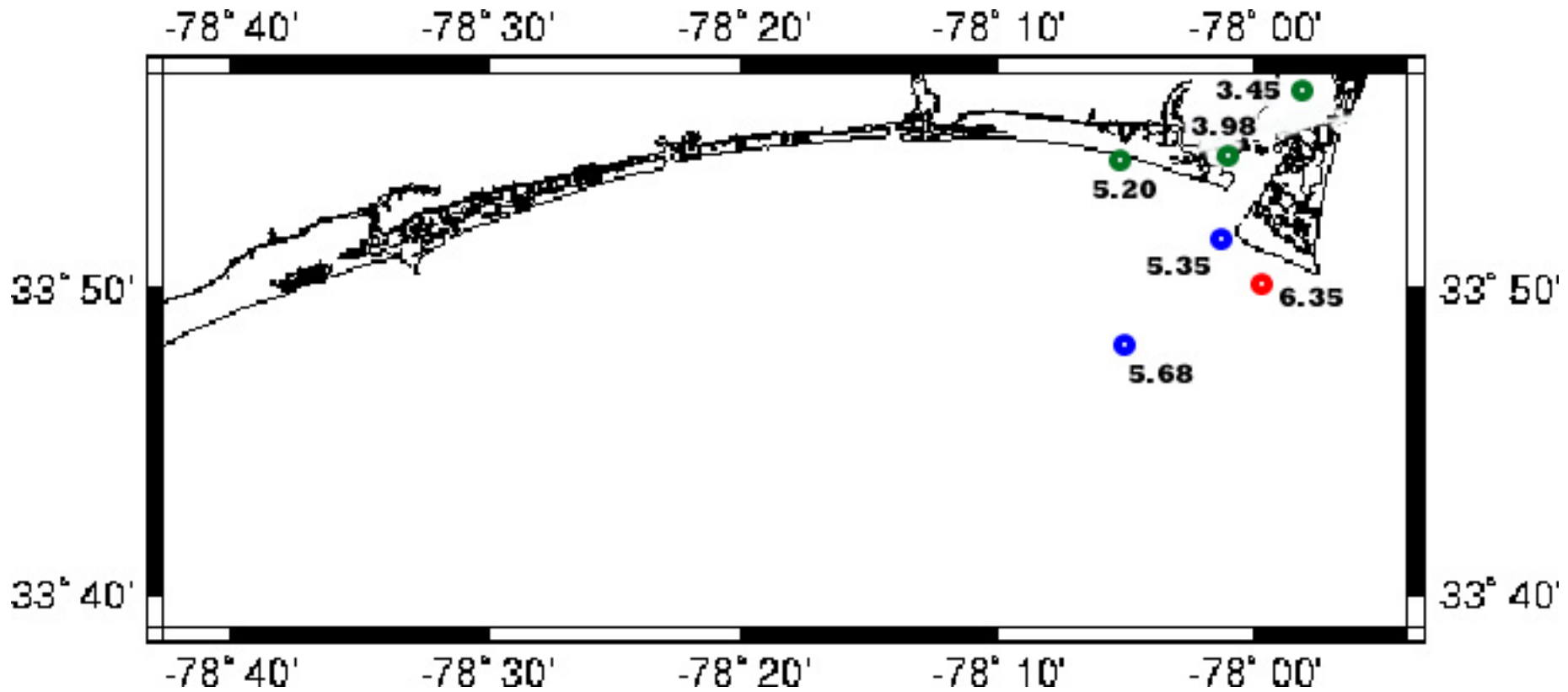




Sept. 28, 1999: Chlorophyll *a*,  $\mu\text{g/l}$



# Sept. 28, 1999: Dissolved Oxygen, mg/l



Sept. 28, 1999: Reactive Silicate,  $\mu\text{M}$

