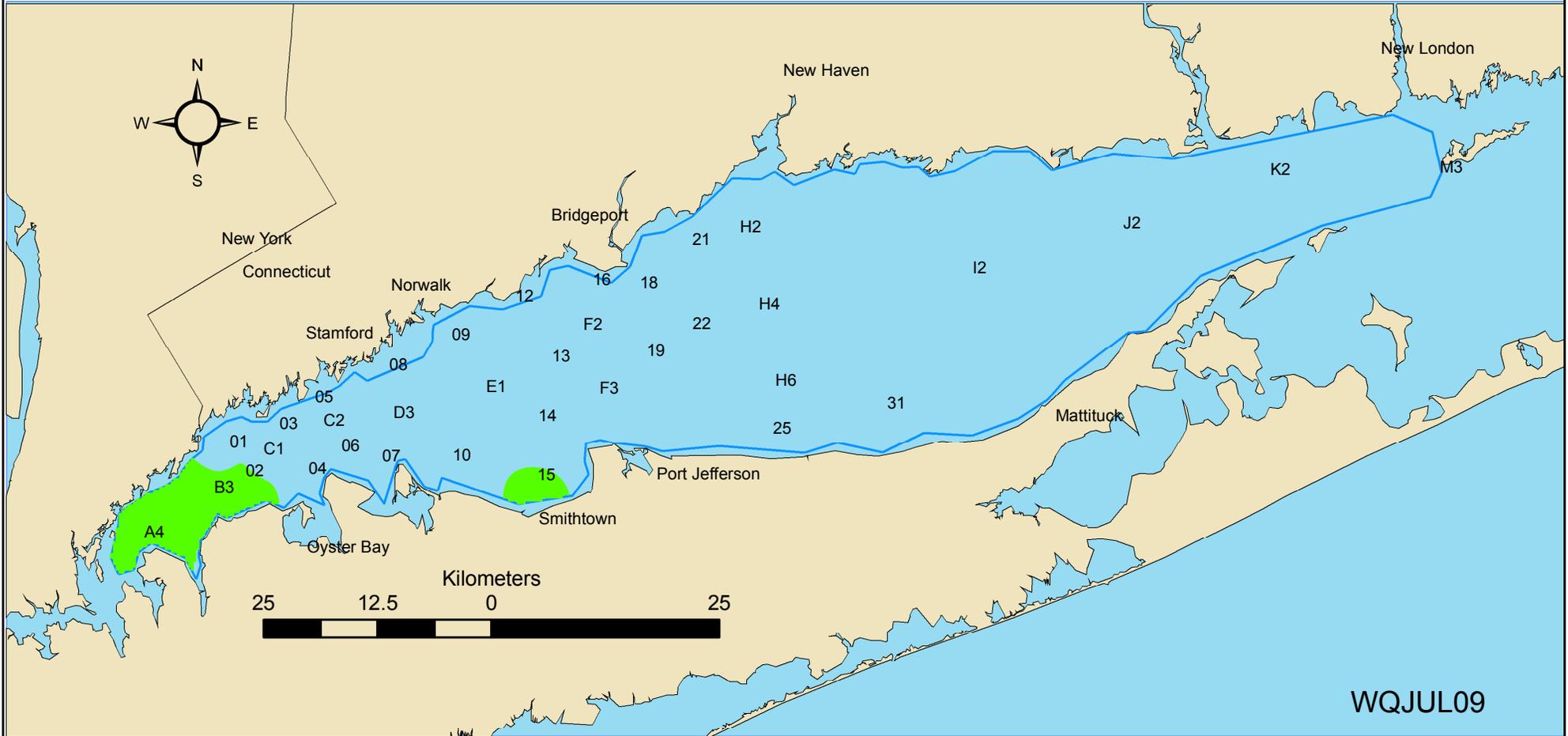


Dissolved Oxygen in Long Island Sound Bottom Waters July 7-9, 2009



WQJUL09

The 2009 July Water Quality Survey was conducted 7-9 July. Thirty-six stations were sampled. Bottom water dissolved oxygen concentrations fell below 4.8 mg/L at four stations, although none fell below 3.5 mg/L. This is an improvement over last year when 10 stations were below 4.8 mg/L and three of those stations were below 3.5 mg/L. The lowest concentration was observed at Station A4 (3.83 mg/L). The area of bottom water with DO concentrations less than 4.8 mg/L is 50.7 square miles (131.2 km²).

Dissolved Oxygen



Severity of impact

Severe
Moderately severe
Moderate
Marginal
Interim management goal
Excellent - Supportive of marine life