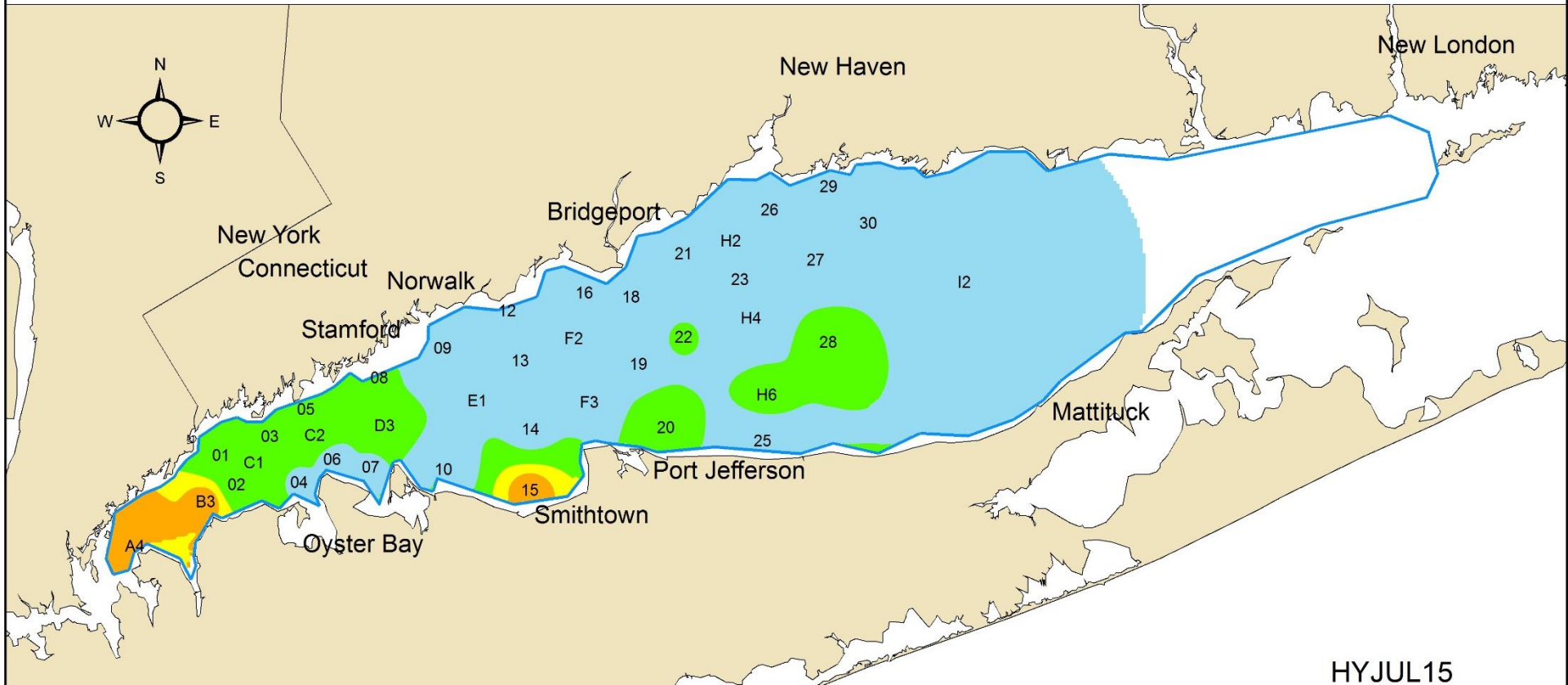




# Dissolved Oxygen in Long Island Sound Bottom Waters

## 20-23 July 2015



HYJUL15

The 2015 July Hypoxia Survey (HYJUL15) was conducted July 20-23 aboard the R/V John Dempsey. A total of 39 stations were sampled. Bottom water dissolved oxygen concentrations fell below 4.8 mg/L at 16 stations compared to only one station in 2014 and 18 stations in 2013. Three stations were below 3.0 mg/L as opposed to 2014 when all stations were above 3.0 mg/L. Our area estimates found 554.6 sq km (214.1 sq mi) below 4.8 mg/L and of that, 76.2 sq.km. (29.4 sq.mi.) were what we classify as moderate hypoxia below 3.0 mg/L.

Dissolved Oxygen	Severity of impact
0.0 - 0.99	Severe
1.0 - 1.99	Moderately severe
2.0 - 2.99	Moderate
3.0 - 3.49	Marginal
3.5 - 4.79	Interim management goal
4.8+	Excellent - Supportive of marine life