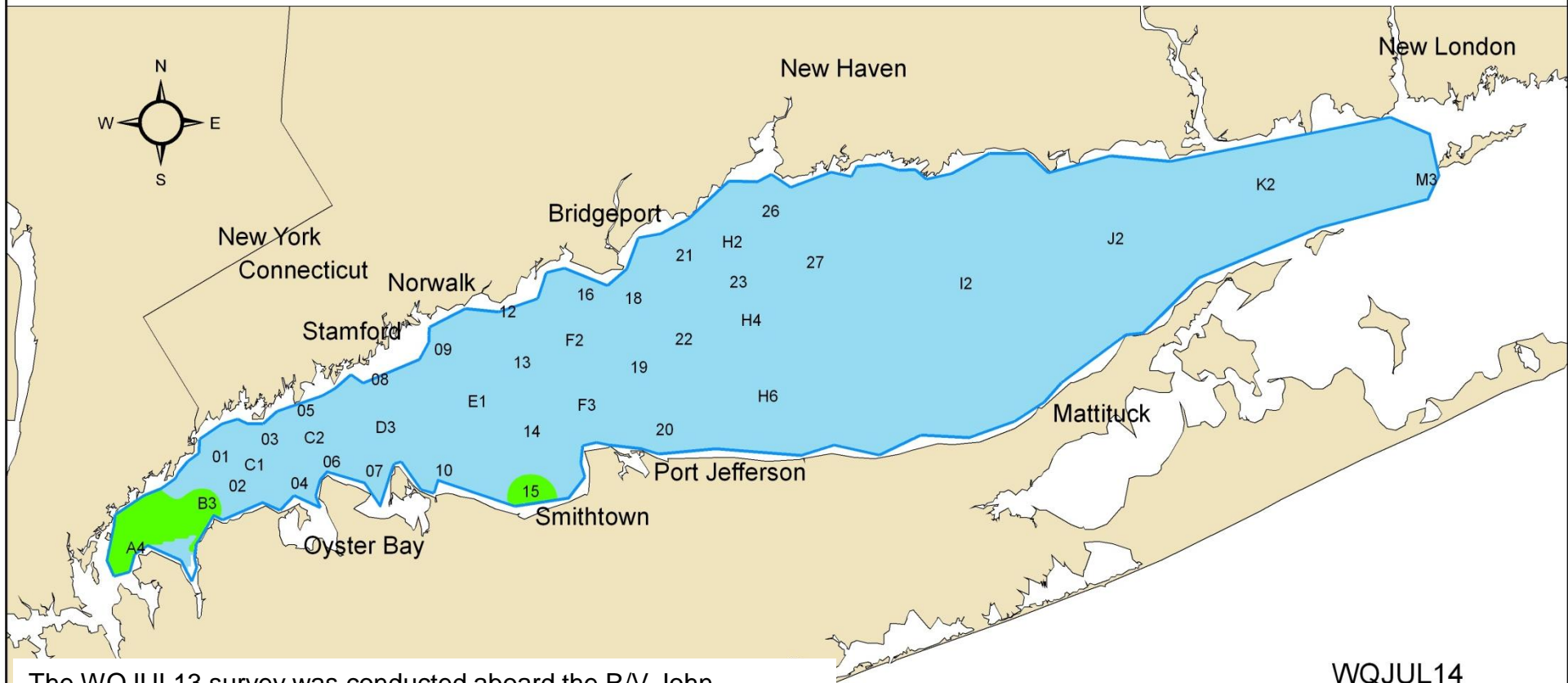
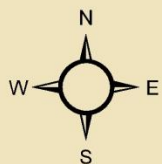




# Dissolved Oxygen in Long Island Sound Bottom Waters June 30 – July 2, 2014



The WQJUL13 survey was conducted aboard the R/V John Dempsey. A total of 38 stations were sampled. Dissolved oxygen concentrations at all stations remained above 3.0 mg/L; this was comparable to this time last year and in 2012. In 2011 three stations were already hypoxic. The lowest DO level recorded was 3.91 at station A4. In 2013 station A4 also exhibited the lowest DO concentration at 3.56 mg/L. All other values observed were above 4.0 mg/L. Our area estimates found 78.4 sq km ( 30.3 sq mi) below 4.8 mg/L and 0.0 sq mi below 3.5.

WQJUL14

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