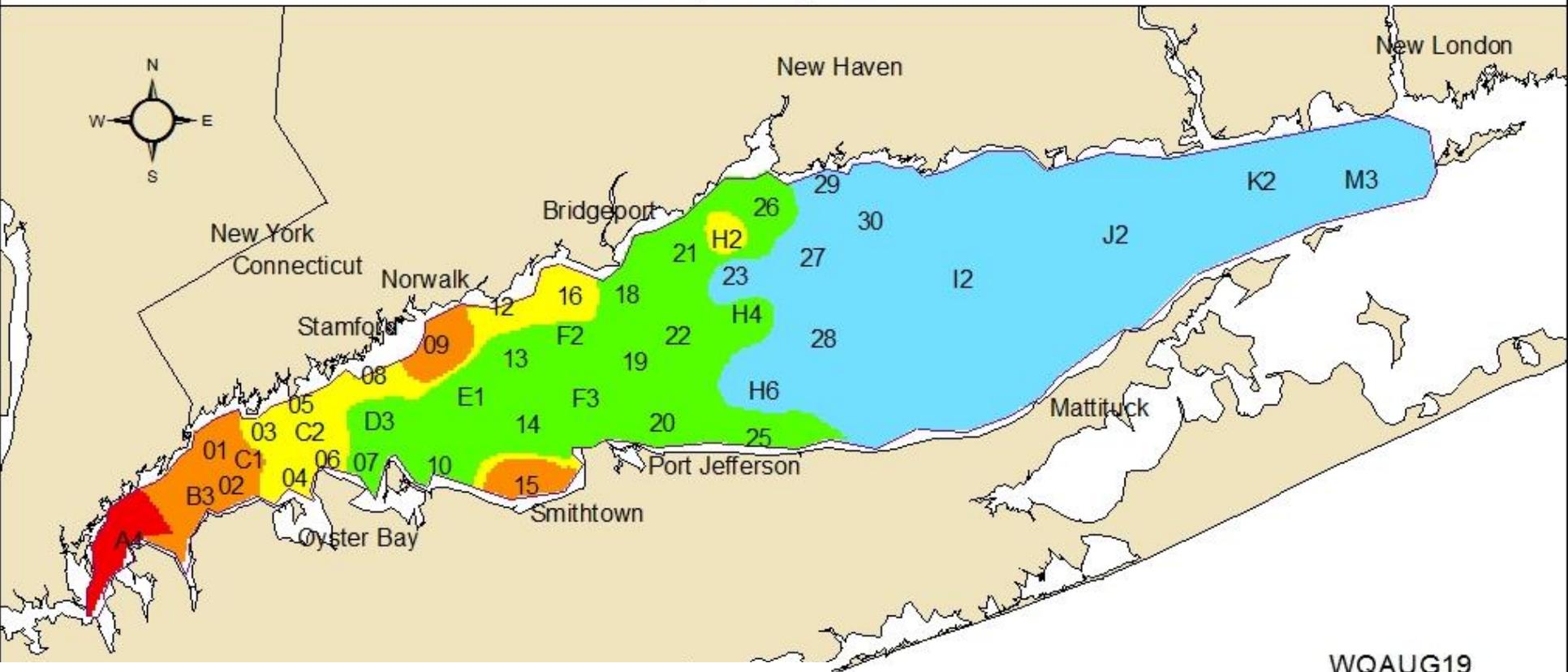




Dissolved Oxygen in Long Island Sound Bottom Waters

29 July - 1 August 2019



WQAUG19

The WQAUG19 survey was conducted July 29 -August 1st, 2019 aboard the R/V John Dempsey. 42 stations were sampled. The lowest dissolved oxygen recorded during this survey was at Station A4 with a concentration of 1.29 mg/ L. Six additional stations were below 3.0 mg/L and a total of 32 stations were below 4.8 mg/L.

There were 231.6 km² of bottom water that had DO concentrations less than 3.0 mg/L during the WQAUG19 survey. An additional 987.2 km² of bottom water had concentrations less than 4.8 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