

Kilmakilloge Harbour

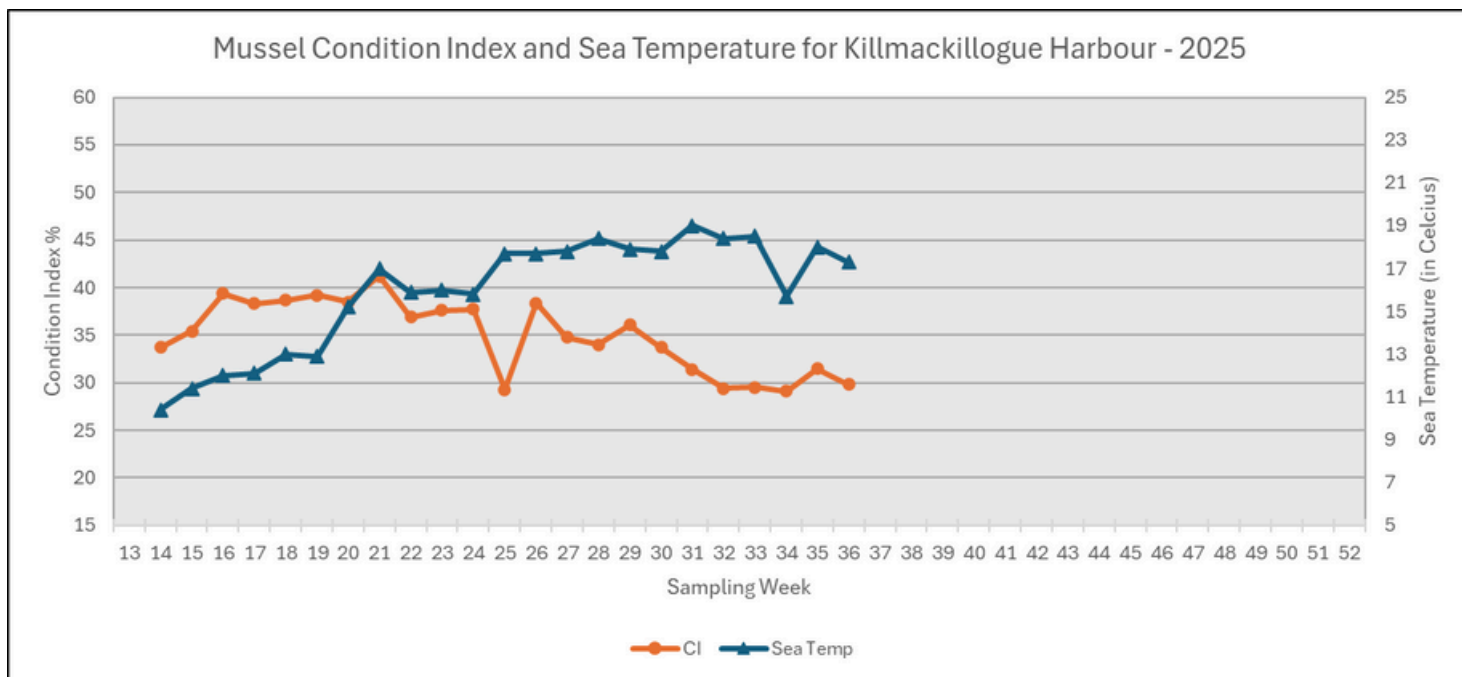
Southwest Mussel Larvae sampling

8th September 2025

Week 36 (1/09/2025 to 7/09/2025)

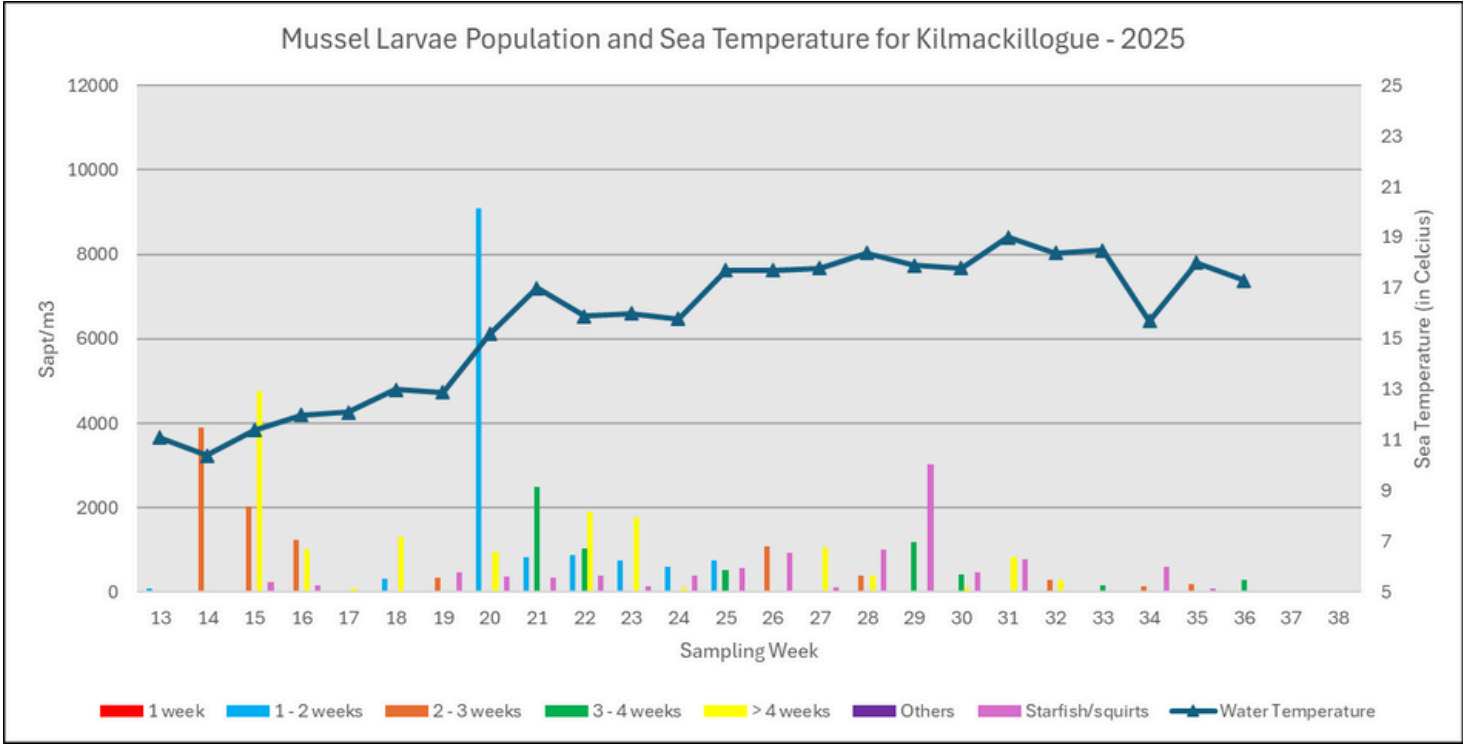


Condition Index (CI) for Kilmakilloge Harbour



Larvae population evolution for Kilmackilloge Harbour

For each sample, mussel larvae are classed by age: 1 week old, 1 to 2 weeks old, 2 to 3 weeks old, 3 to 4 weeks old, 3 to 4 weeks old, over 4 weeks old and others (younger or older).



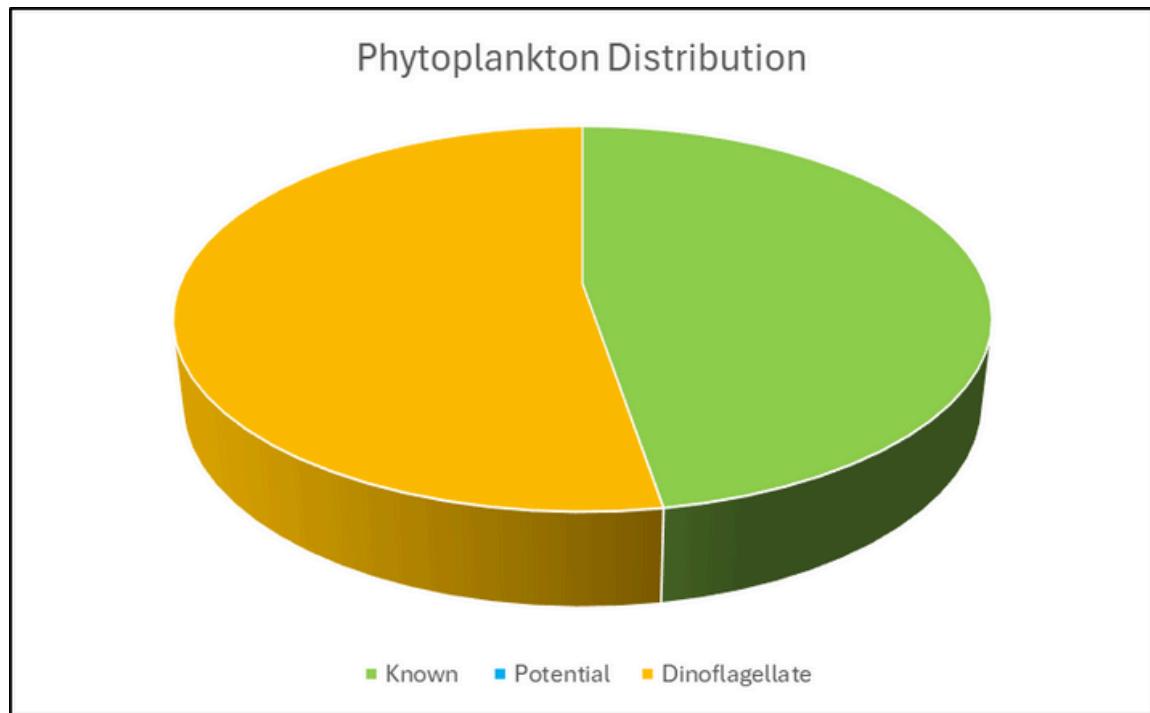
Commentary

The Condition Index (CI) decreased on Week 36 (down by 1.7% to 29.8%). The sea temperature slightly decreased to 17.3°C (-0.7°C from Week 35).

The larvae concentration in the sample indicates a further increase in Week 36 with 291 spat/m³ composed of 3 to 5 weeks old larvae. **Some partial settlement could be expected in the next 1 to 2 weeks.**

No sea squirts were observed in the sample. The sample presented a high level of debris and high levels of copepods, while a second bivalve species was present in a moderate concentration. The phytoplankton biomass was low, dominated by *Coscinodiscus*.





The phytoplankton concentration decreased in Week 36, down to 1,520 cells/litre, dominated by dinoflagellate (53%) and known food source species (47%).

