

BIO-FISH Data set
Rotoiti Lake, New Zealand
25 February 2004

For collecting data was programmed a path following a set of GPS coordinates for the different basins. The data collected with BIO-FISH was completed with CTD casts in the deepest point in order to reach a complete range in depth.

The BIO-FISH has been running weekly in Rotoiti Lake, and it is being running for these days in Rotorua Lake as well.

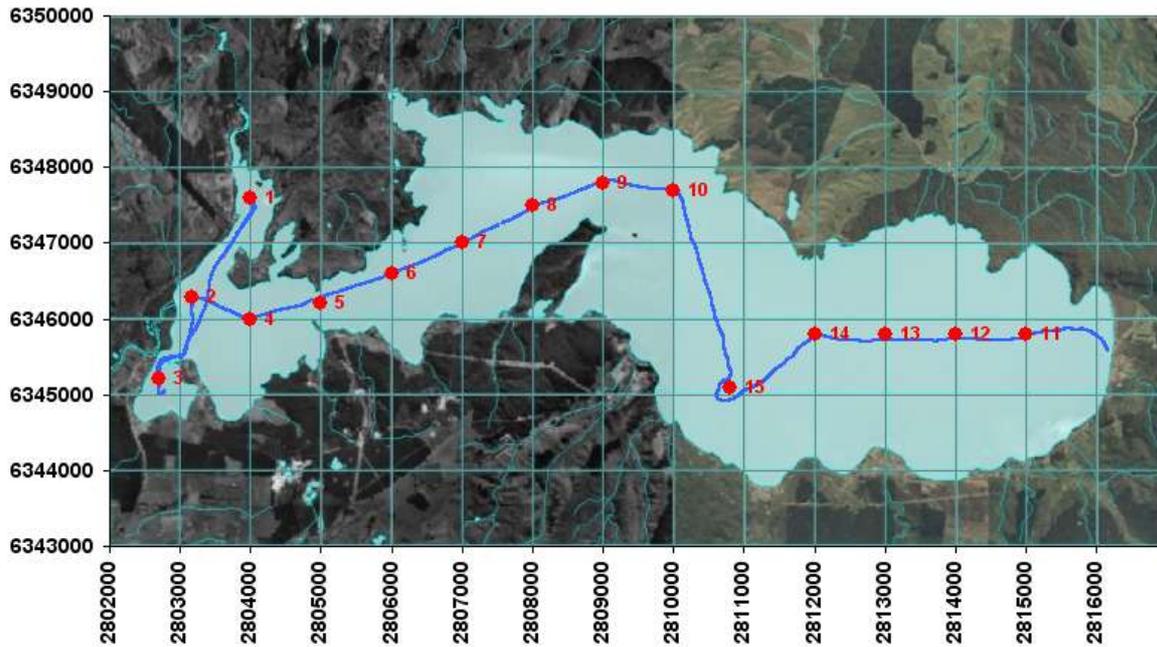


Figure 1.
GPS Waypoints programmed and actual path followed

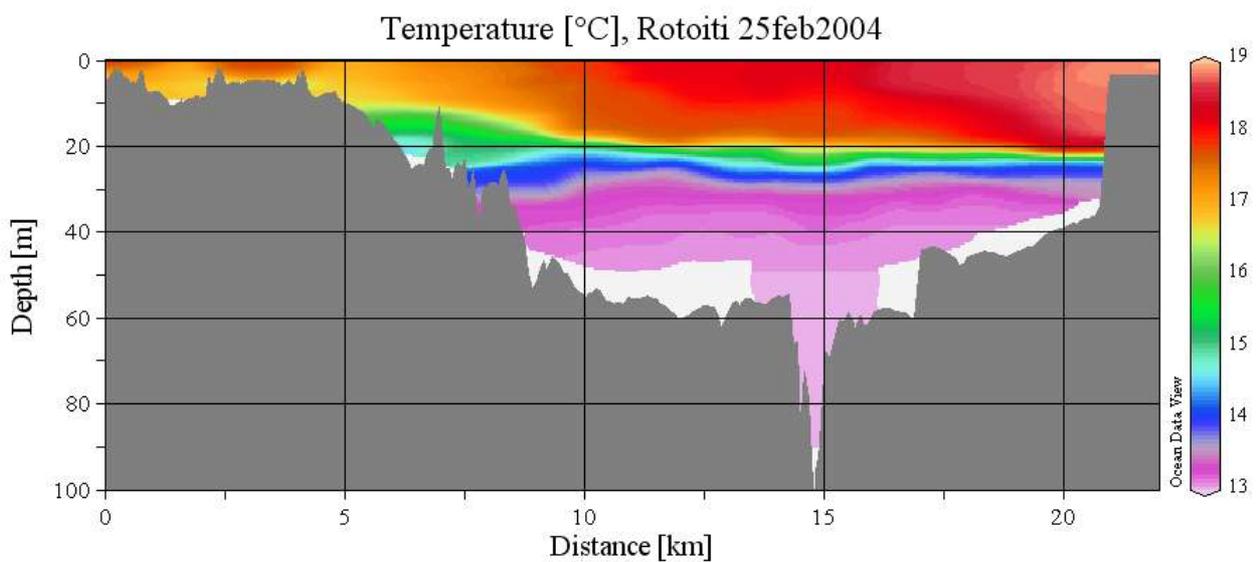


Figure 2.
Thermal structure of the cross section of Lake Rotoiti

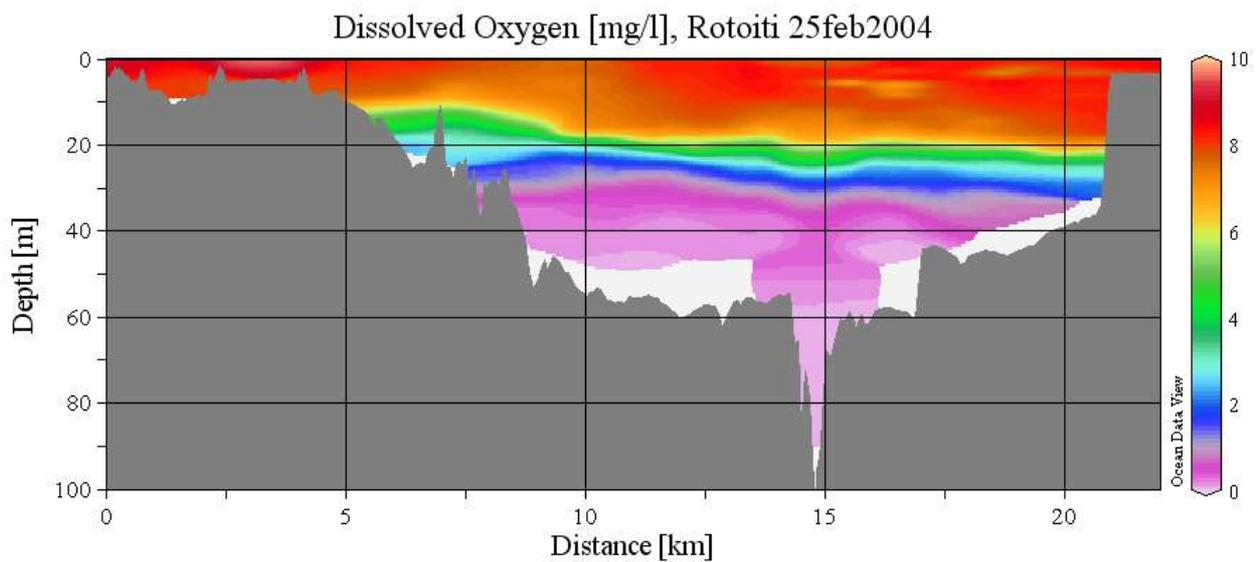


Figure 3.
Dissolved Oxygen structure of the cross section of Lake Rotiti

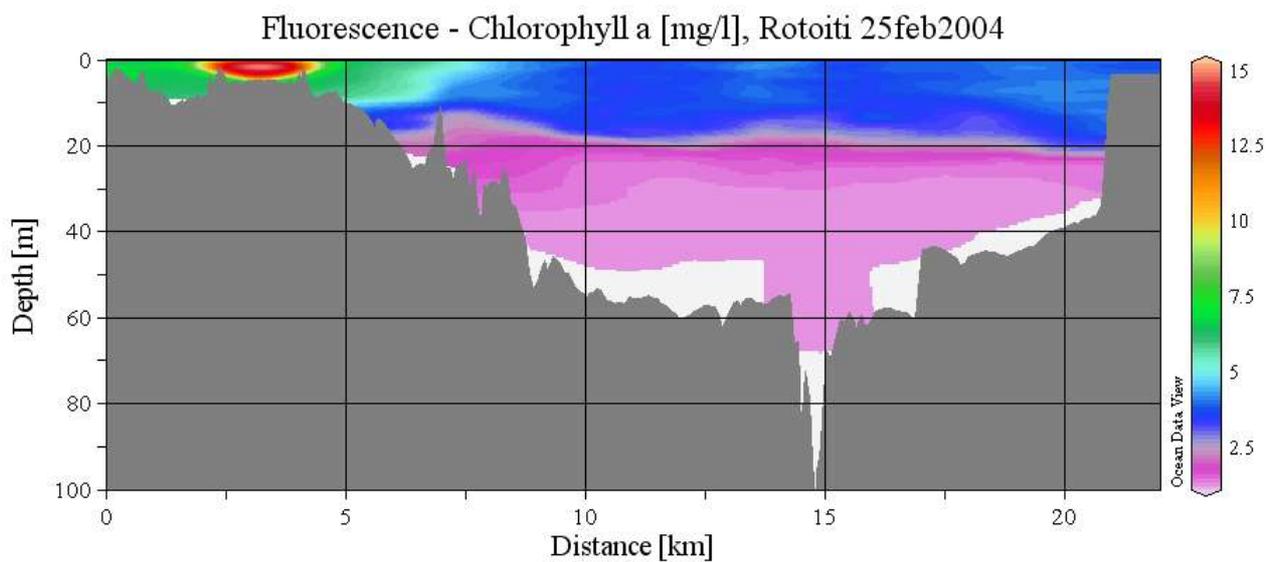


Figure 4.
Fluorescence – Chlorophyll a structure of the cross section of Lake Rotiti

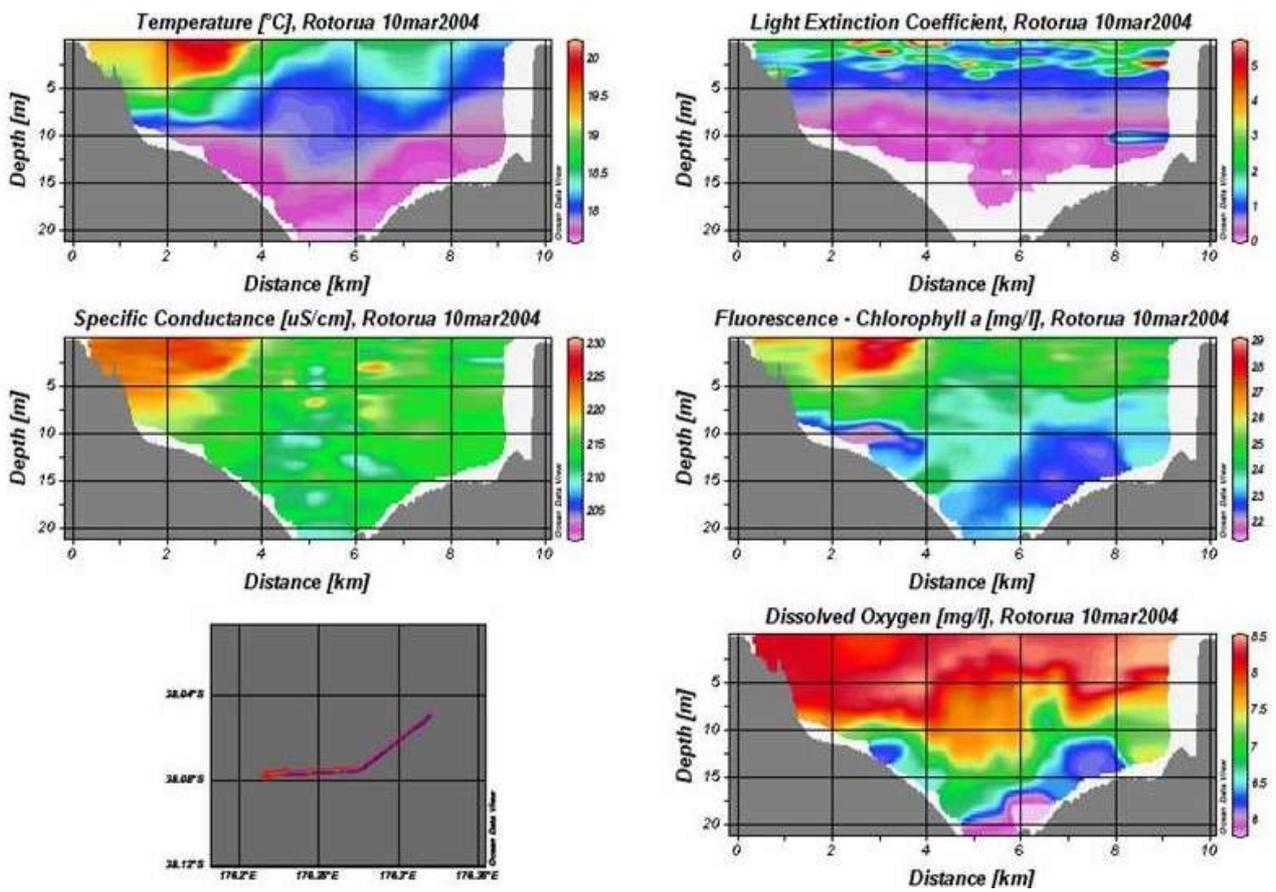


Figure 5.

Temperature, Light Extinction Coefficient, Specific Conductance, Fluorescence – Chlorophyll a and Dissolved Oxygen in a cross section of Rotorua Lake.