How to read glider contour plots

An Example of a single trip out and partially back from MBARI in Monterey Bay for the Spray glider with plots of water temperature

Variable being measured and plotted

Temperature (°C)

Transect start date

02/03/2012

Depth range over which the glider sampled

~14 deg

~5 deg

Temperature range in degrees Celsius (warmest water=red)

Date of last profile

02/16/2012

Glider transect beginning 500+ km offshore of Monterey Bay and travelling onshore

Transect end date

02/03/2012

Glider transect beginning from nearshore Monterey Bay and travelling 500+ km offshore

Temperature indicated by plot colors

Example of a thermocline (large change in temperature over a small depth range)

Position of glider relative to starting point

Transect start date

01/09/2012

Transect end date

01/09/2012