

OCE Testing

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```
library(oce)
```

```
## Warning: package 'oce' was built under R version 4.3.1
```

```
## Loading required package: gsw
```

```
library(ocedata)
```

```
data(ctd) # Example data to practice OCE functions
```

Intro to OCE

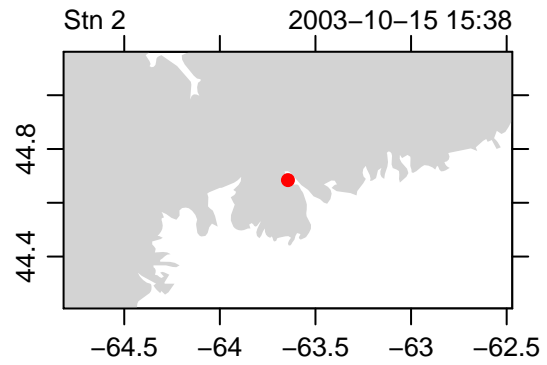
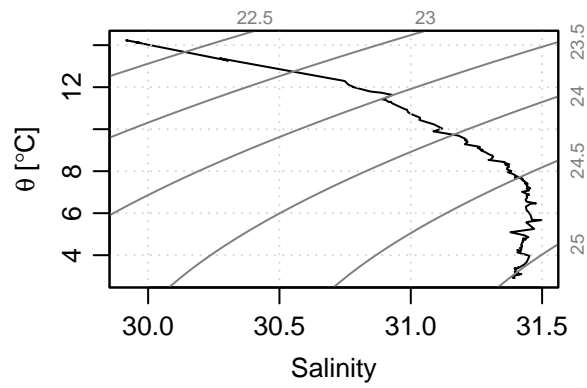
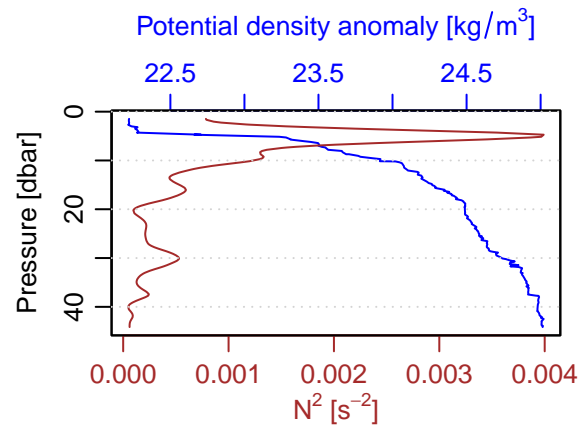
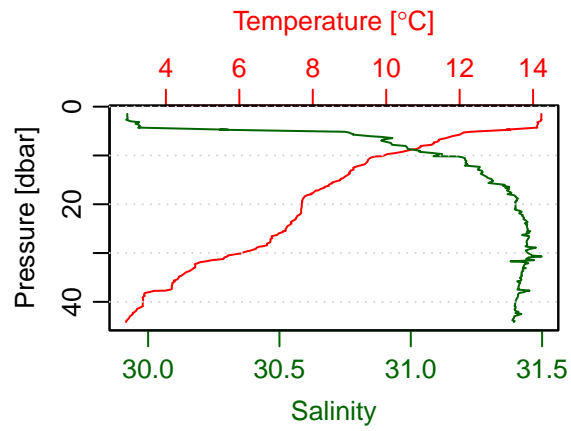
- OCE is a package designed to plot common types of oceanographic data
- There are more updated versions on GitHub, but I installed with default CRAN because `remotes::install_github("dankelly/oce", ref = "develop")` didn't work.

Links

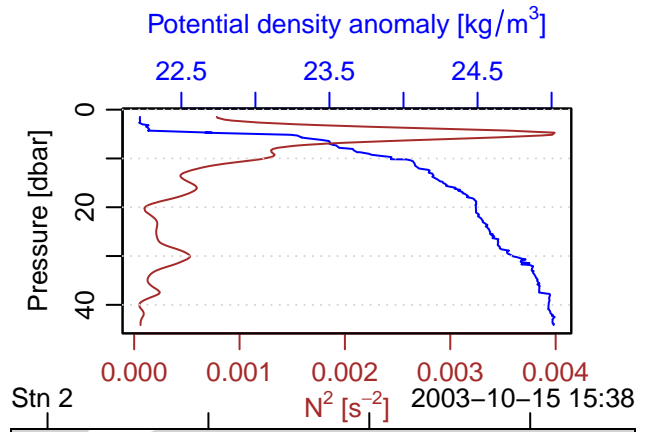
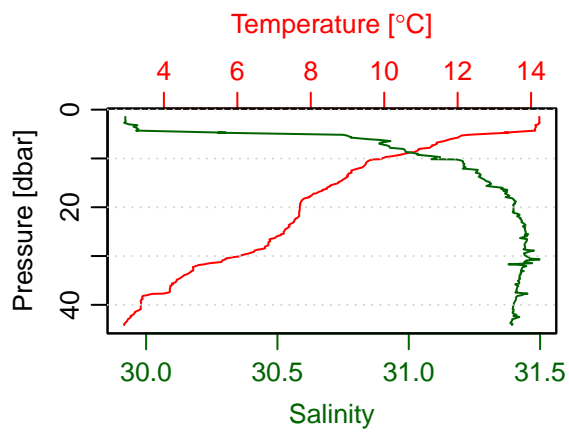
- OCE Website
- OCE on CRAN
- OCE on GitHub

Examples from the README

```
oce::plot(ctd, which=c(1,2,3,5), type="l", span=150)
```

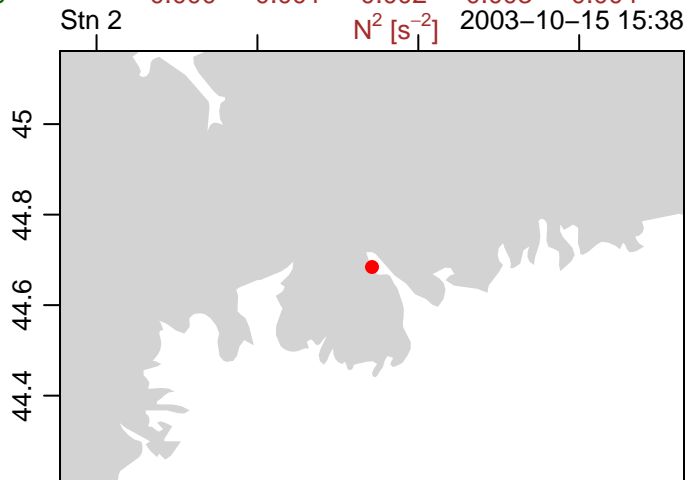


```
oce::plot(ctd, which=c(1,2,4,5), type="l", span=150)
```



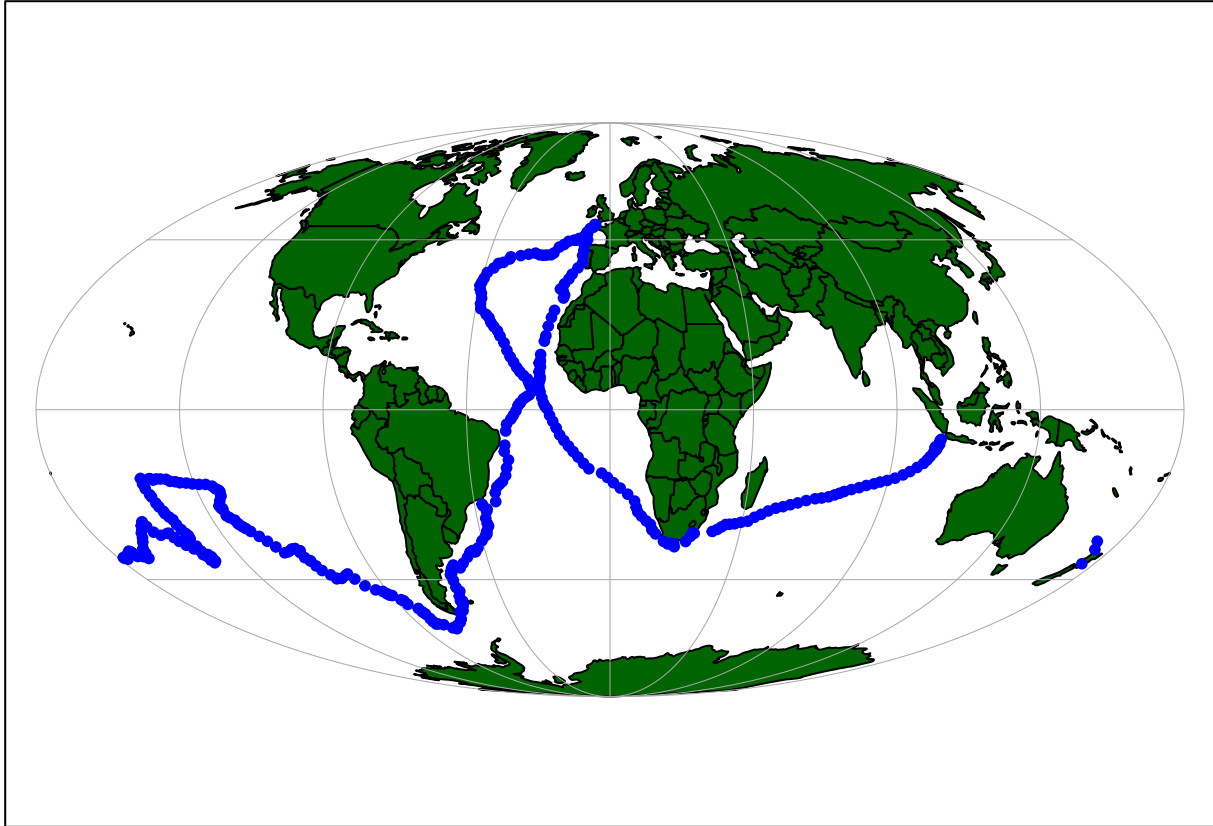
Station: Stn 2
 File: /Users/kelley/git/oce/create_data/ctd/ctd.cnv
 Scientist:
 Institute:
 Date: 2003-10-15 11:38:38
 Ship: Divcom3
 Cruise: Halifax Harbour
 Station: Stn 2

 Location: 44.6843N 63.6439W



```

par(mar=rep(0.5, 4))
data(endeavour, package="ocedata")
data(coastlineWorld, package="oce")
mapPlot(coastlineWorld, col="darkgreen")
mapPoints(endeavour$longitude, endeavour$latitude, pch=20, col="blue")
  
```



CTD Practice