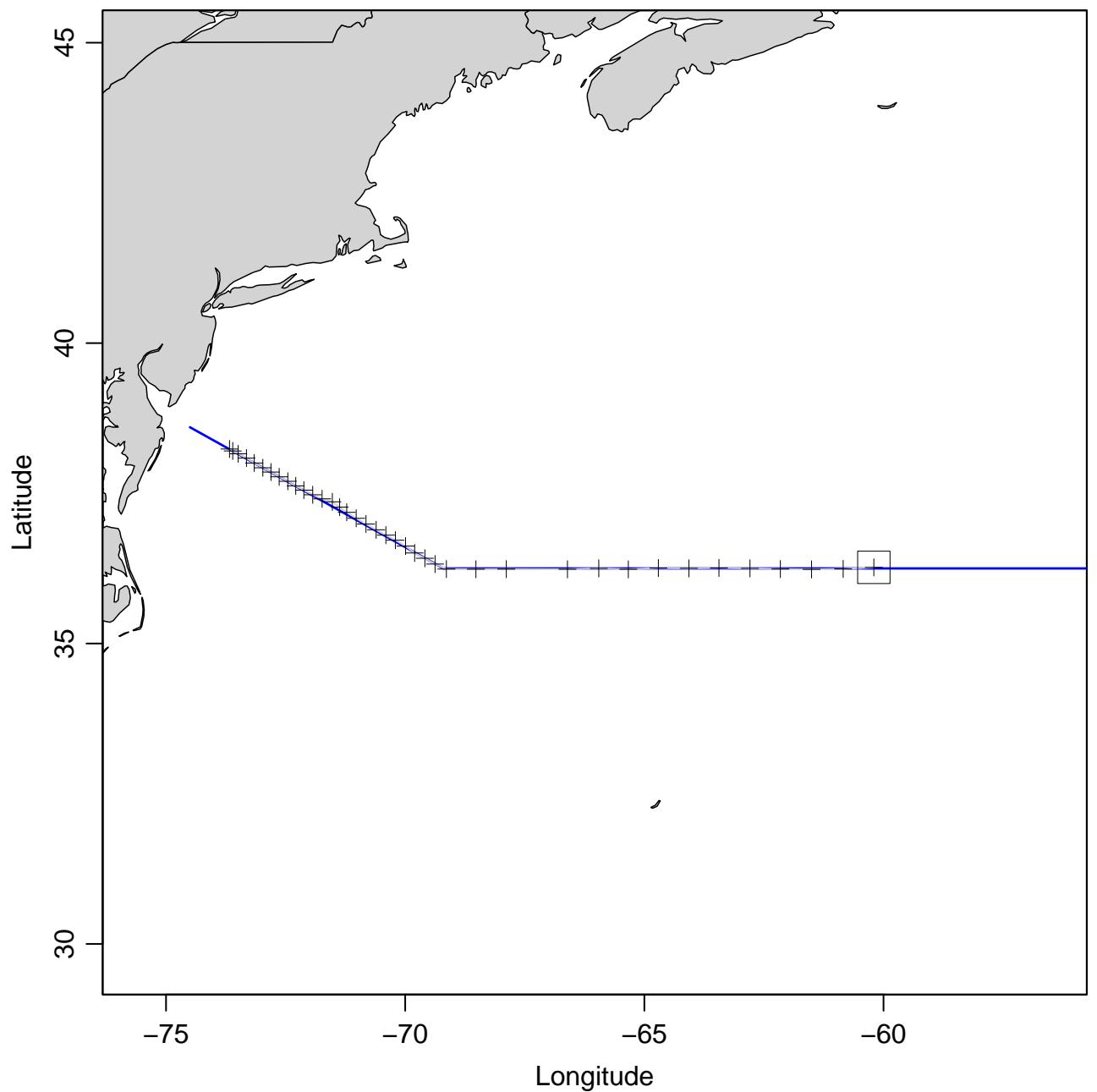
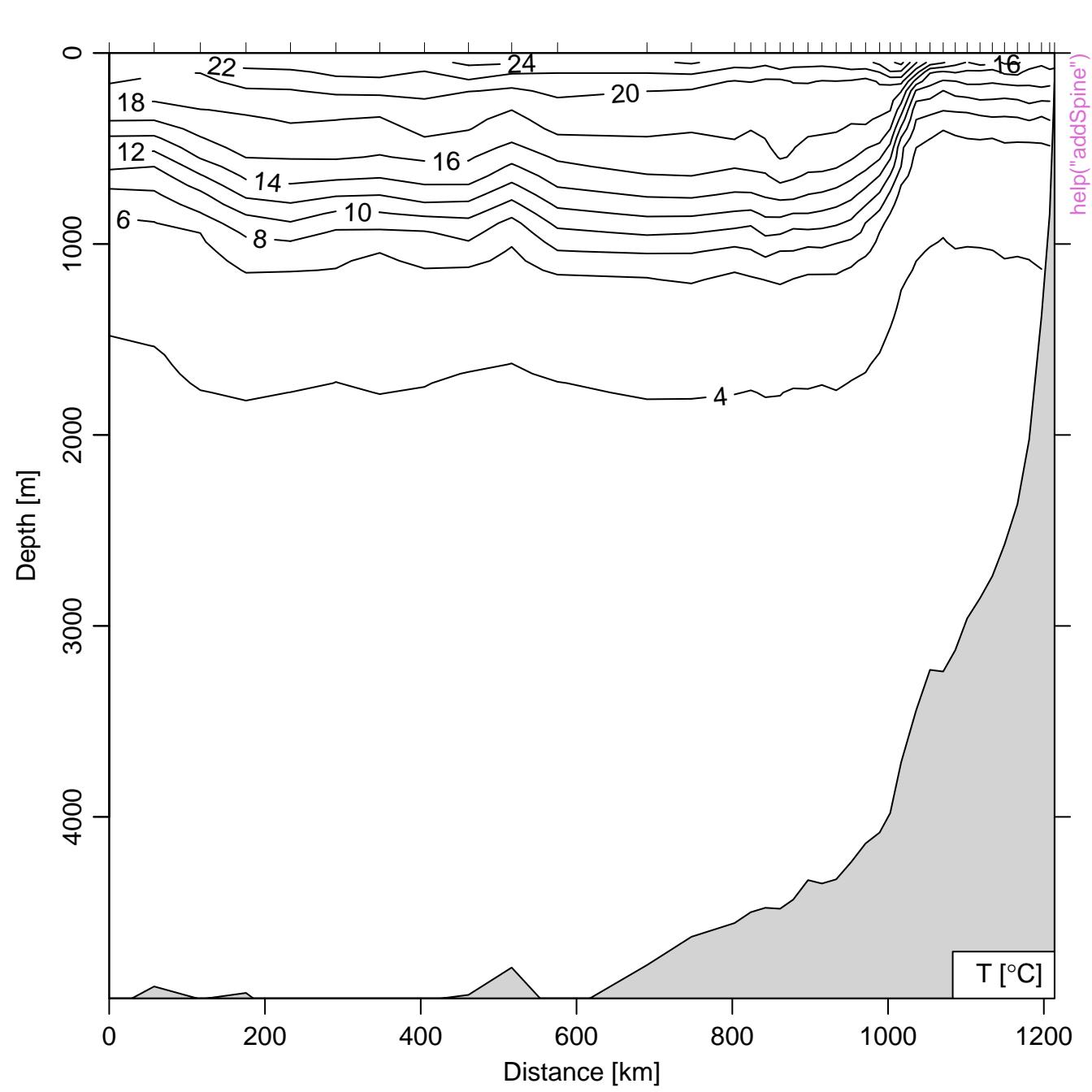
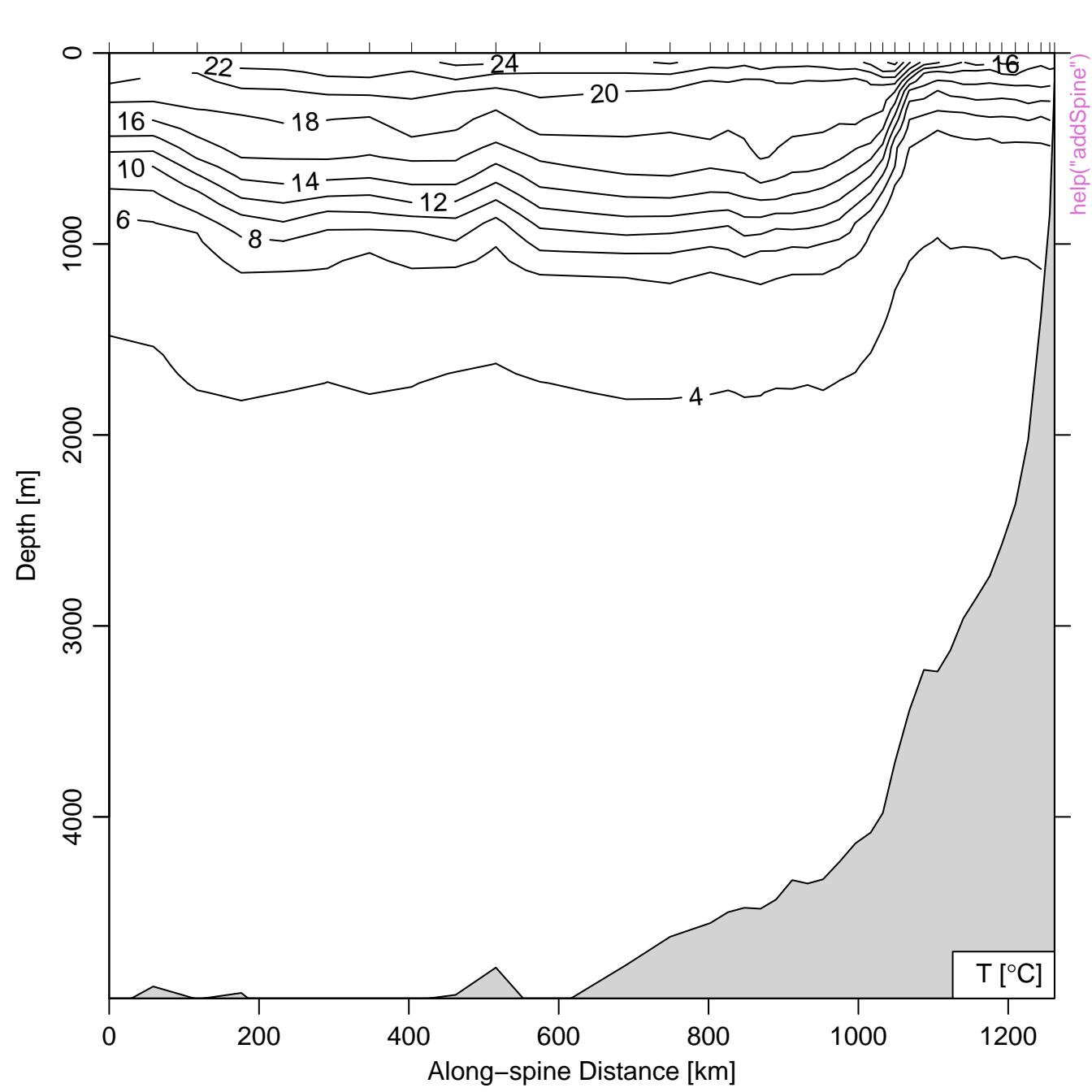


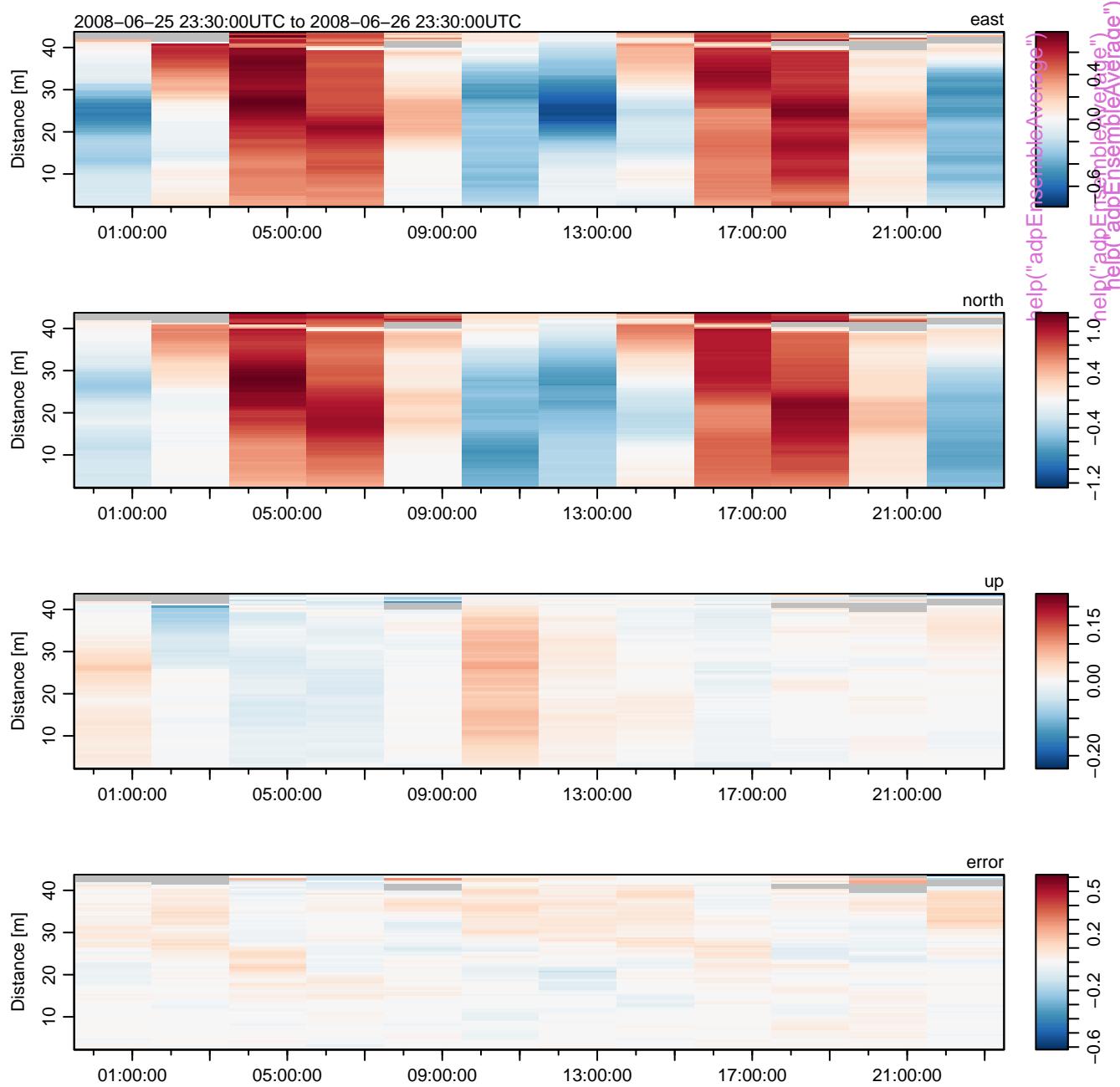
help("CTD_BCD2014666_008_1_DN.ODF.gz")

help("addSpine")

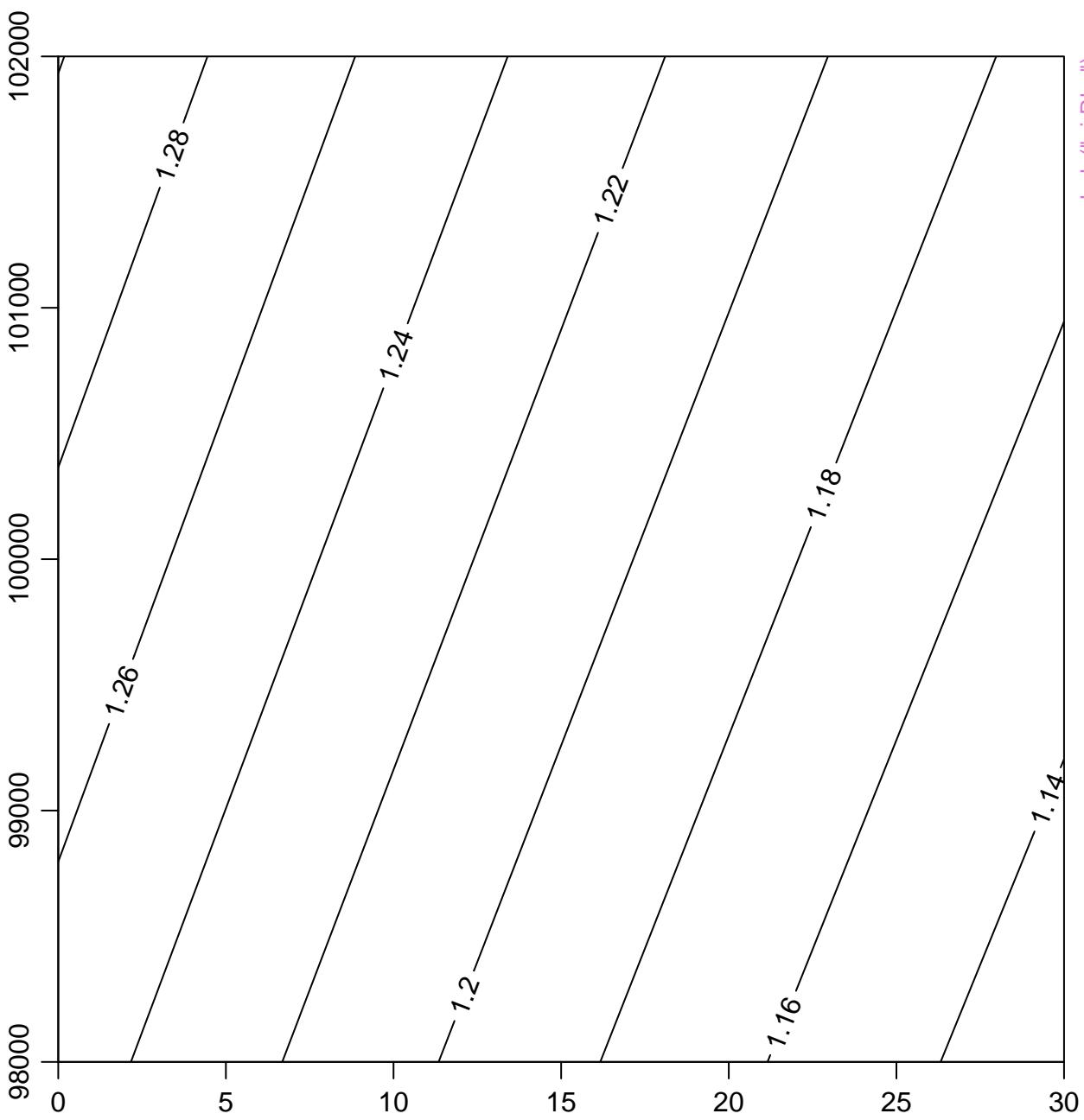


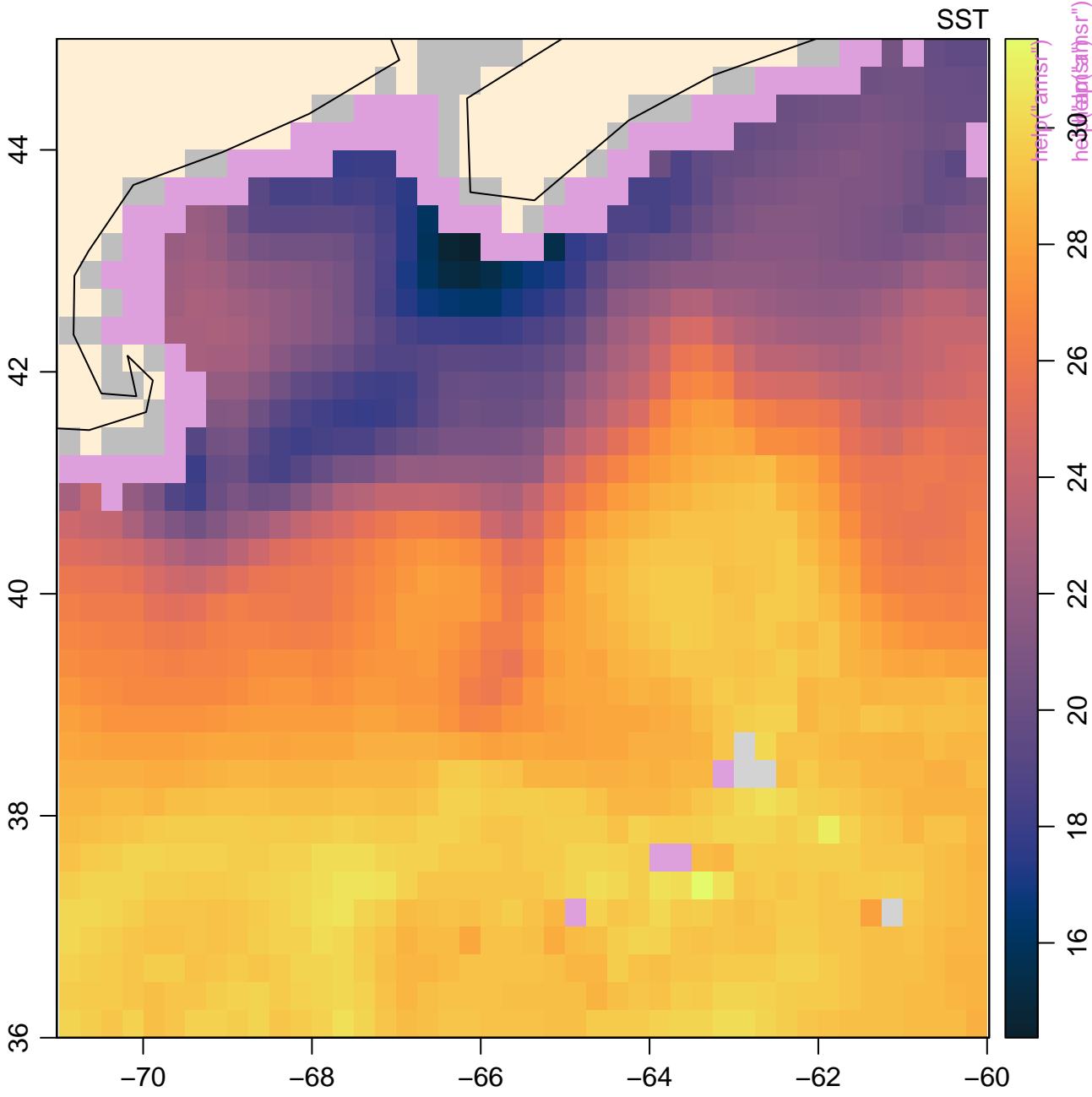




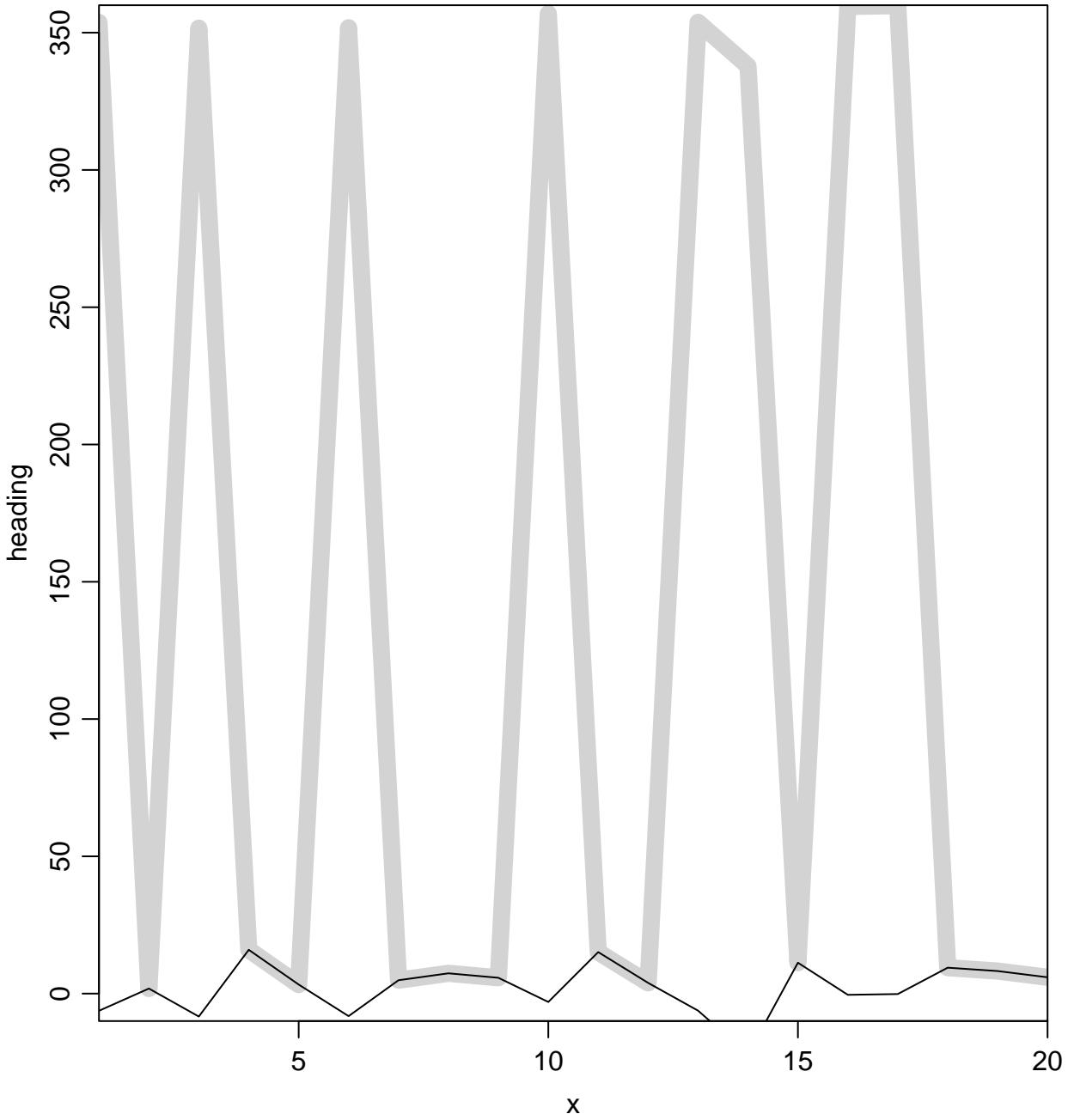


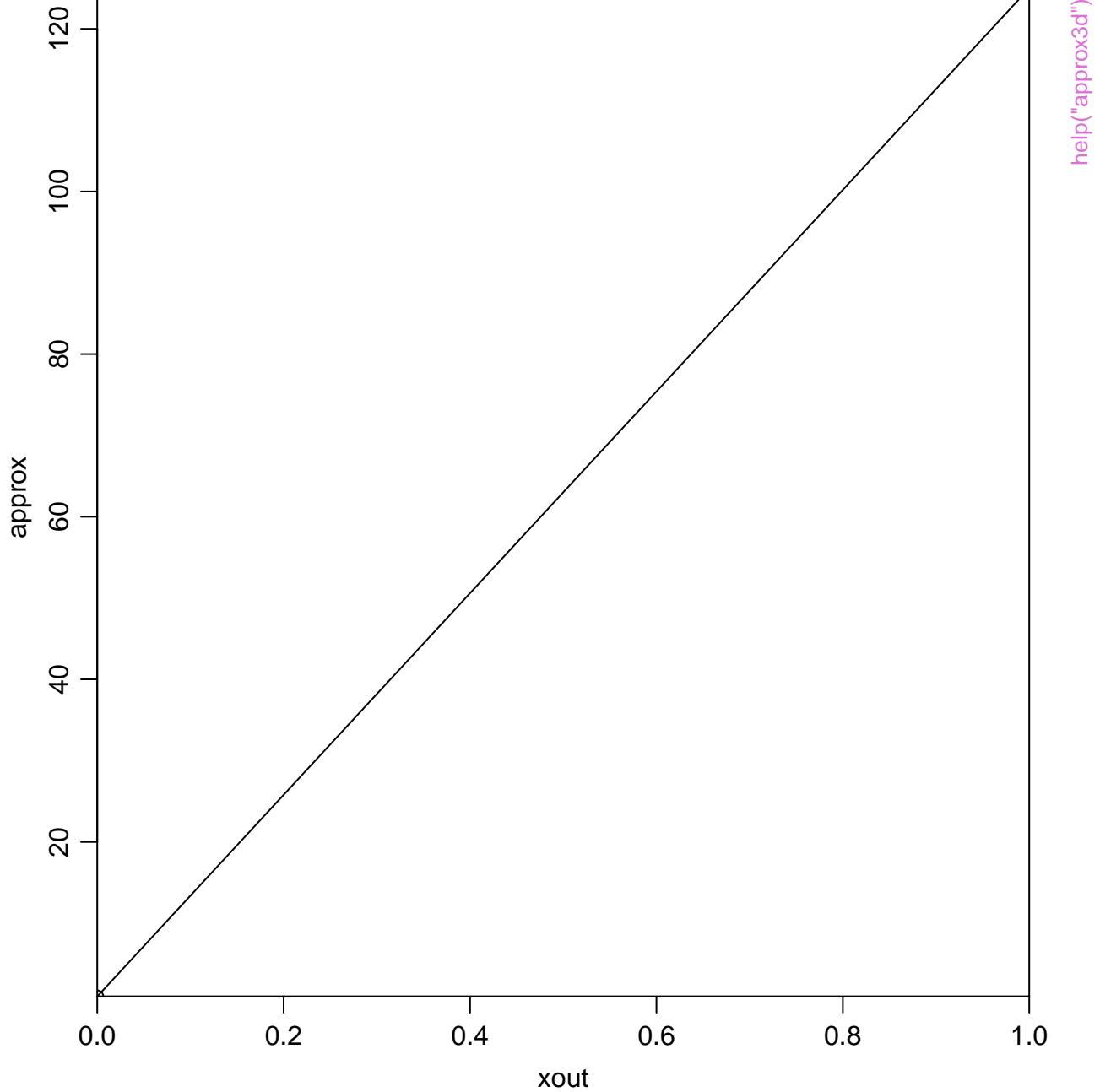
help("airRho")





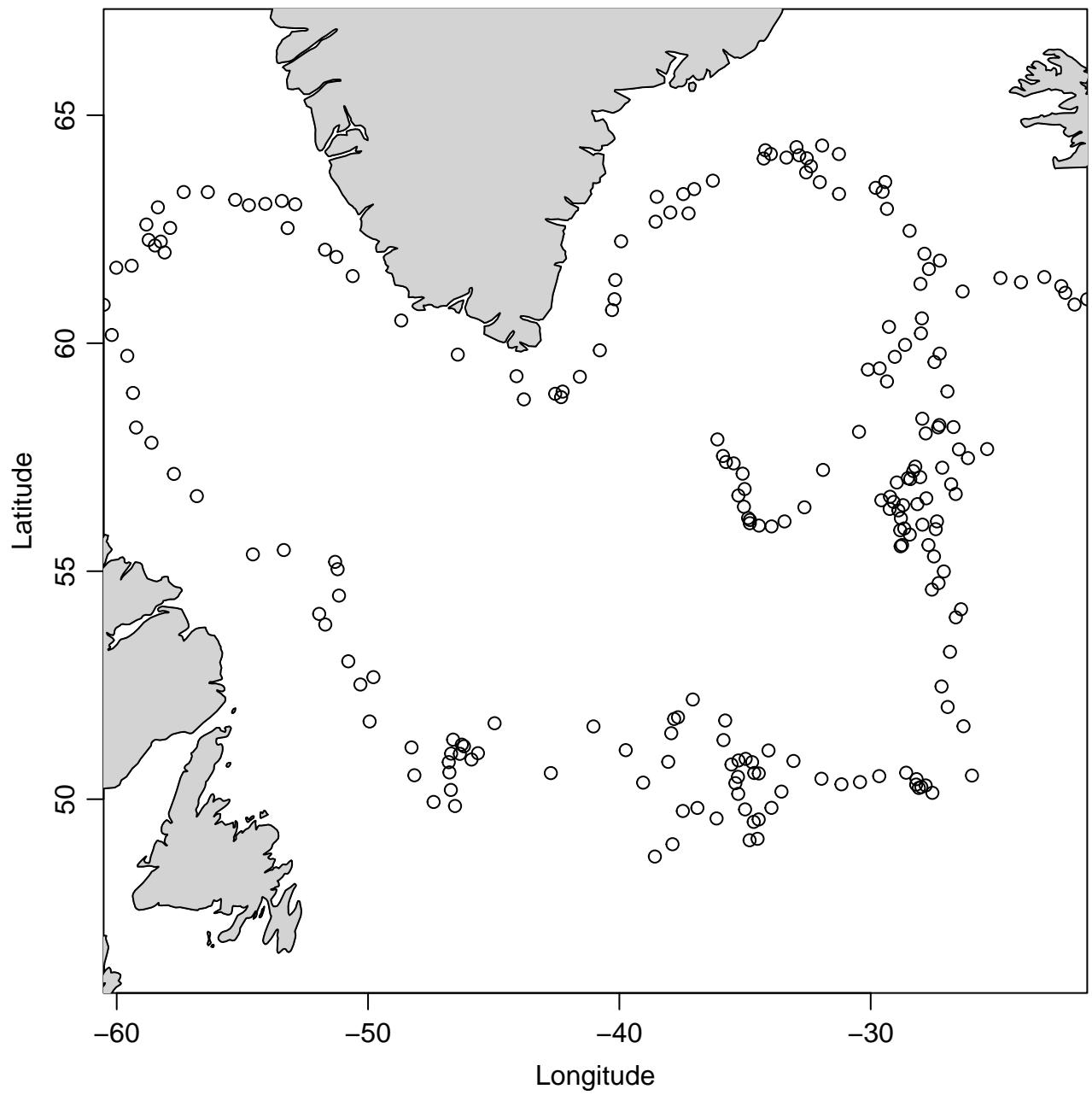
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help("angleRemap")
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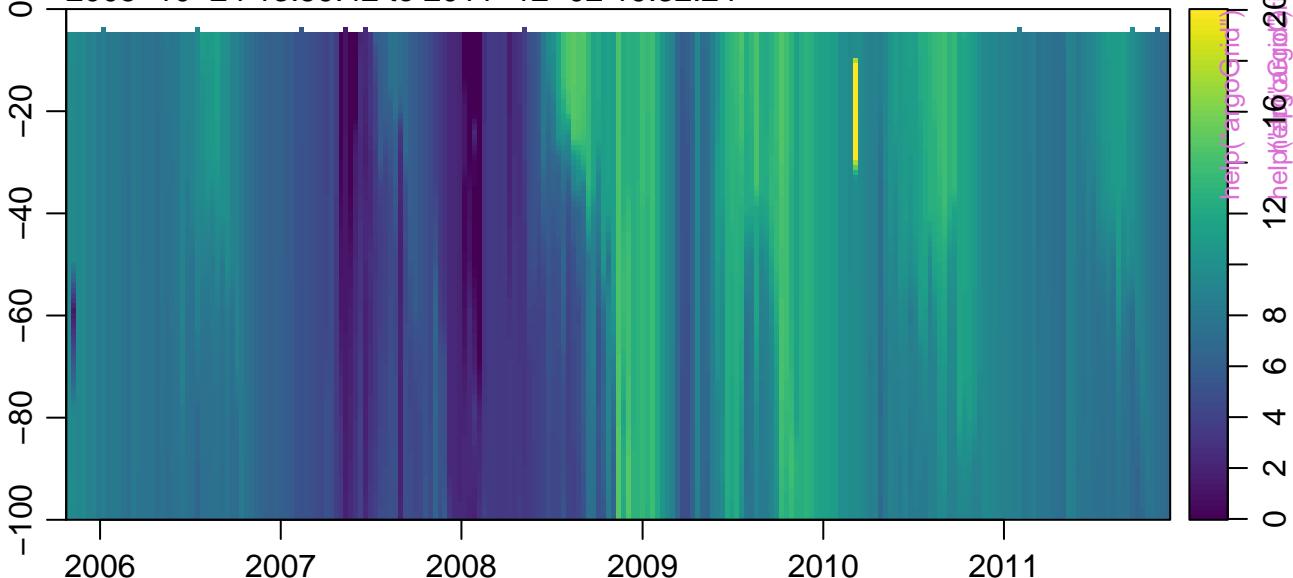


help("approx3d")

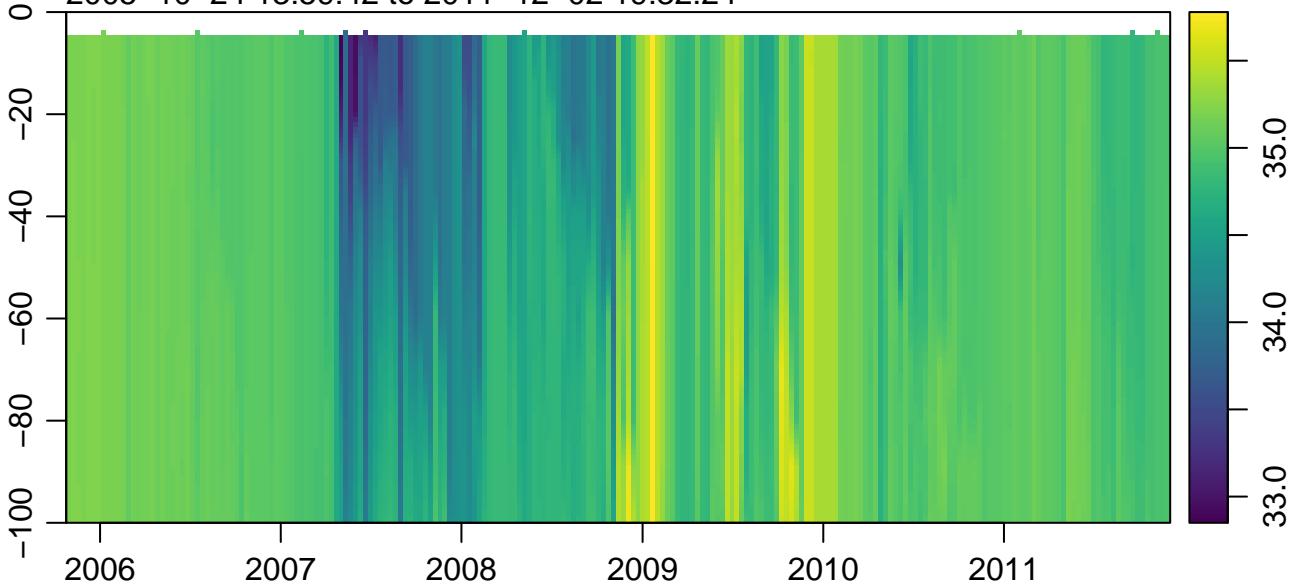
help("argo")



2005-10-24 13:59:42 to 2011-12-02 19:32:24

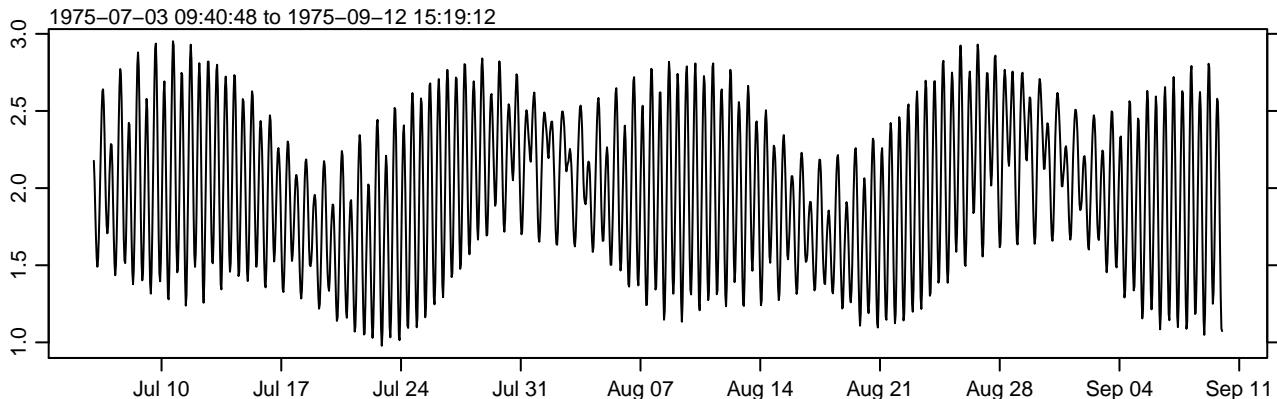


2005-10-24 13:59:42 to 2011-12-02 19:32:24



1975-07-03 09:40:48 to 1975-09-12 15:19:12

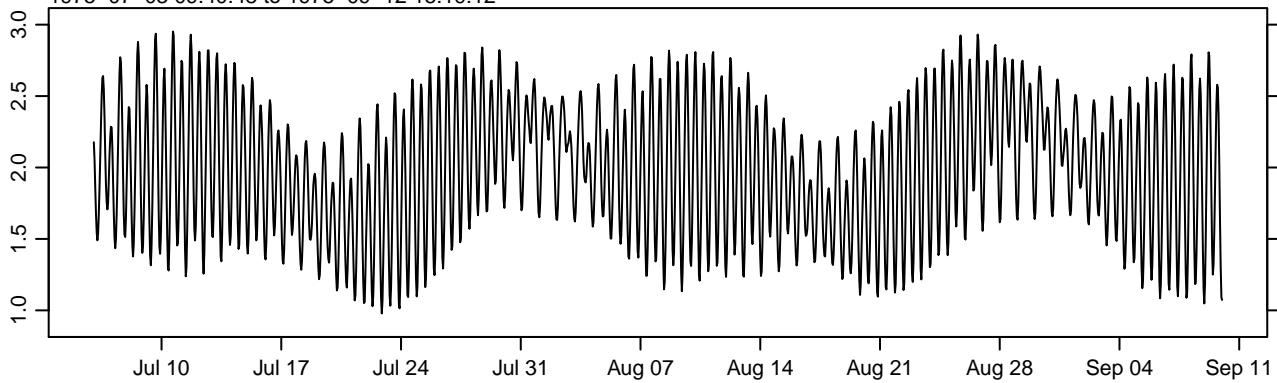
p0



help(easystarterdem())

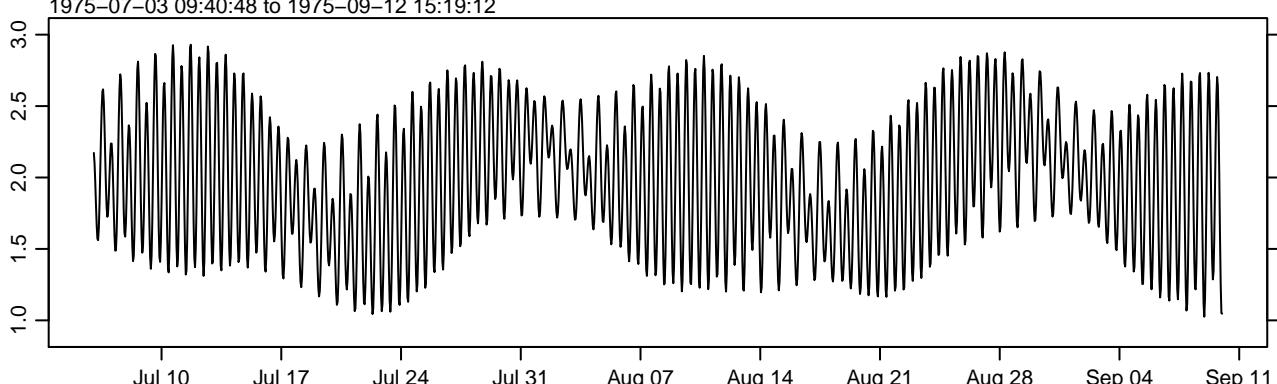
1975-07-03 09:40:48 to 1975-09-12 15:19:12

p1

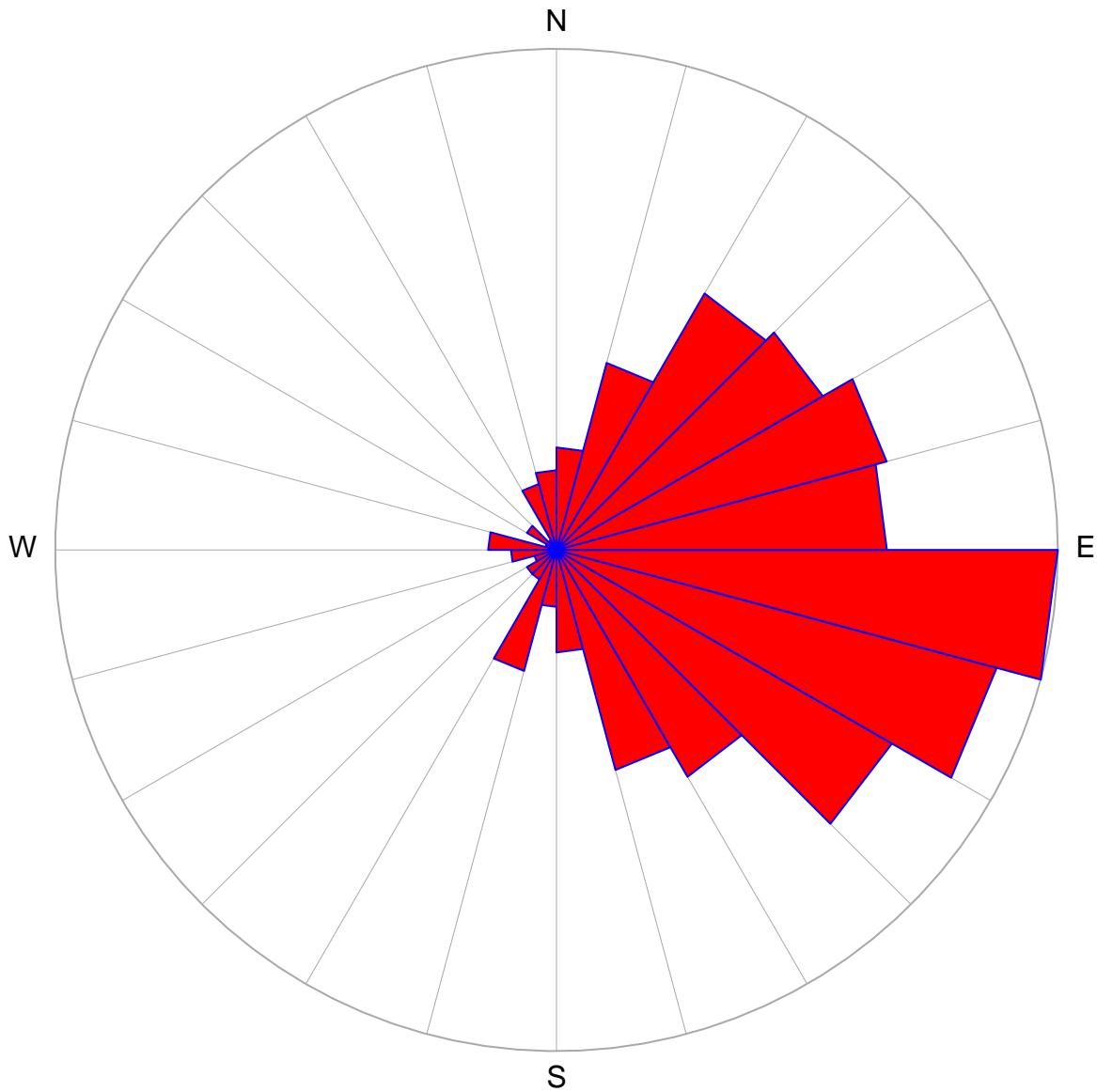


1975-07-03 09:40:48 to 1975-09-12 15:19:12

p2



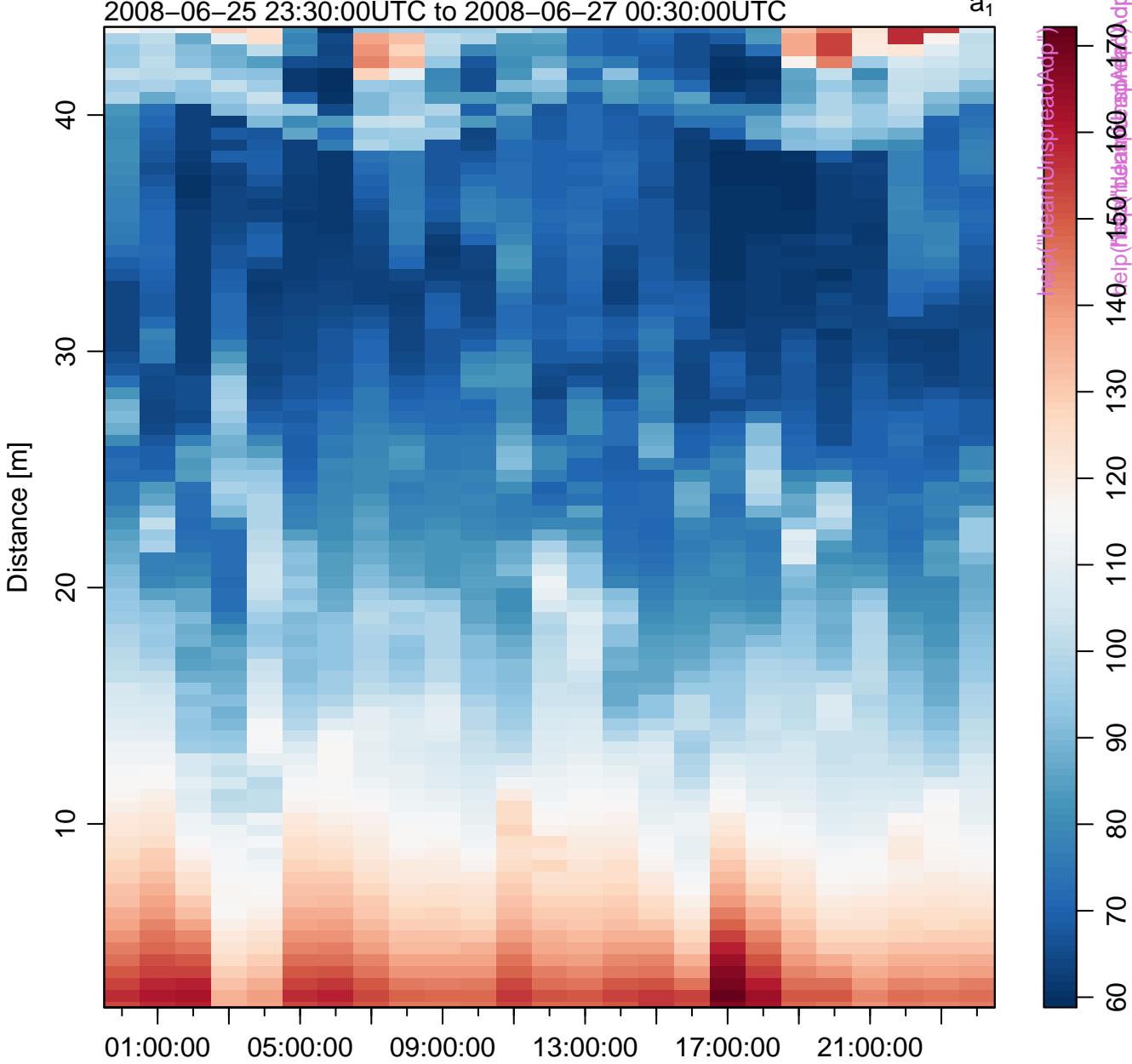
Counts (max 44)



help("as.windrose")

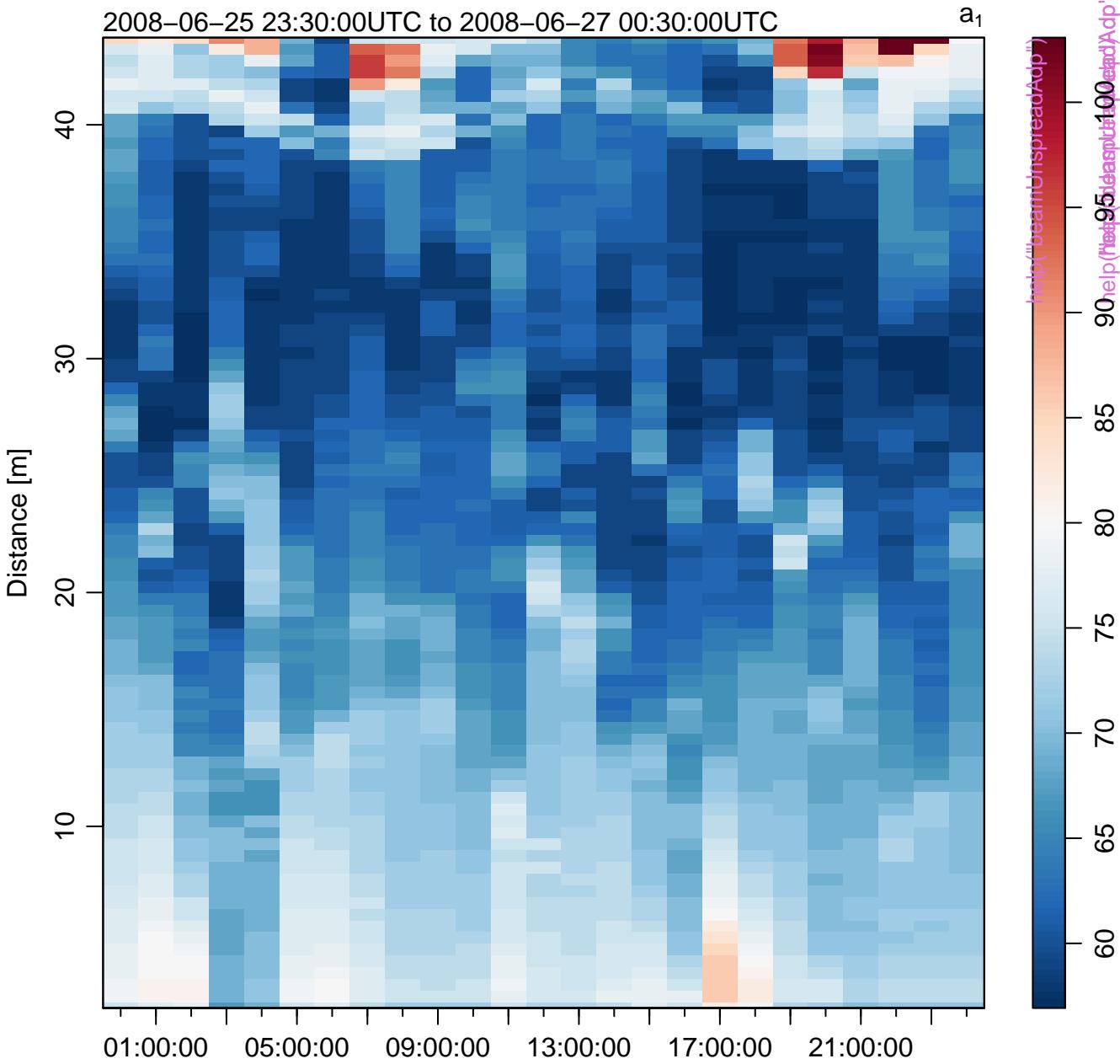
2008-06-25 23:30:00UTC to 2008-06-27 00:30:00UTC

a₁

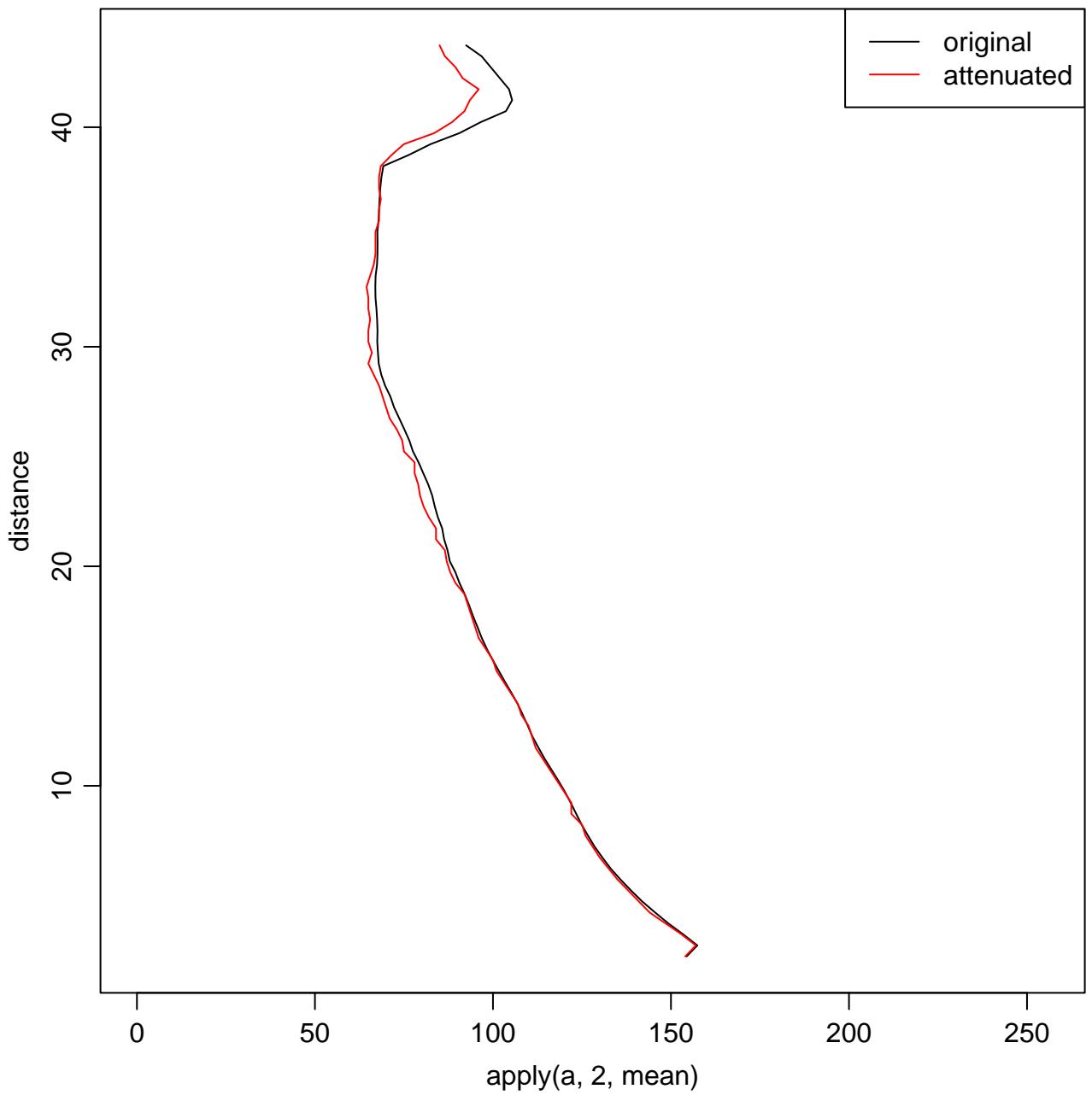


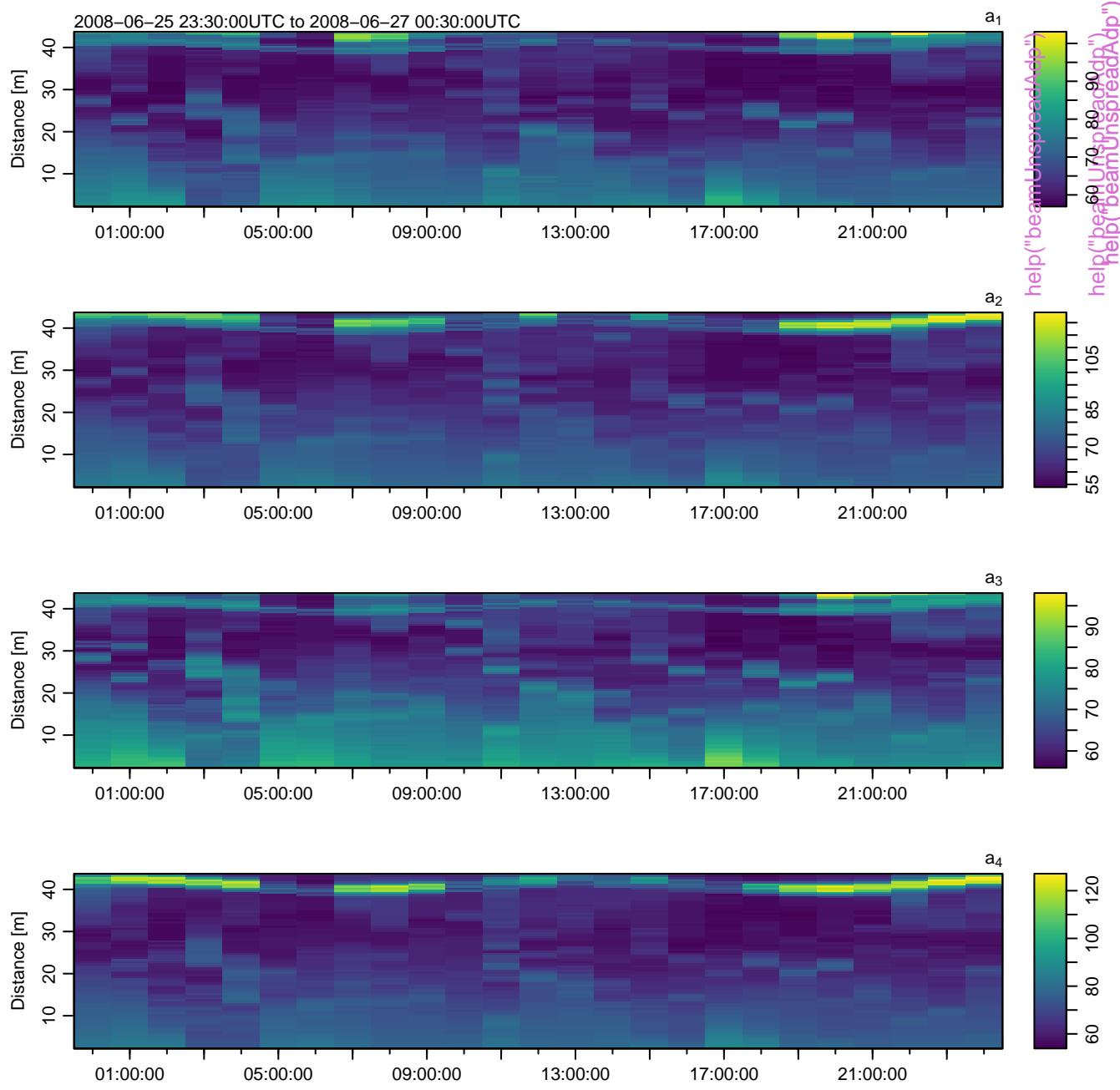
2008-06-25 23:30:00UTC to 2008-06-27 00:30:00UTC

a₁

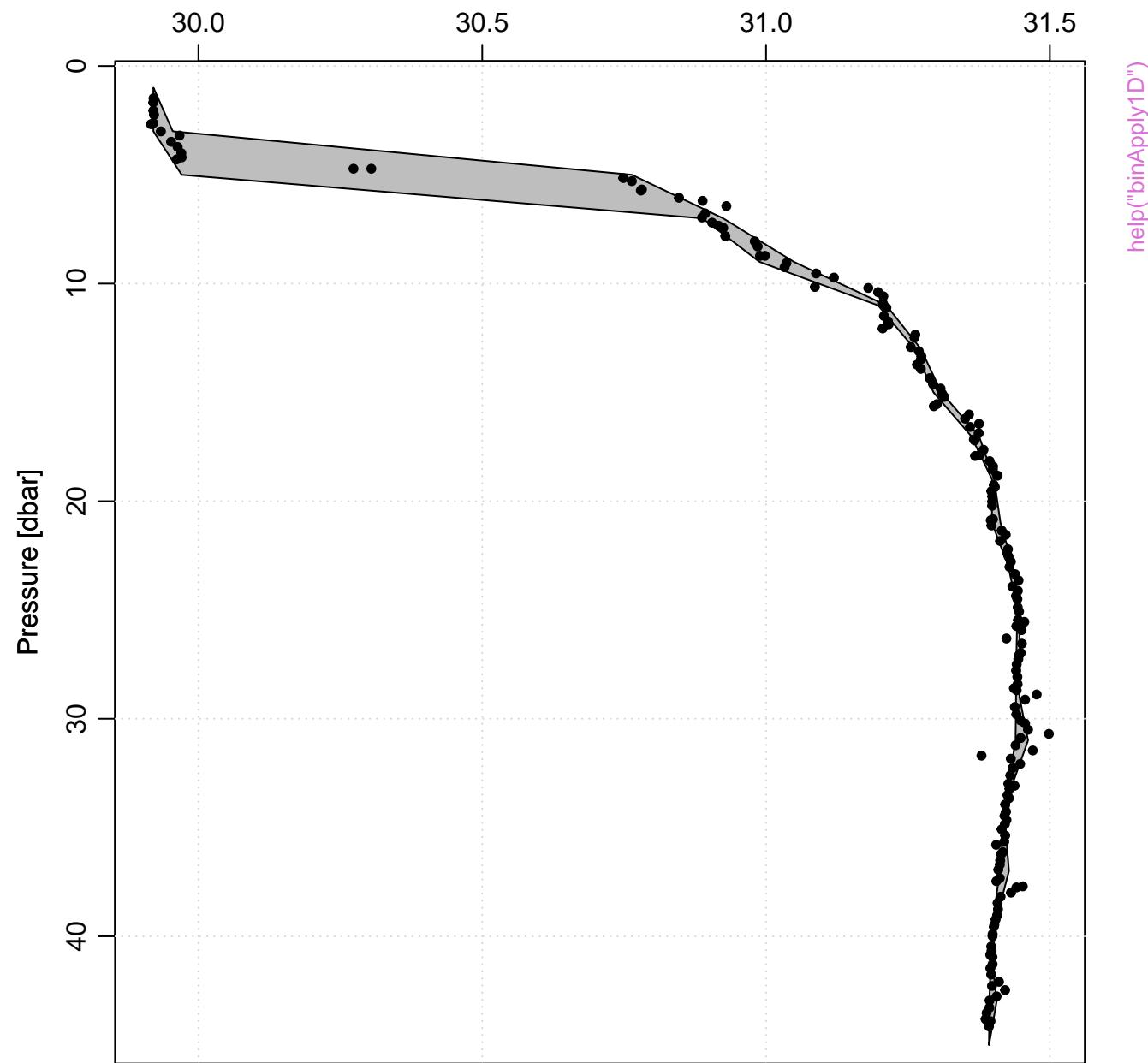


help("beamUnspreadAdp")

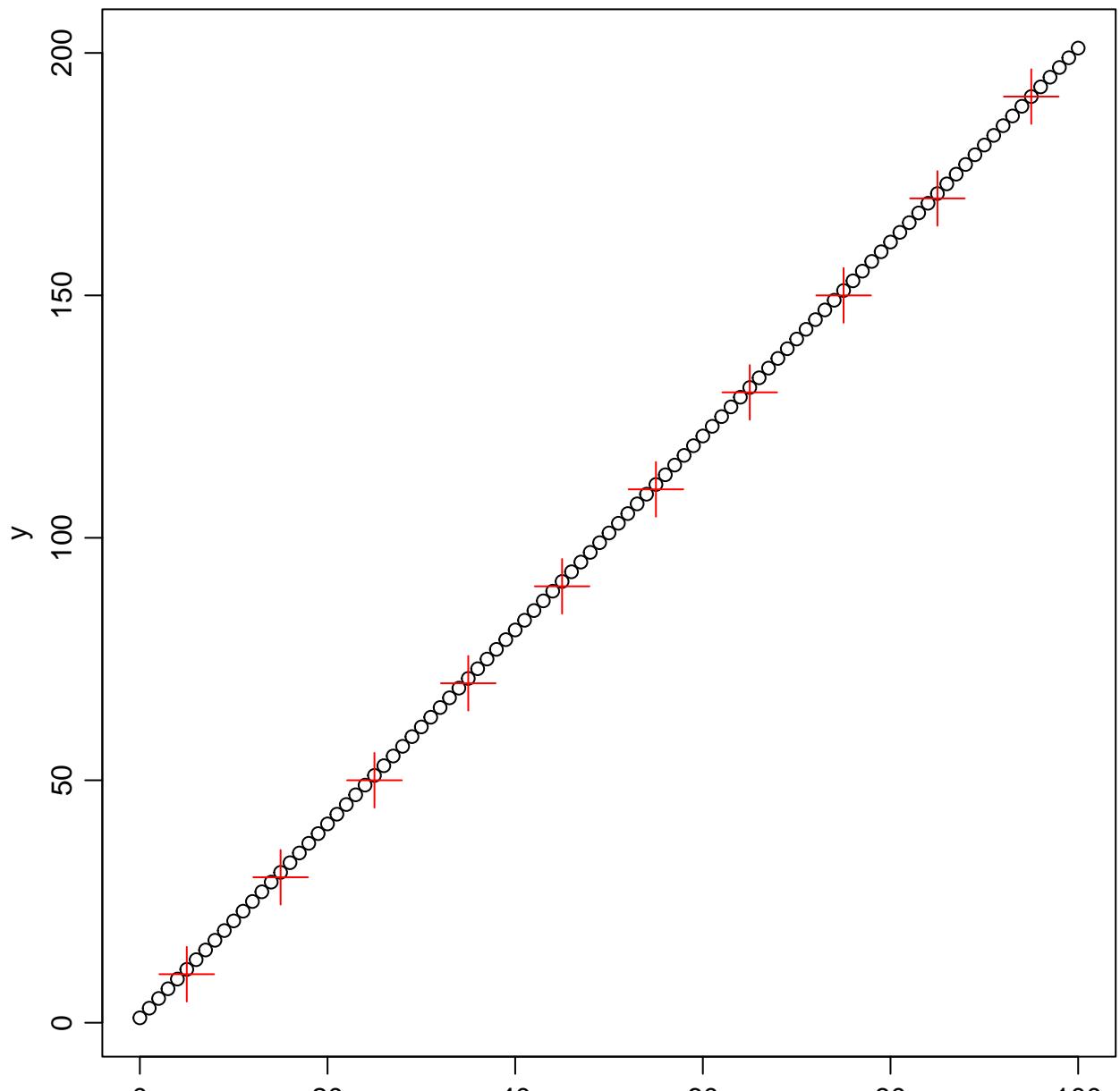




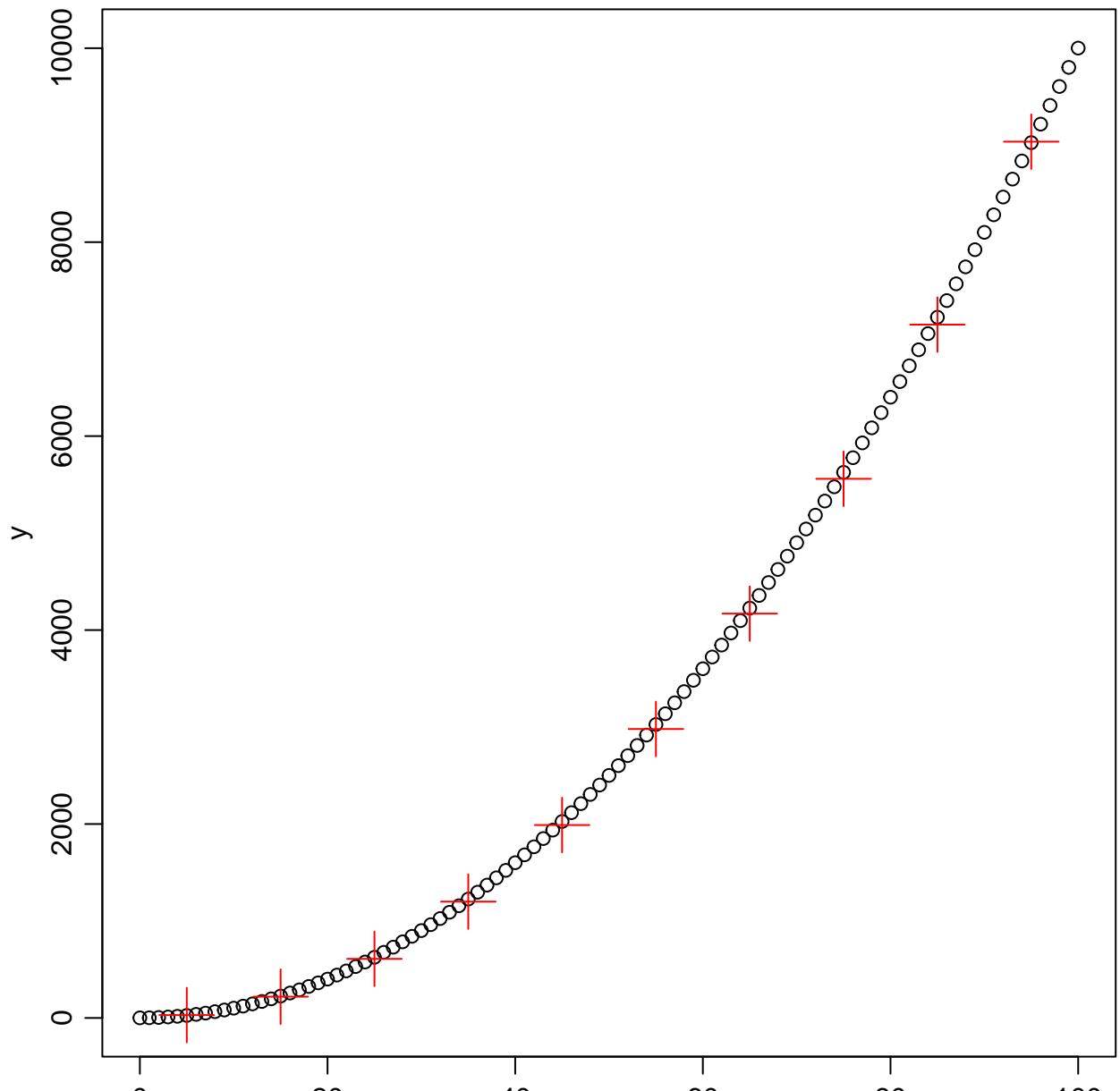
Practical Salinity



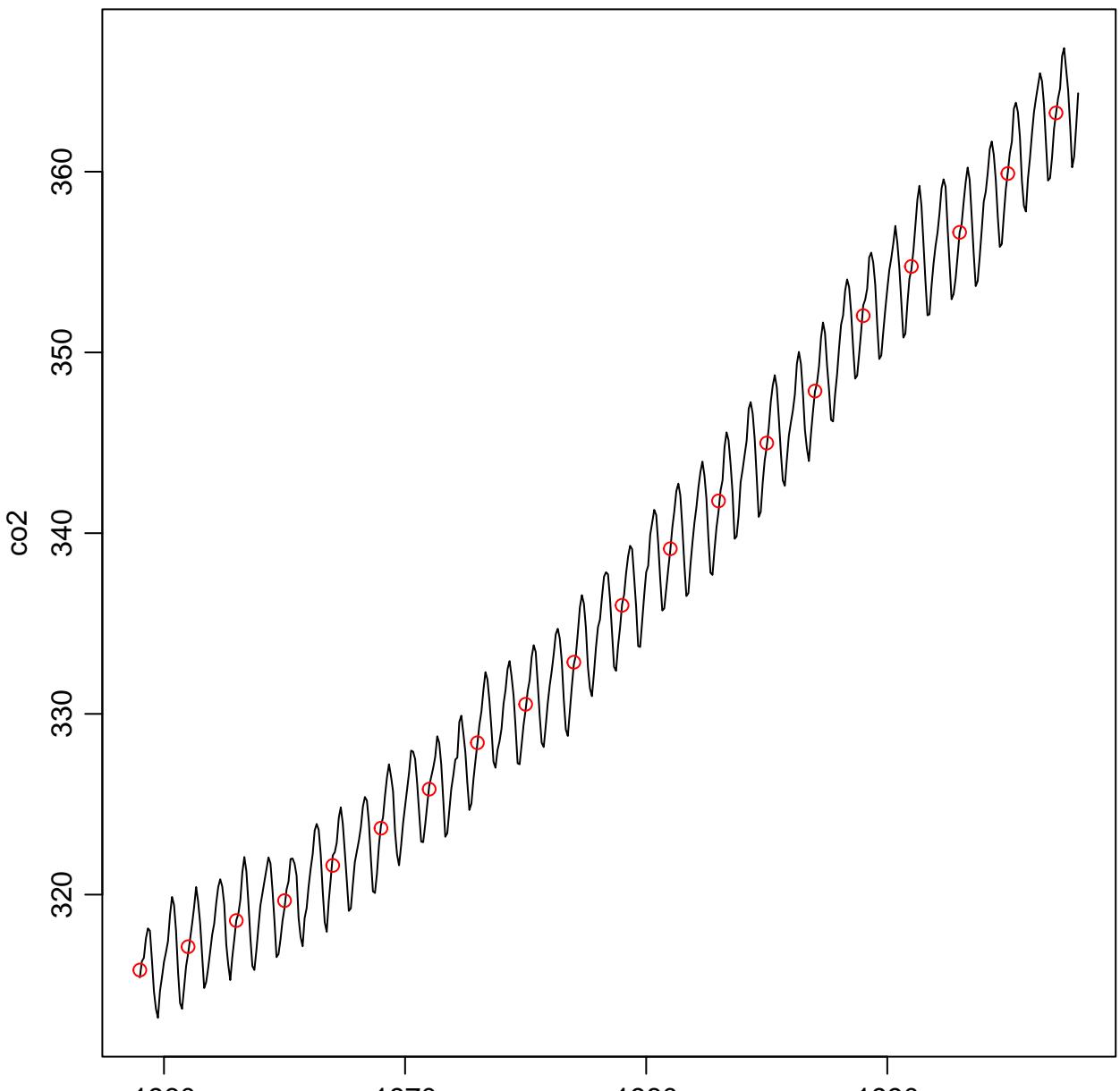
help("binAverage")



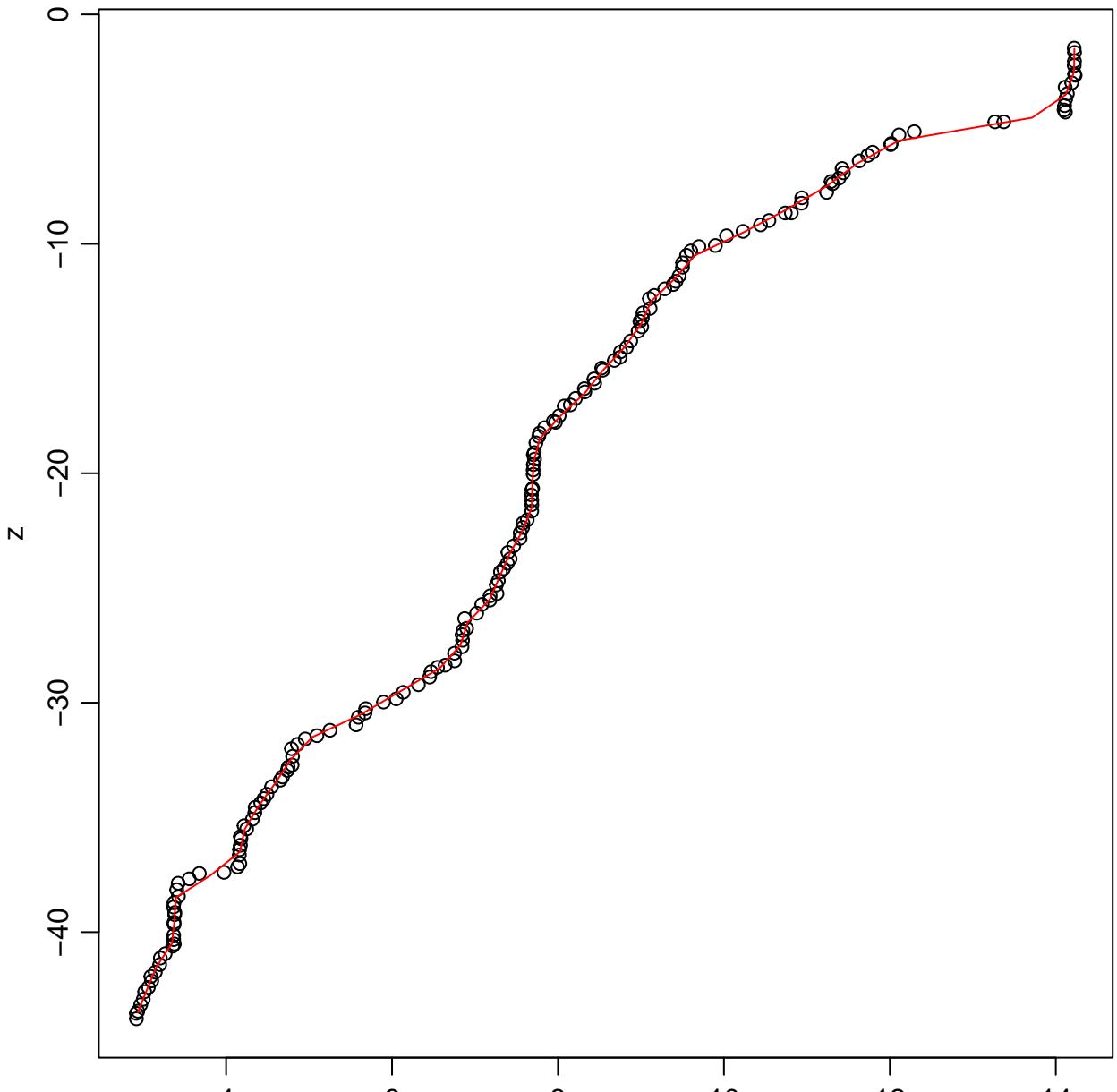
help("binAverage")



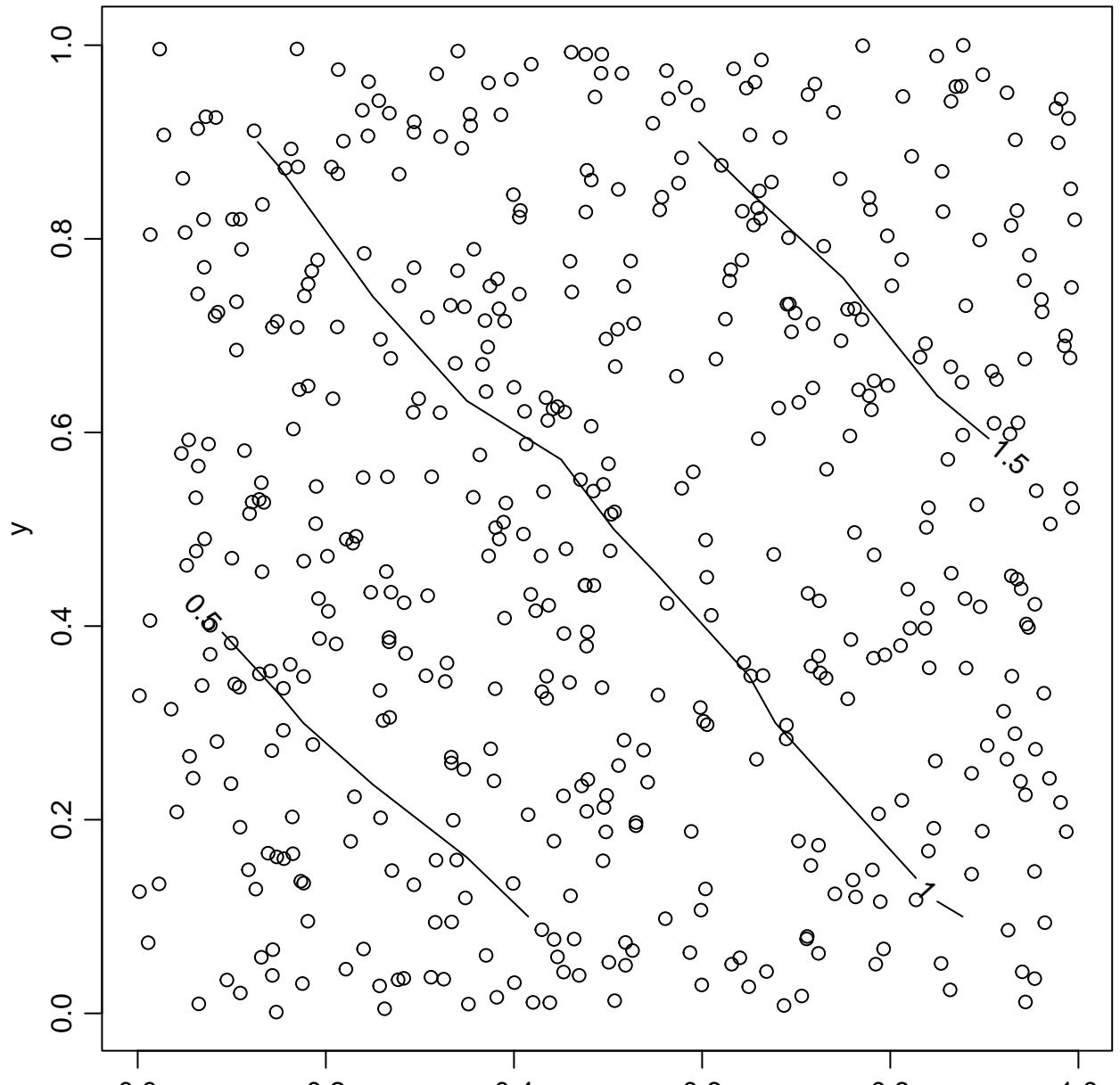
help("binAverage")



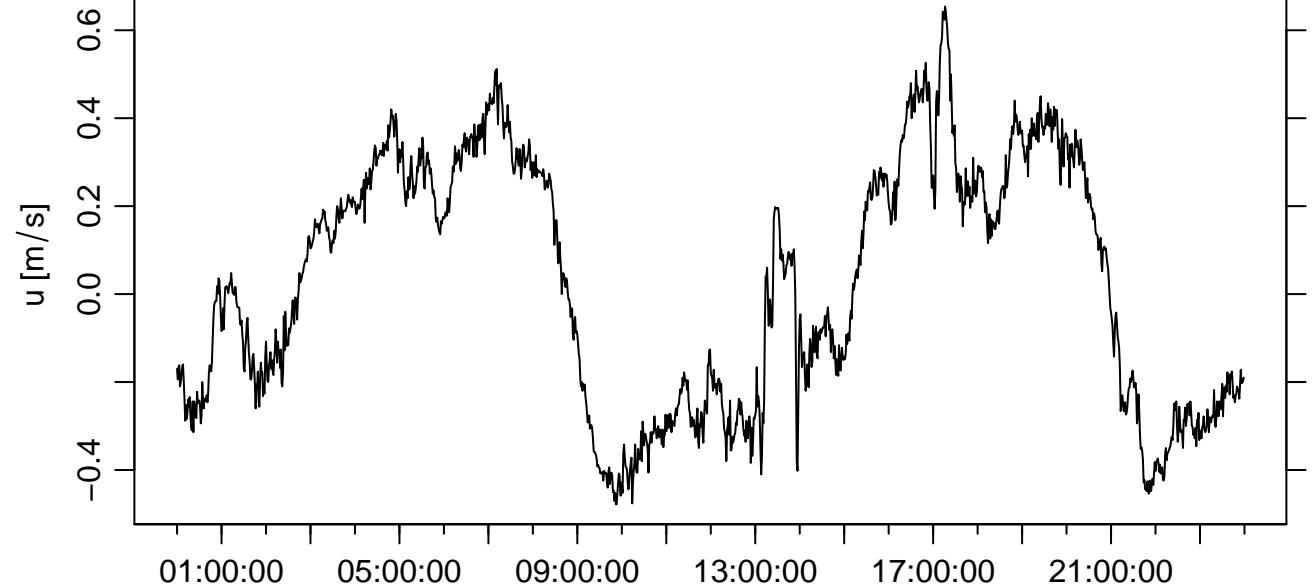
help("binMean1D")



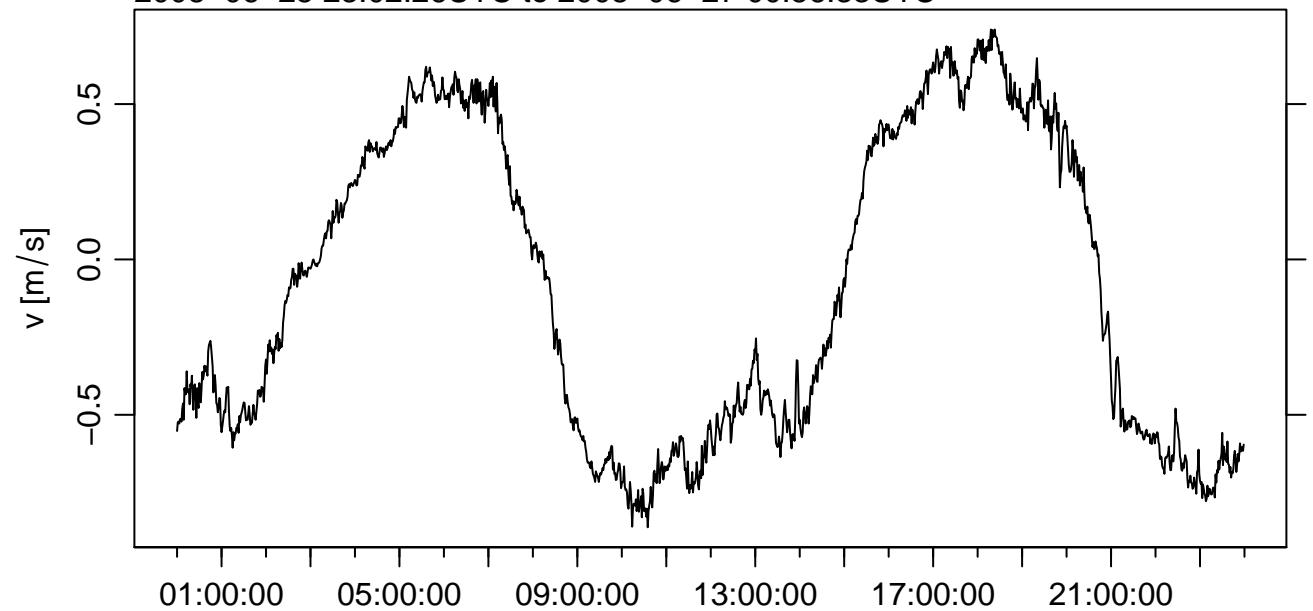
help("binMean2D")

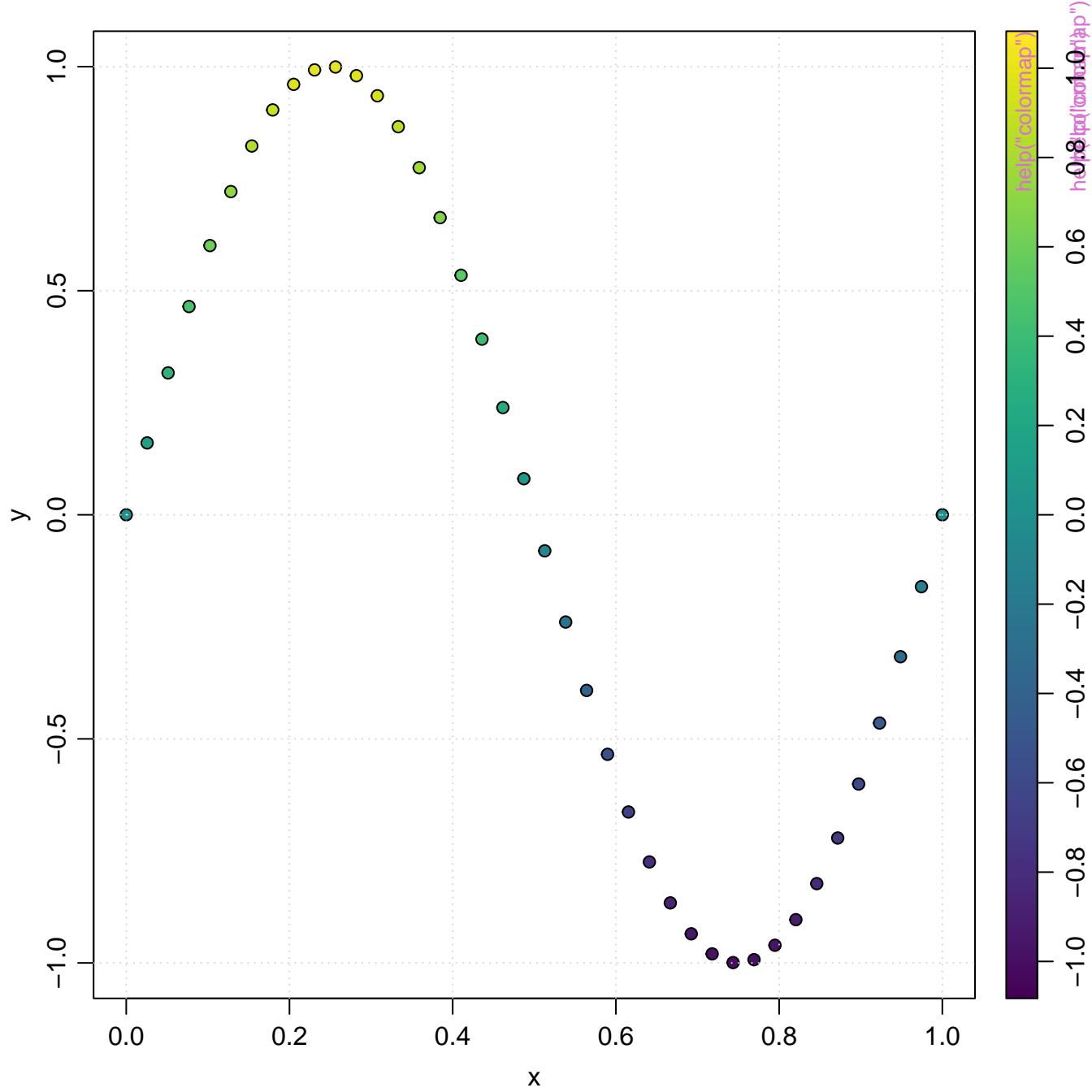


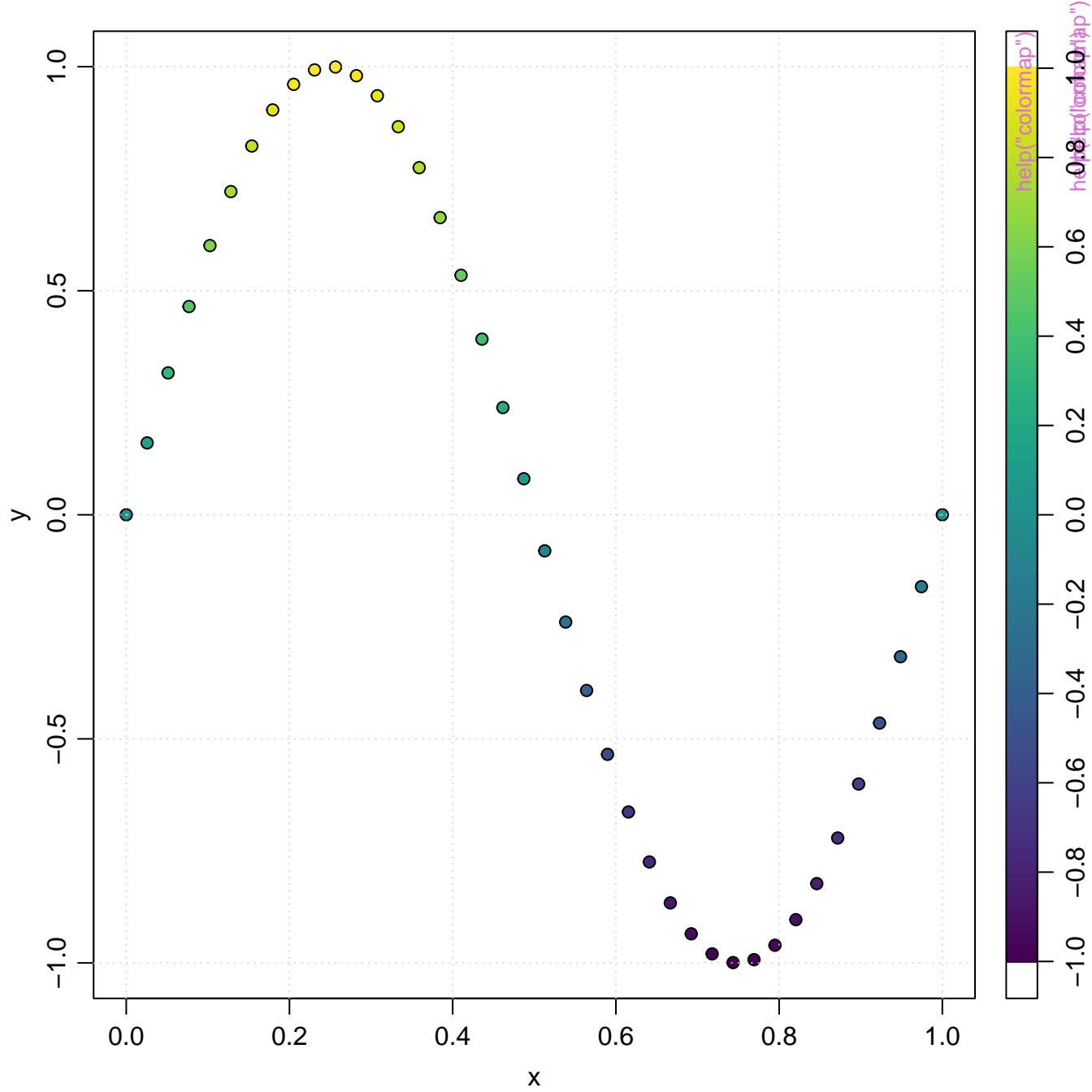
2008-06-25 23:02:26UTC to 2008-06-27 00:56:33UTC



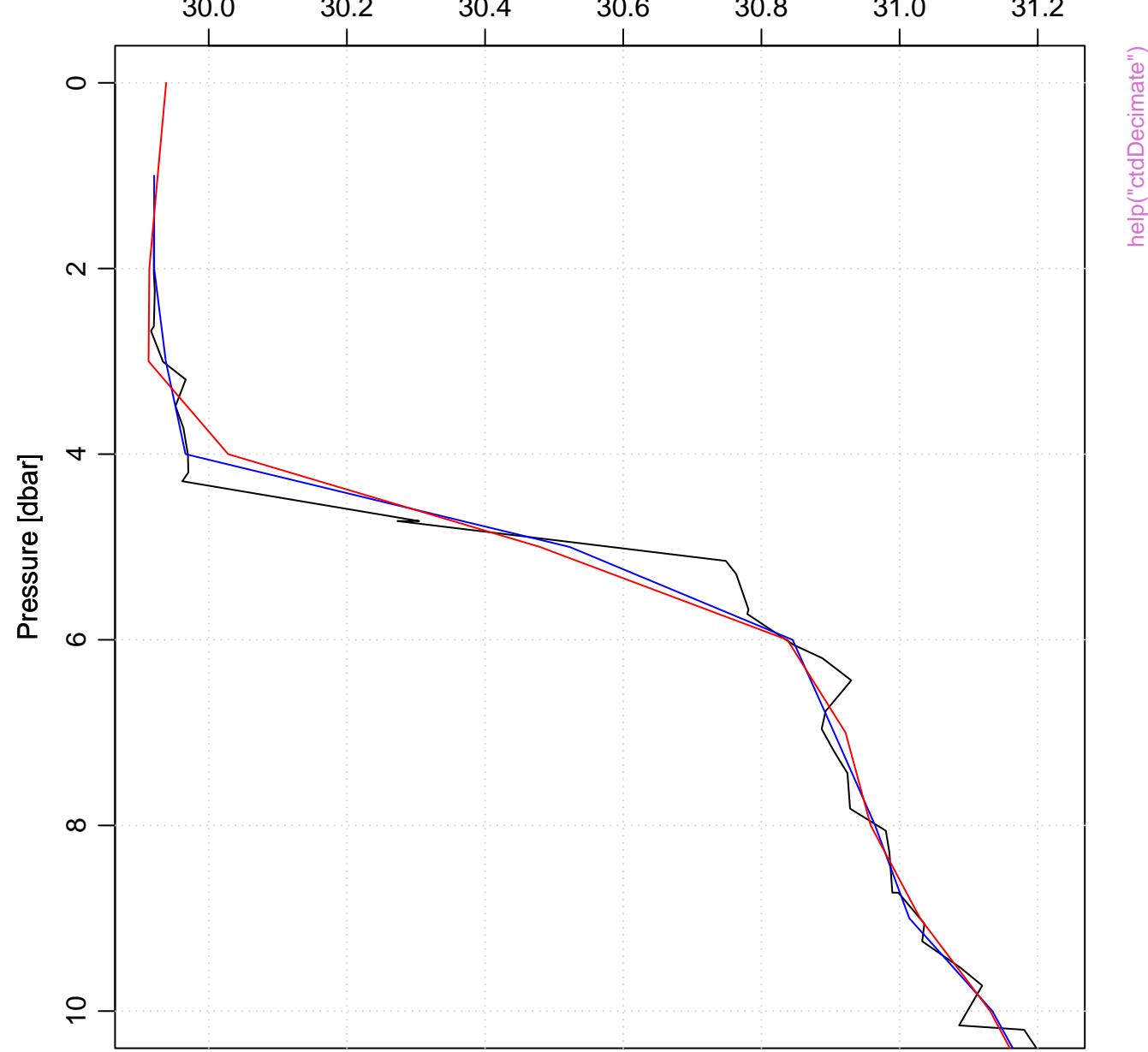
2008-06-25 23:02:26UTC to 2008-06-27 00:56:33UTC

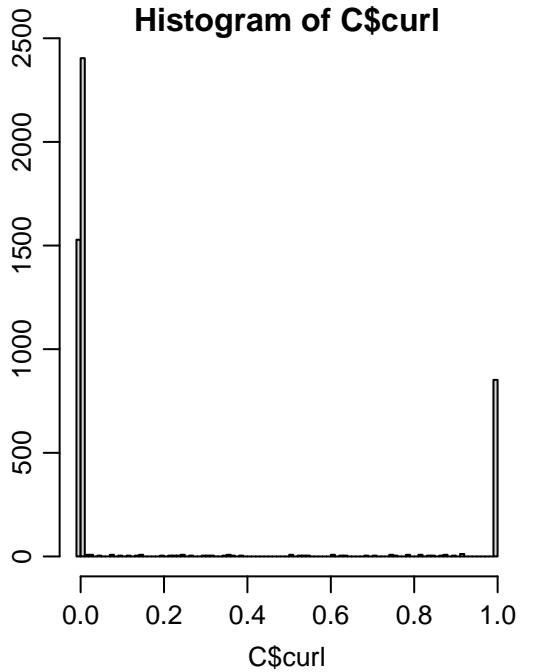
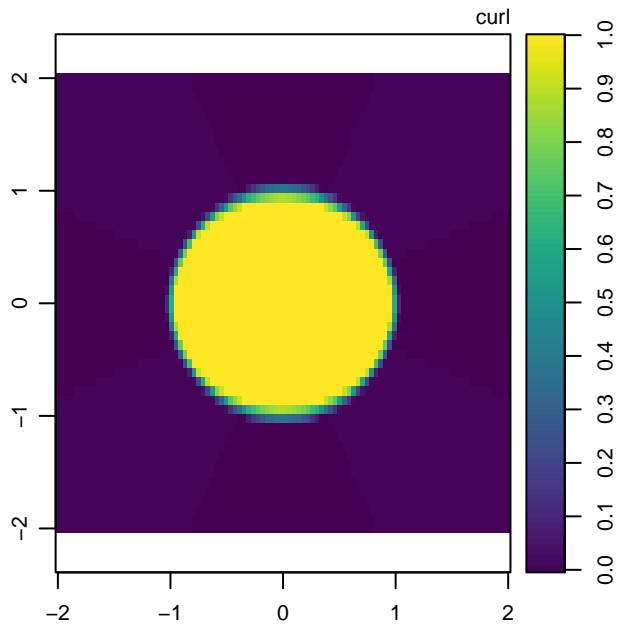
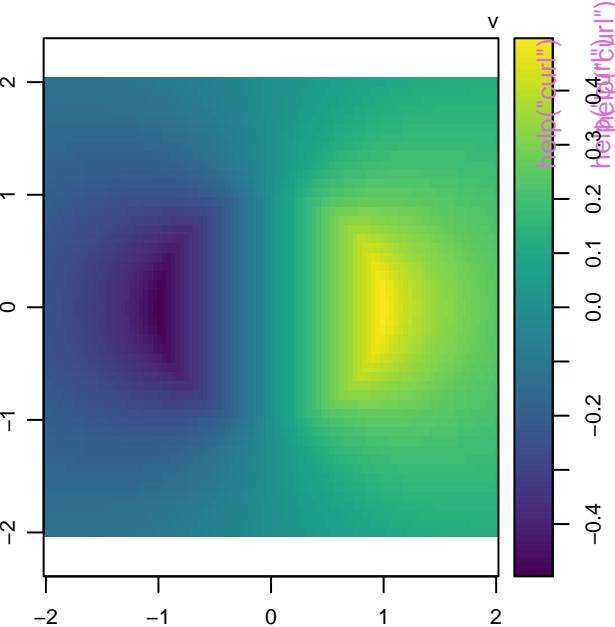
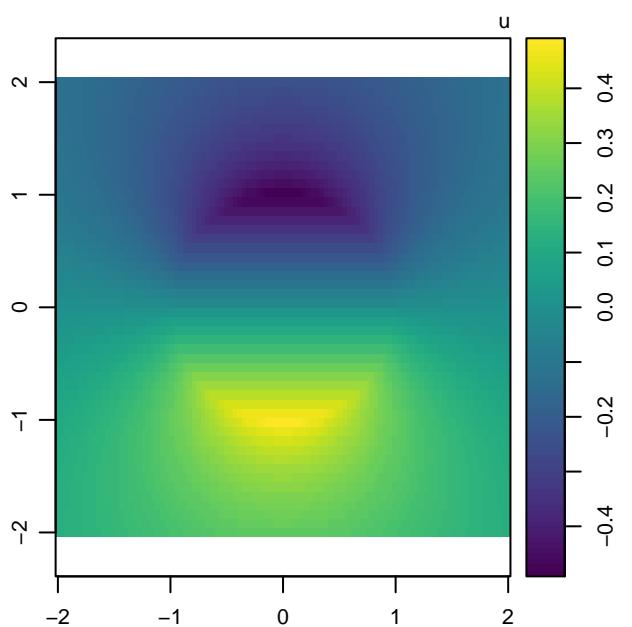


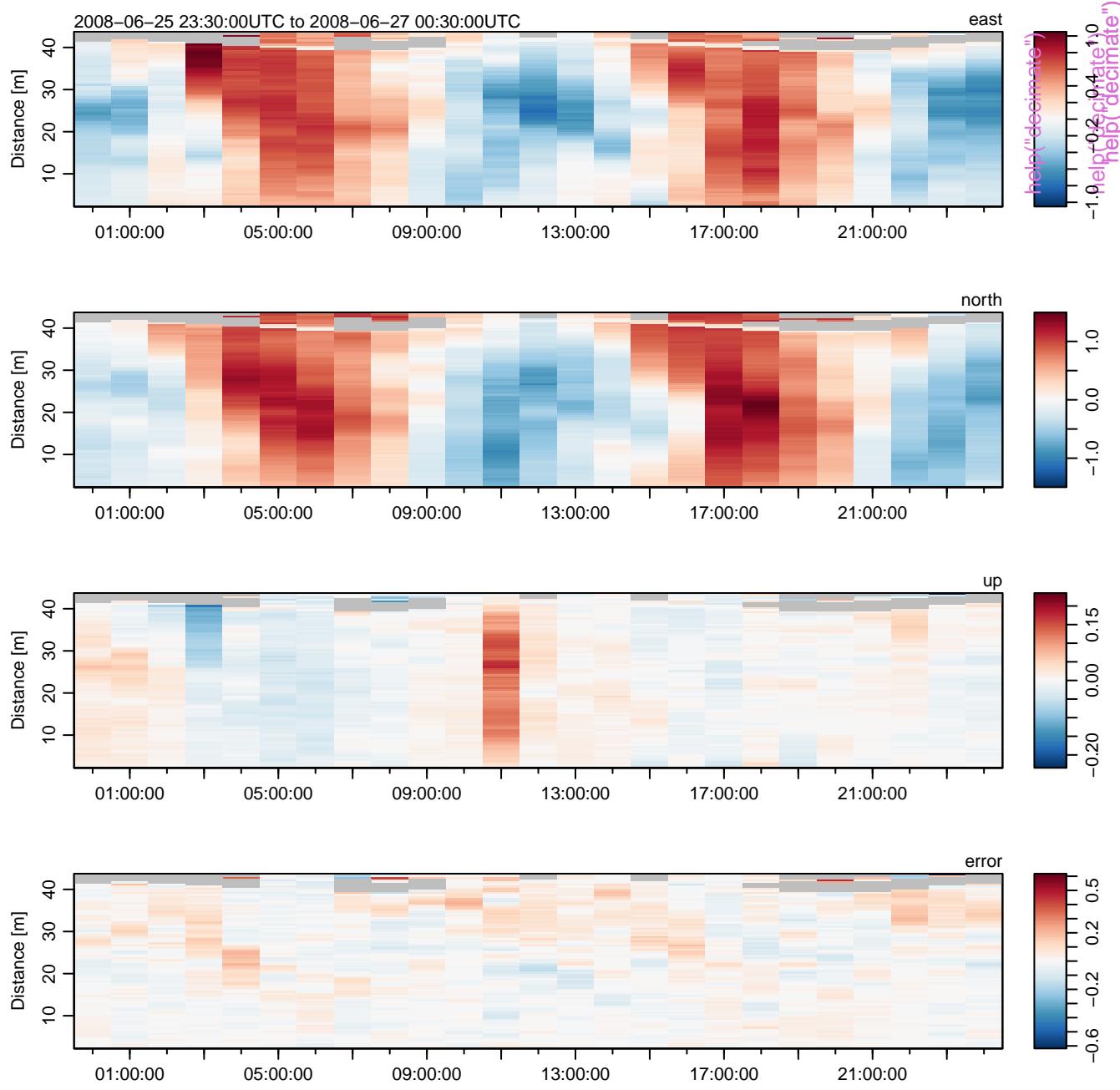


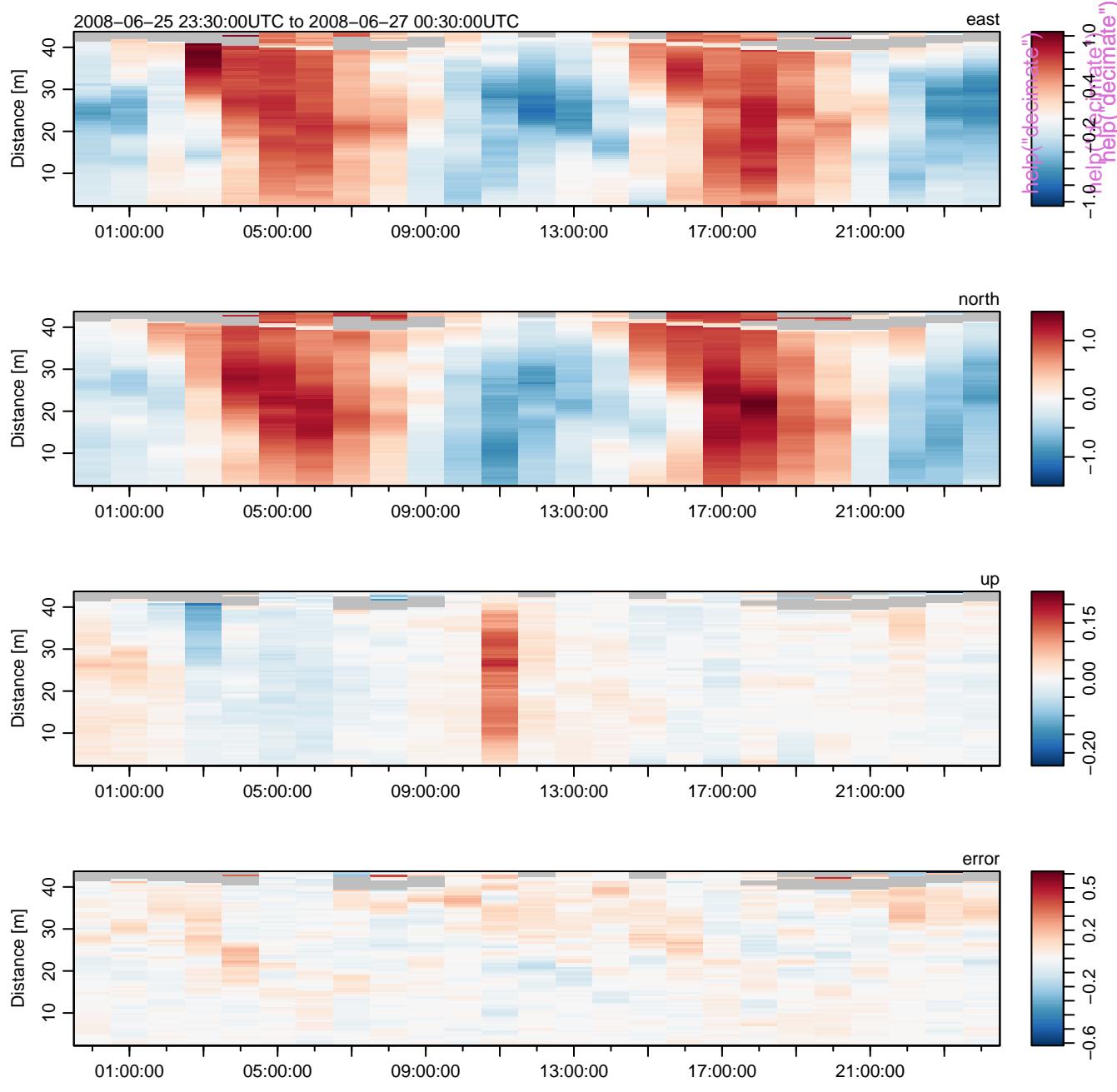


Practical Salinity

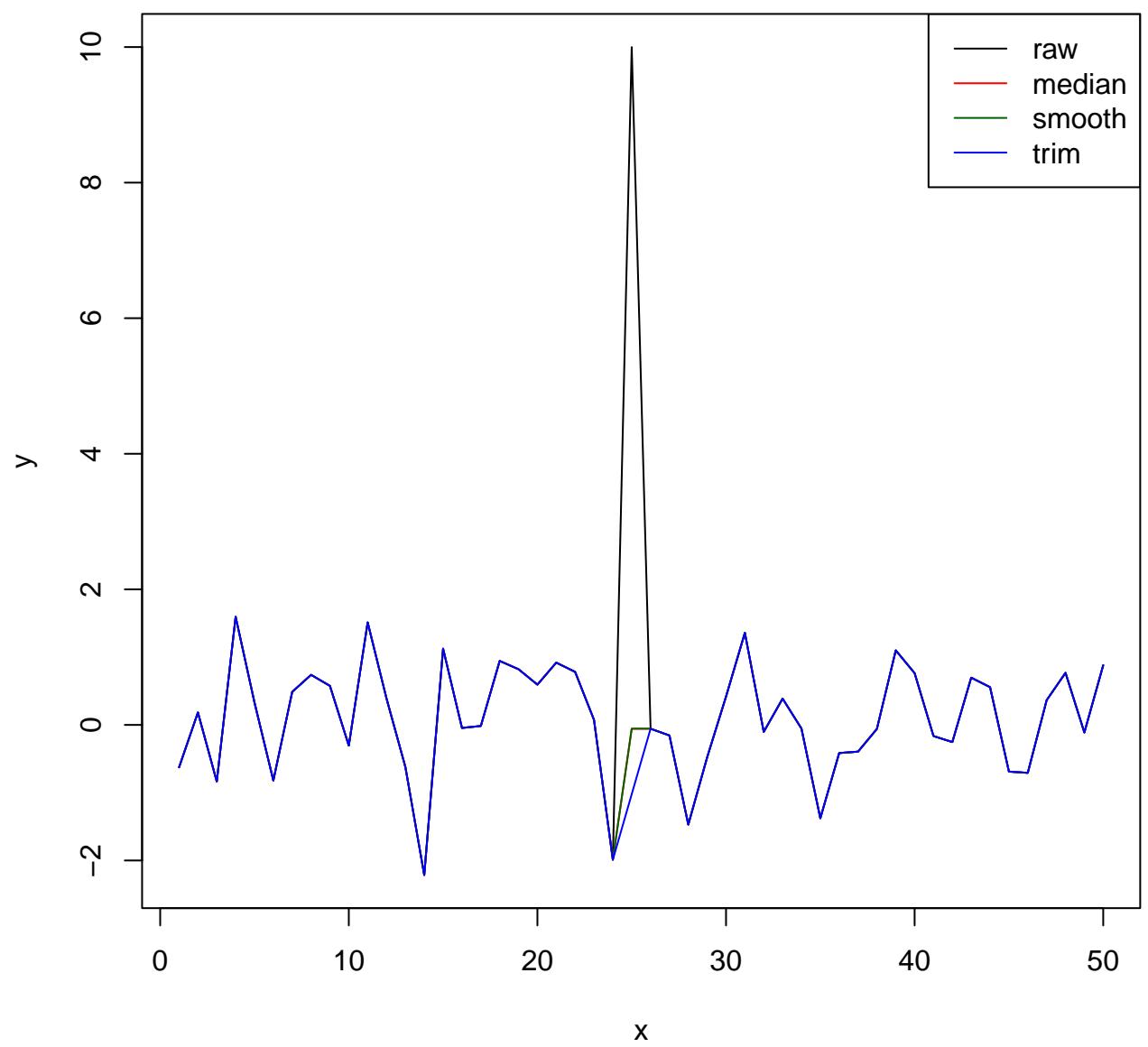


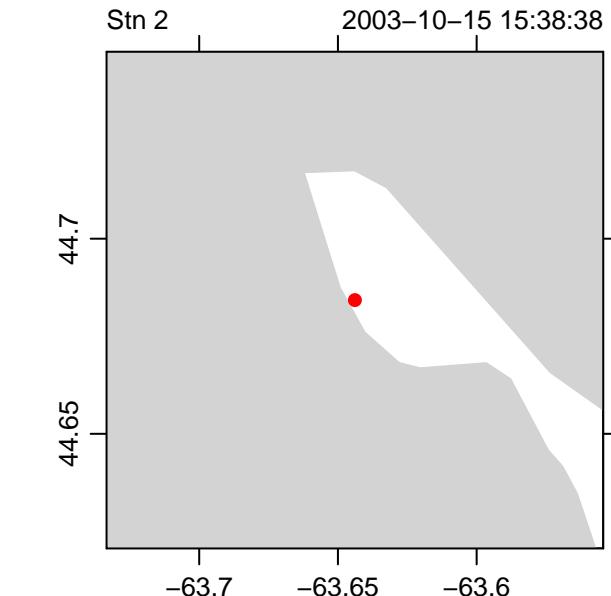
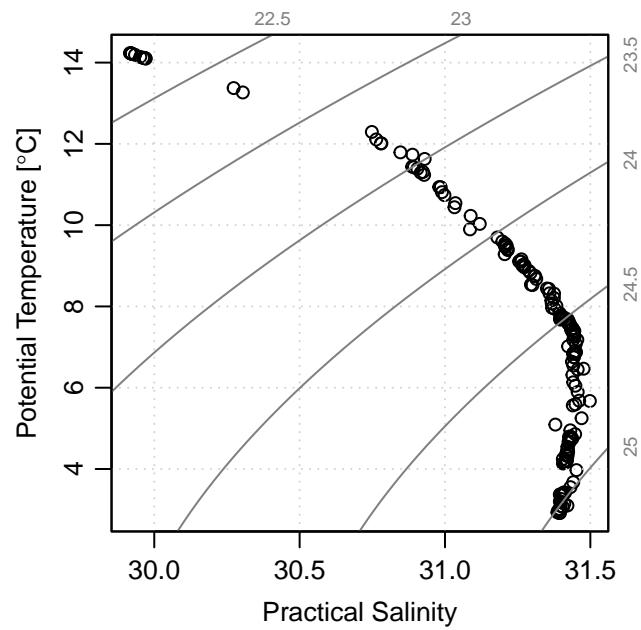
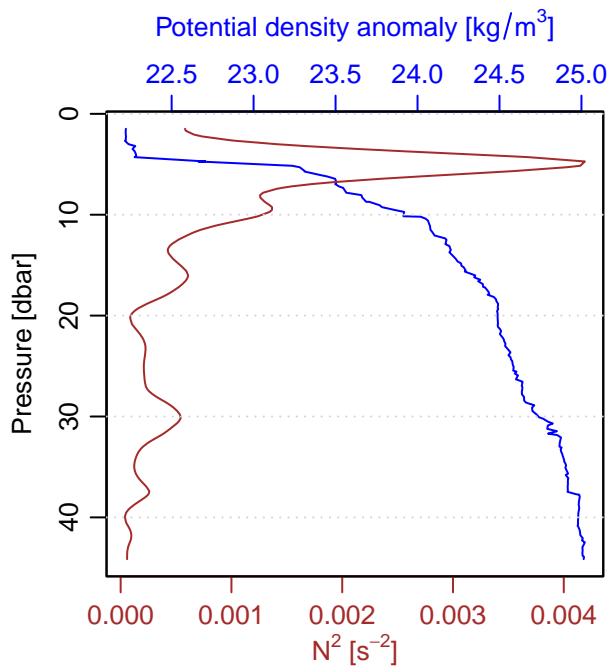
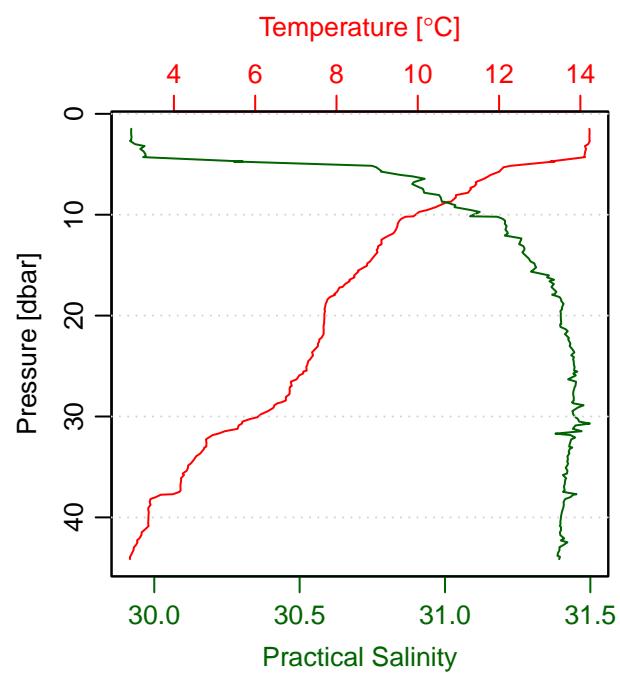




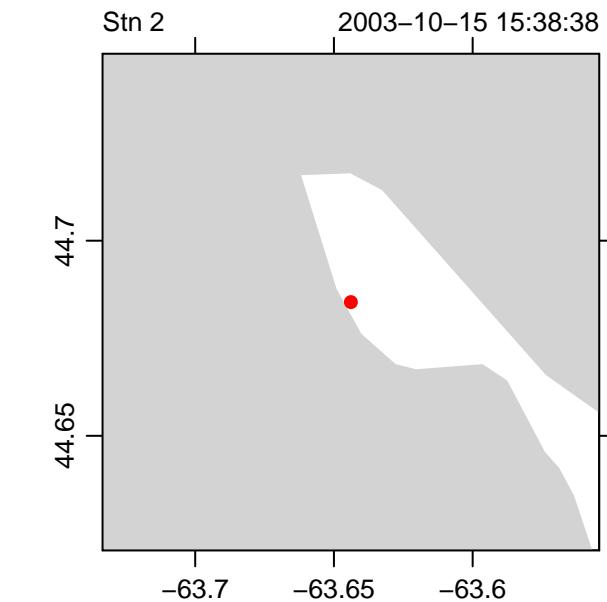
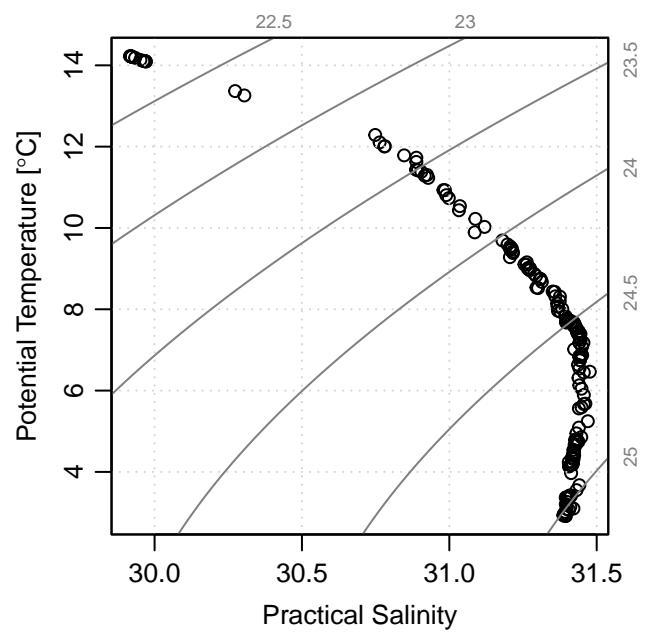
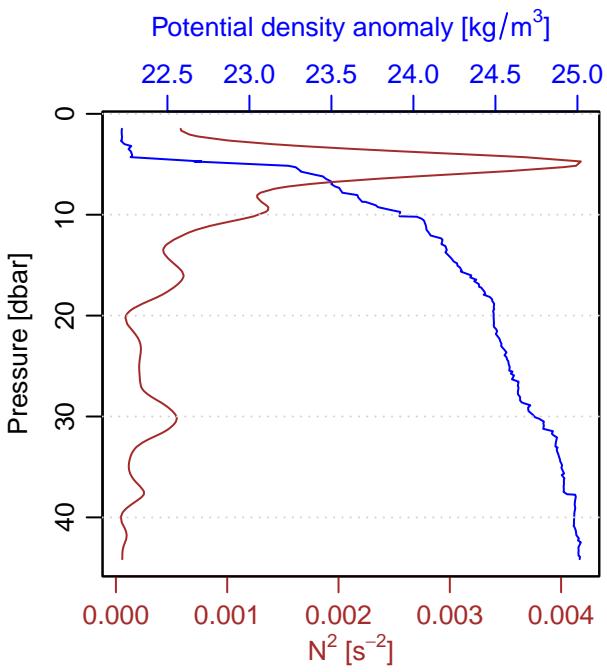
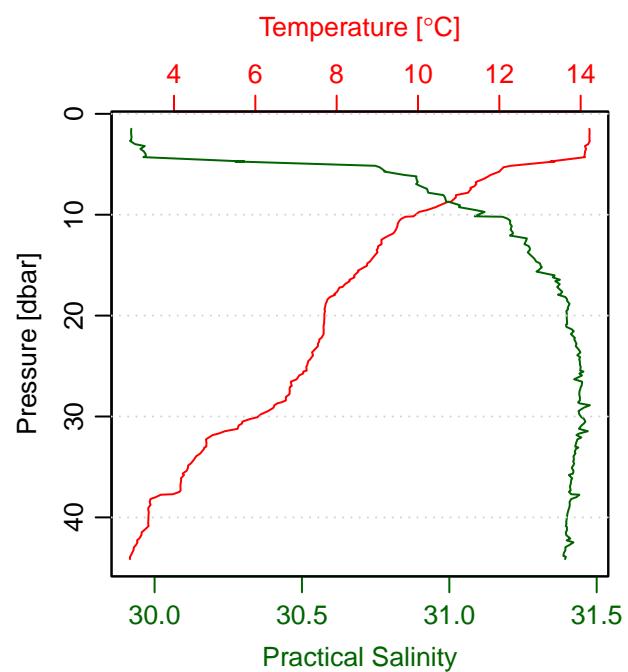


help("despike")

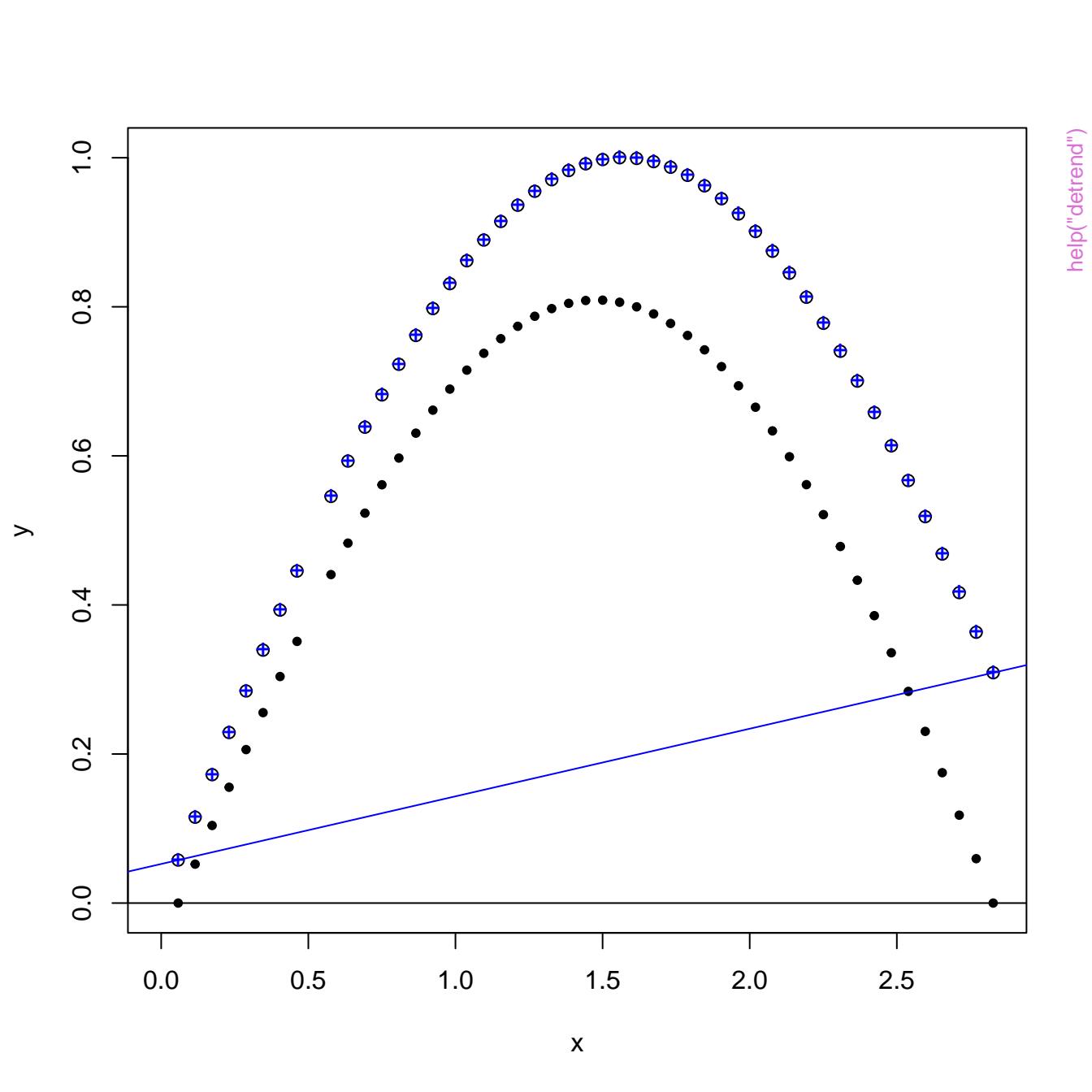




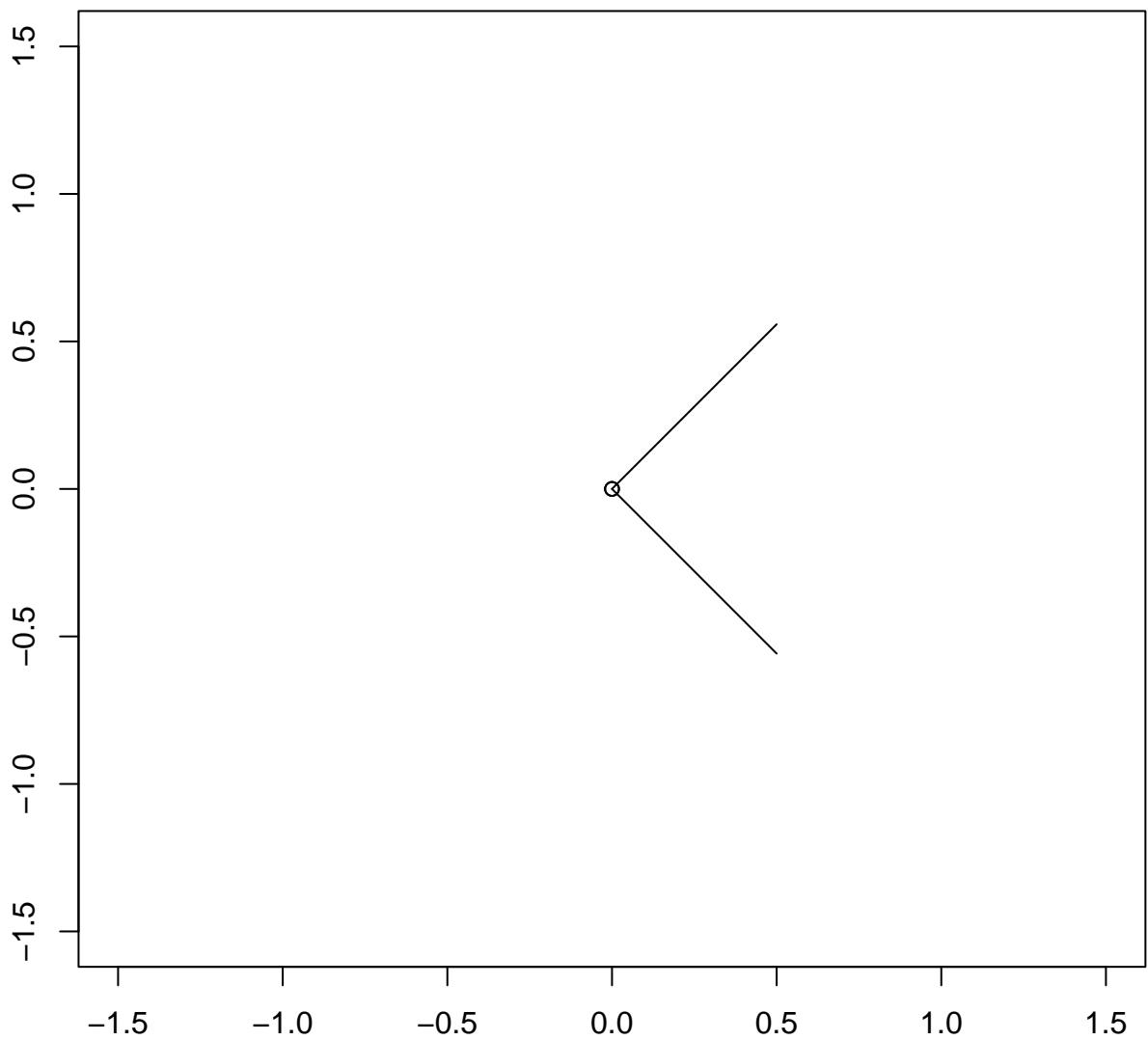
help("despike")



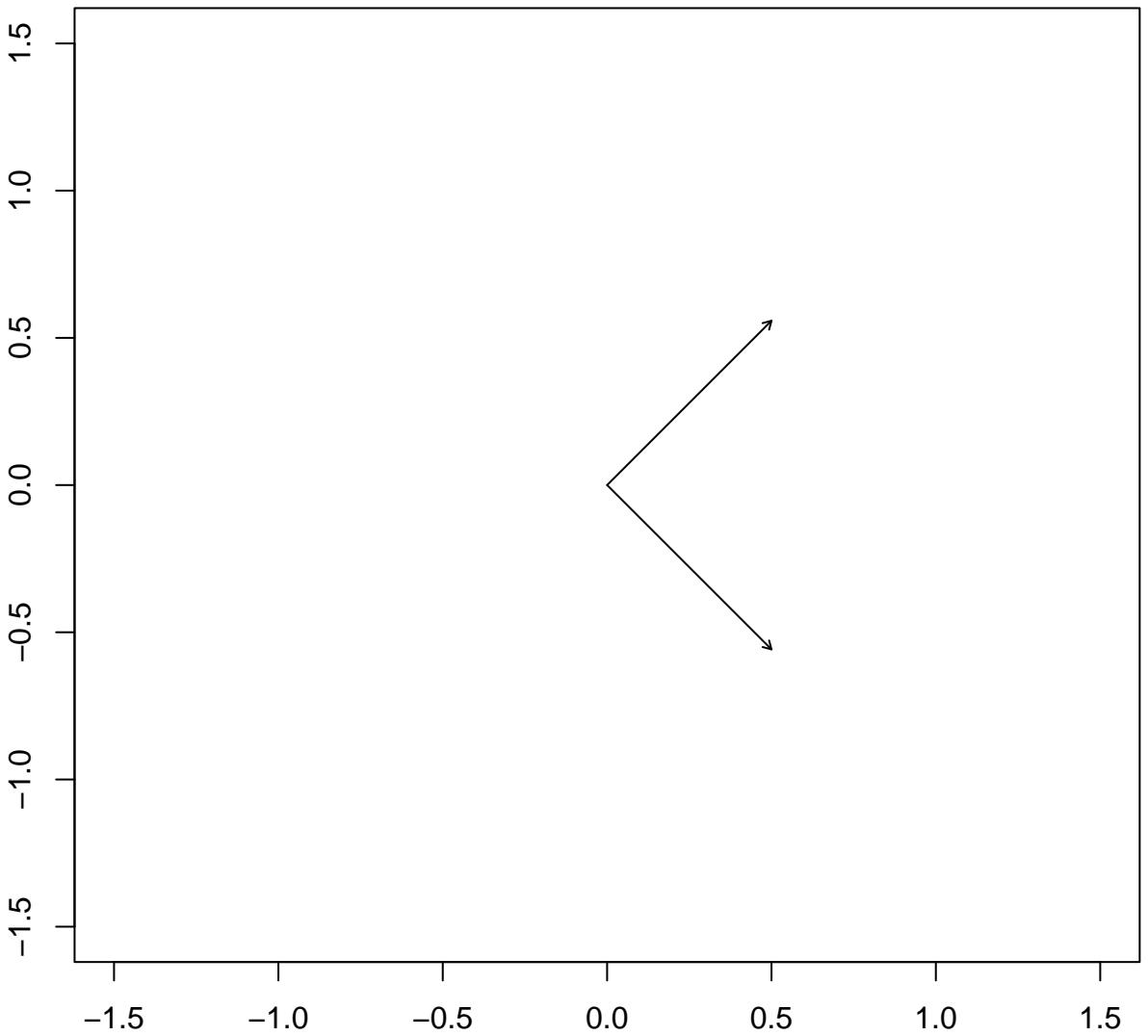
help("despike")



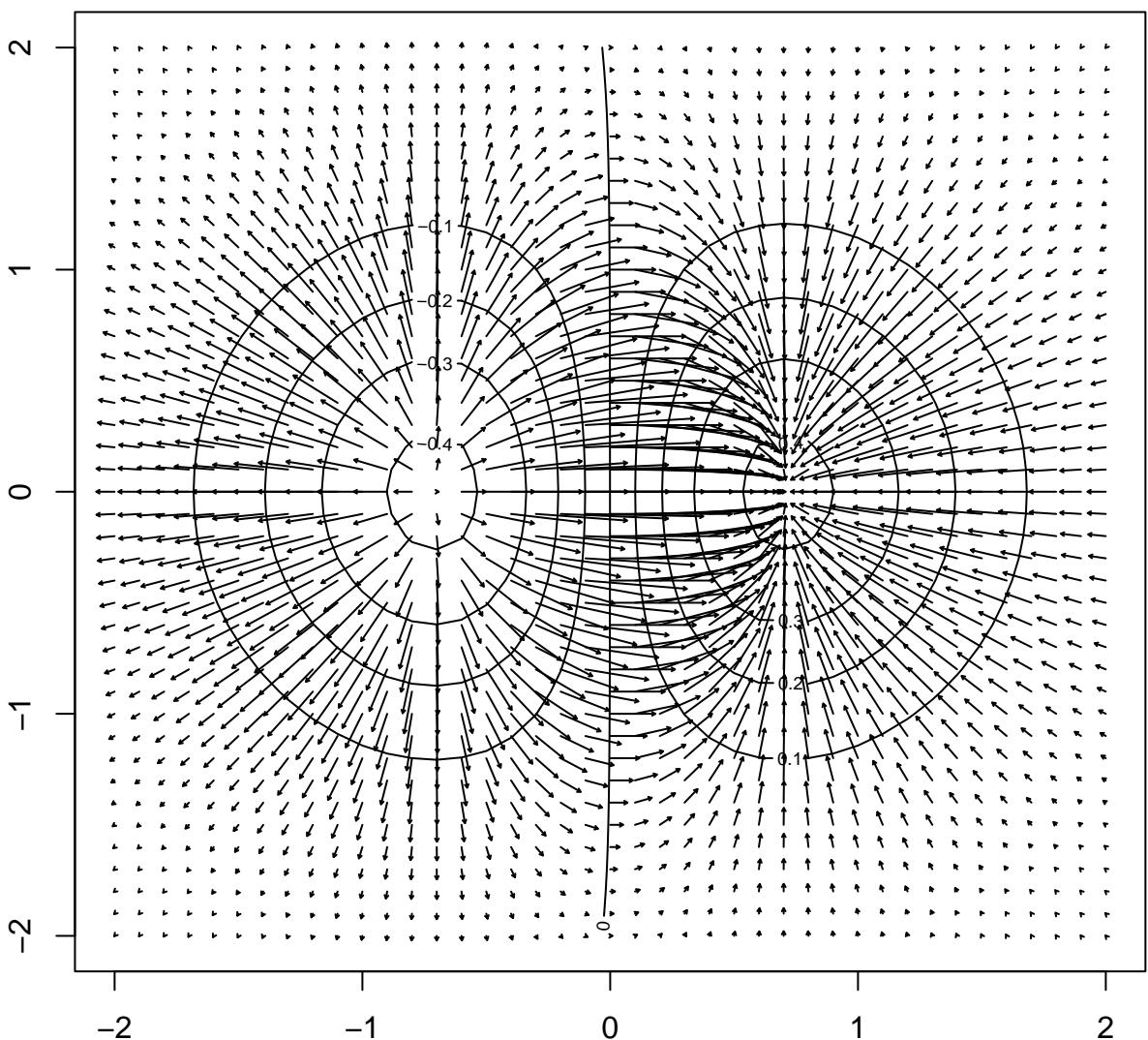
help("drawDirectionField")

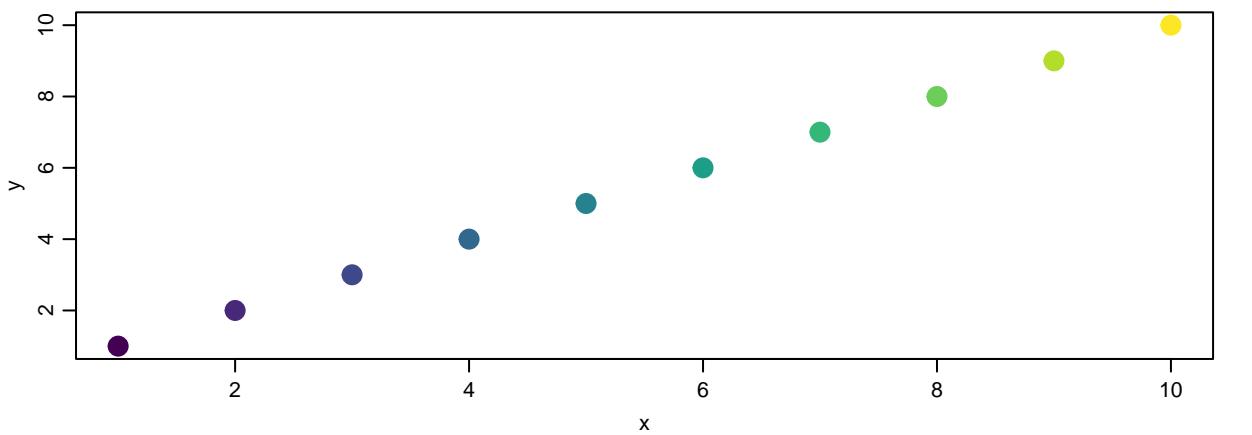
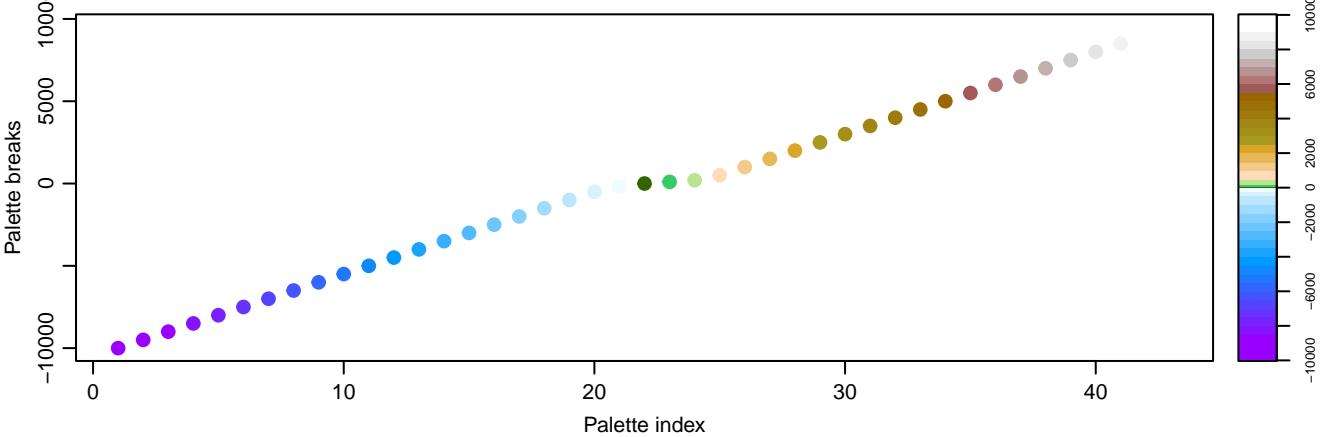
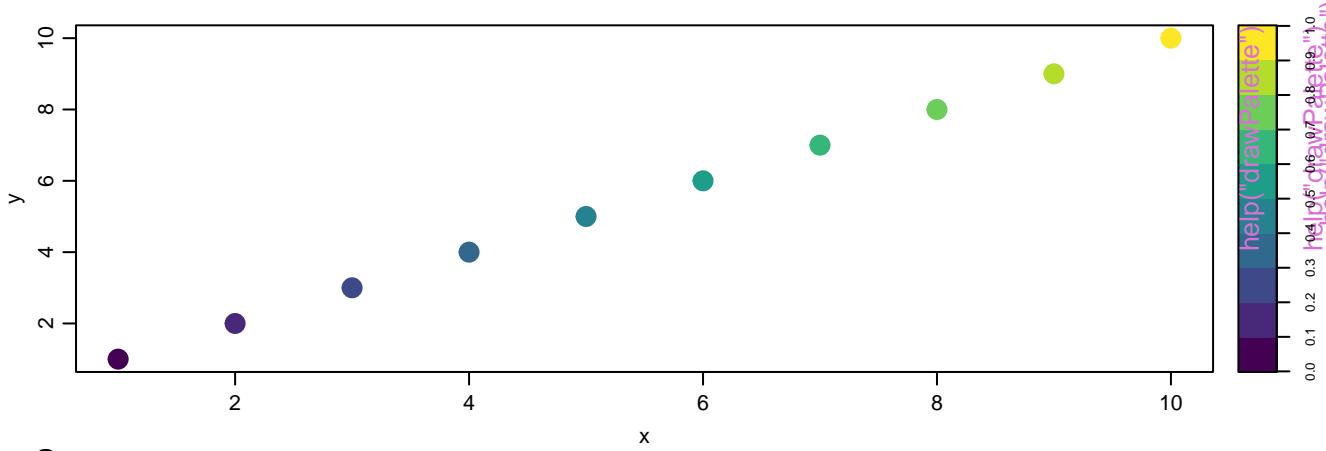


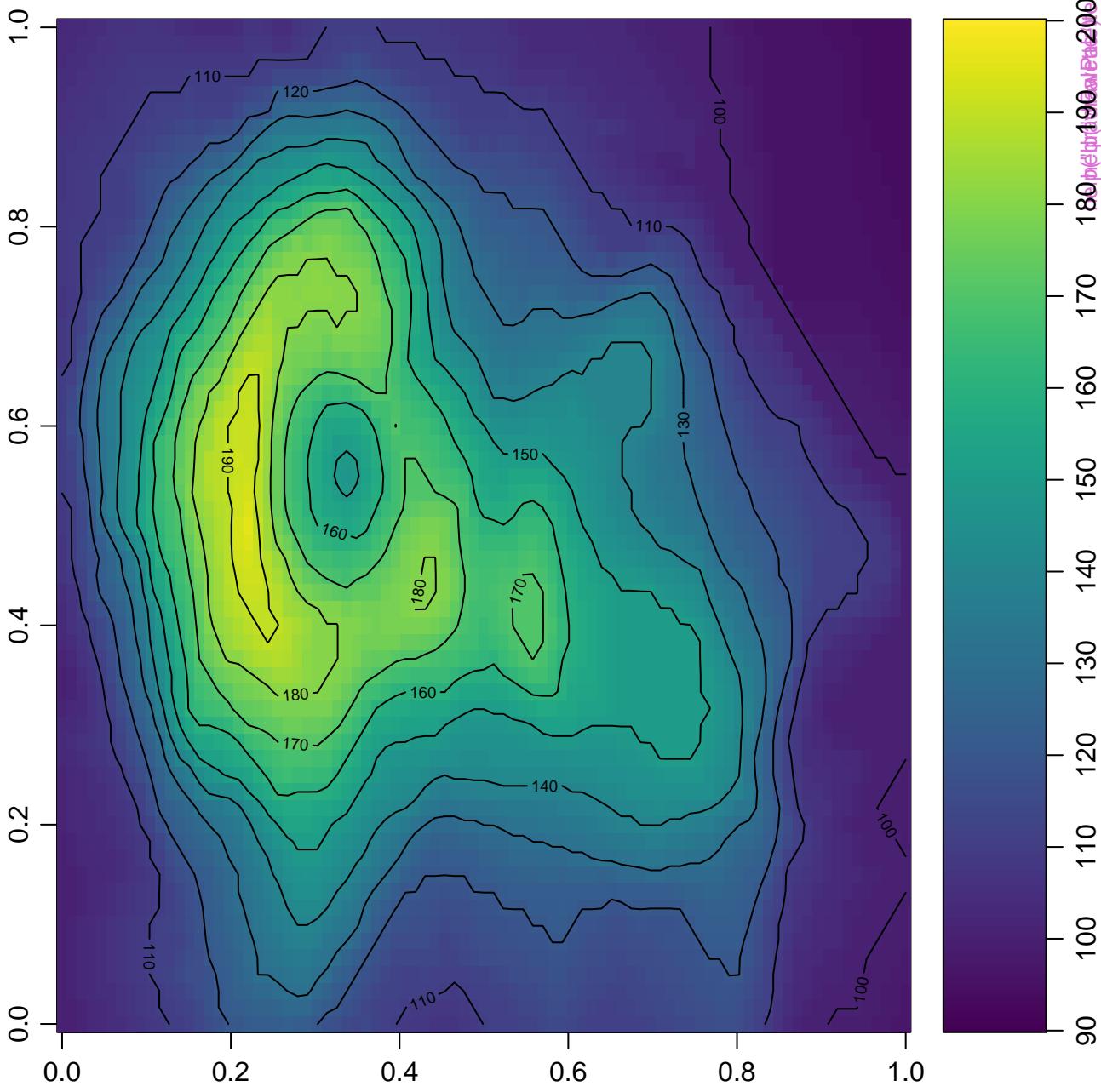
help("drawDirectionField")

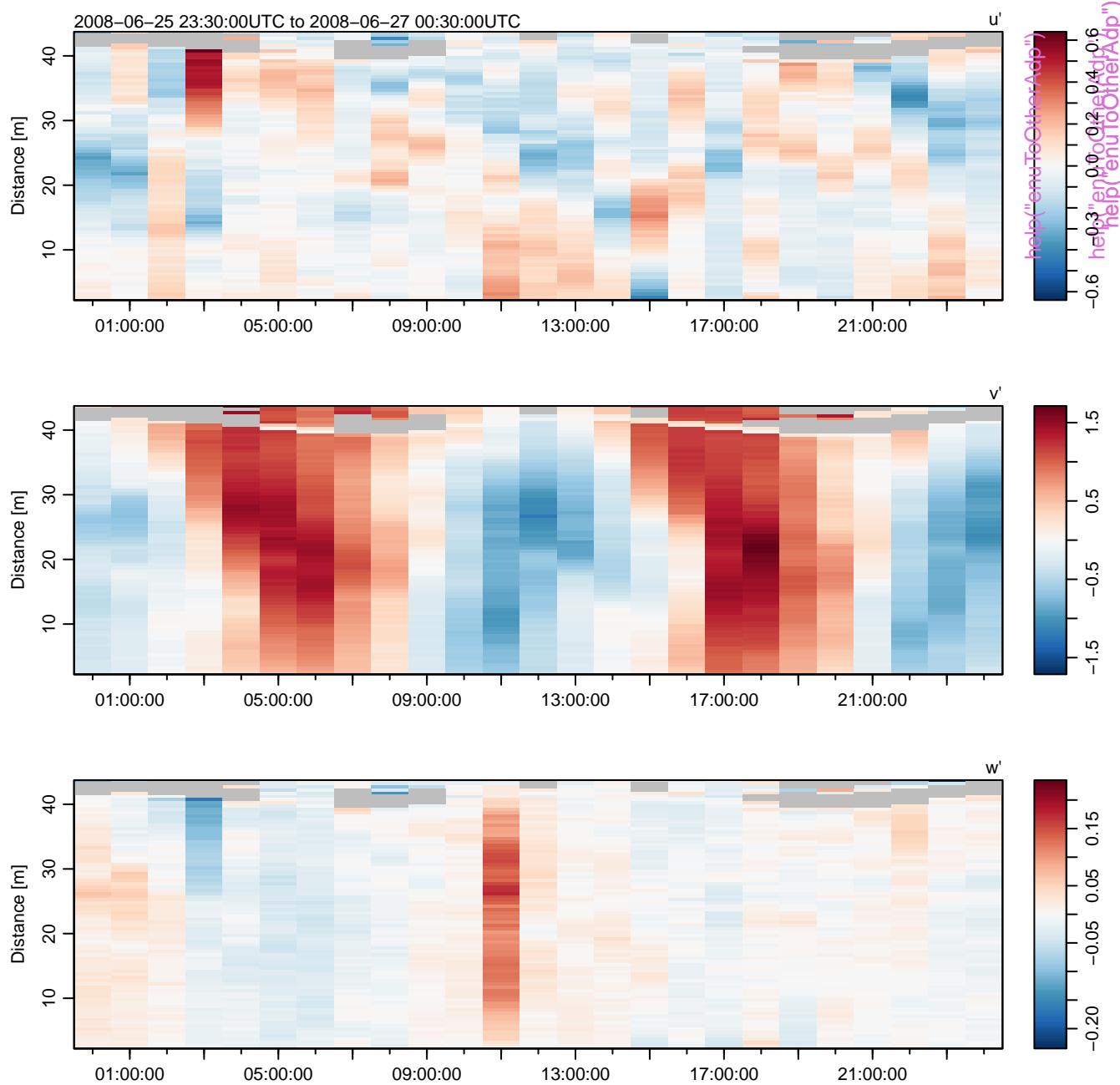


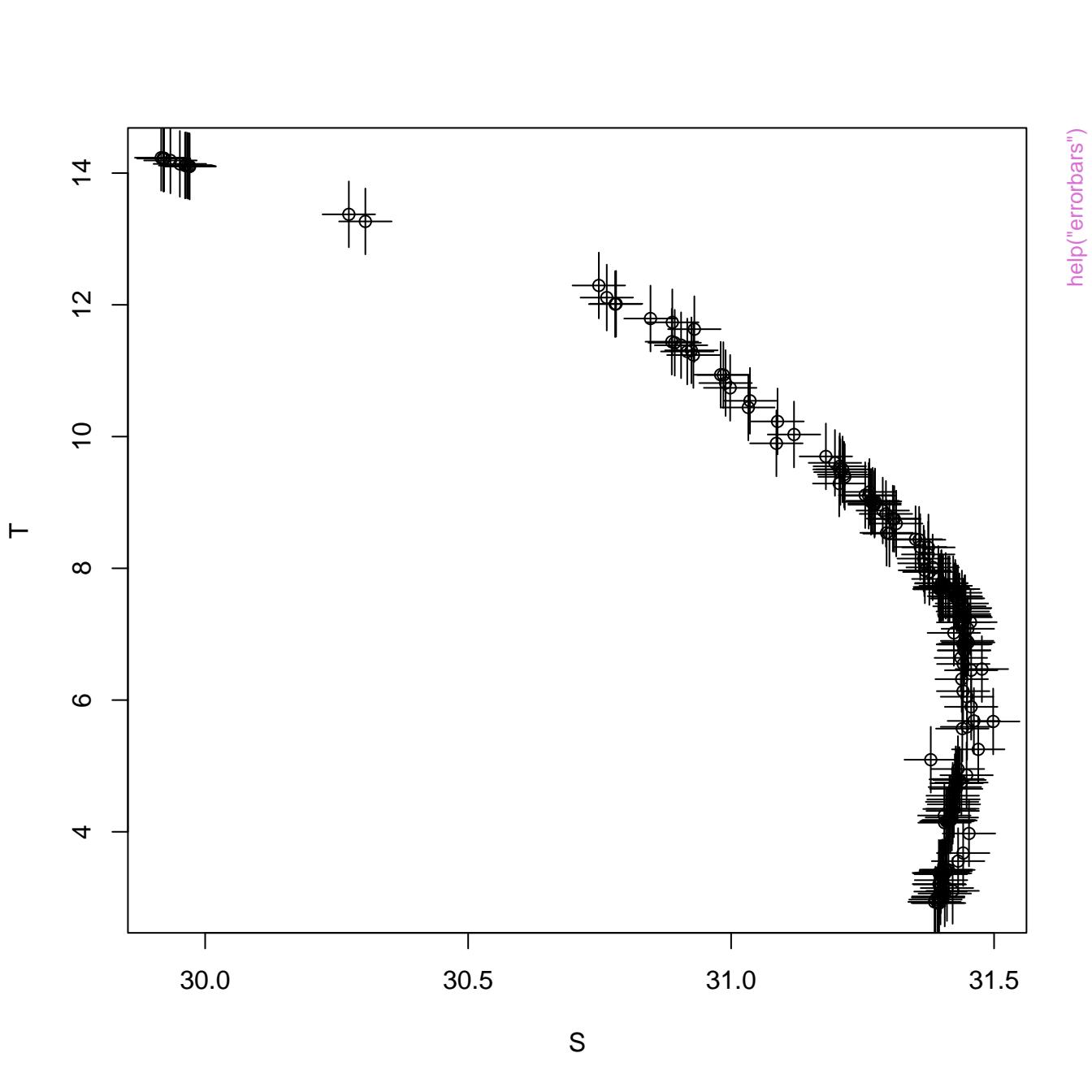
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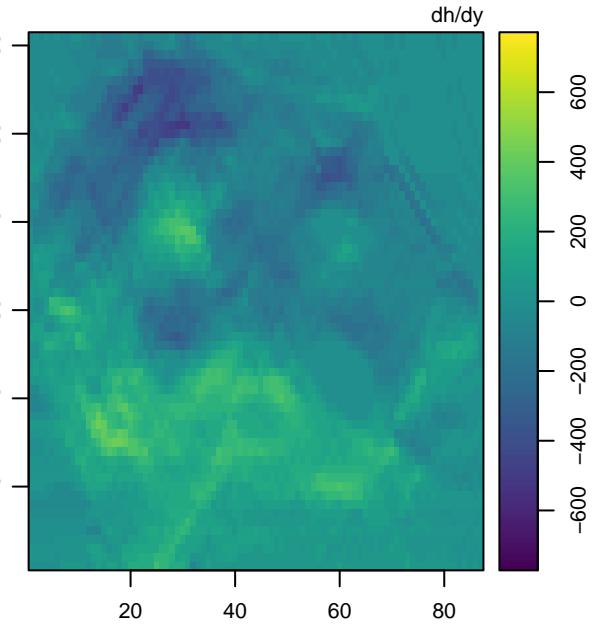
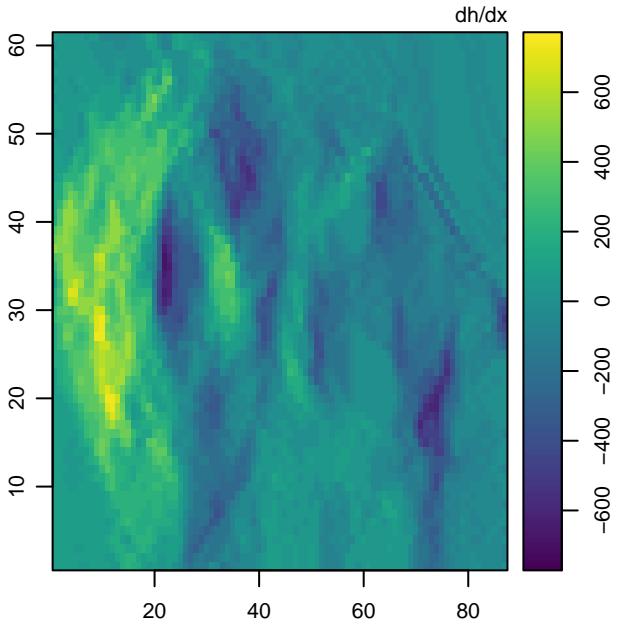
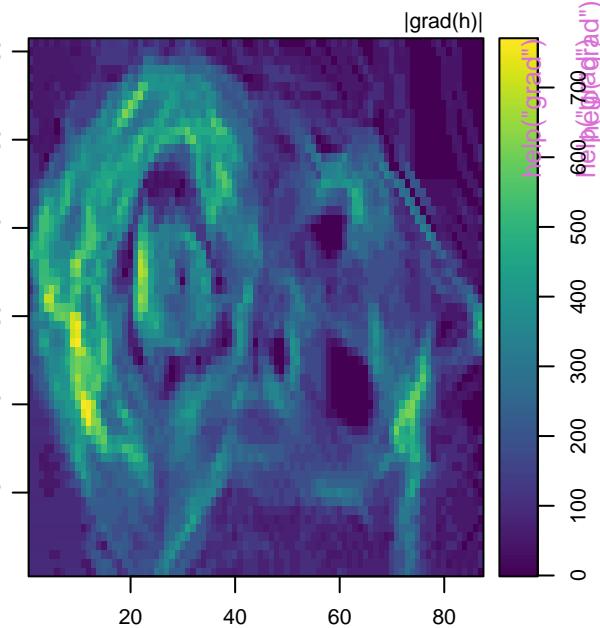
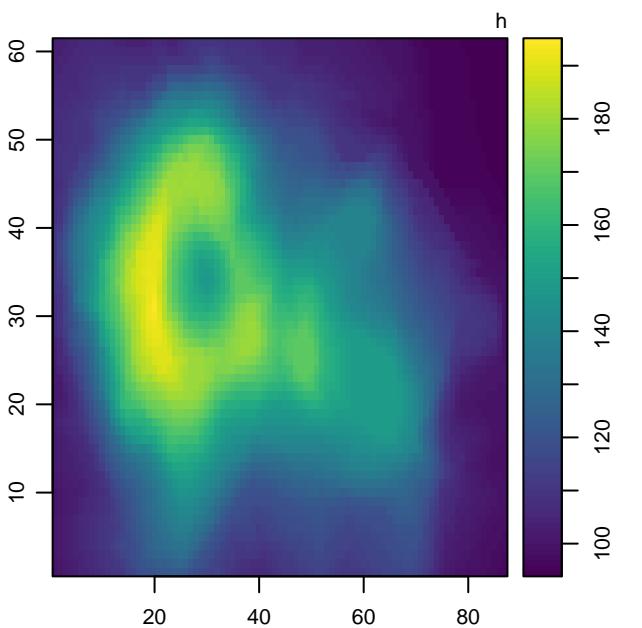


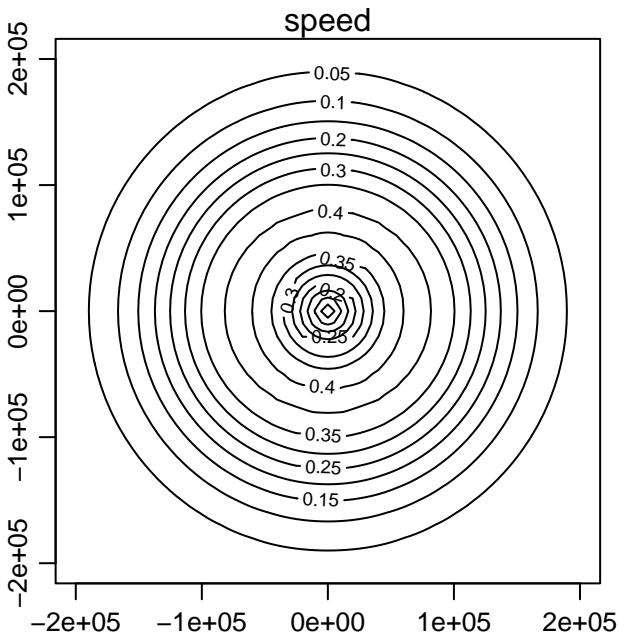
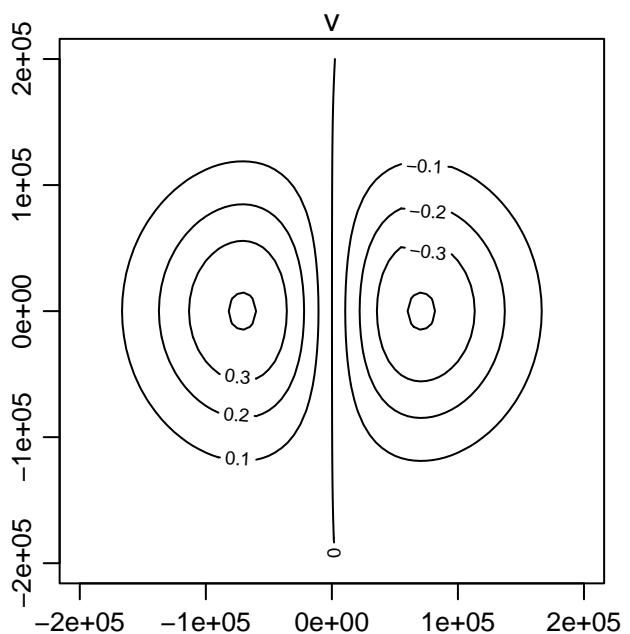
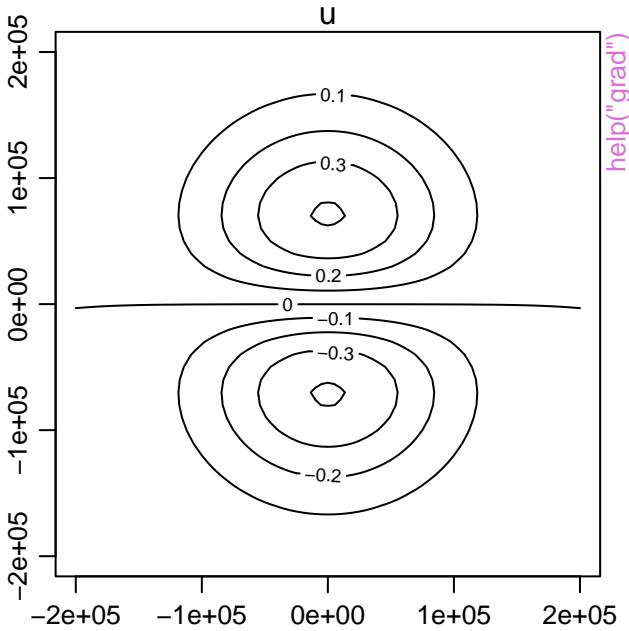
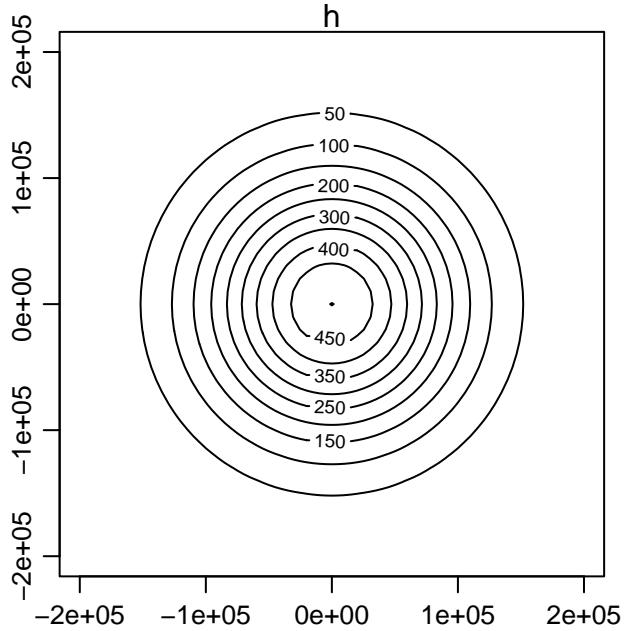








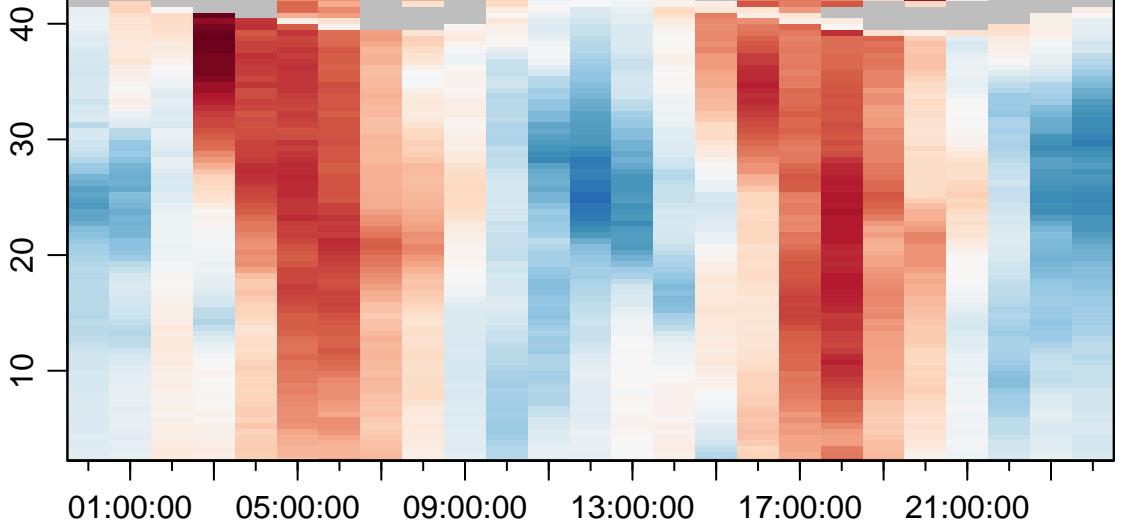




help("grad")

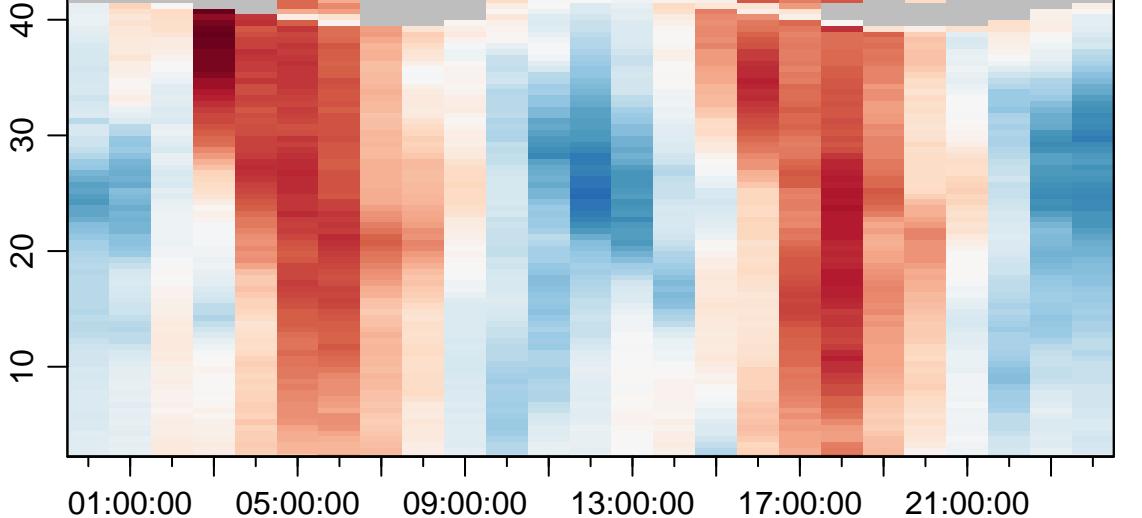
2008-06-25 23:30:00UTC to 2008-06-27 00:30:00UTC east

Distance [m]

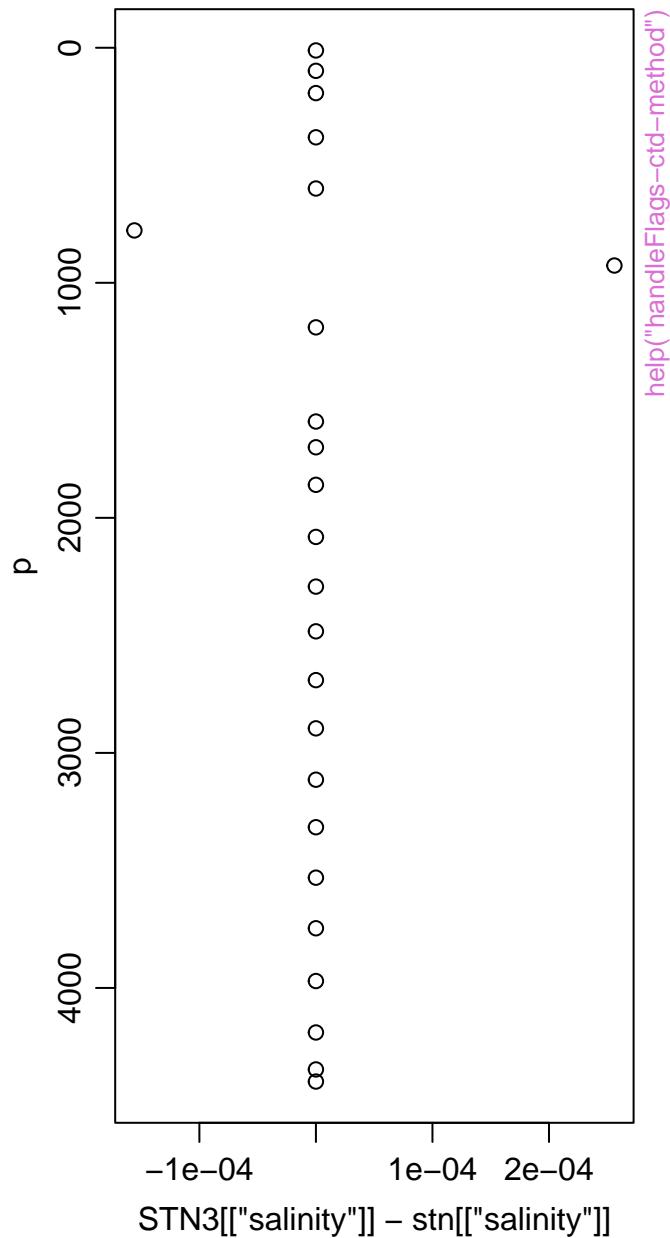
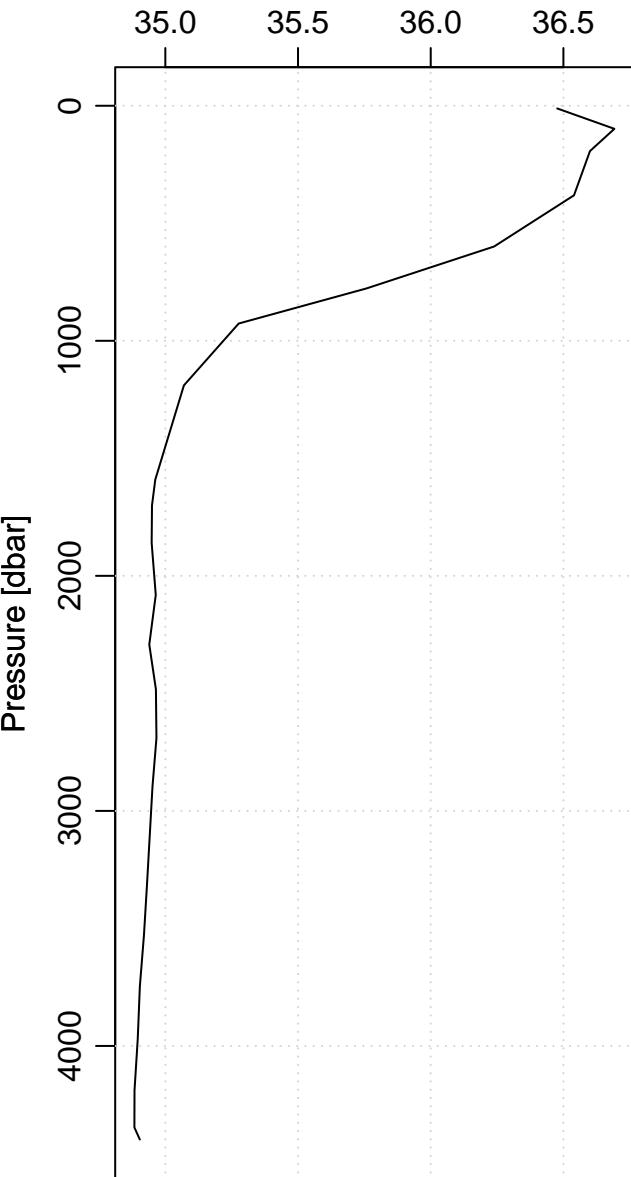


2008-06-25 23:30:00UTC to 2008-06-27 00:30:00UTC east

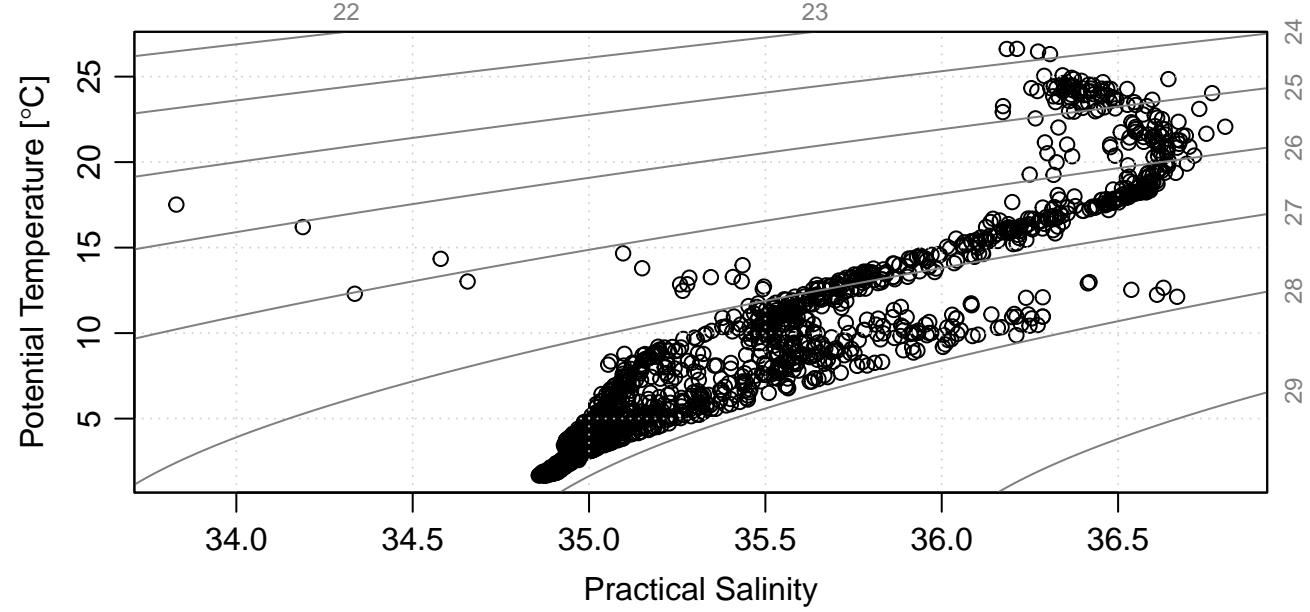
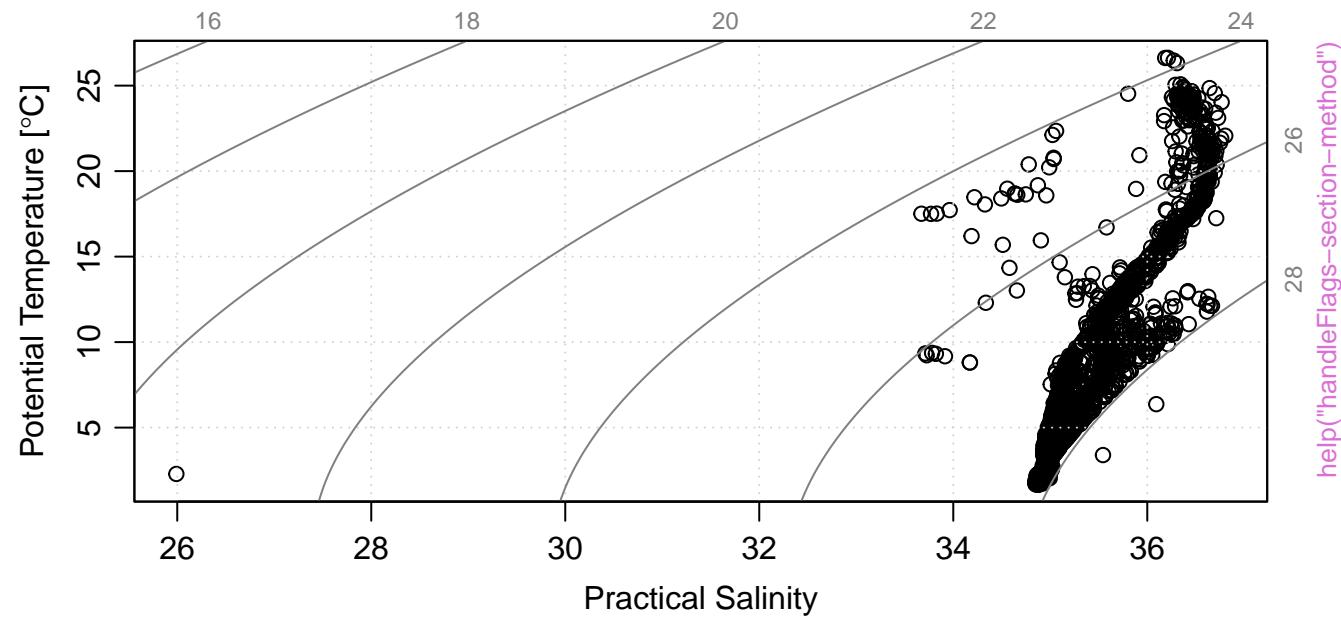
Distance [m]

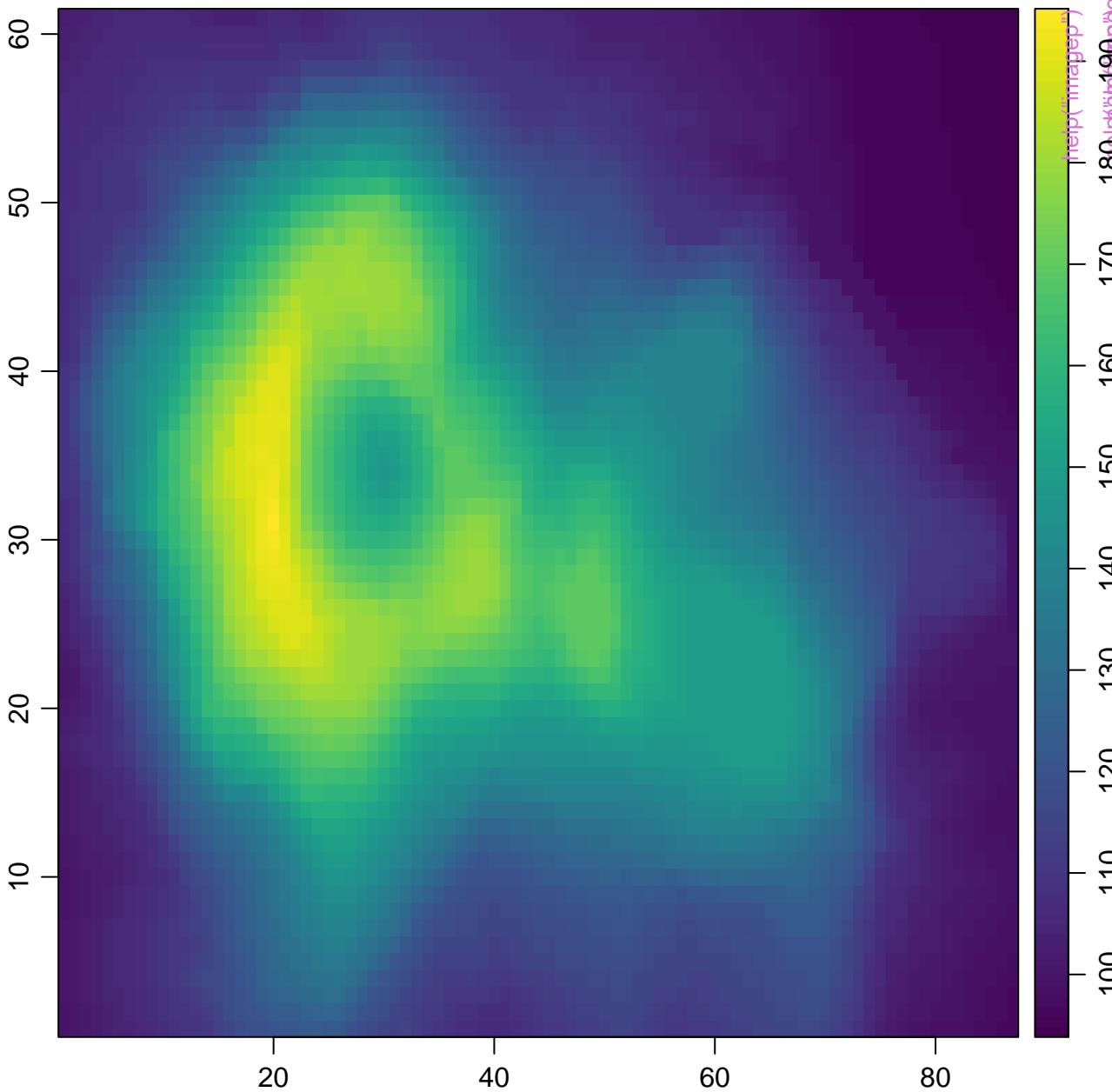


Practical Salinity

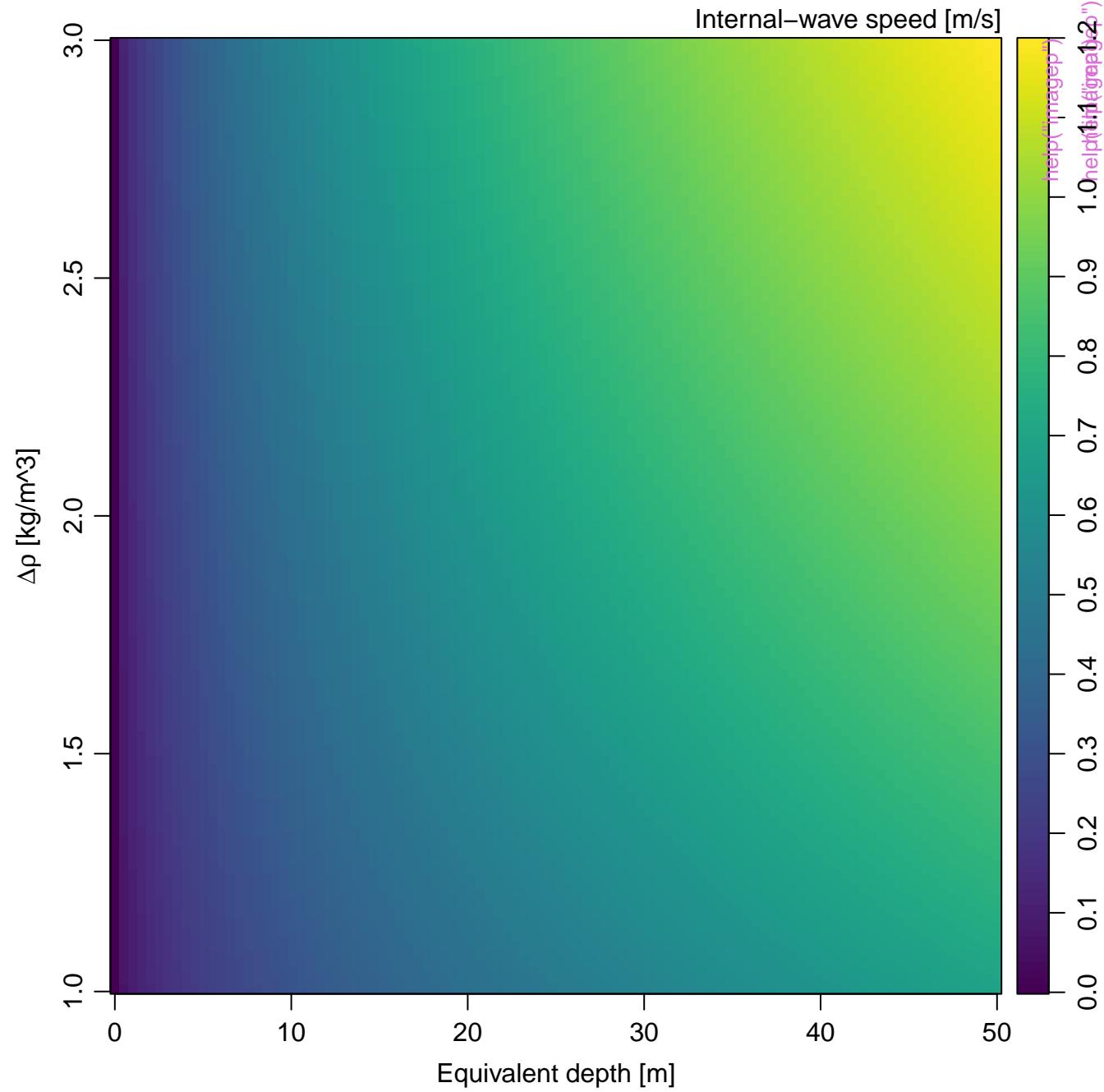


help("handleFlags-ctd-method")





Internal-wave speed [m/s]



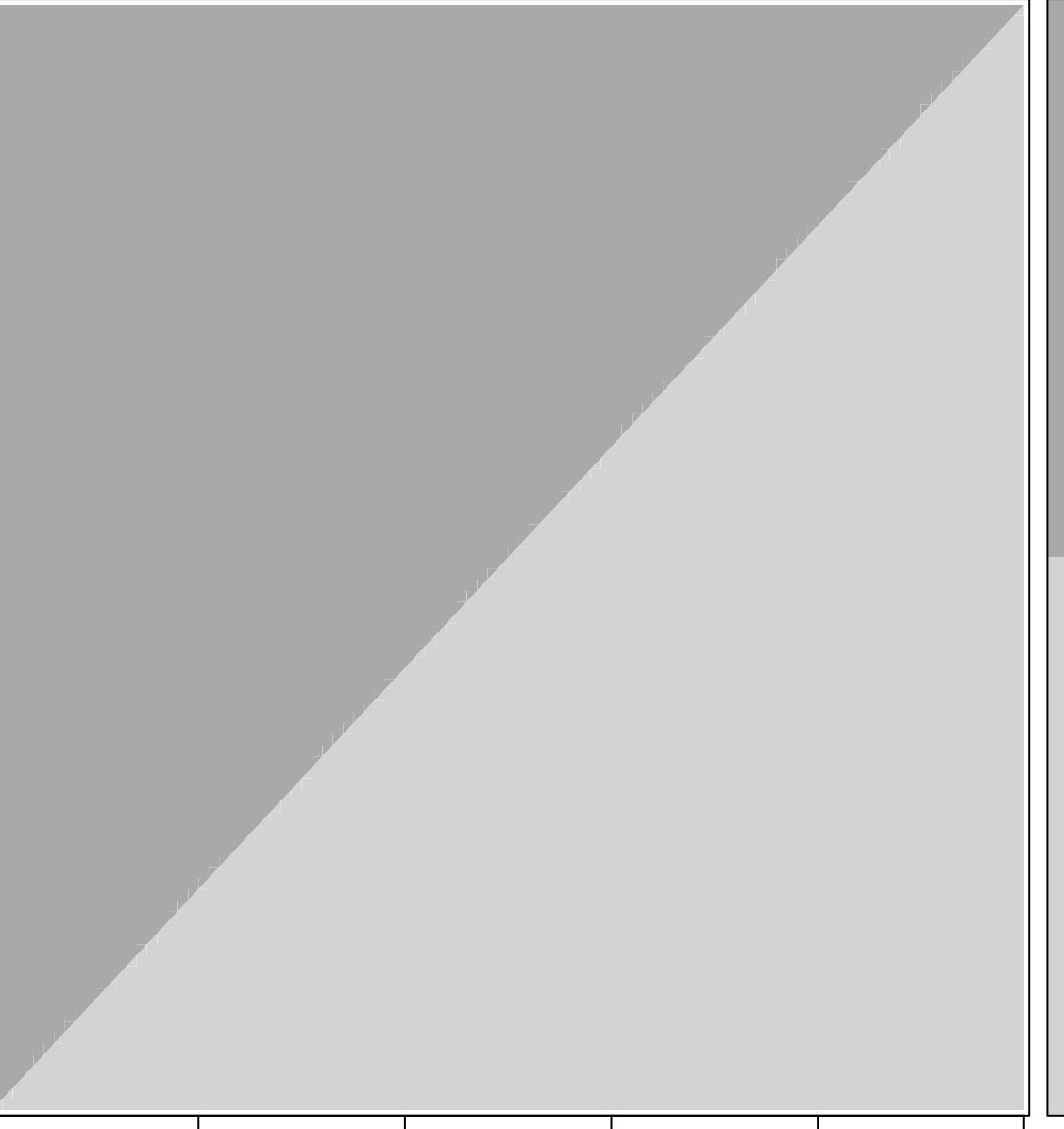
help('imagepi')
help('imagepi/2')

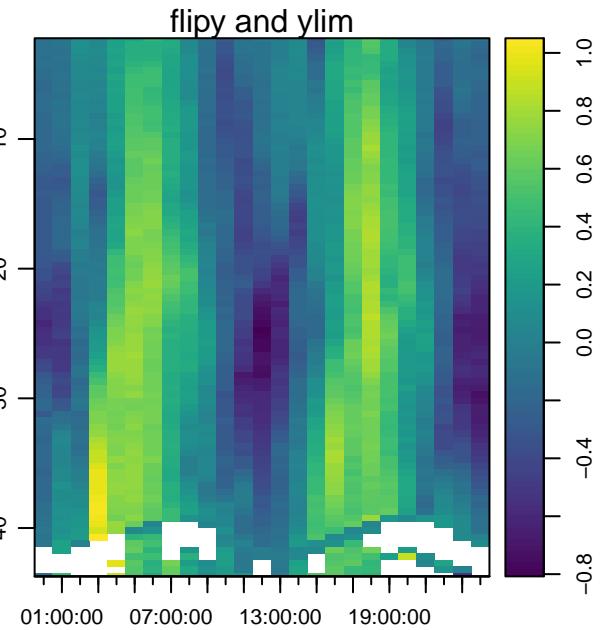
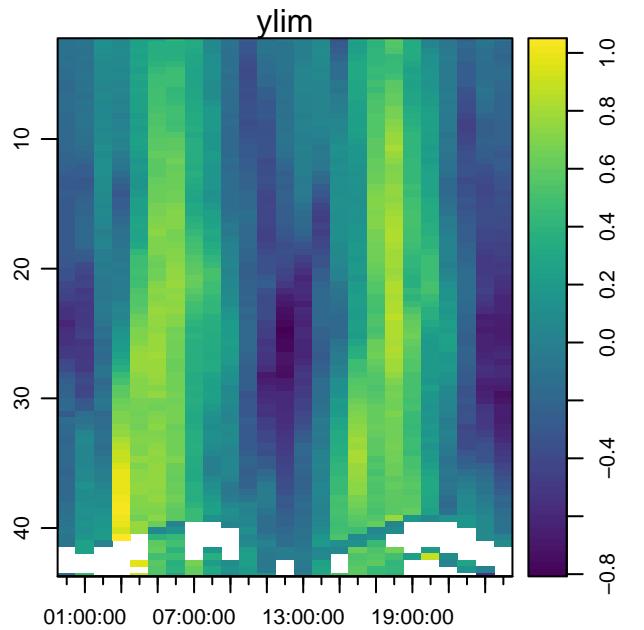
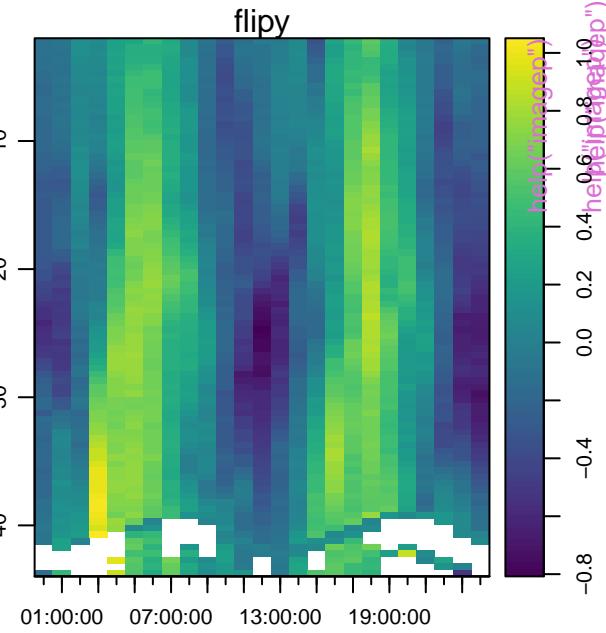
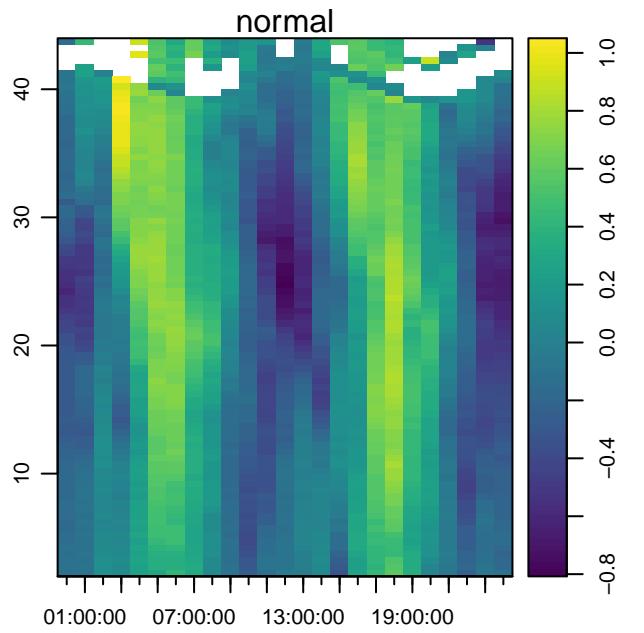
pi/4

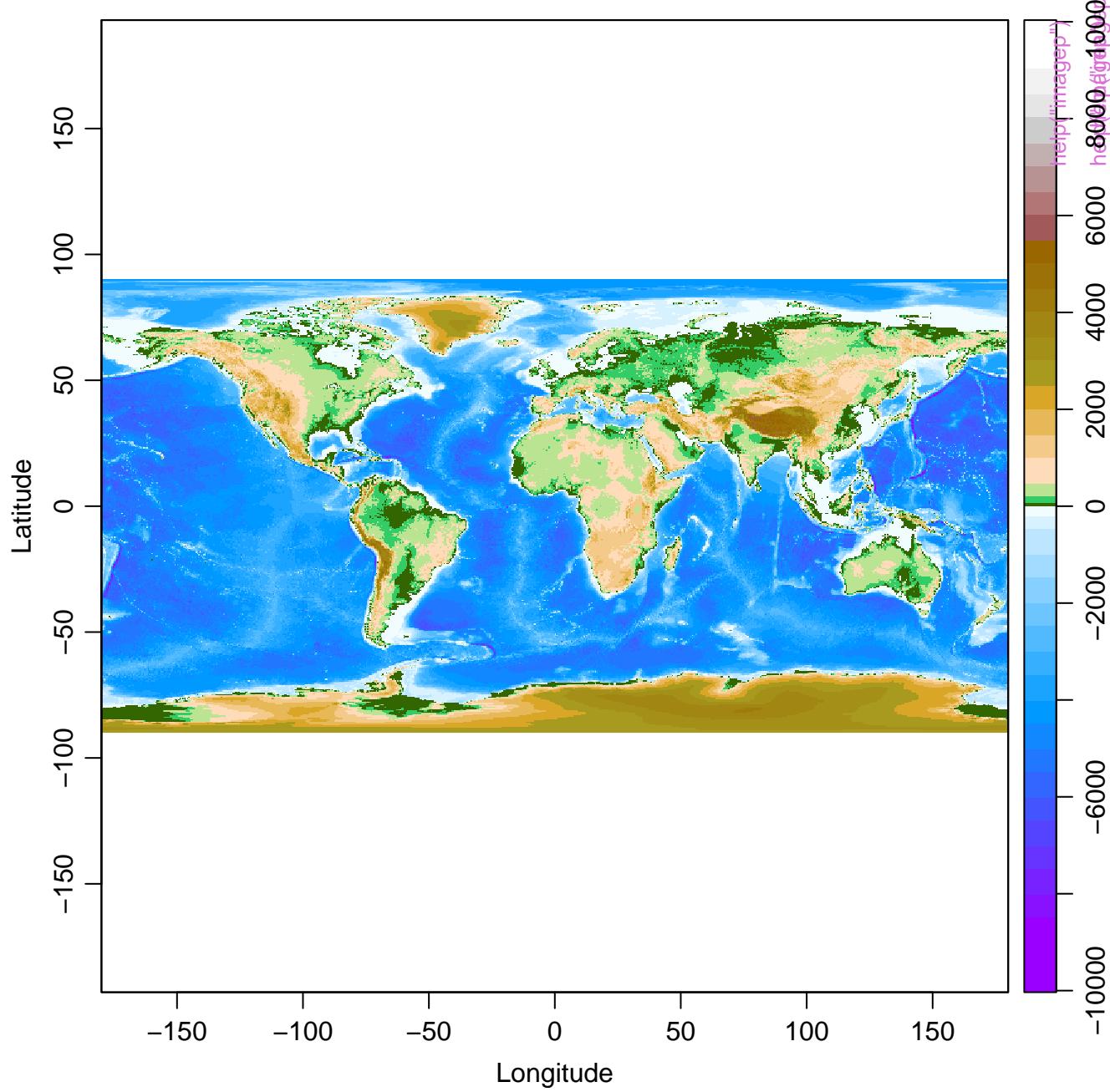
1.0
0.8
0.6
0.4
0.2
0.0

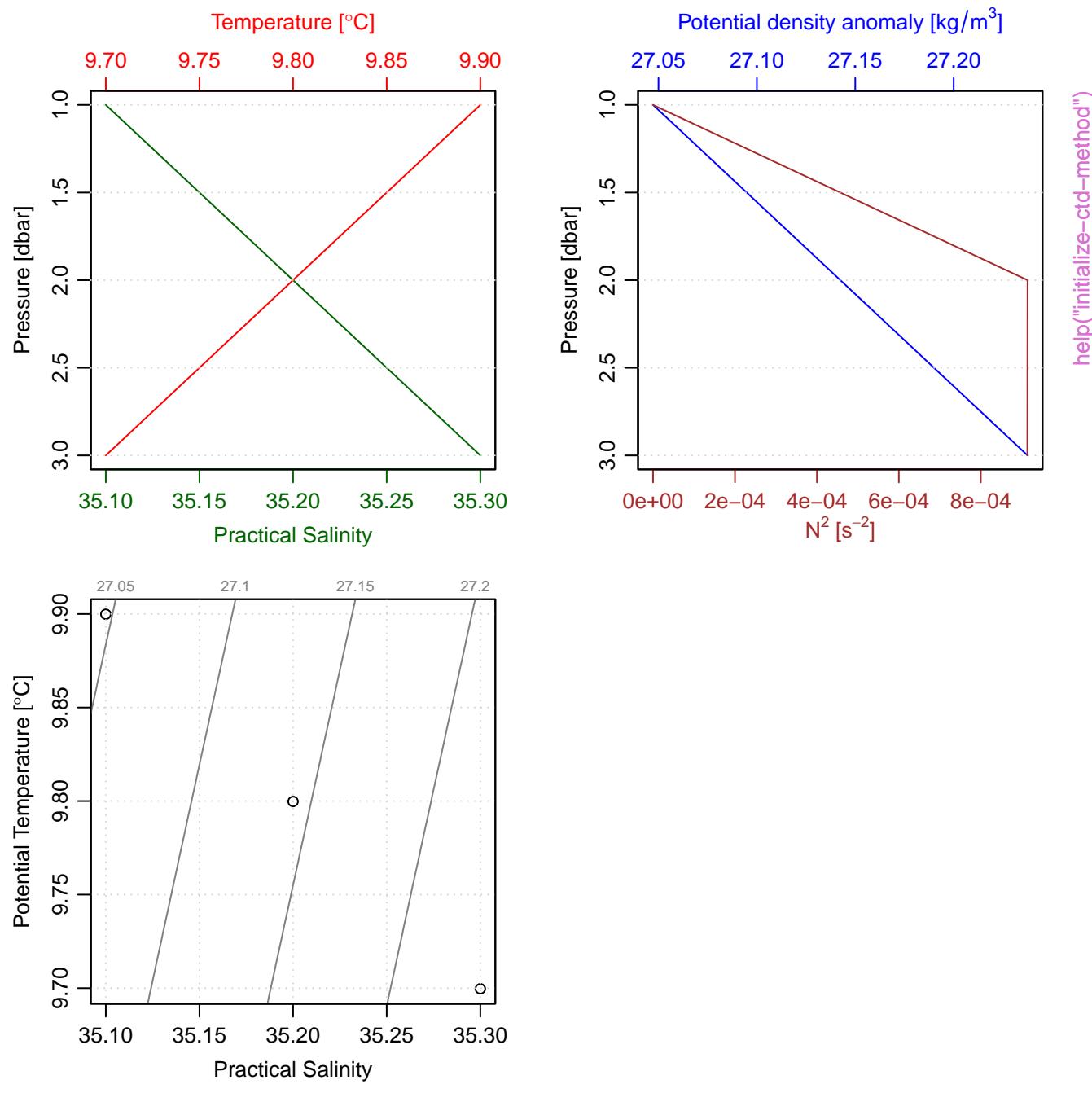
0.0 0.2 0.4 0.6 0.8 1.0

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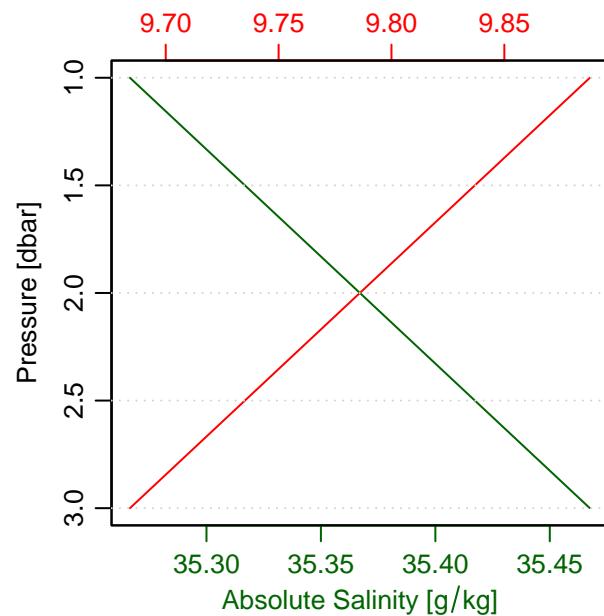




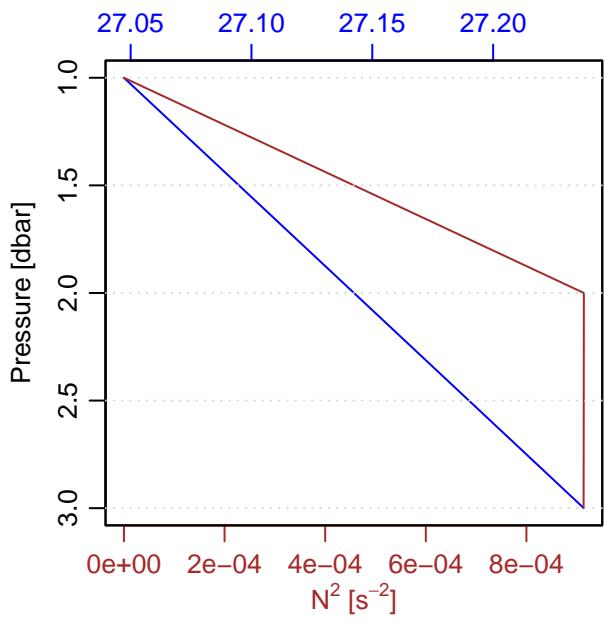




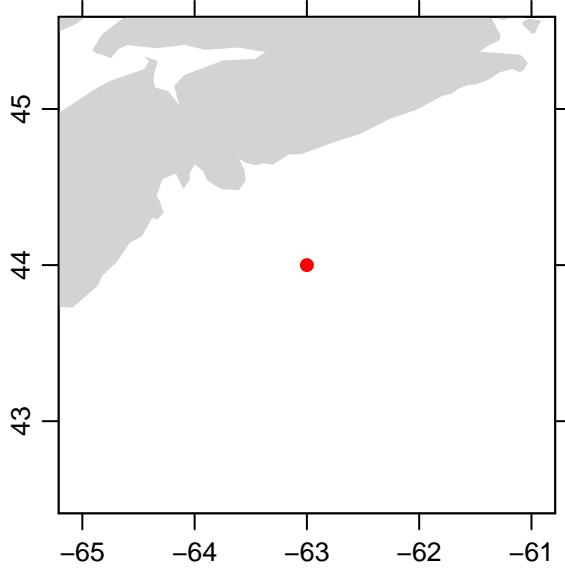
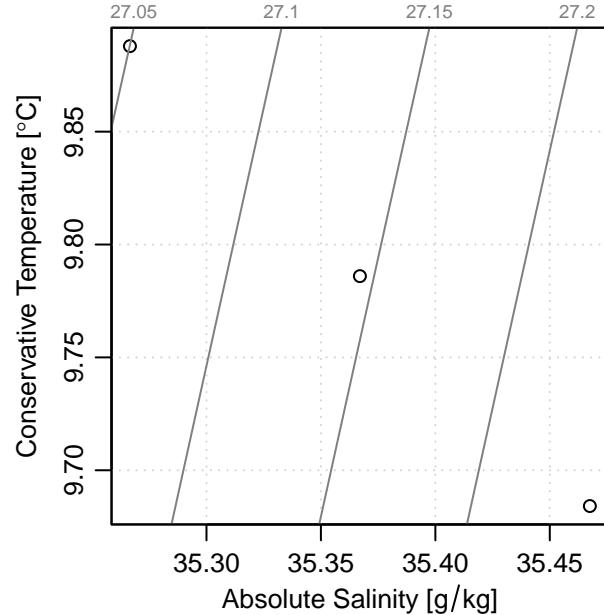
Conservative Temperature [°C]



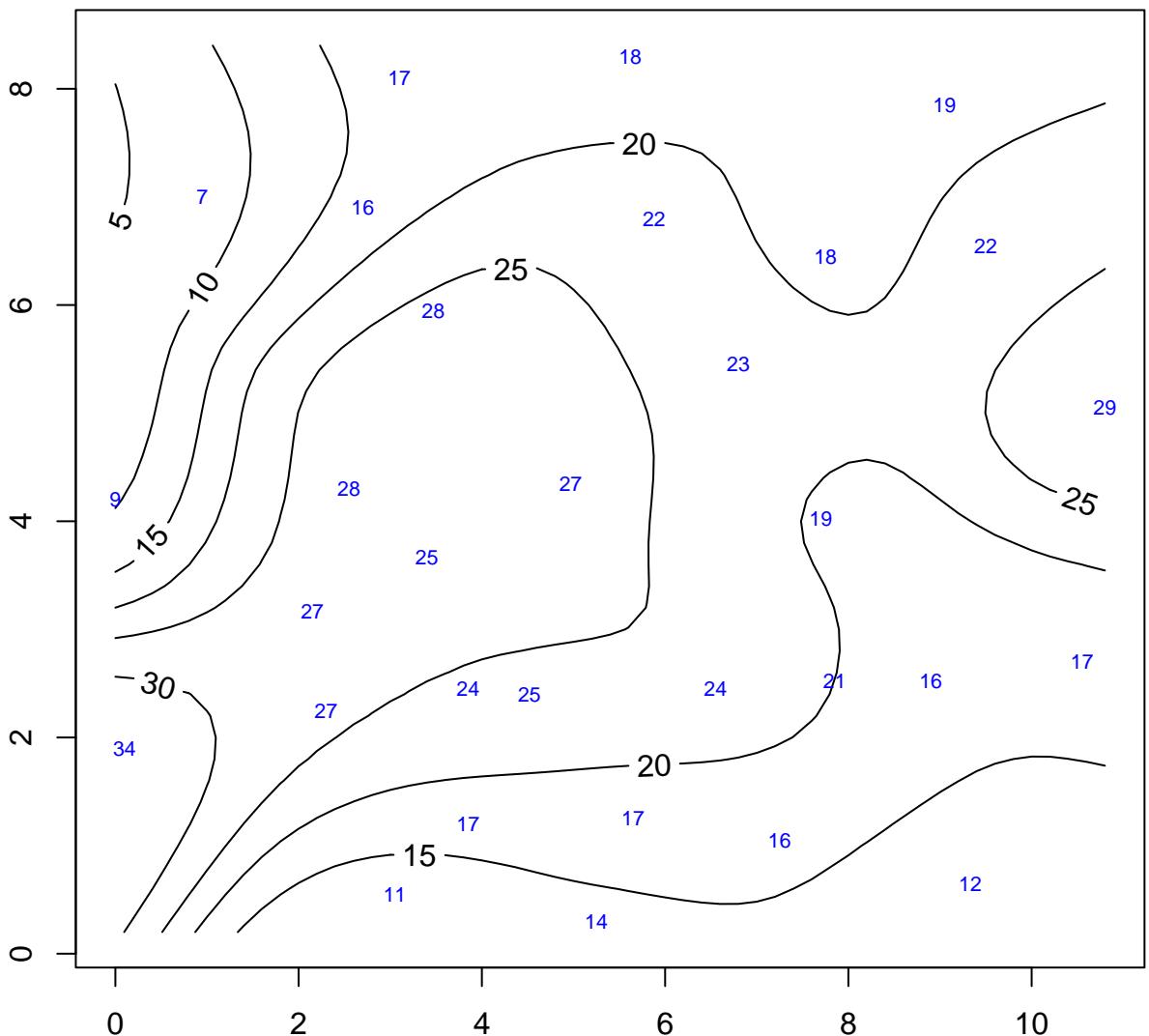
Potential density anomaly wrt surface [kg/m³]



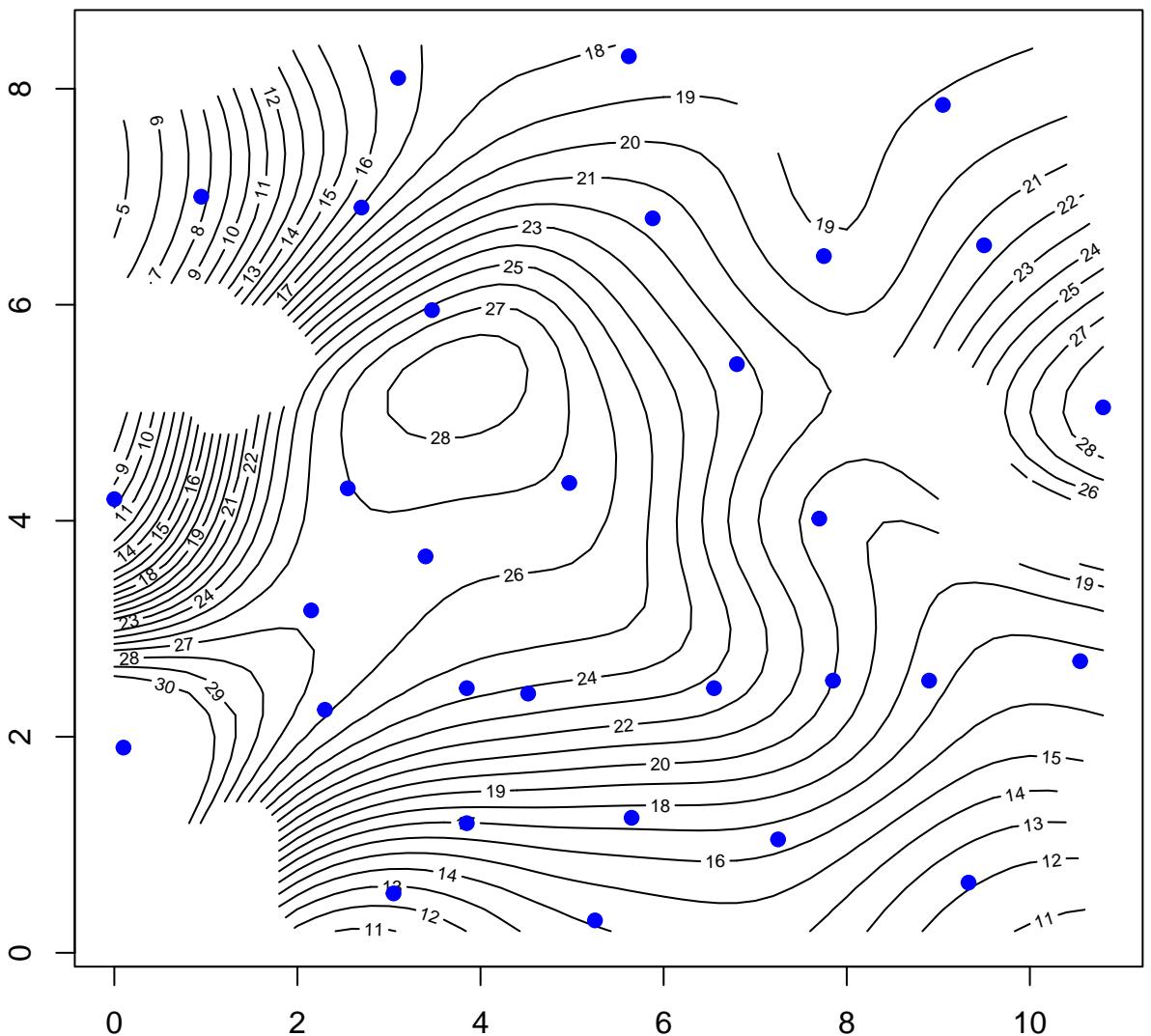
help("initialize_ctd-method")



Numbers are the data

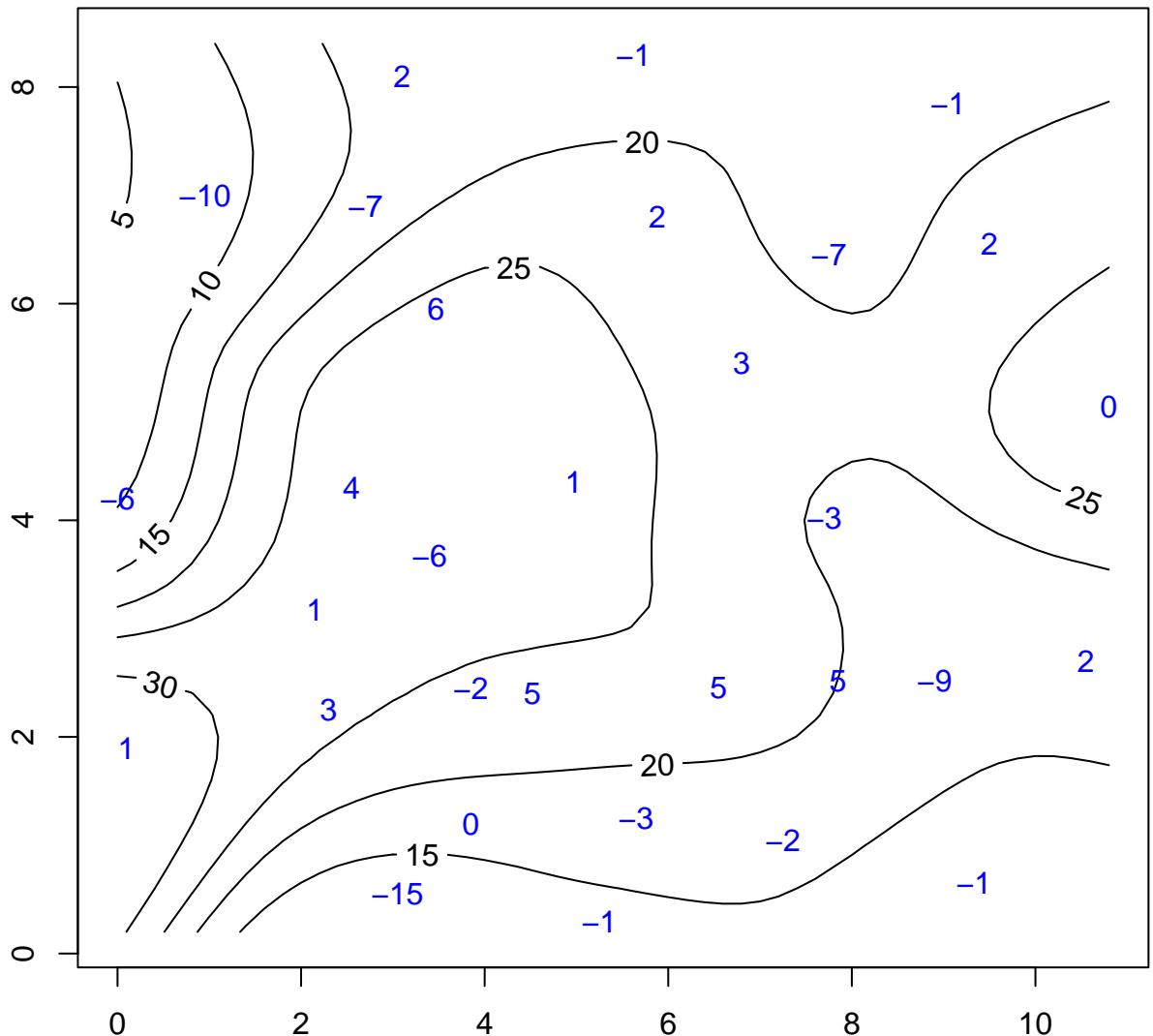


help("interpBarnes")

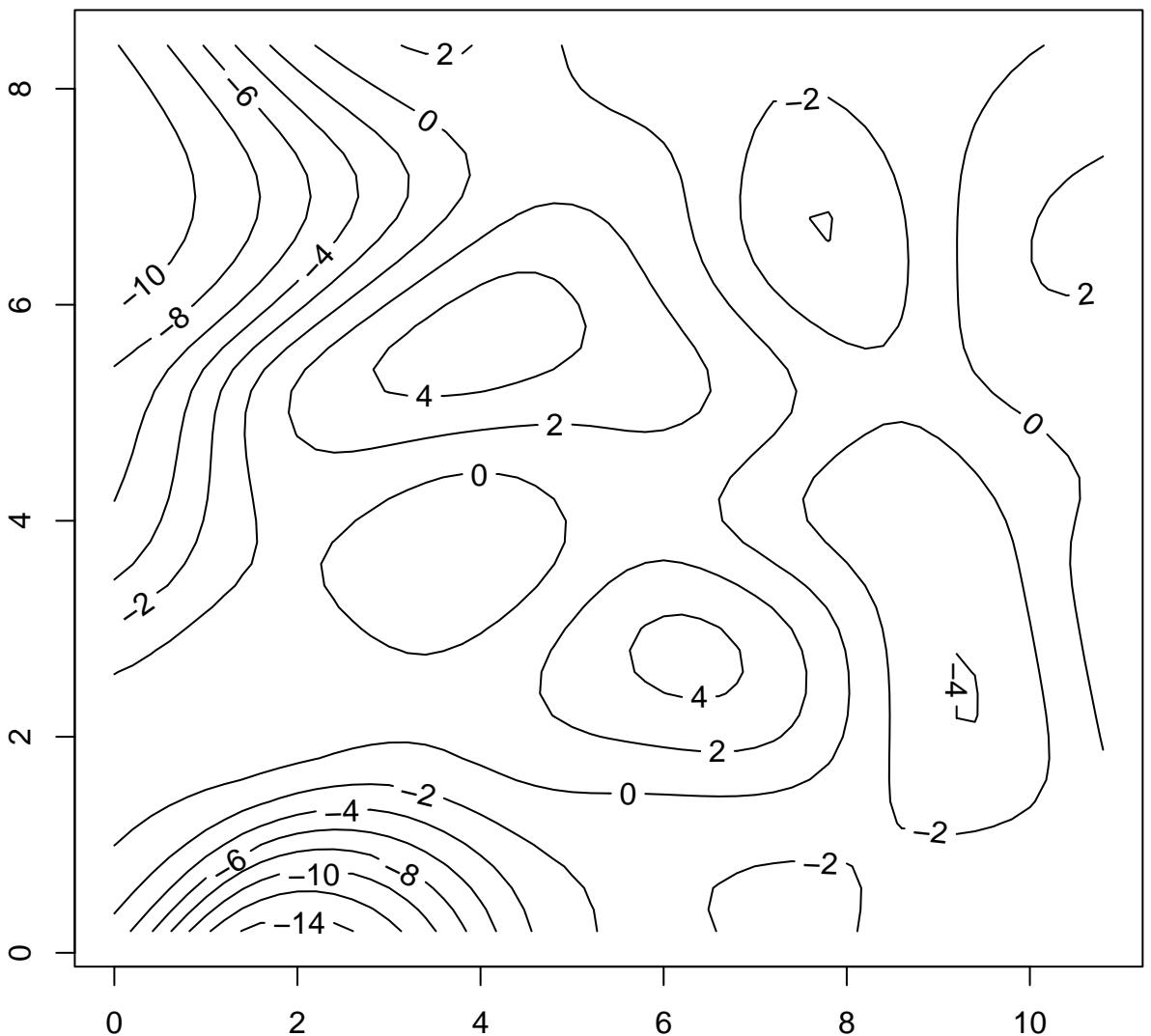


help("interpBarnes")

Numbers are percent mismatch between grid and data

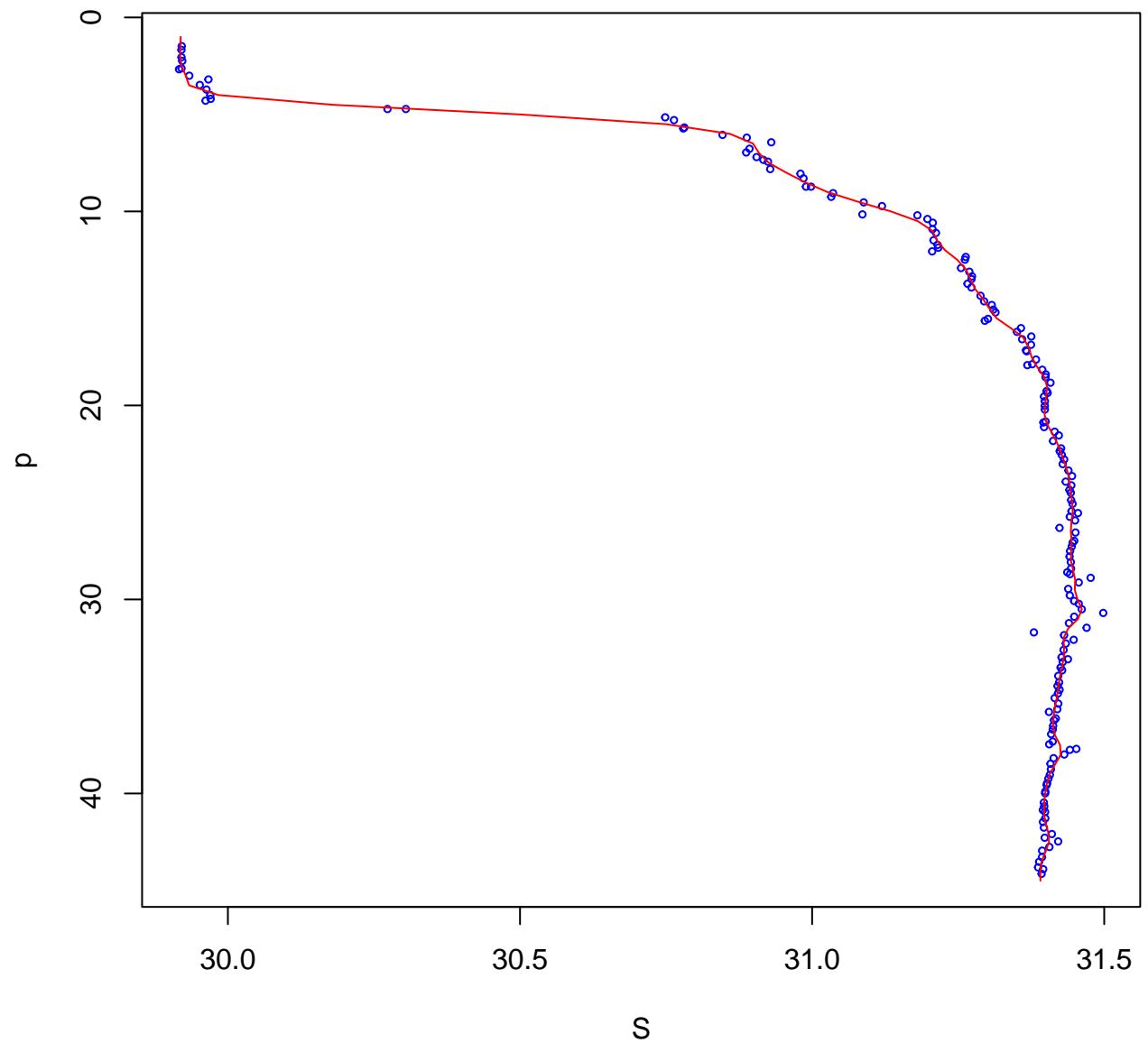


help("interpBarnes")

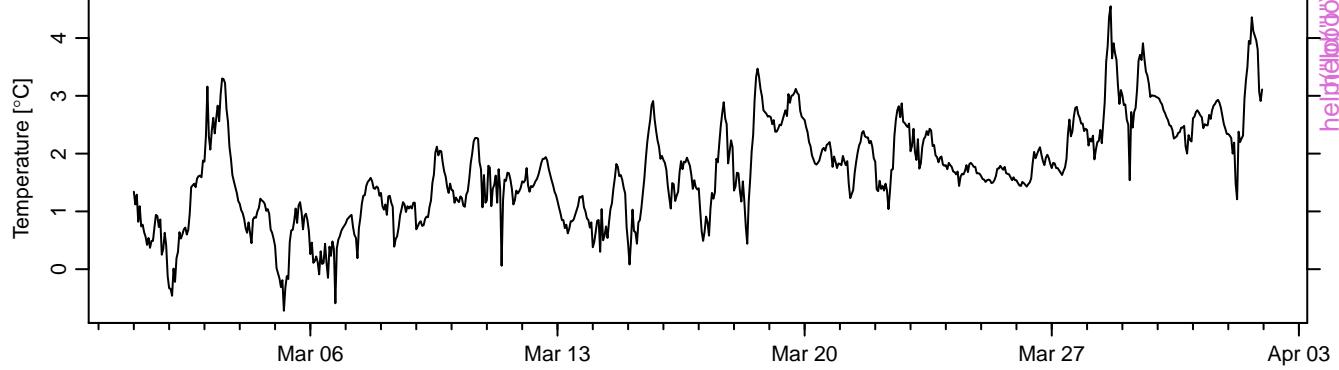


help("interpBarnes")

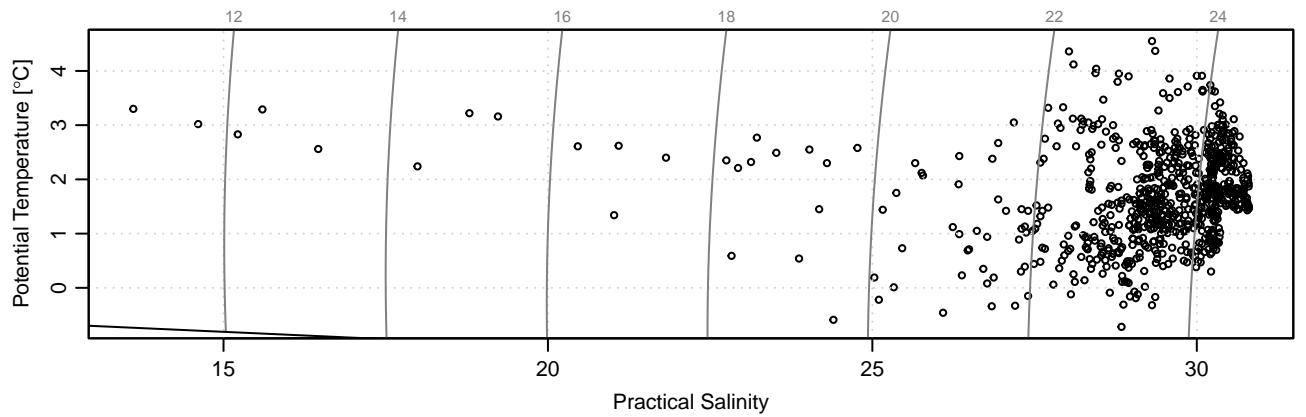
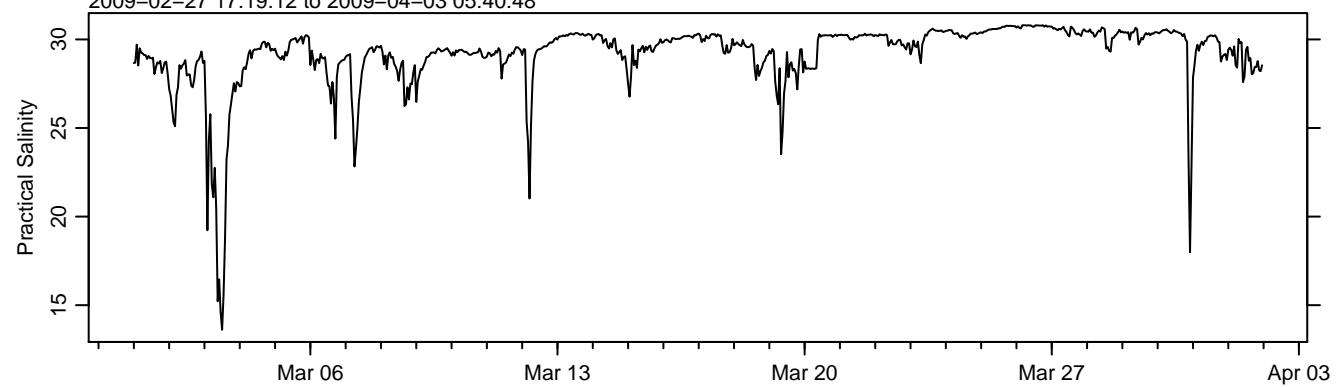
help("interpBarnes")



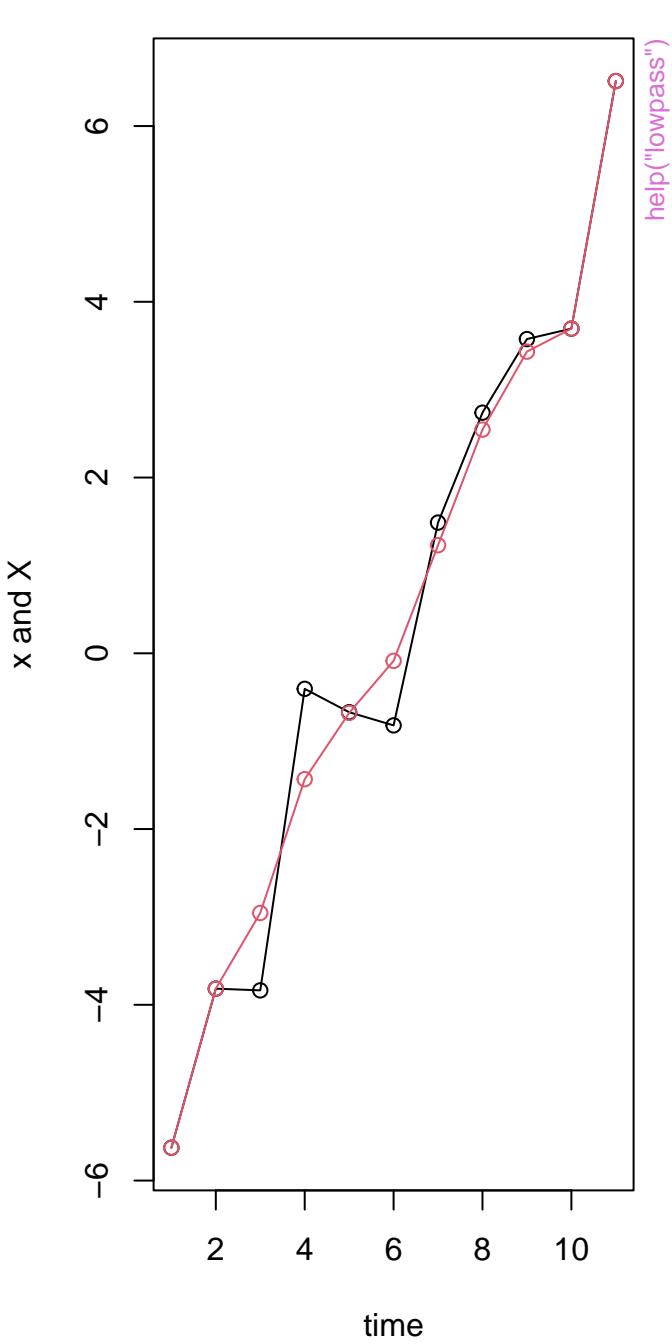
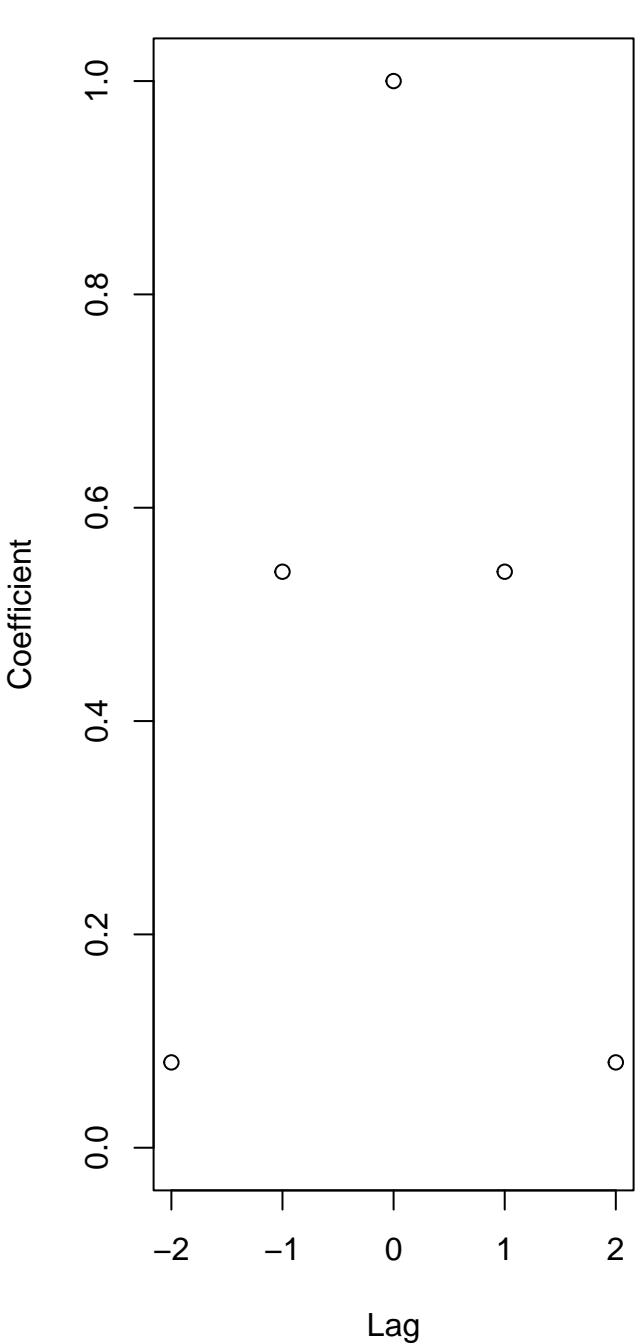
2009-02-27 17:19:12 to 2009-04-03 05:40:48



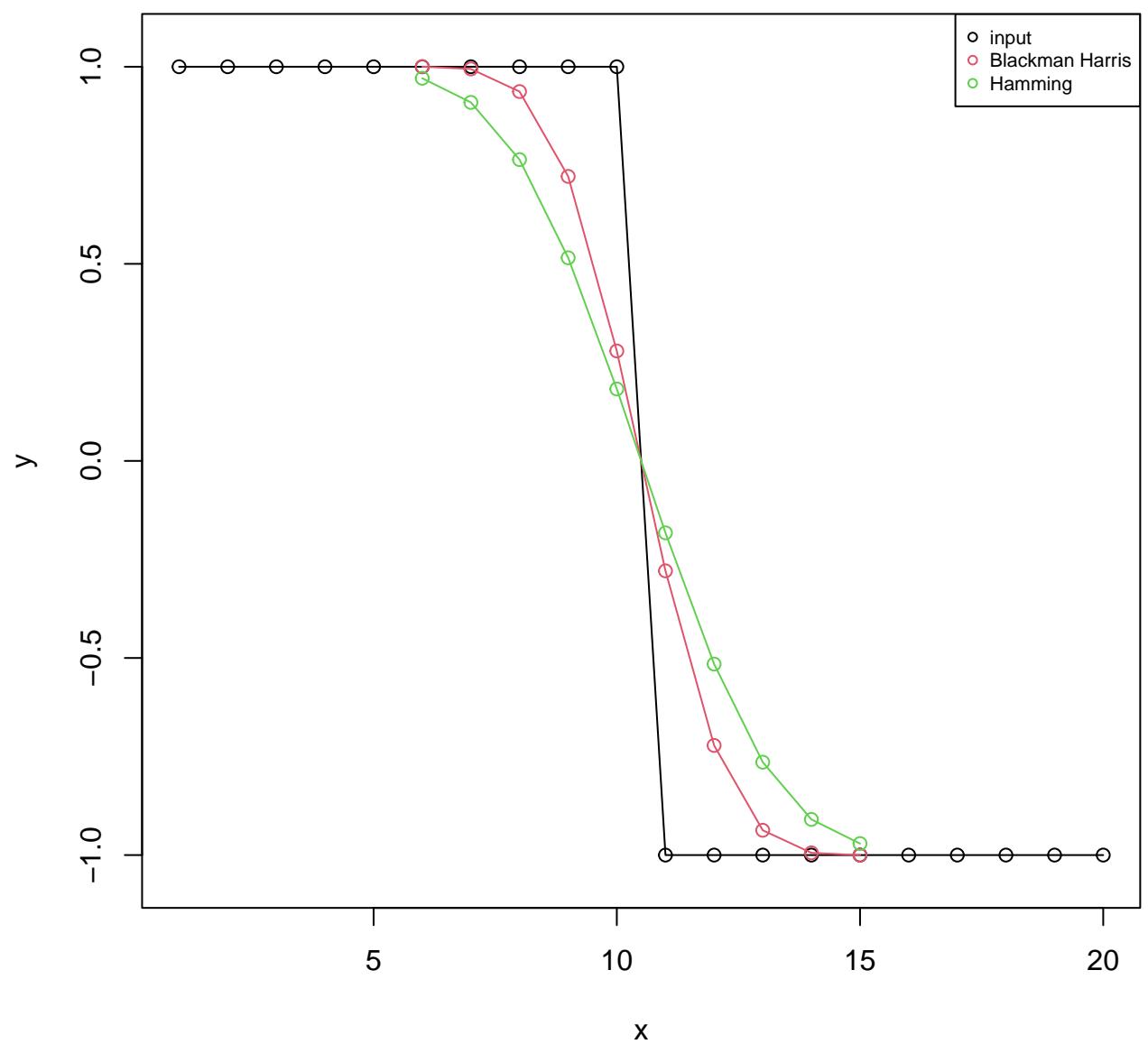
2009-02-27 17:19:12 to 2009-04-03 05:40:48



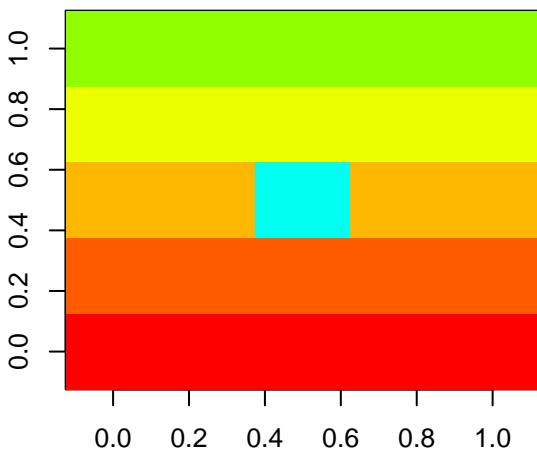
helpful("dbbo")



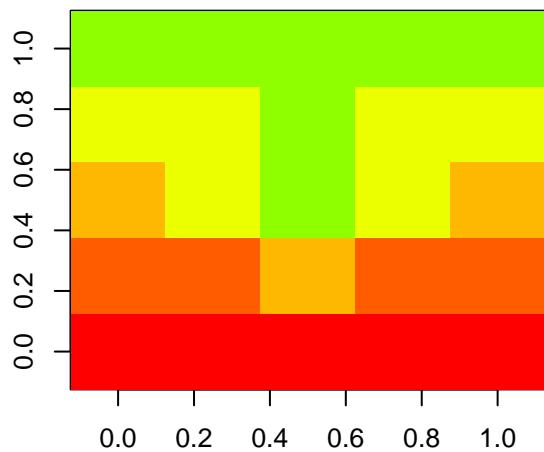
help("makeFilter")



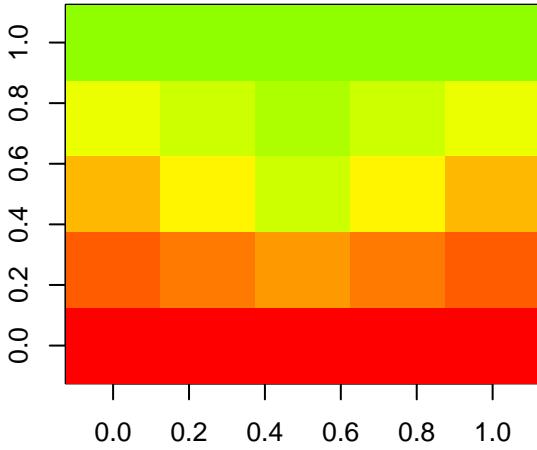
original image



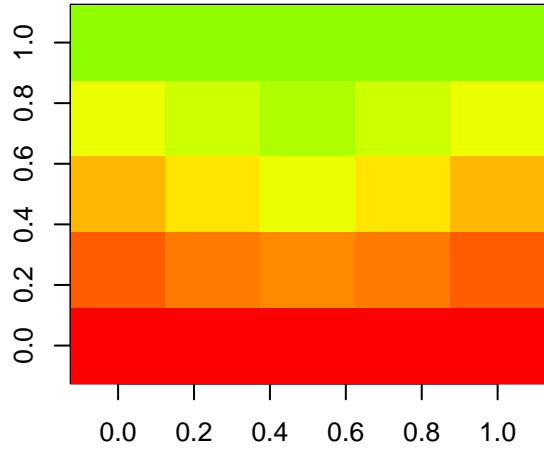
smoothed 1 time



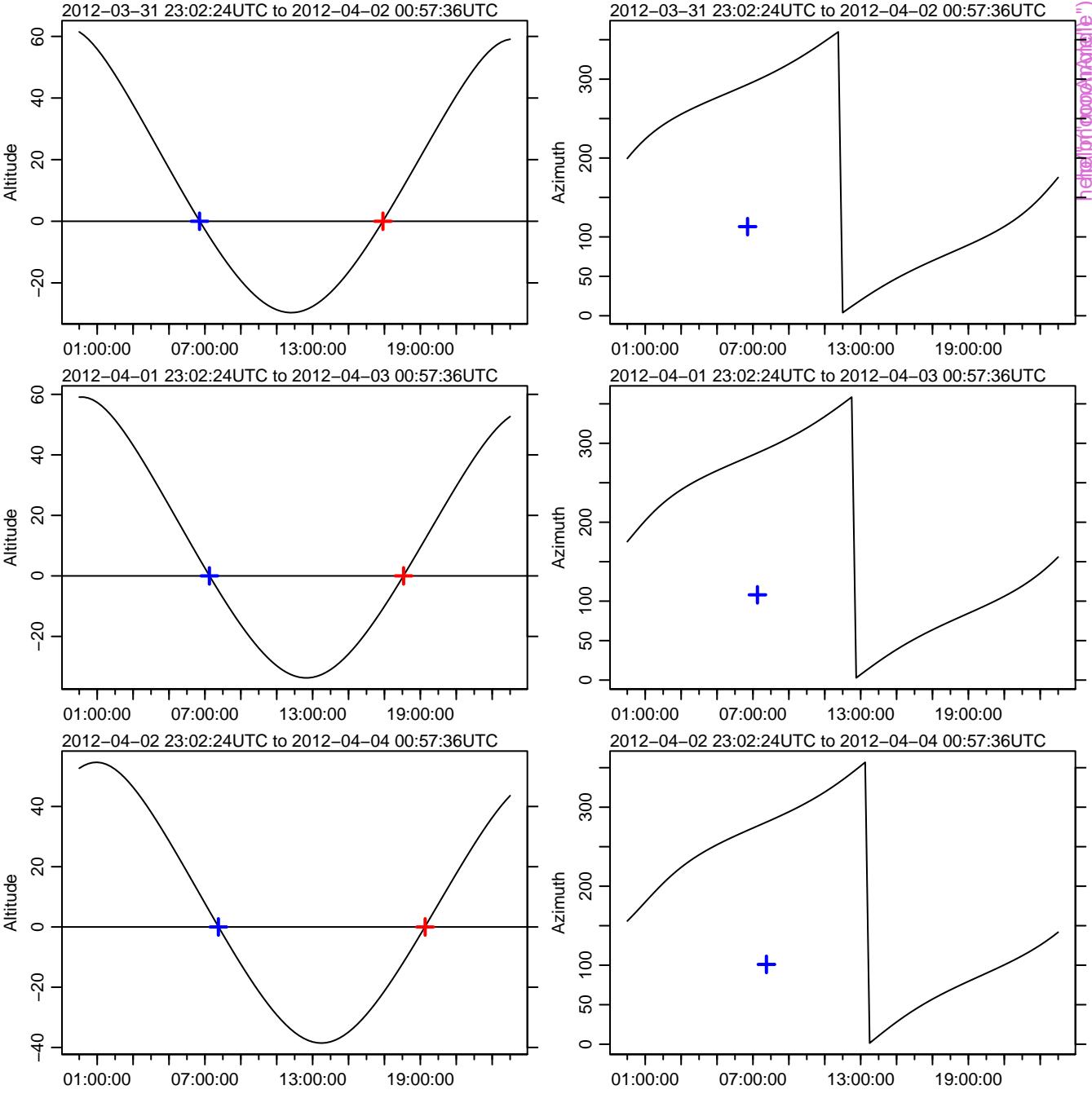
smoothed 2 times



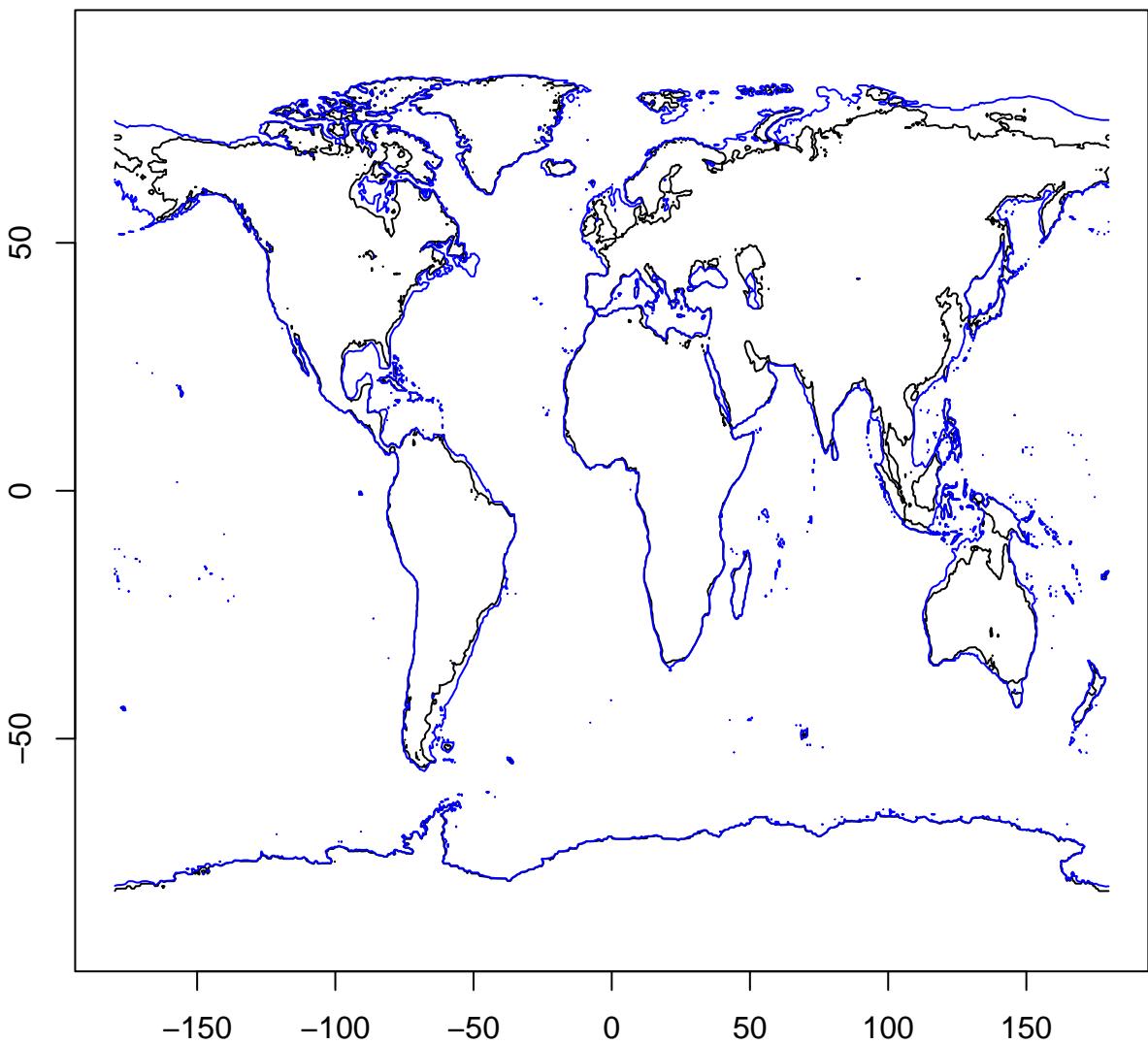
smoothed 3 times

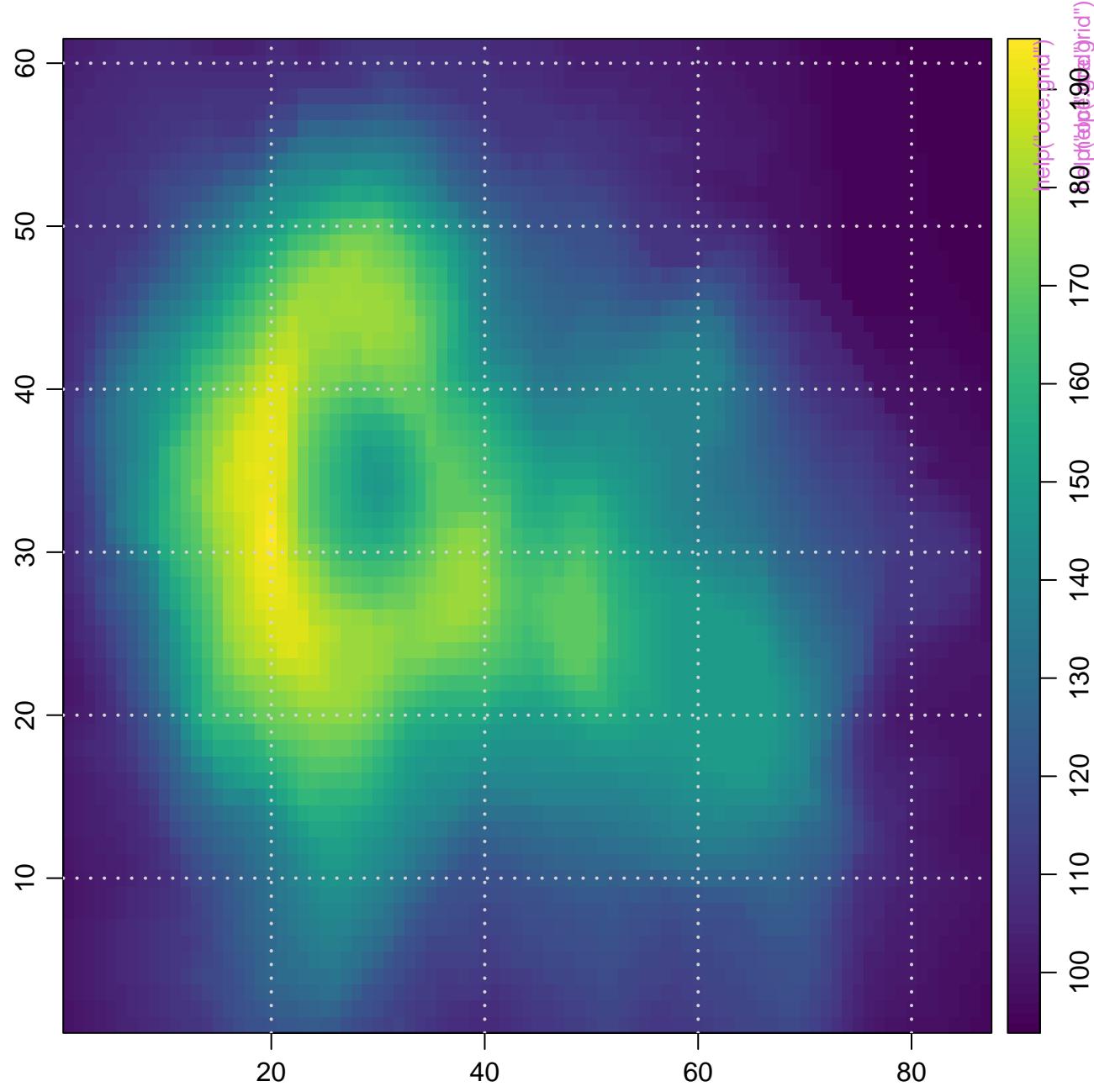


help("matrixSmooth")

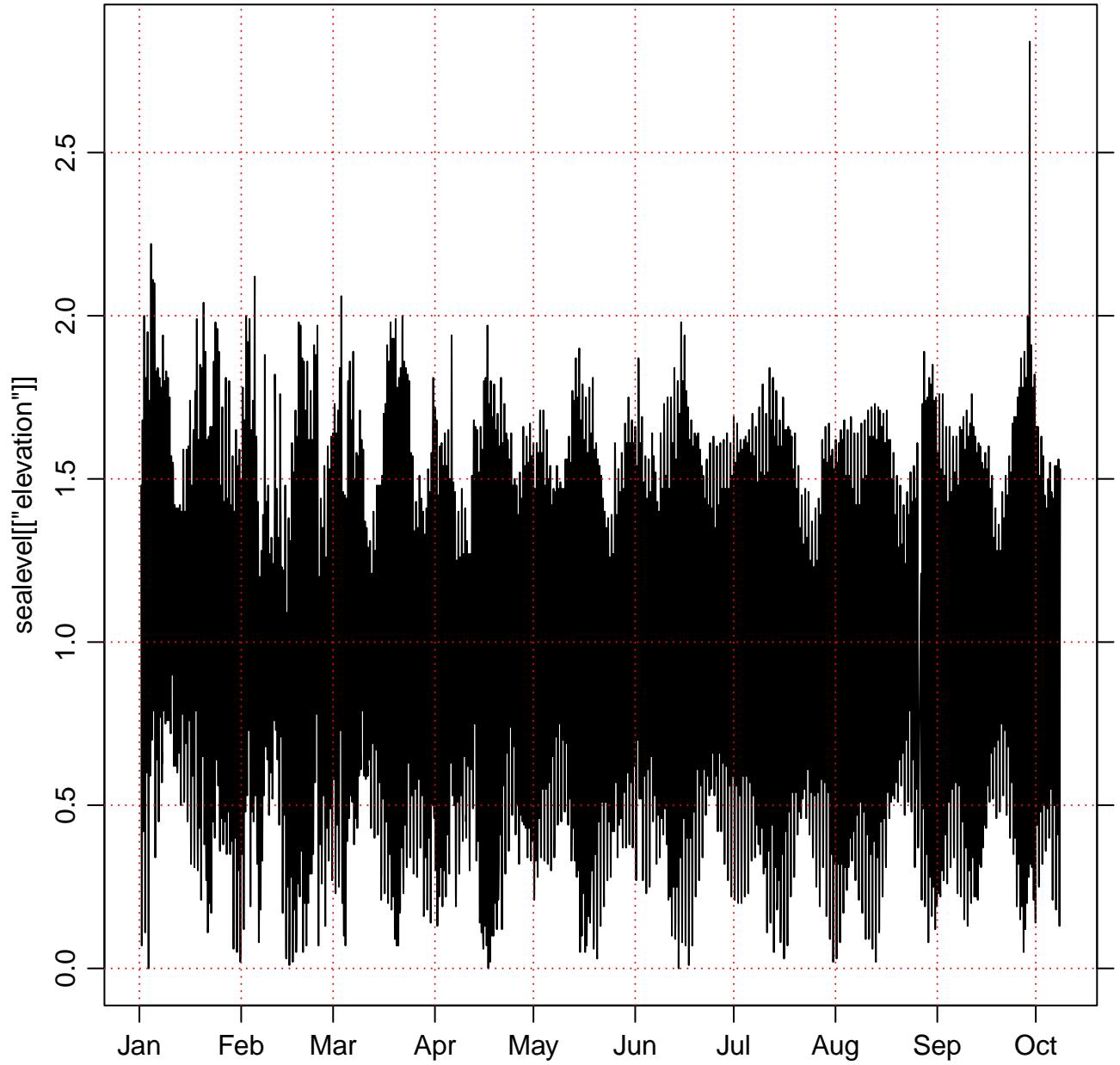


help("oce,contour")

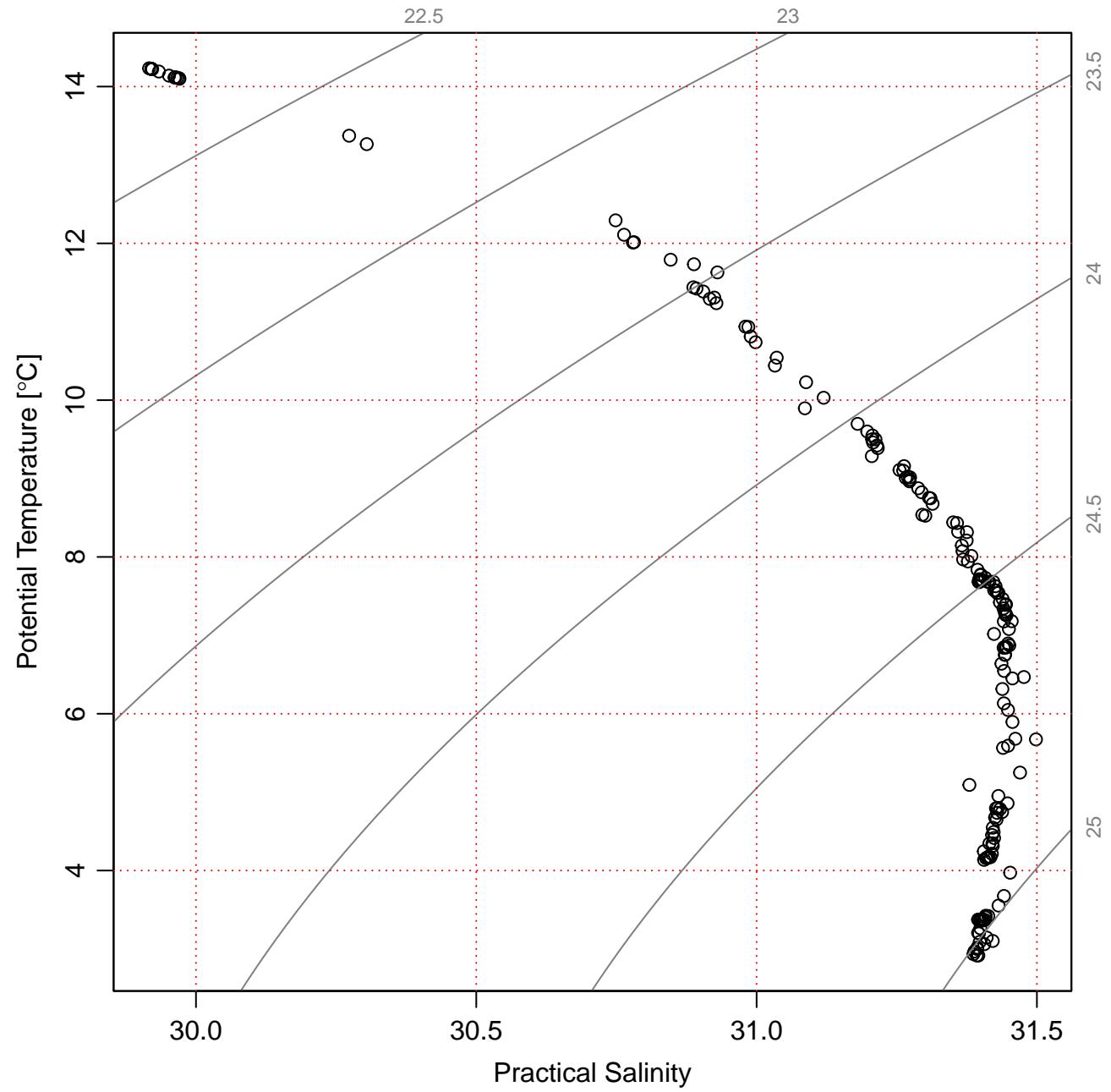




2002-12-21 08:16:48 to 2003-10-19 15:43:12

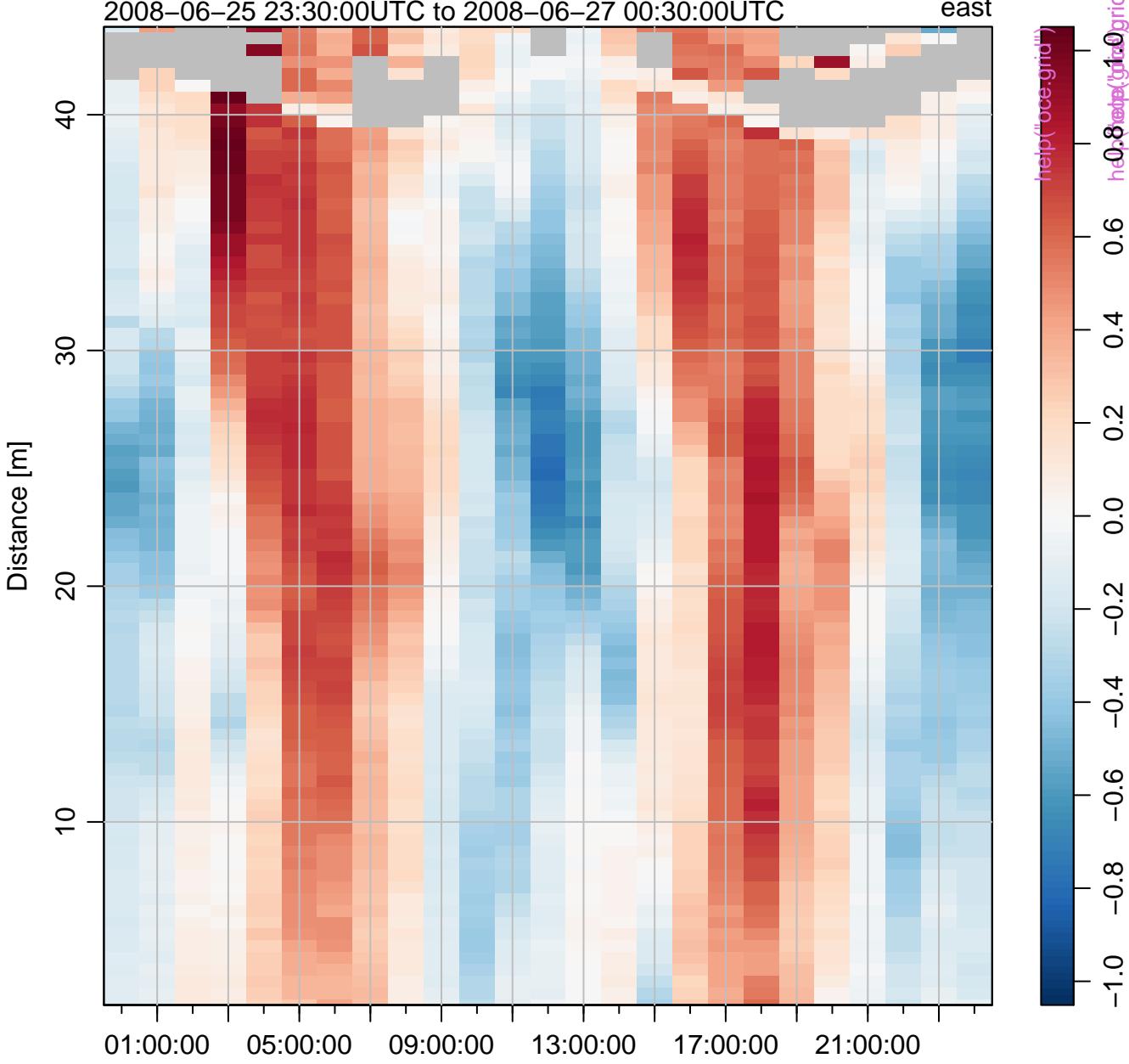


help("oce.grid")



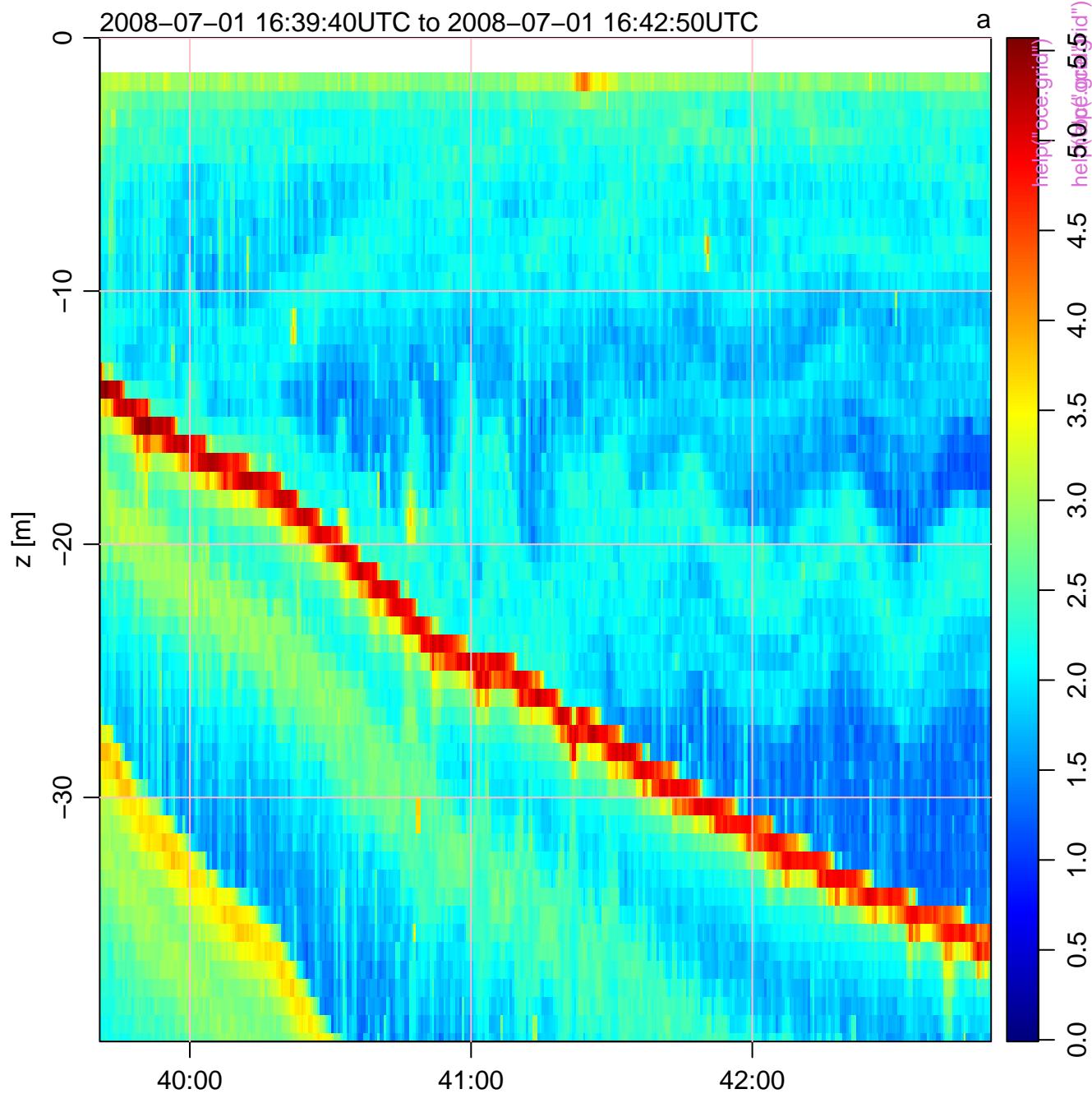
2008-06-25 23:30:00UTC to 2008-06-27 00:30:00UTC

east

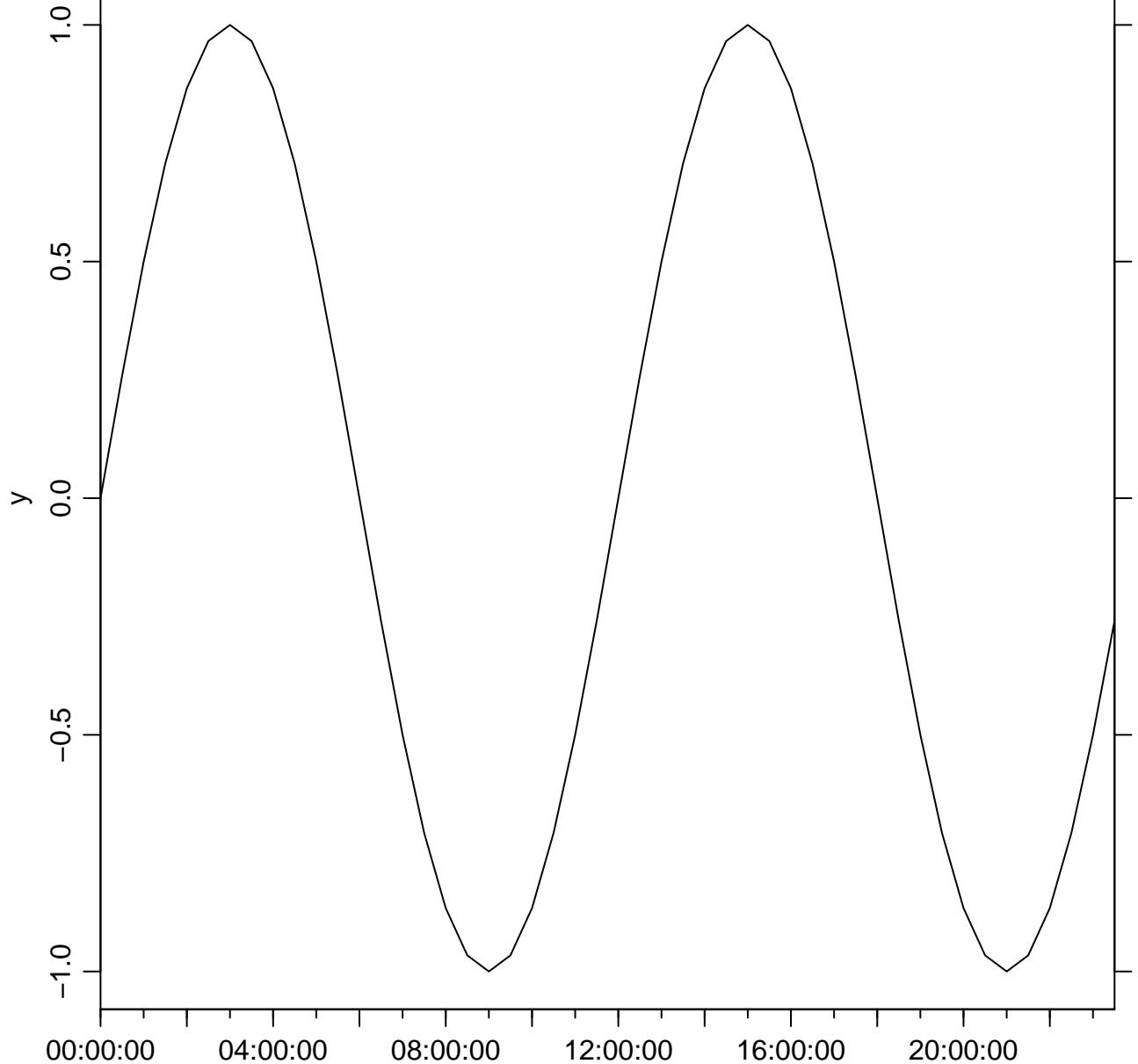


2008-07-01 16:39:40UTC to 2008-07-01 16:42:50UTC

a

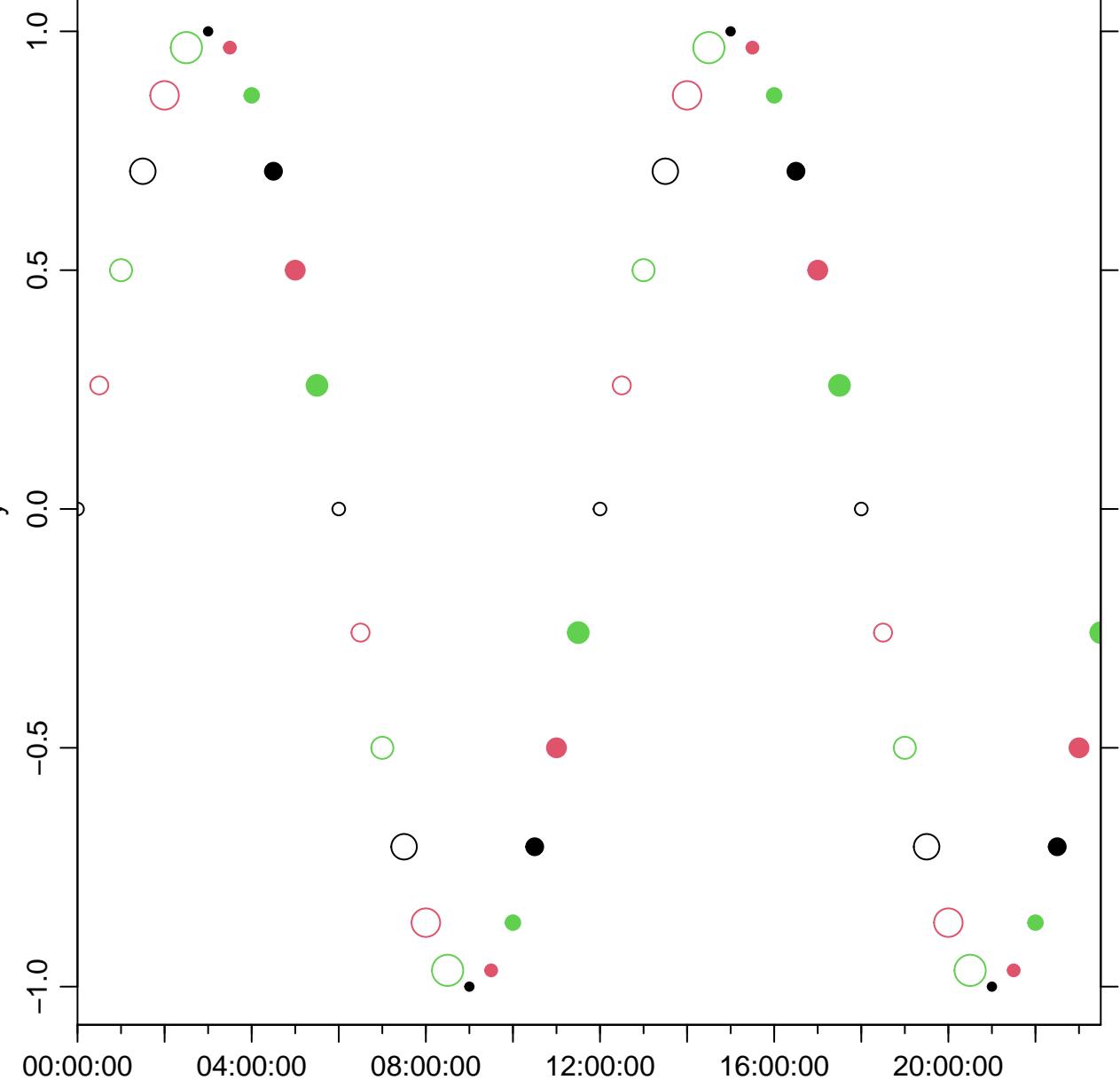


2008-01-01 00:00:00UTC to 2008-01-01 23:30:00UTC

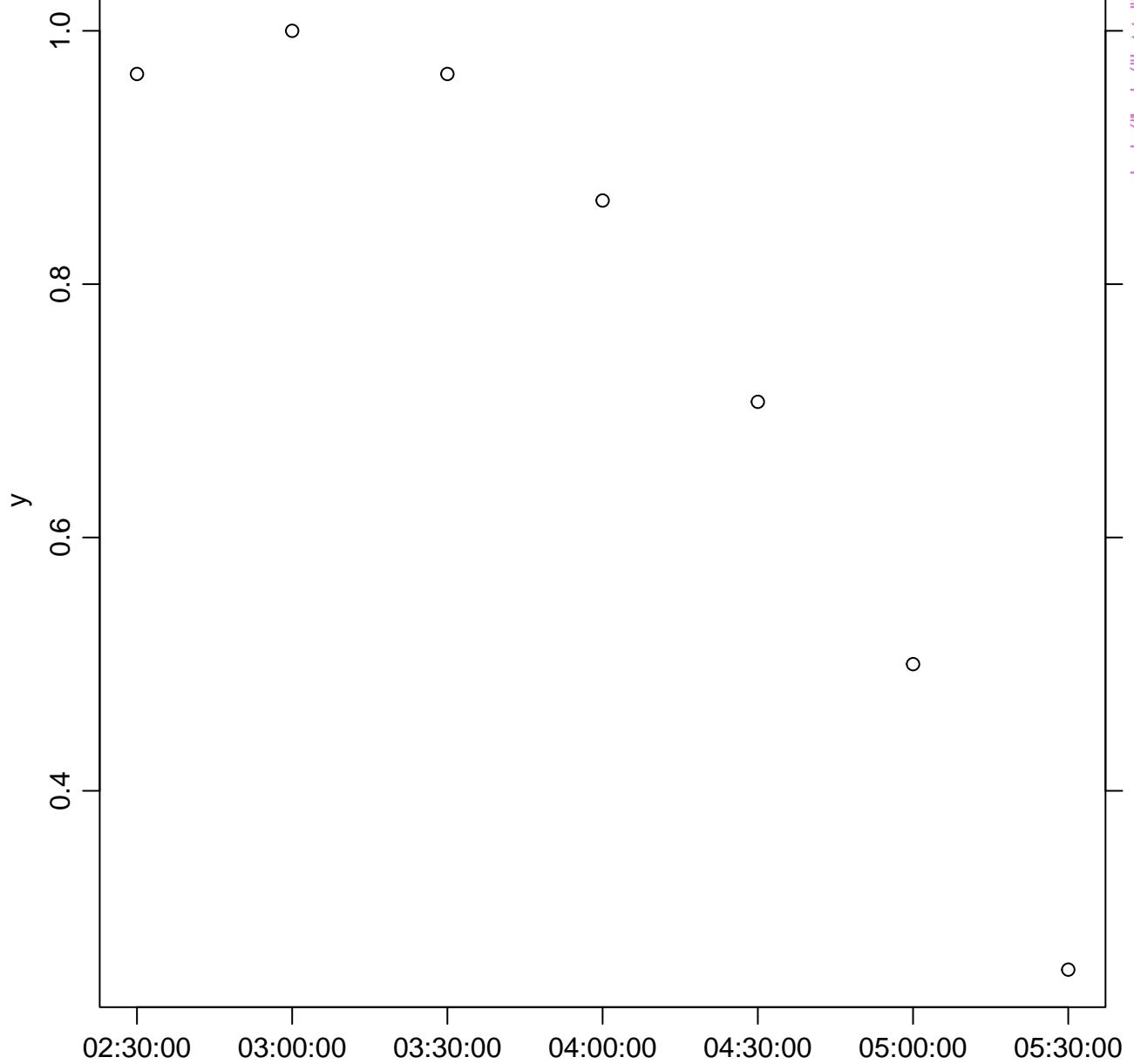


help("bokeh.plotting")

2008-01-01 00:00:00UTC to 2008-01-01 23:30:00UTC

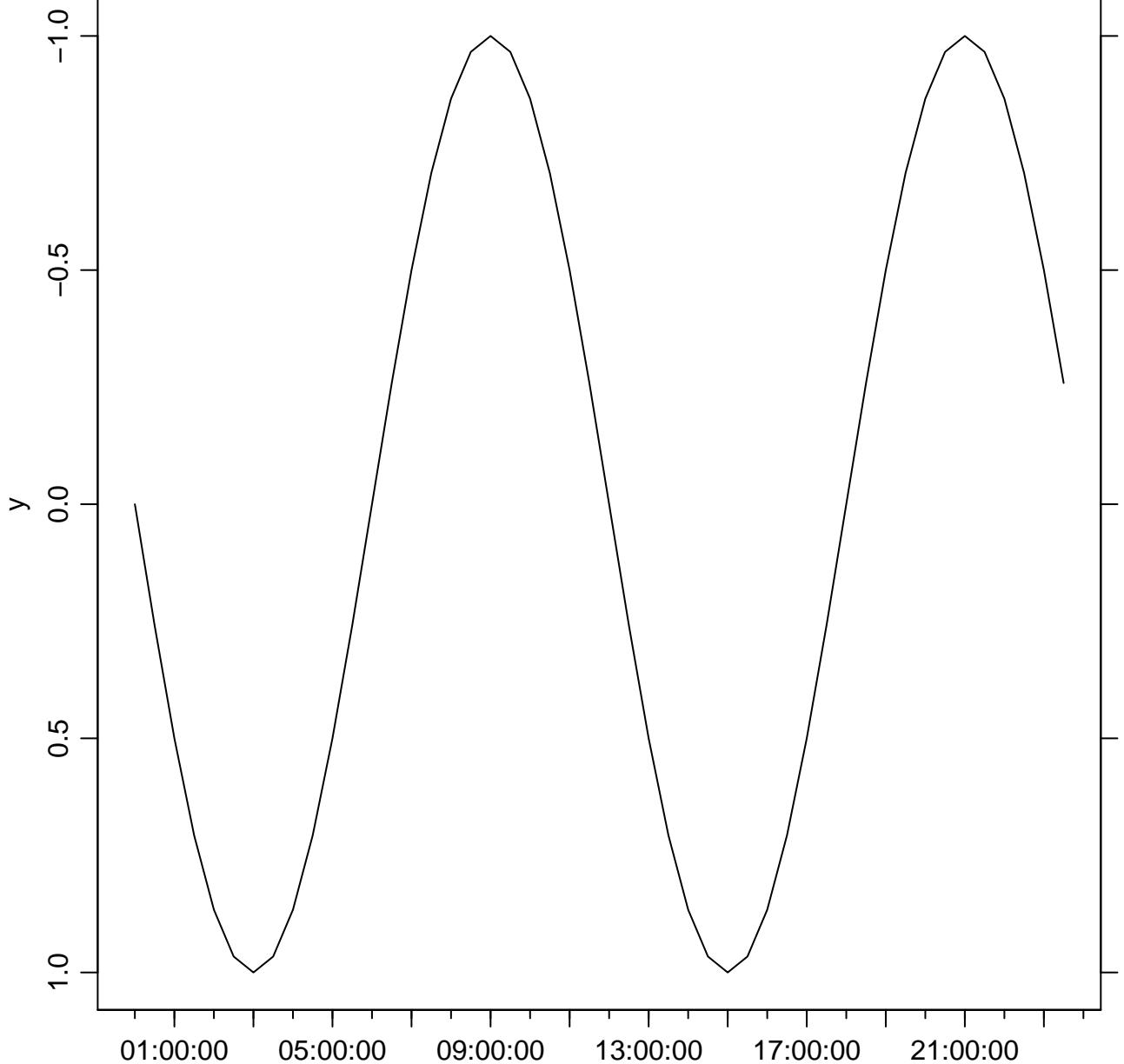


2008-01-01 02:22:48UTC to 2008-01-01 05:37:12UTC



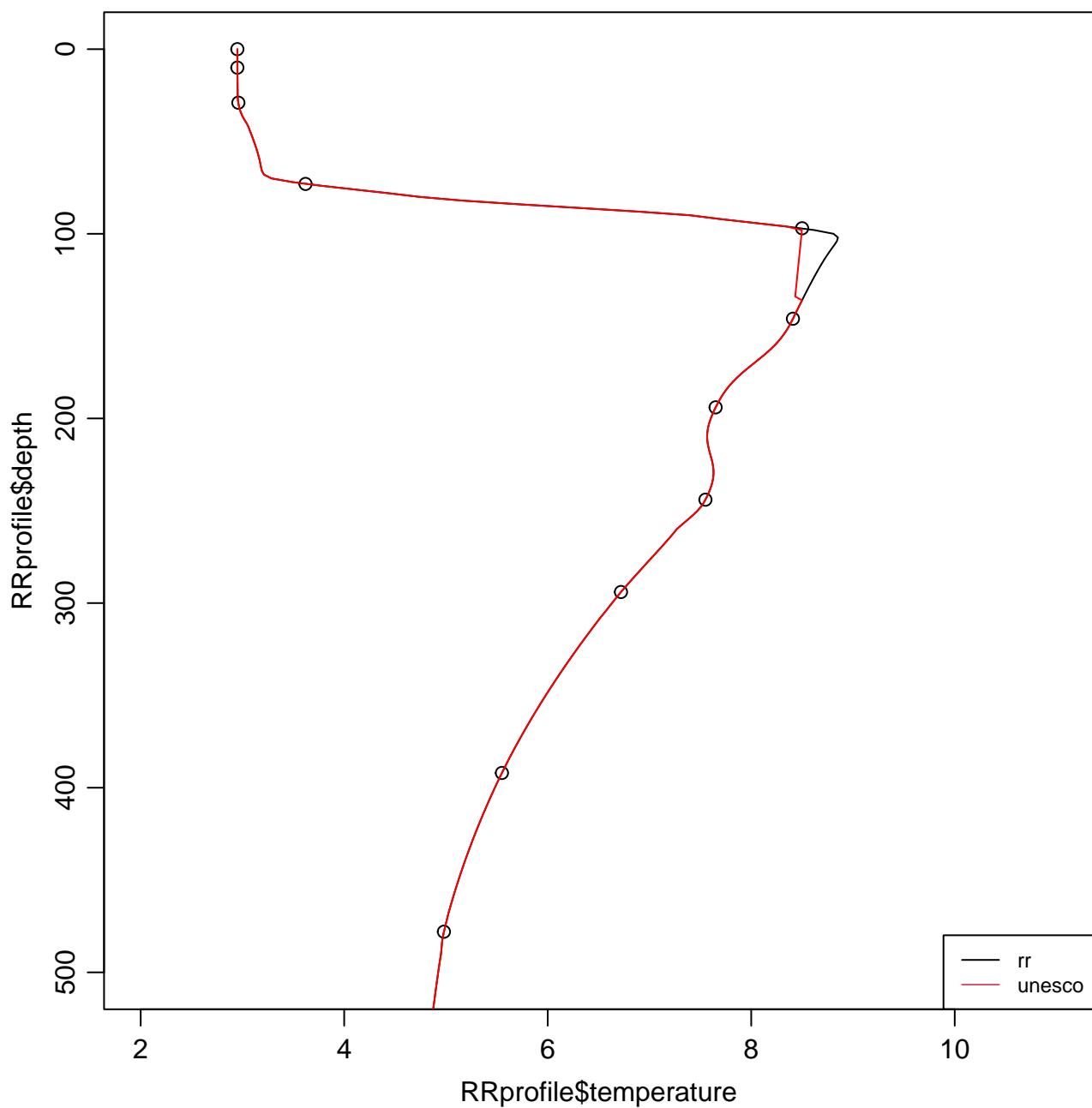
help("bokeh/plots/plot.ts")

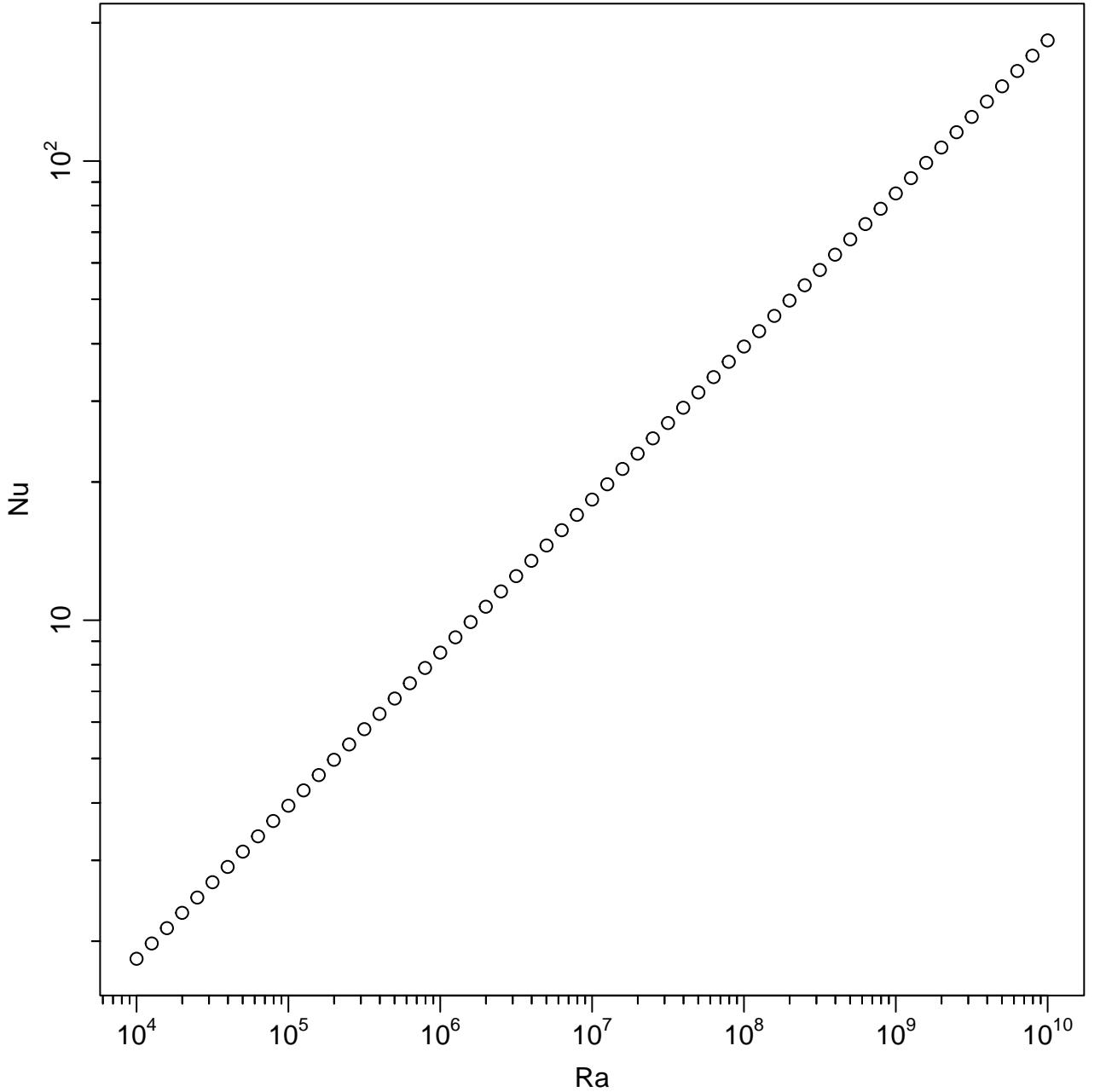
2007-12-31 23:03:36UTC to 2008-01-02 00:26:24UTC



help("bokeh/plots/plot.ts")

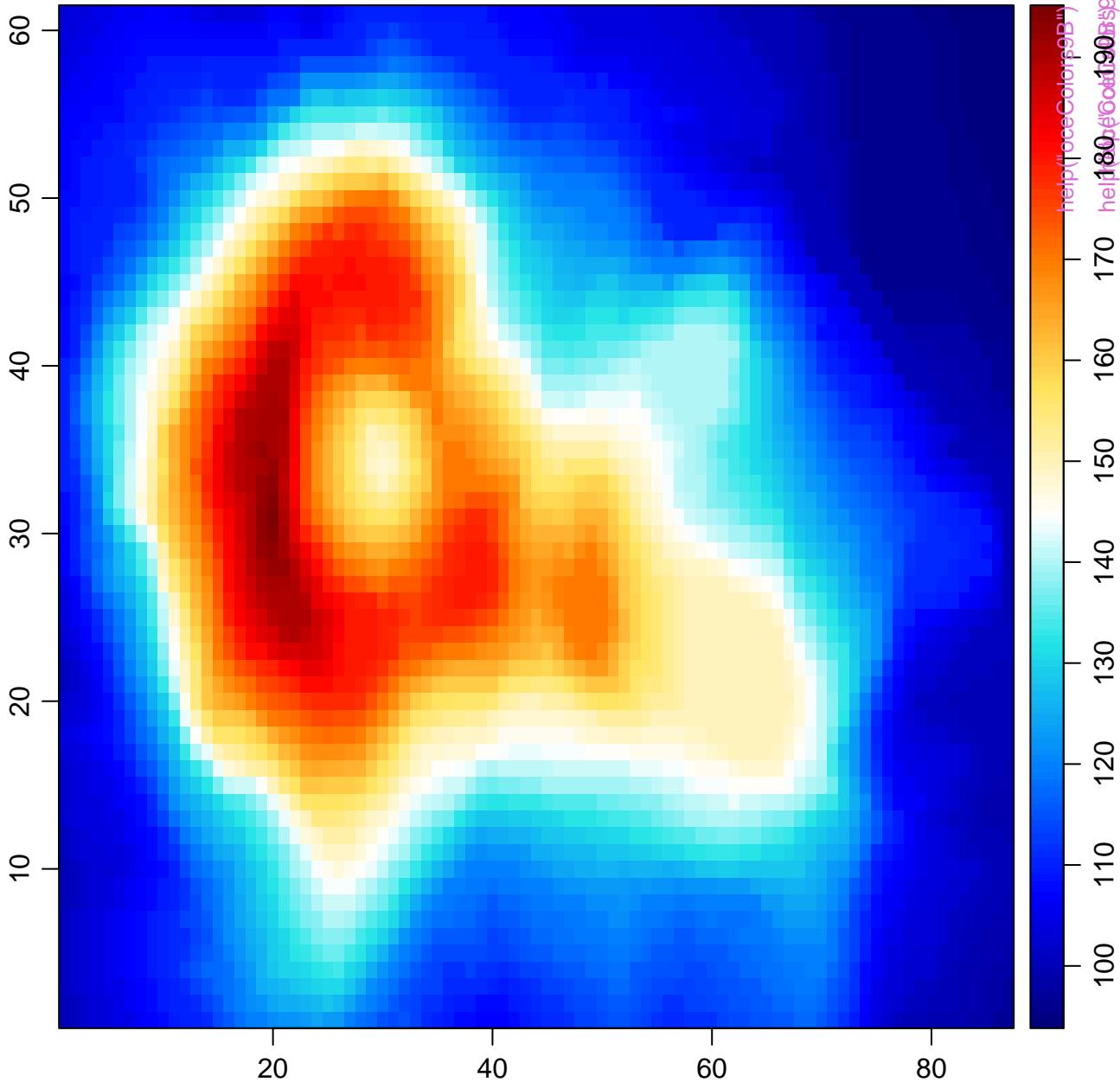
help("oceApprox")



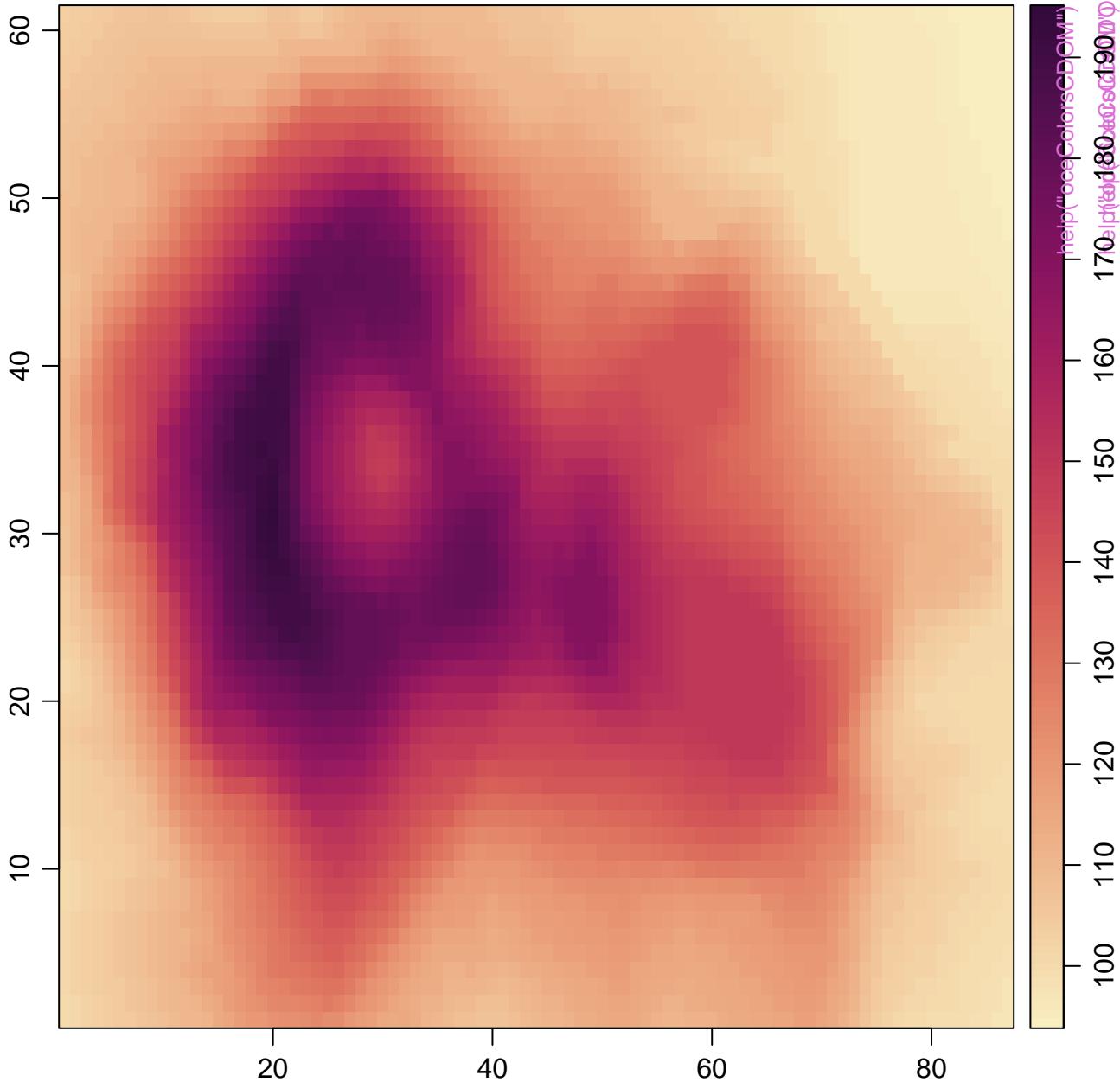


help("oceAxis")

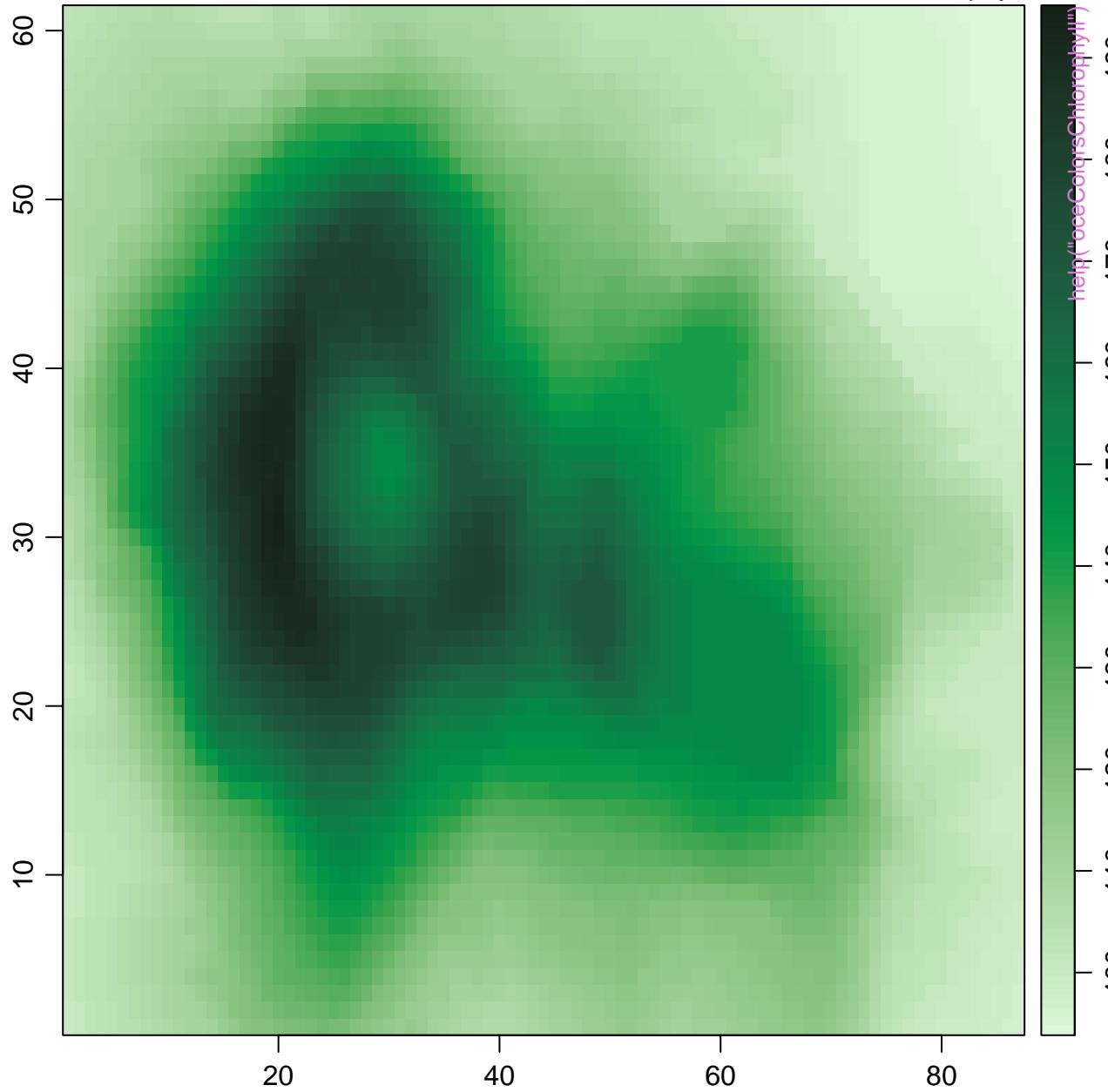
oceColors9B

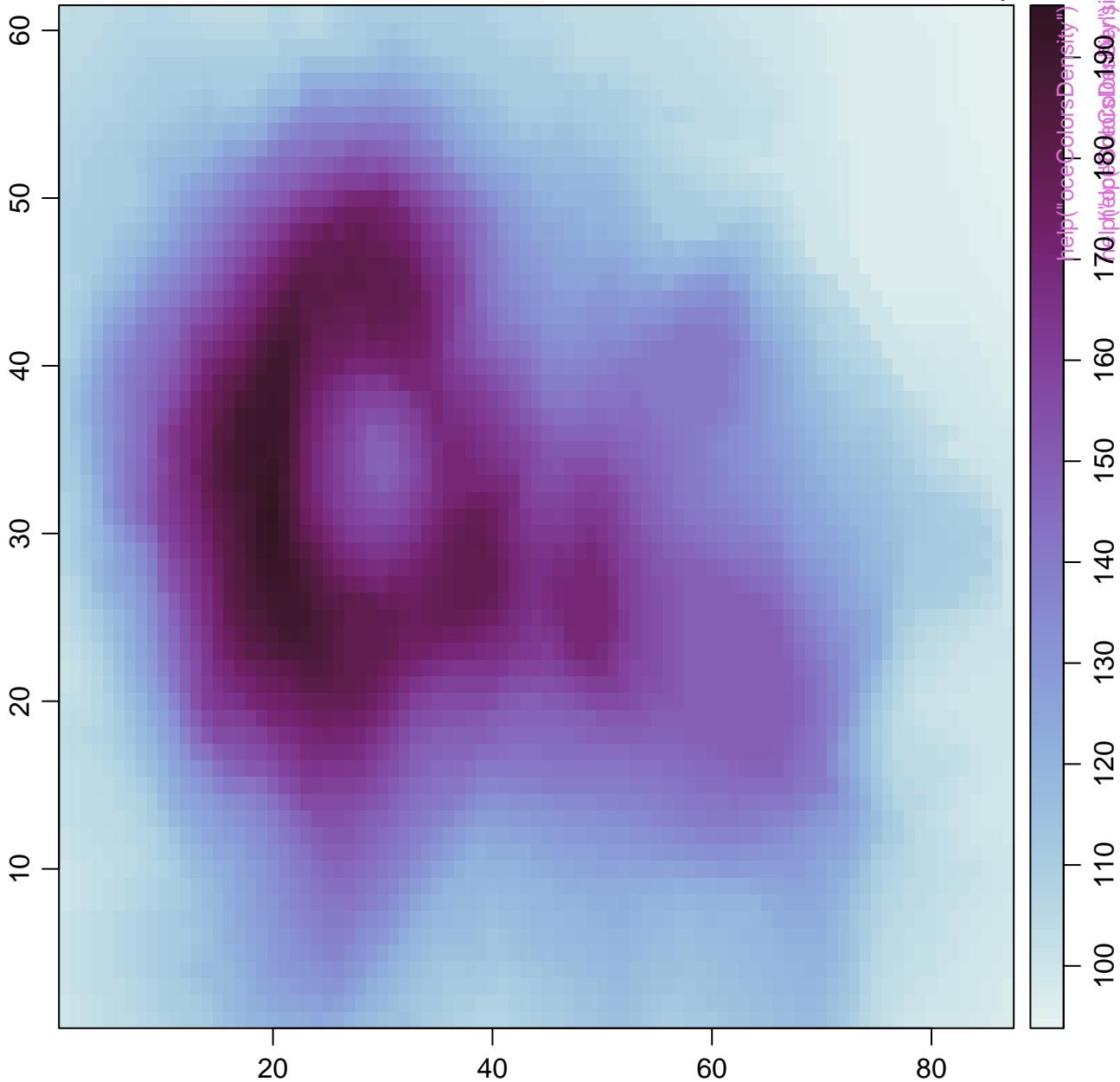


oceColorsCDOM

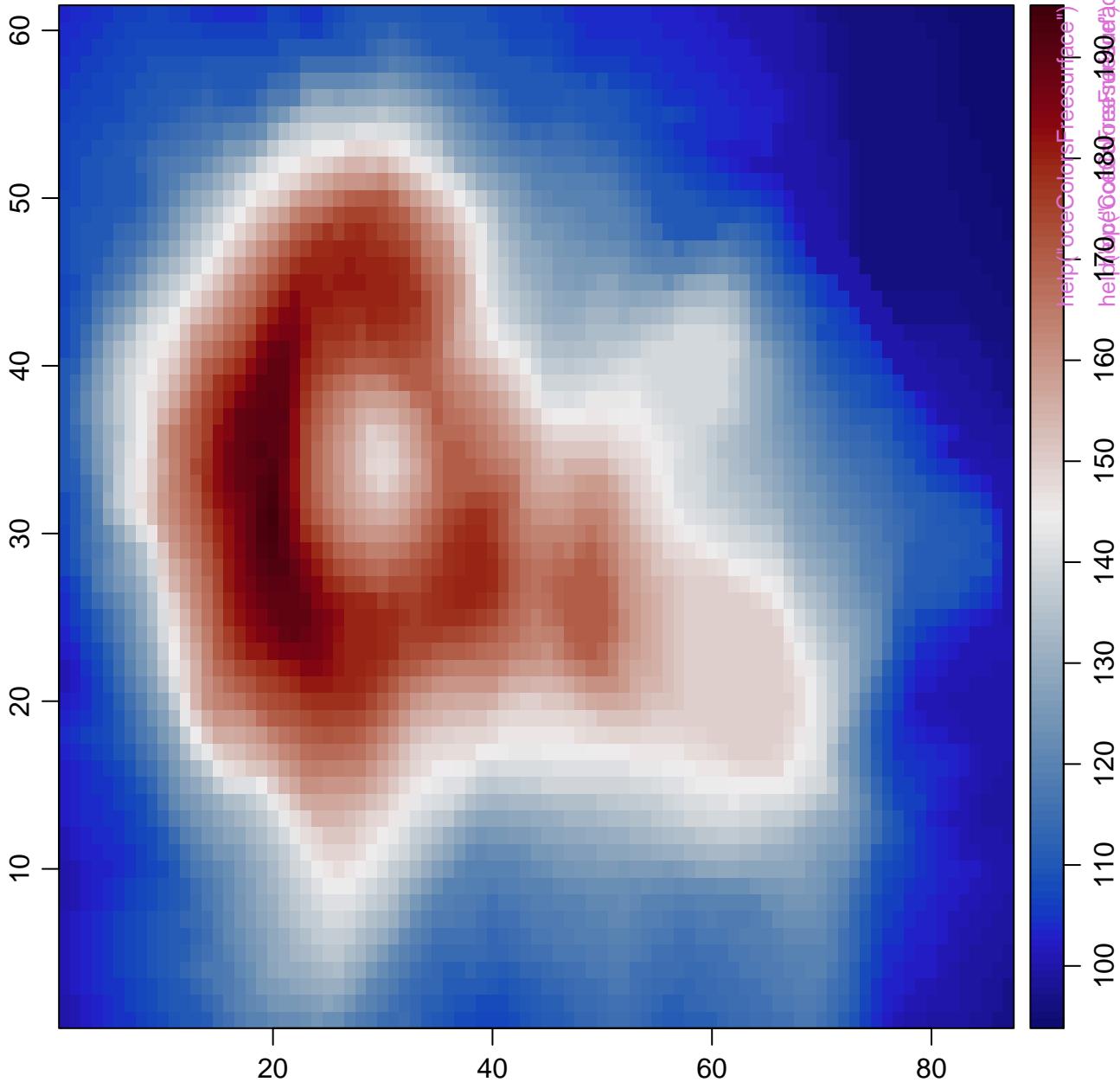


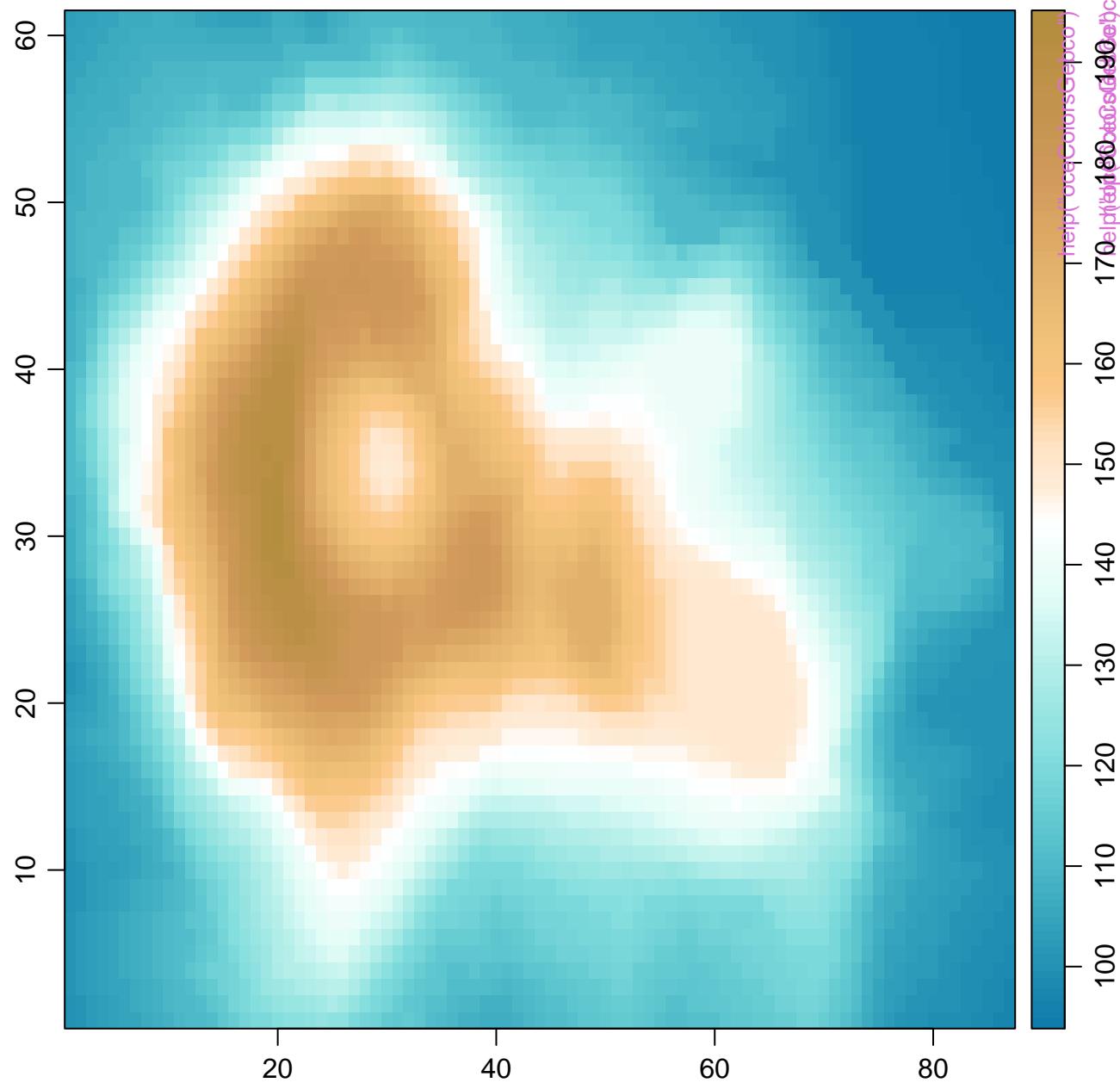
oceColorsChlorophyll



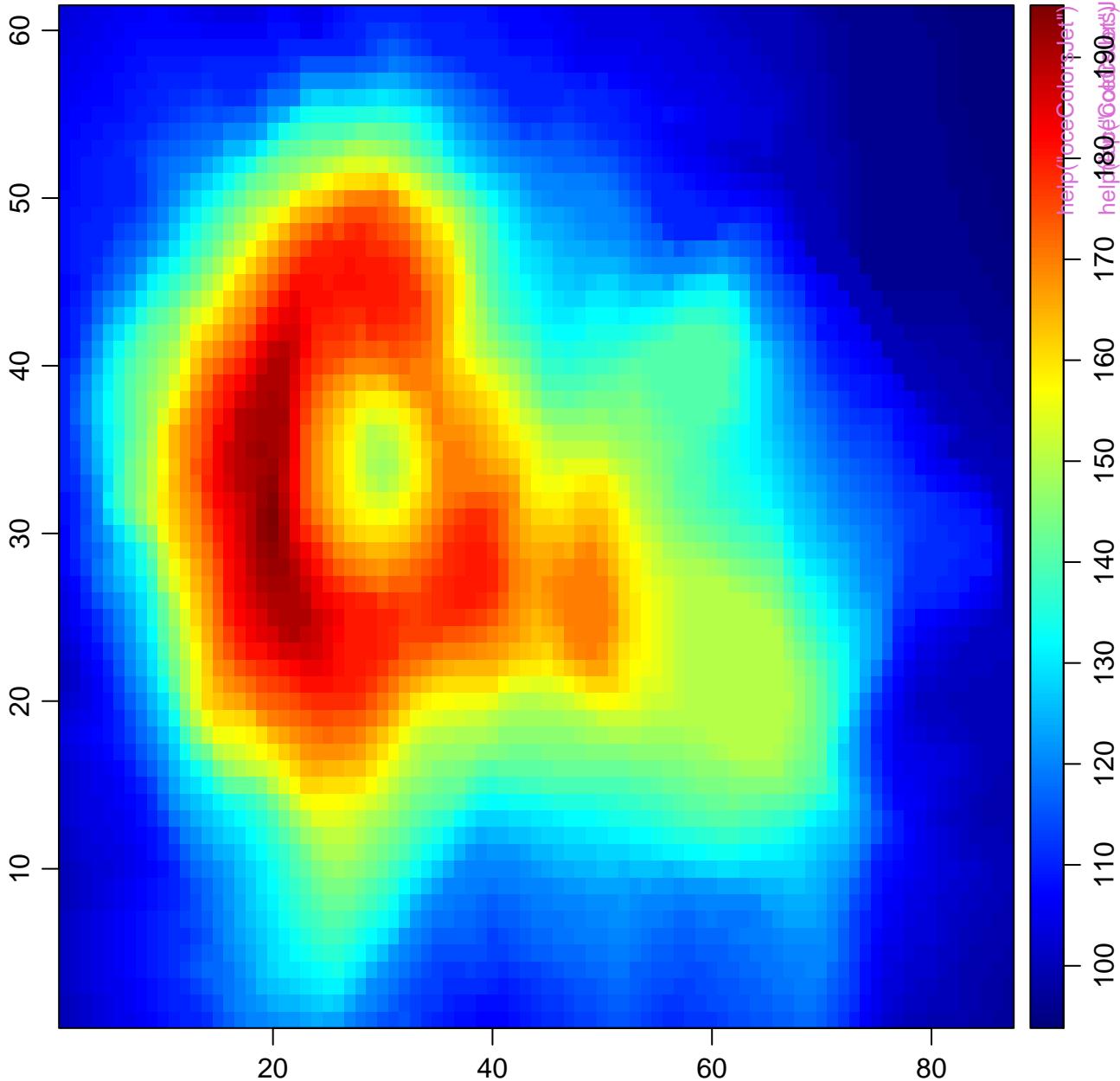


oceColorsFreesurface

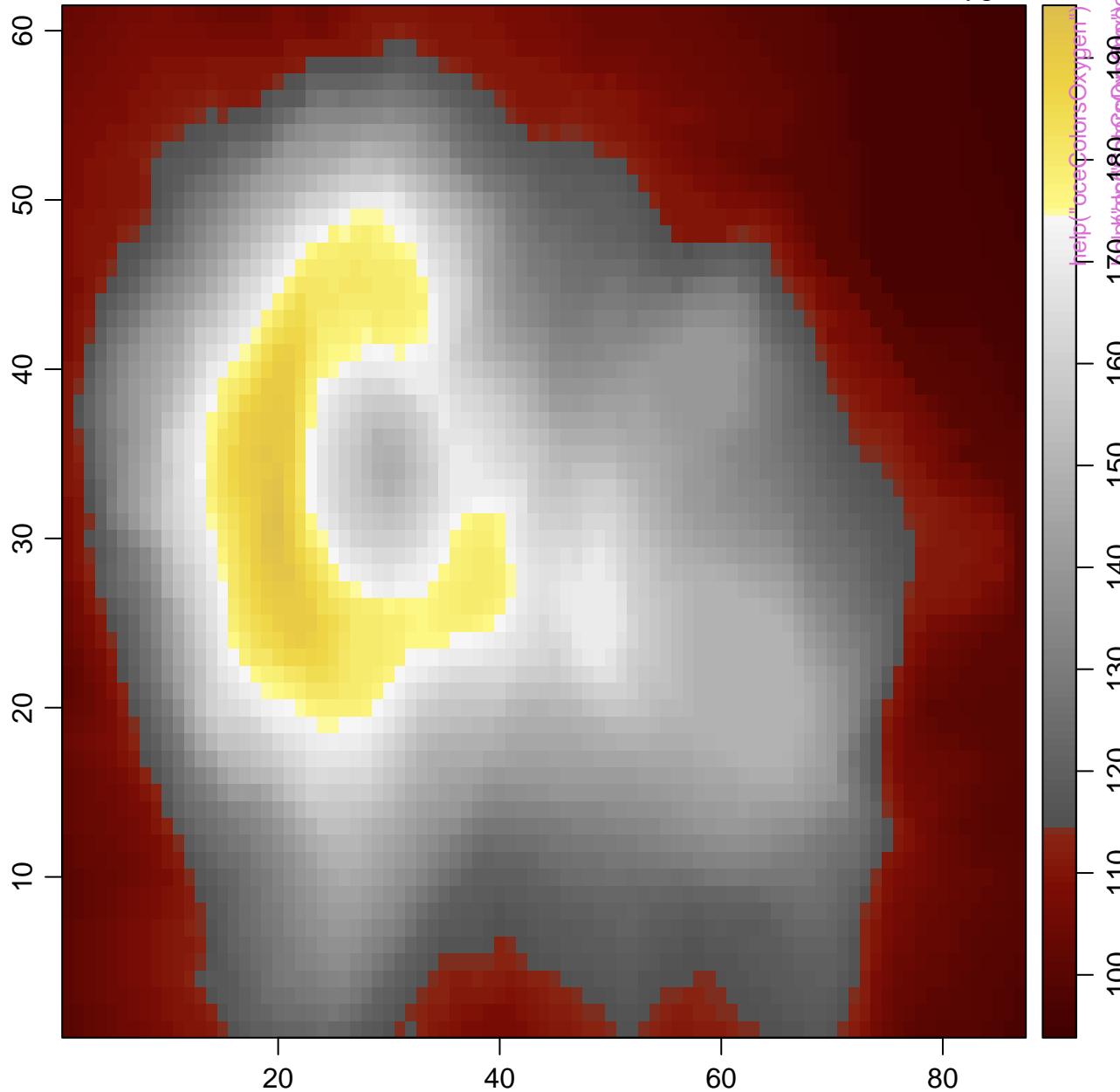




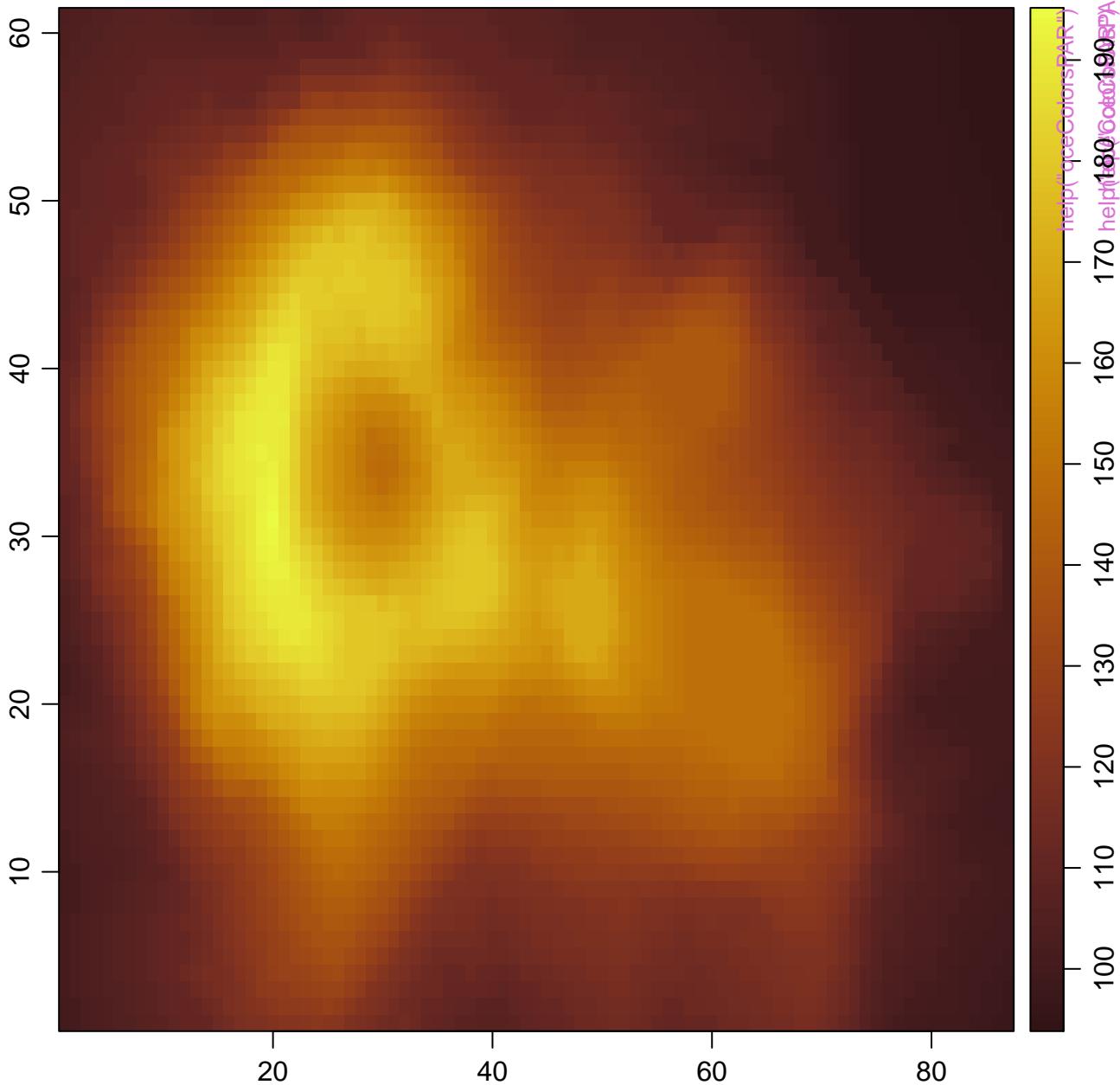
oceColorsJet



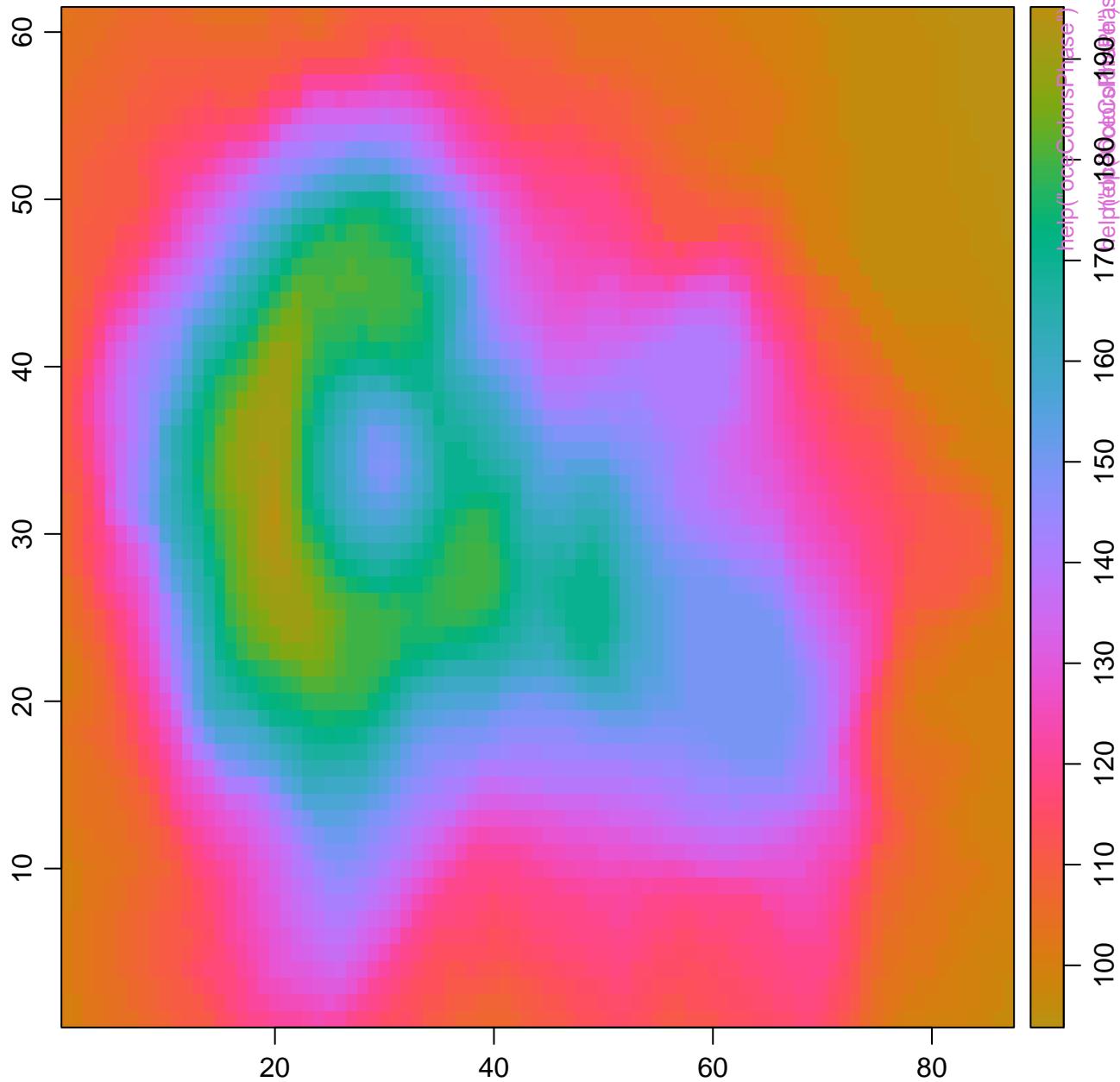
oceColorsOxygen



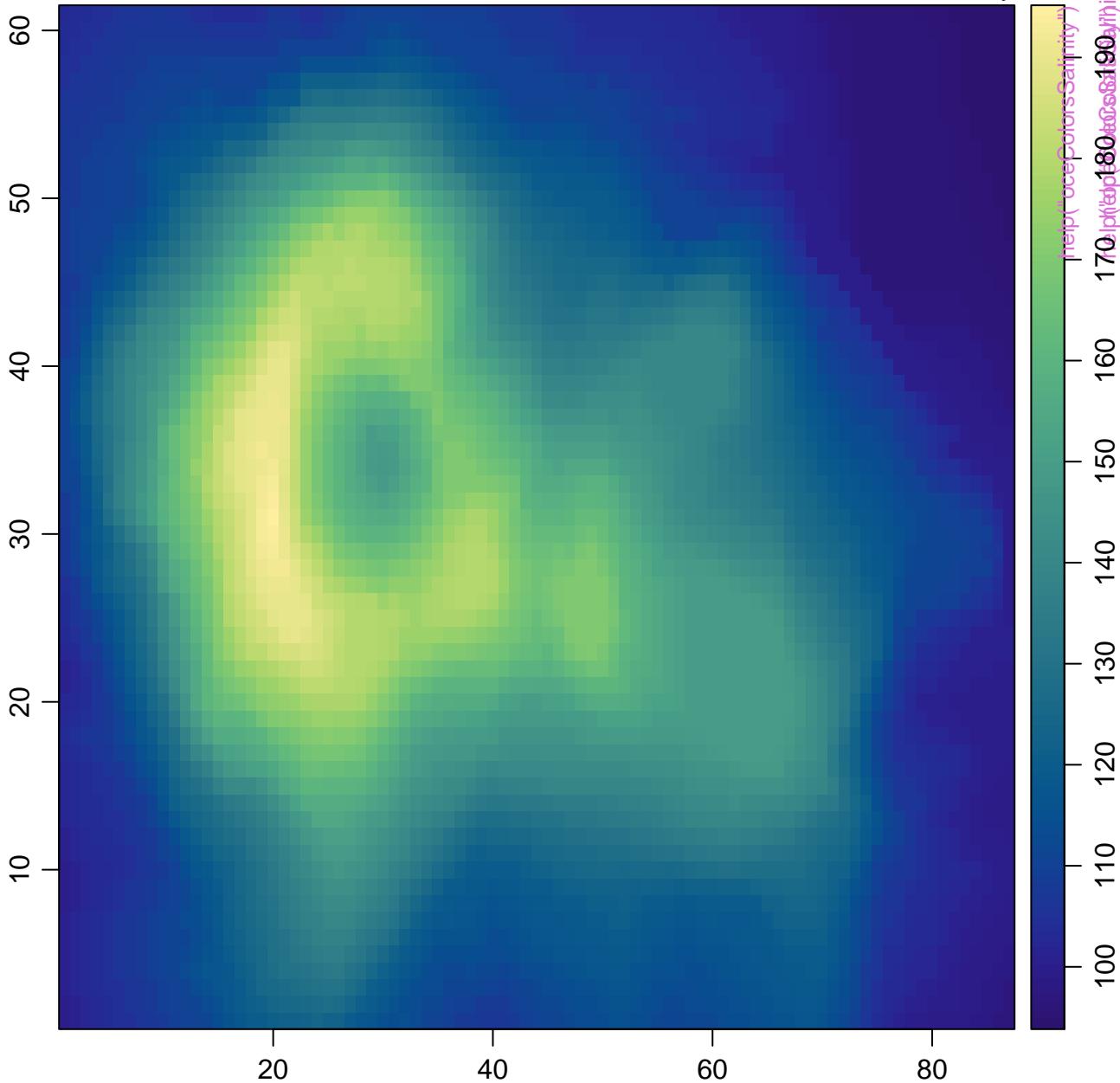
oceColorsPAR



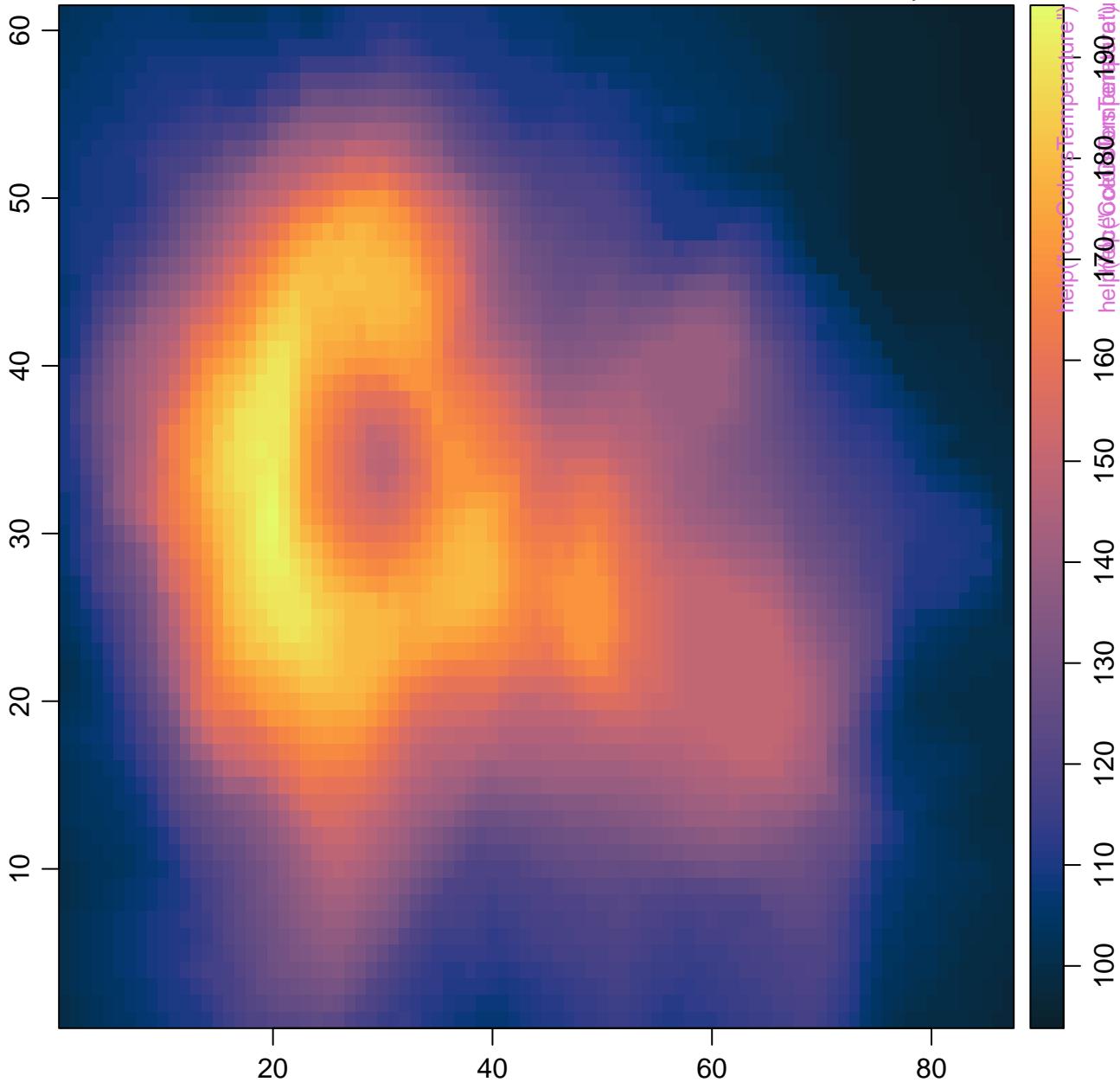
oceColorsPhase



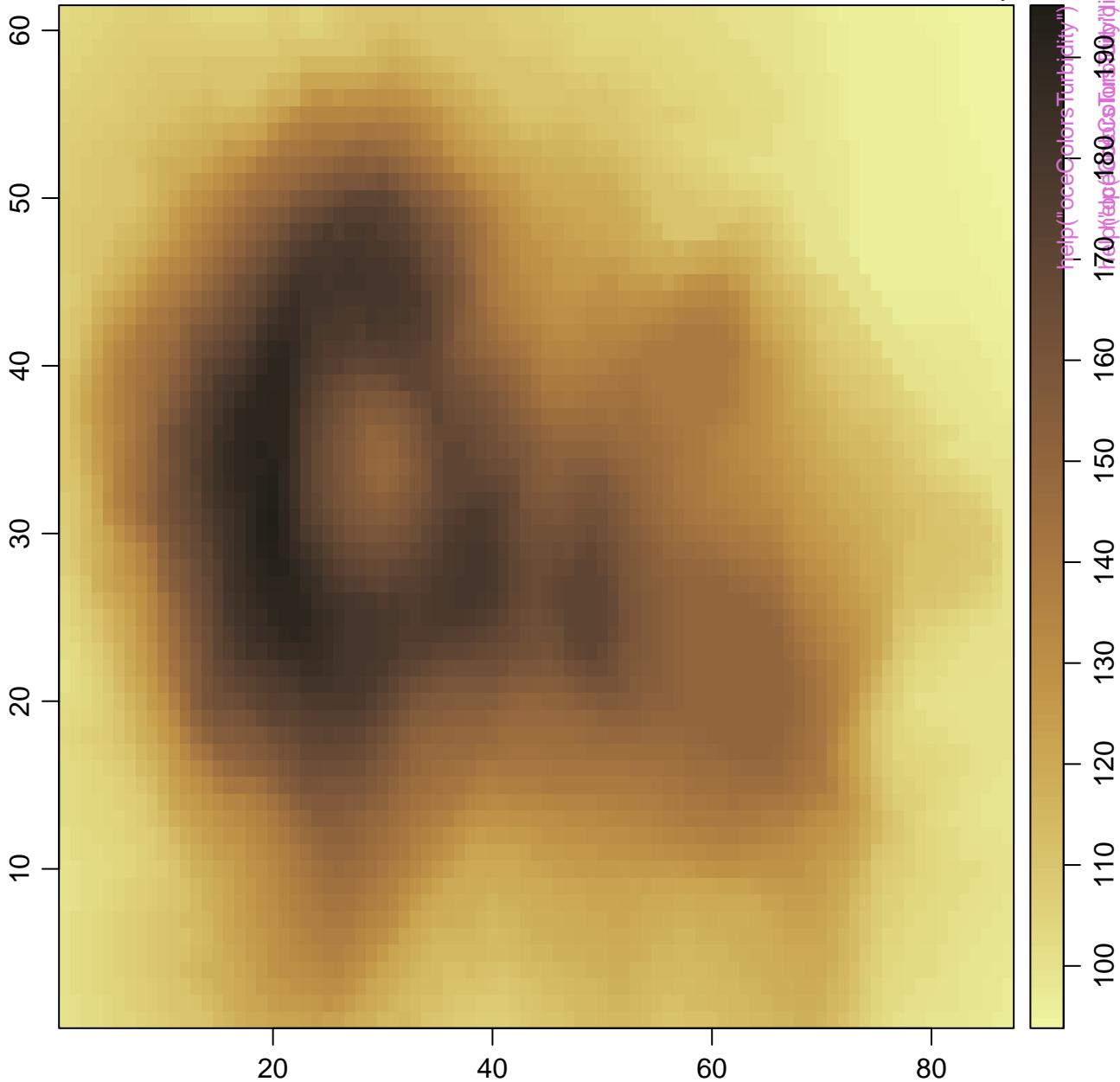
oceColorsSalinity

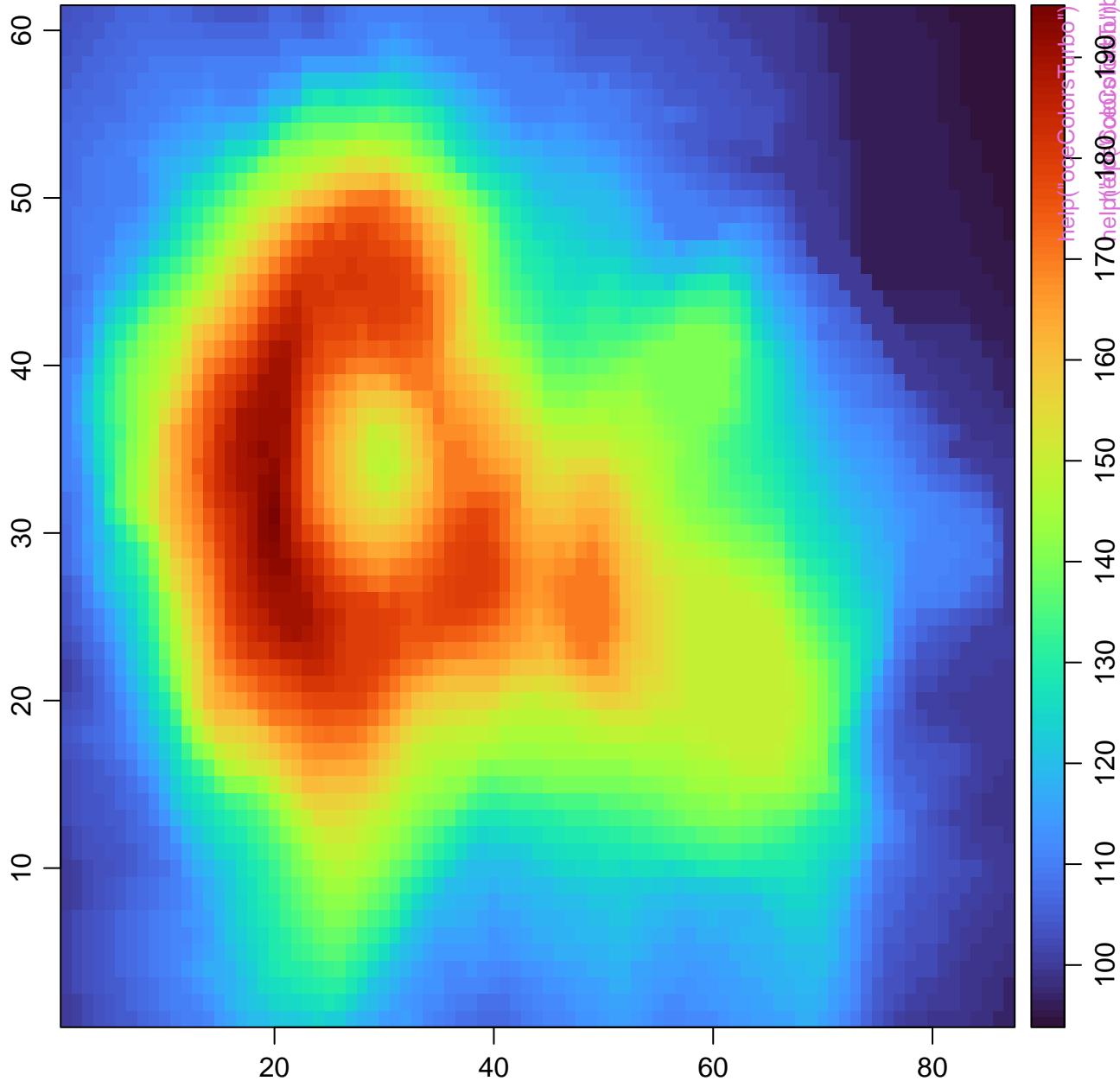


oceColorsTemperature

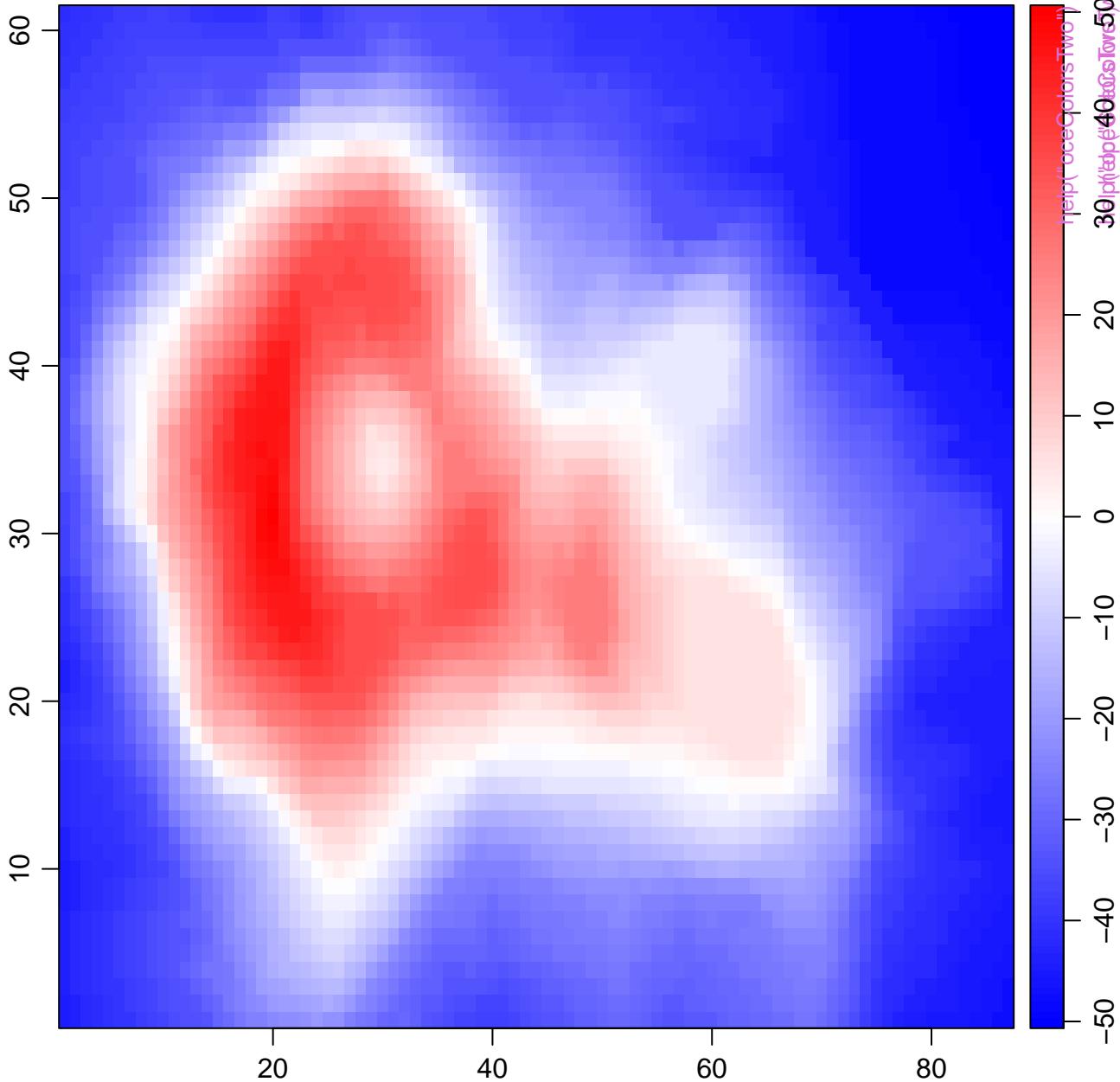


oceColorsTurbidity

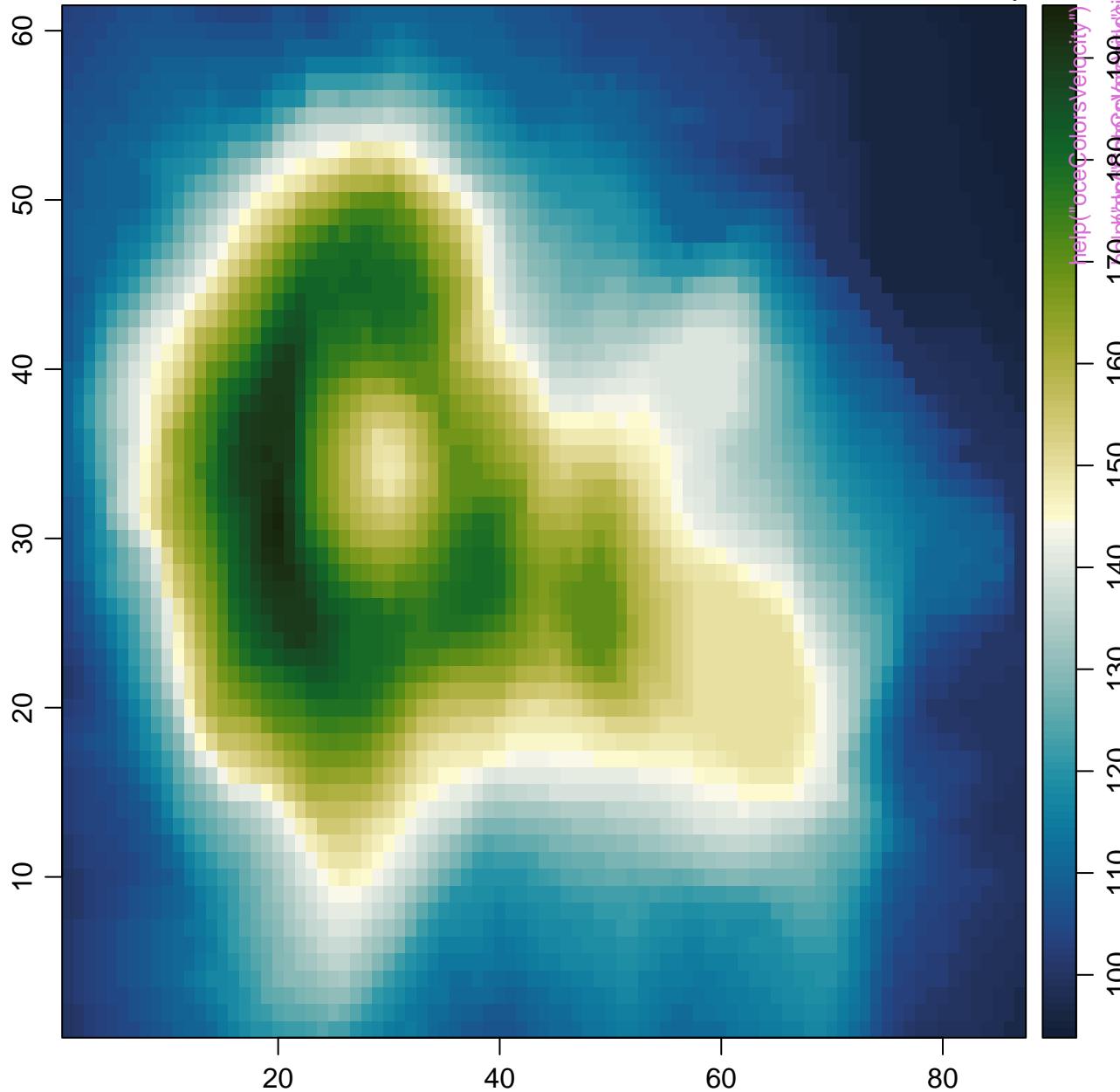




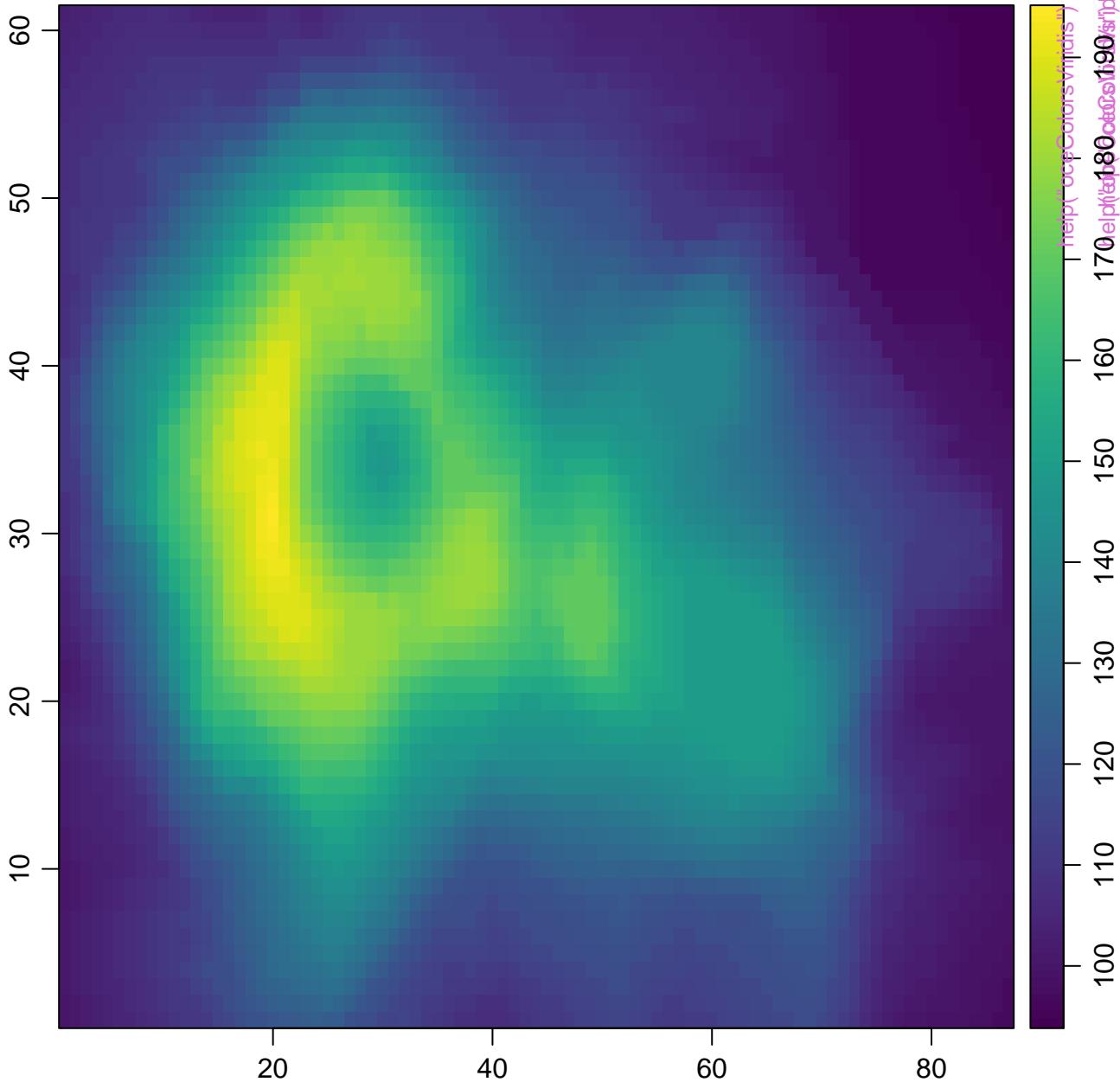
oceColorsTwo



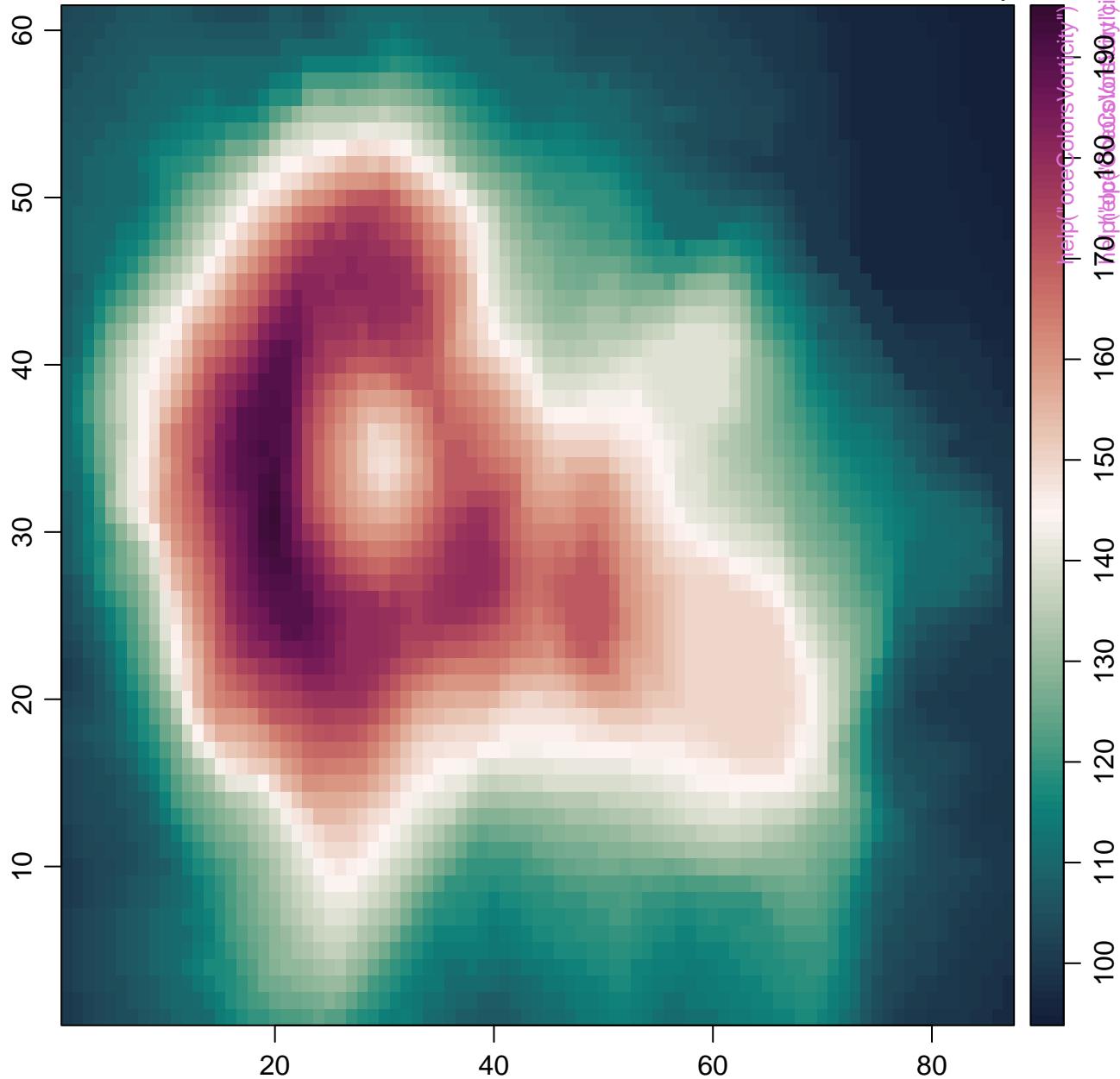
oceColorsVelocity



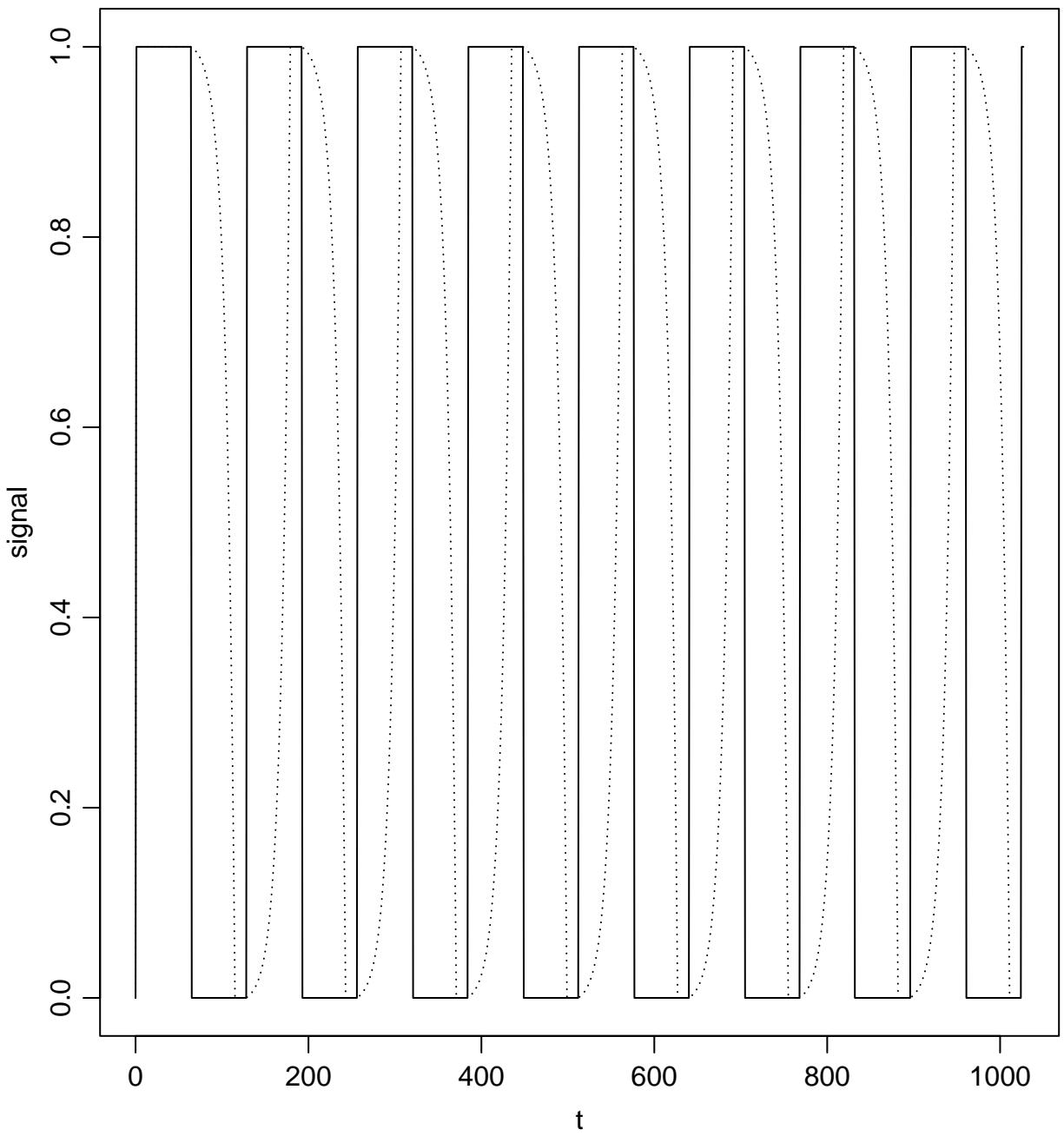
oceColorsViridis



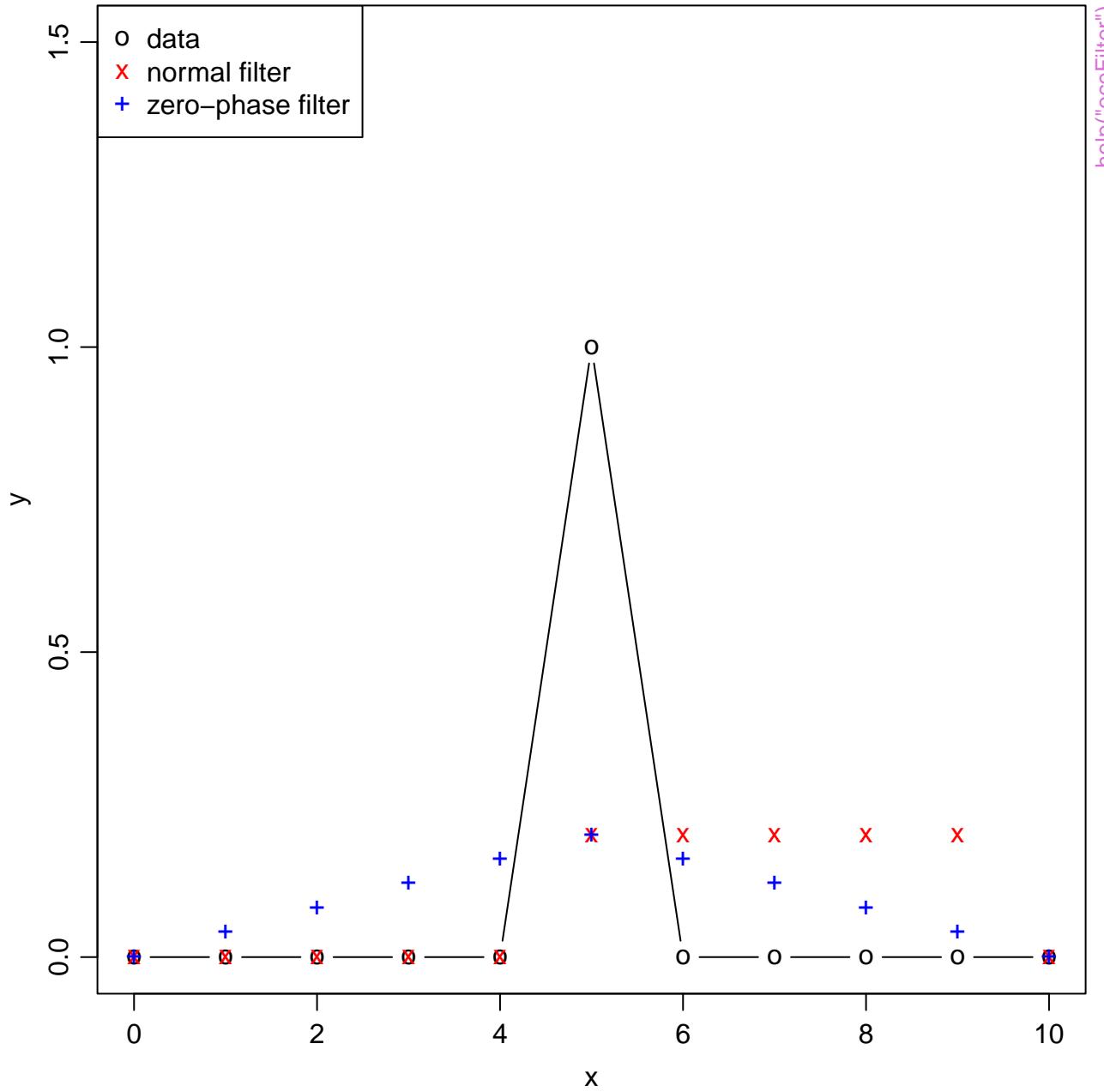
oceColorsVorticity



```
help("oceConvolve")
```



note that normal filter rolls off at end



freezing [°C]

-1.74

-1.72

-1.70

-1.68

-1.66

-1.64

0

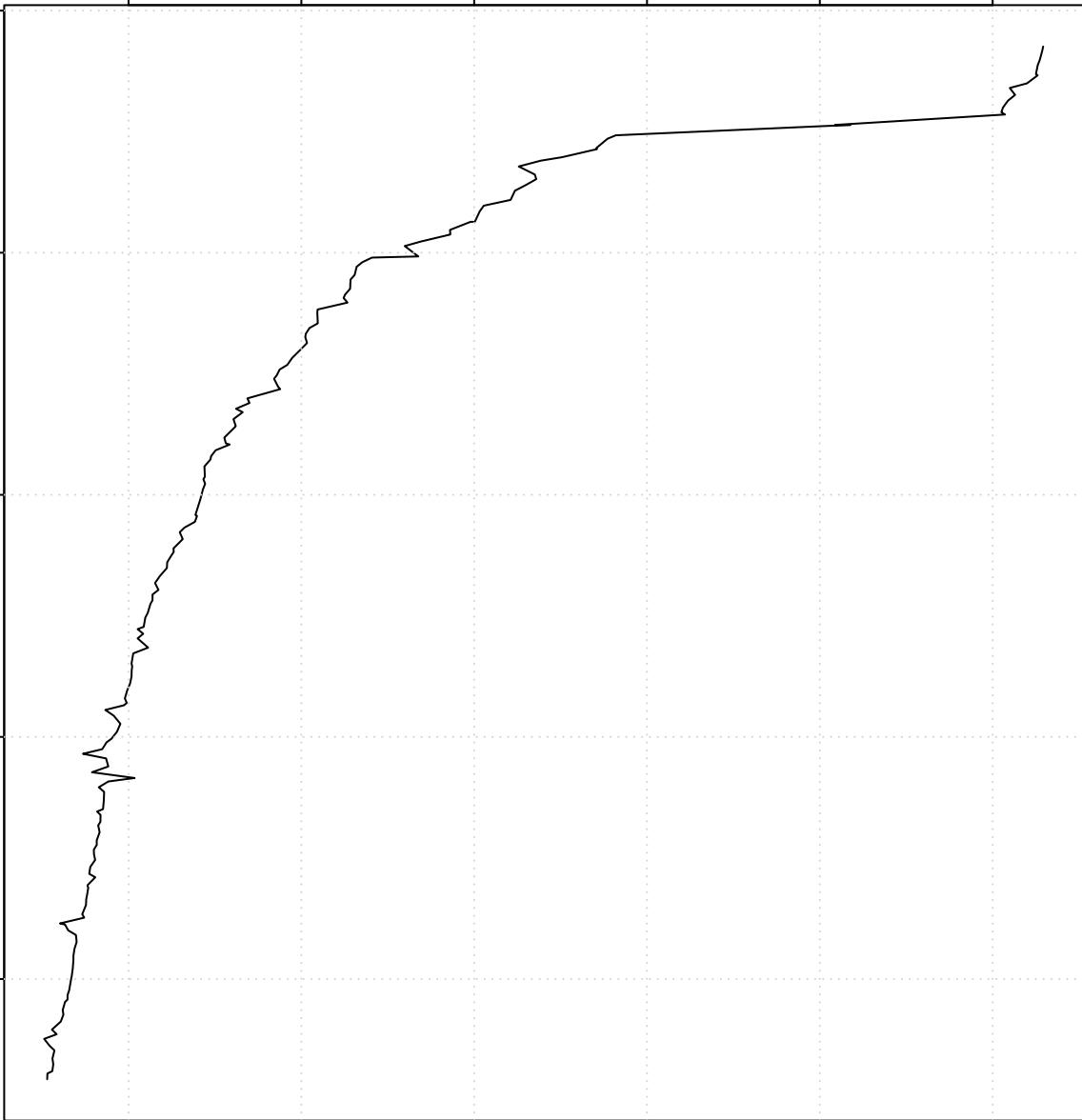
10

20

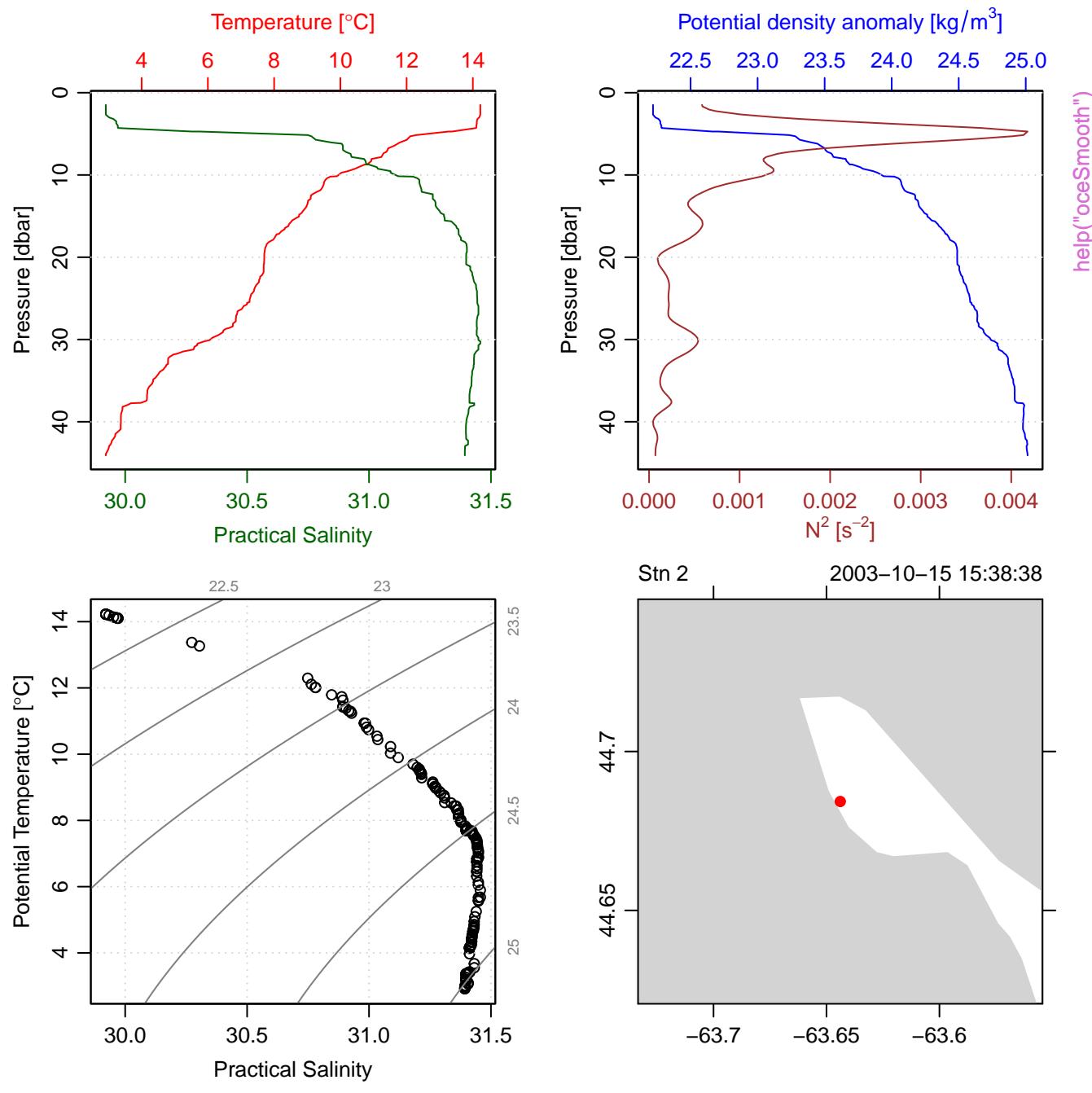
30

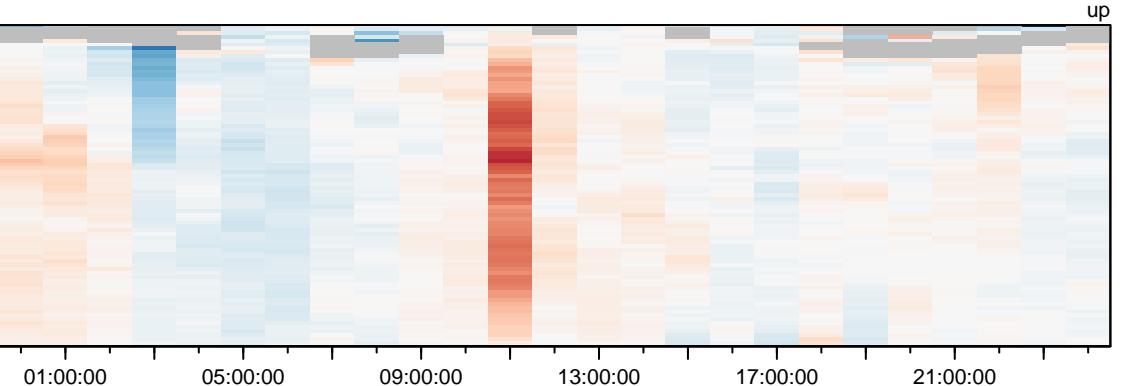
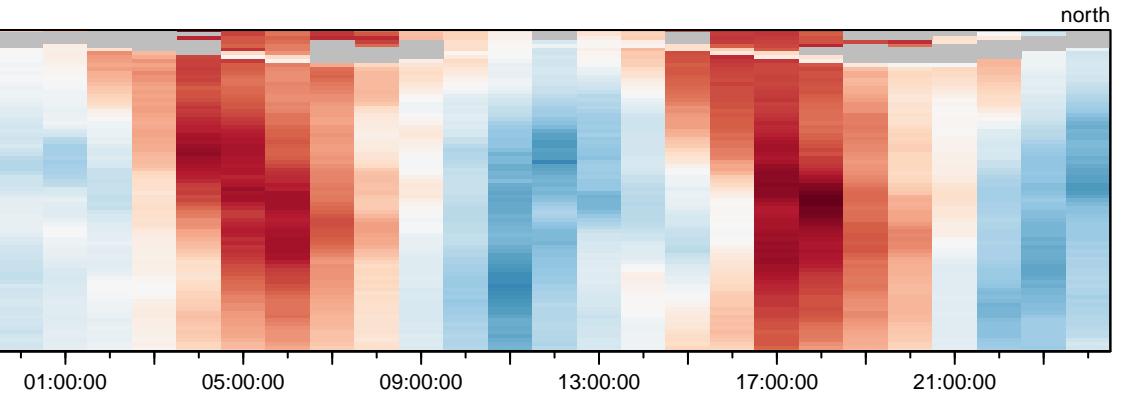
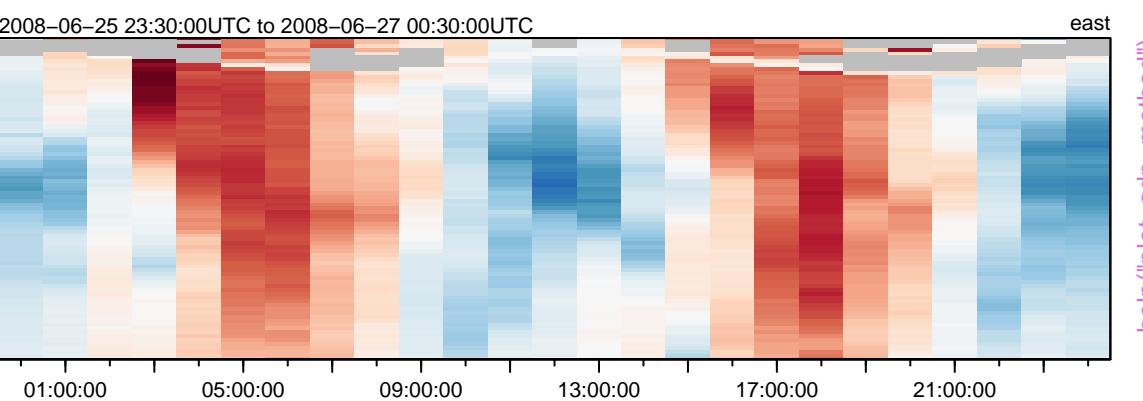
40

Pressure [dbar]



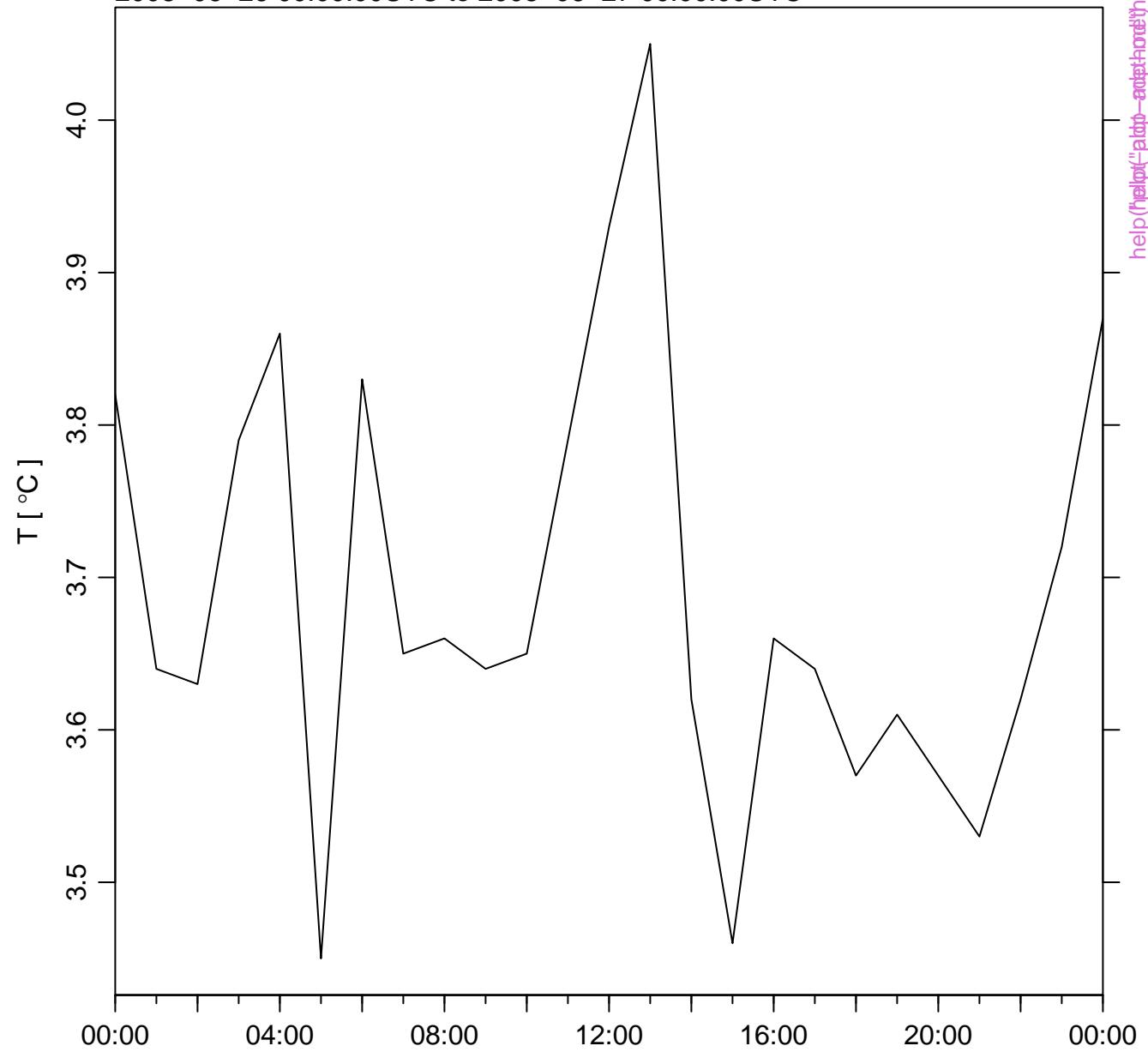
help("oceSetData")



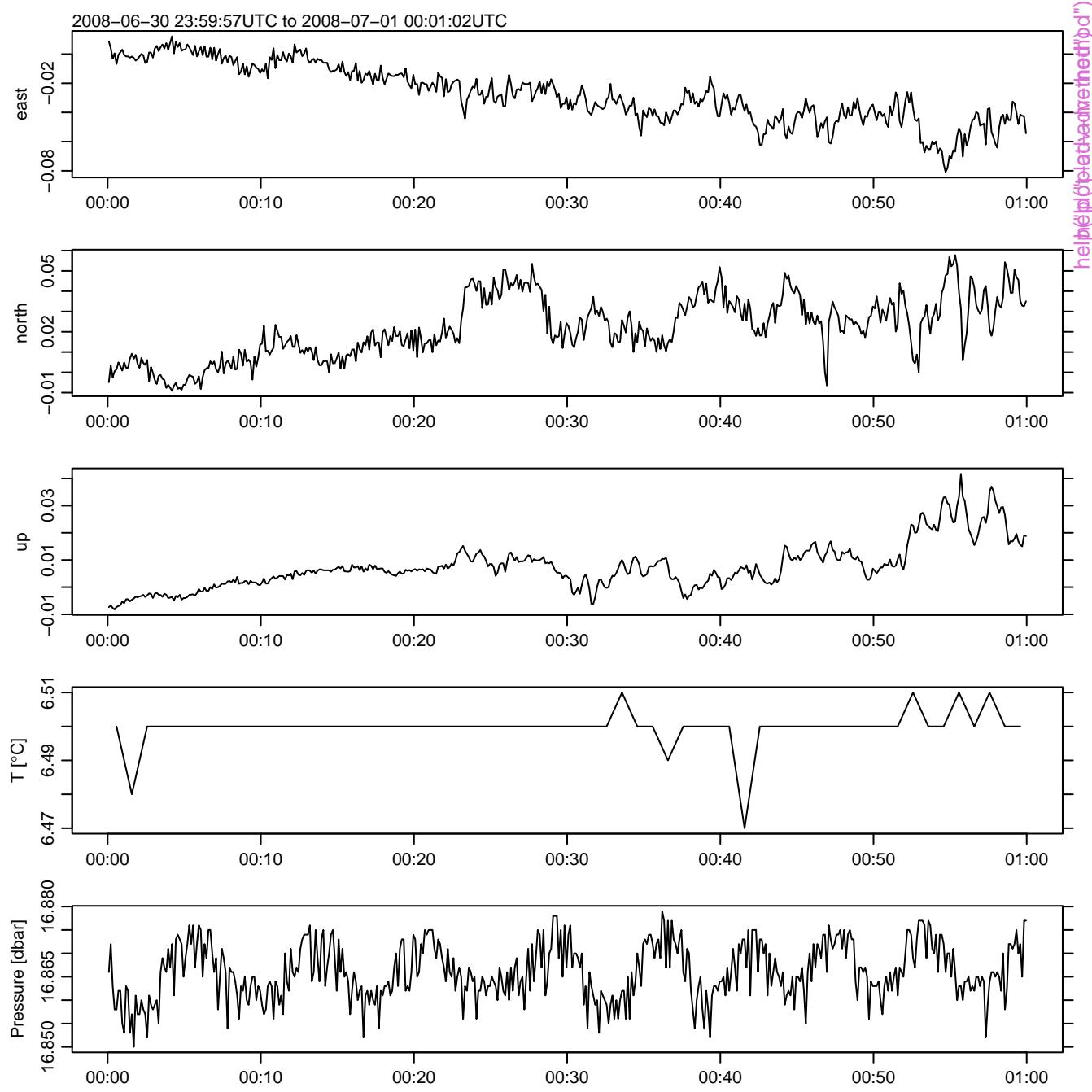


2008-06-26 00:00:00UTC to 2008-06-27 00:00:00UTC

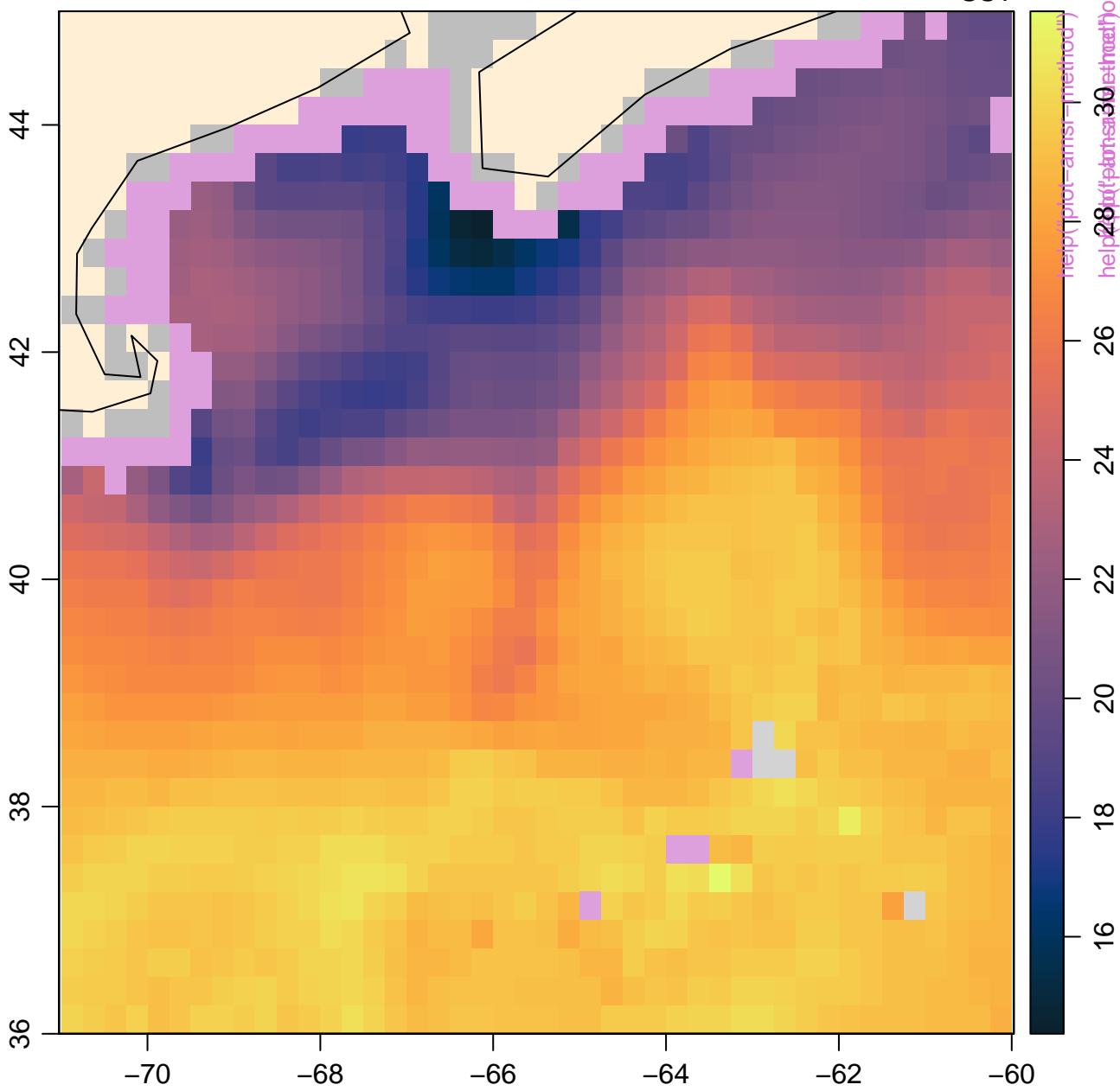
help([http://api.thingspeak.com/doc](#))



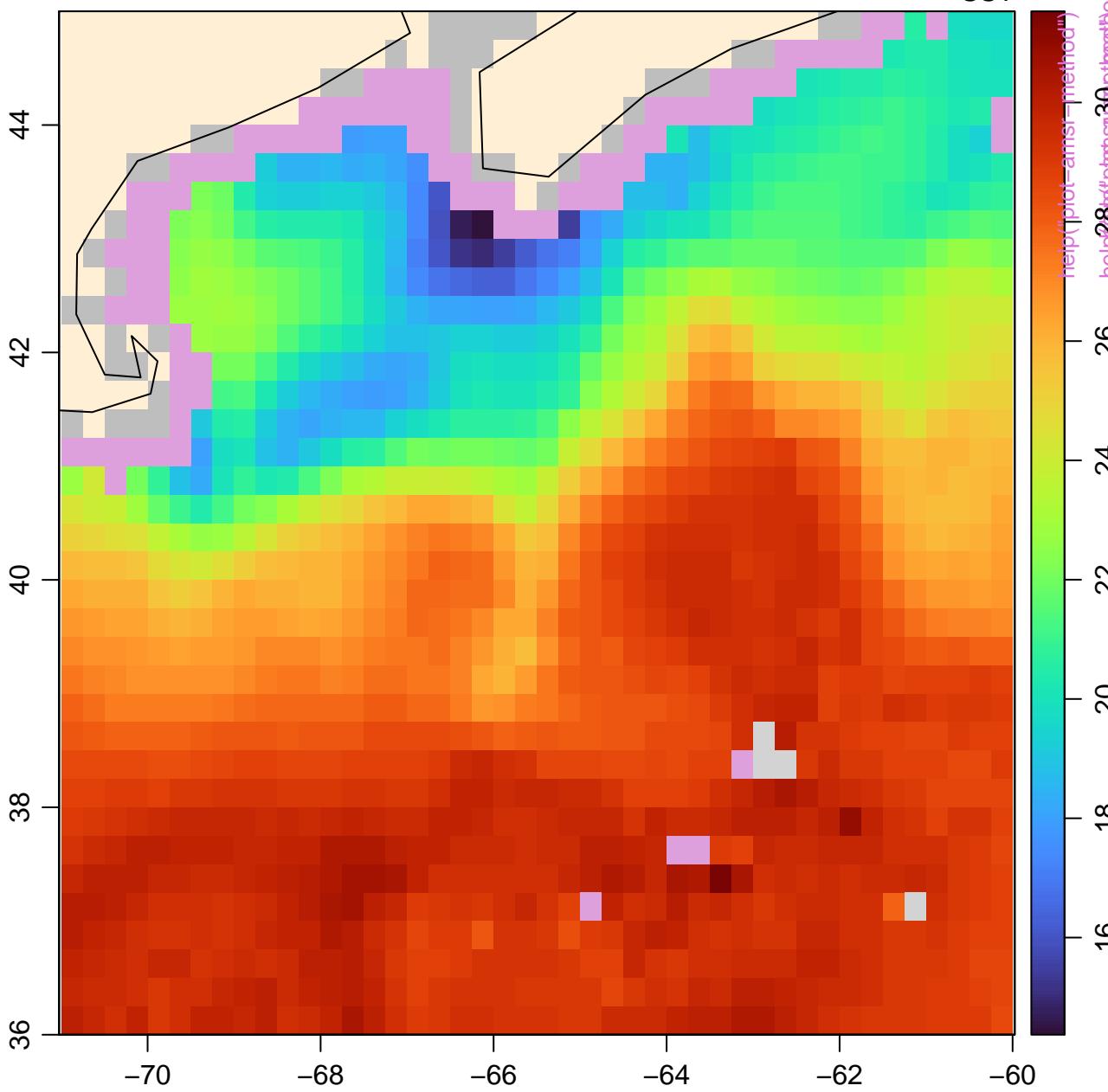
2008-06-30 23:59:57UTC to 2008-07-01 00:01:02UTC



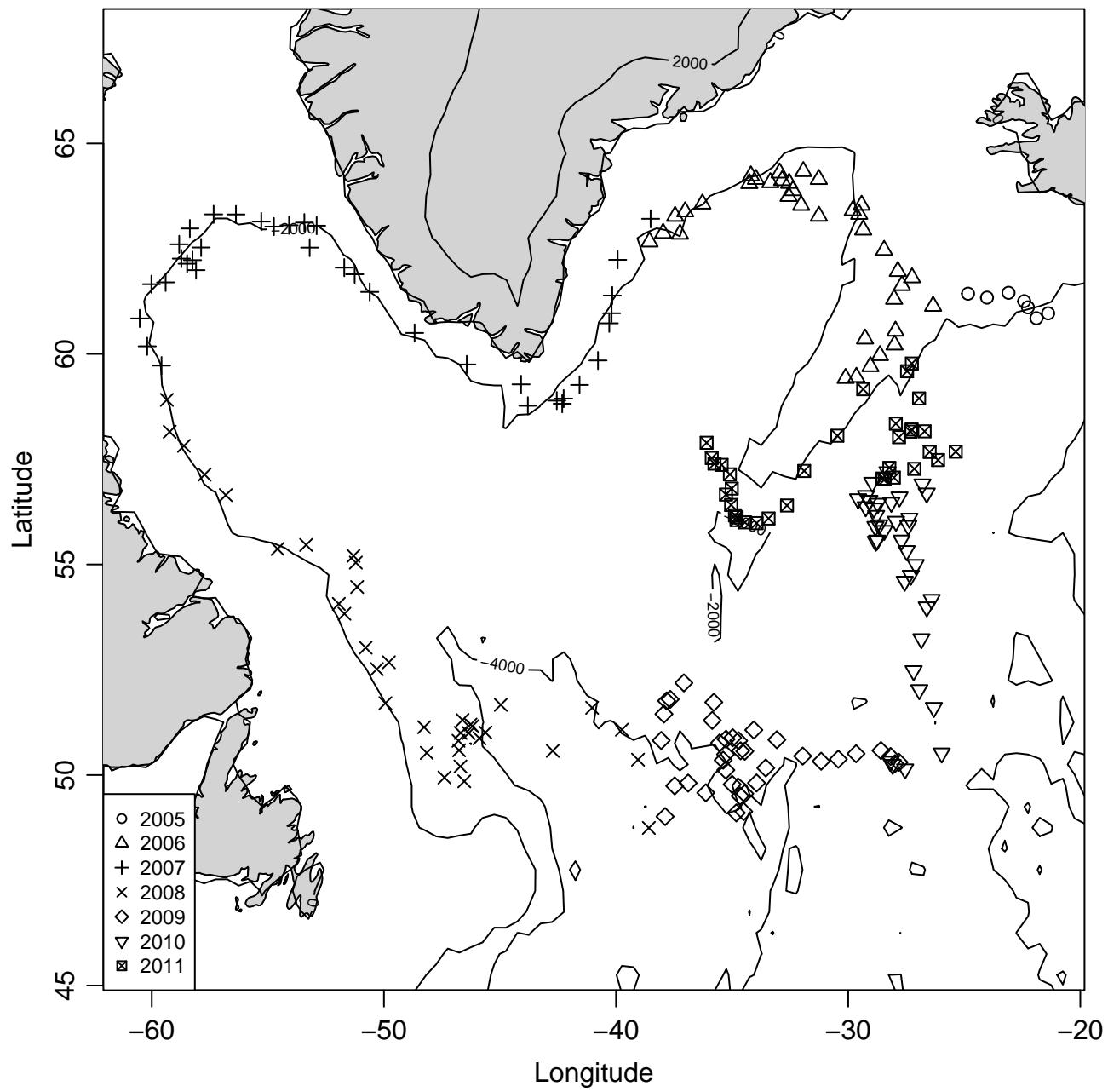
SST

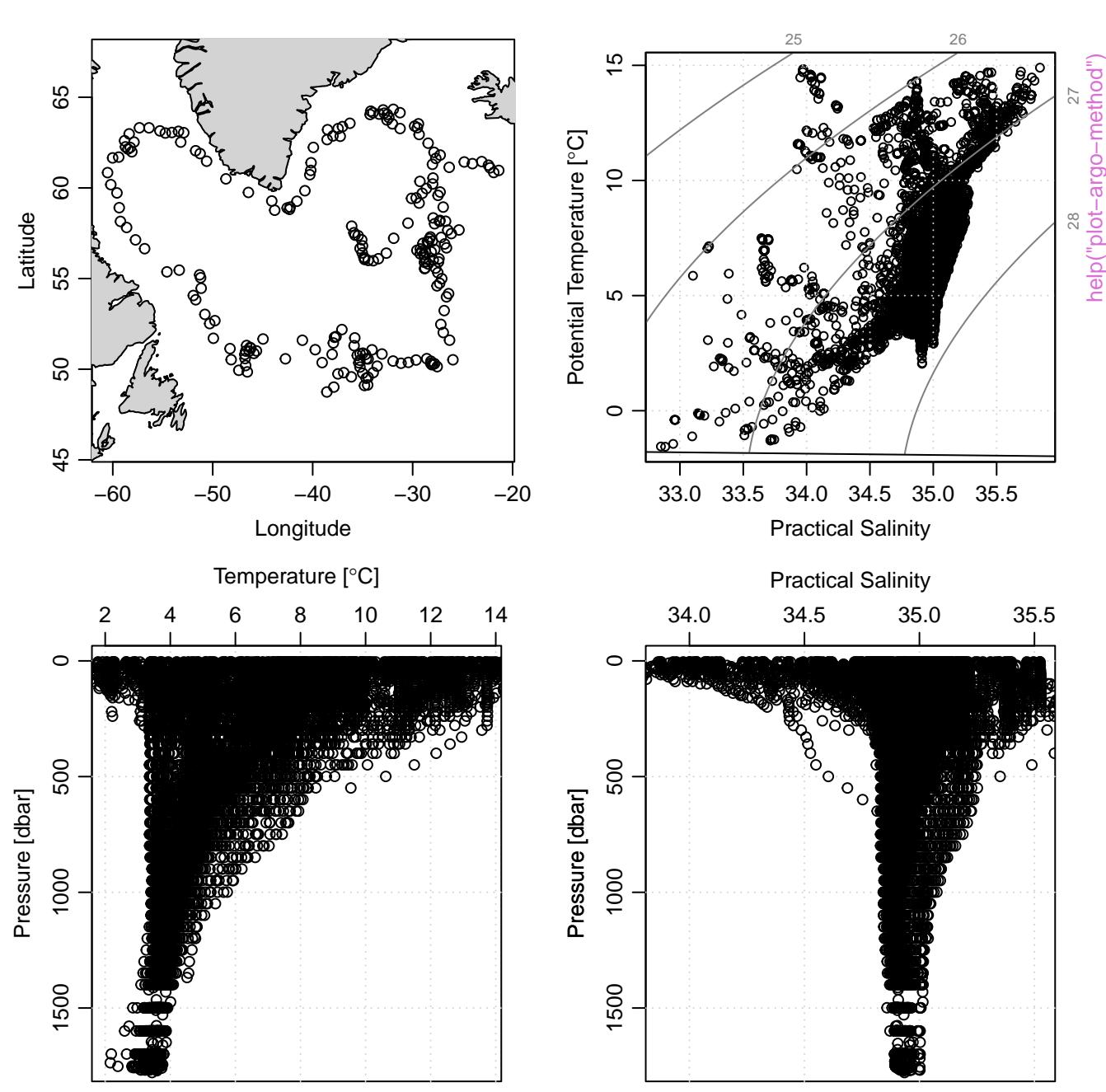


SST

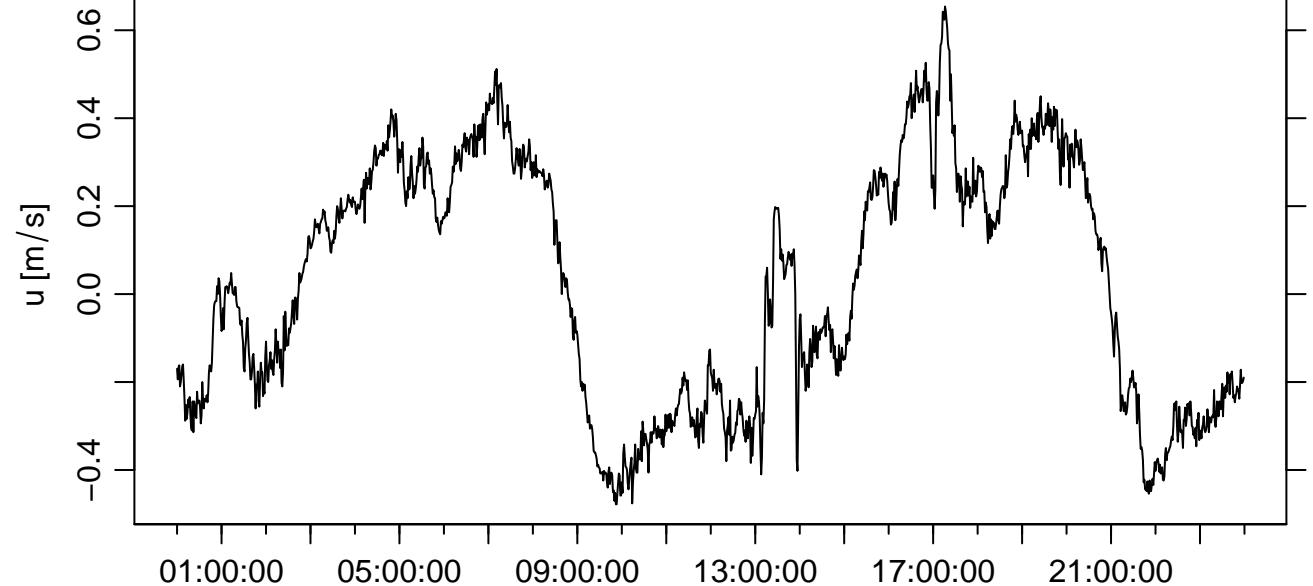


help("plot-argo-method")

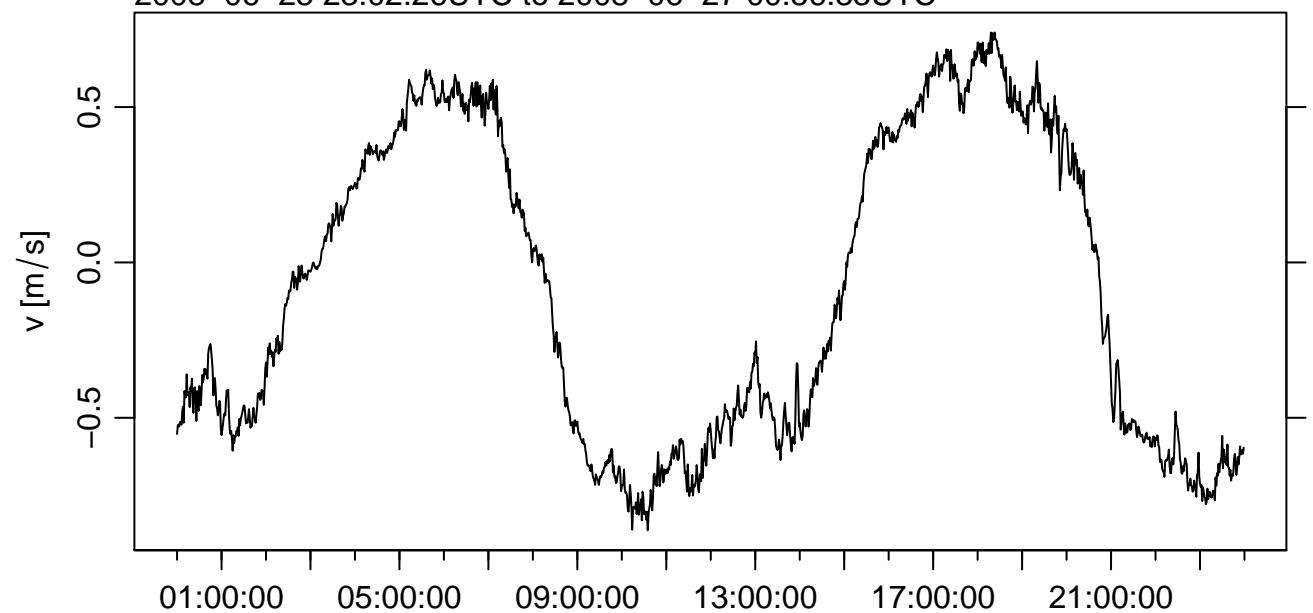




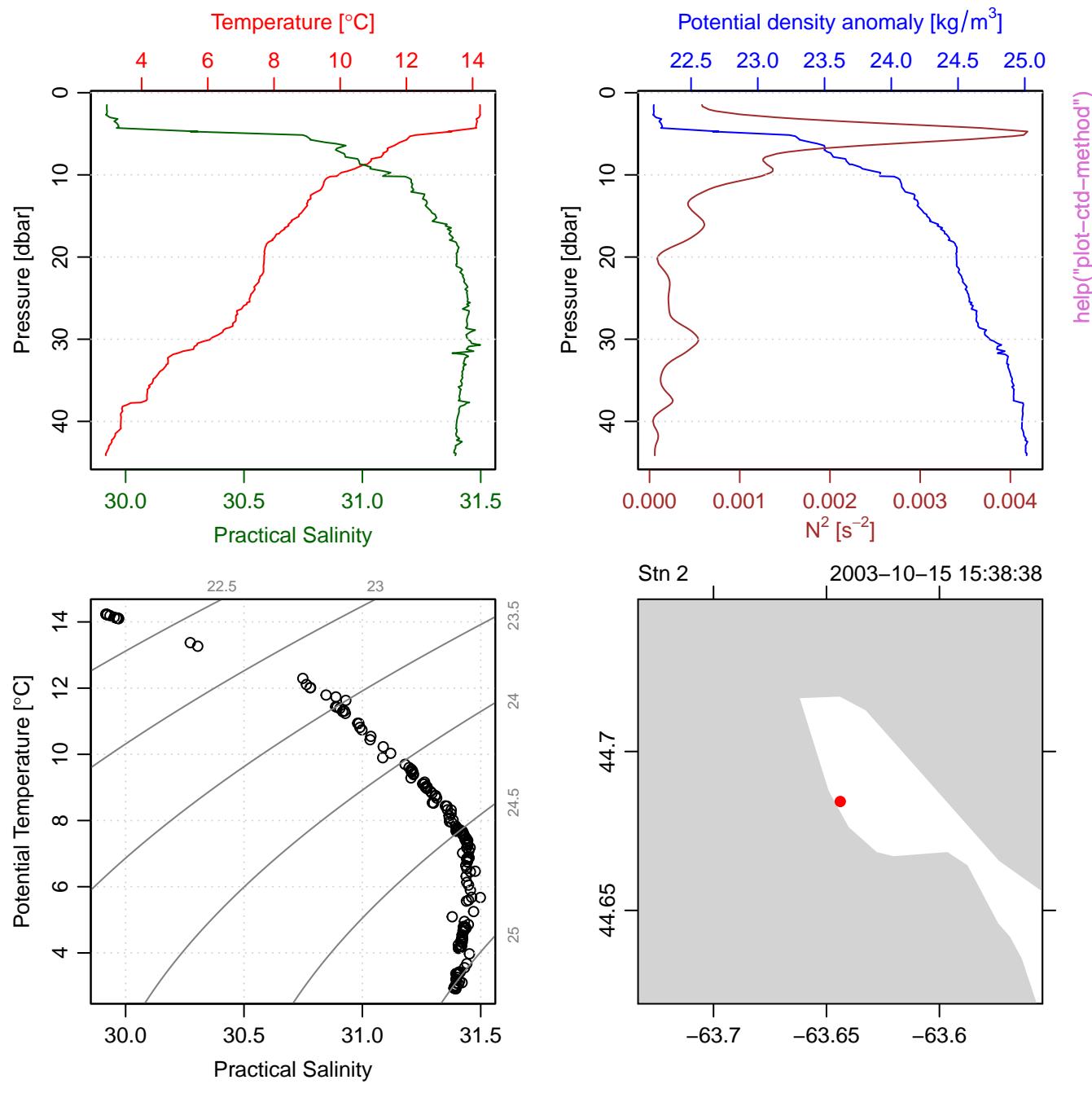
2008-06-25 23:02:26UTC to 2008-06-27 00:56:33UTC

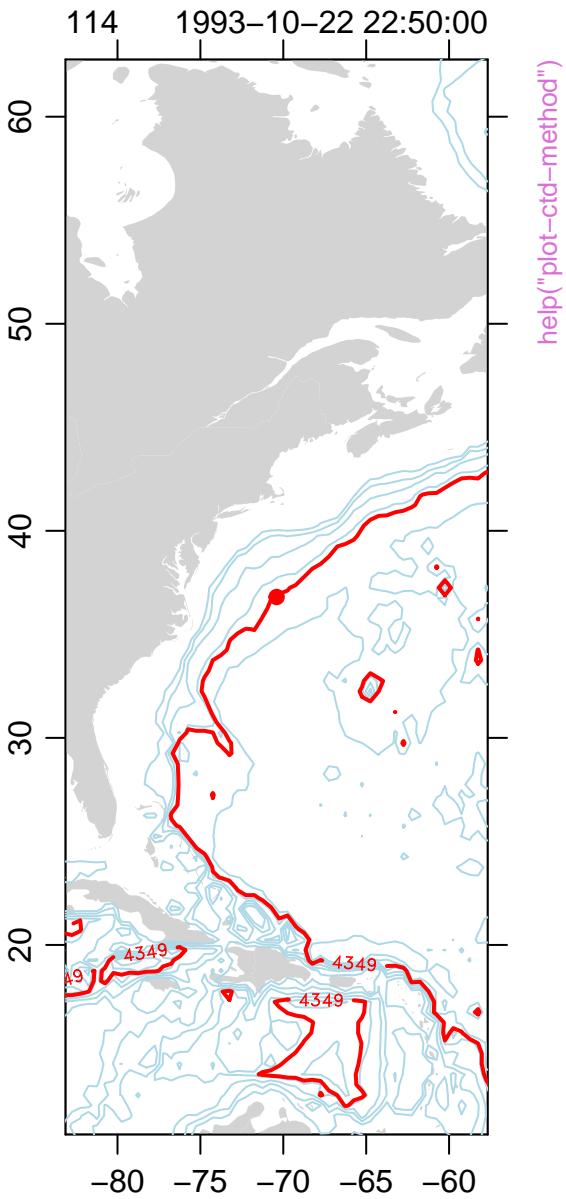
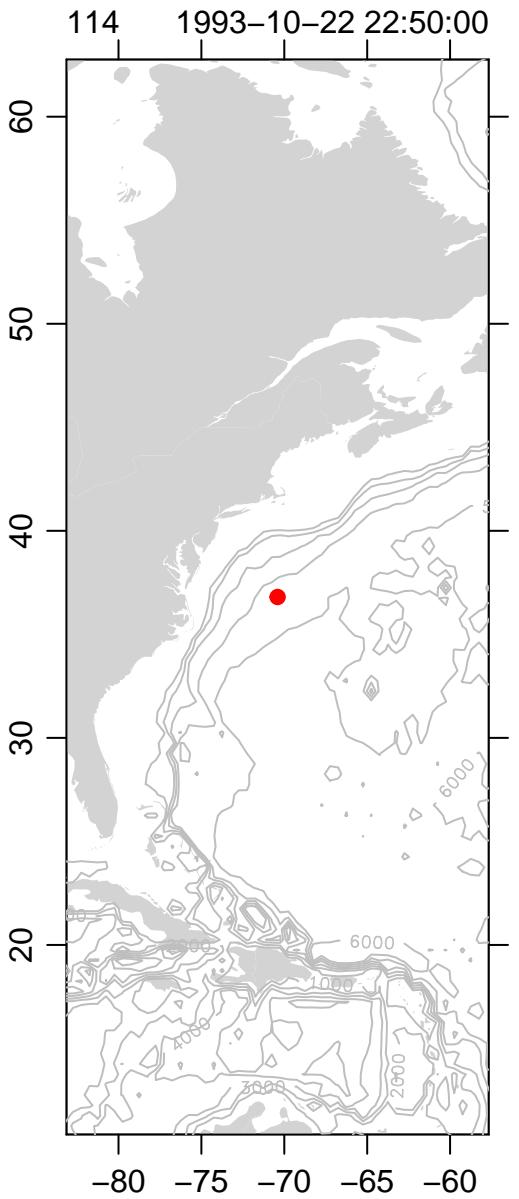


2008-06-25 23:02:26UTC to 2008-06-27 00:56:33UTC



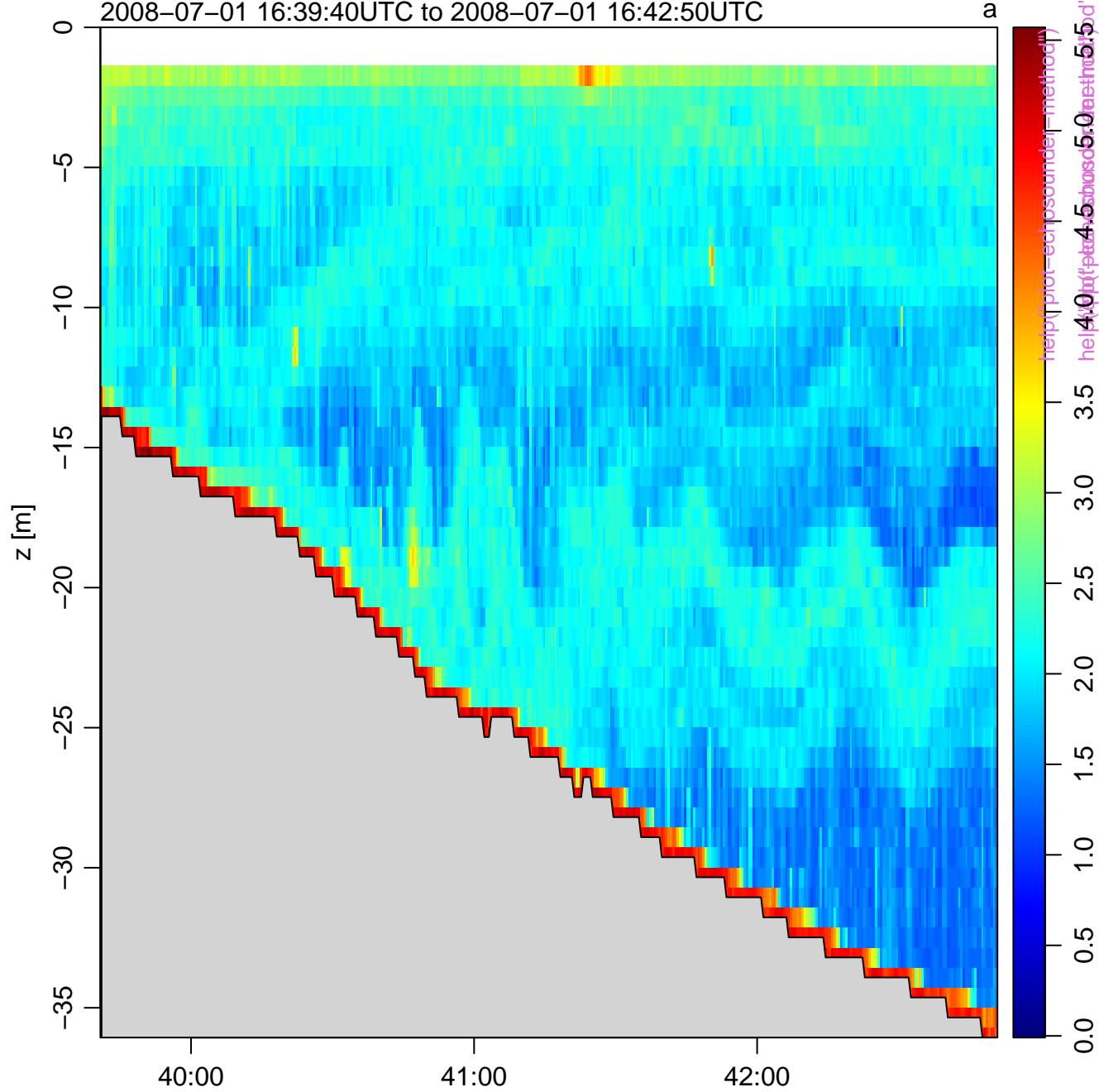
help('plotCprotoMethod')

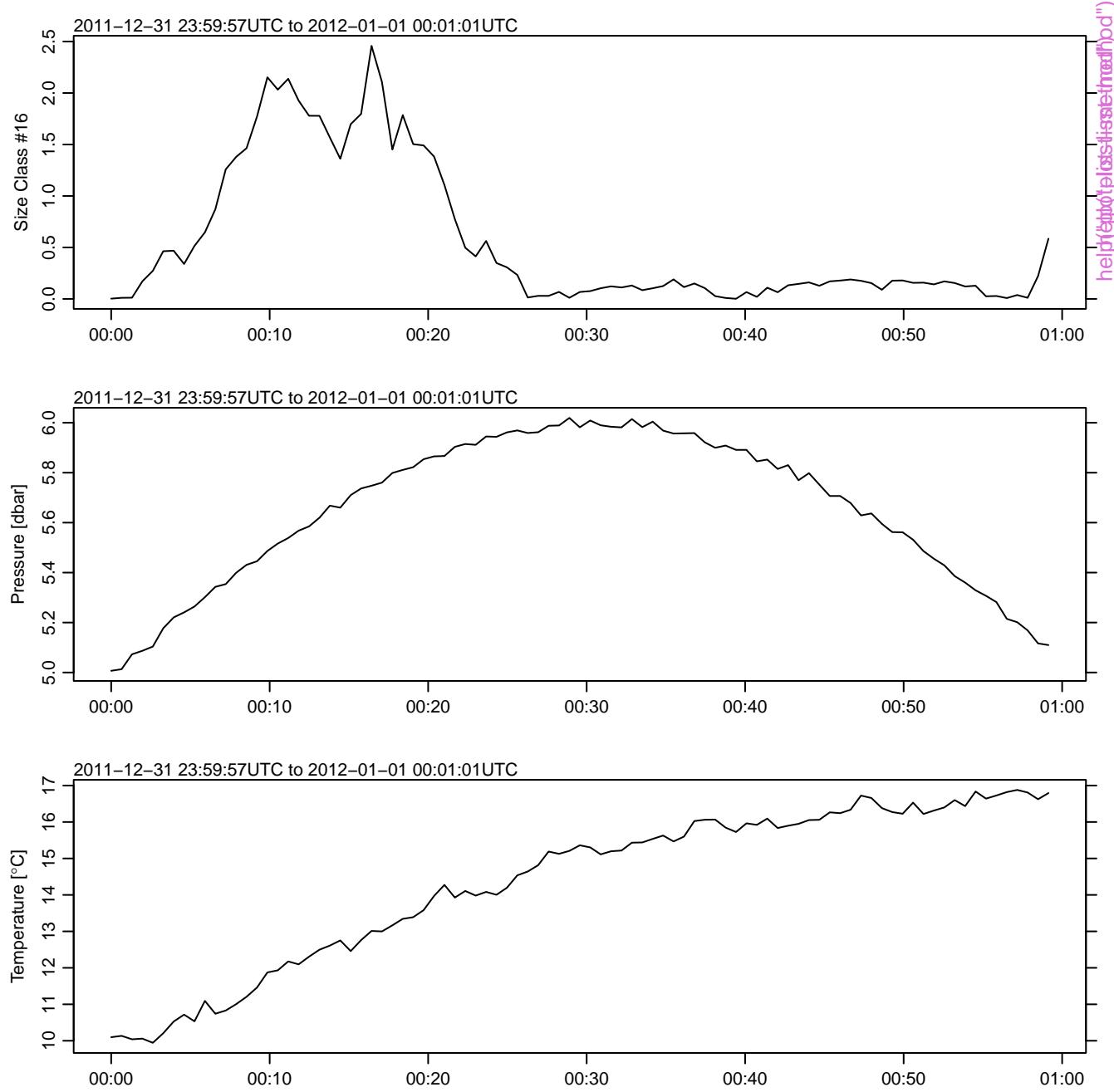




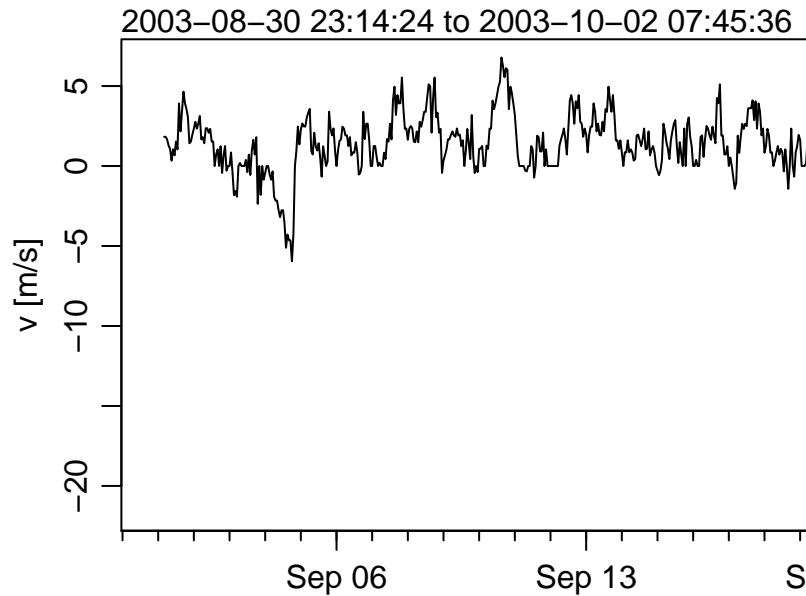
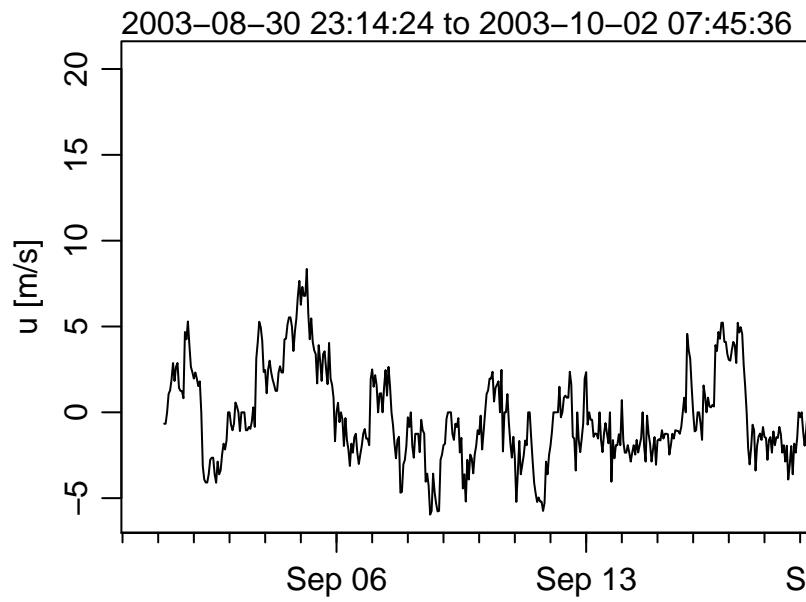
2008-07-01 16:39:40UTC to 2008-07-01 16:42:50UTC

a





help("ipyplot-[matplotlib-methods](#)")



2003-09-28 15:02:24UTC to 2003-09-29 16:57:36UTC

Speed [m/s]

20
15
10
5

17:00:00 21:00:00 01:00:00 05:00:00 09:00:00 13:00:00

help("matplotlib-methods")

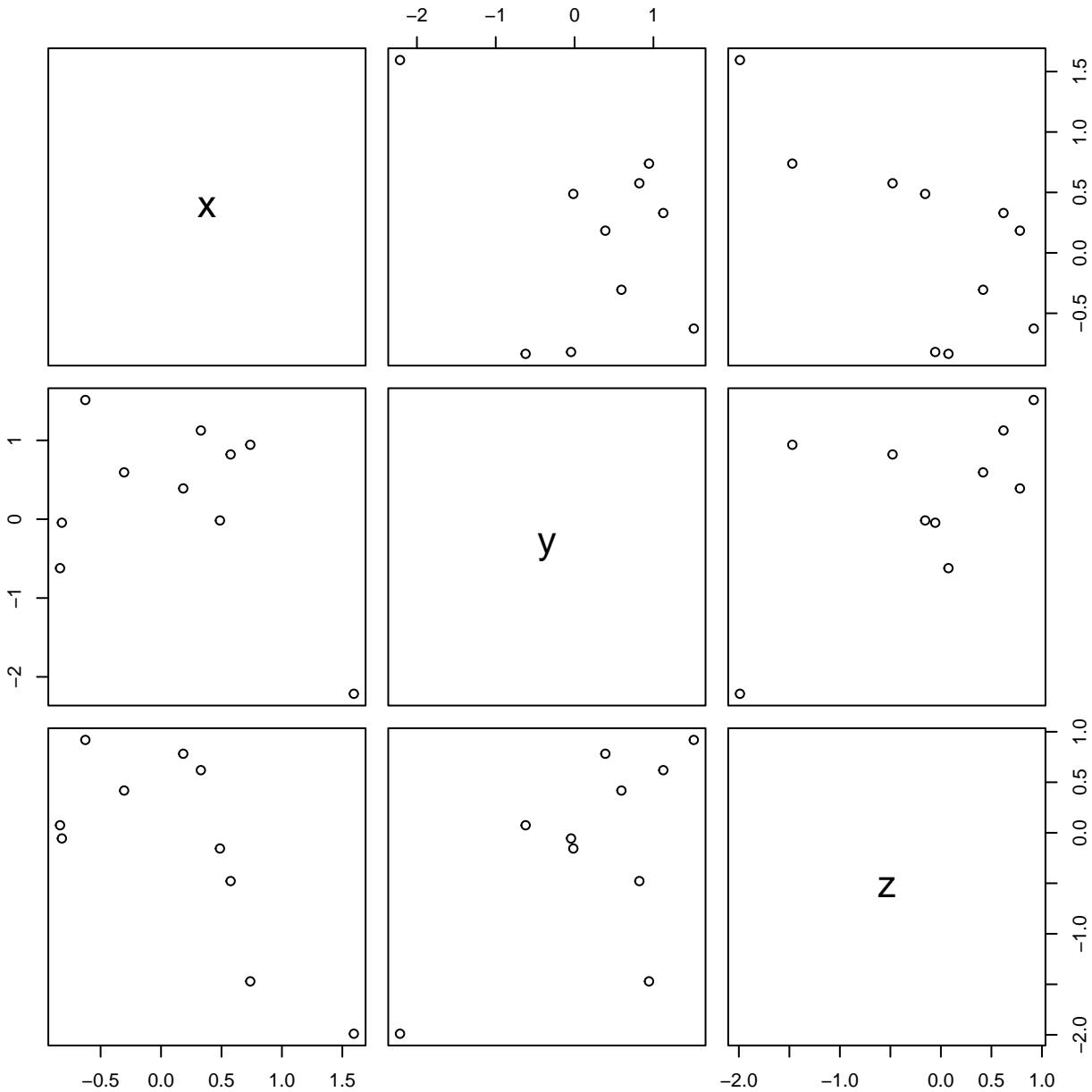
2003-09-28 15:02:24UTC to 2003-09-29 16:57:36UTC

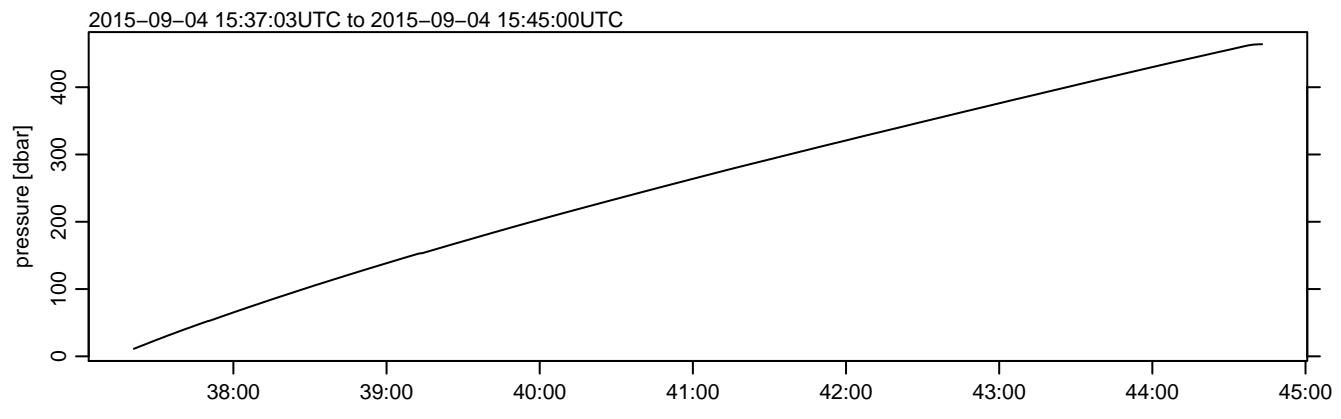
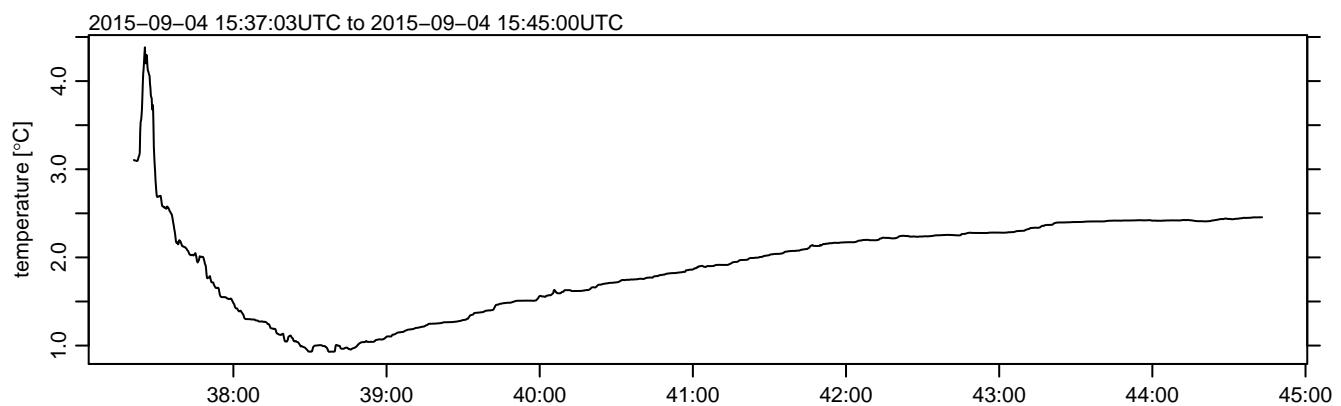
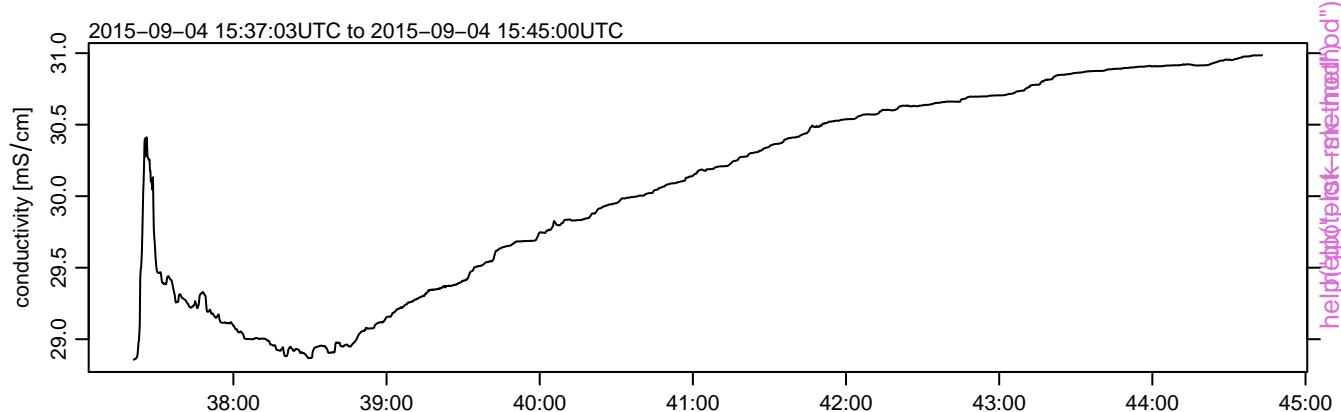
Direction [deg]

200
180
160
140
120
100

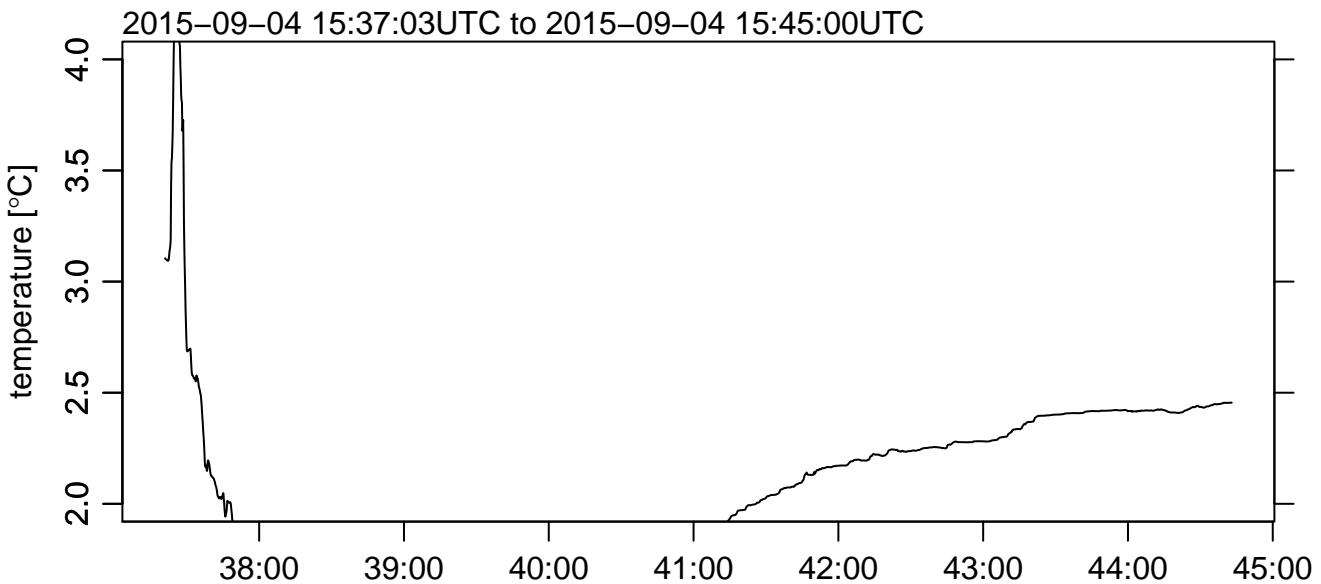
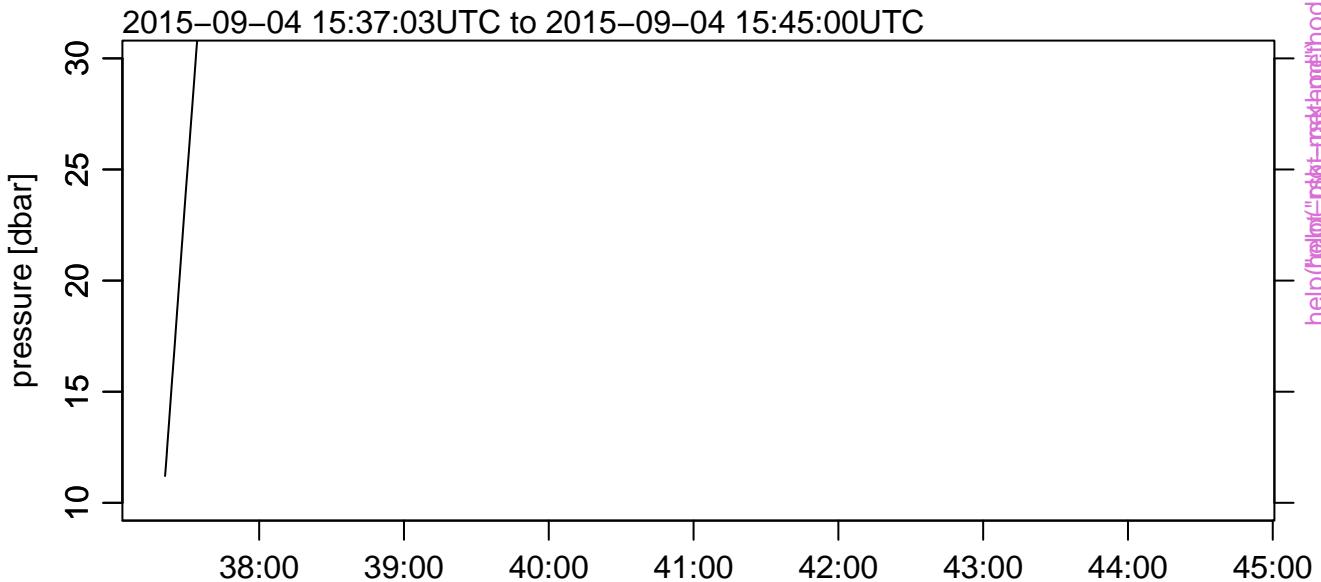
17:00:00 21:00:00 01:00:00 05:00:00 09:00:00 13:00:00

```
help("plot-oce-method")
```



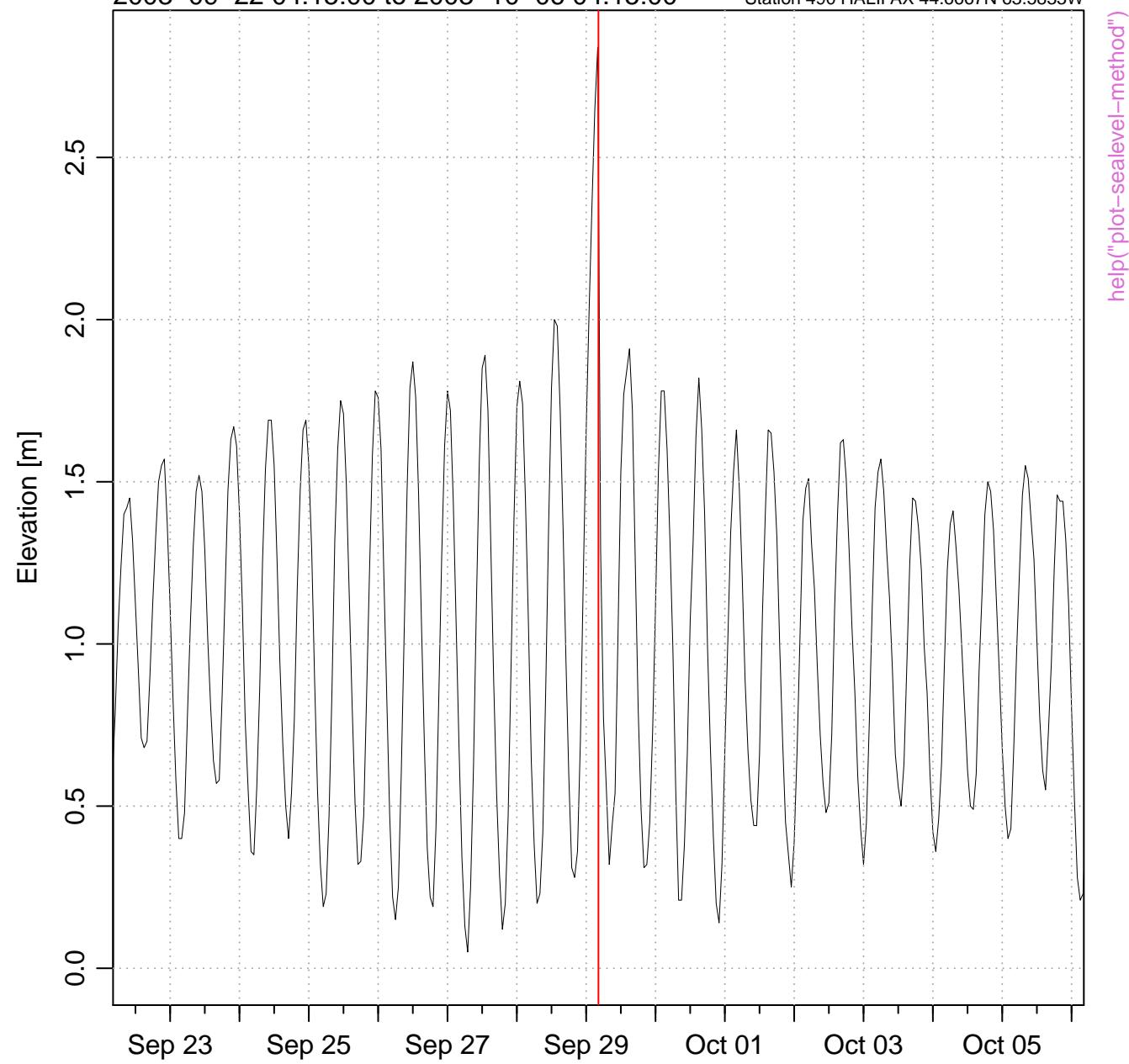


help('matplotlib-tutorial')

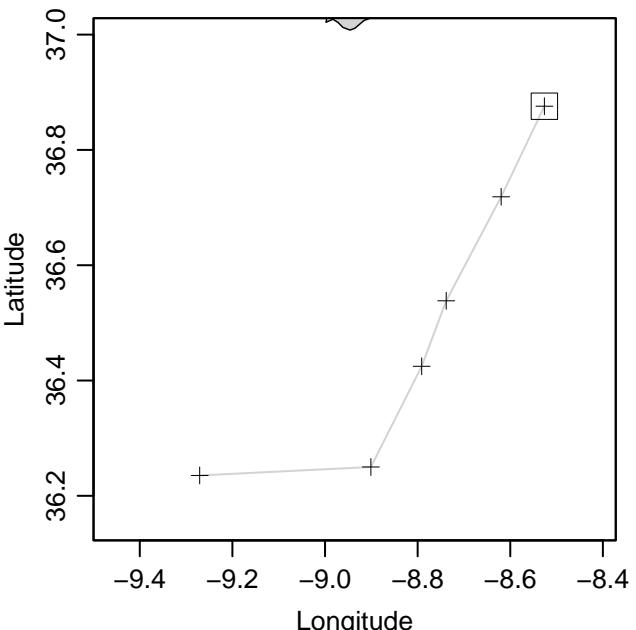
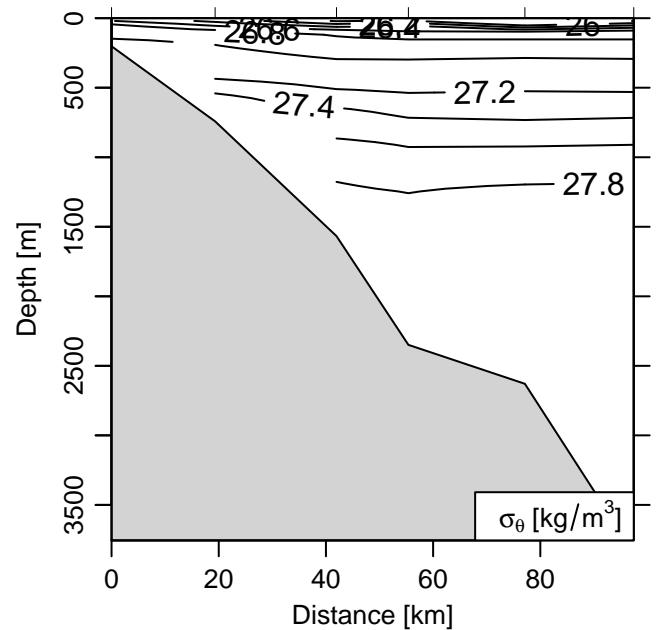
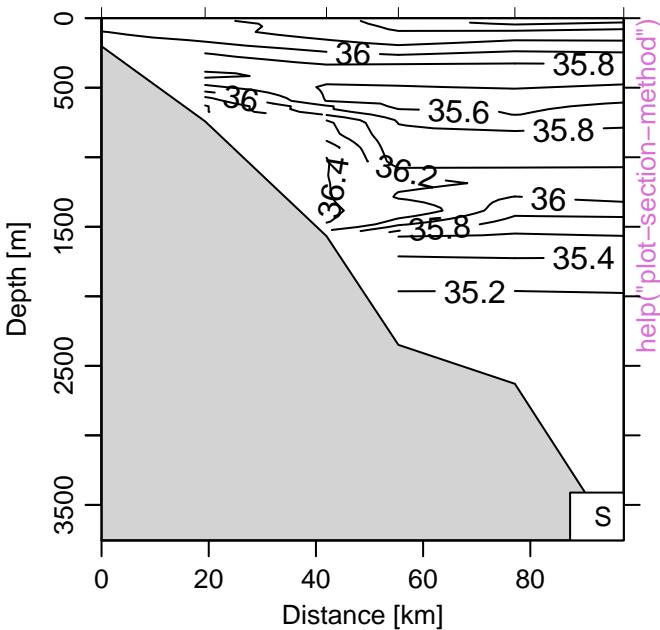
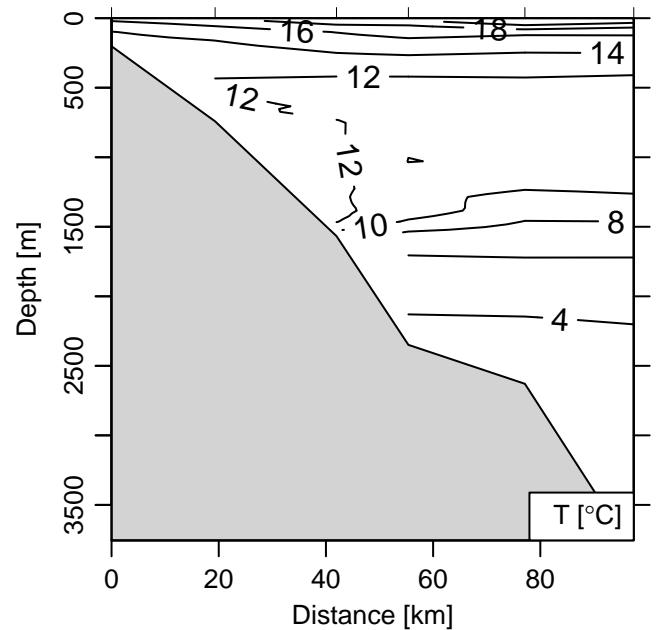


2003-09-22 04:15:00 to 2003-10-06 04:15:00

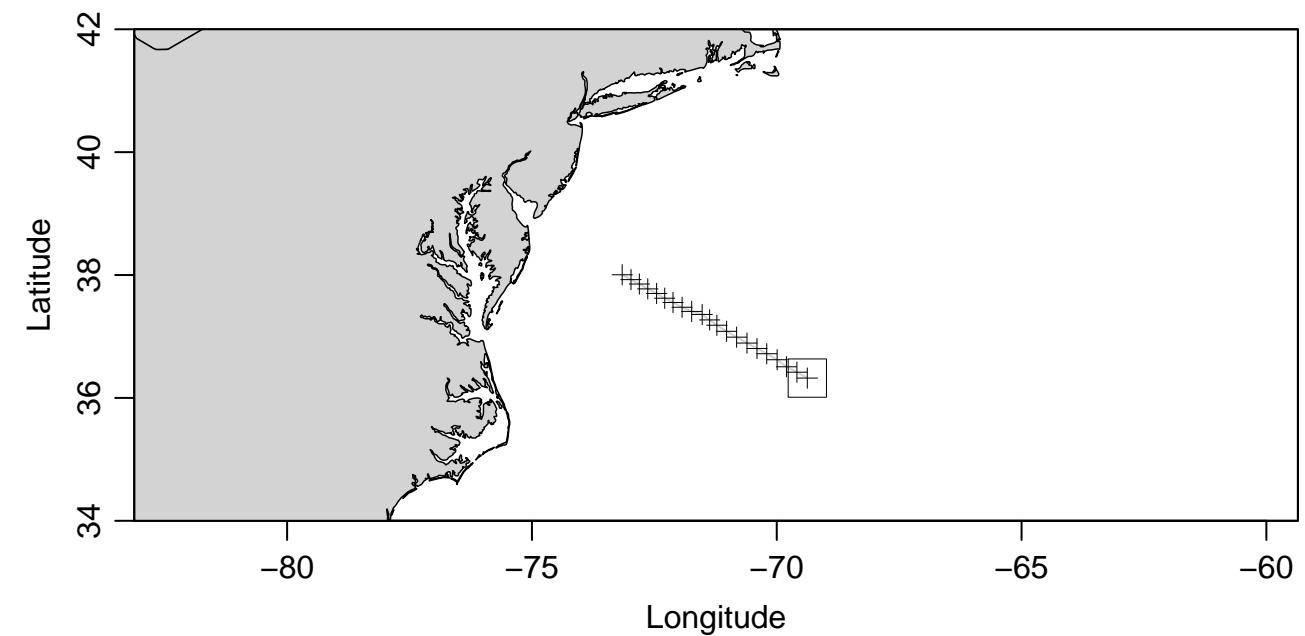
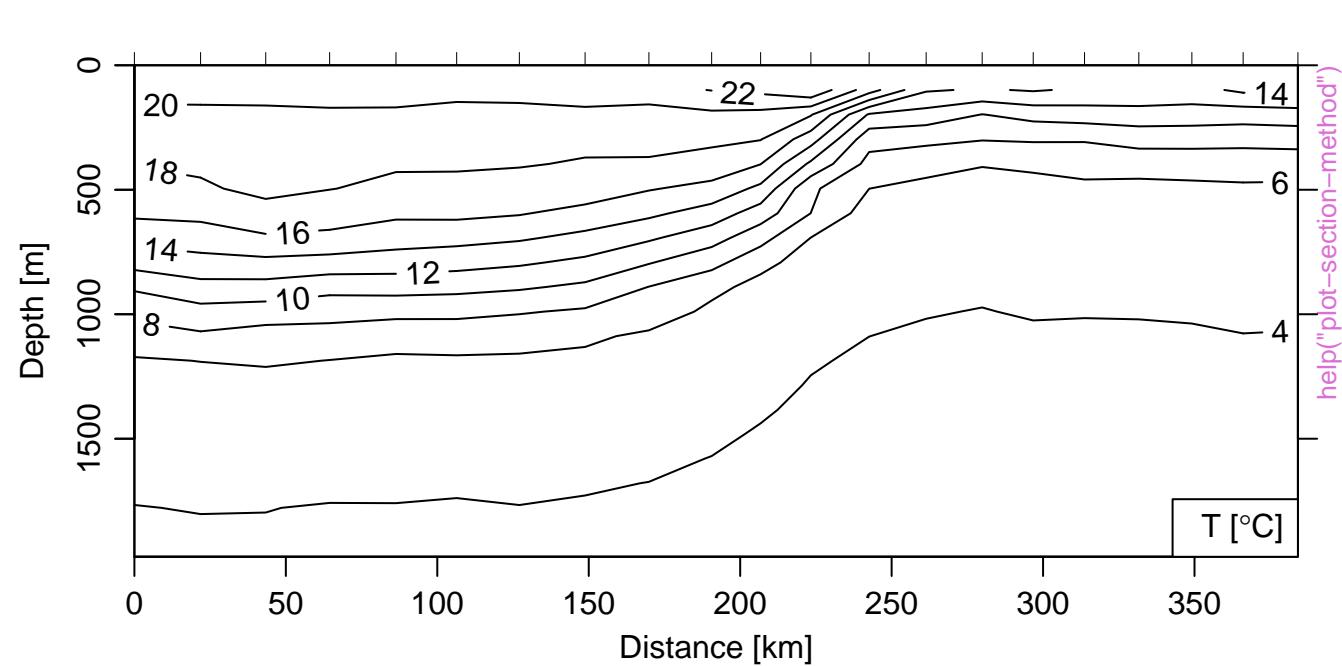
Station 490 HALIFAX 44.6667N 63.5833W

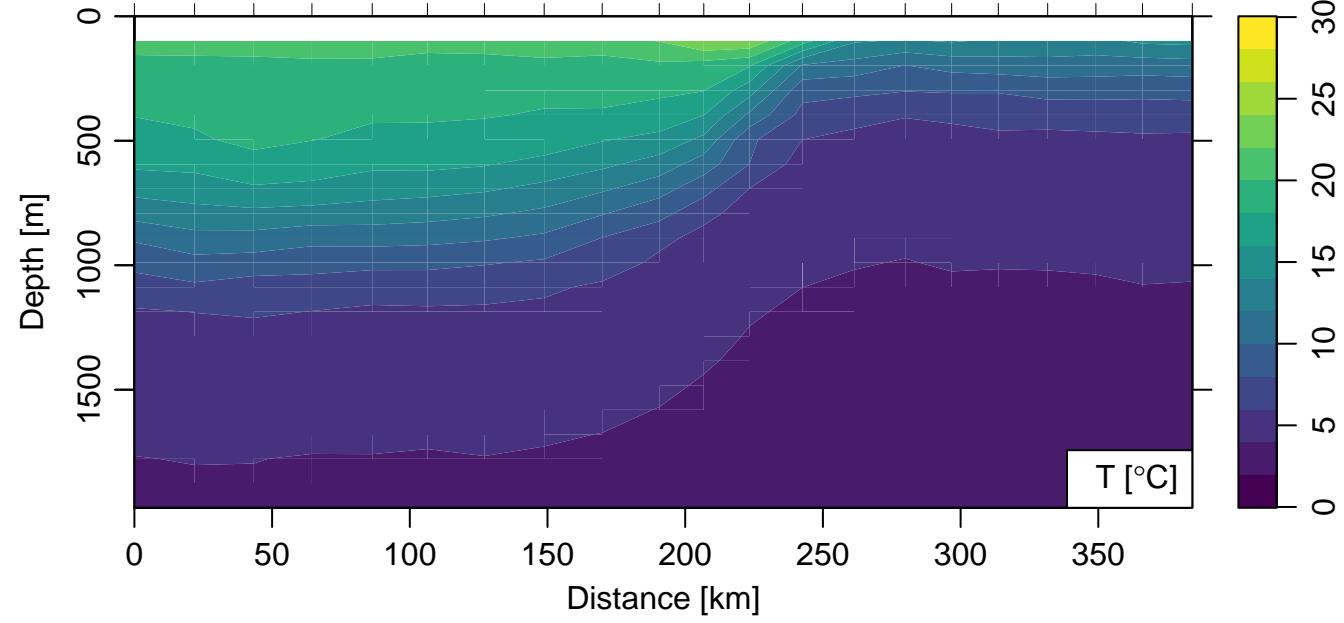
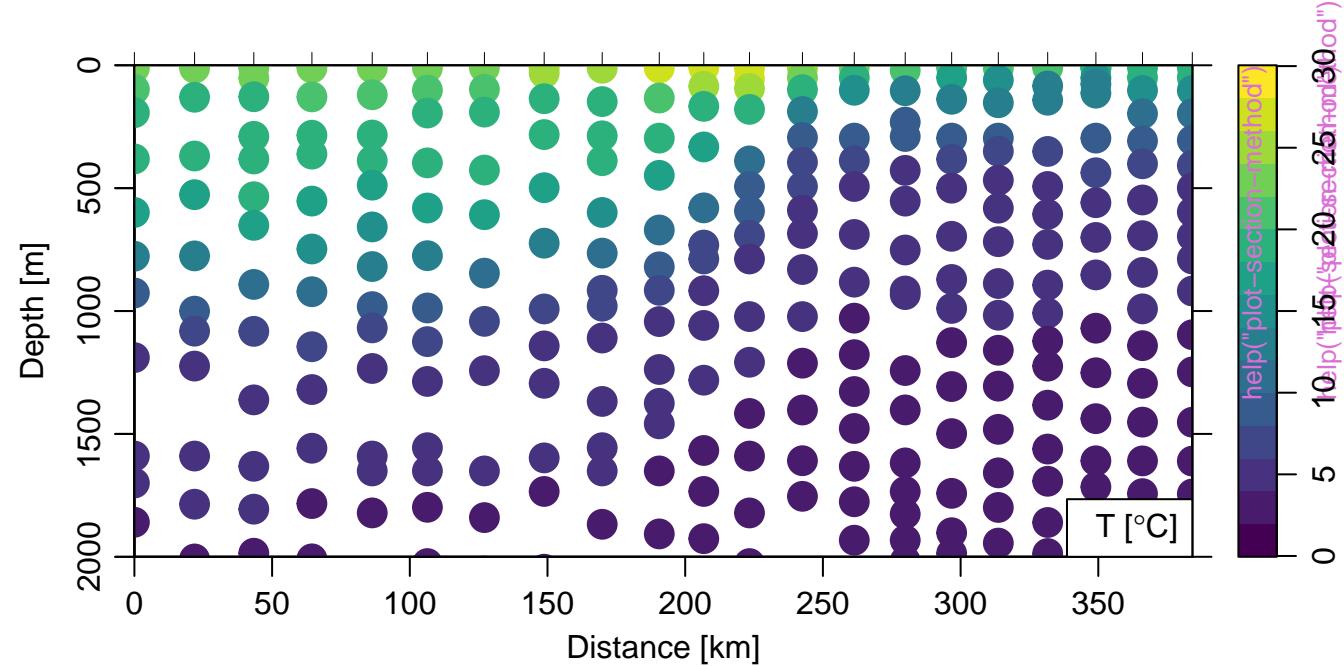


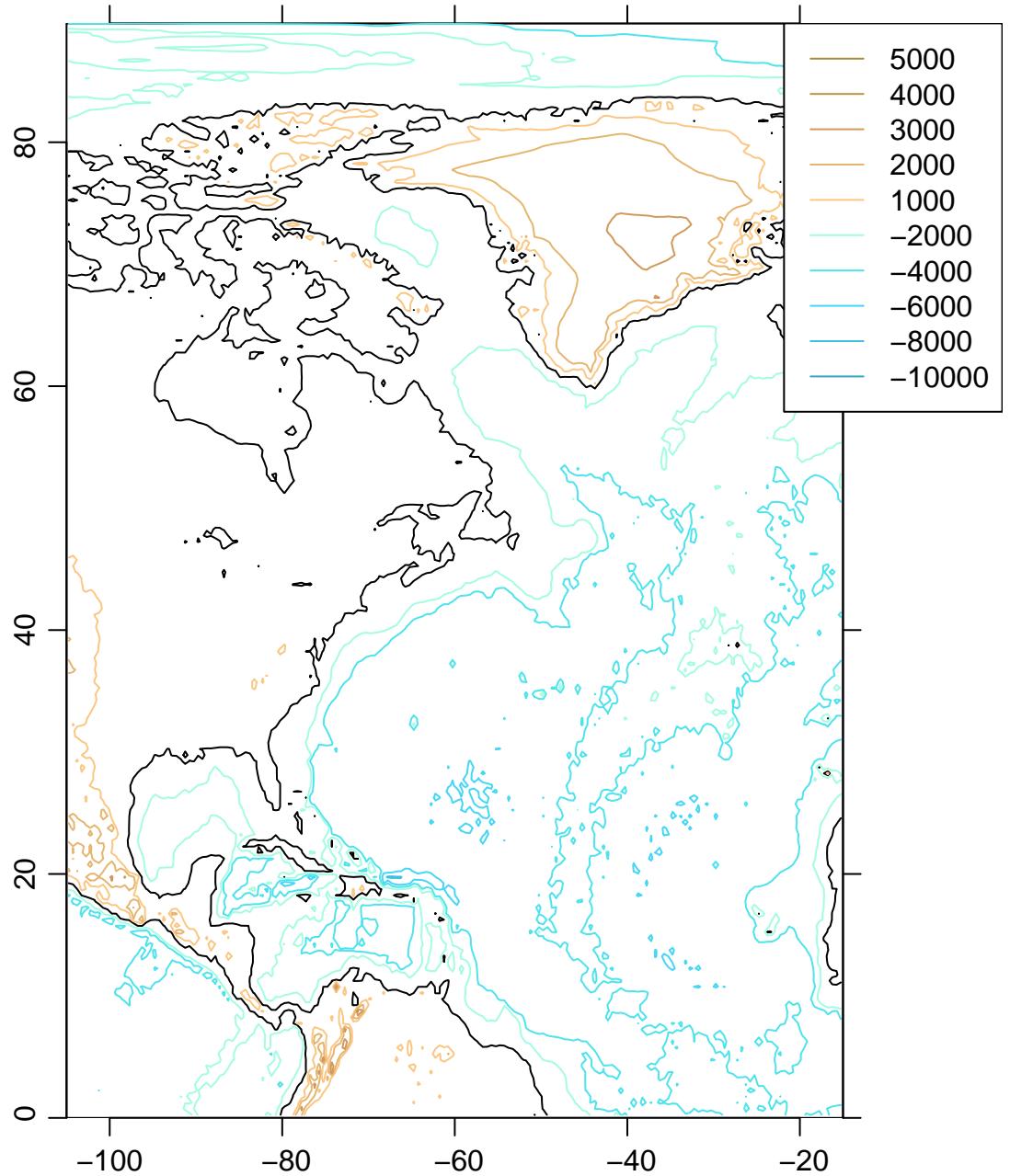
help("plot-sealevel-method")



help("plot-section-method")

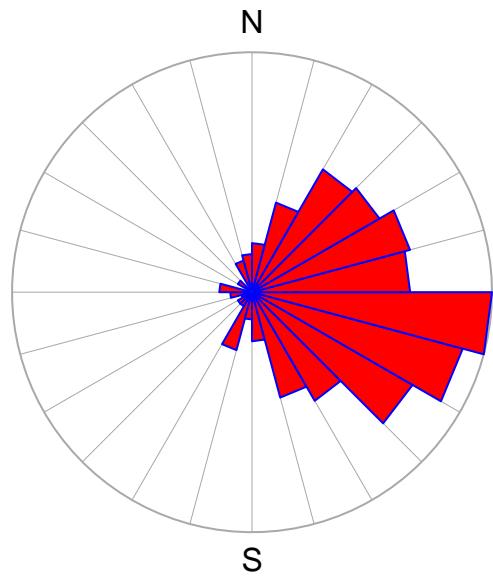




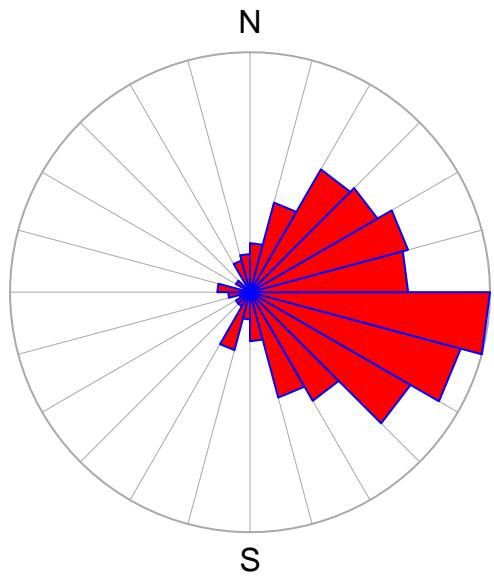


help("plot-topo-method")

Counts (max 44)



Counts (max 44)



help("plot-windrose-method")

Temperature [°C]

20.900

20.902

20.904

20.906

20.908

20.910

z [m]

-5.5

-6.0

-6.5

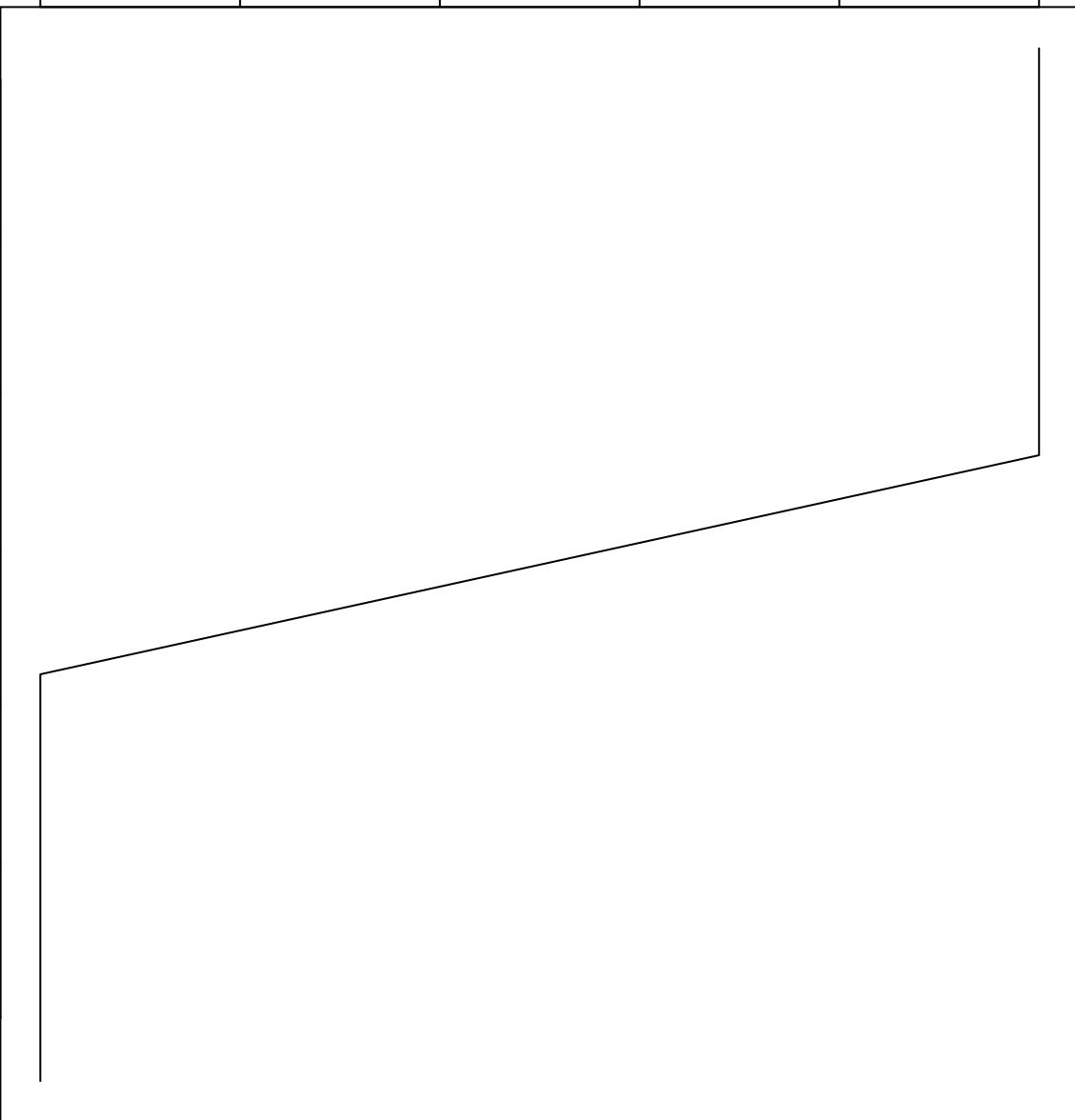
-7.0

-7.5

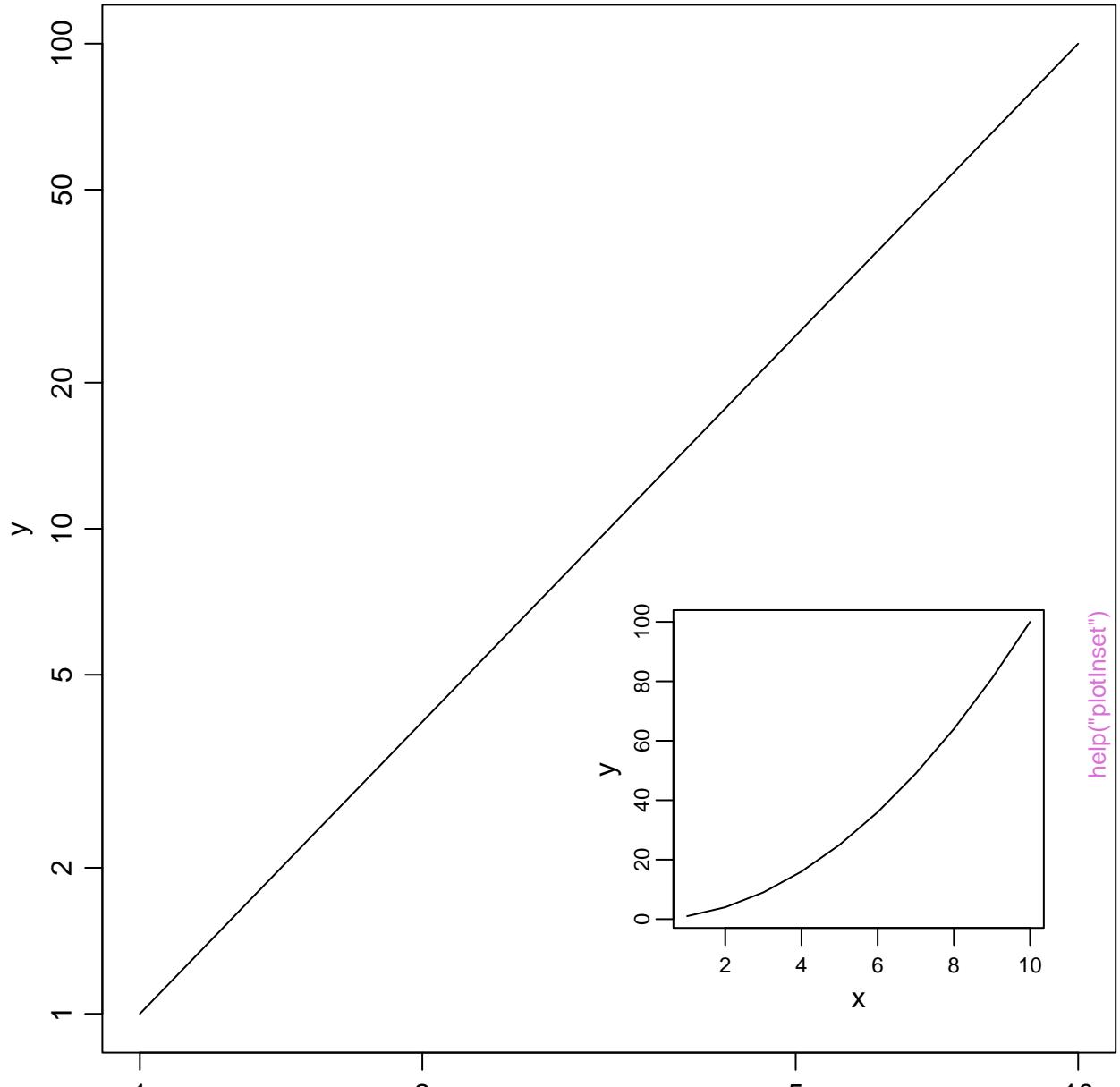
-8.0

-8.5

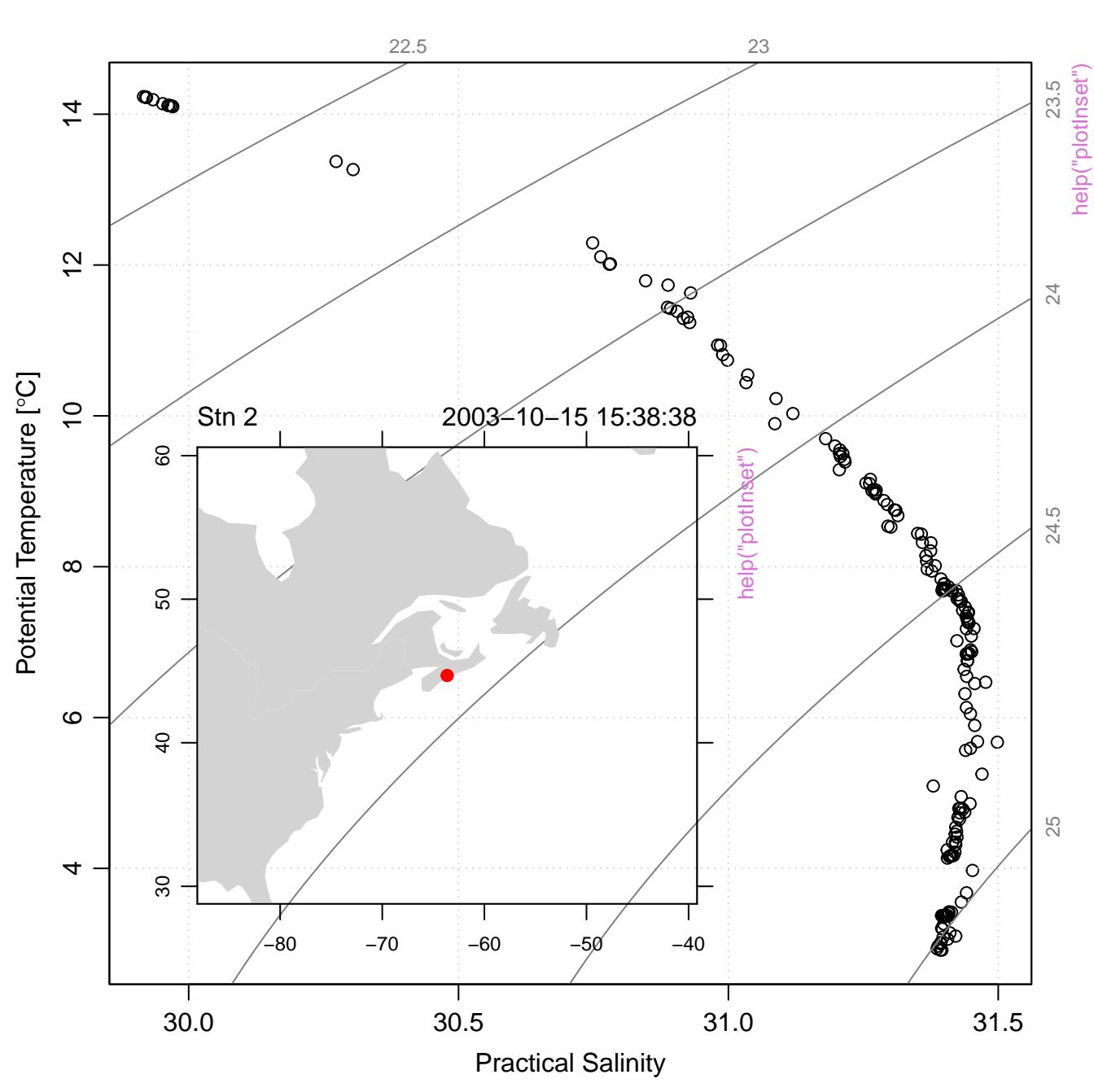
help("plot-xbt-method")

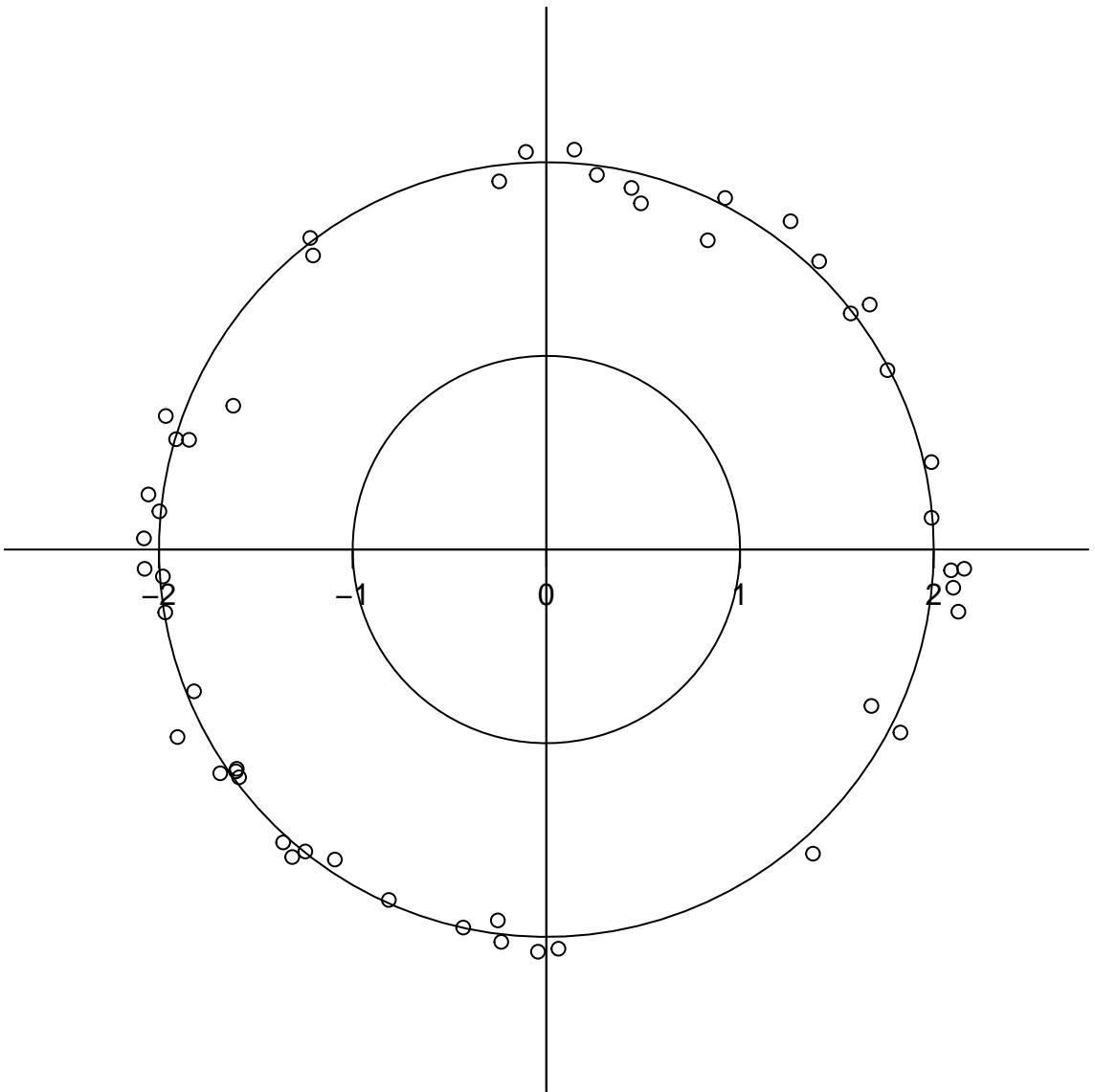


help("plotinset")



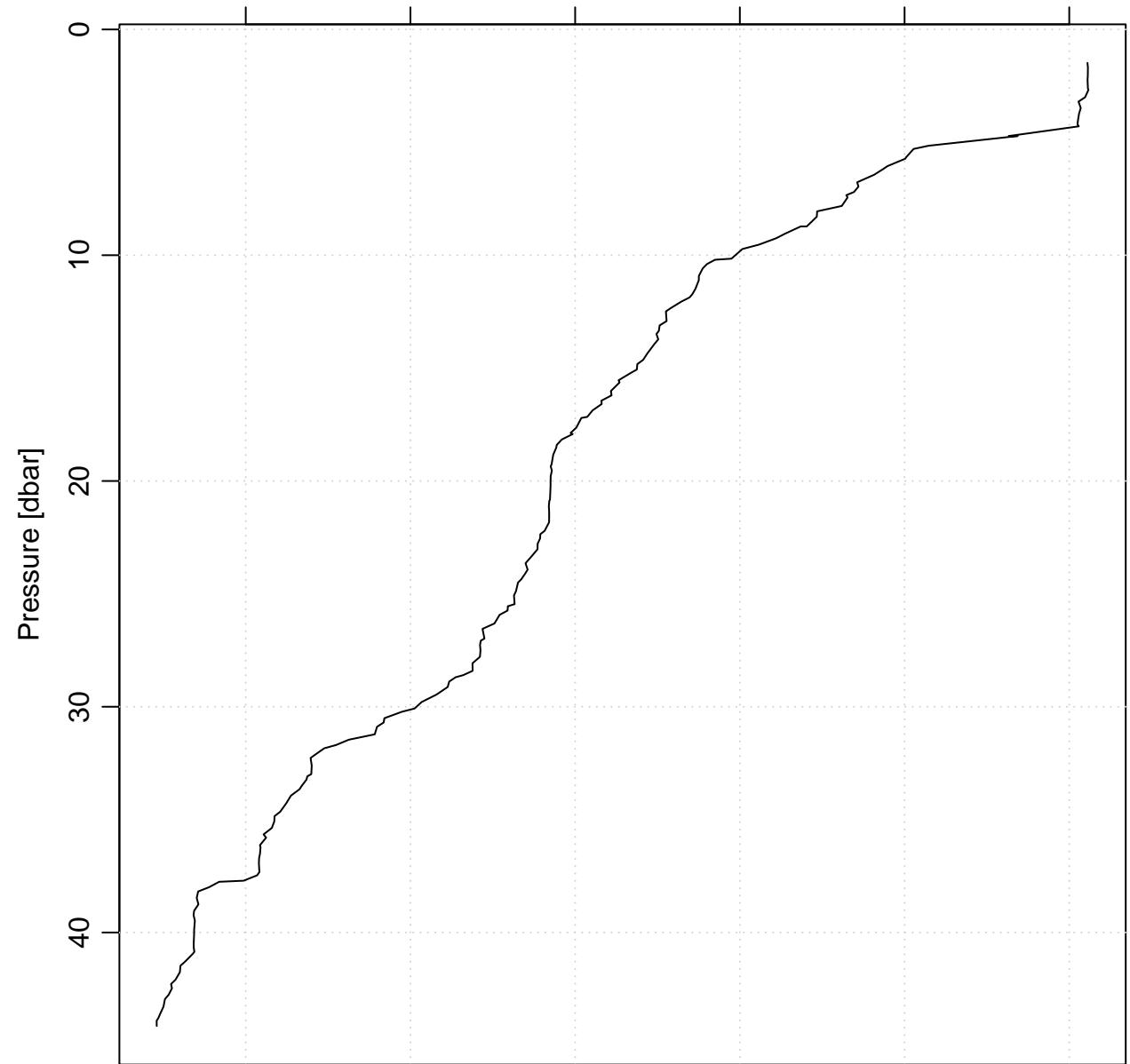
help("plotinset")





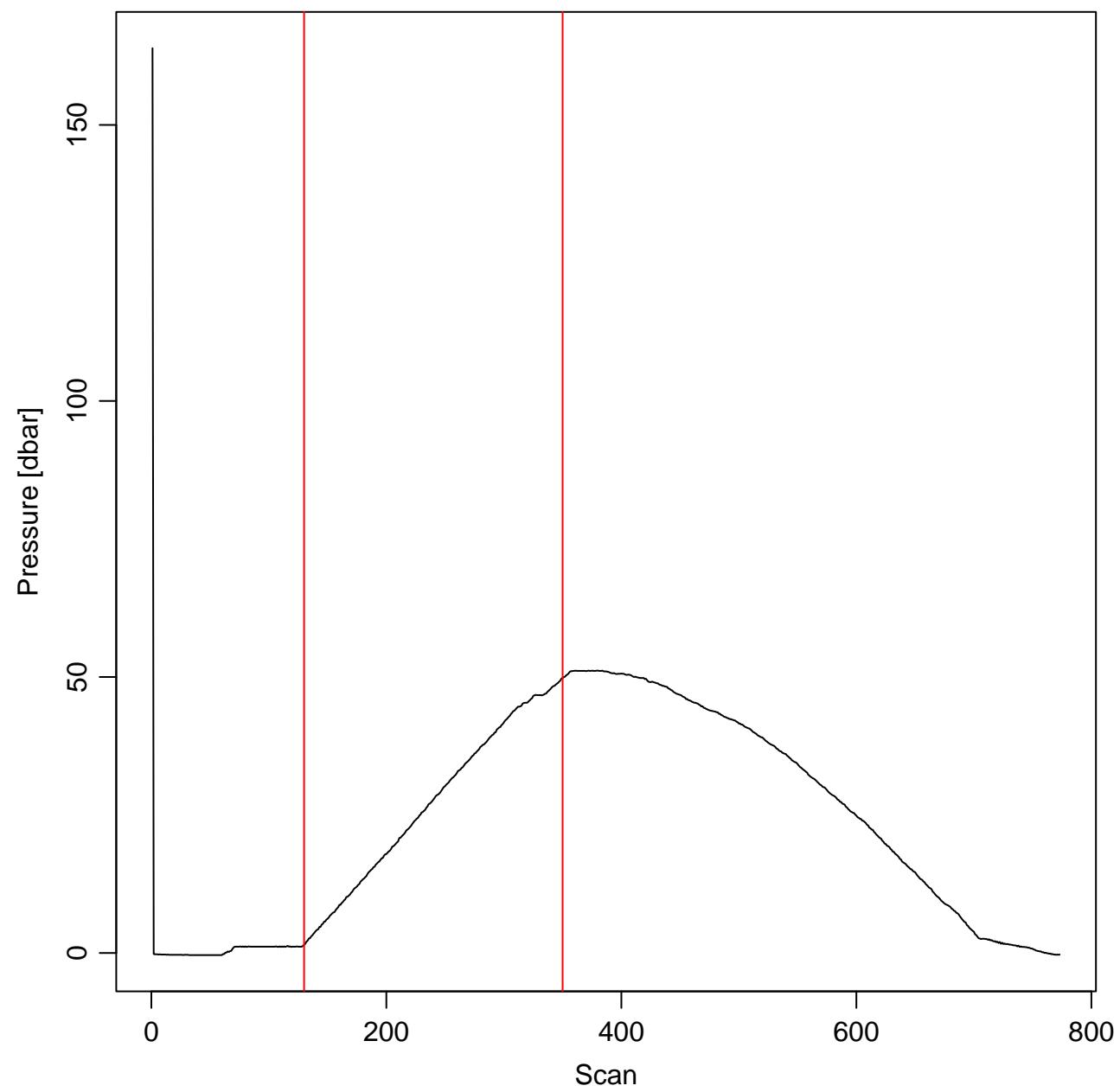
help("plotPolar")

Temperature [°C]

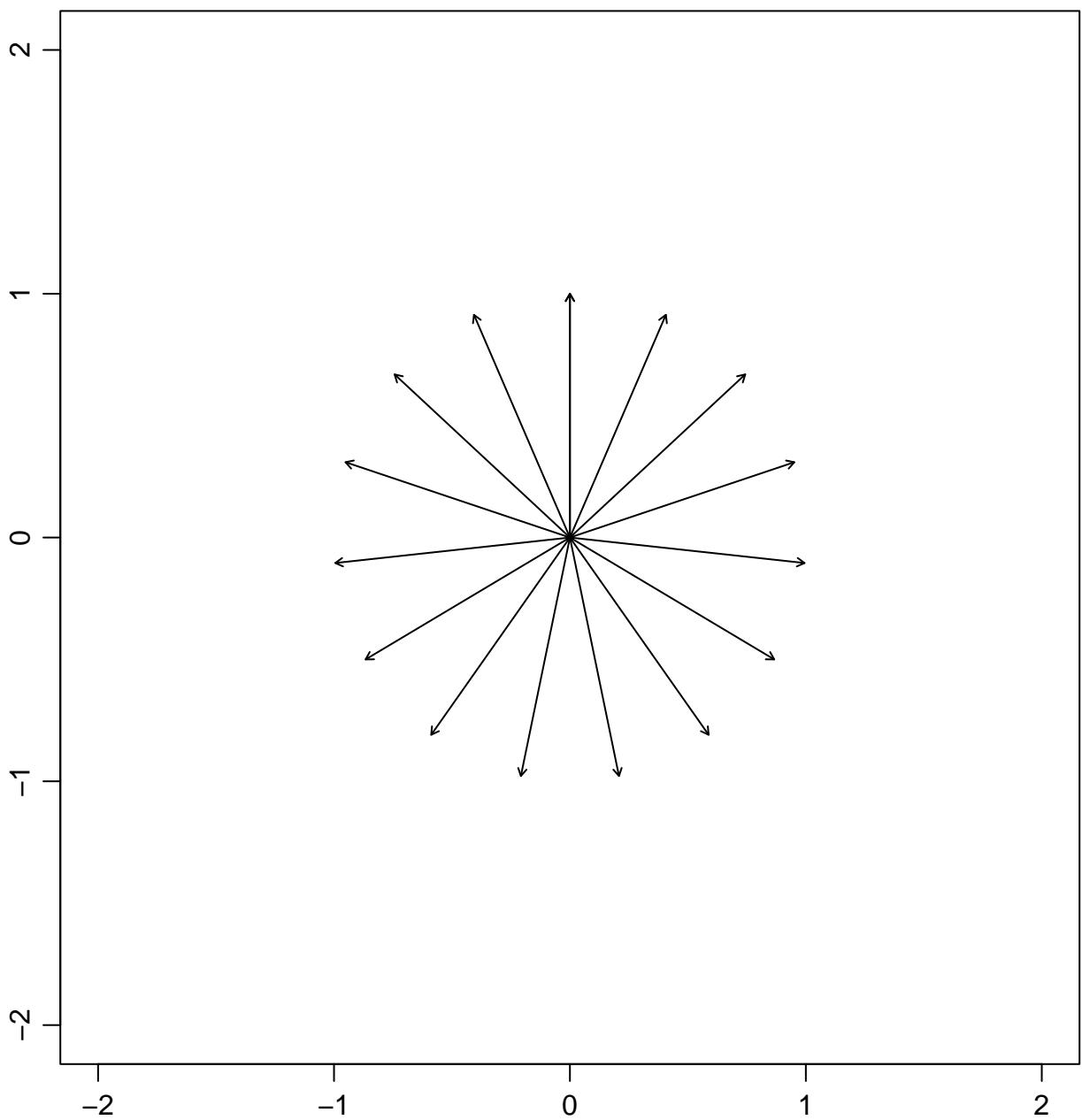


help("plotProfile")

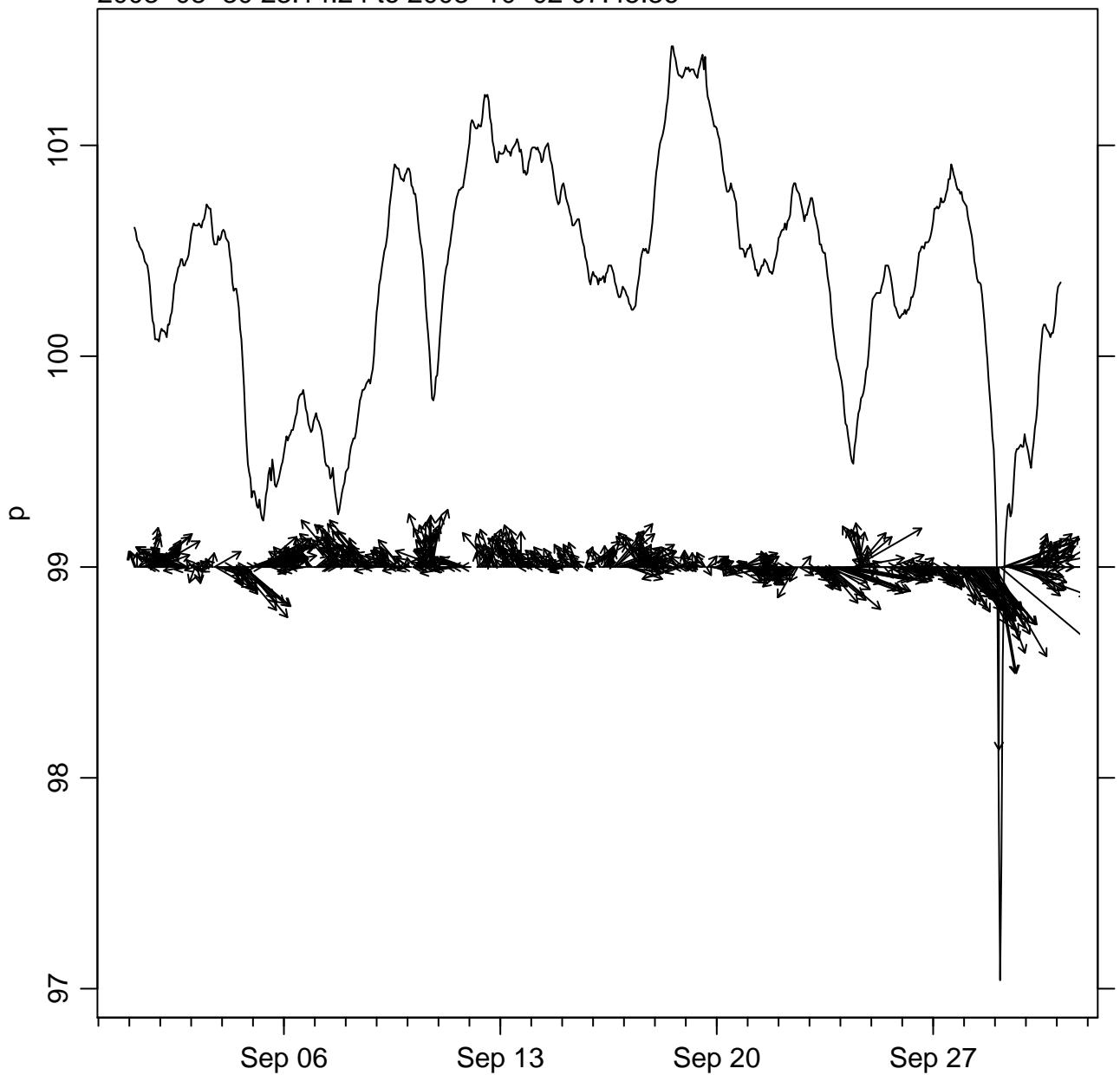
help("plotScan")



help("plotSticks")

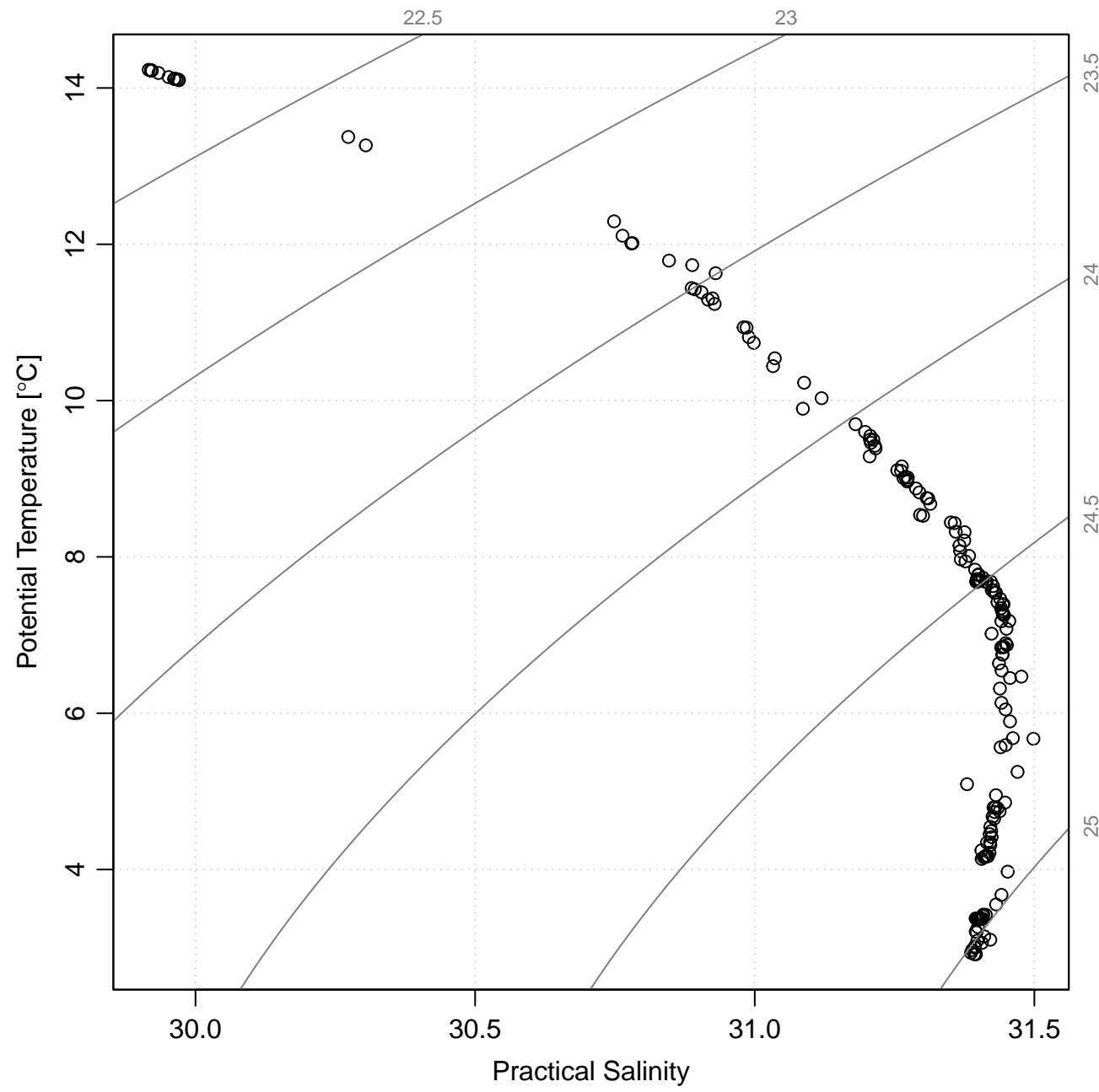


2003-08-30 23:14:24 to 2003-10-02 07:45:36

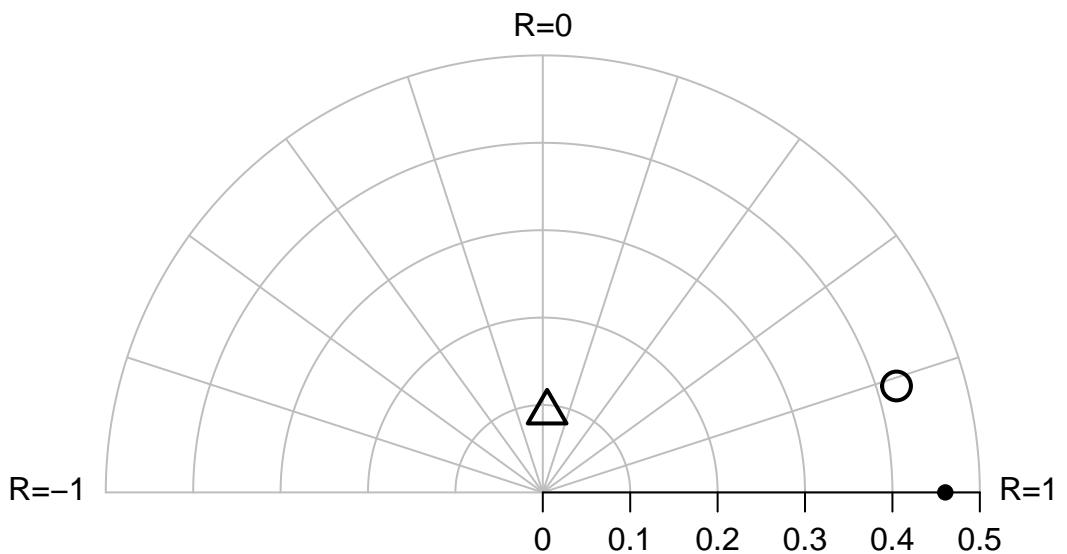


help("plotSticks")

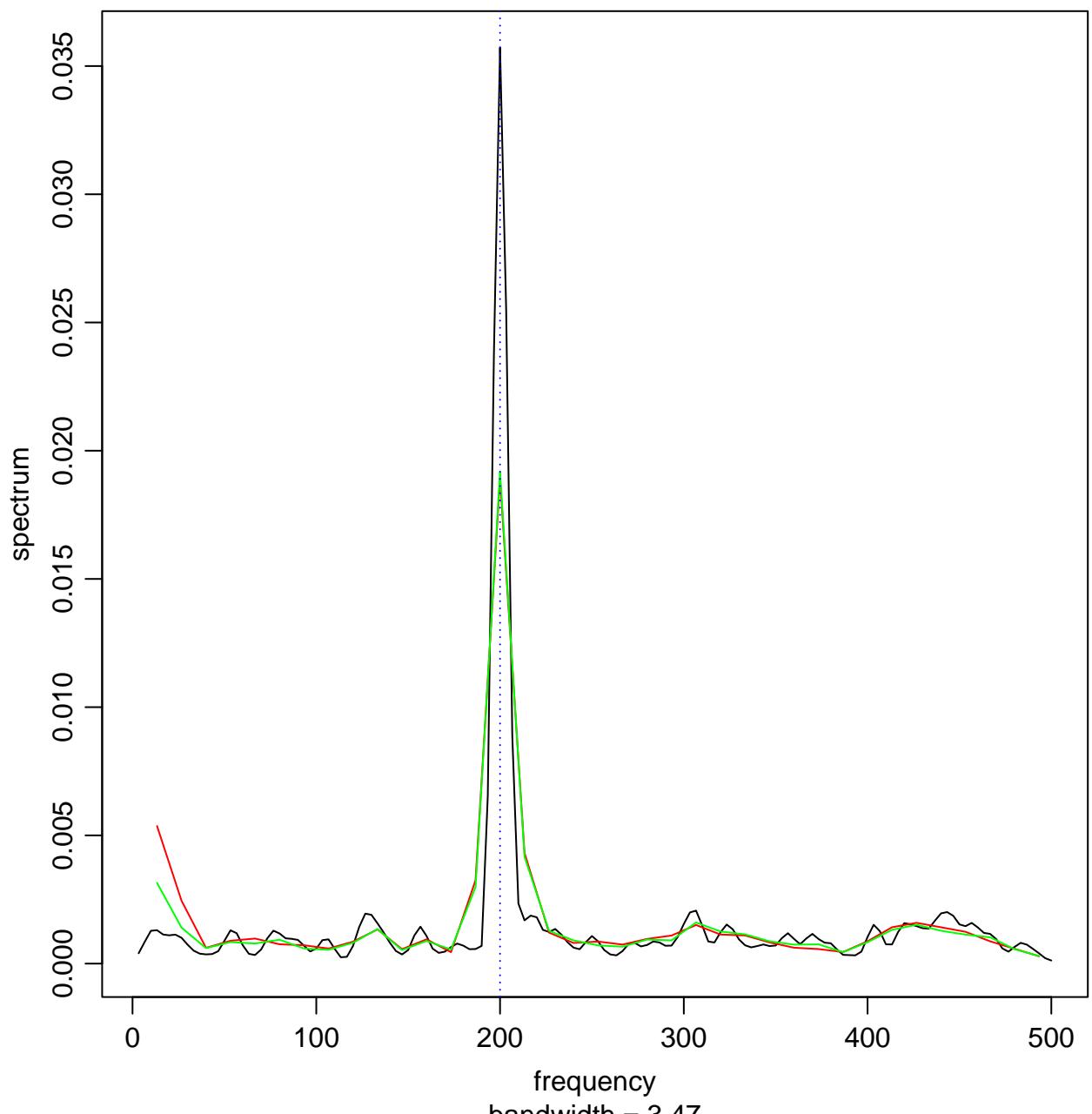
help("plotTS")



help("plotTaylor")

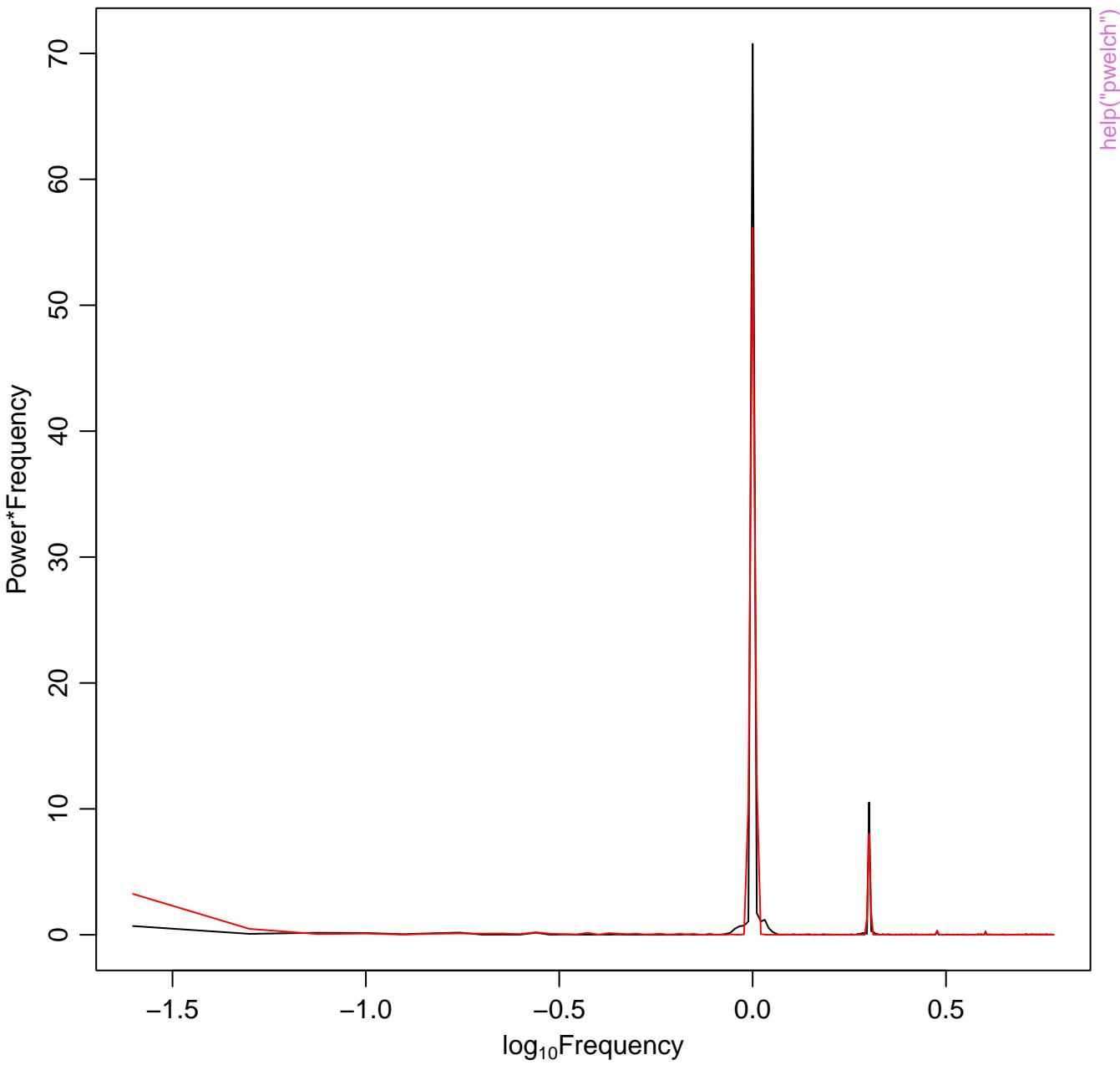


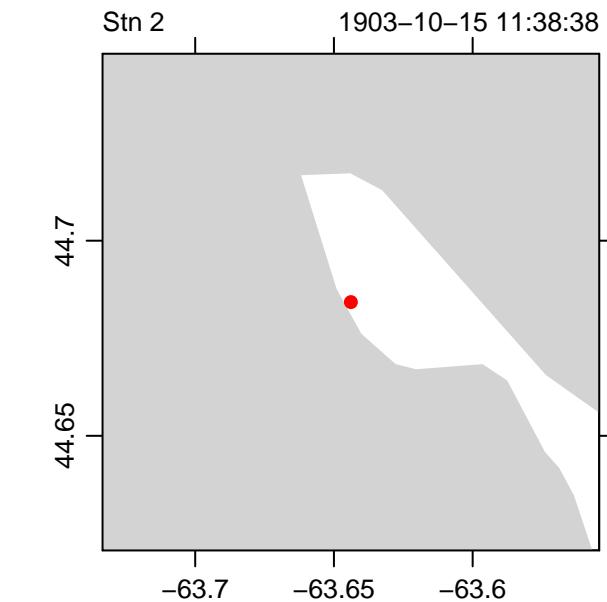
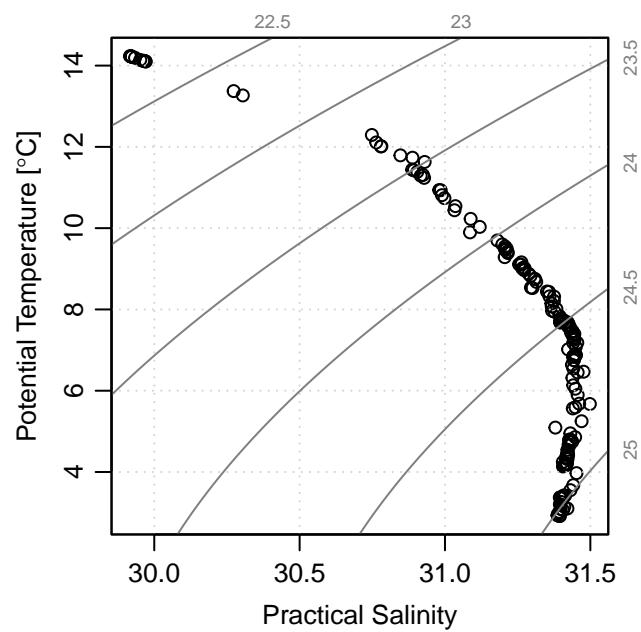
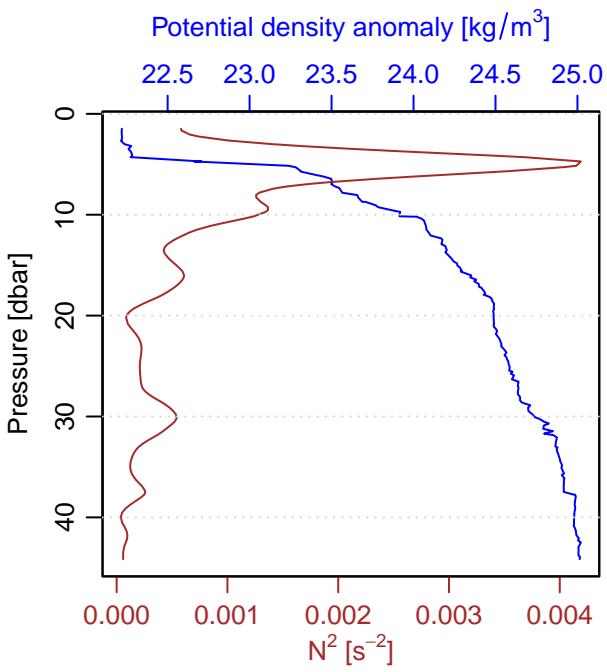
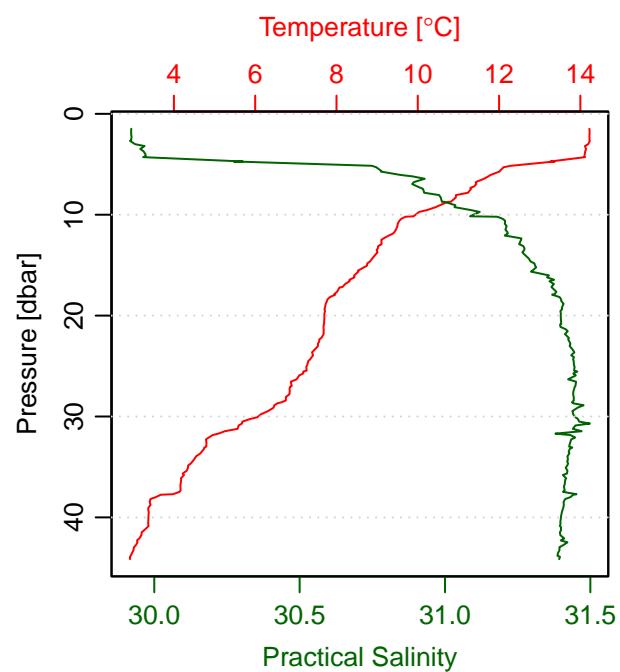
random + 200 Hz



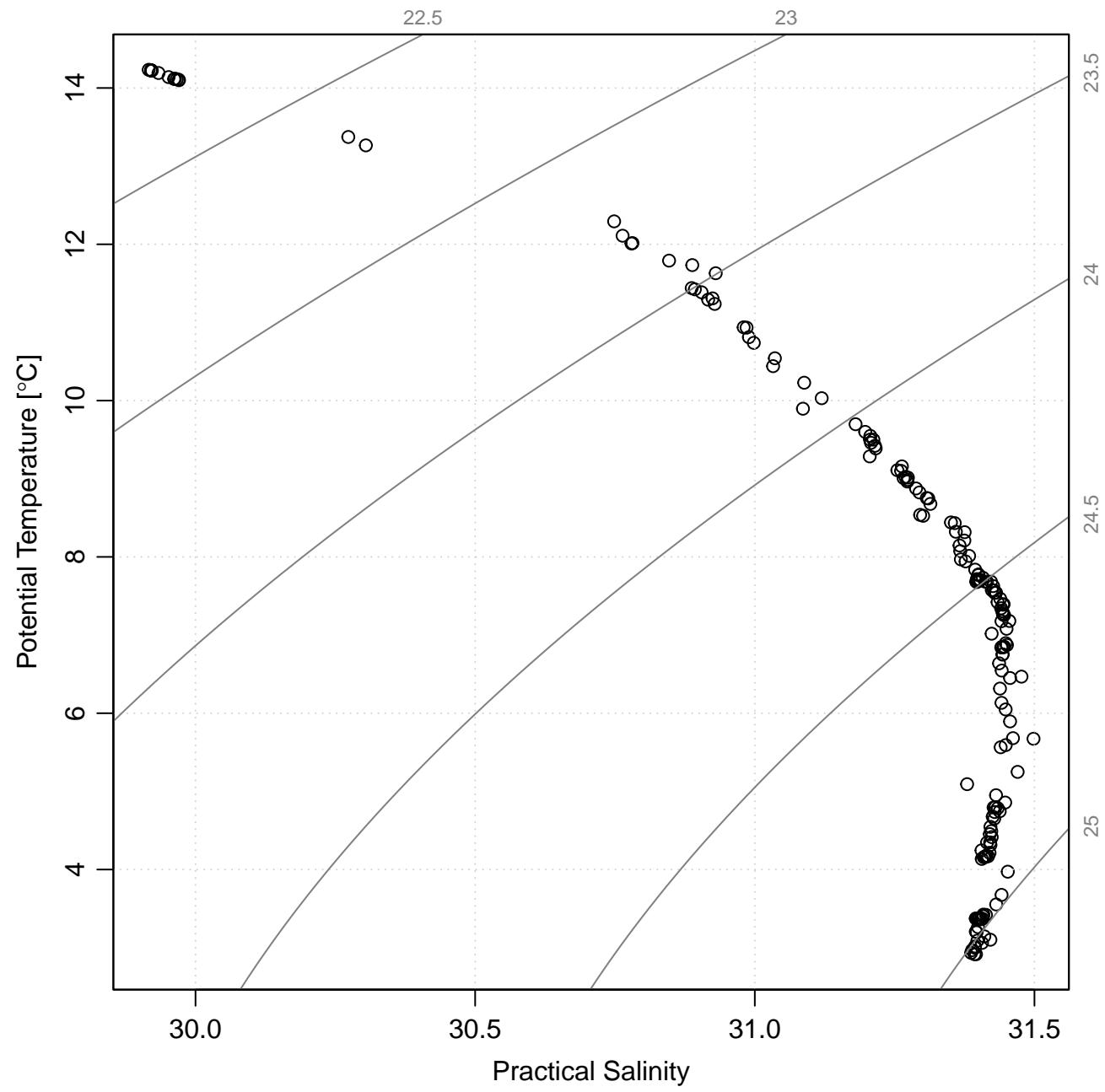
help("pwelch")

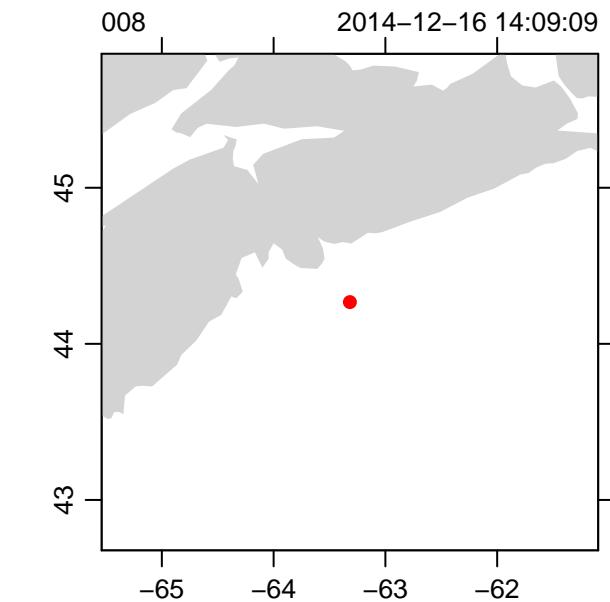
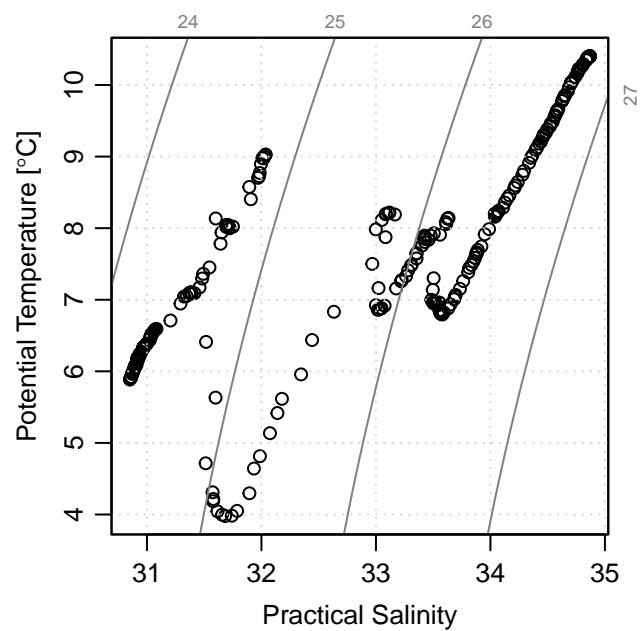
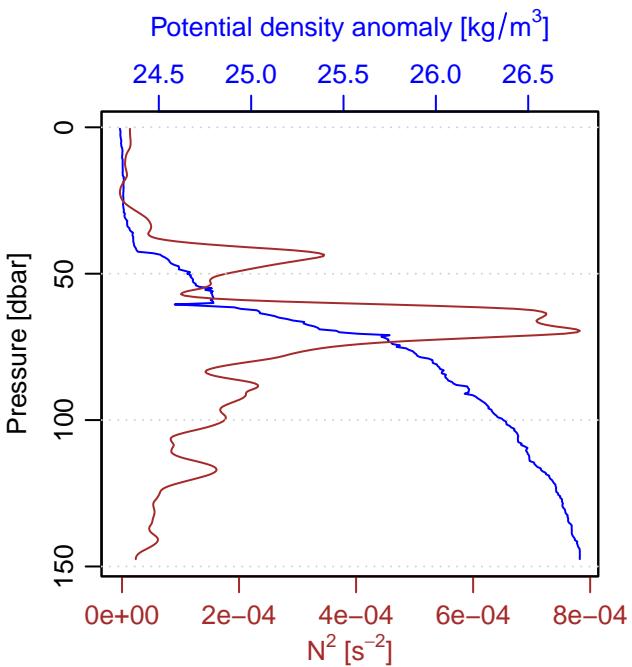
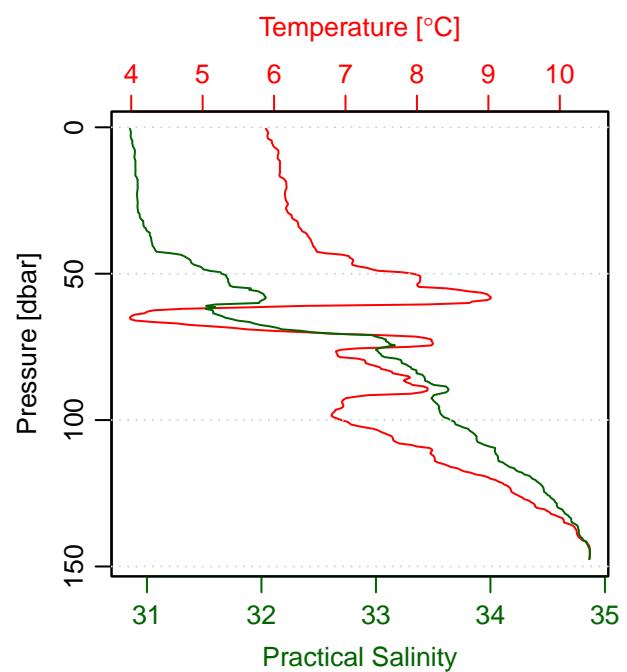
Variance-preserving spectrum





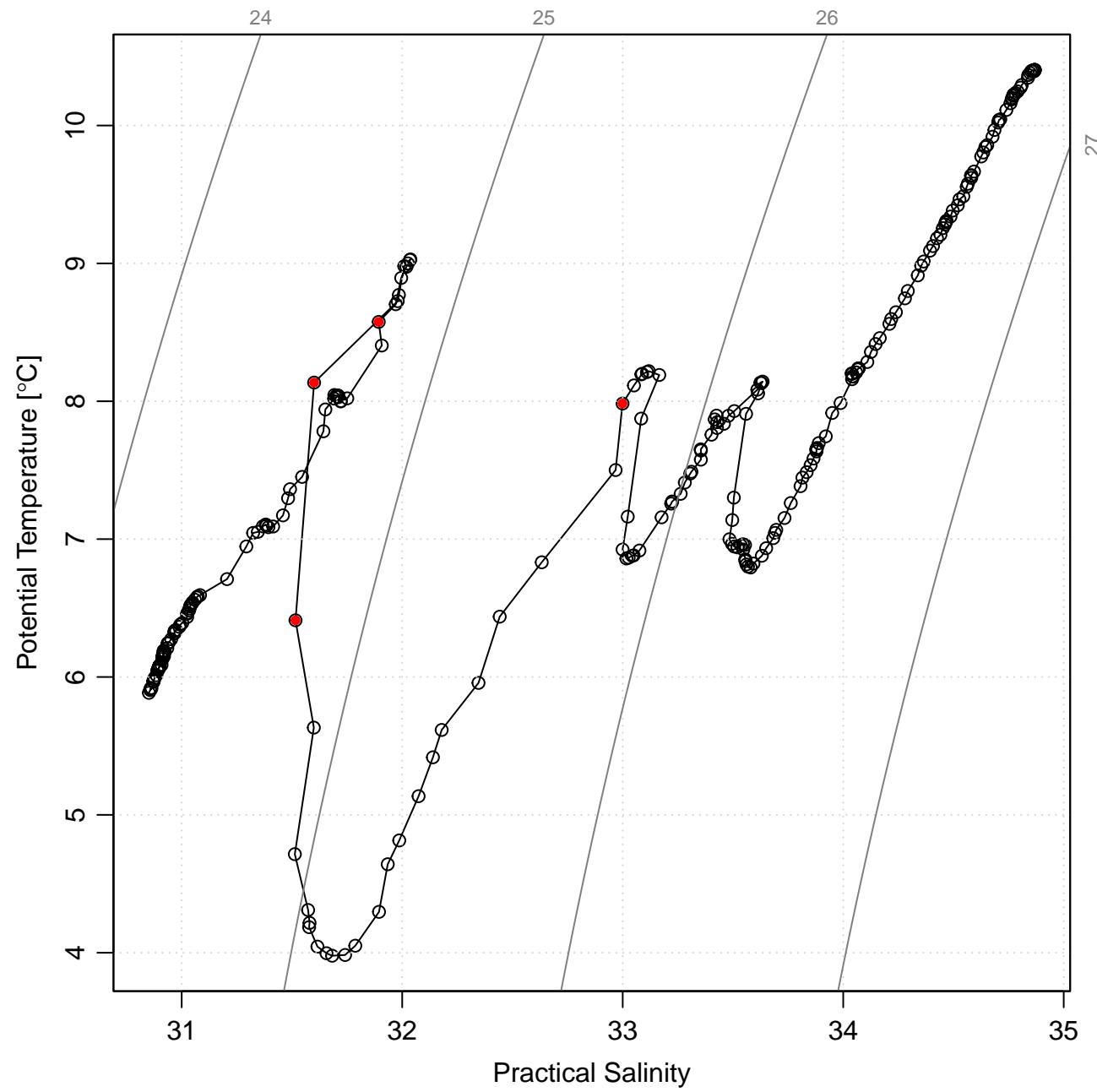
help("read.oce")





help("read.odf")

help("read.odf")



Temperature [°C]

20.900

20.902

20.904

20.906

20.908

20.910

z [m]

-5.5

-6.0

-6.5

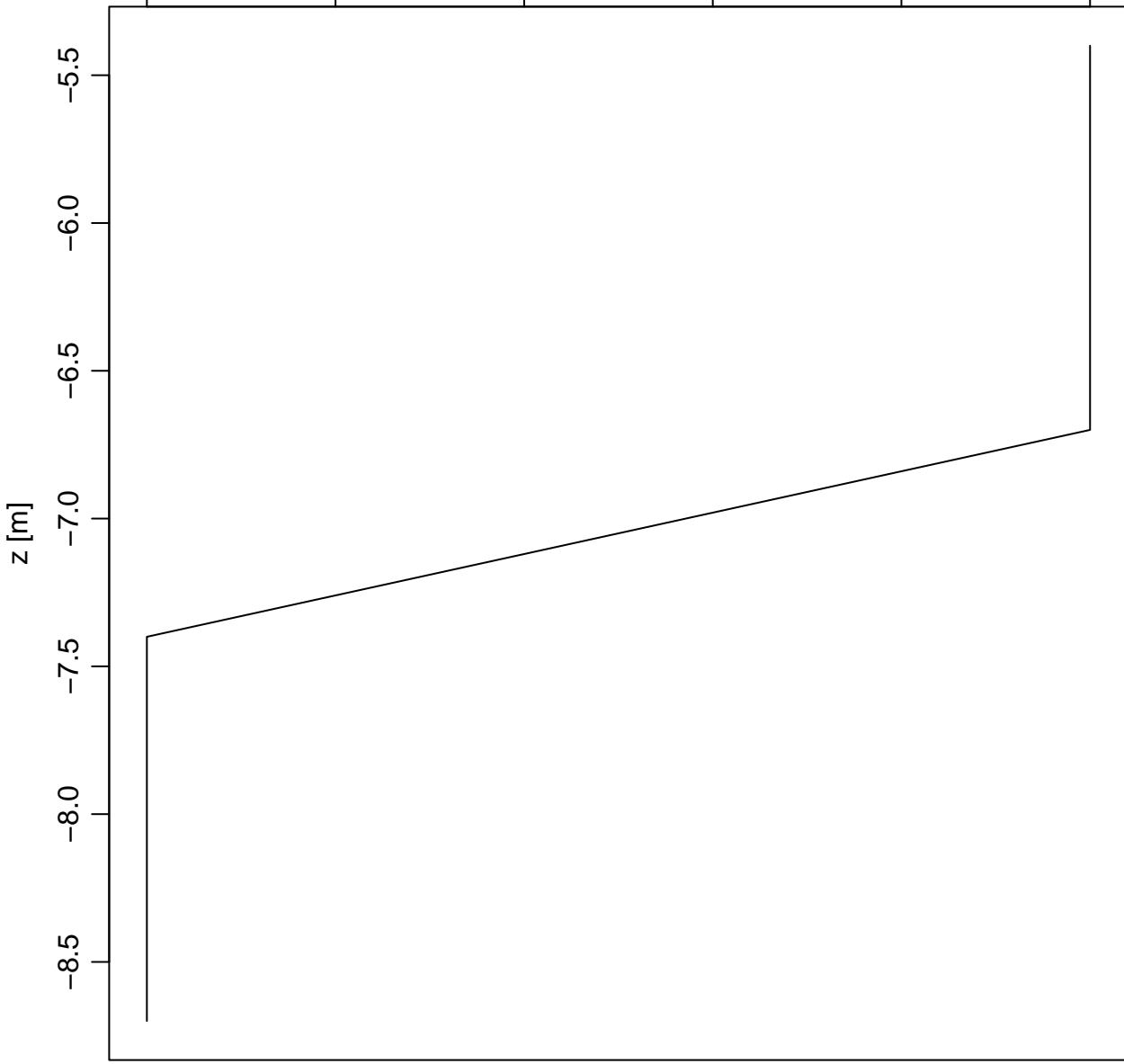
-7.0

-7.5

-8.0

-8.5

help("read.xbt")



Temperature [°C]

20.900

20.902

20.904

20.906

20.908

20.910

z [m]

-5.5

-6.0

-6.5

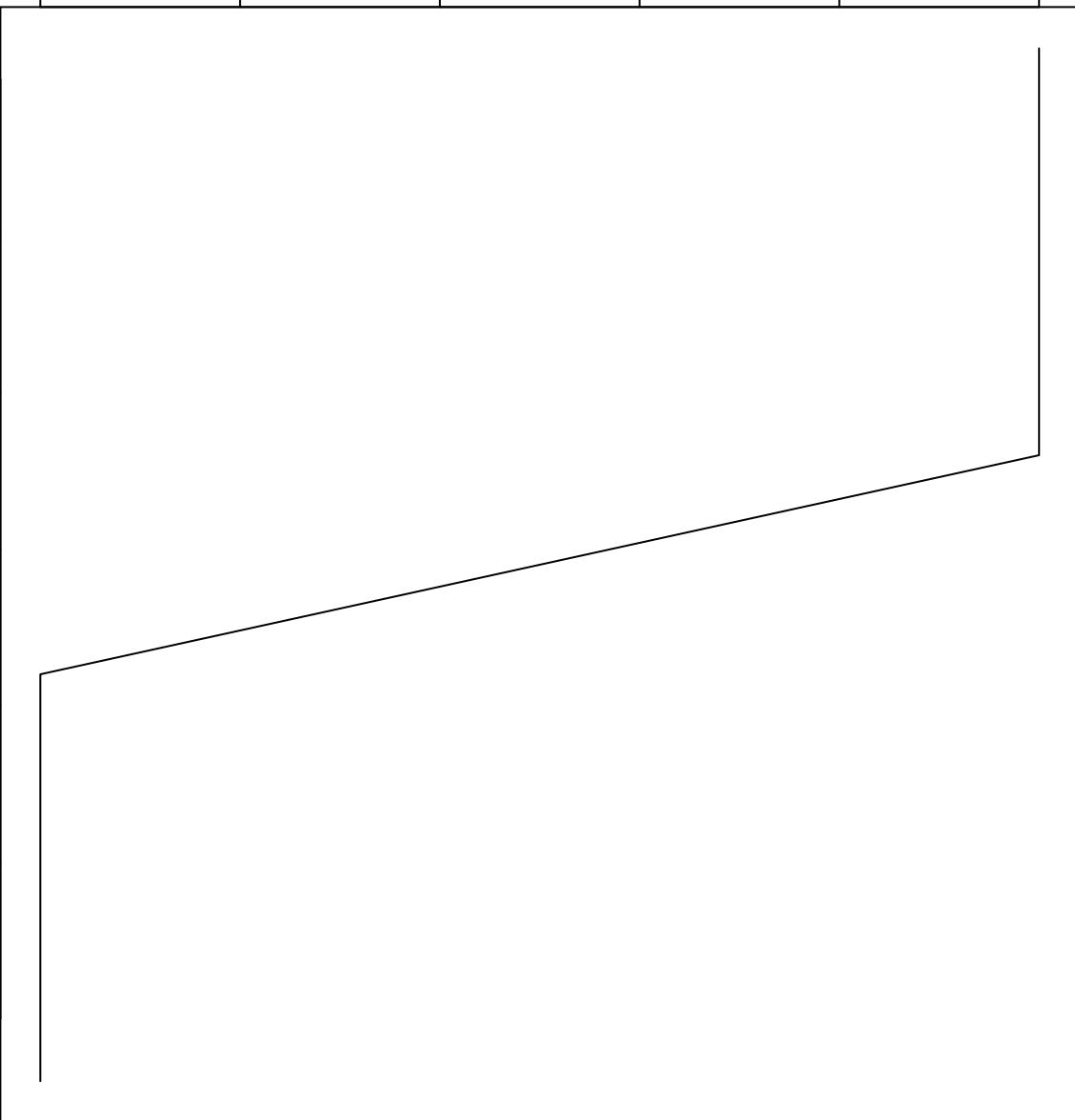
-7.0

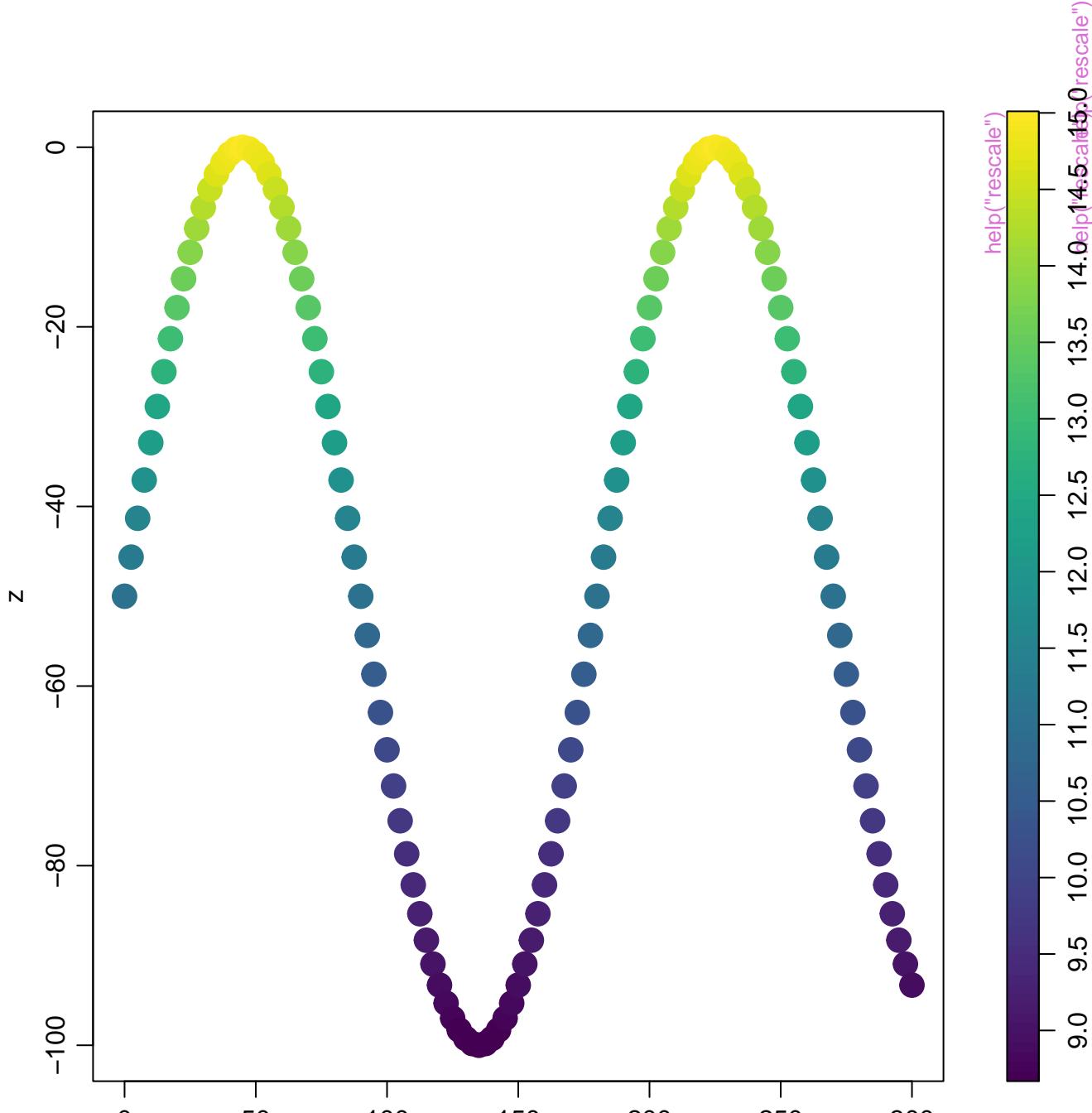
-7.5

-8.0

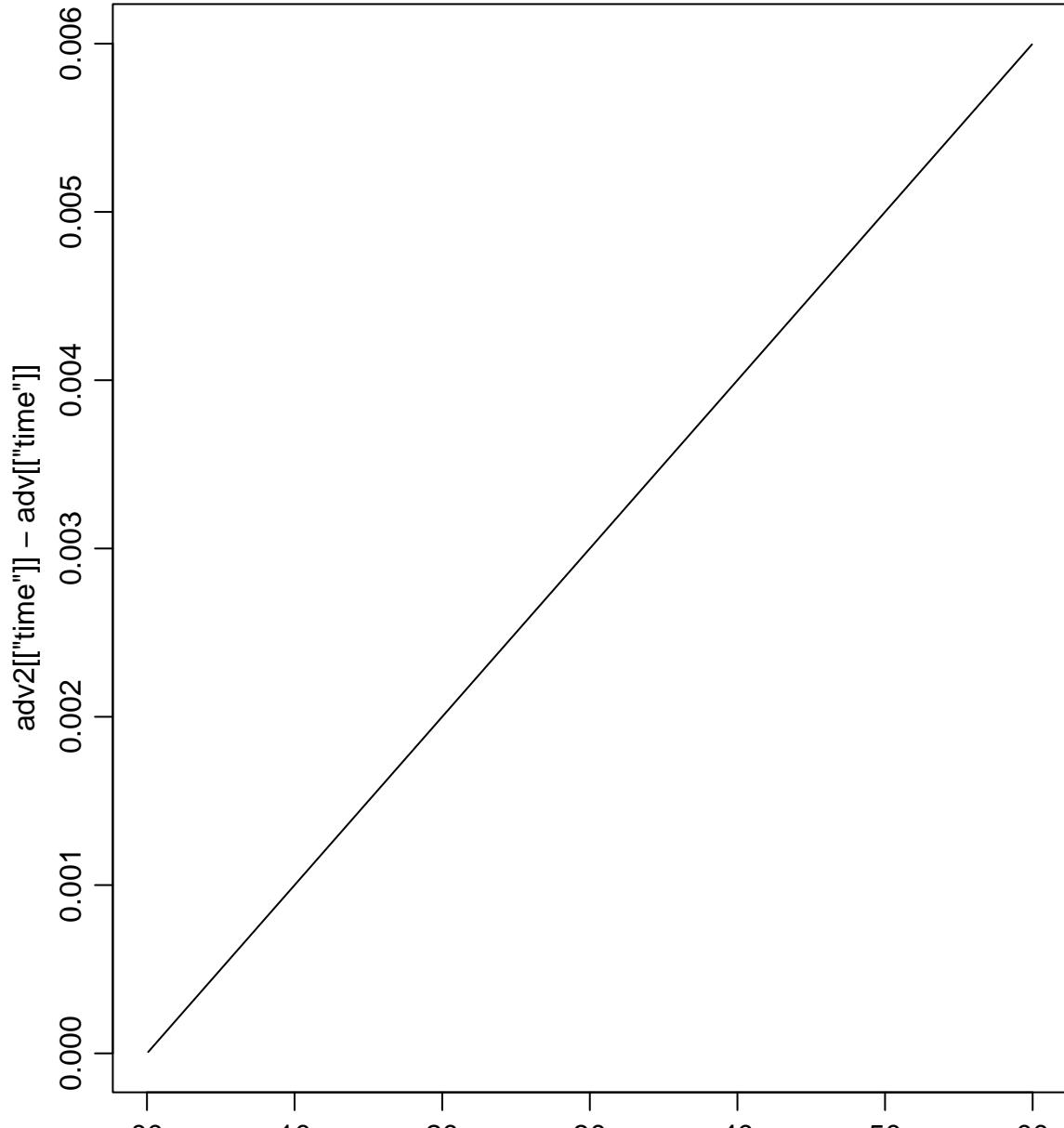
-8.5

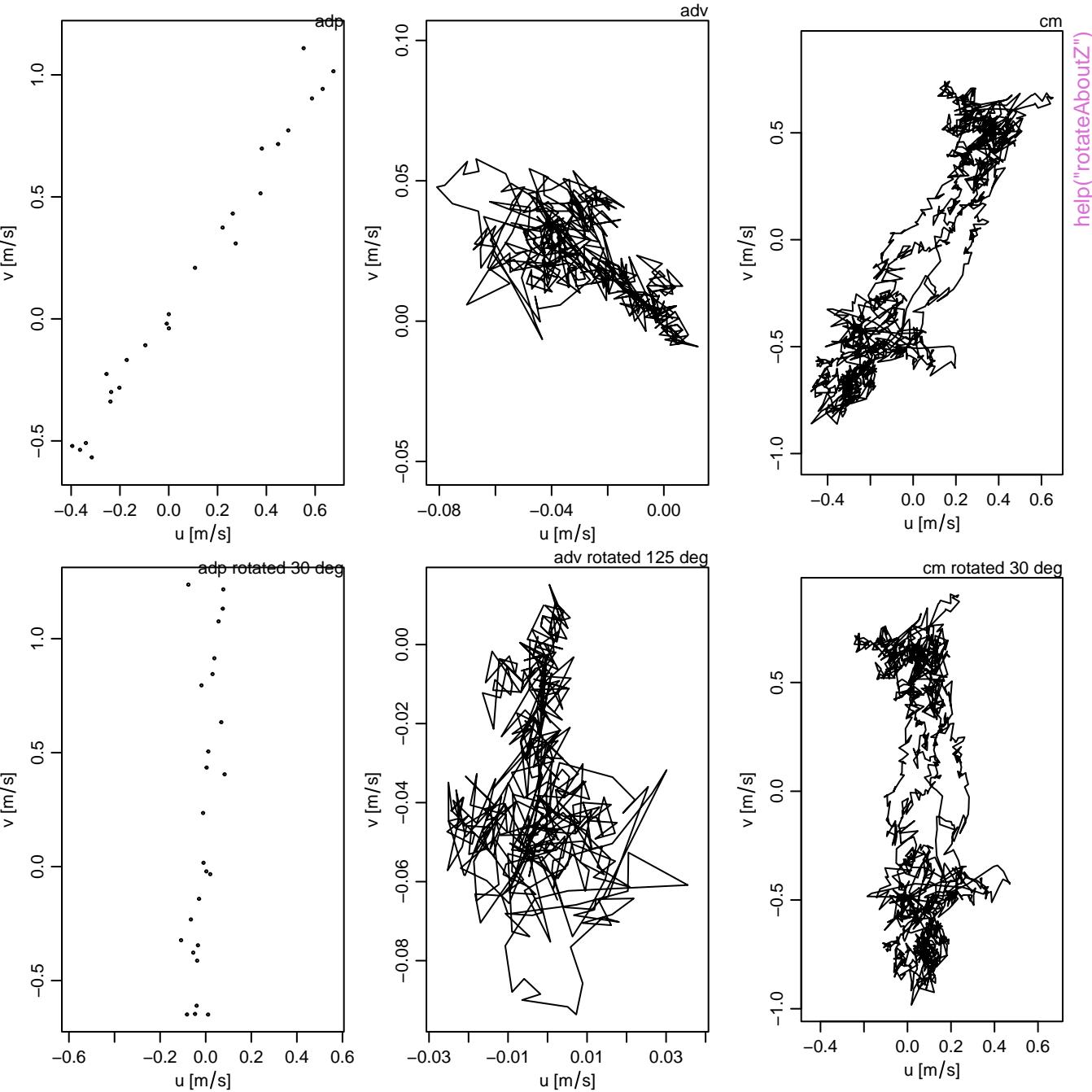
help("read.xbt.edf")

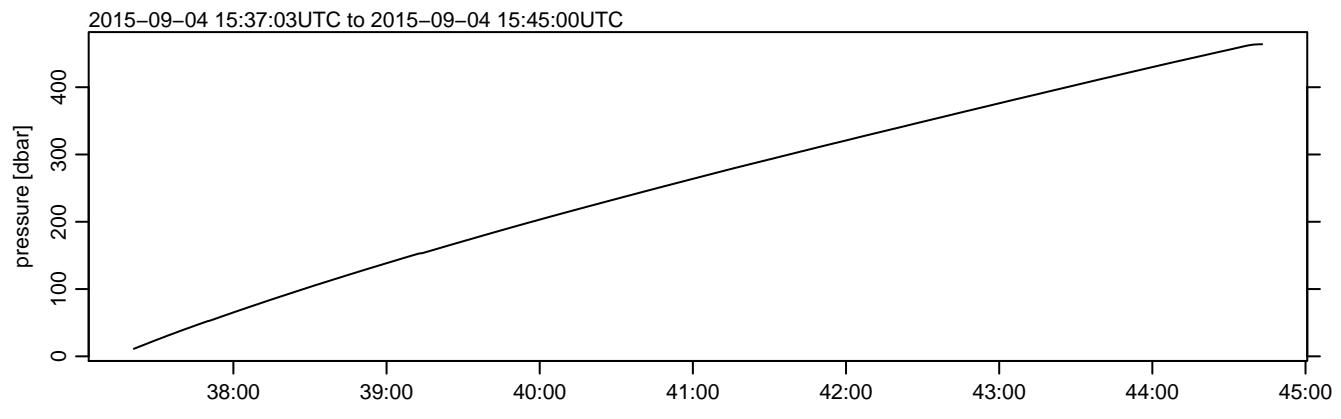
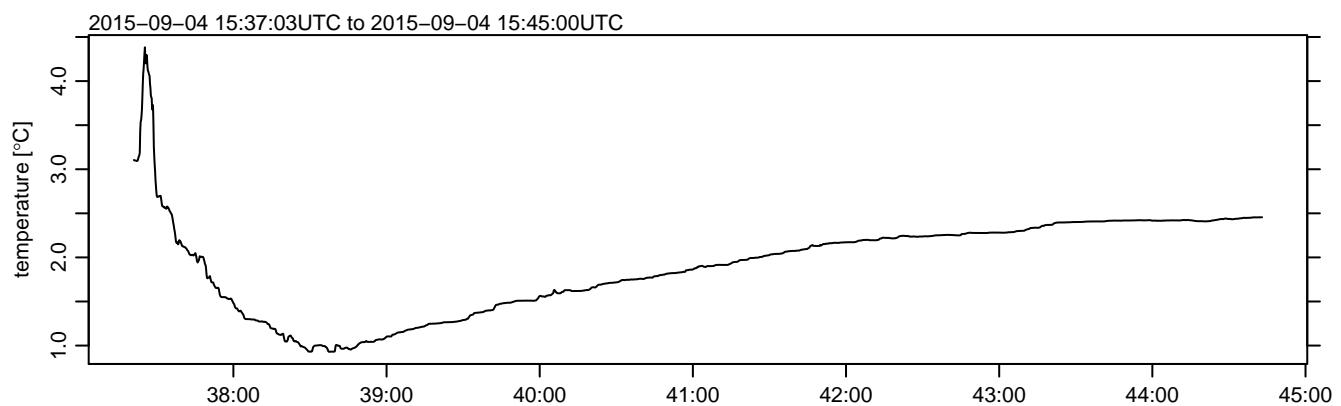
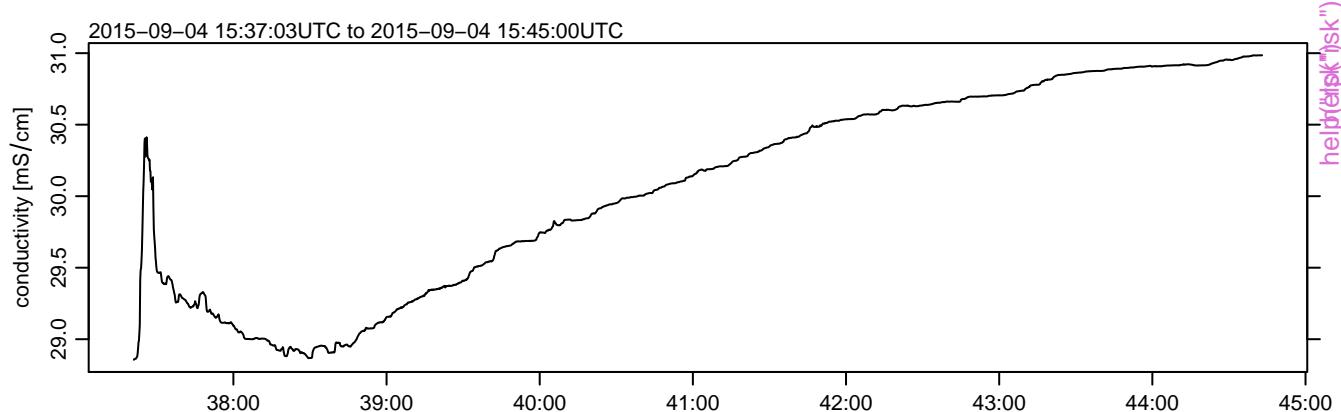


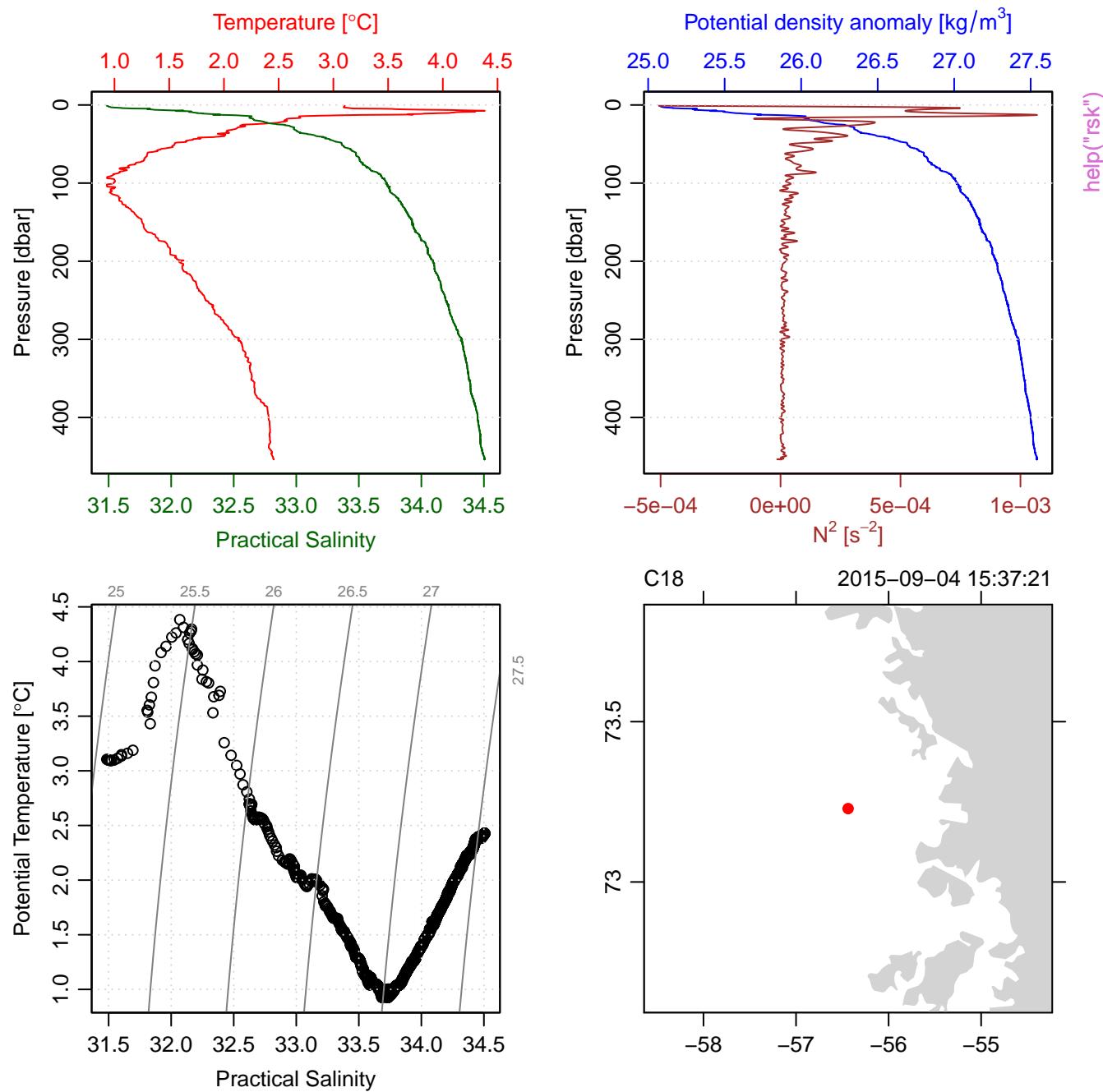


help("retime")

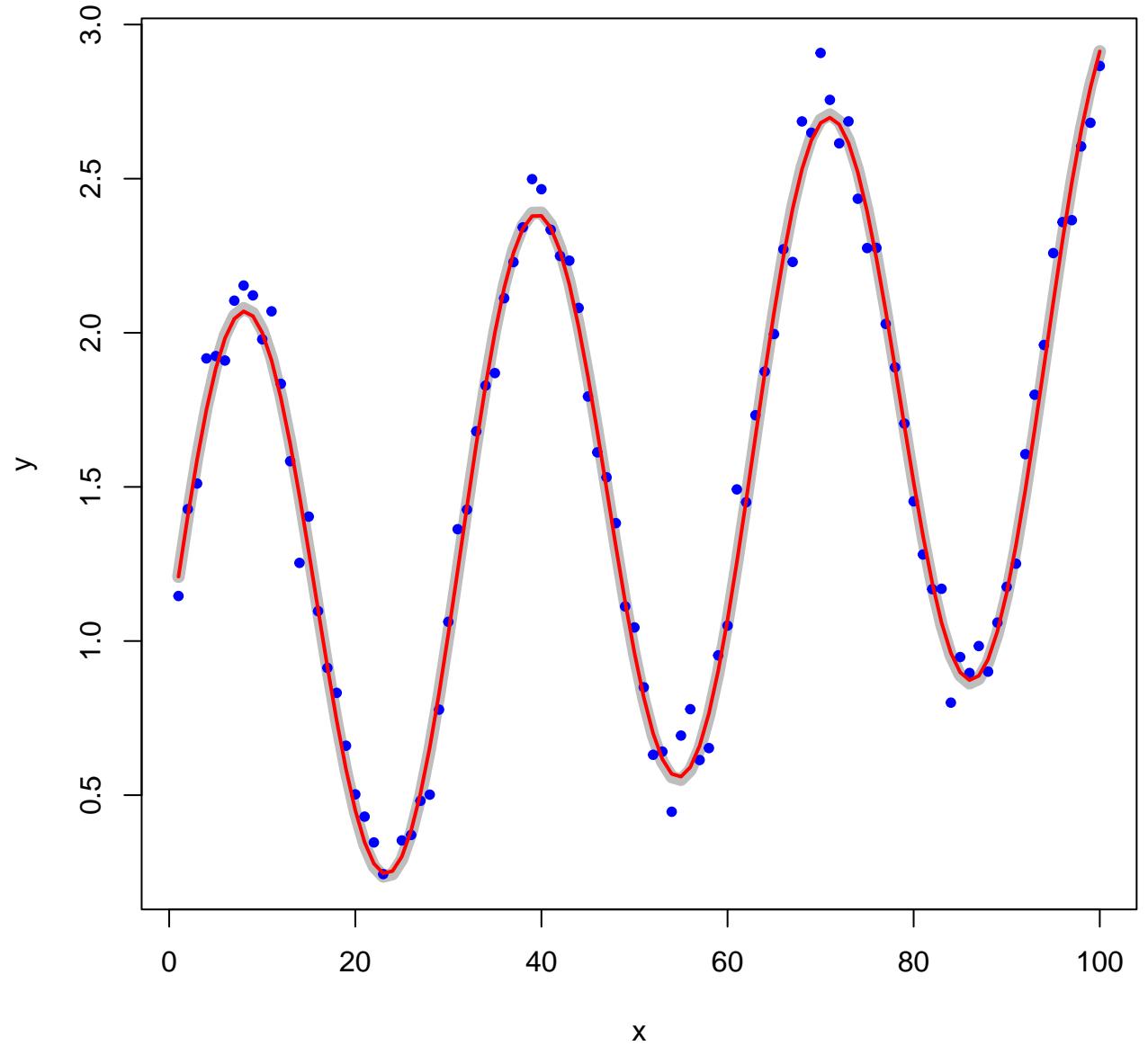


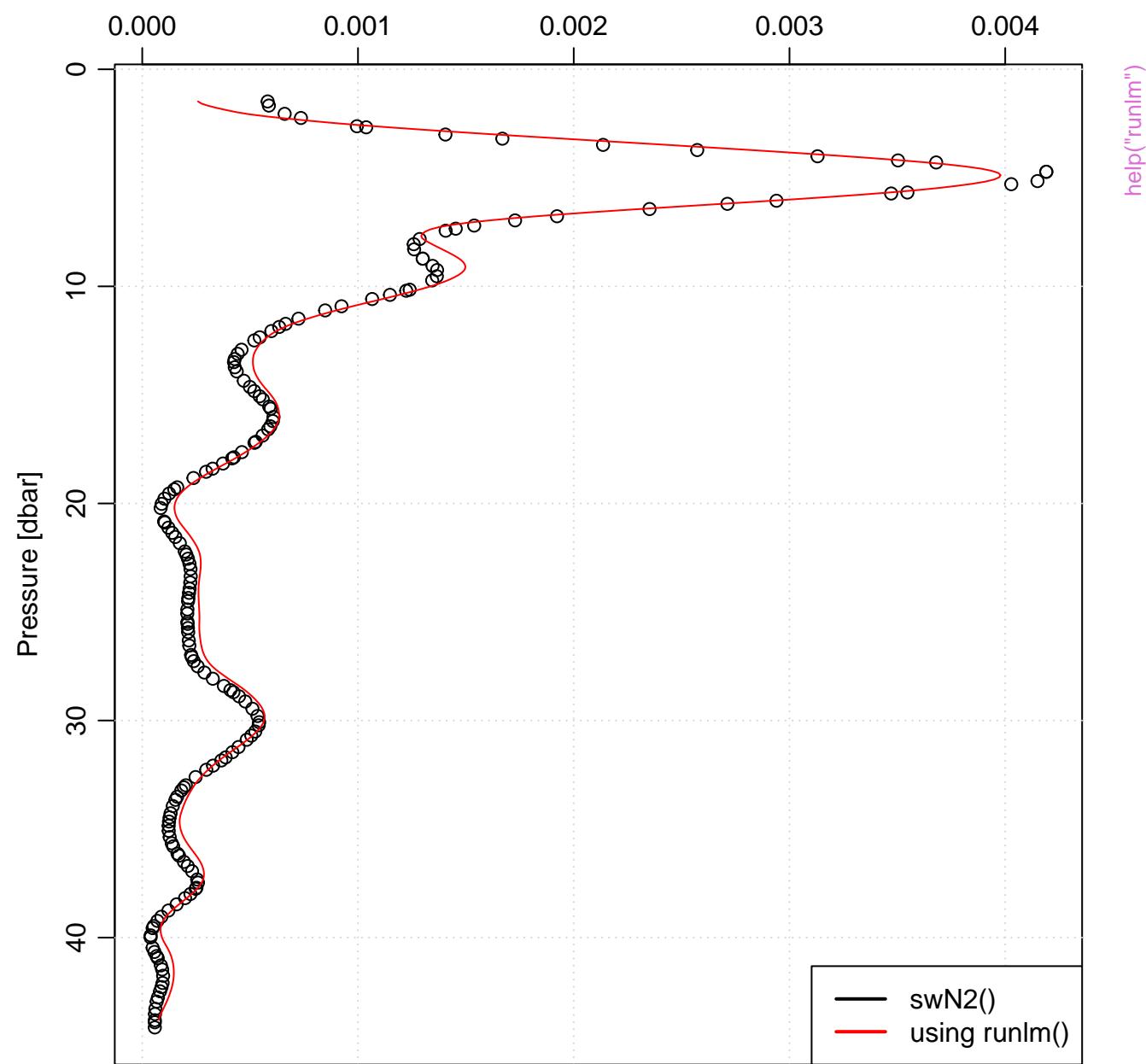


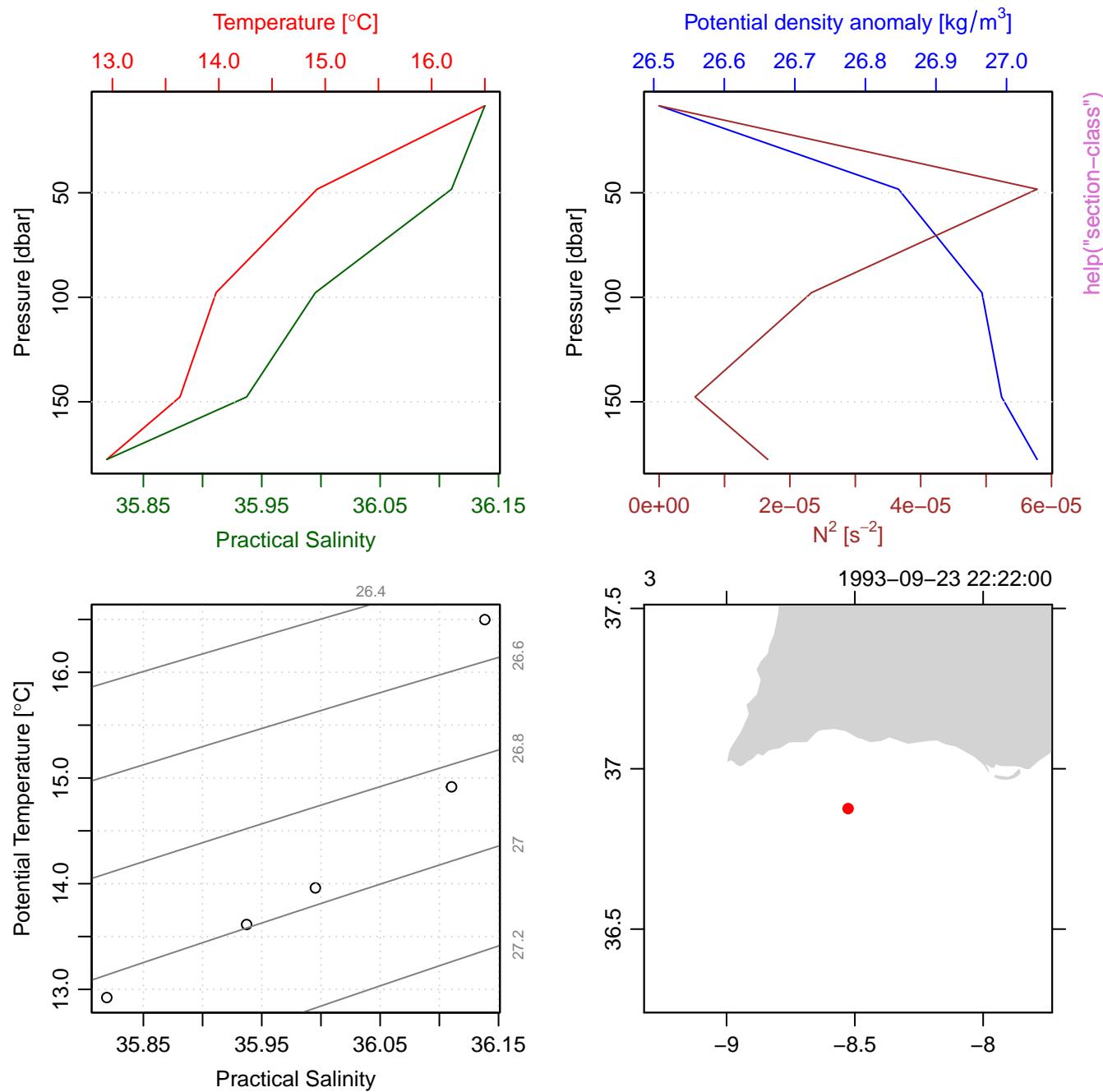


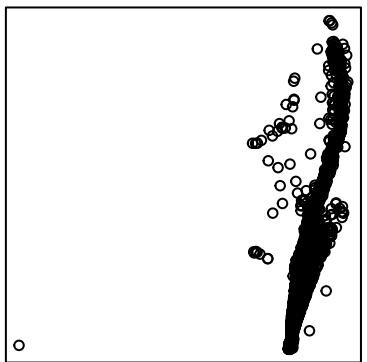
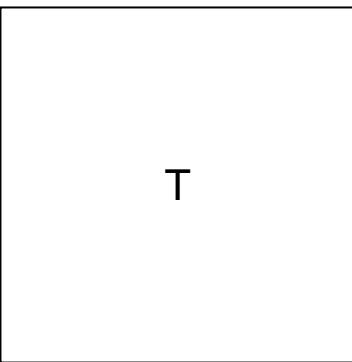
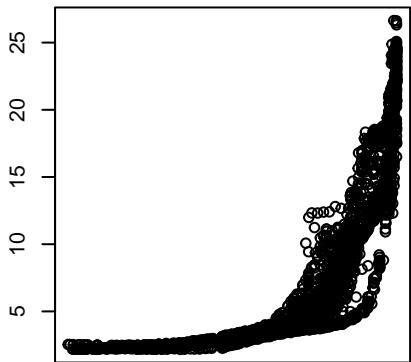
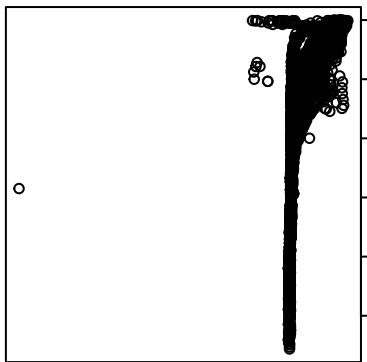
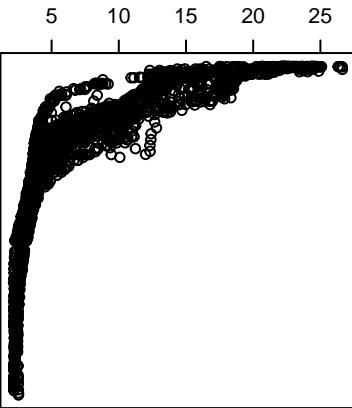
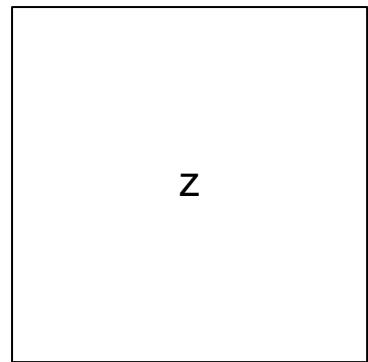


help("runlm")

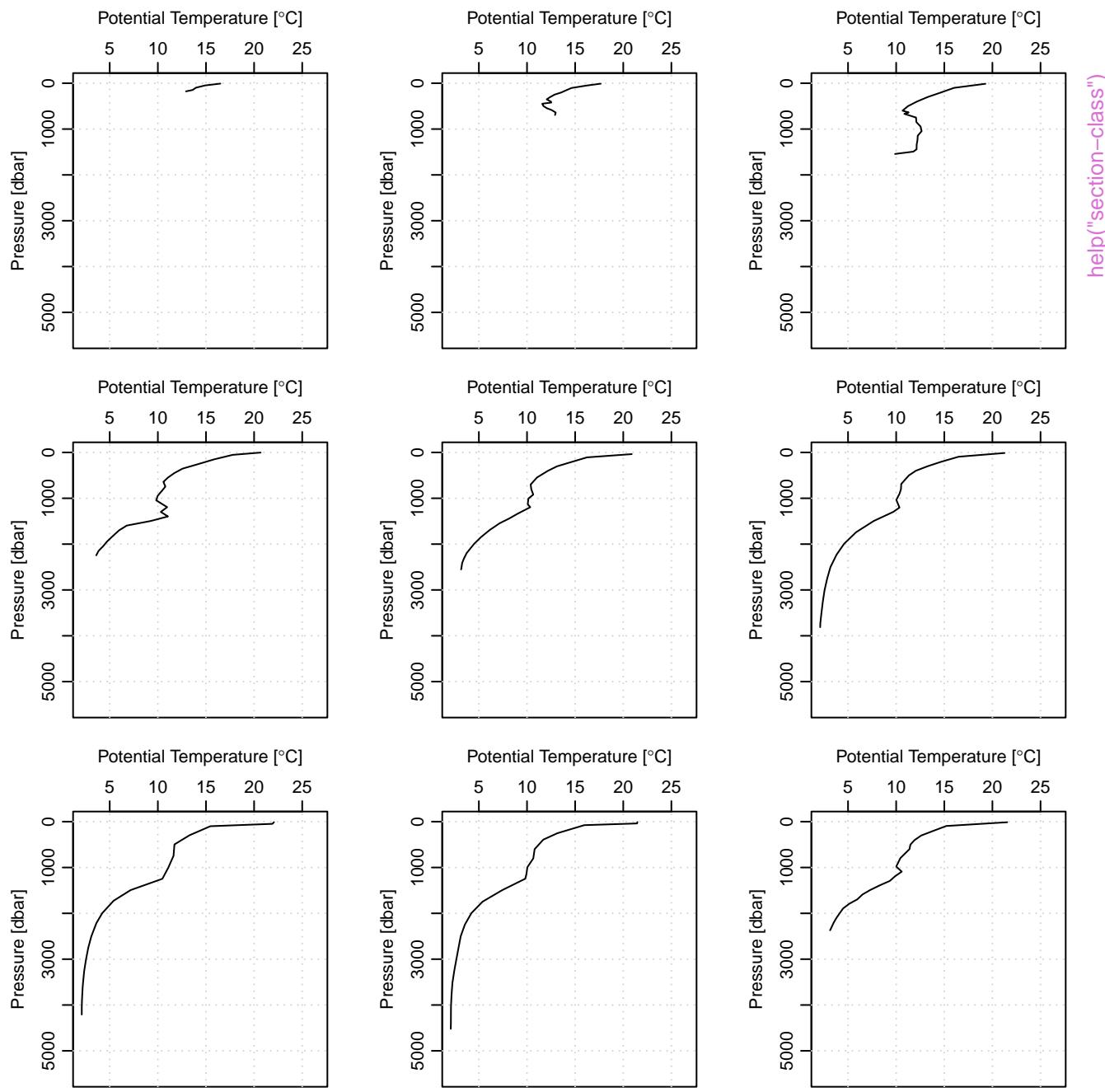


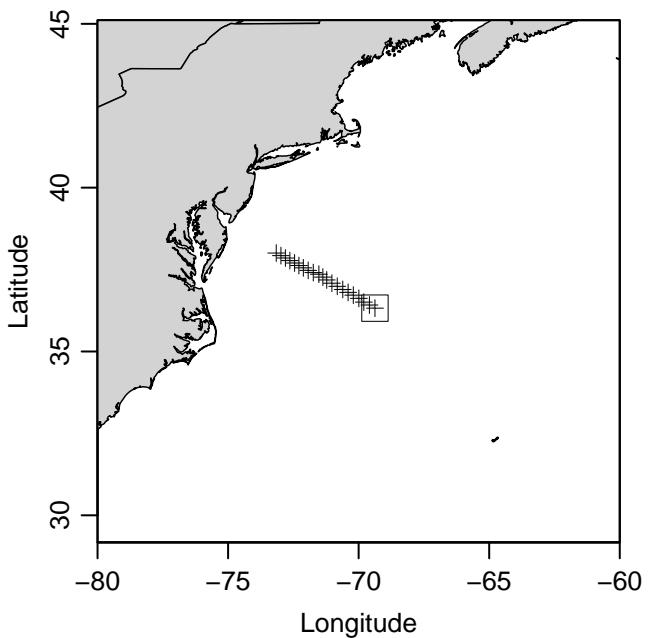
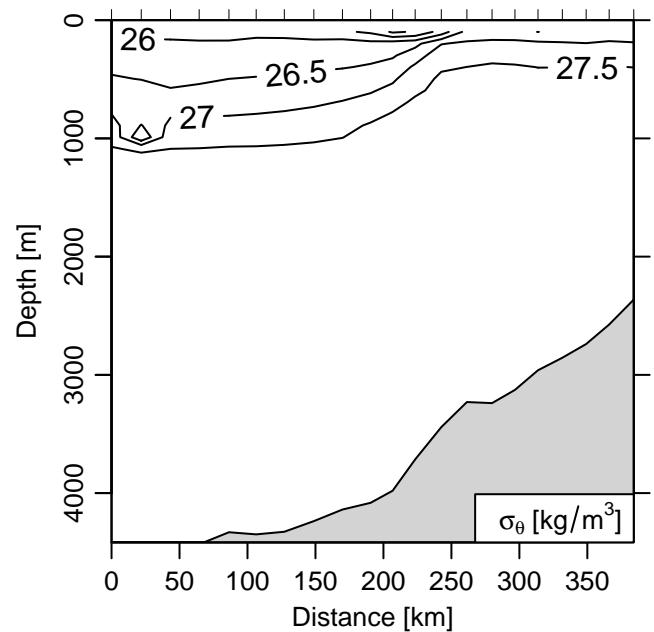
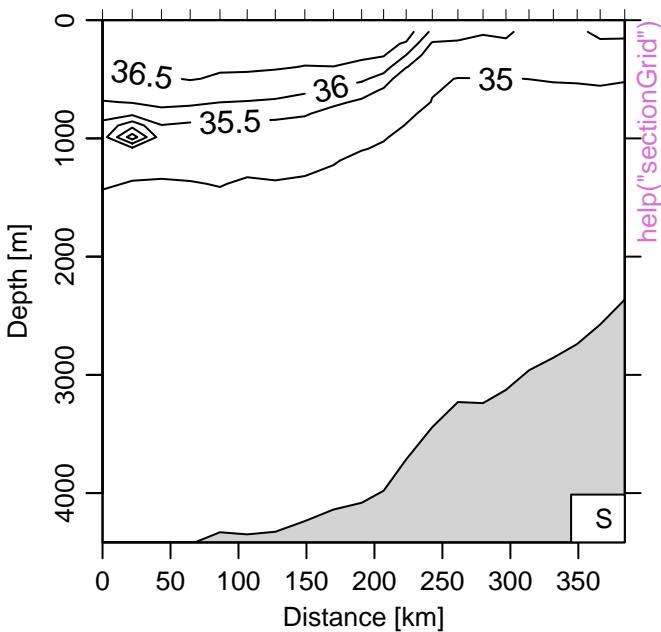
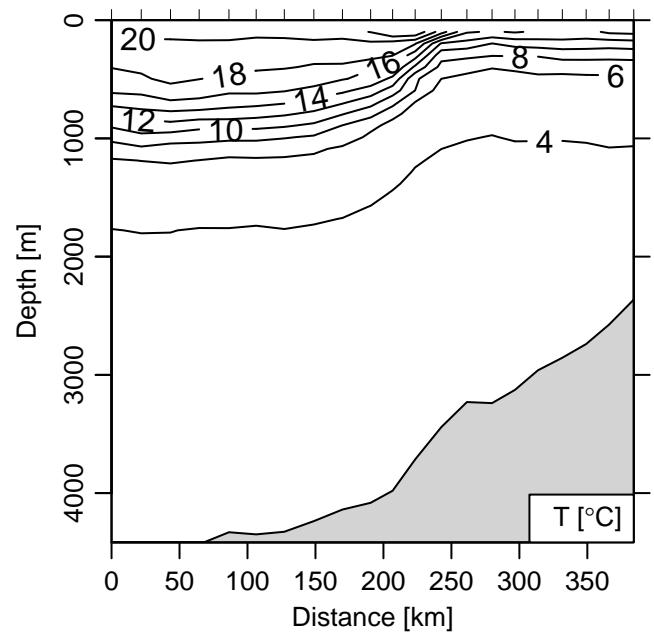
$N^2 [s^{-2}]$ 





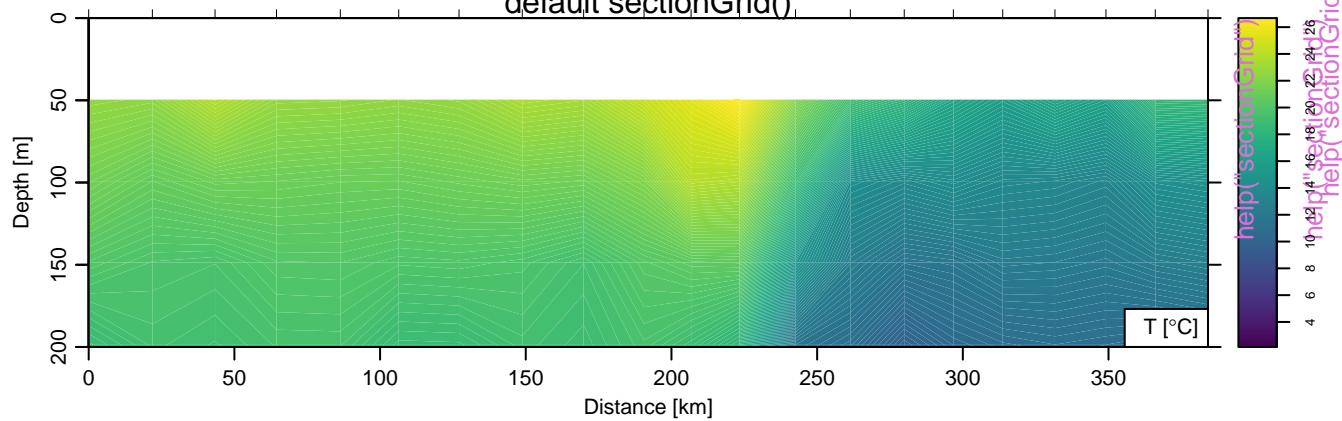
help("section-class")



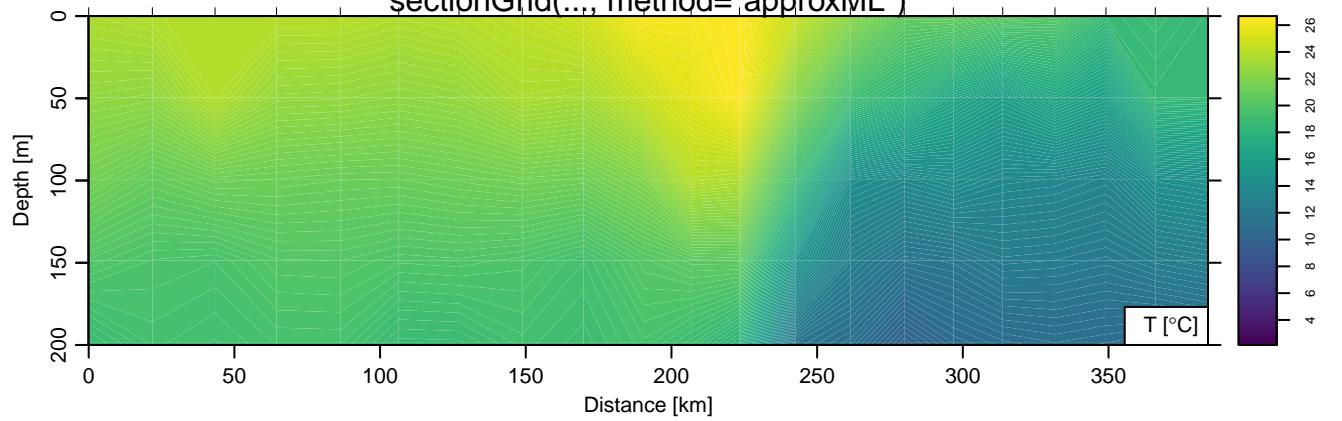


help("sectionGrid")

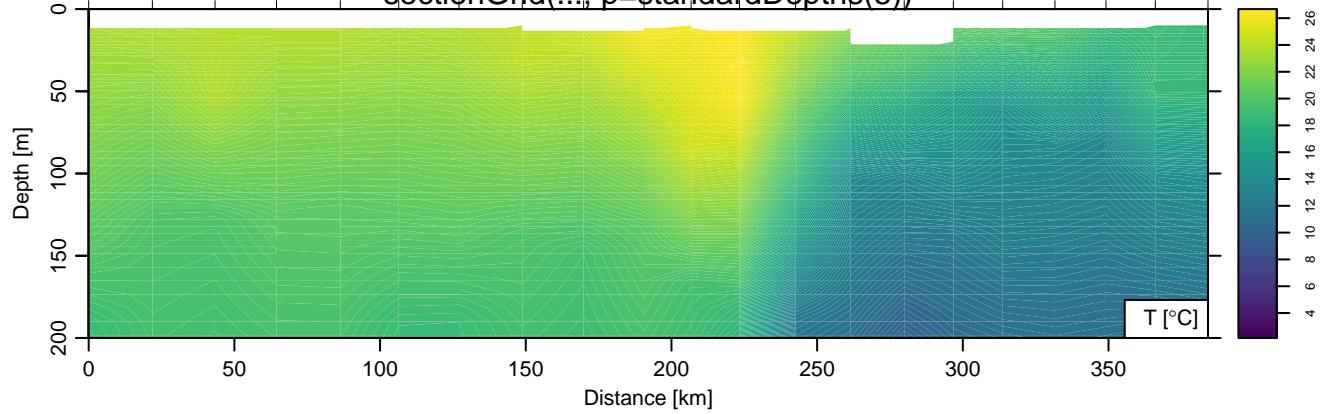
default sectionGrid()

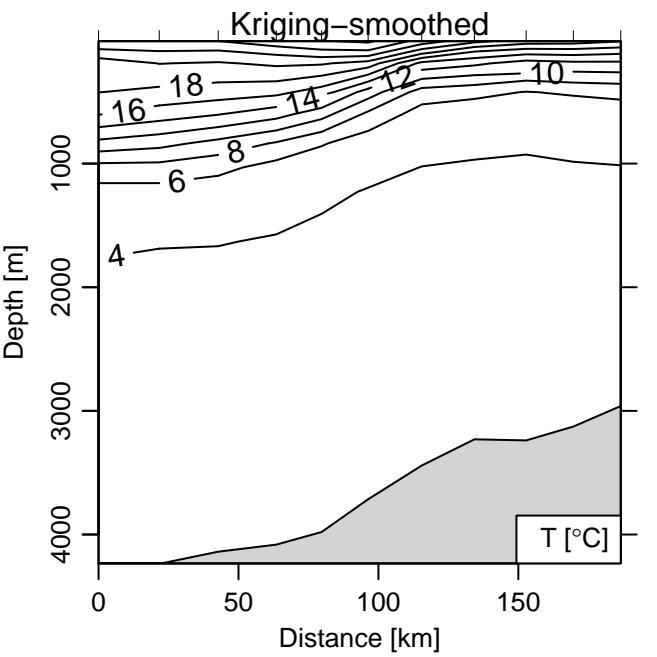
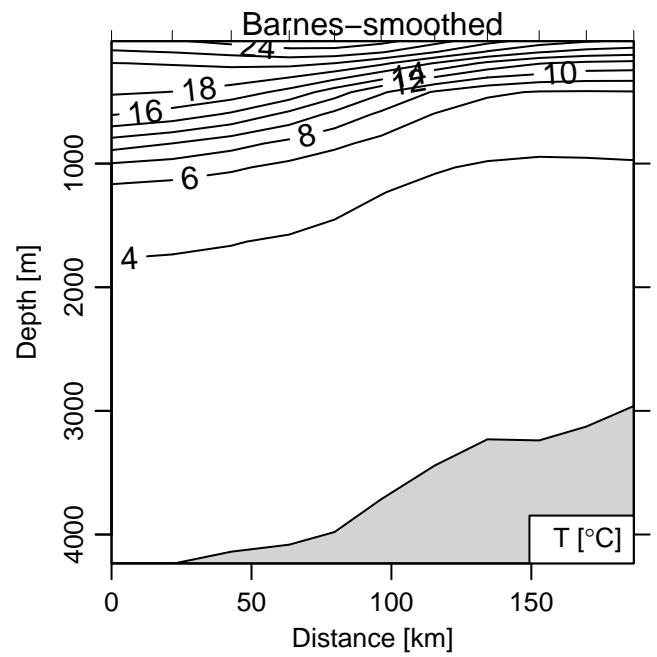
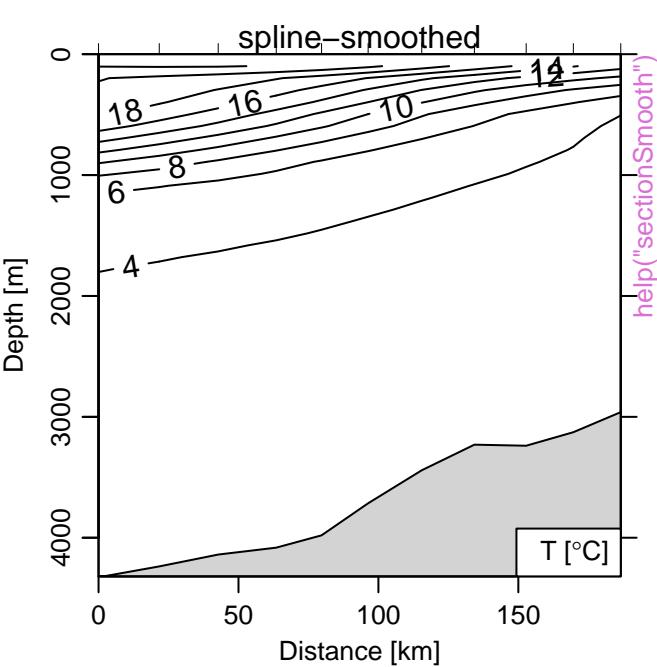
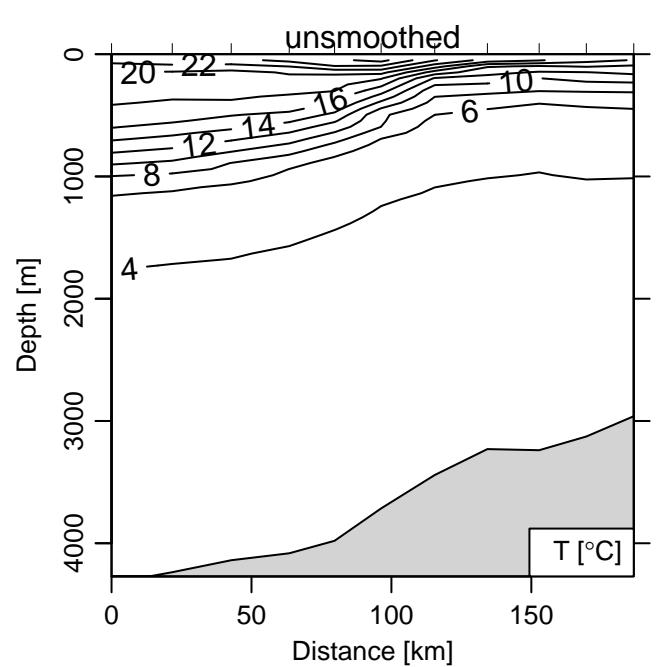


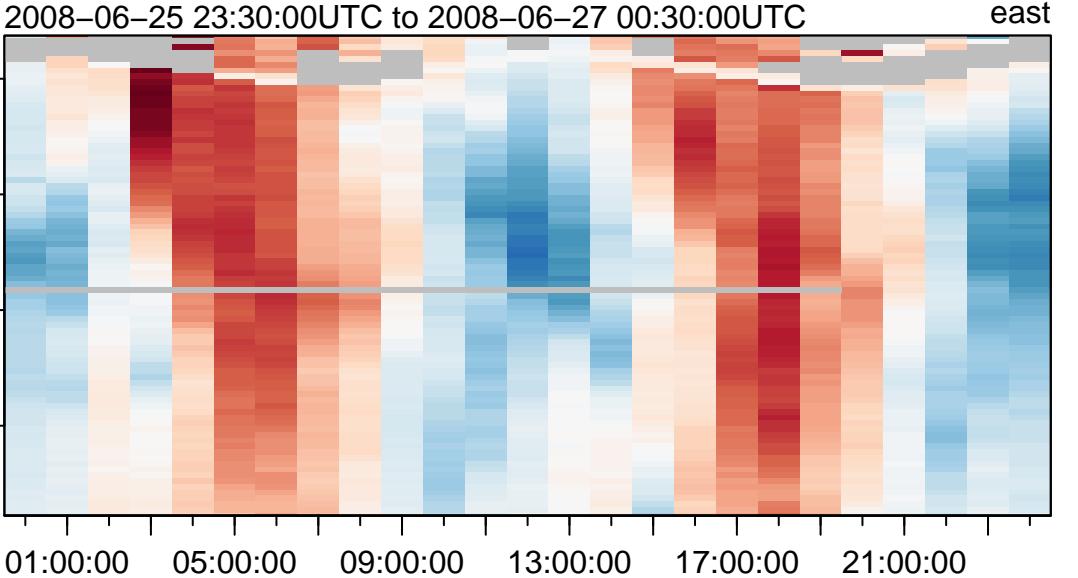
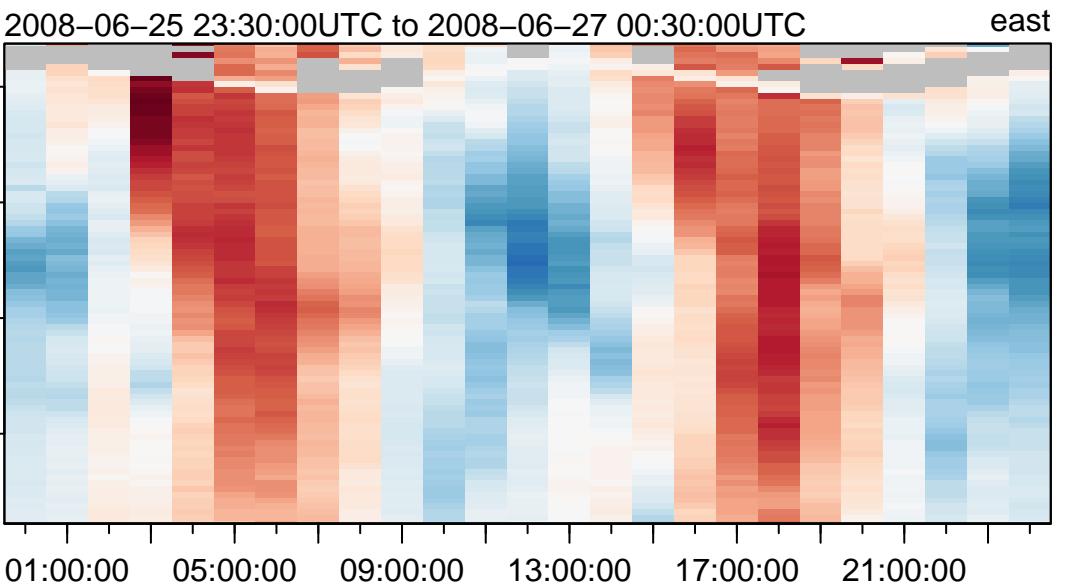
sectionGrid(..., method="approxML")



sectionGrid(..., p=standardDepths(5))

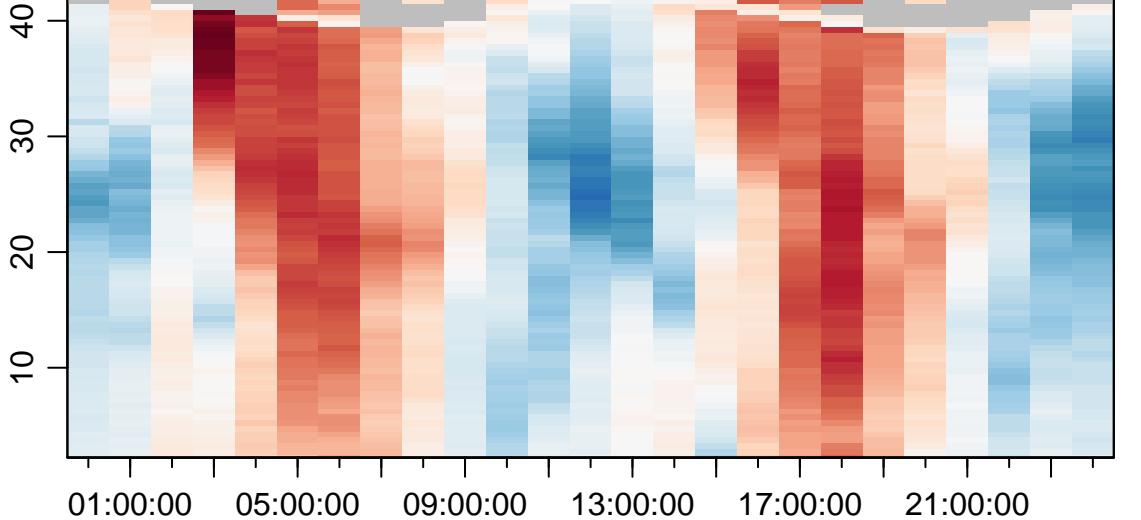






2008-06-25 23:30:00UTC to 2008-06-27 00:30:00UTC east

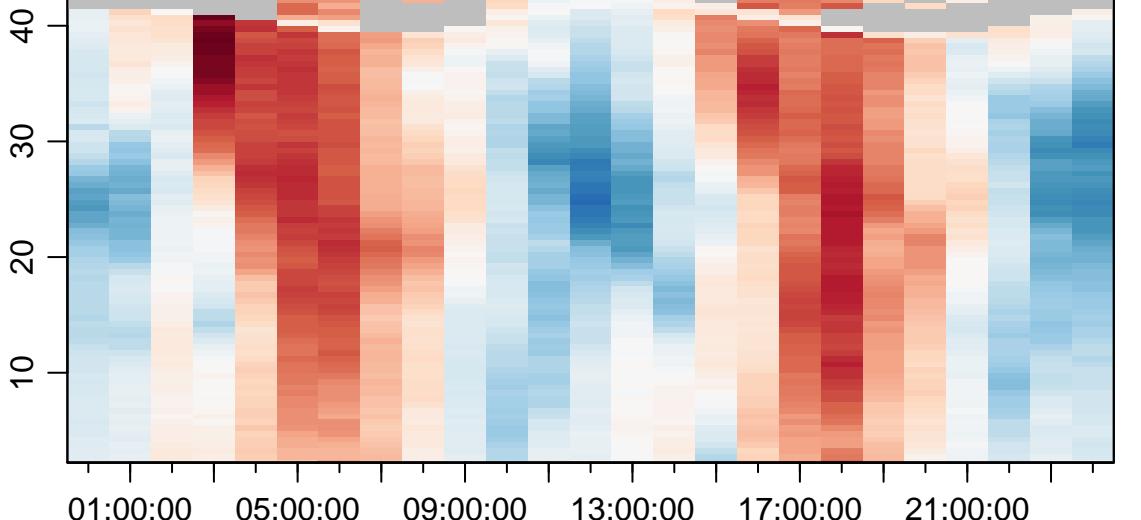
Distance [m]



help("setFlags--adp--method")
-1.0 -0.6 -0.2 0.2 0.6 1.0
-0.2 0.2 0.6 1.0
0.2 0.6 1.0
0.6 1.0
1.0

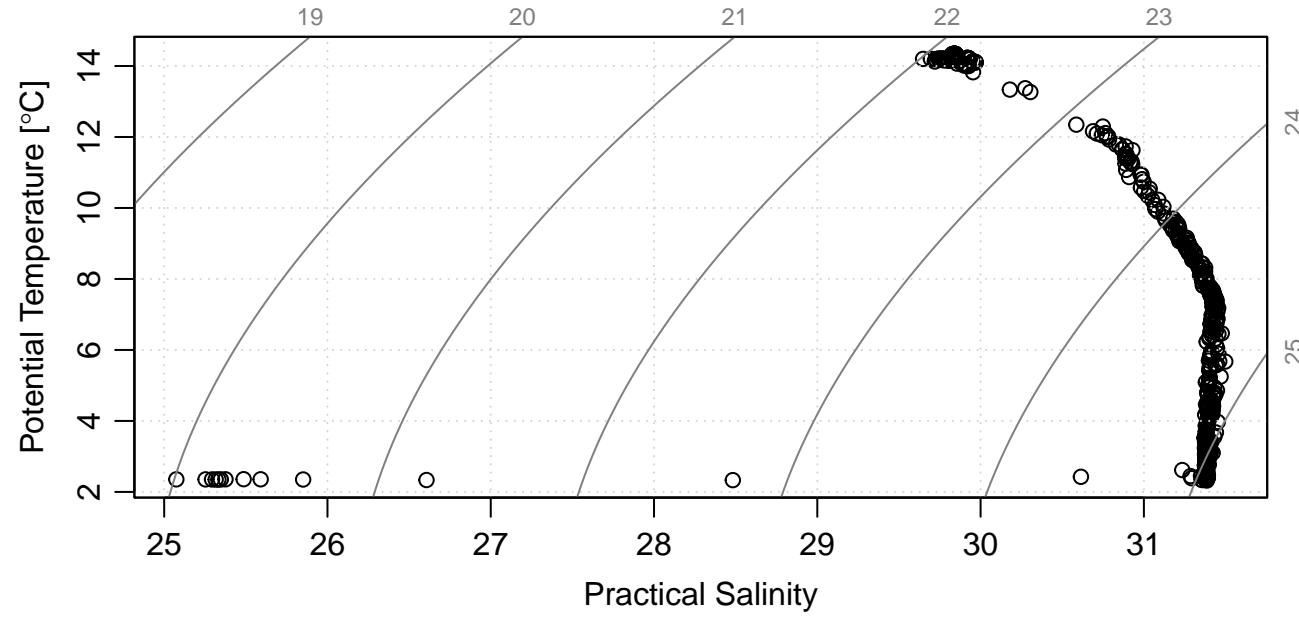
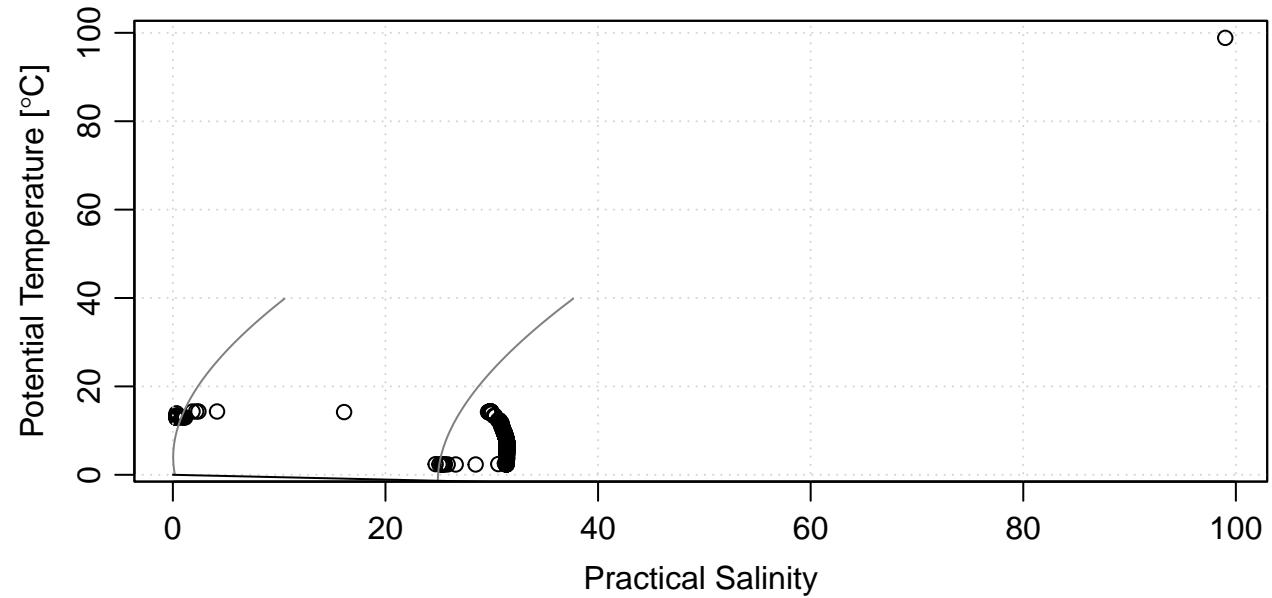
2008-06-25 23:30:00UTC to 2008-06-27 00:30:00UTC east

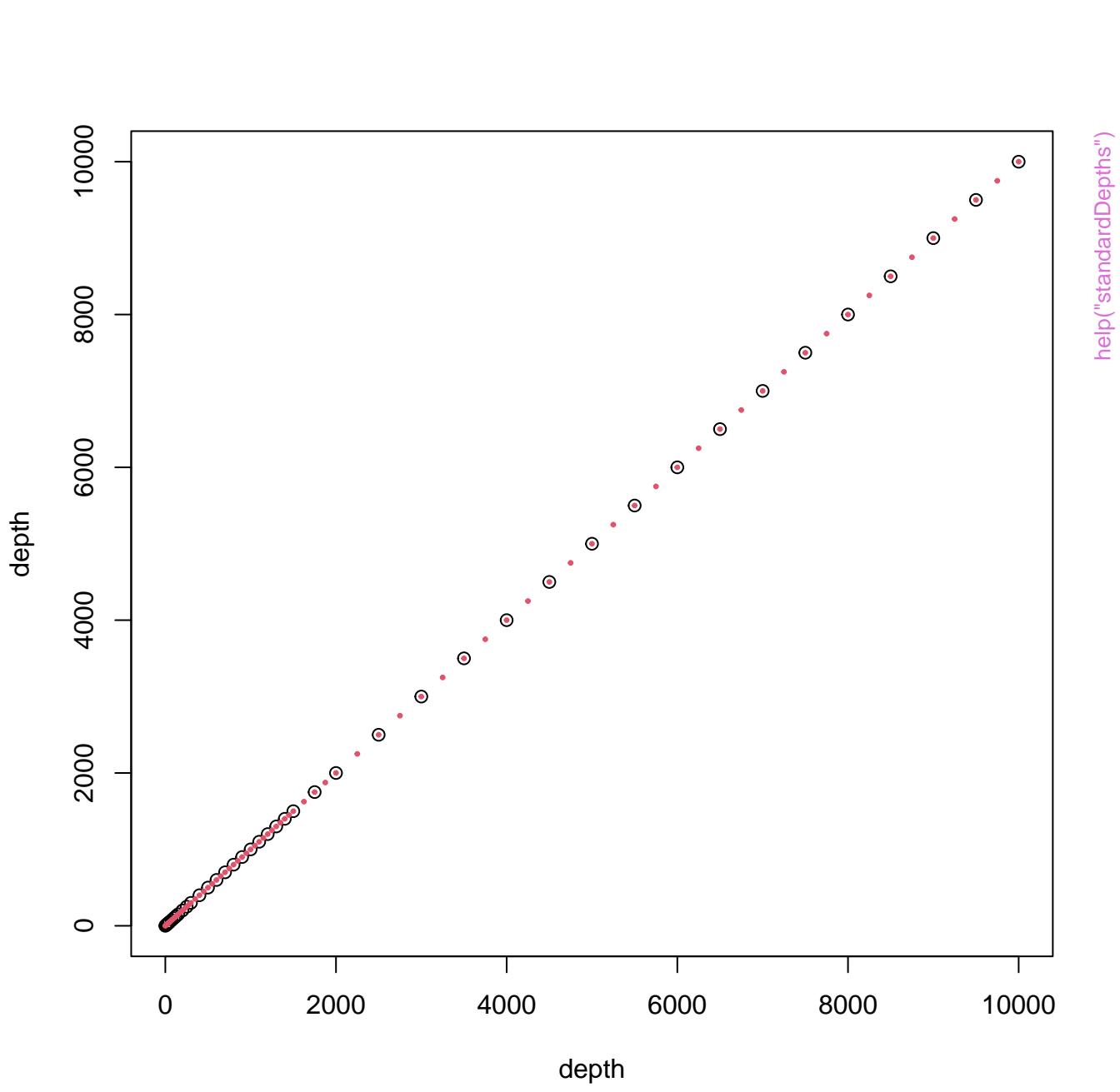
Distance [m]



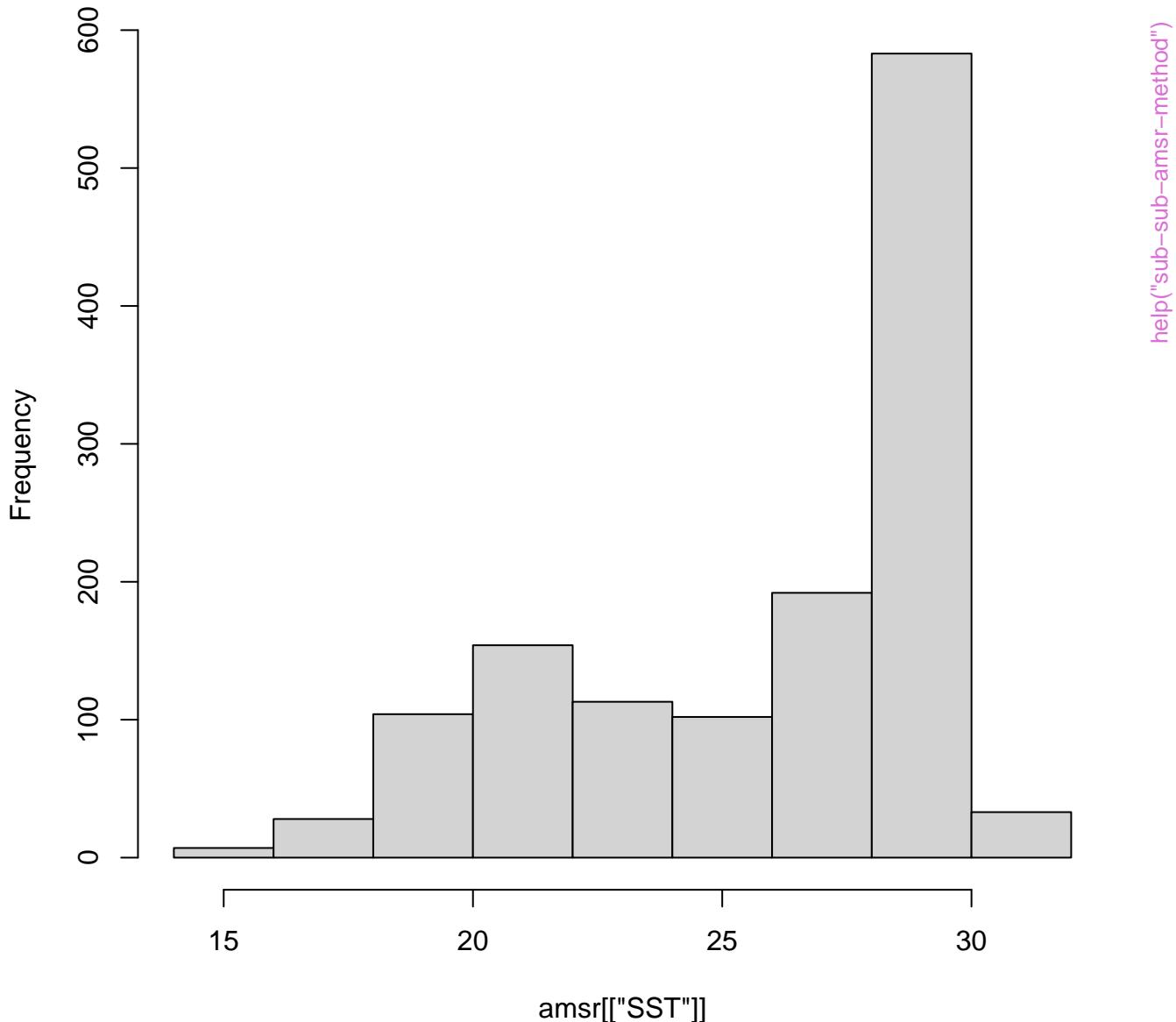
help("setFlags--adp--method")
-1.0 -0.6 -0.2 0.2 0.6 1.0
-0.2 0.2 0.6 1.0
0.2 0.6 1.0
0.6 1.0
1.0

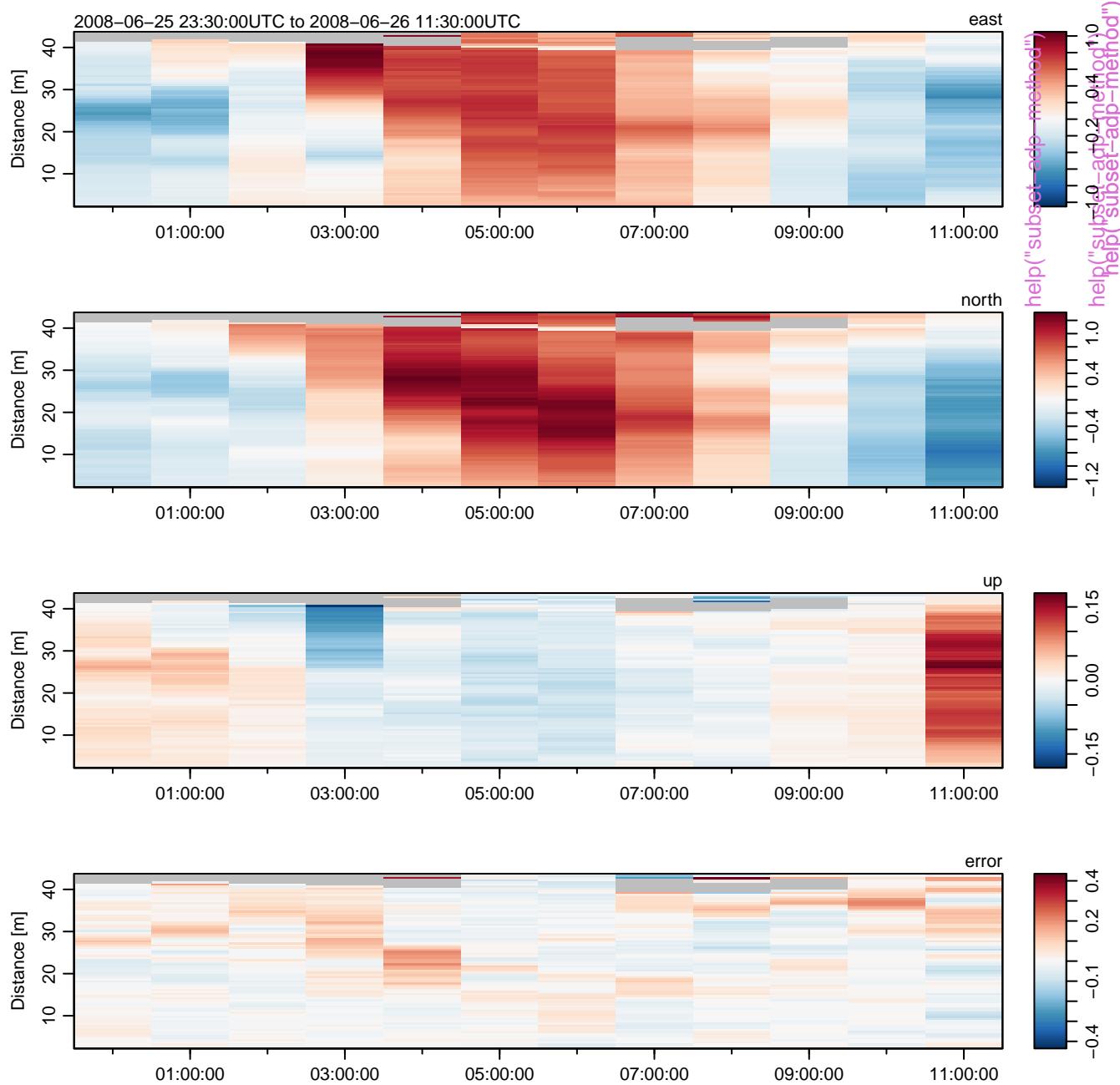
help("setFlags-ctd-method")

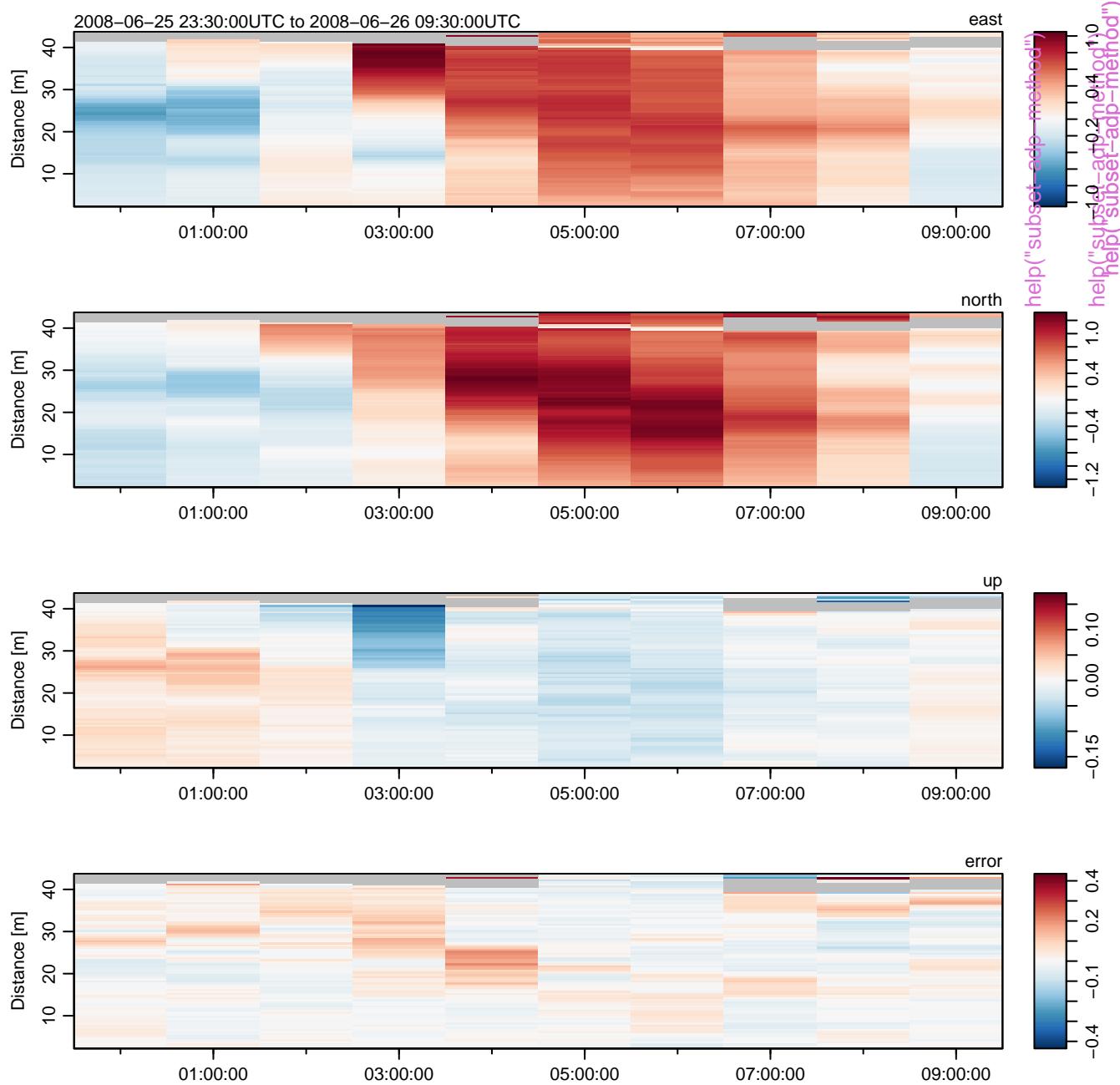




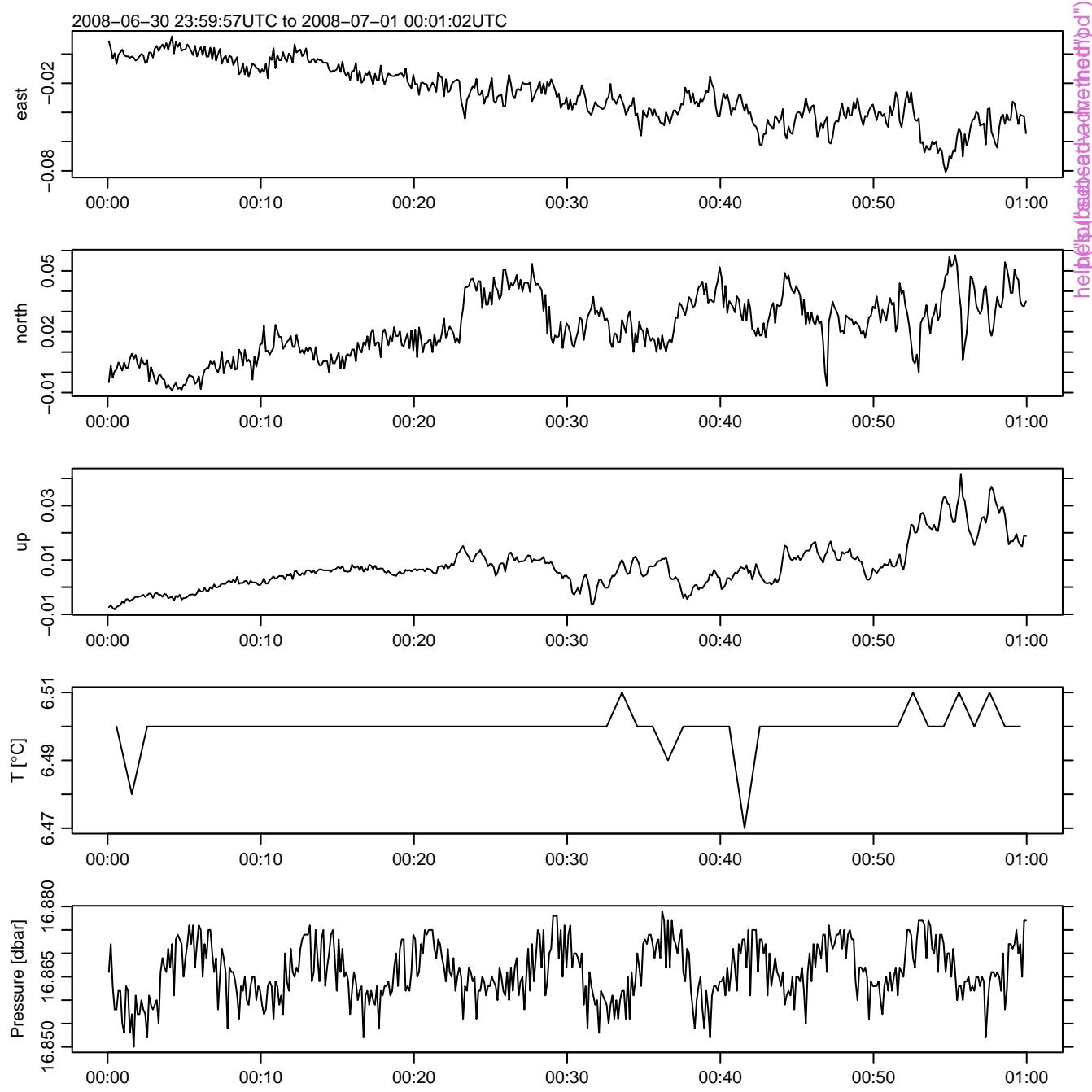
Histogram of amsr[["SST"]]



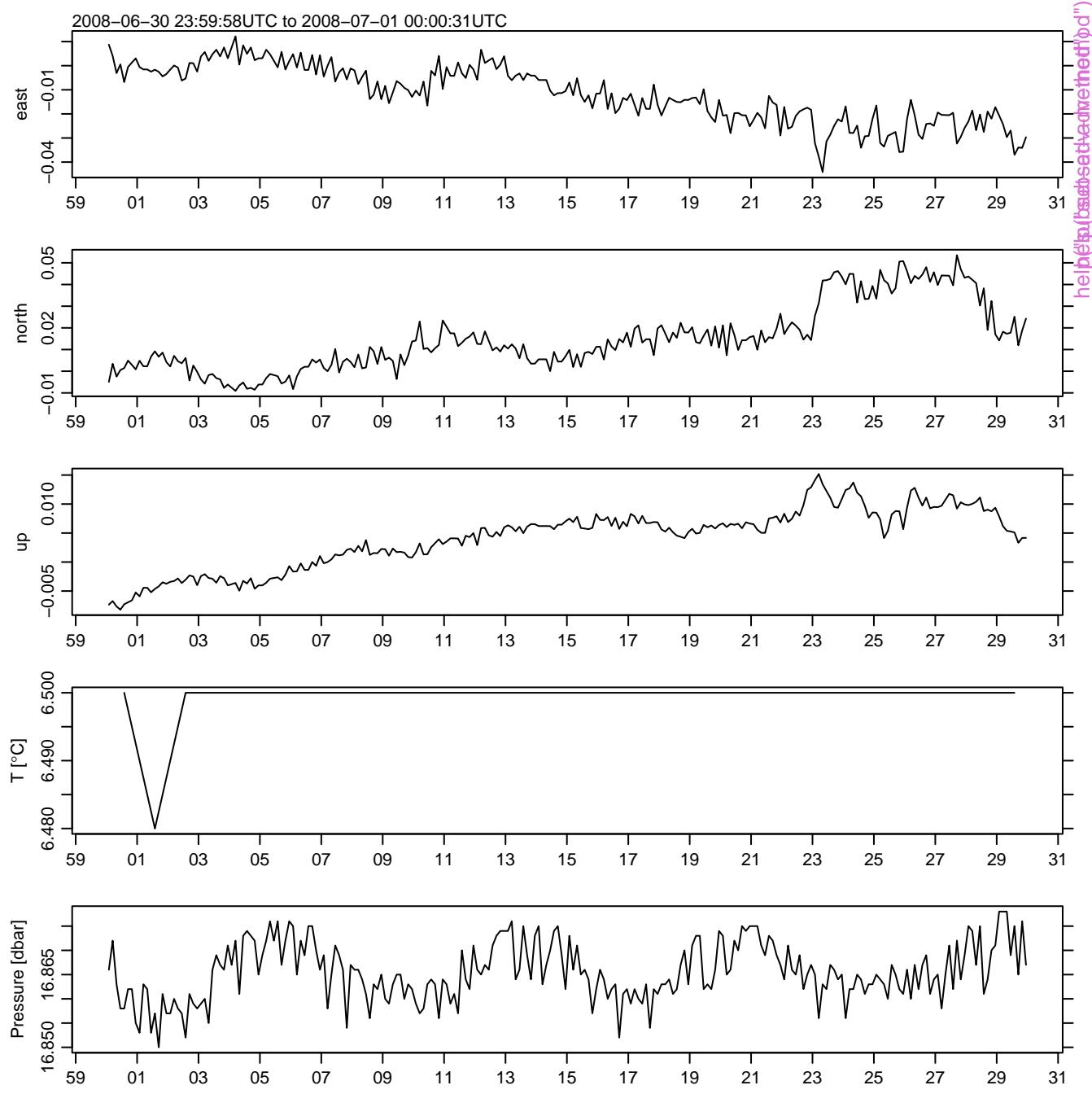




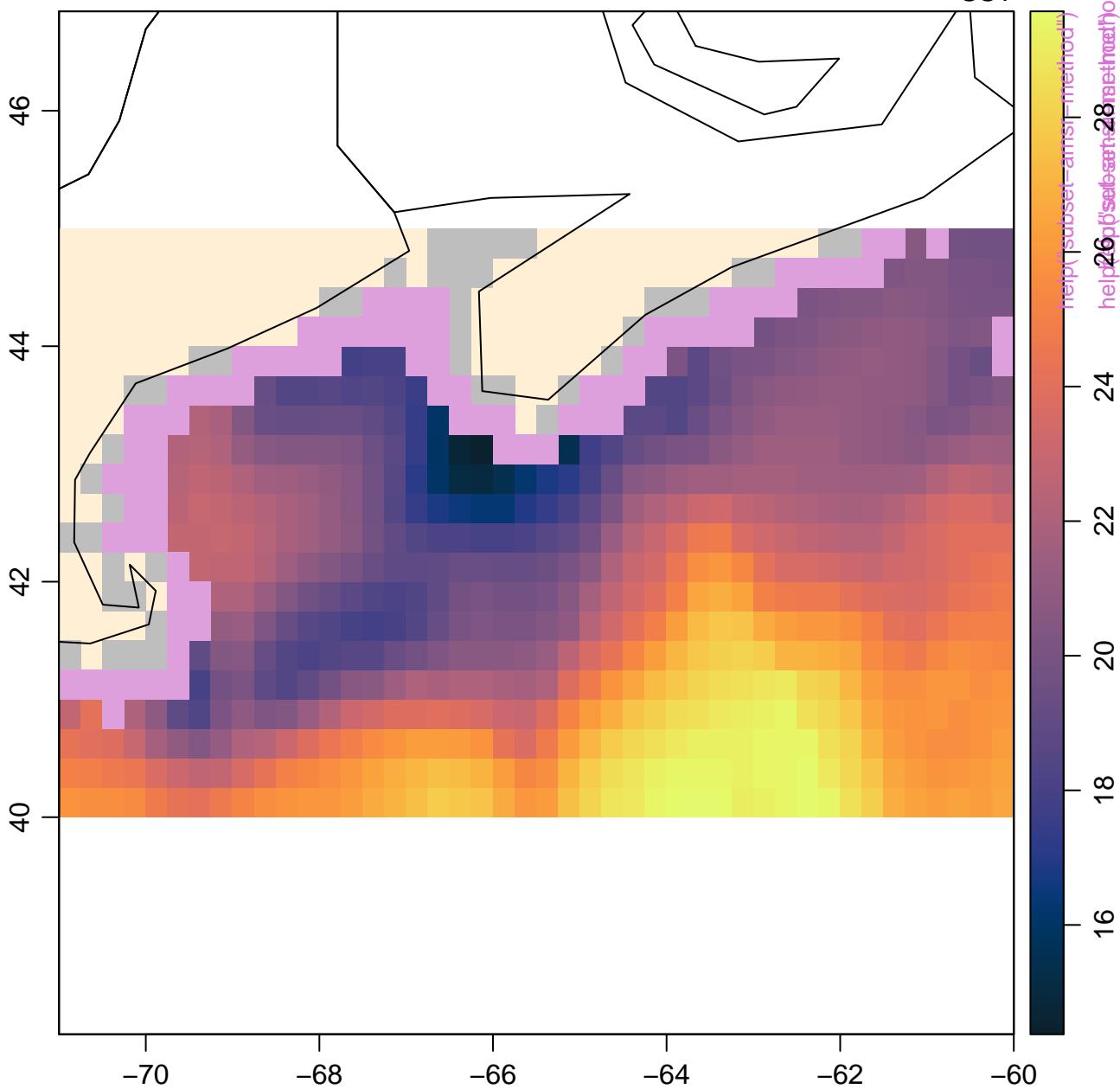
2008-06-30 23:59:57UTC to 2008-07-01 00:01:02UTC



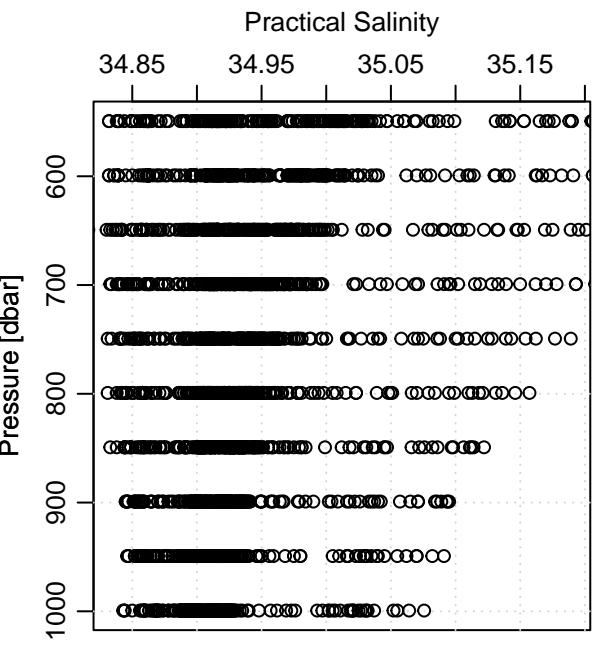
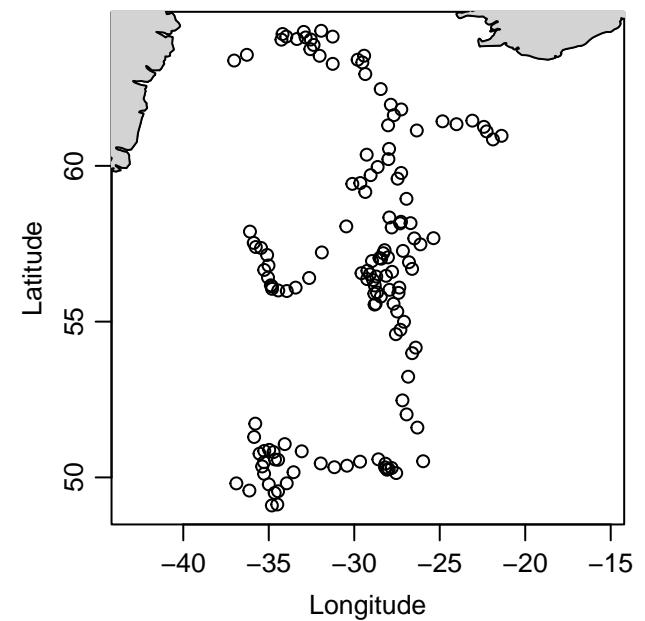
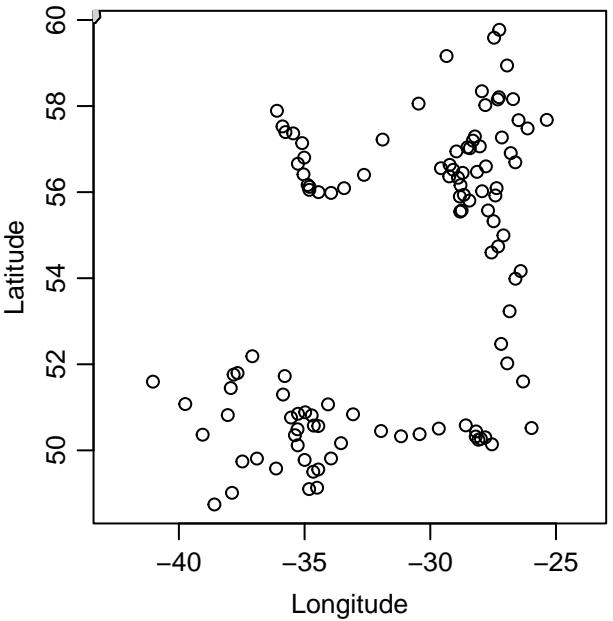
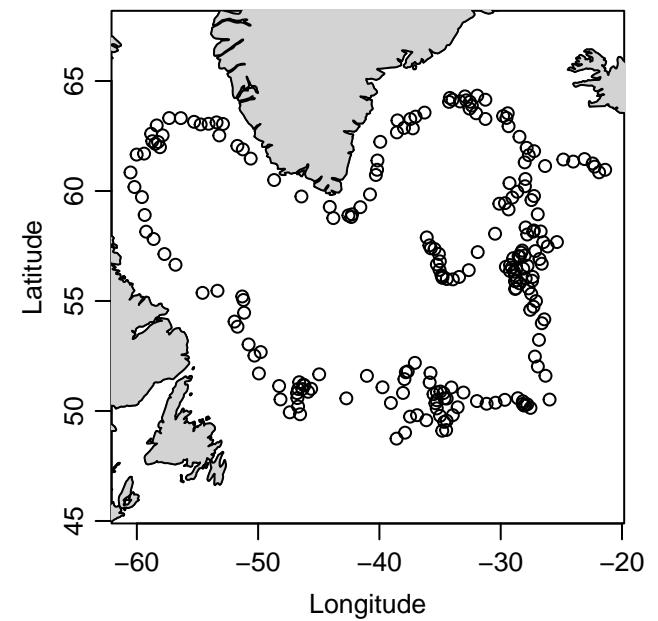
2008-06-30 23:59:58UTC to 2008-07-01 00:00:31UTC



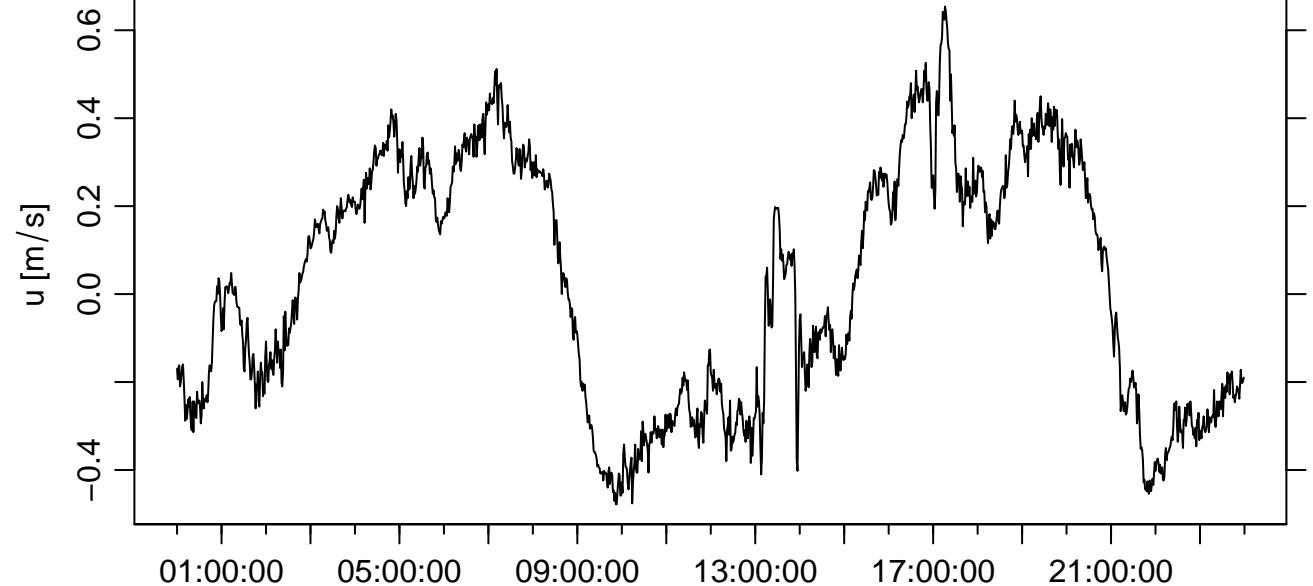
SST



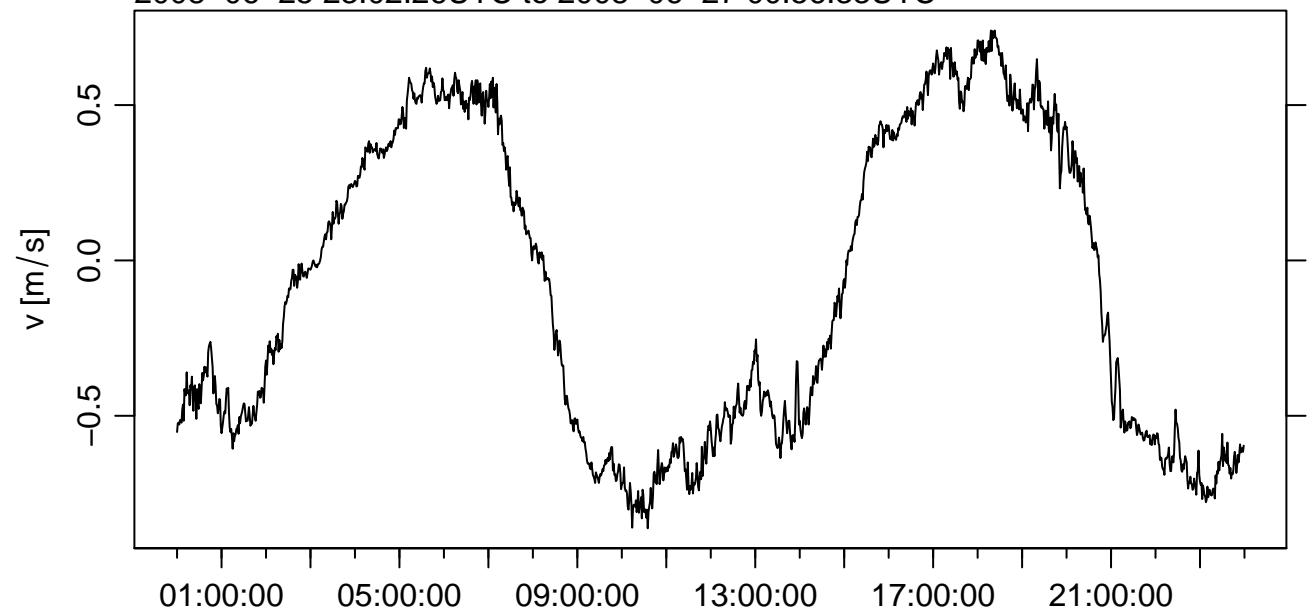
help("subset-argo-method")



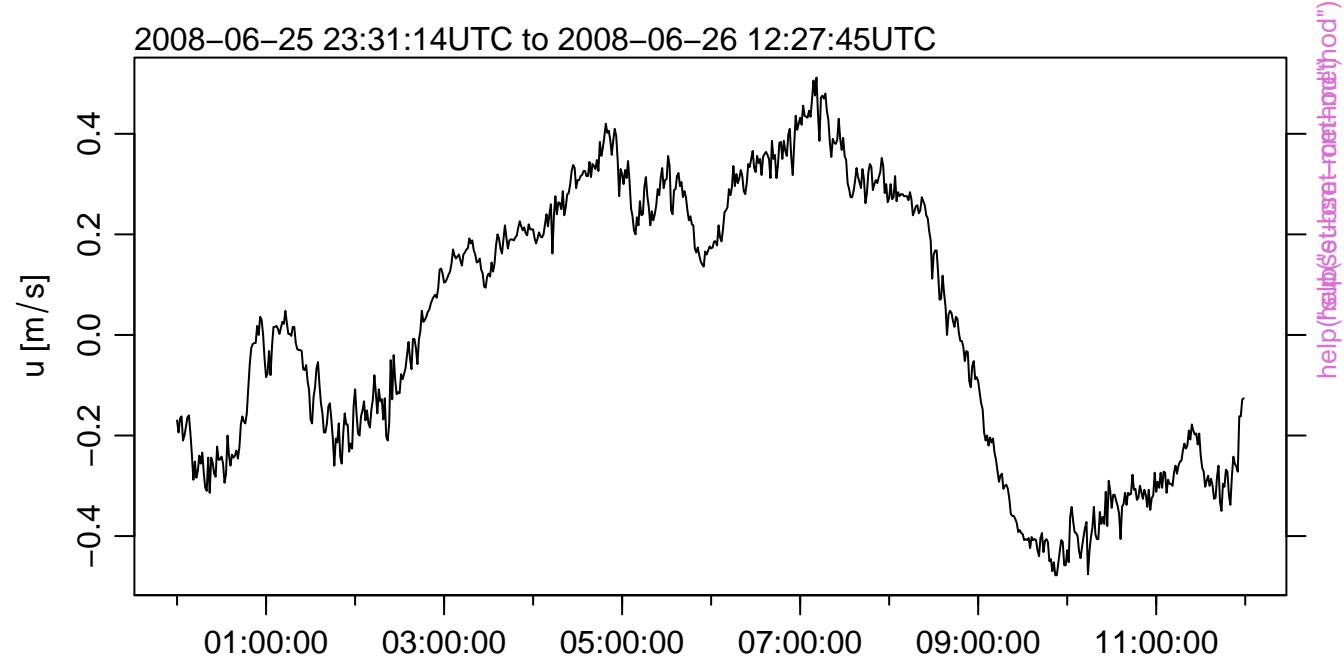
2008-06-25 23:02:26UTC to 2008-06-27 00:56:33UTC



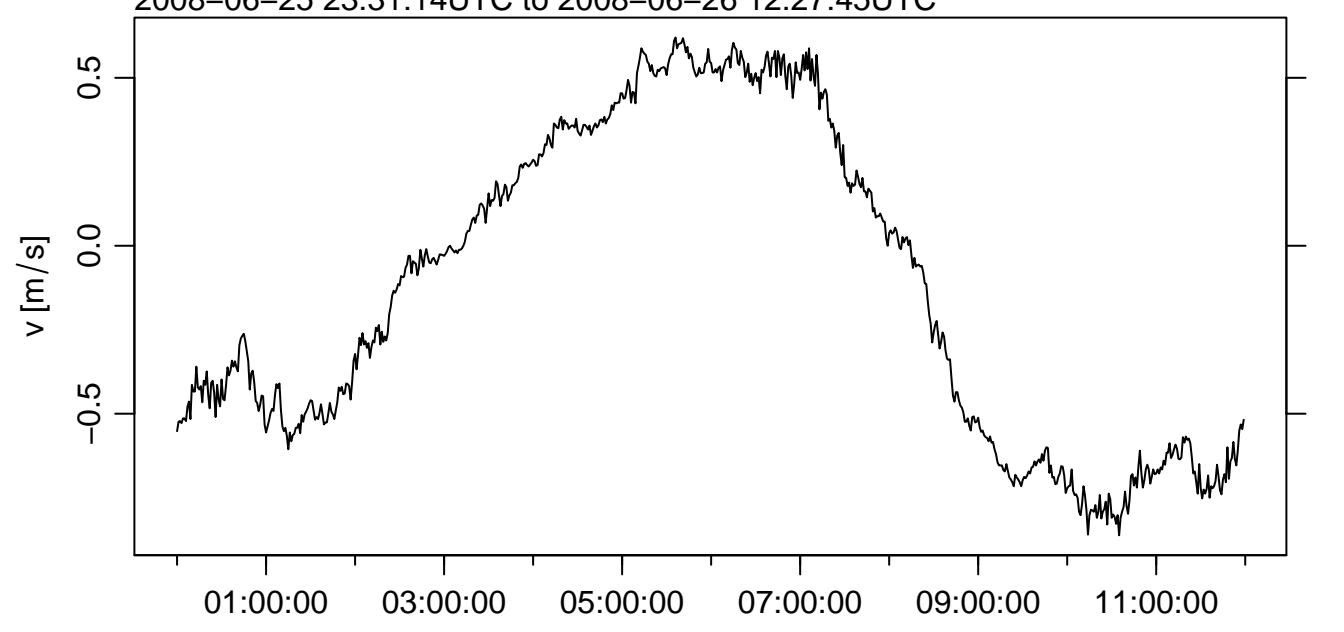
2008-06-25 23:02:26UTC to 2008-06-27 00:56:33UTC



2008-06-25 23:31:14UTC to 2008-06-26 12:27:45UTC



2008-06-25 23:31:14UTC to 2008-06-26 12:27:45UTC



```
help("subset-coastline-method")
```

60

50

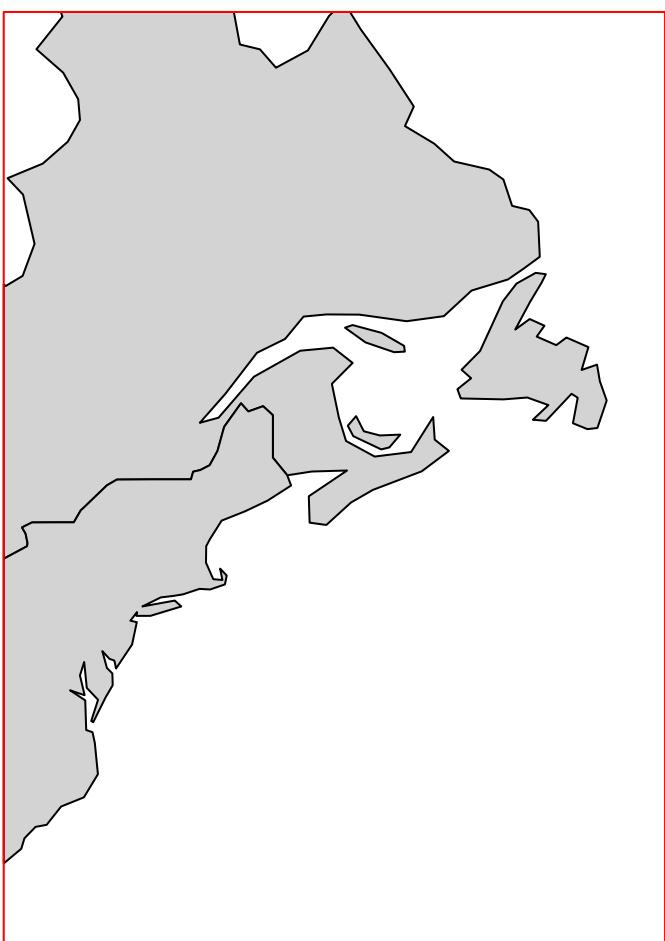
40

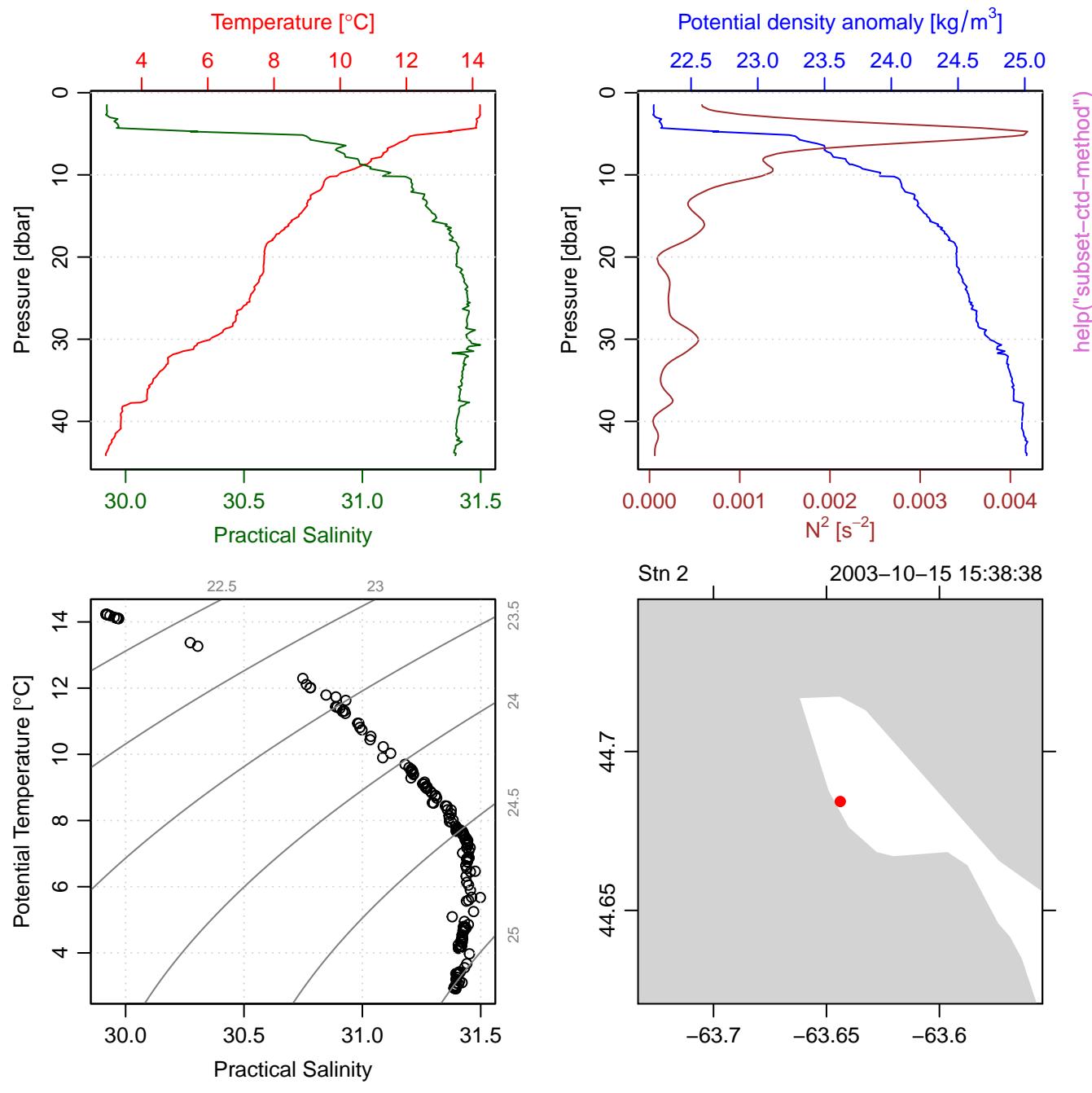
30

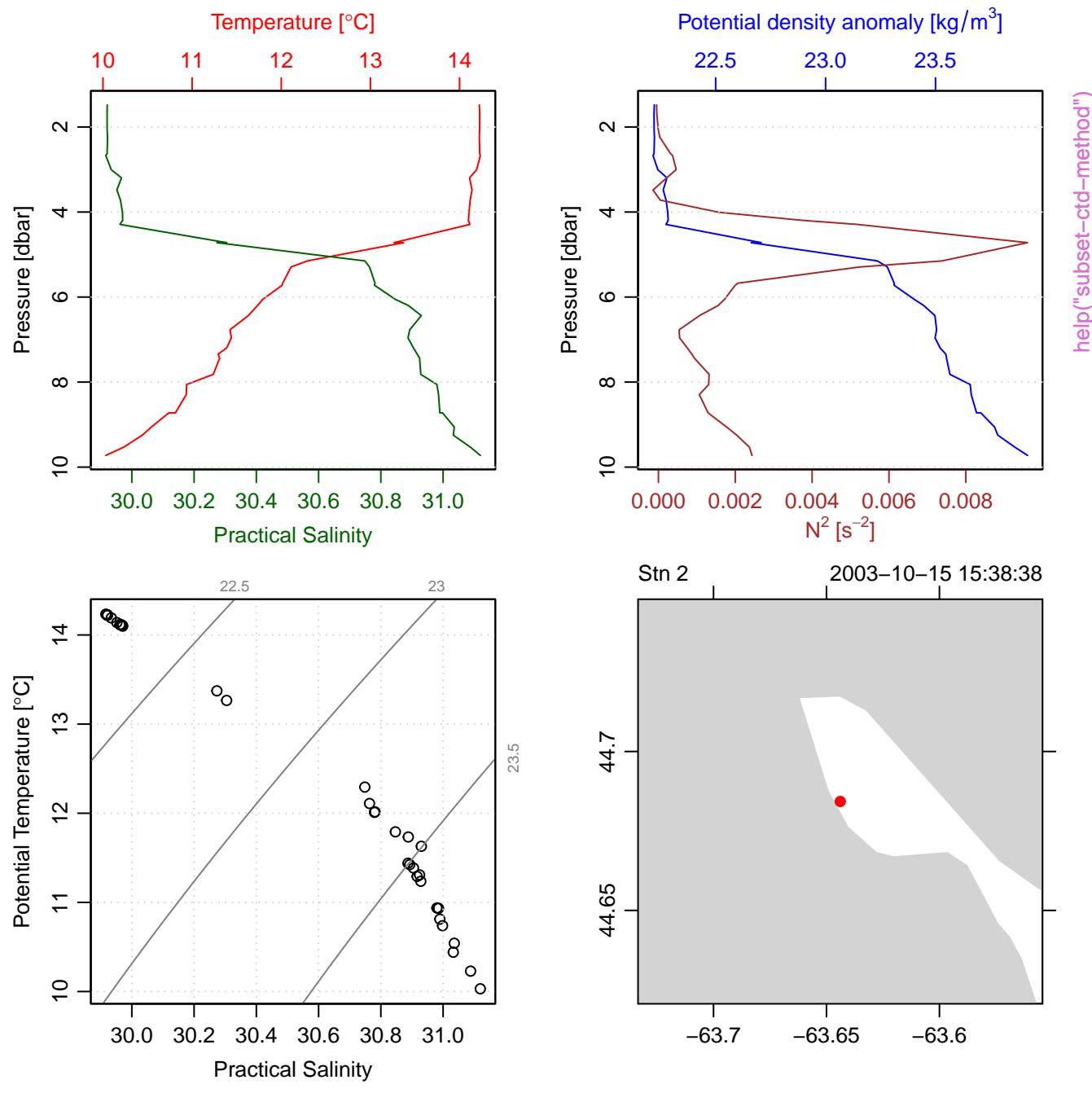
-80

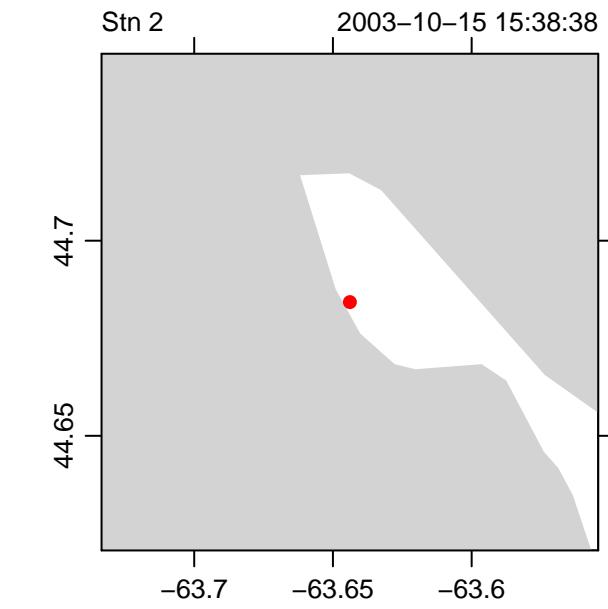
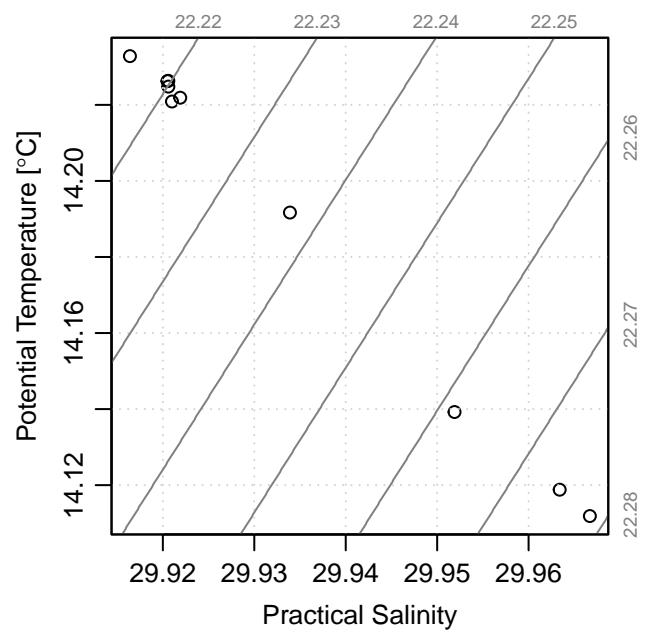
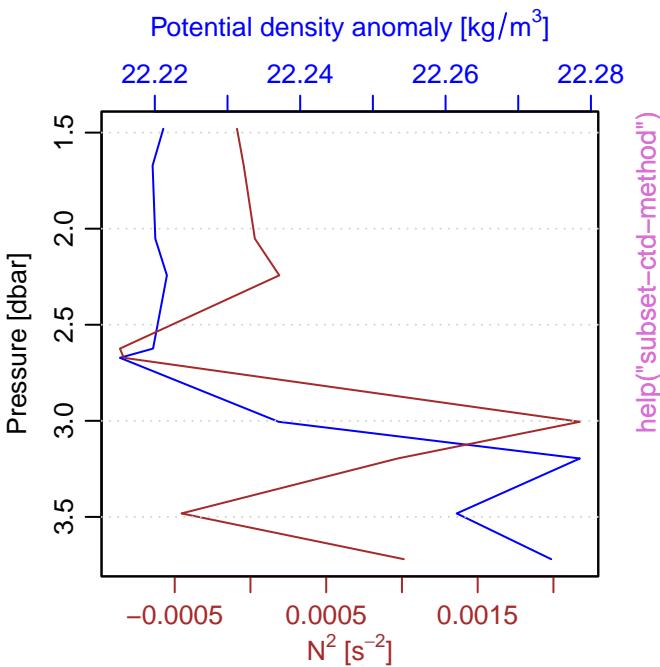
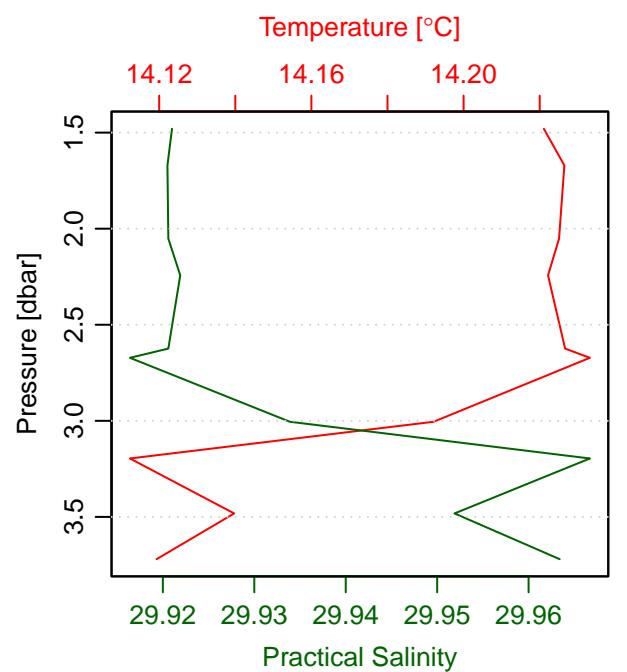
-60

-40





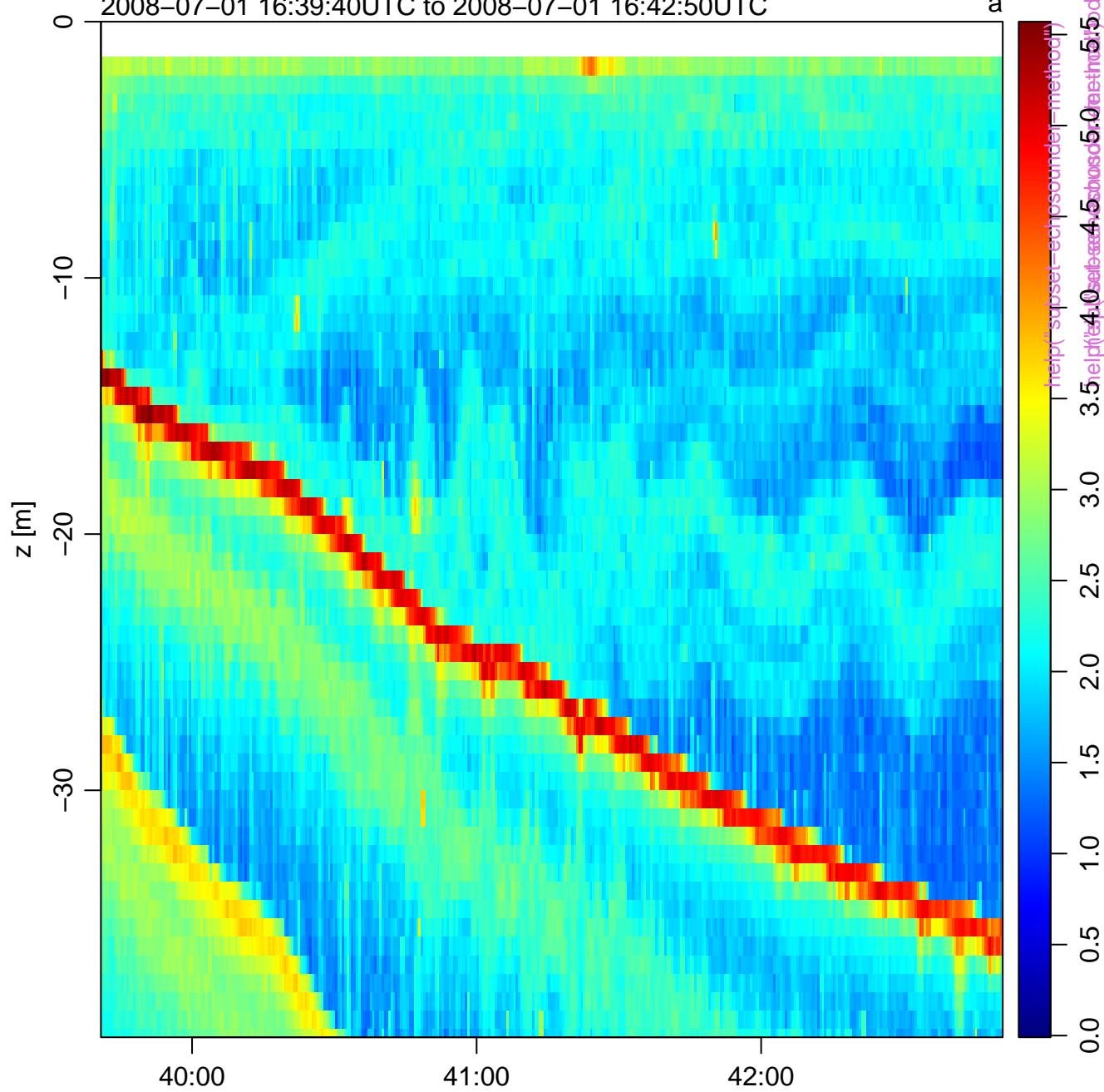




help("subset-ctd-method")

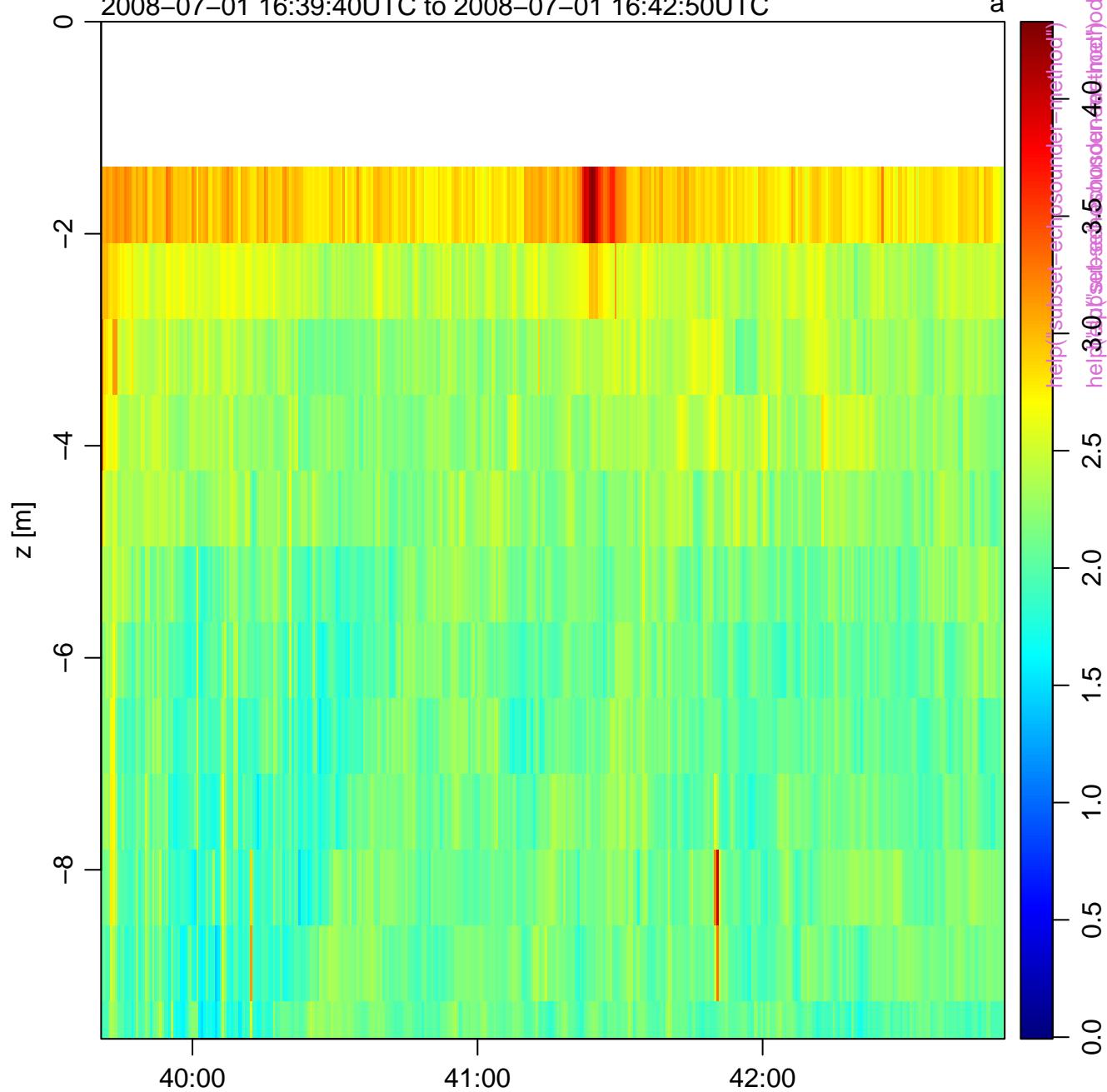
2008-07-01 16:39:40UTC to 2008-07-01 16:42:50UTC

a



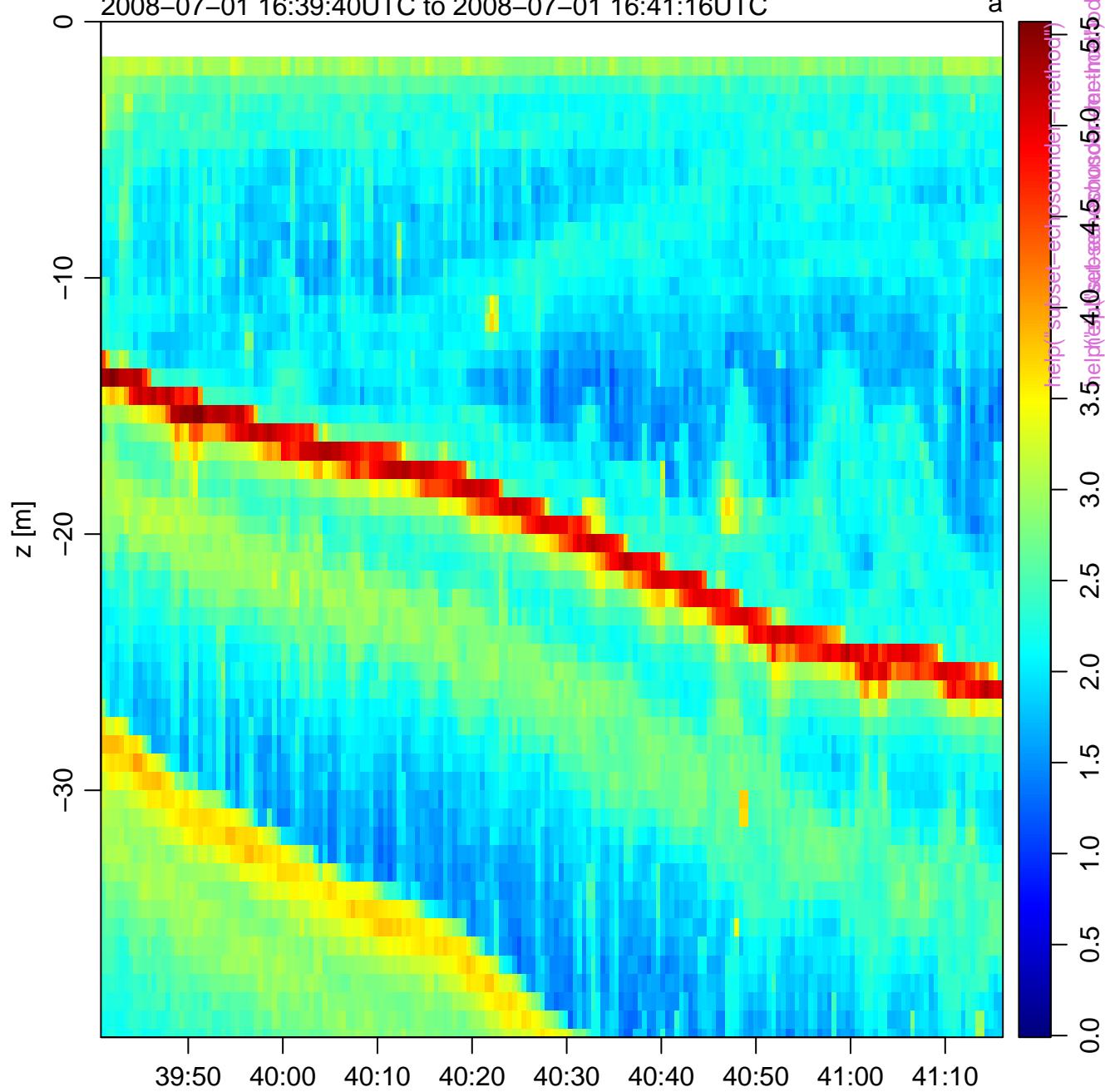
2008-07-01 16:39:40UTC to 2008-07-01 16:42:50UTC

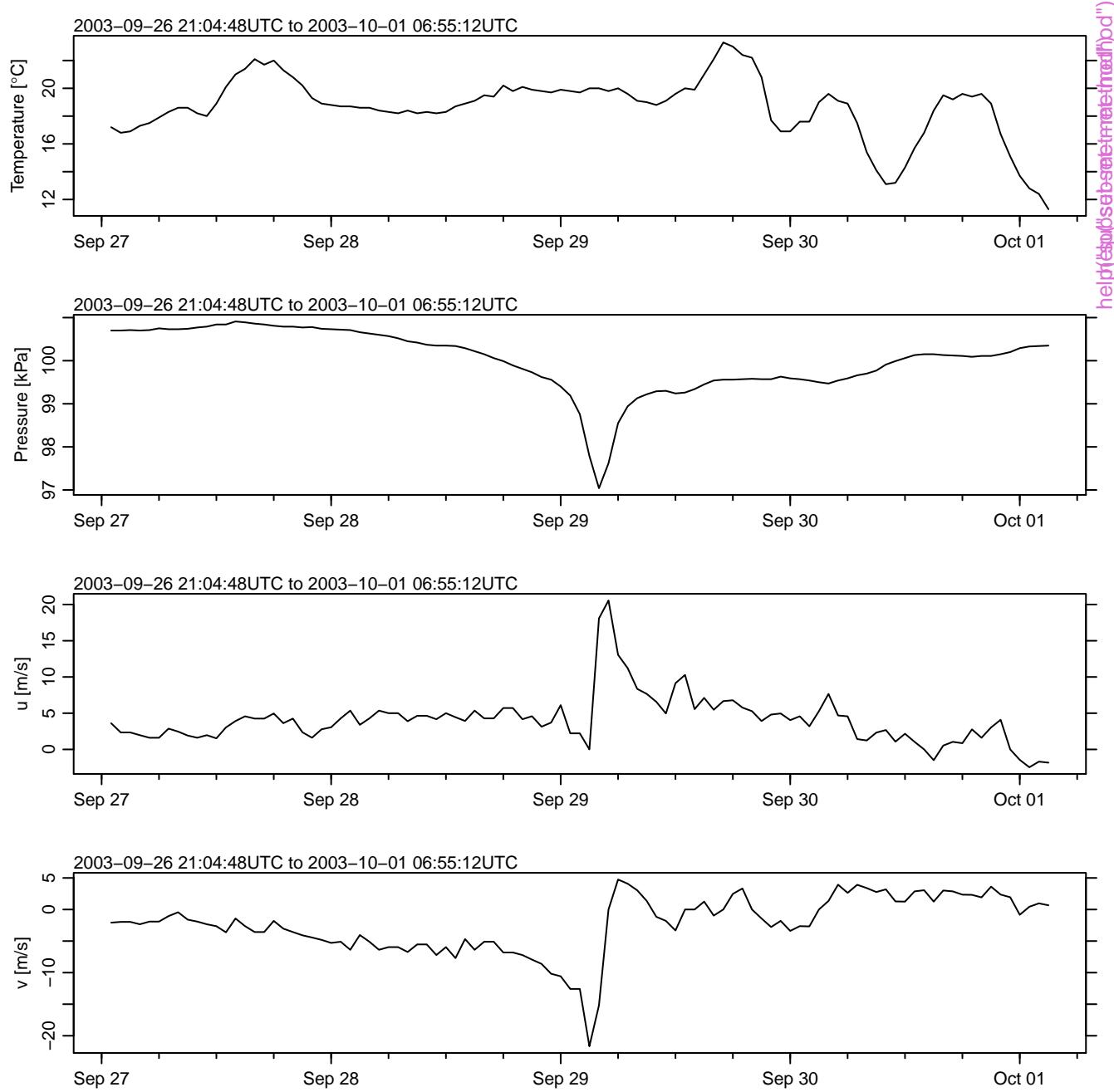
a



2008-07-01 16:39:40UTC to 2008-07-01 16:41:16UTC

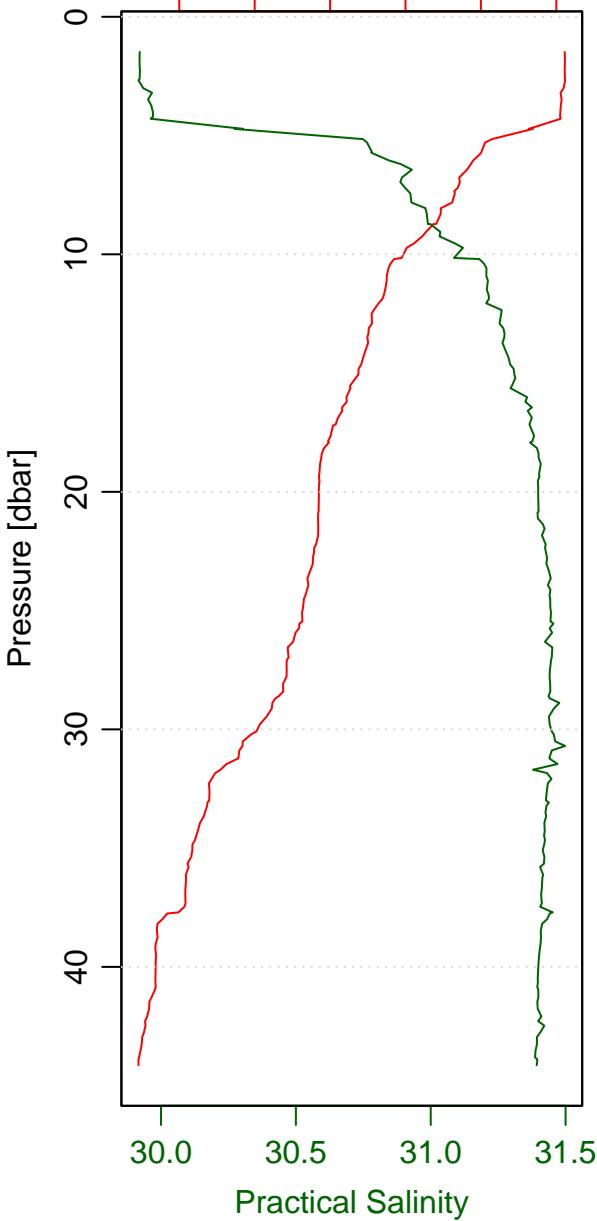
a





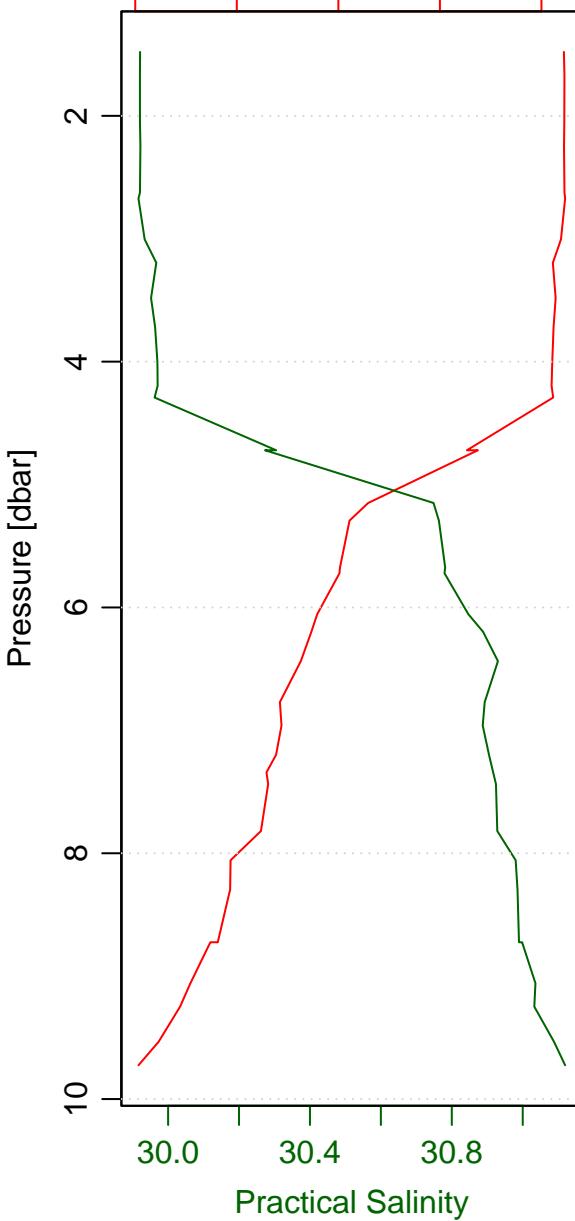
Temperature [°C]

4 6 8 10 12 14

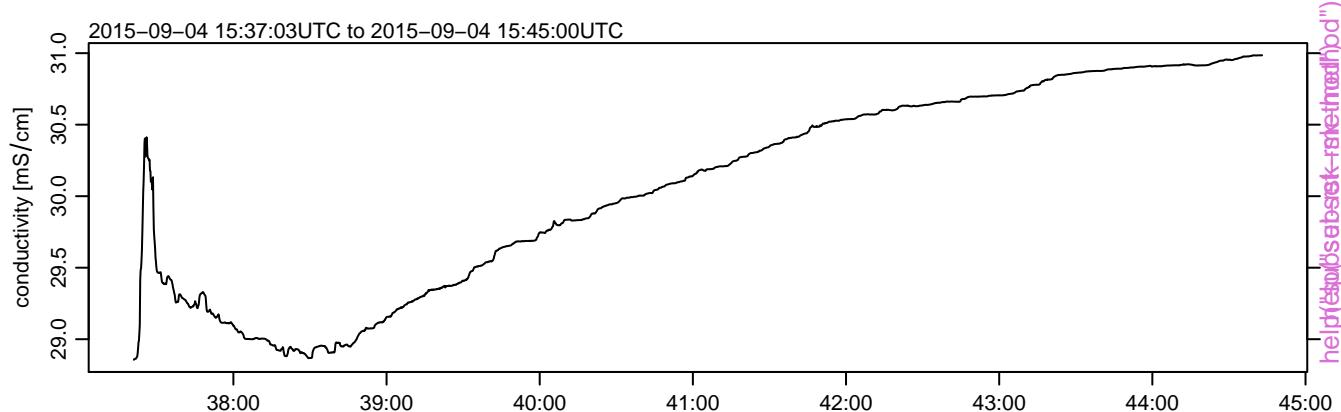


Temperature [°C]

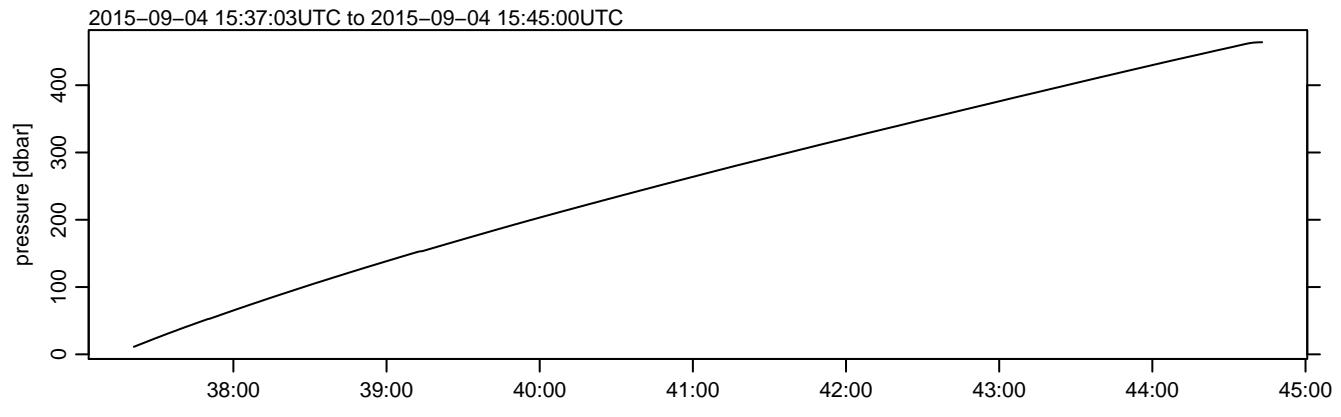
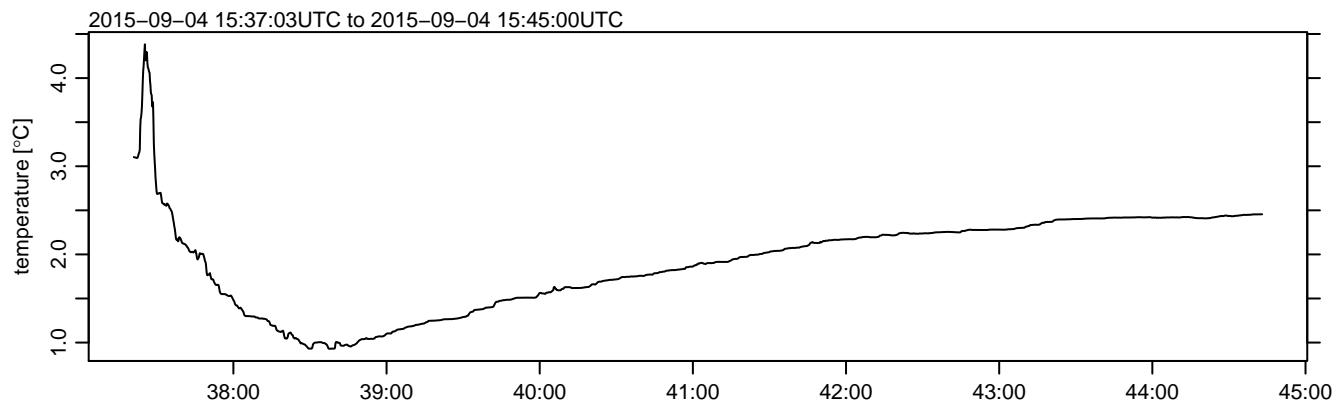
10 11 12 13 14



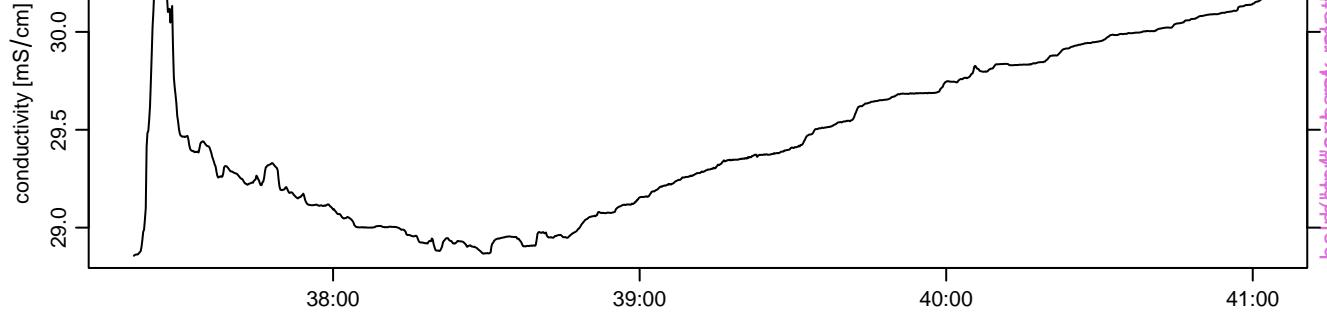
help("subset-oce-method")



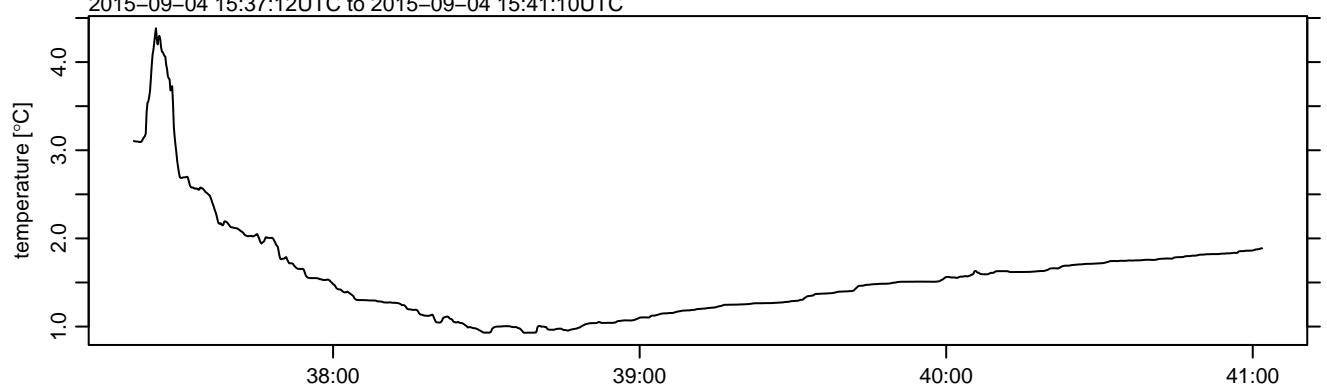
help('estimator' for help on methods)



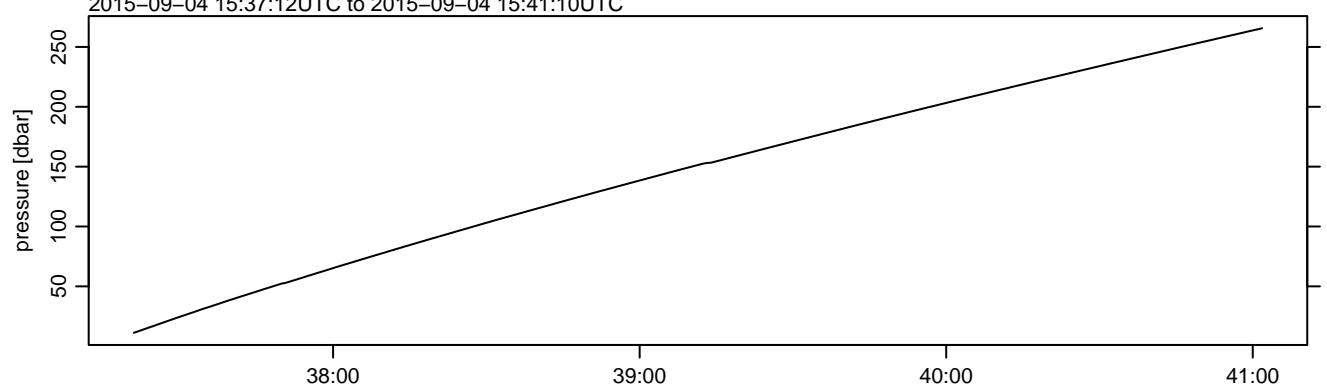
2015-09-04 15:37:12UTC to 2015-09-04 15:41:10UTC



2015-09-04 15:37:12UTC to 2015-09-04 15:41:10UTC



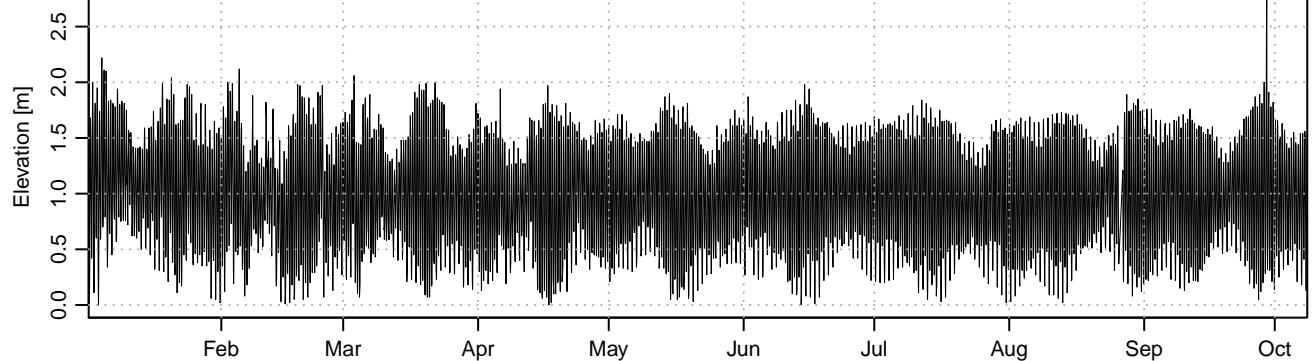
2015-09-04 15:37:12UTC to 2015-09-04 15:41:10UTC



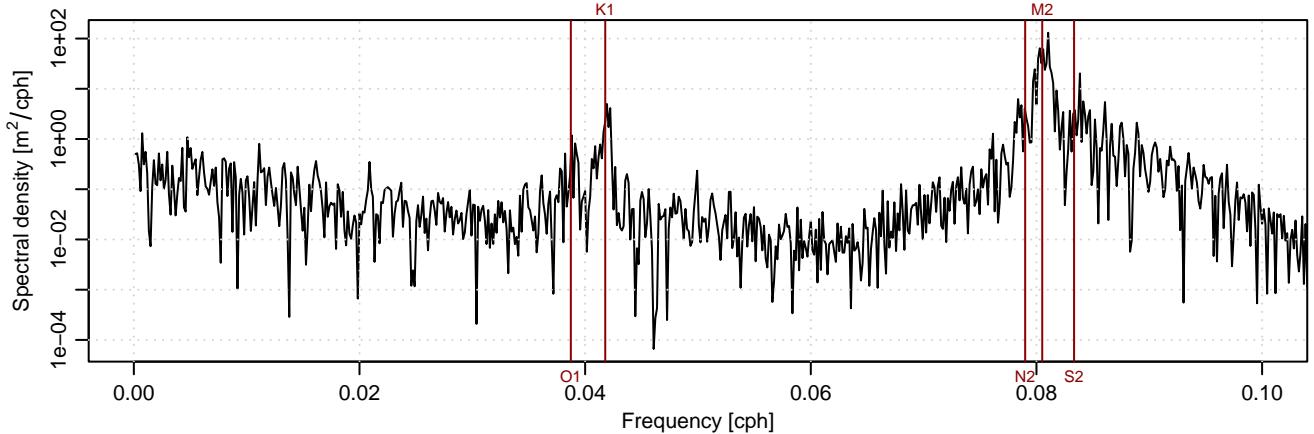
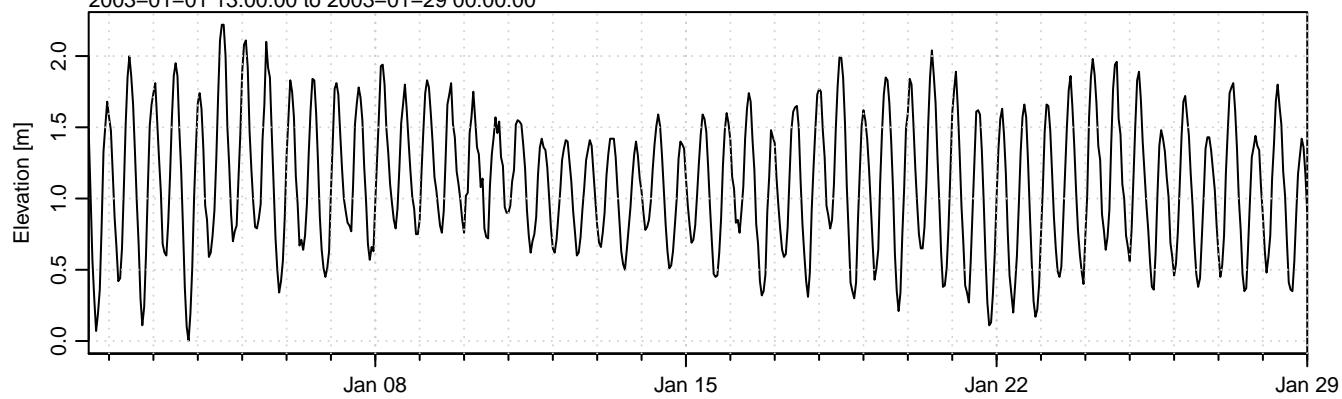
helpdesk@breakthroughod")

2003-01-01 13:00:00 to 2003-10-08 11:00:00

Station 490 HALIFAX 44.6667N 63.5833W



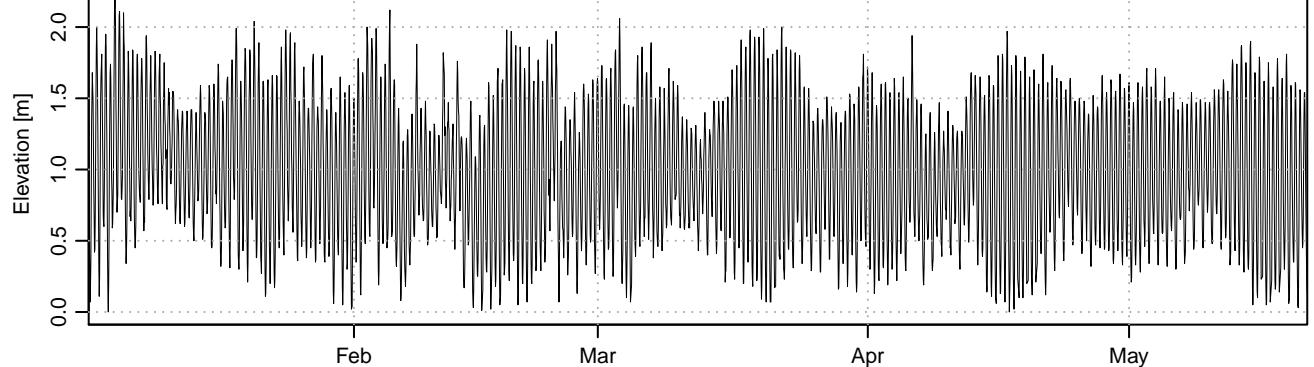
2003-01-01 13:00:00 to 2003-01-29 00:00:00



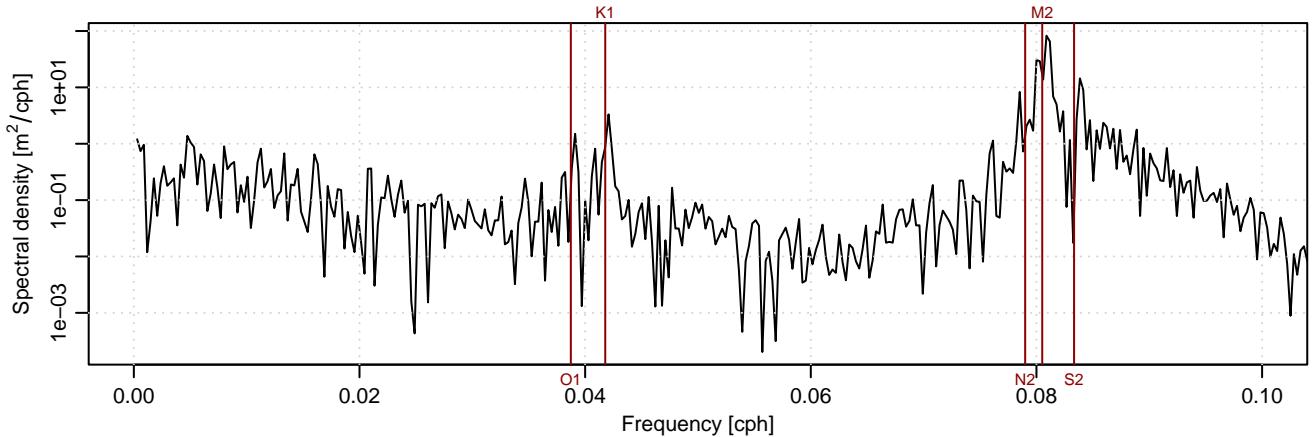
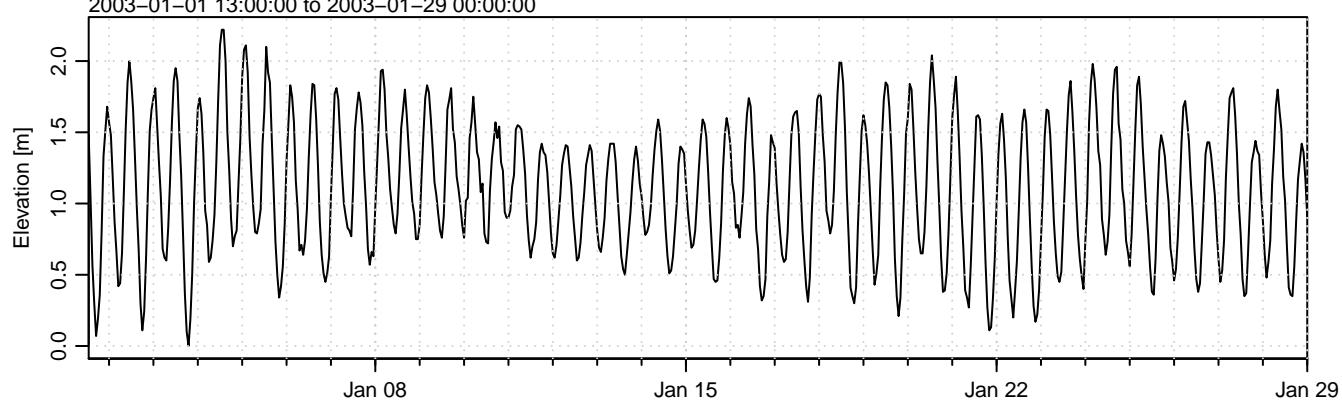
help("subset_sealevel-method")

2003-01-01 13:00:00 to 2003-05-21 11:00:00

Station 490 HALIFAX 44.6667N 63.5833W

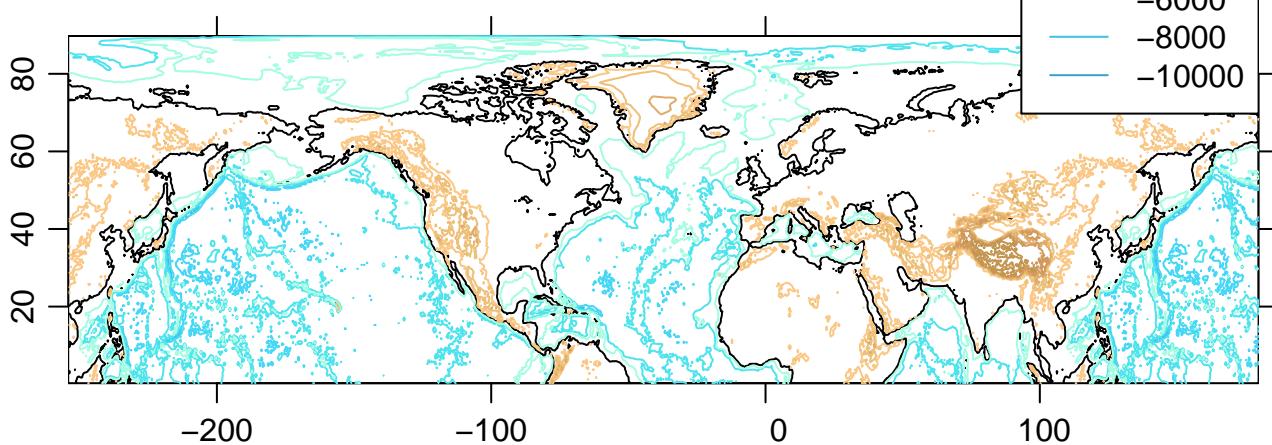


2003-01-01 13:00:00 to 2003-01-29 00:00:00



help("subset-sealevel-method")

help("subset-topo-method")



Temperature [°C]

20.900

20.902

20.904

20.906

20.908

20.910

z [m]

-5.5

-6.0

-6.5

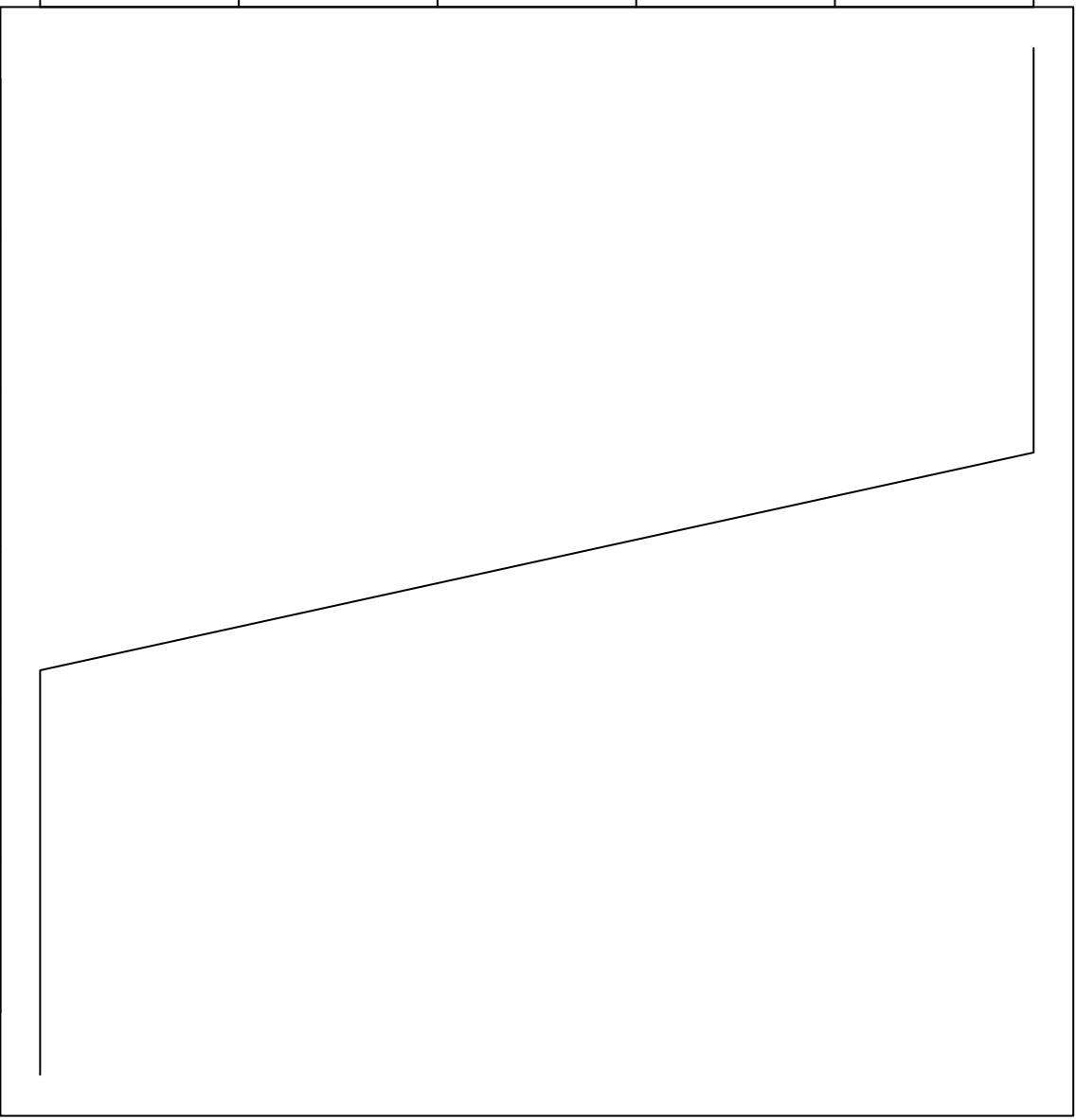
-7.0

-7.5

-8.0

-8.5

help("subset-xbt-method")



Temperature [°C]

15

20

25

z [m]

-5.4

-5.6

-5.8

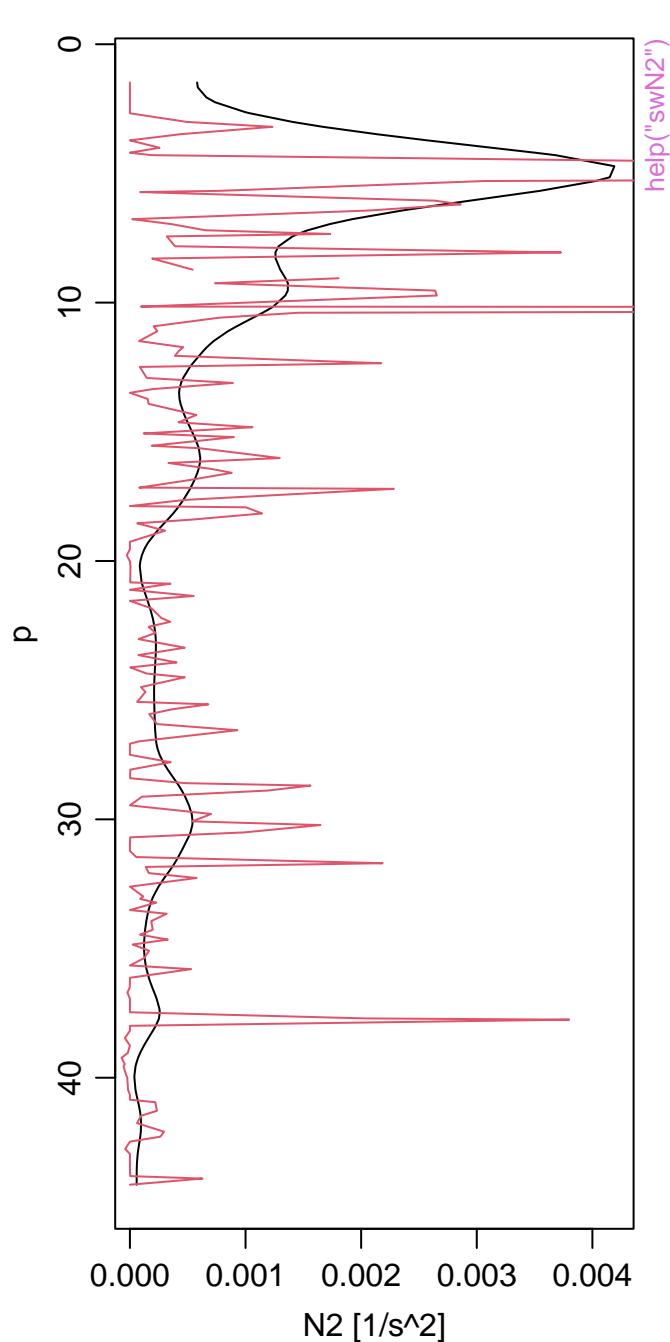
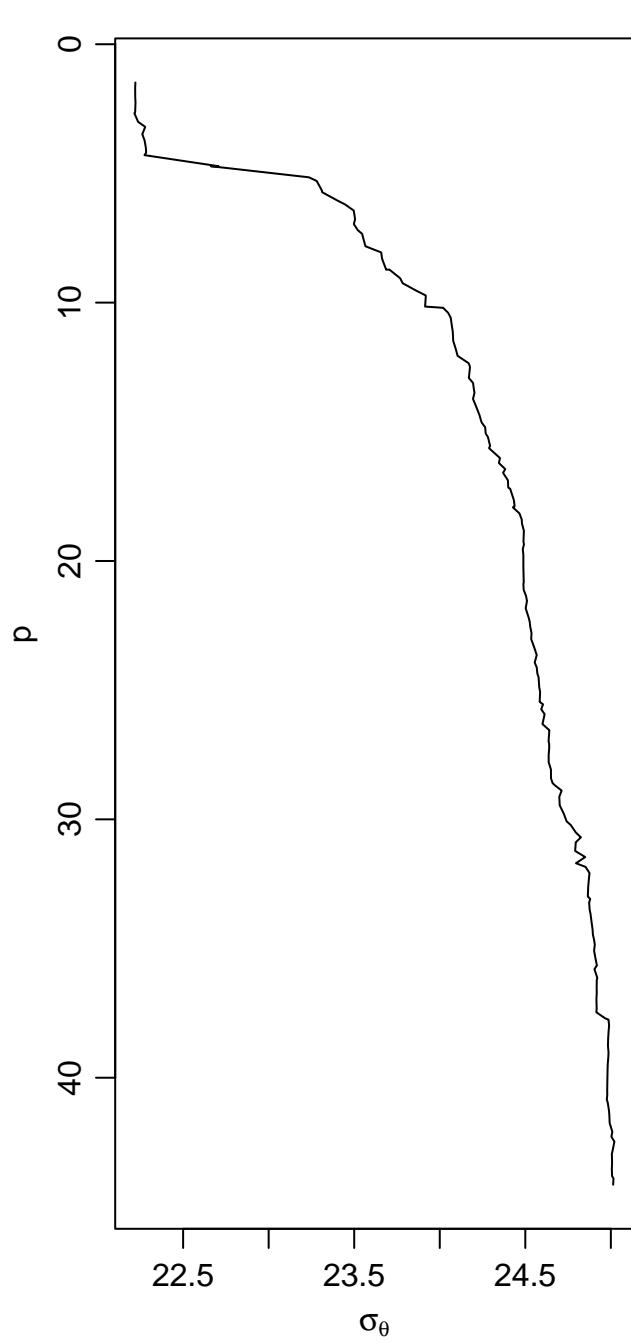
-6.0

-6.2

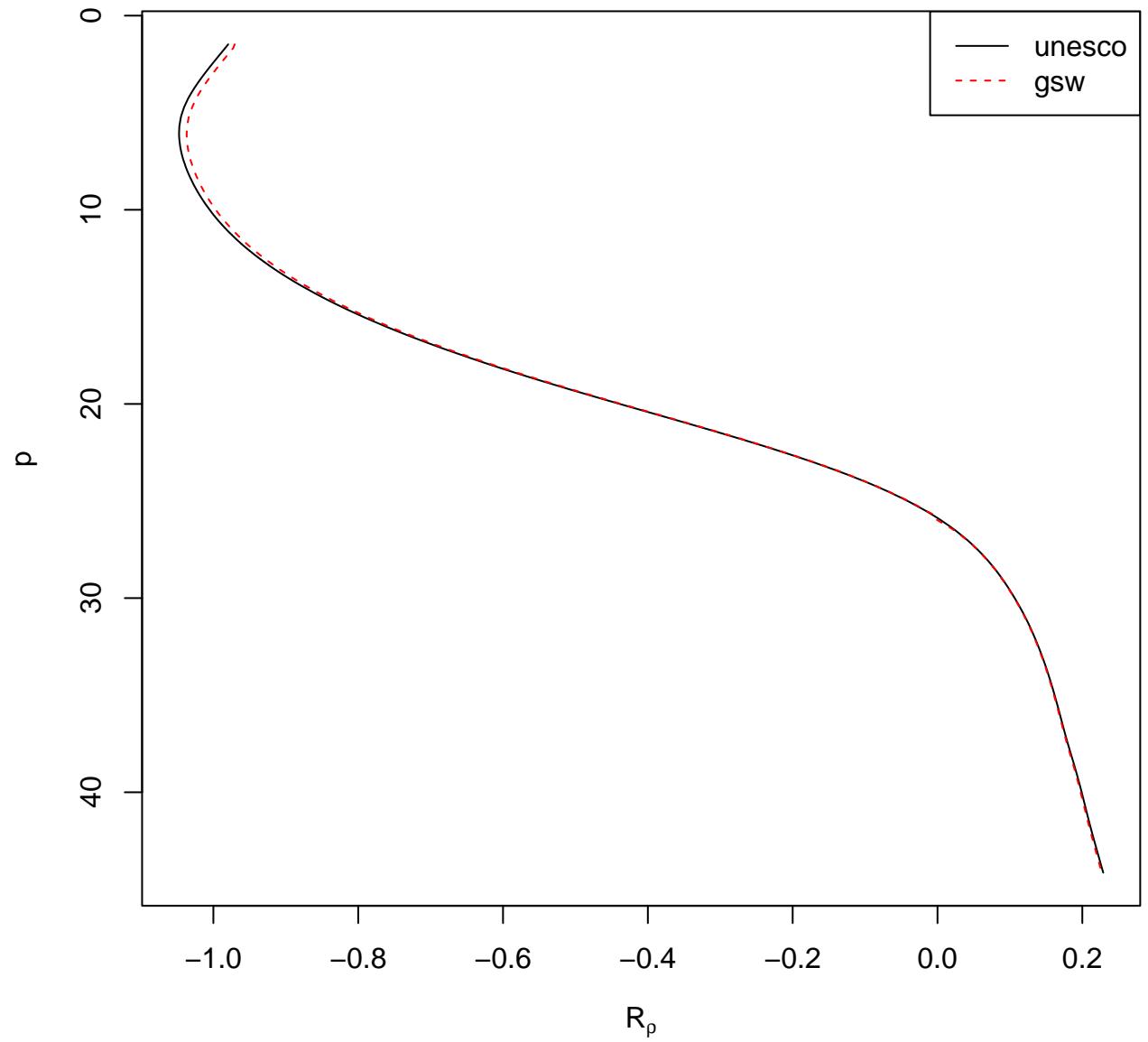
-6.4

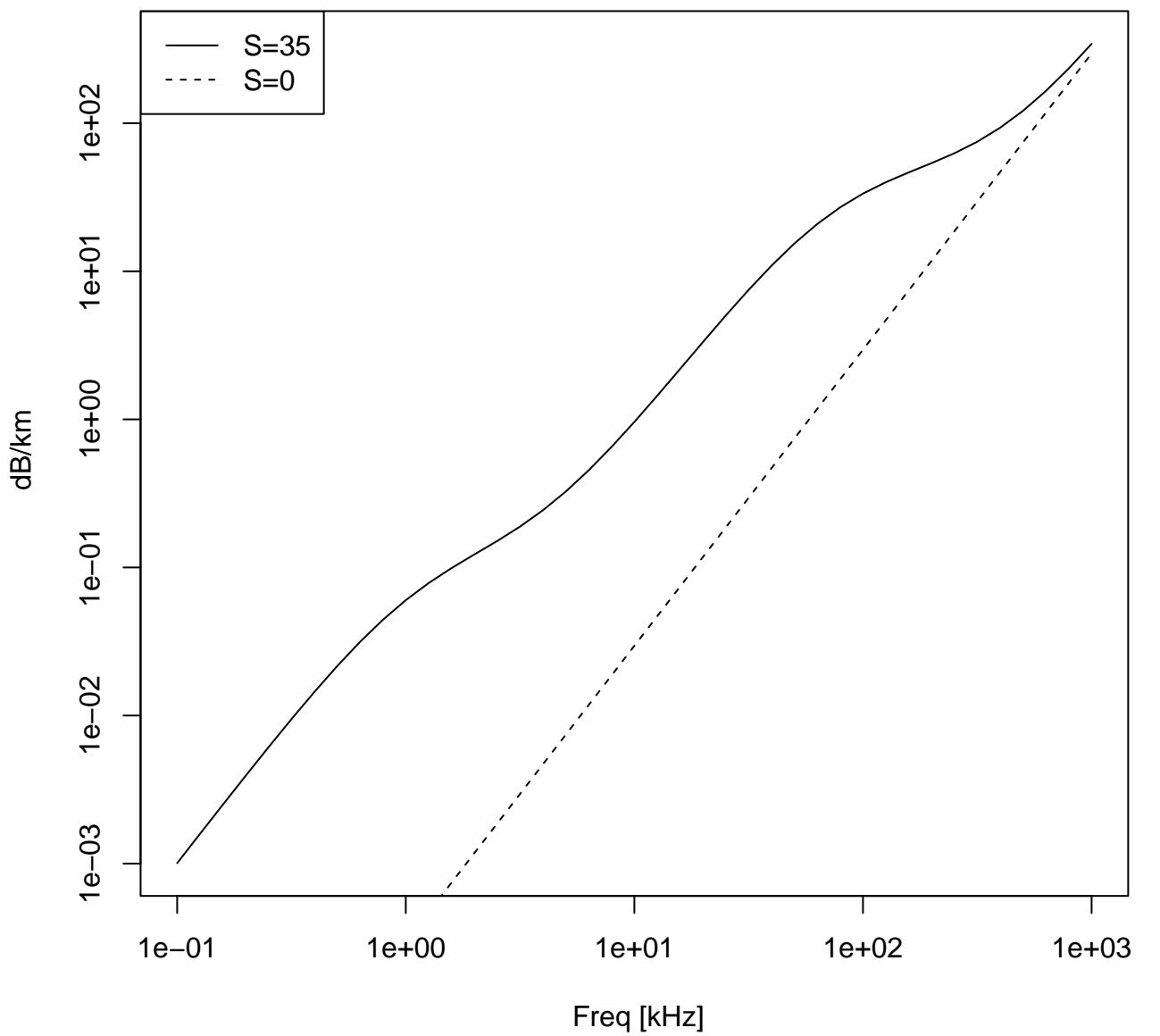
-6.6

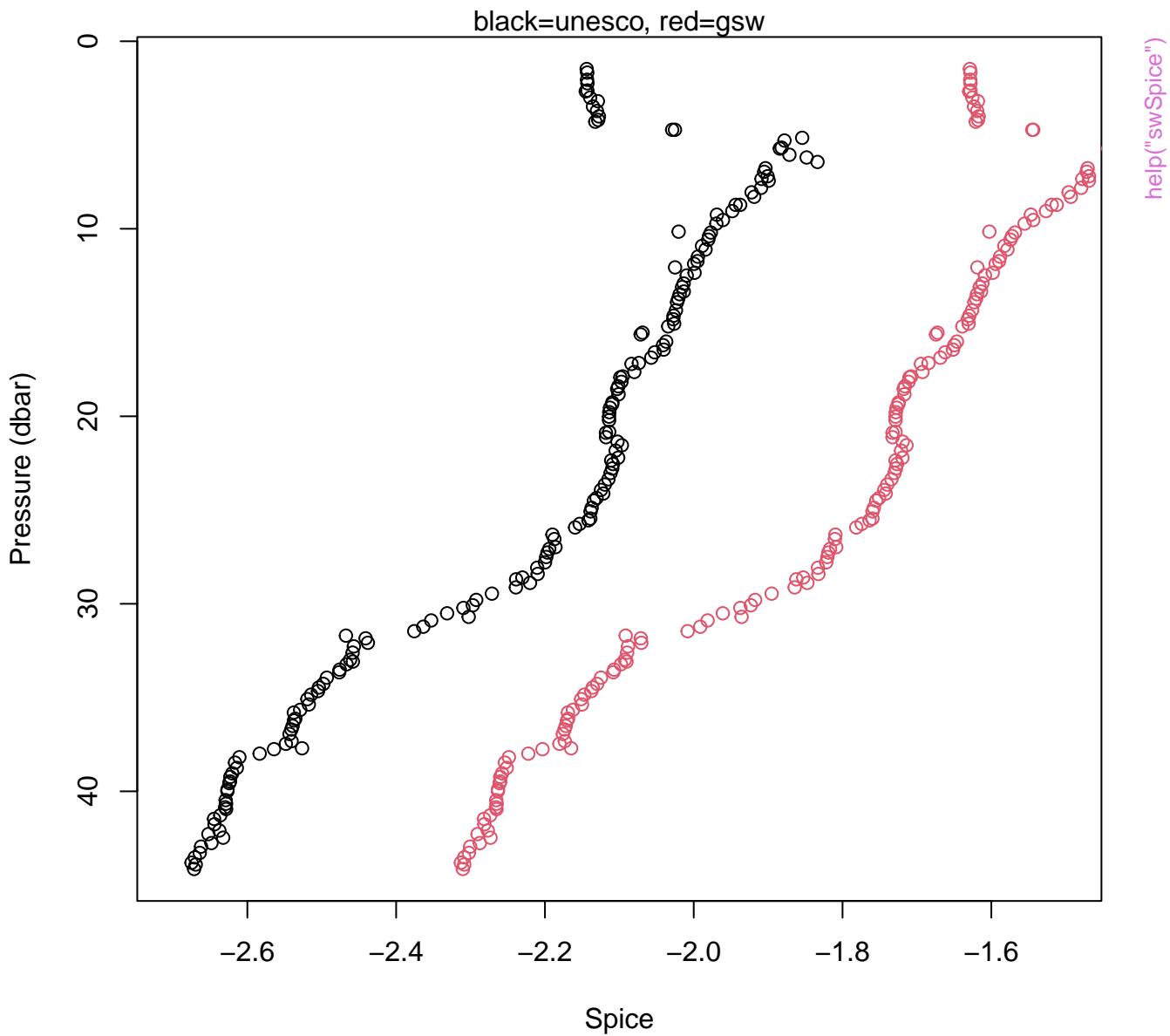
help("subset-xbt-method")

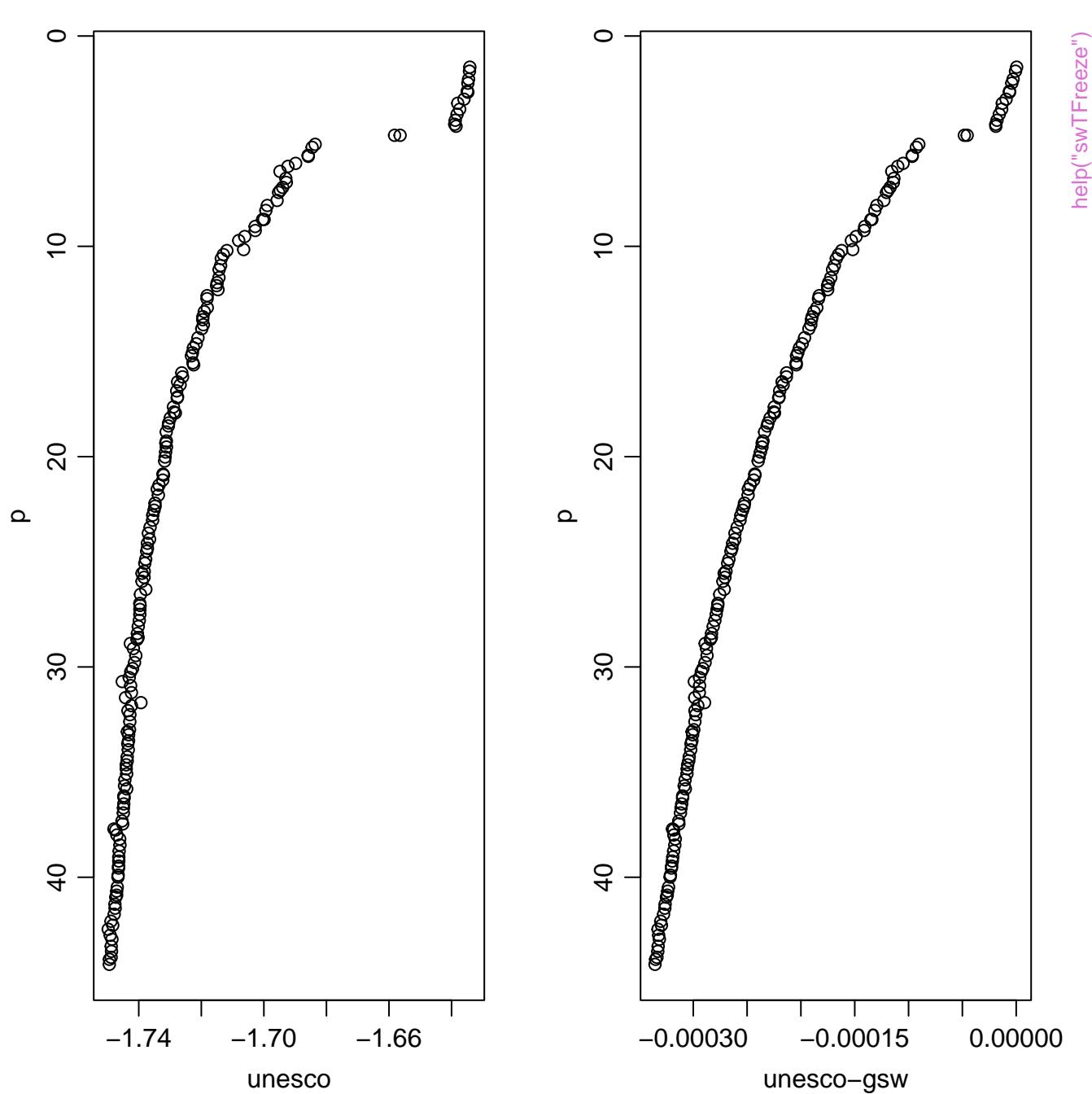


help("swRrho")

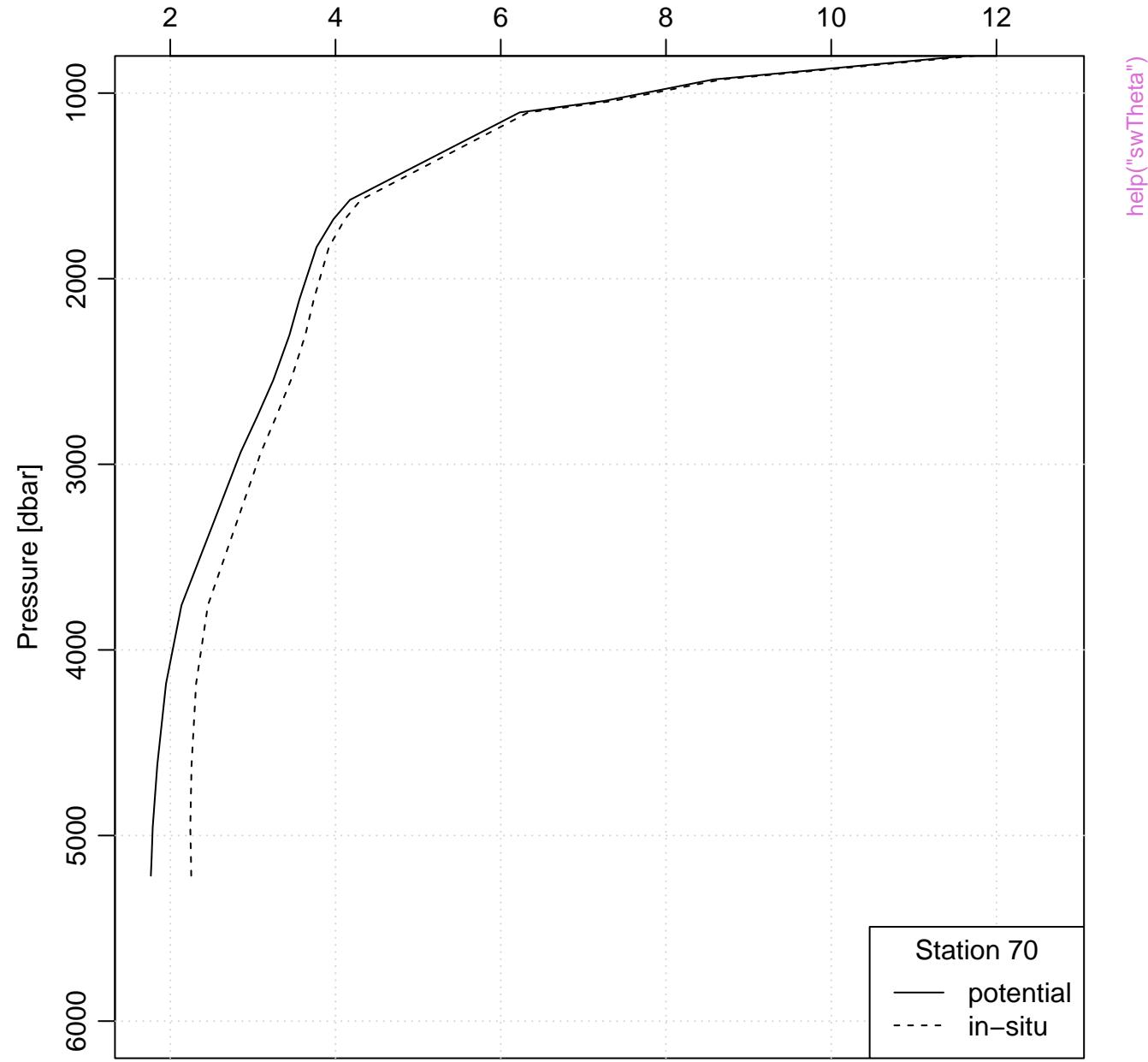




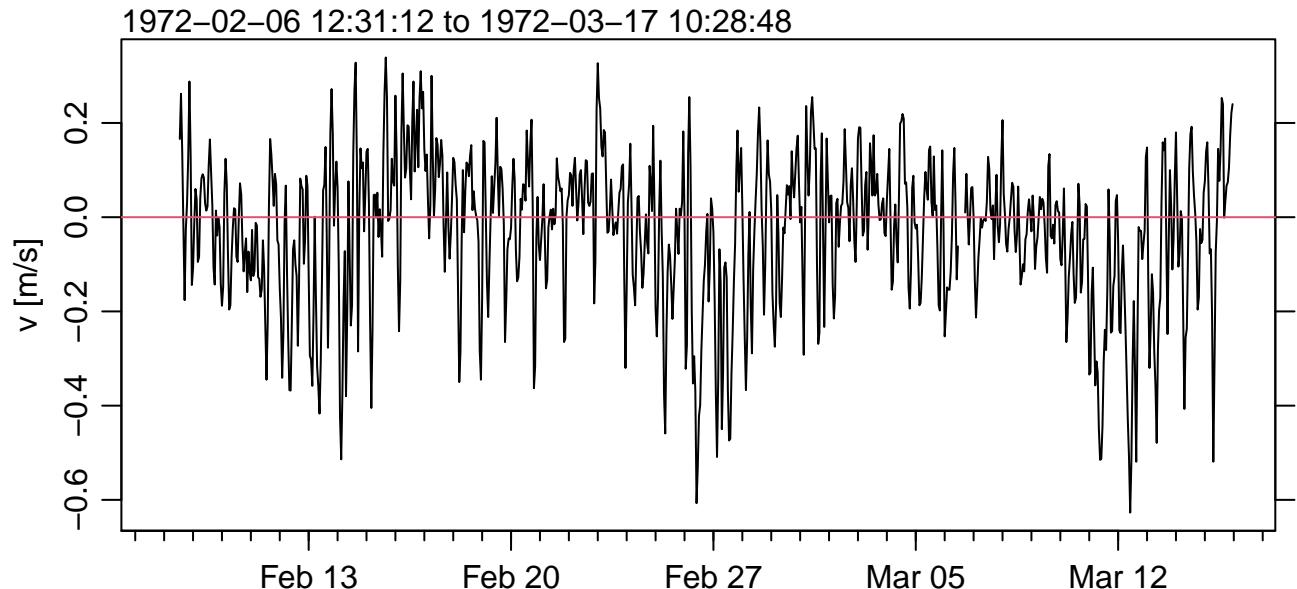
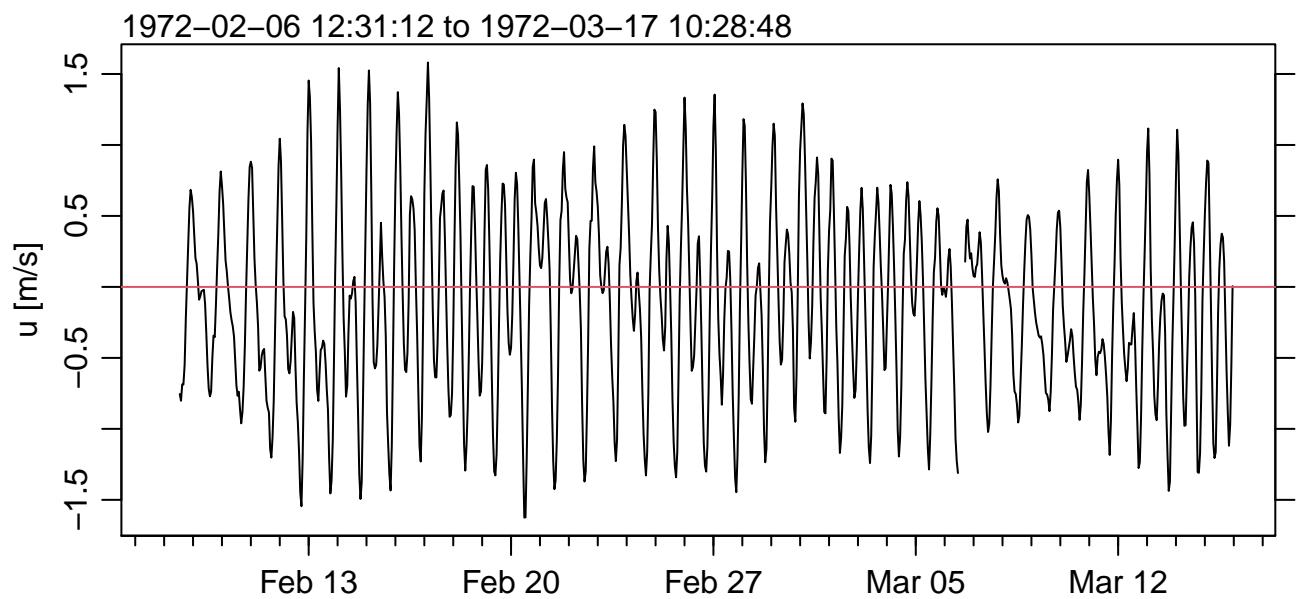




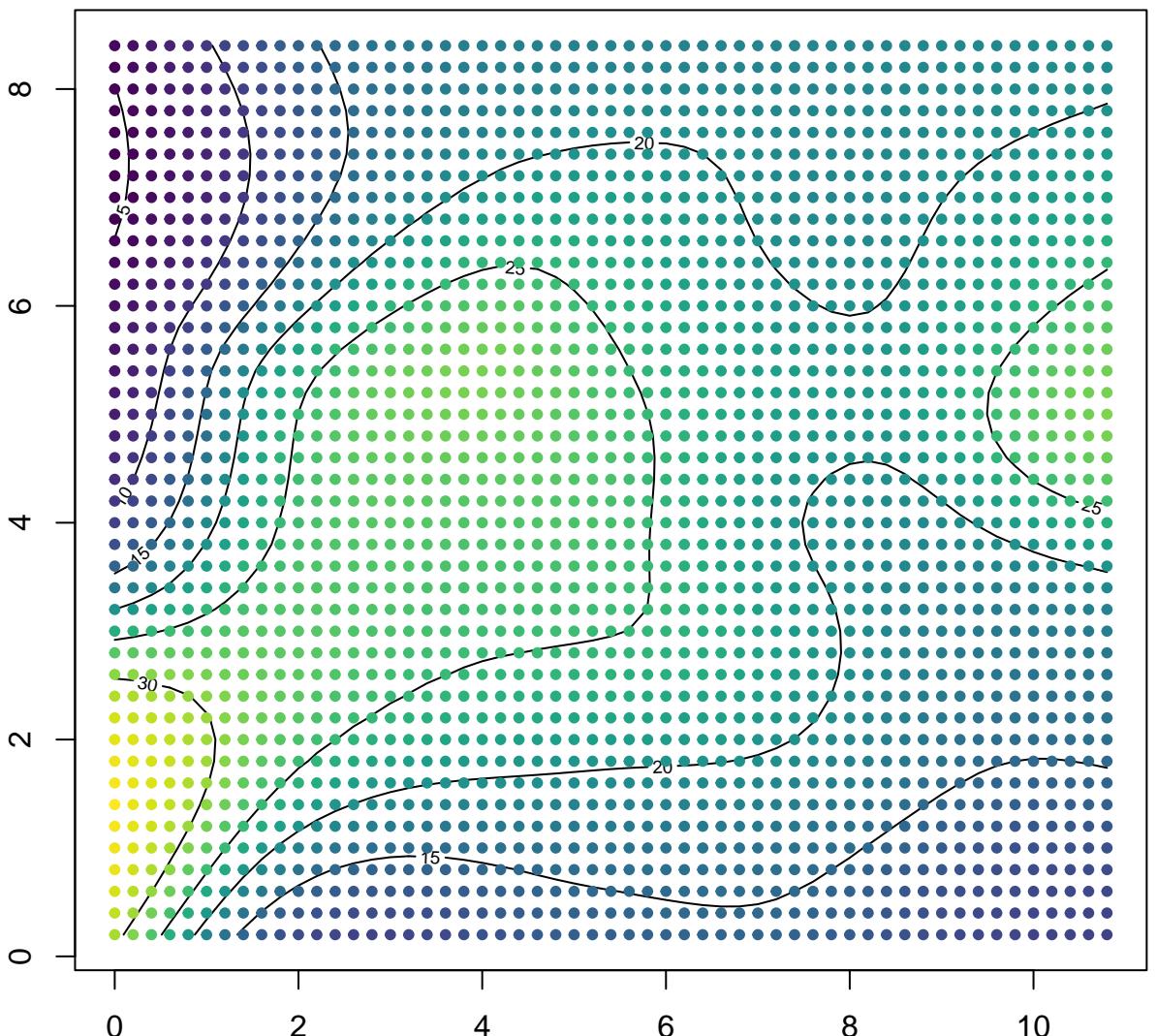
Potential Temperature [$^{\circ}\text{C}$]



help("help(CiudadAvrent)")



help("ungrid")

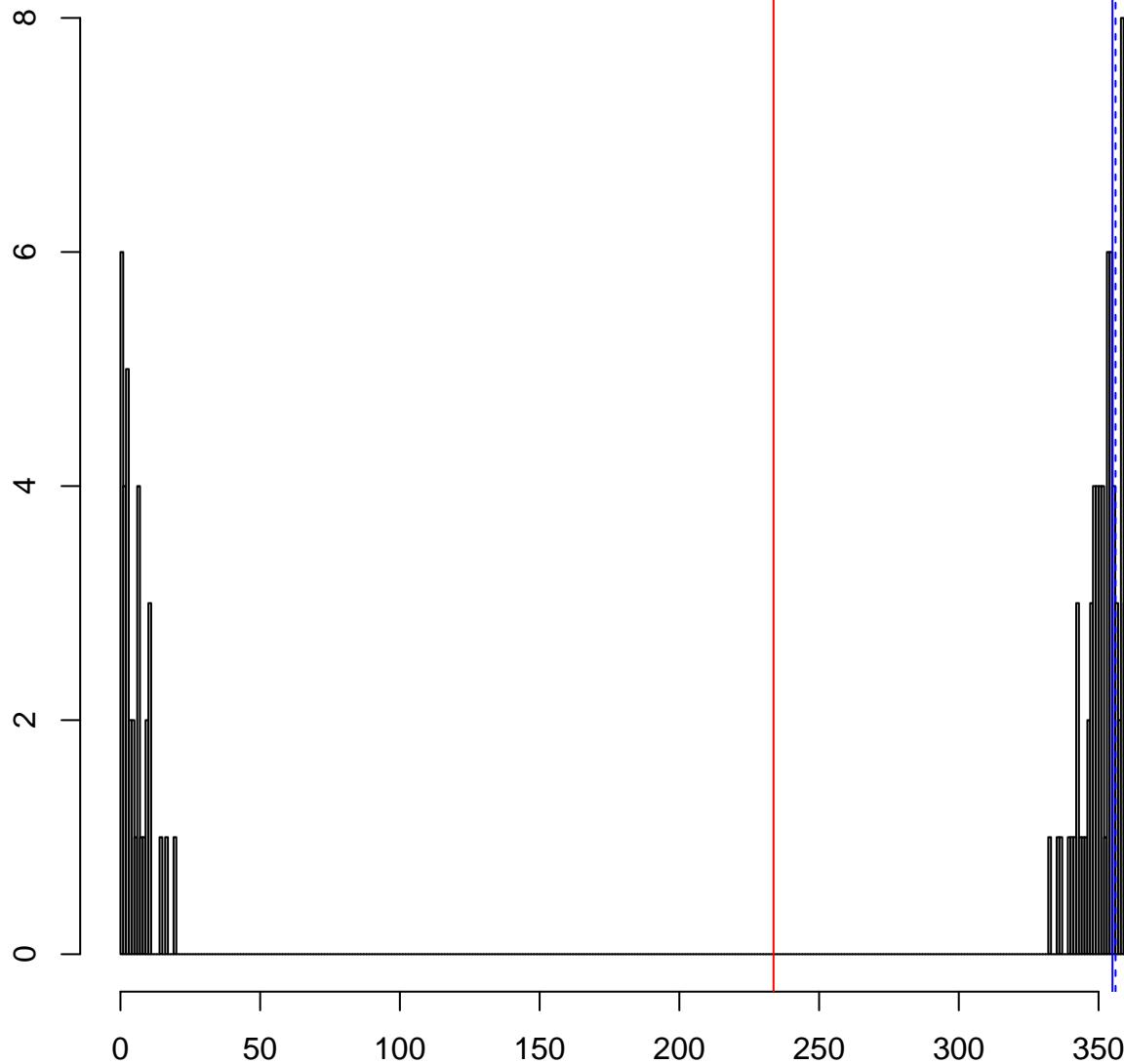


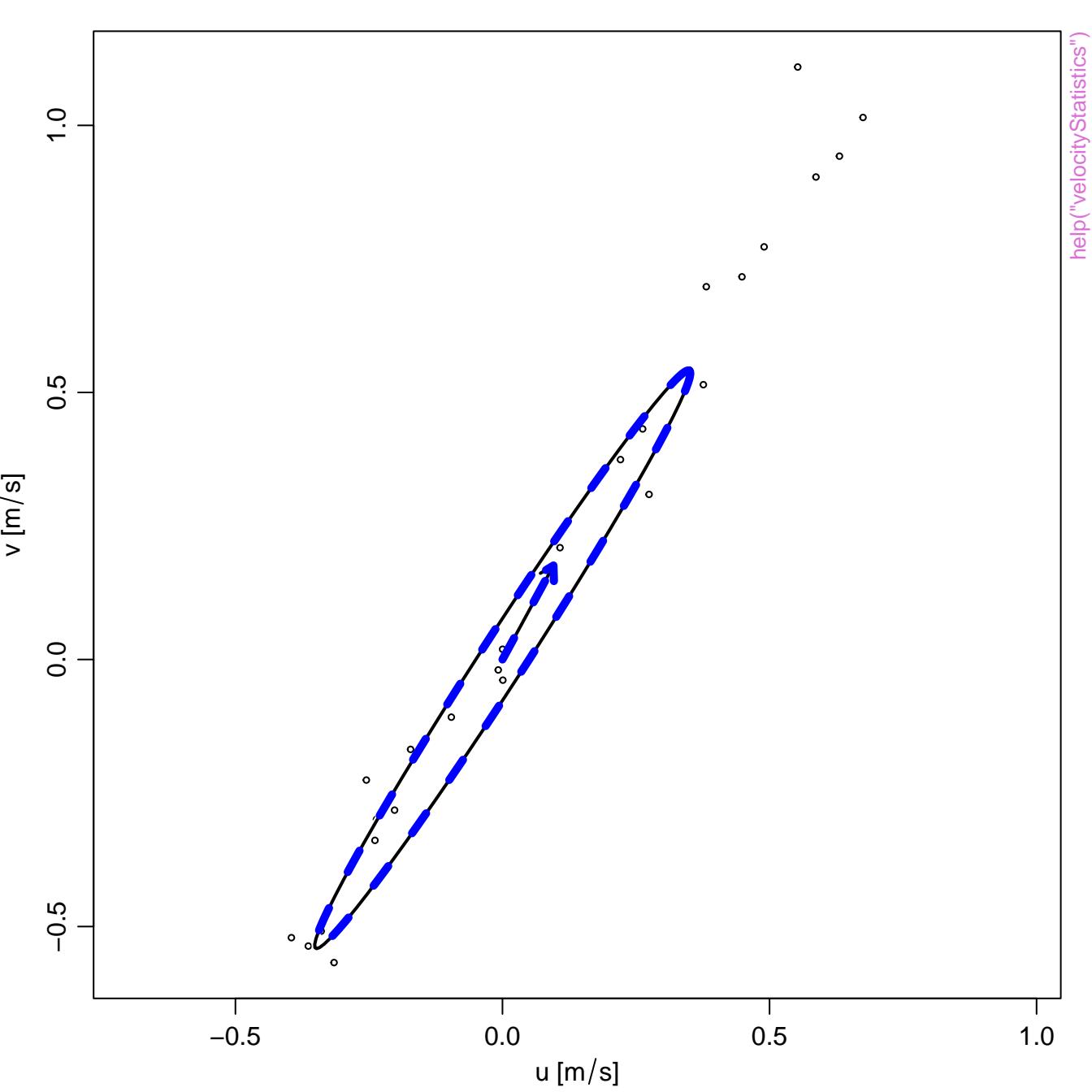
Histogram of a

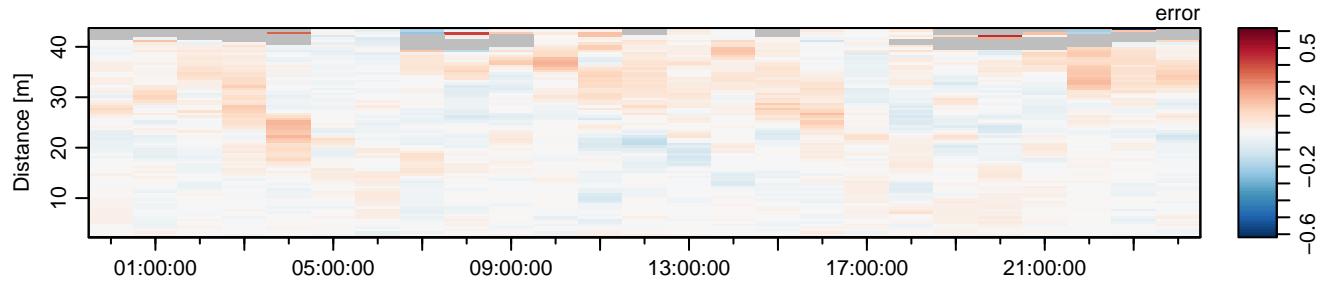
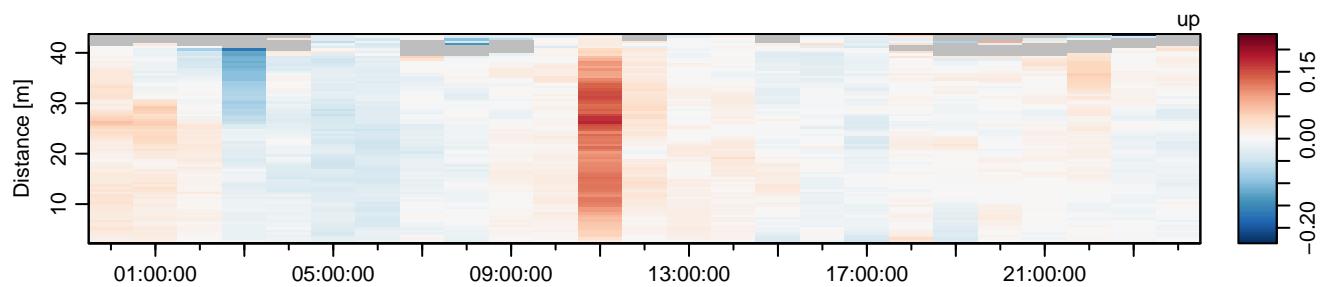
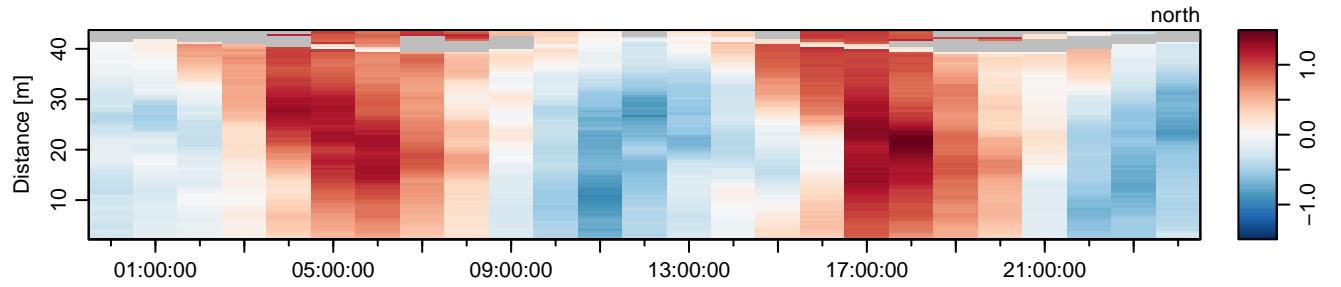
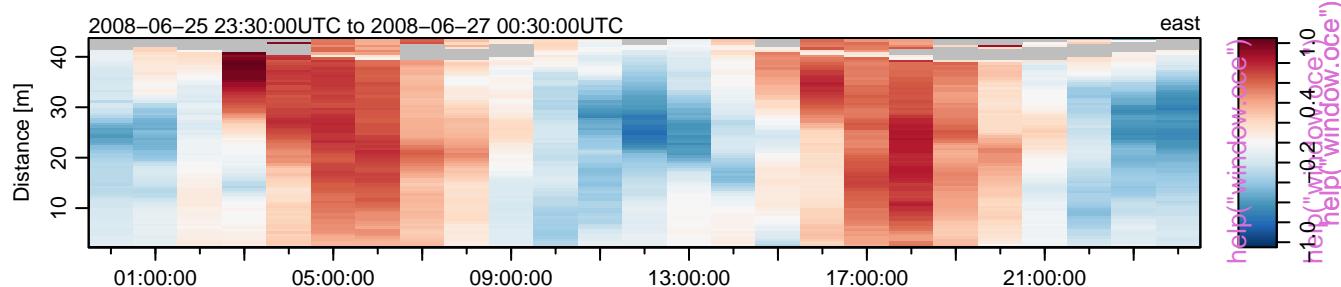
mean

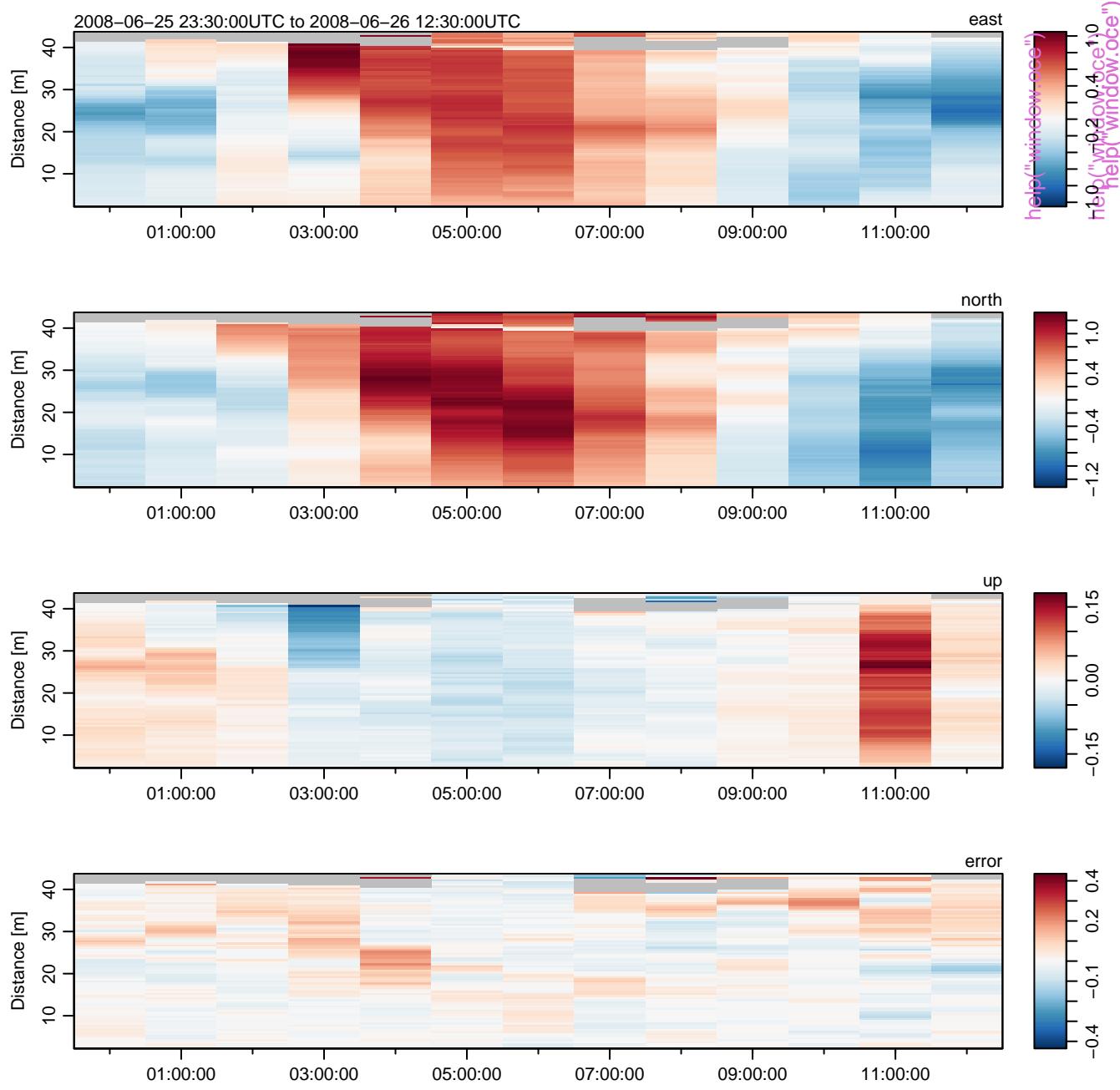
true (solid)
estimate (dashed)

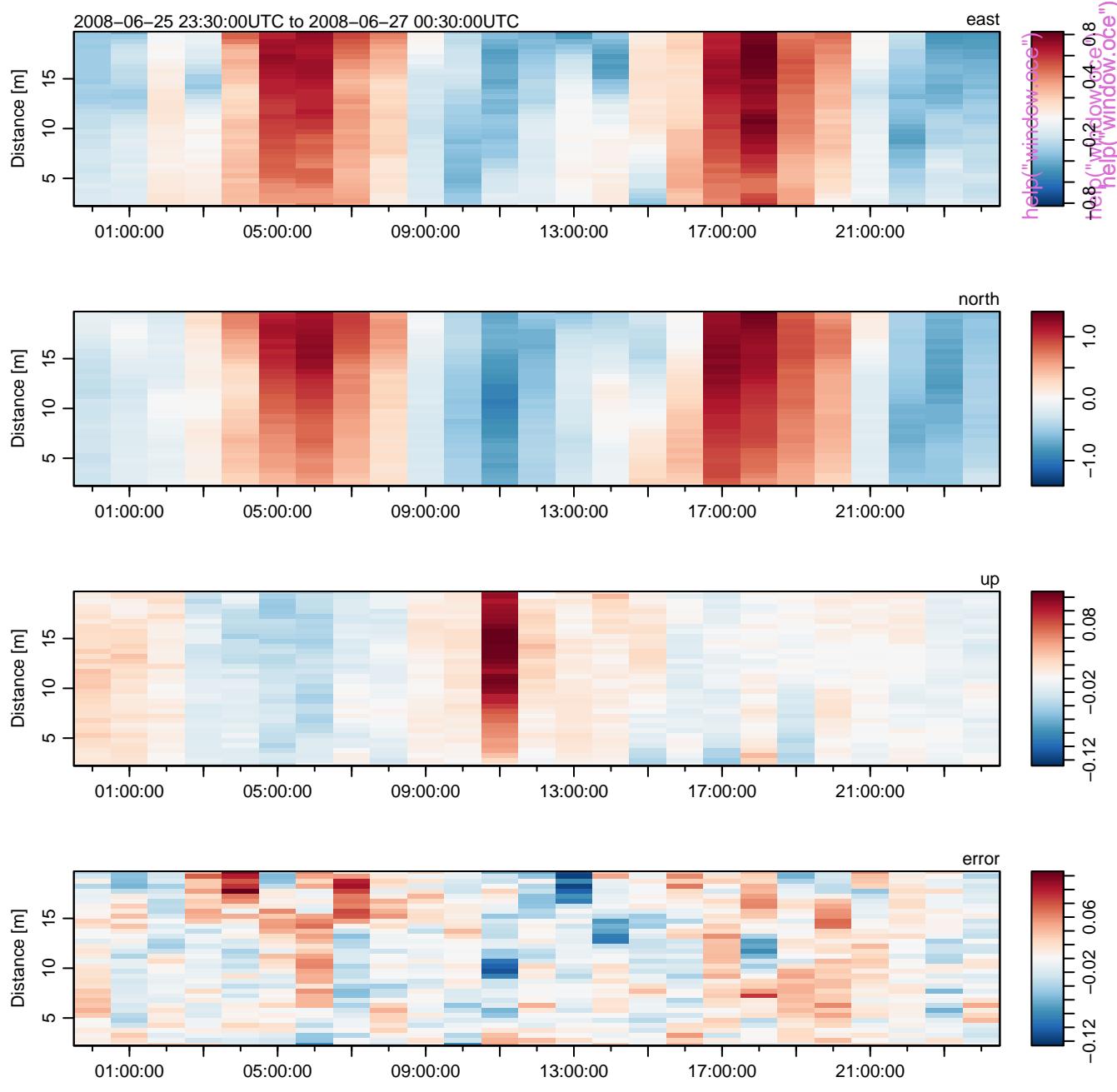
help("unwrapAngle")











Temperature [°C]

20.900

20.902

20.904

20.906

20.908

20.910

z [m]

-5.5

-6.0

-6.5

-7.0

-7.5

-8.0

-8.5

help("xbt")

