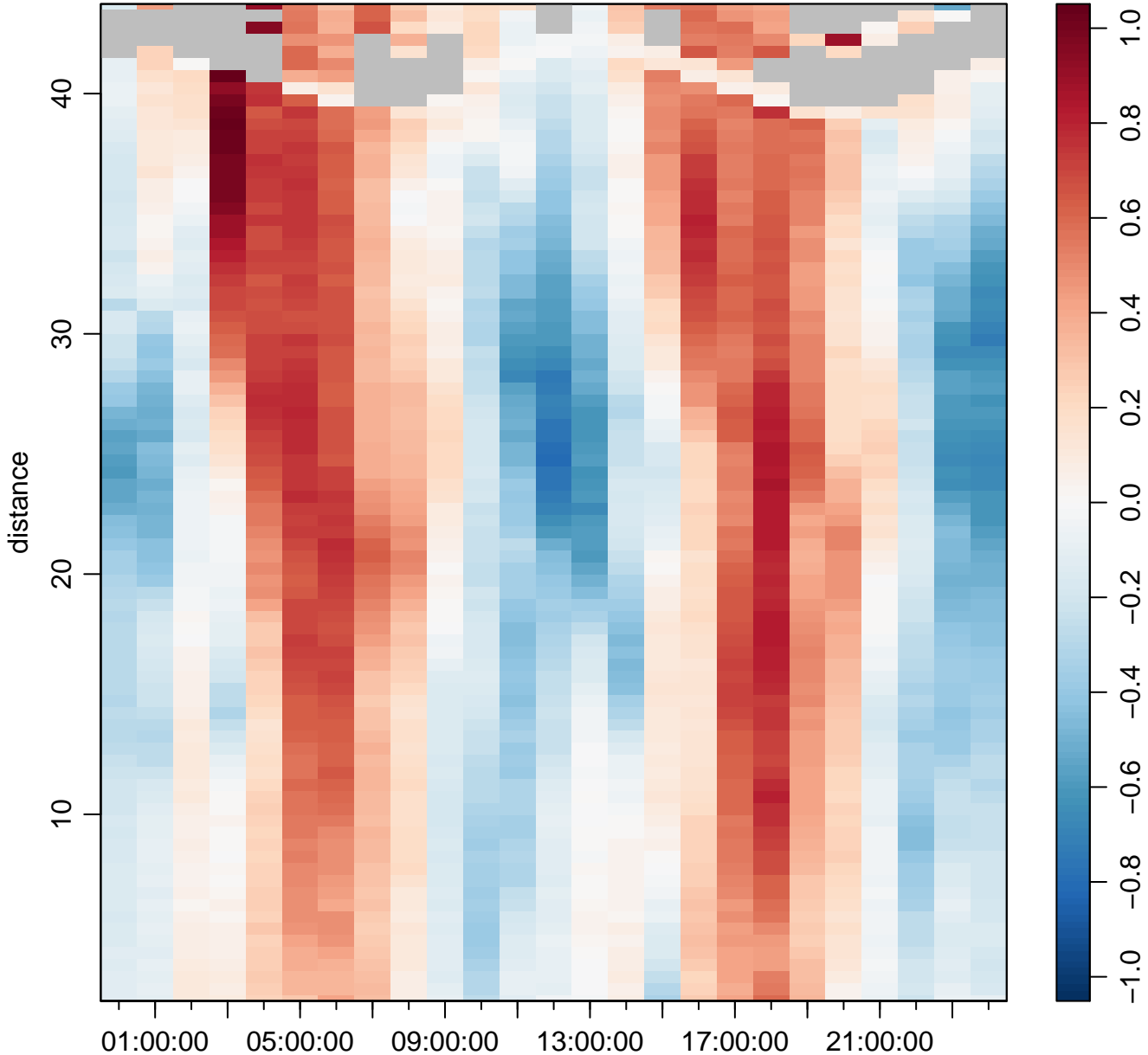


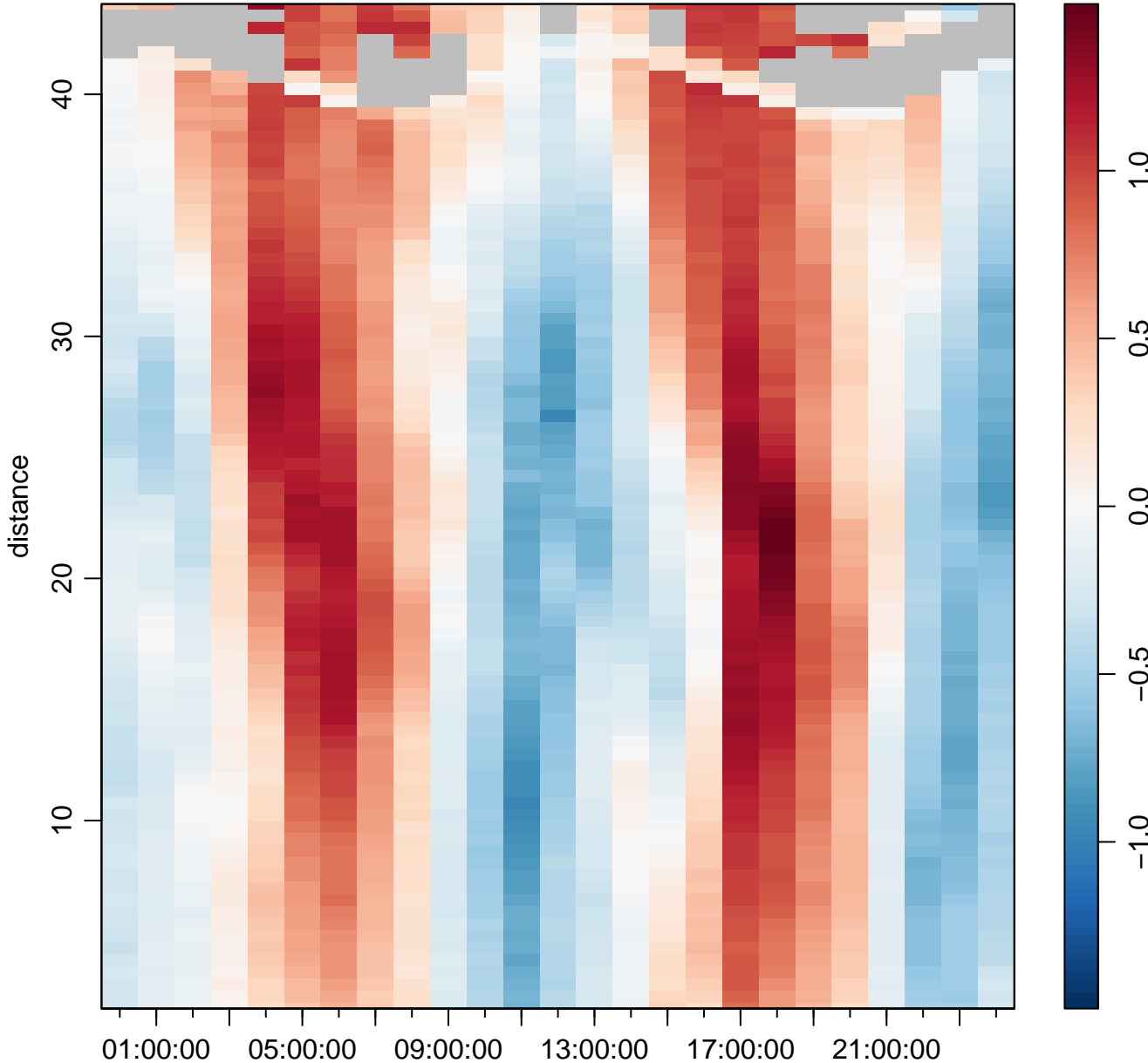
2008-06-25 23:30:00 to 2008-06-27 00:30:00UTC

east



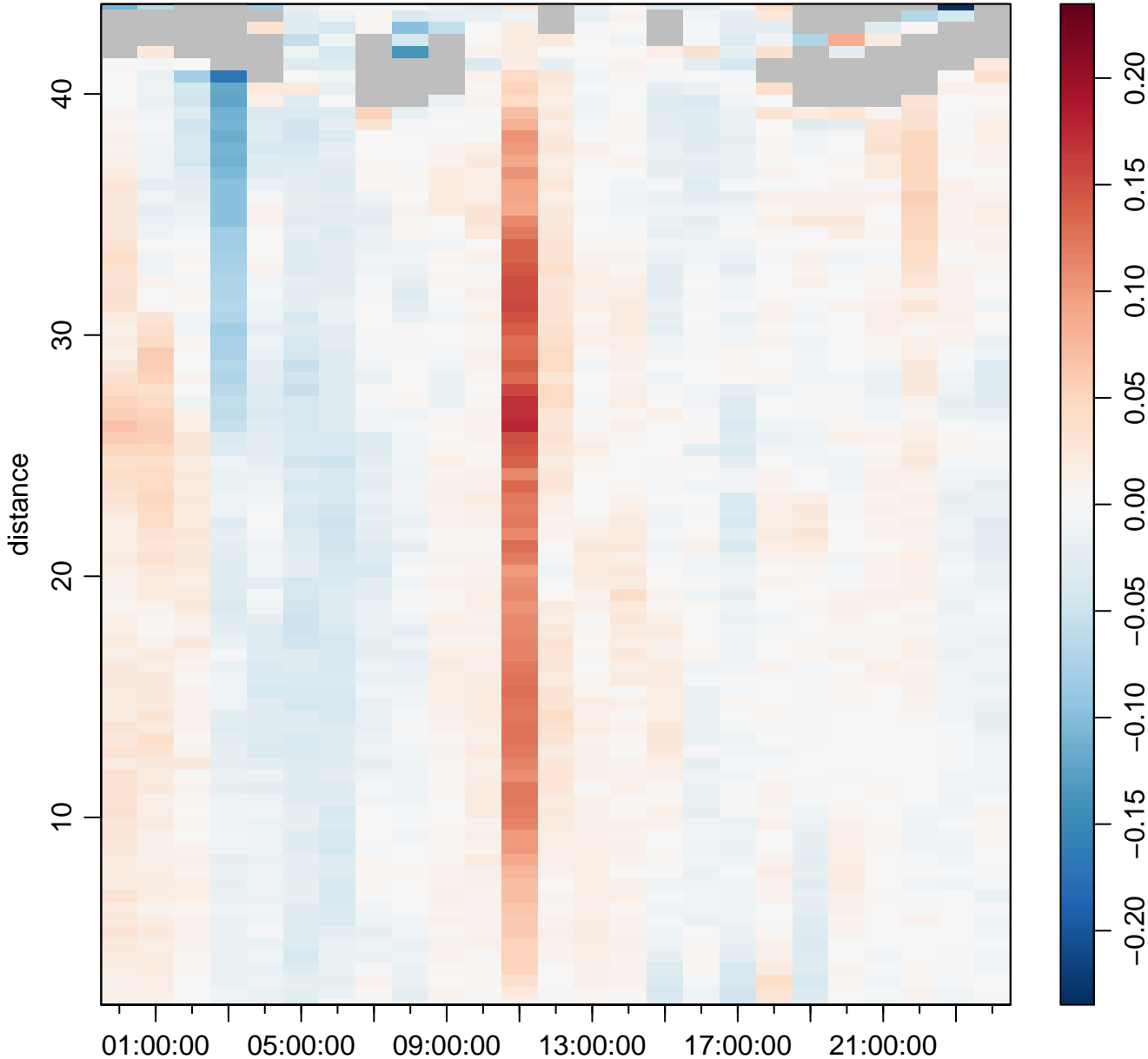
2008-06-25 23:30:00 to 2008-06-27 00:30:00UTC

north



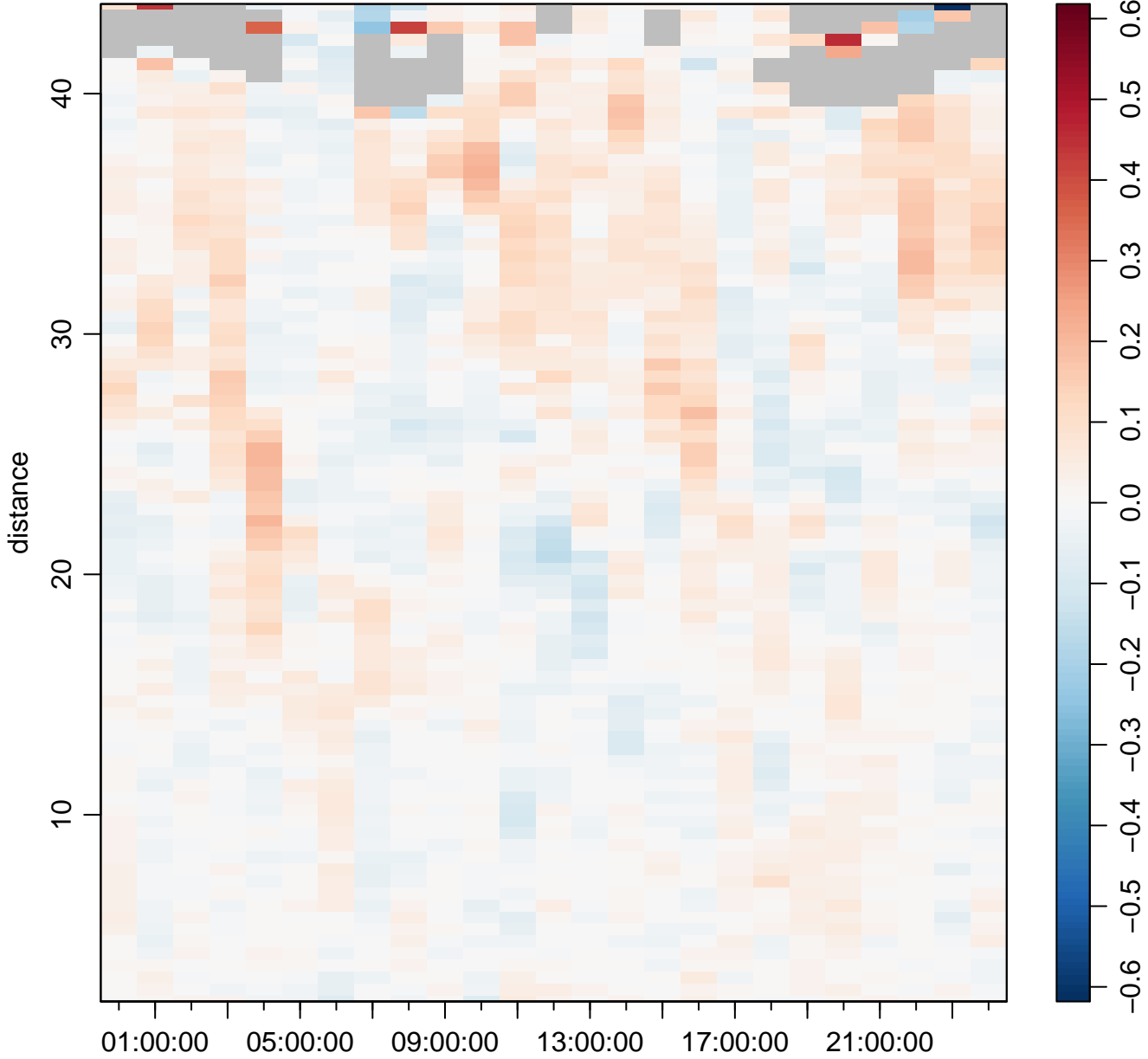
2008-06-25 23:30:00 to 2008-06-27 00:30:00UTC

up



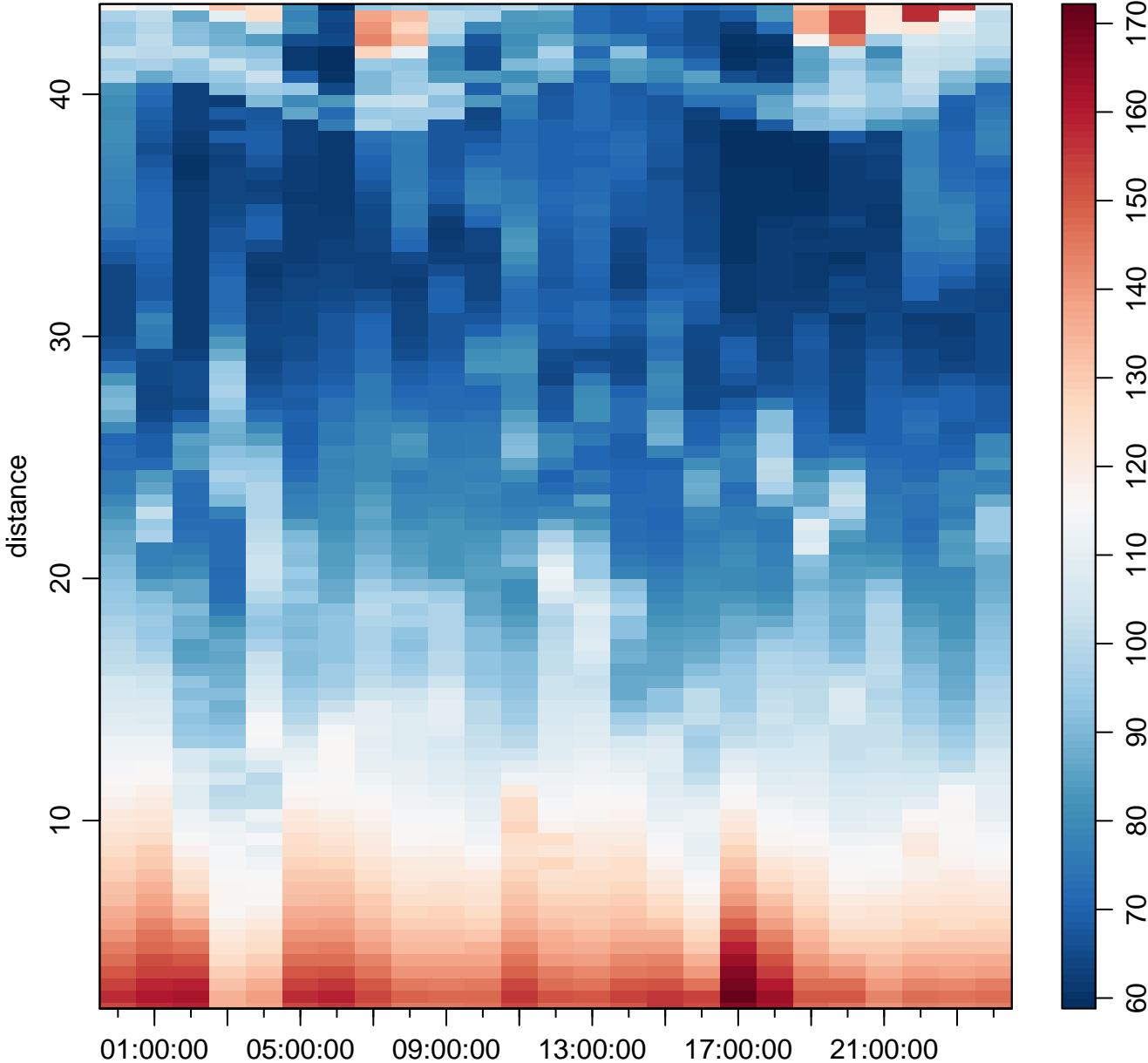
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error



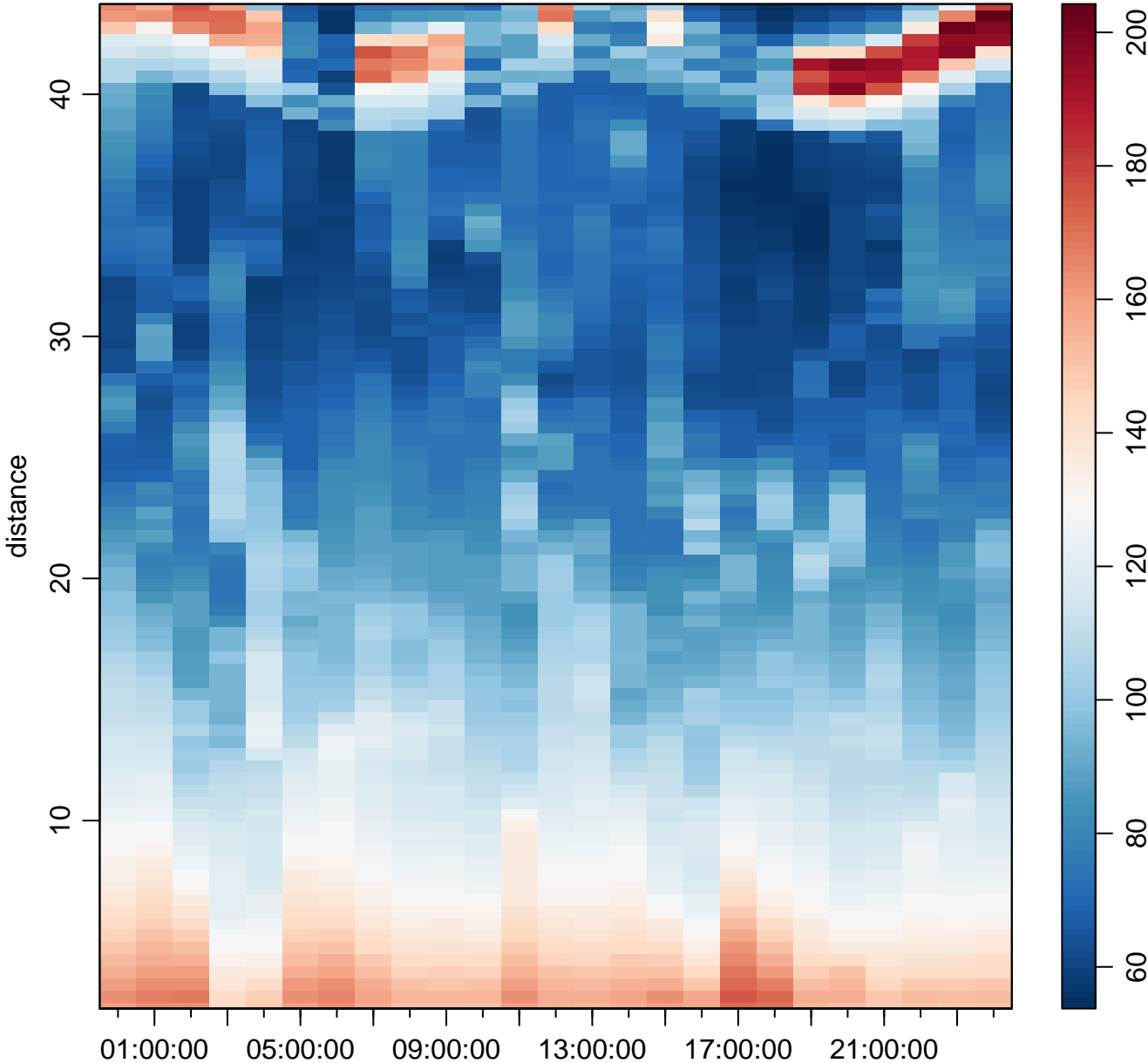
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a_1



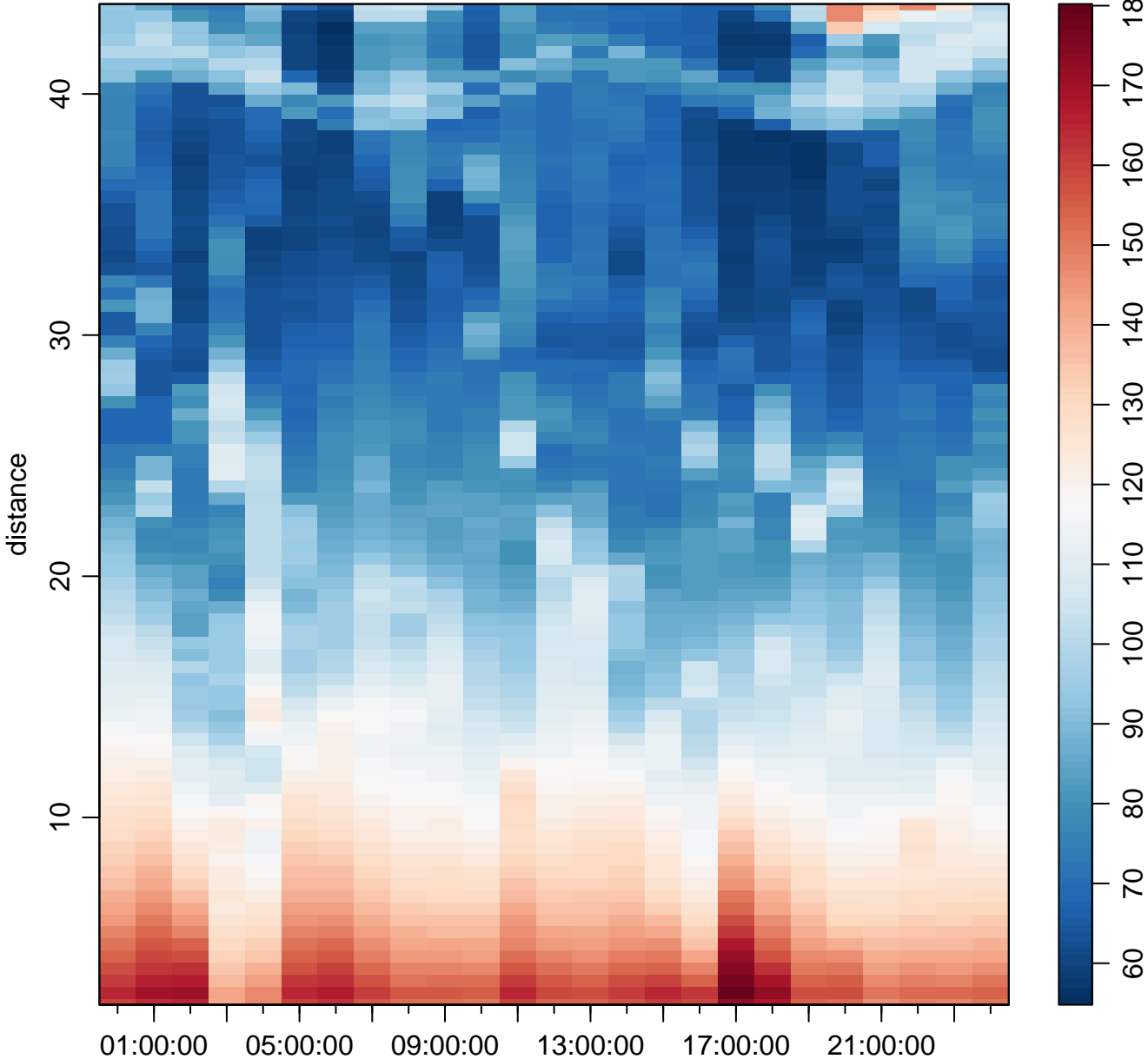
2008-06-25 23:30:00 to 2008-06-27 00:30:00UTC

a_2



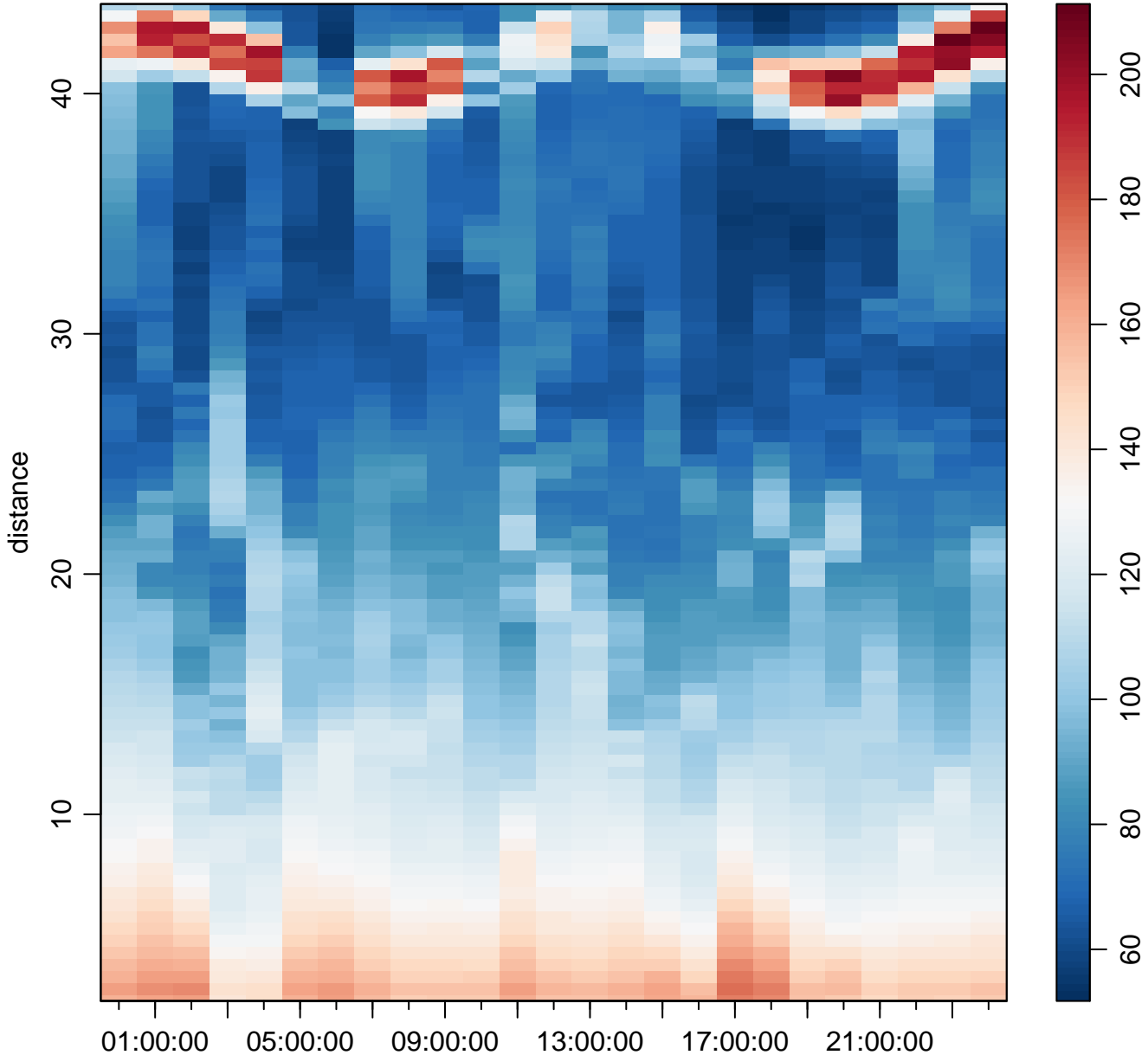
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a_3



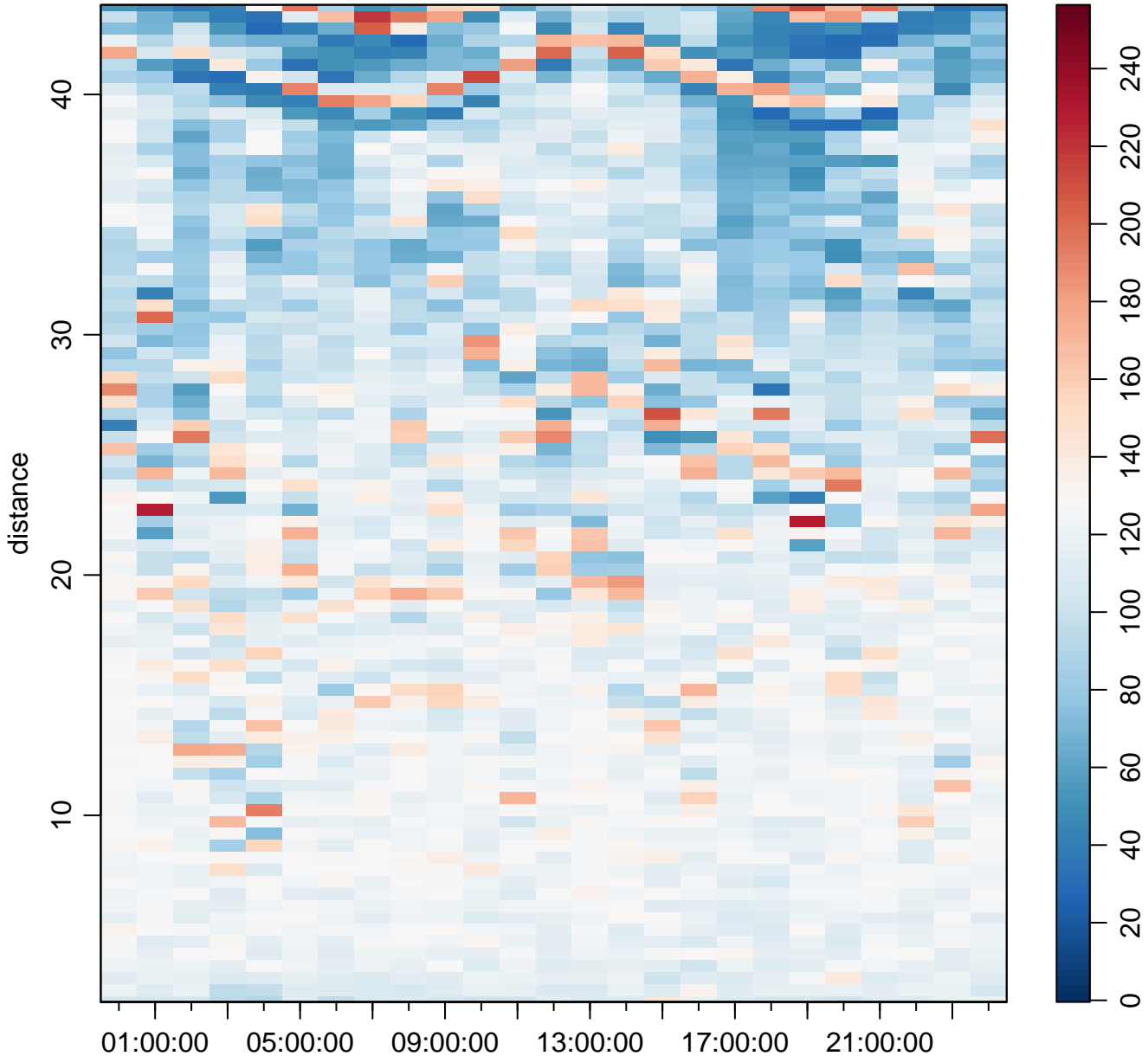
2008-06-25 23:30:00 to 2008-06-27 00:30:00UTC

a_4



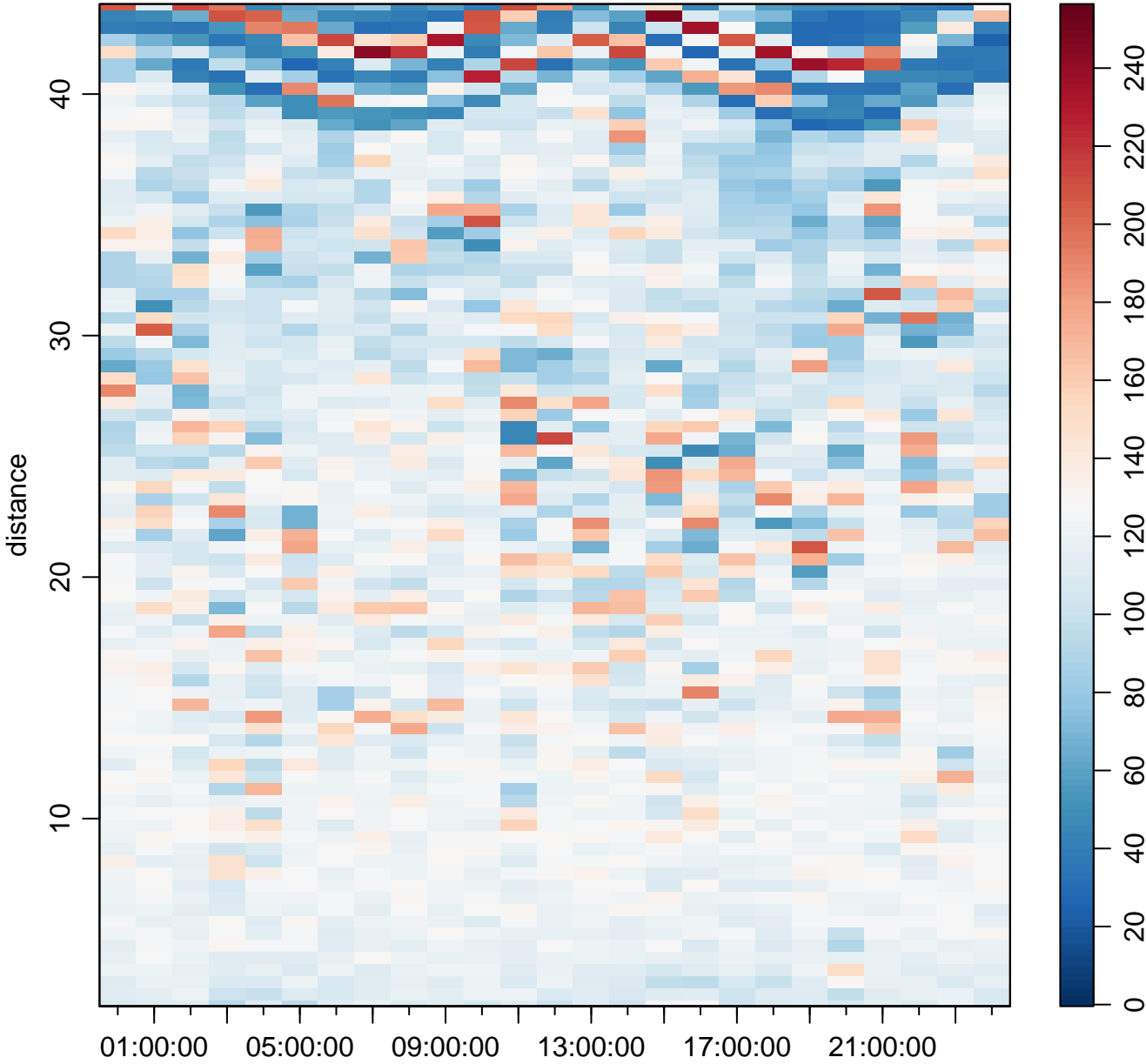
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q_1



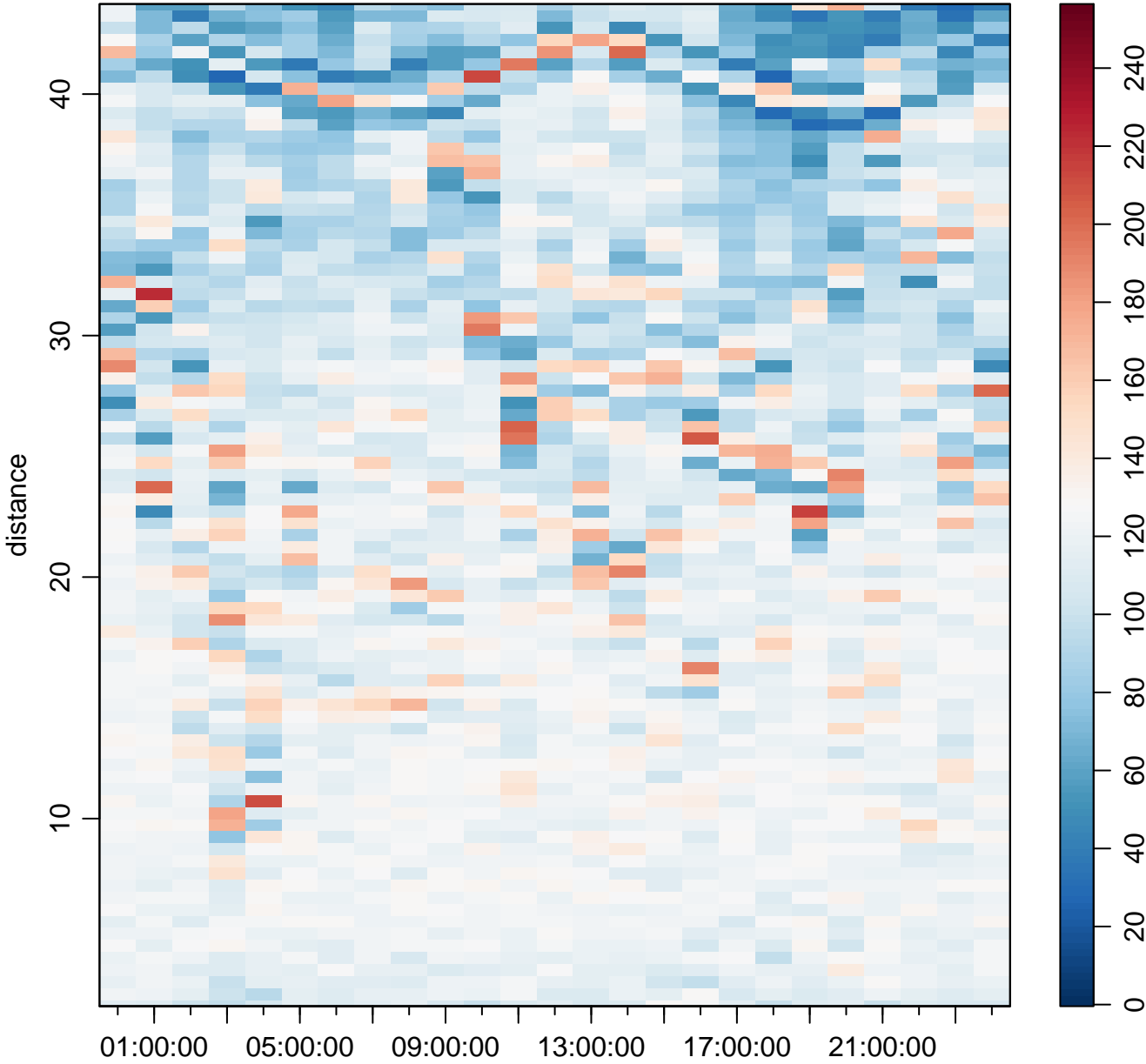
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q_2

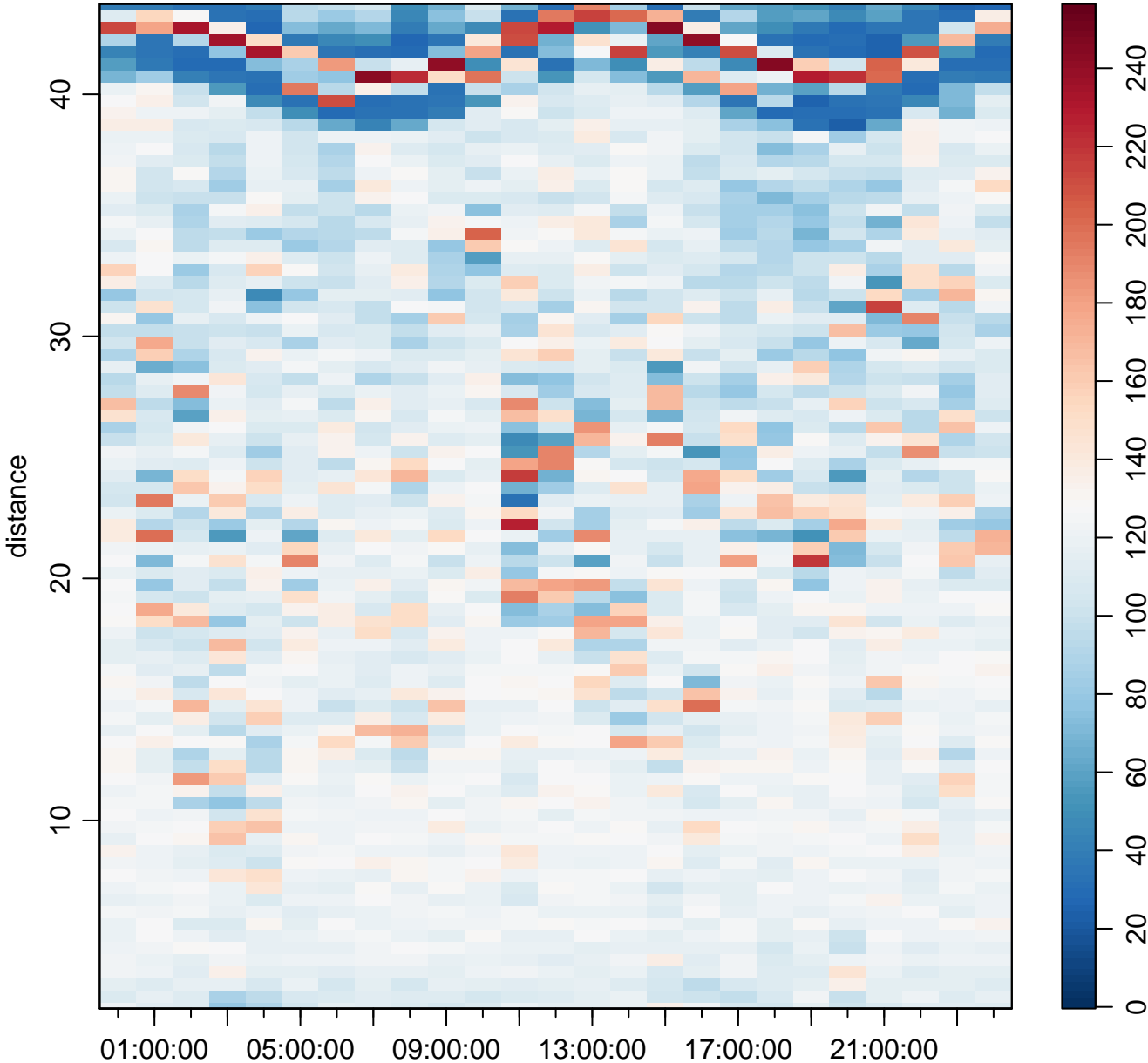


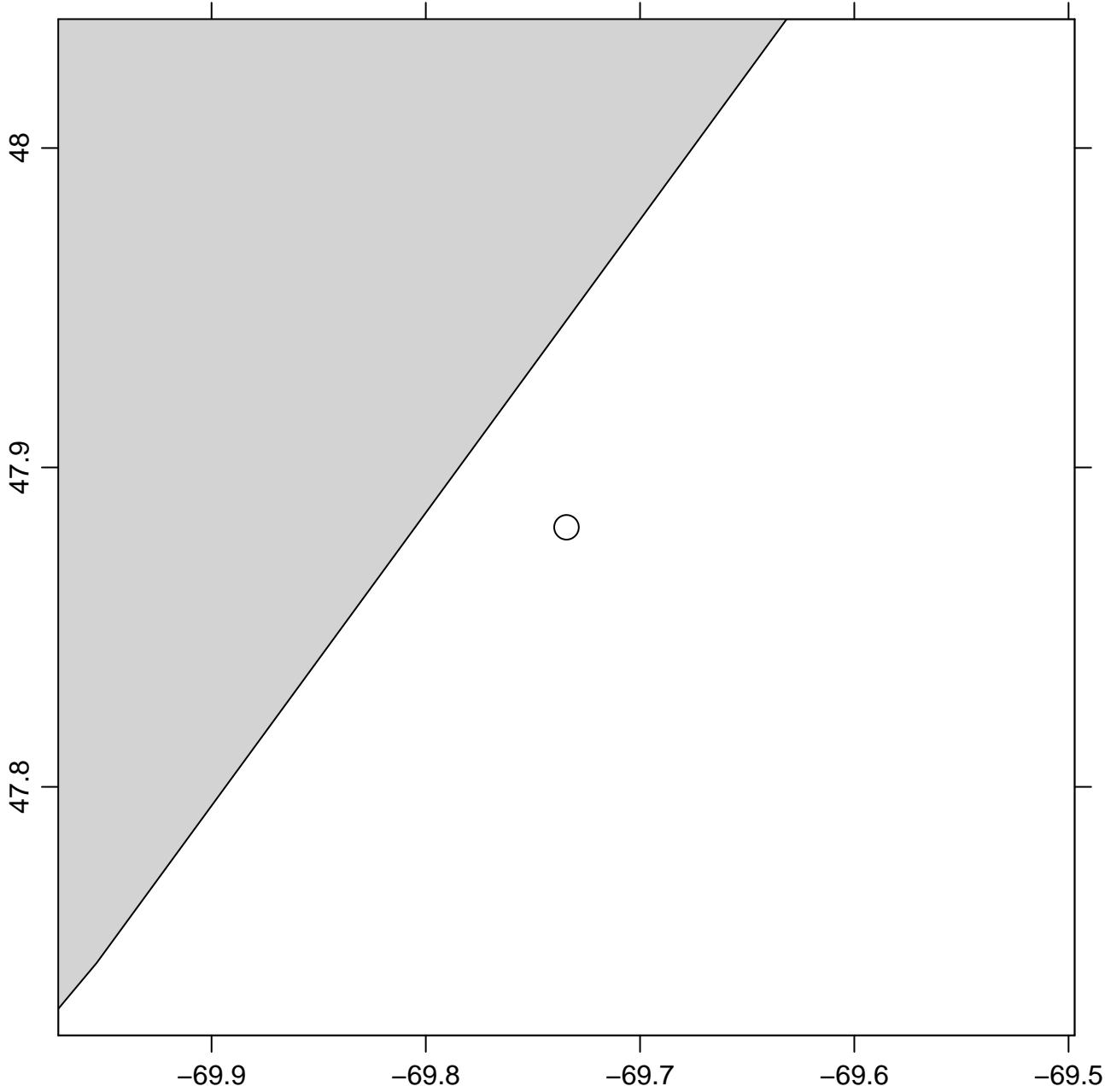
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q_3

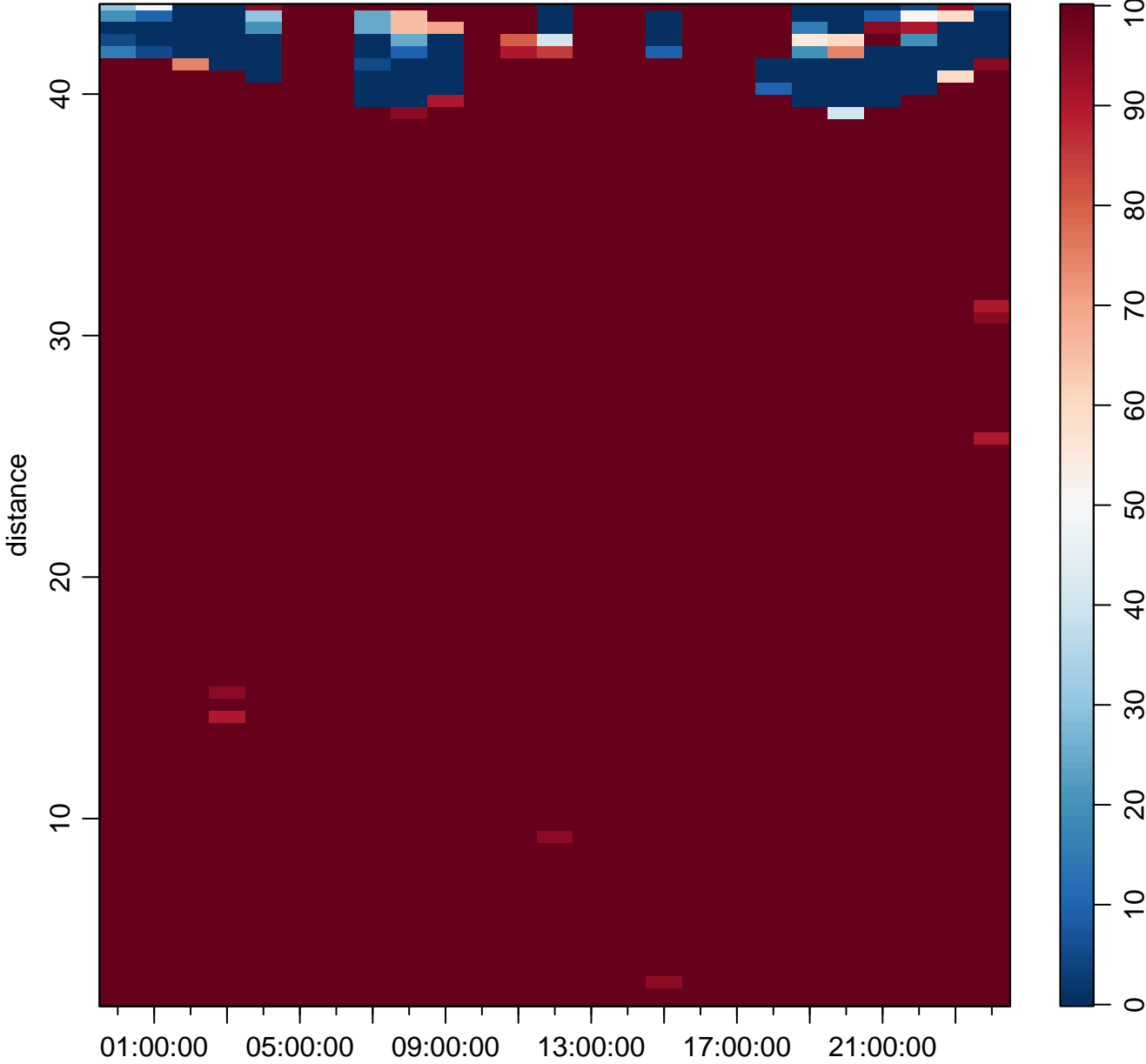


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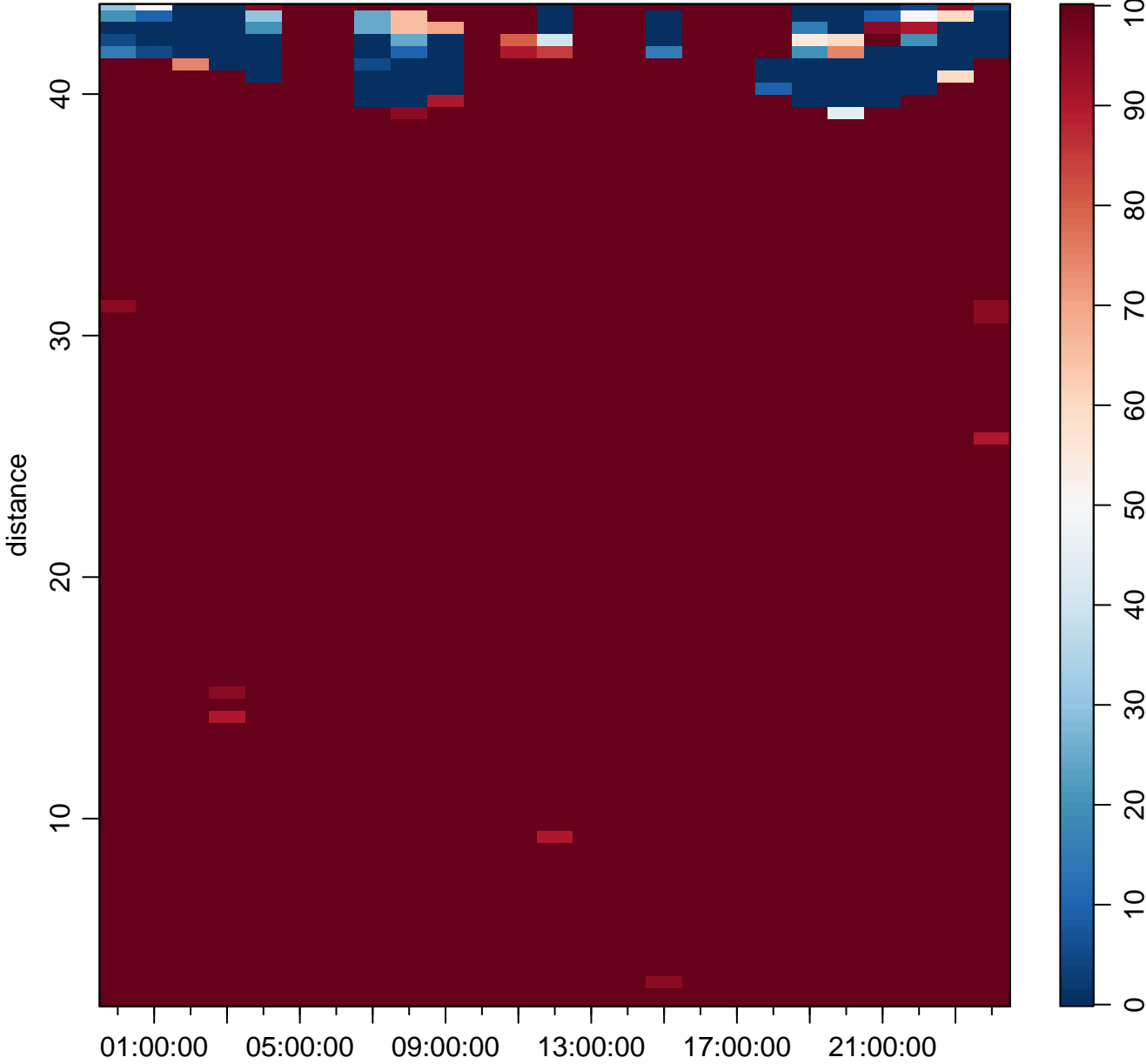




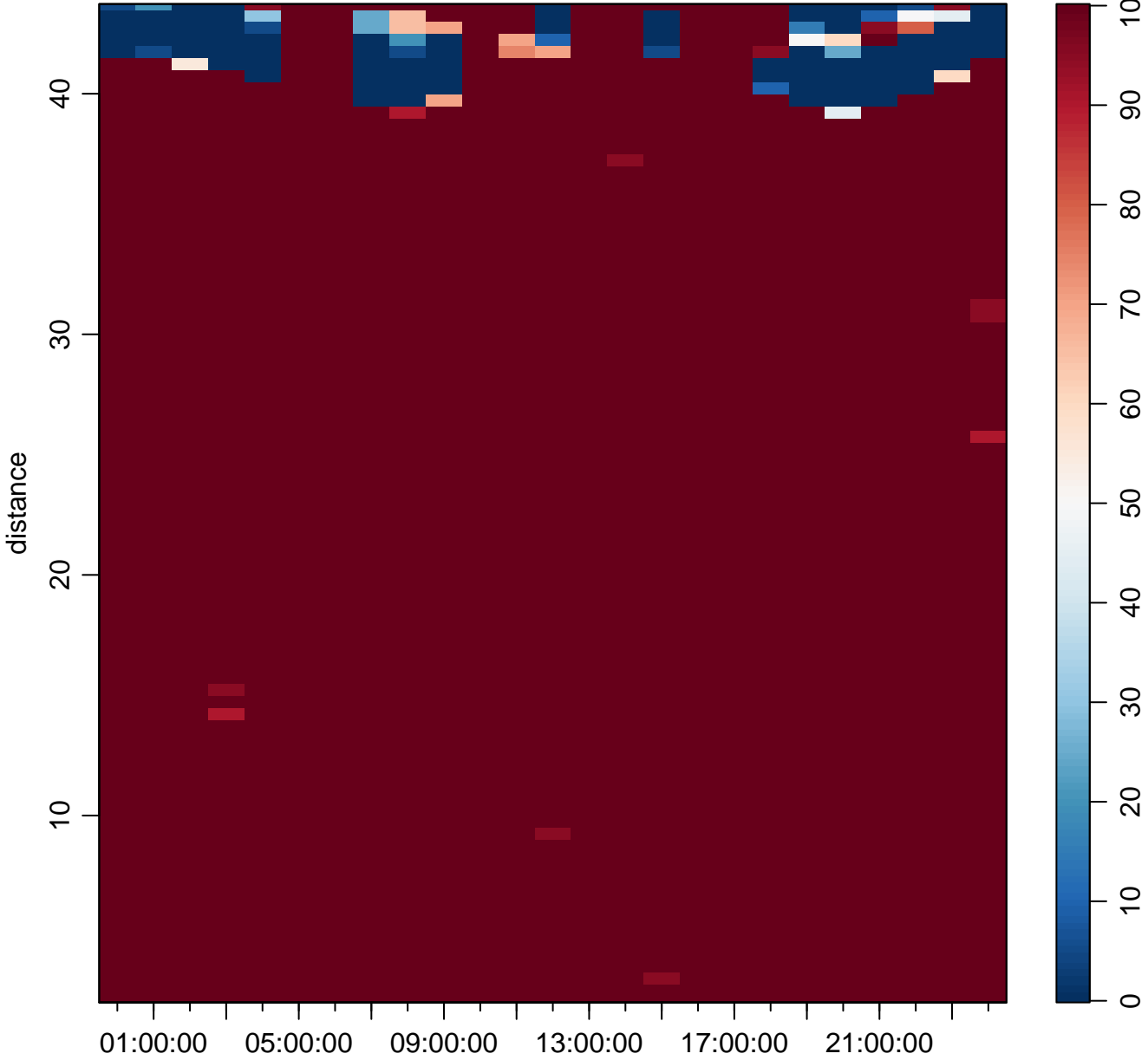
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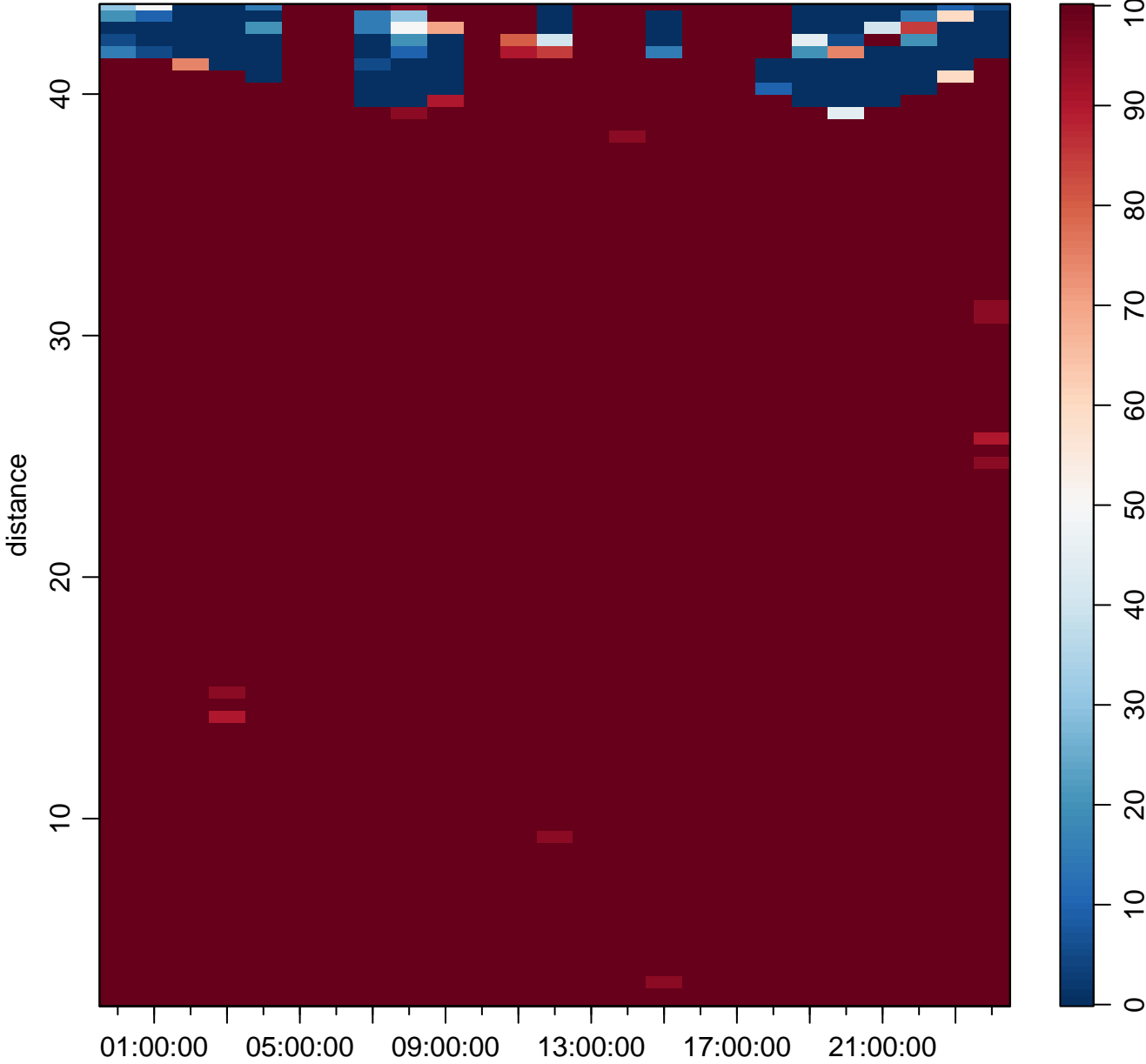
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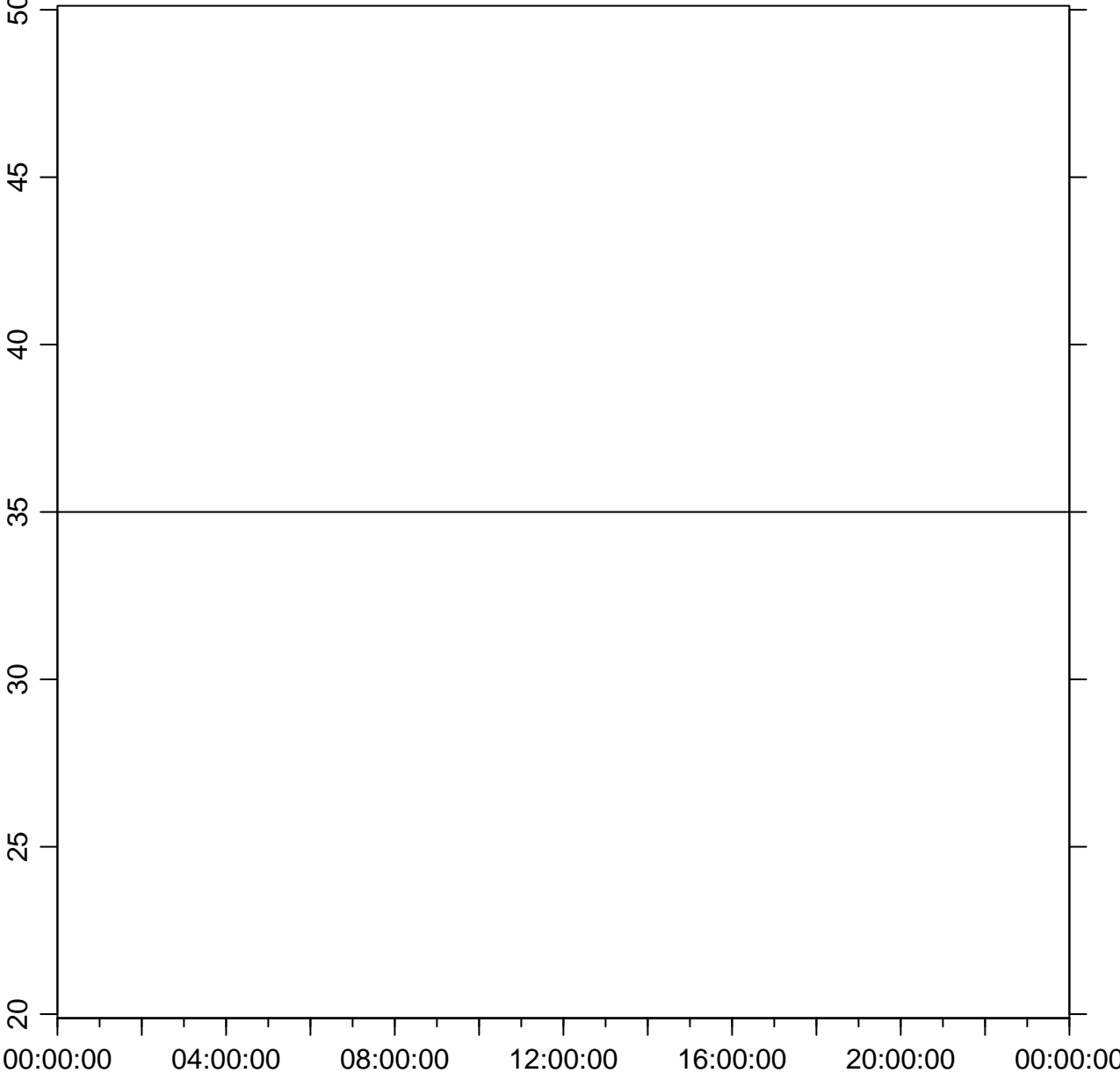


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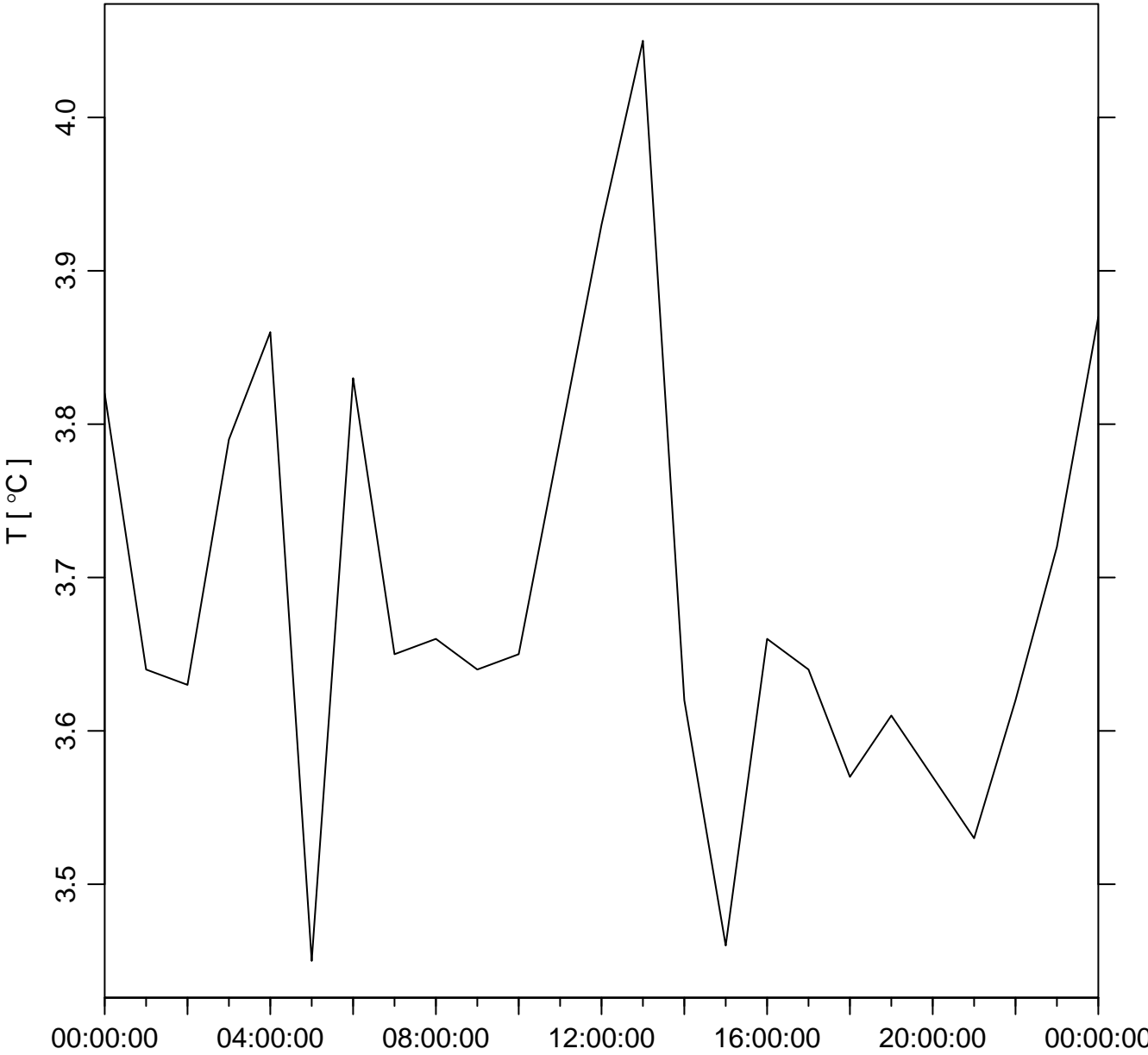


2008-06-26 00:00:00 to 2008-06-27 00:00:00UTC

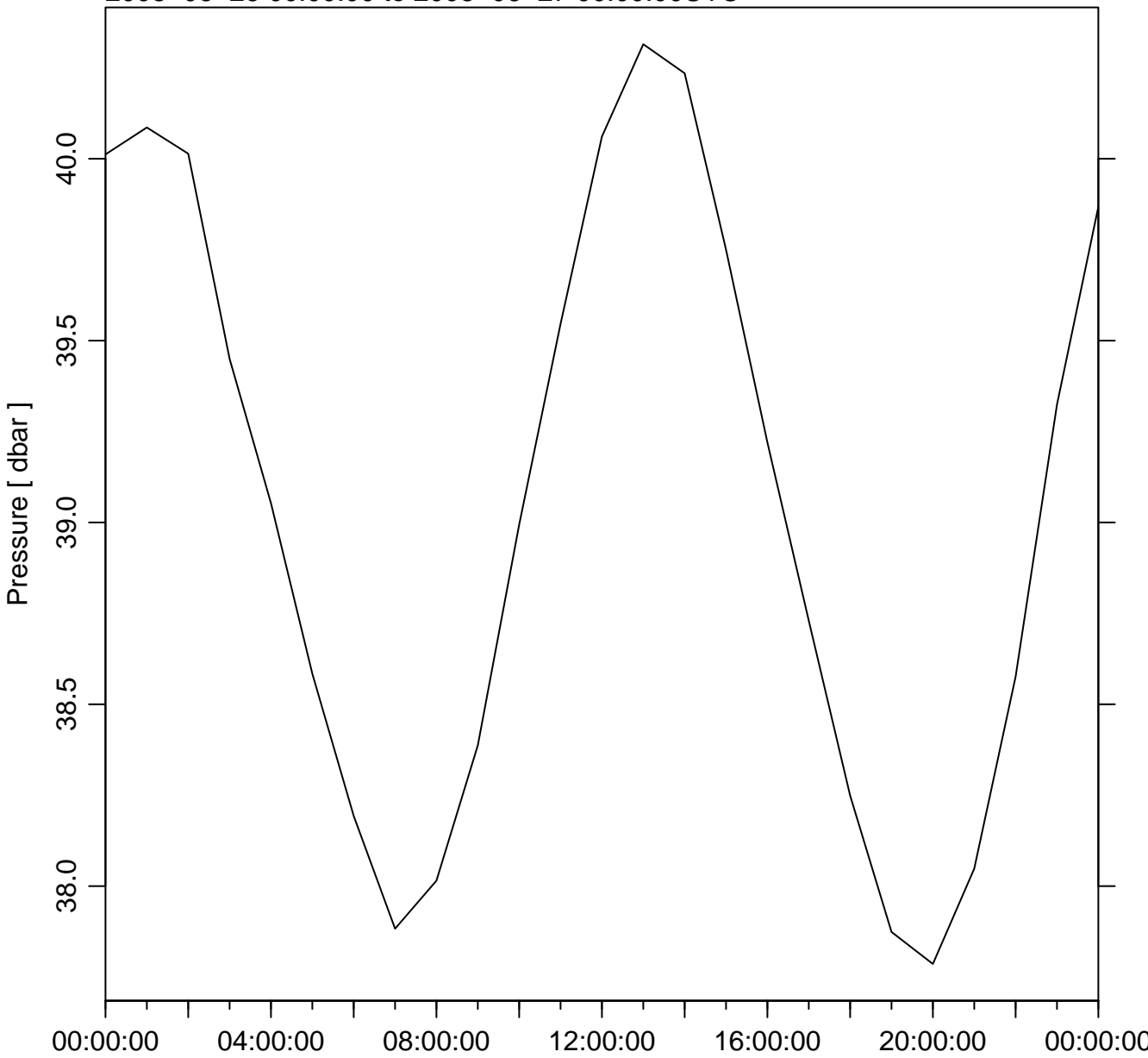
Salinity



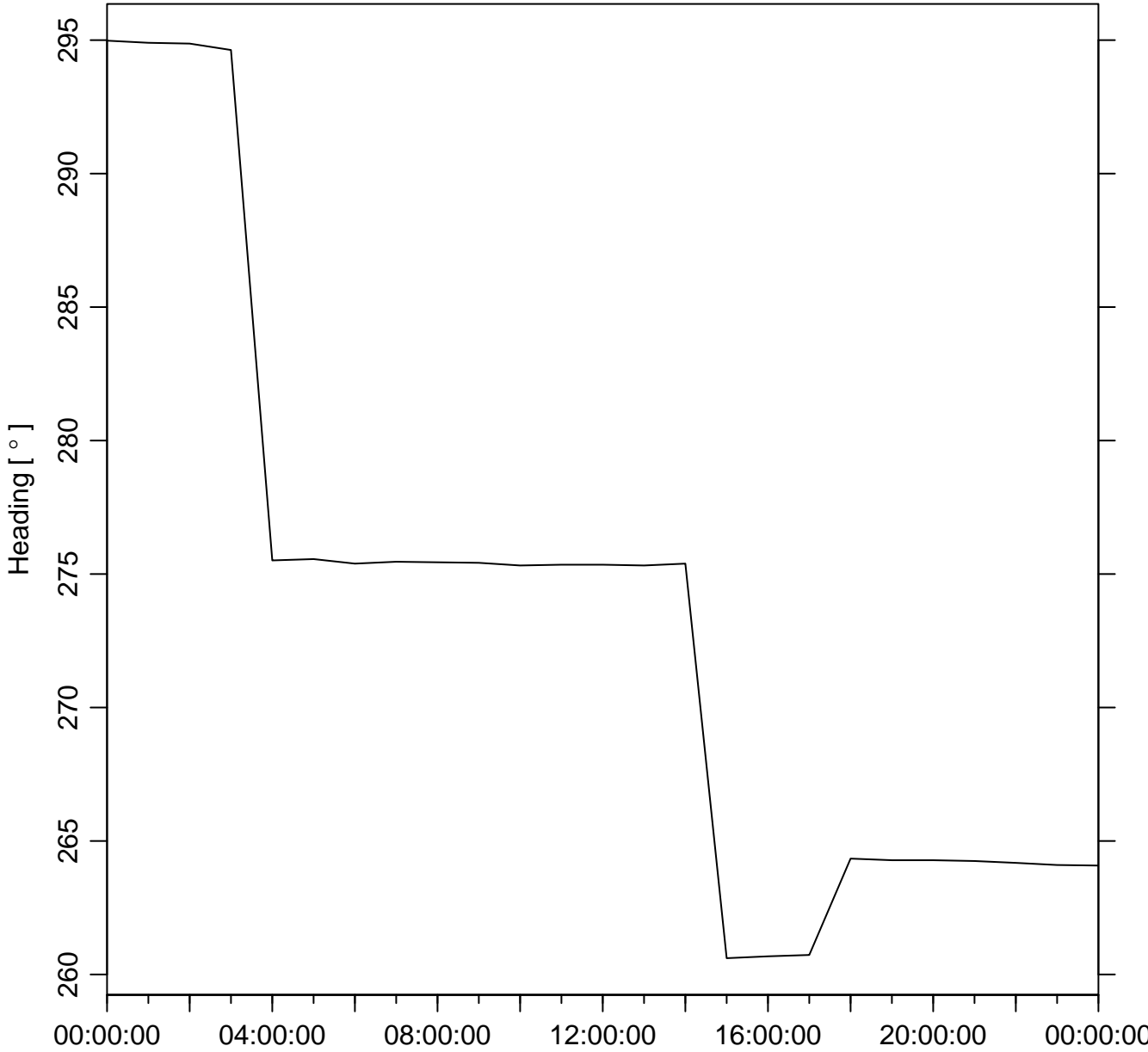
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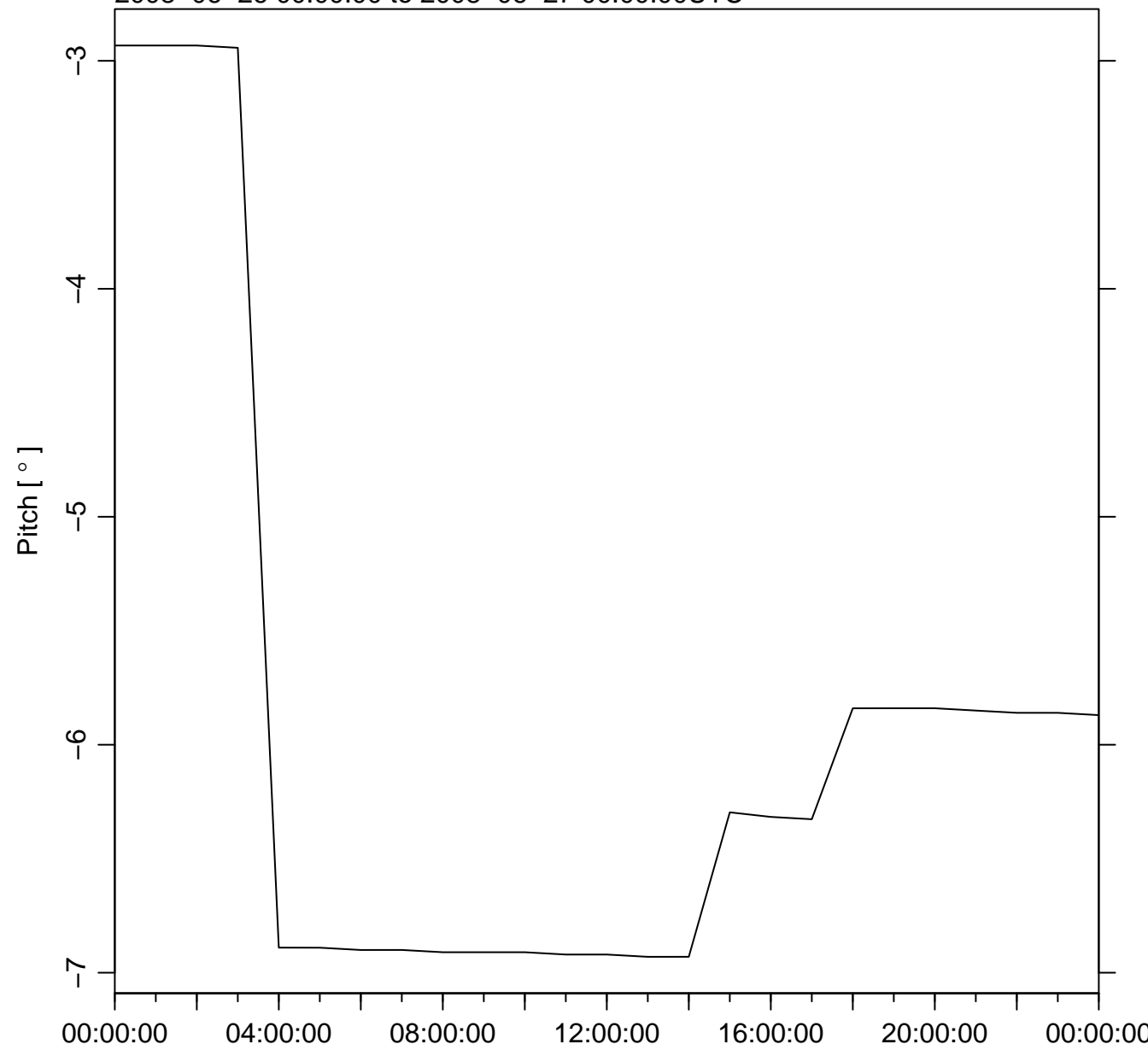
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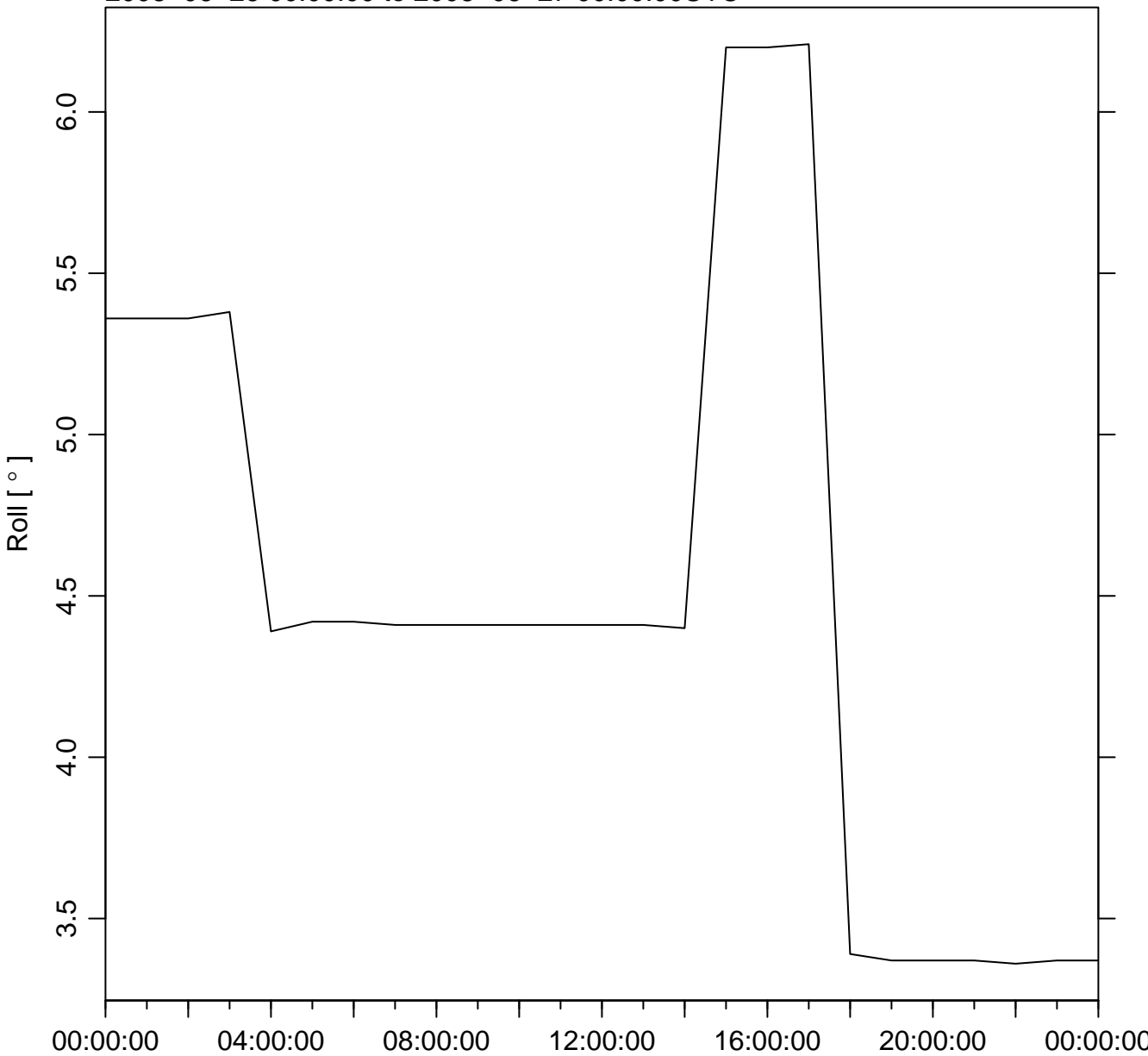
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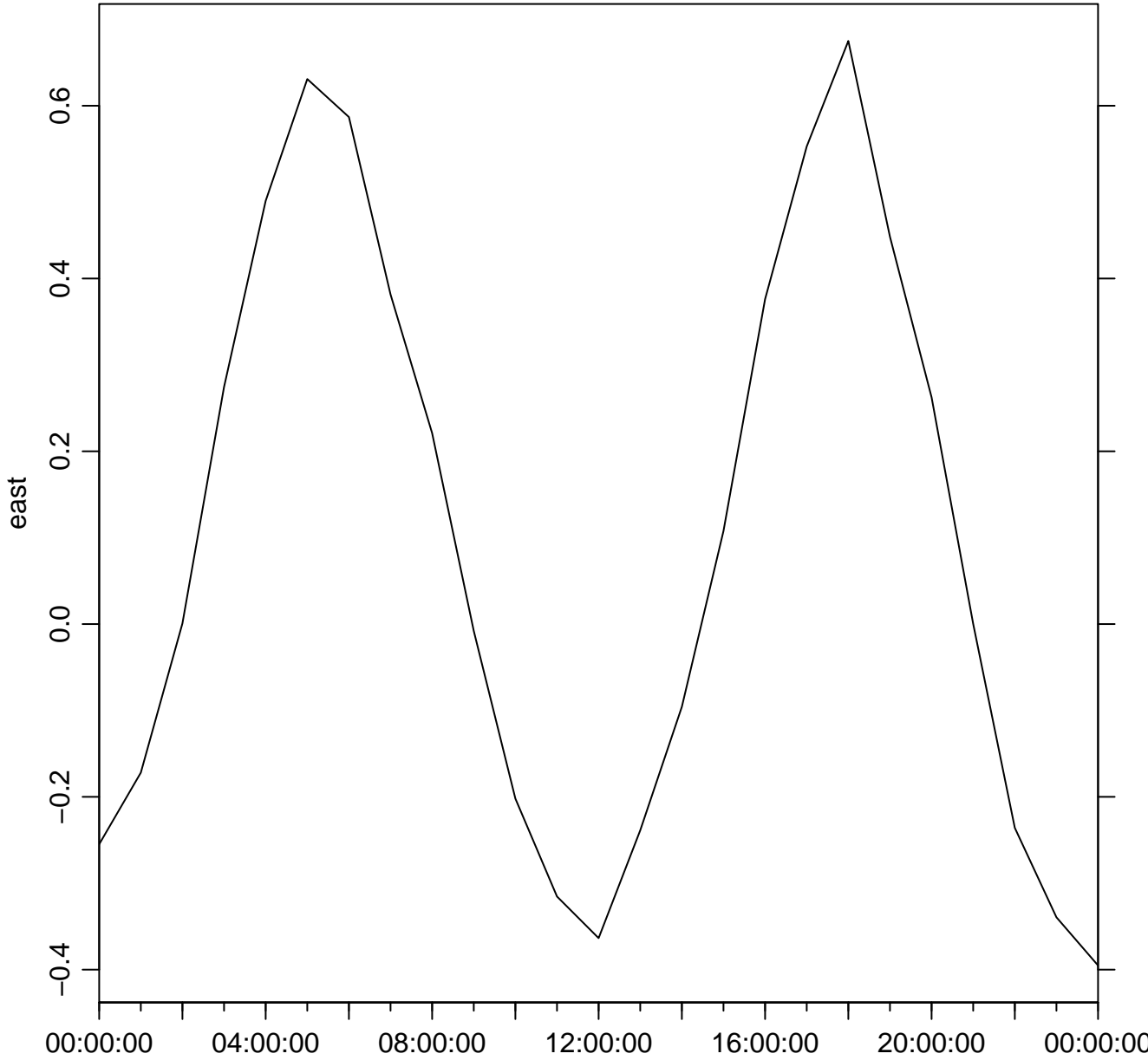
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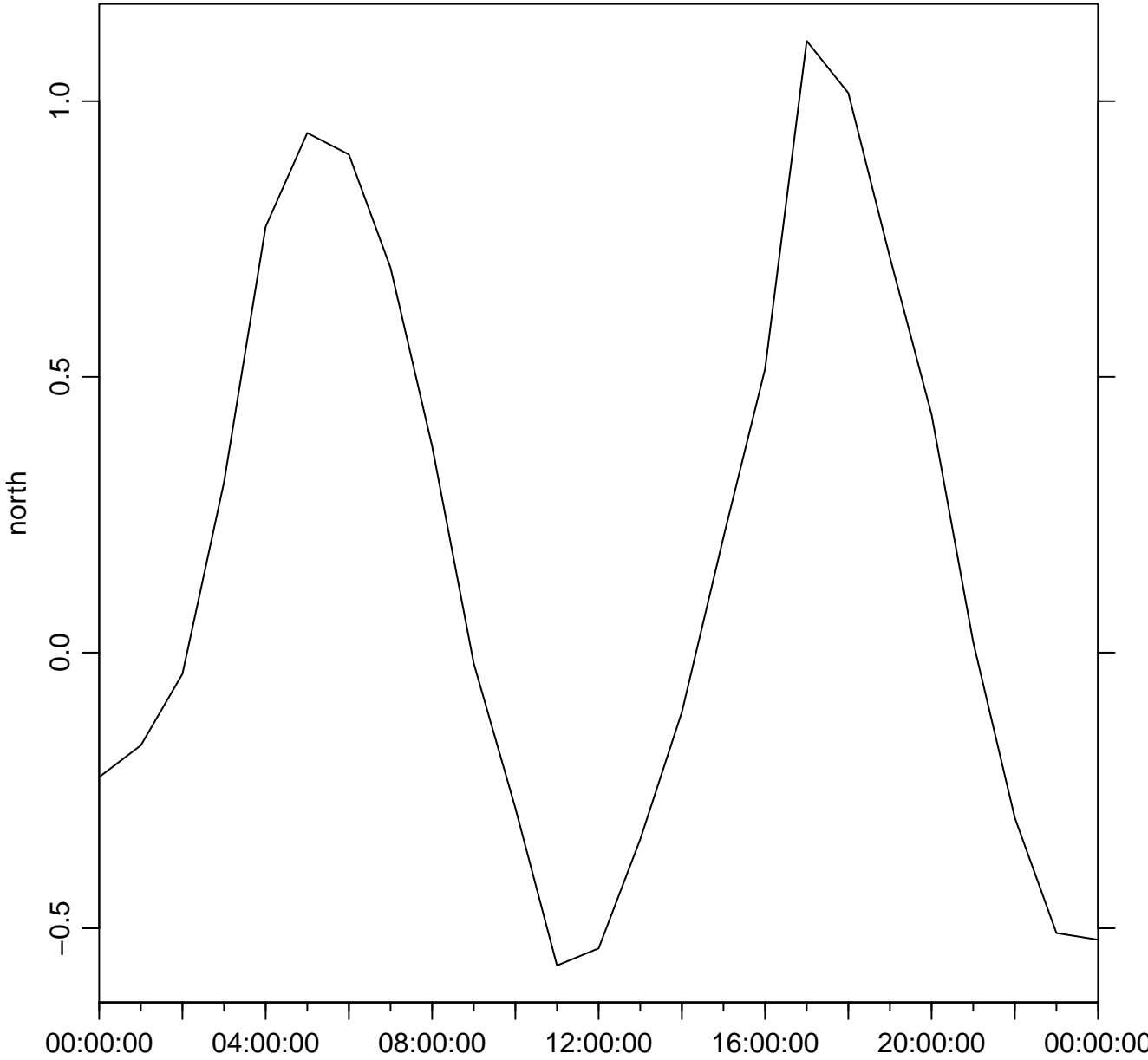
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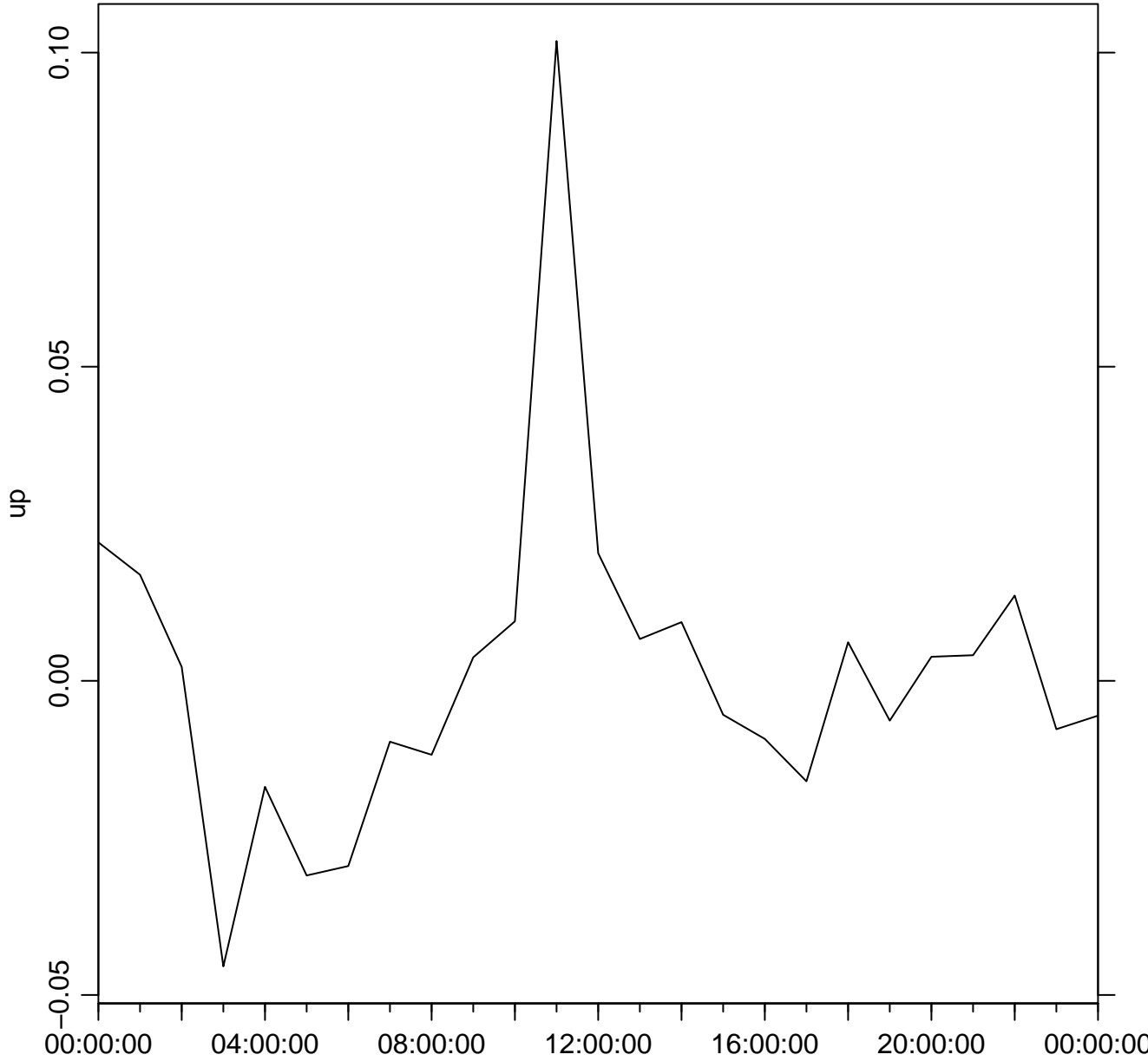
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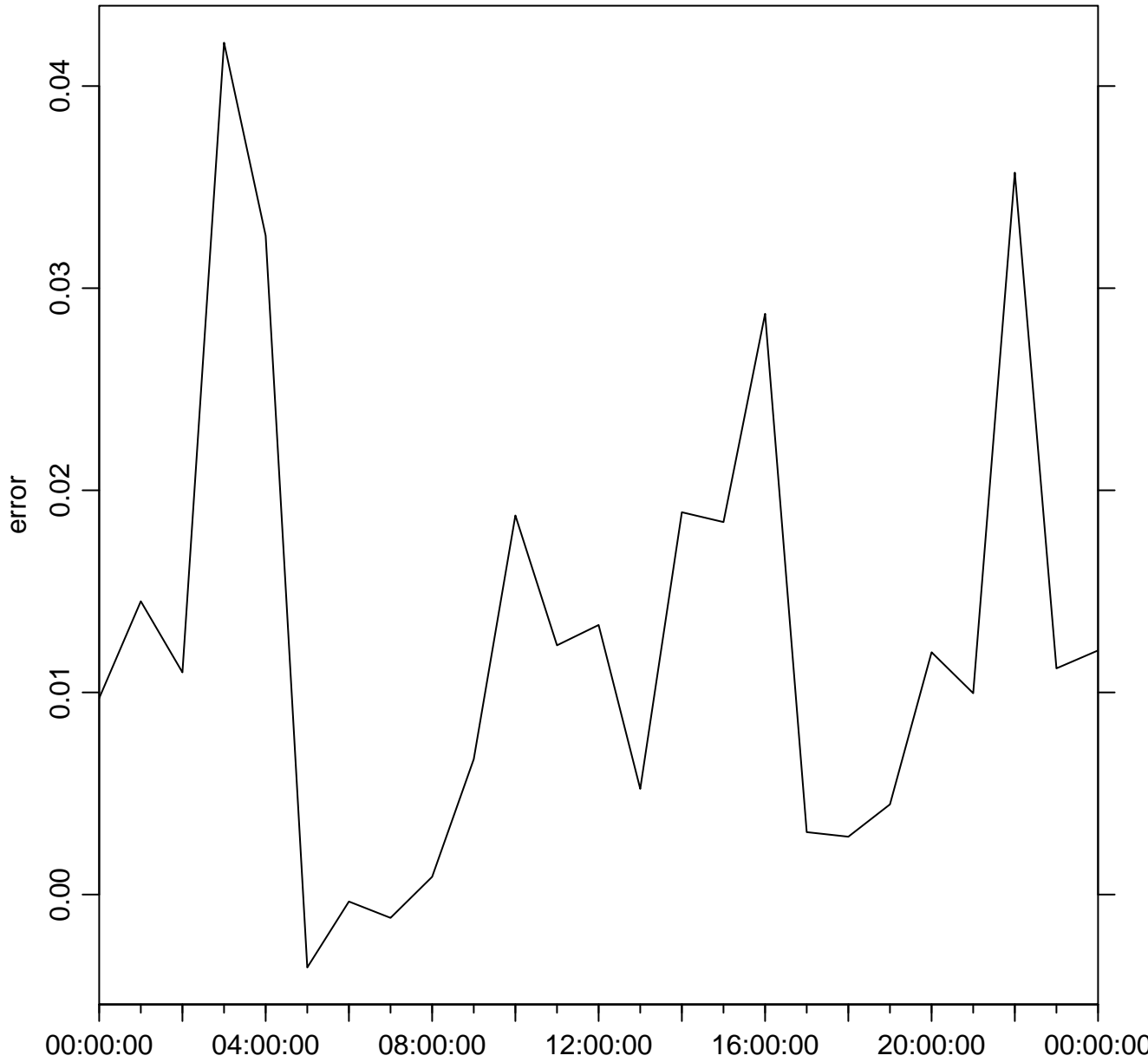
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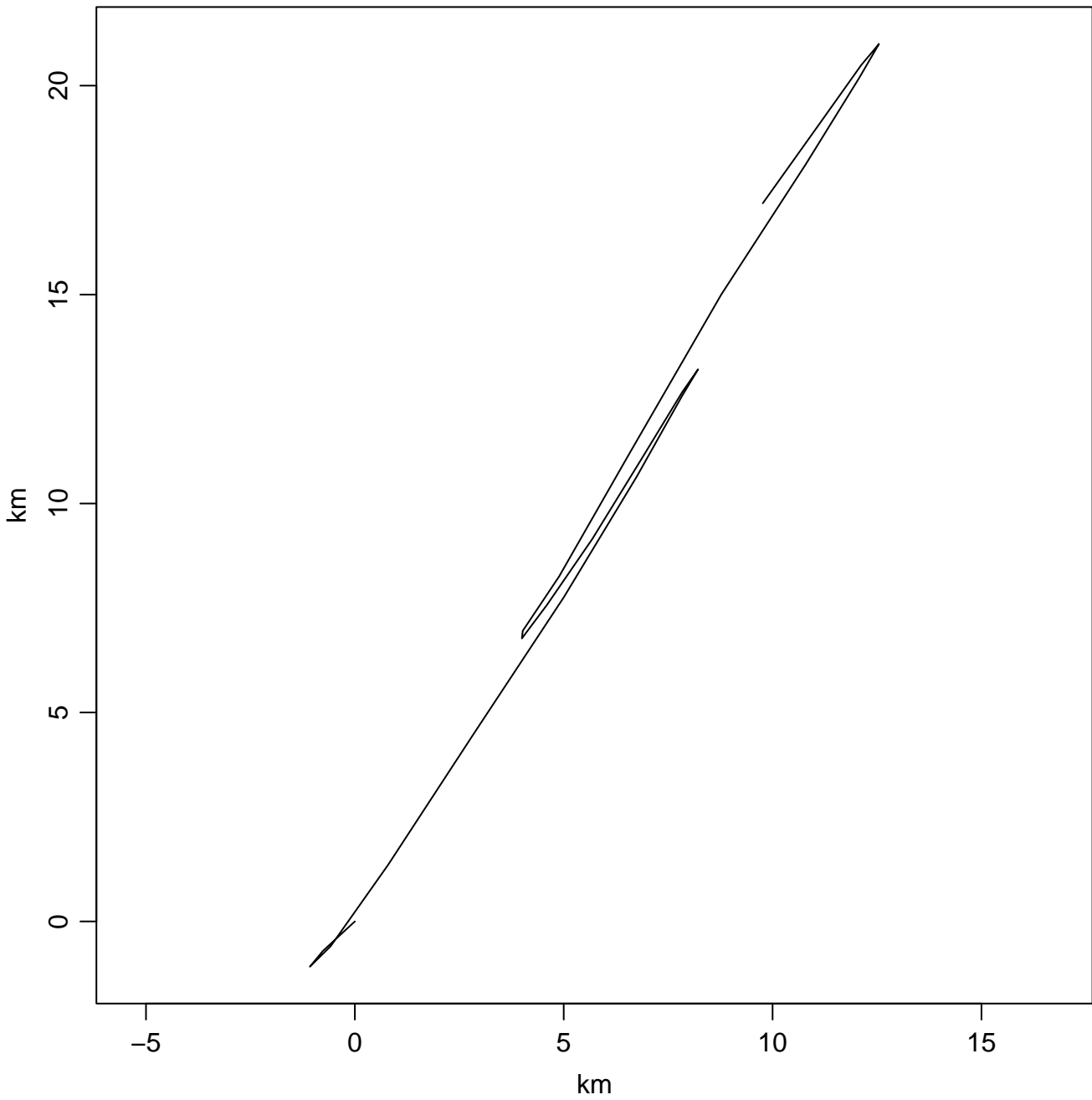


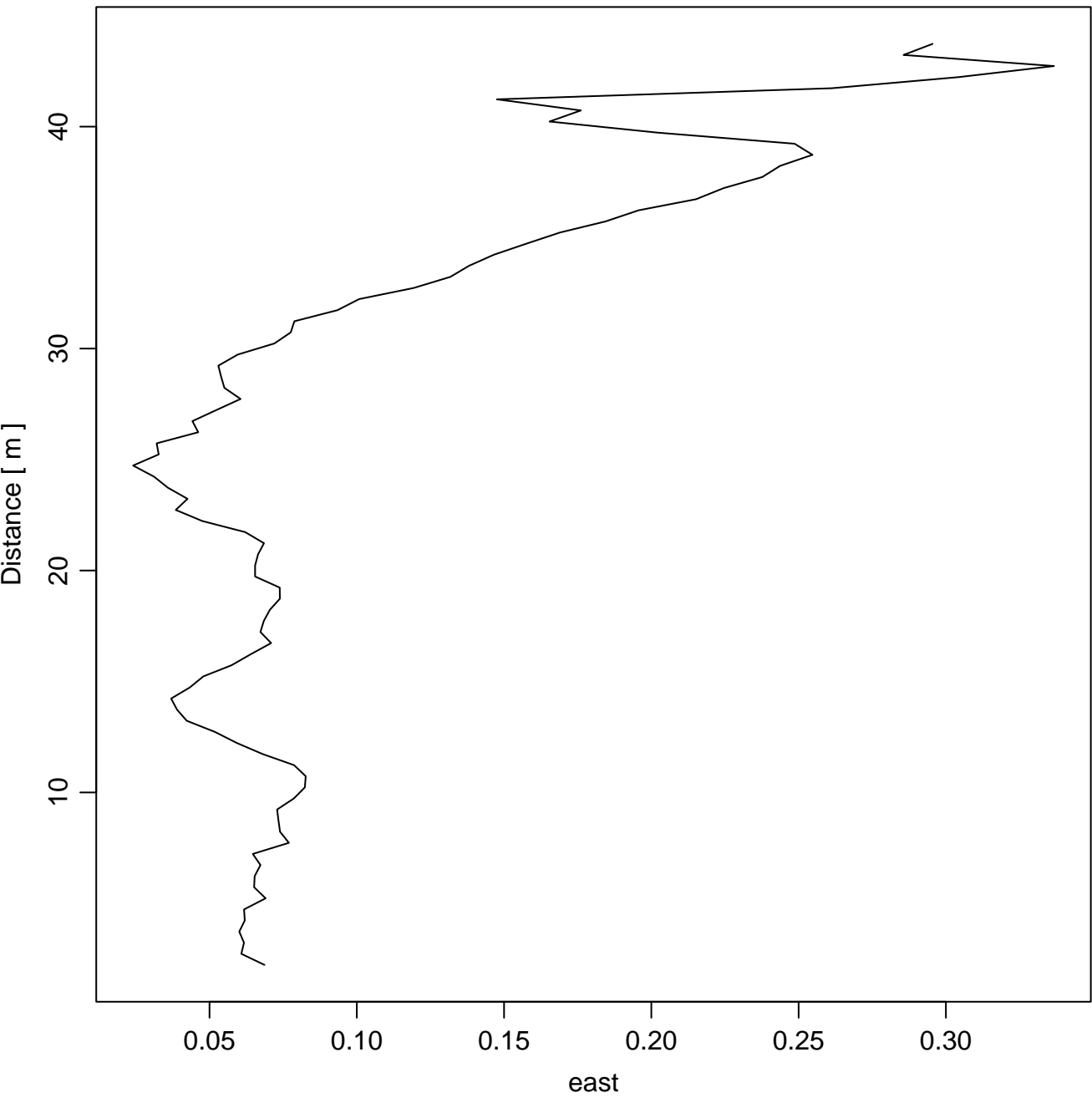
2008-06-26 00:00:00 to 2008-06-27 00:00:00UTC

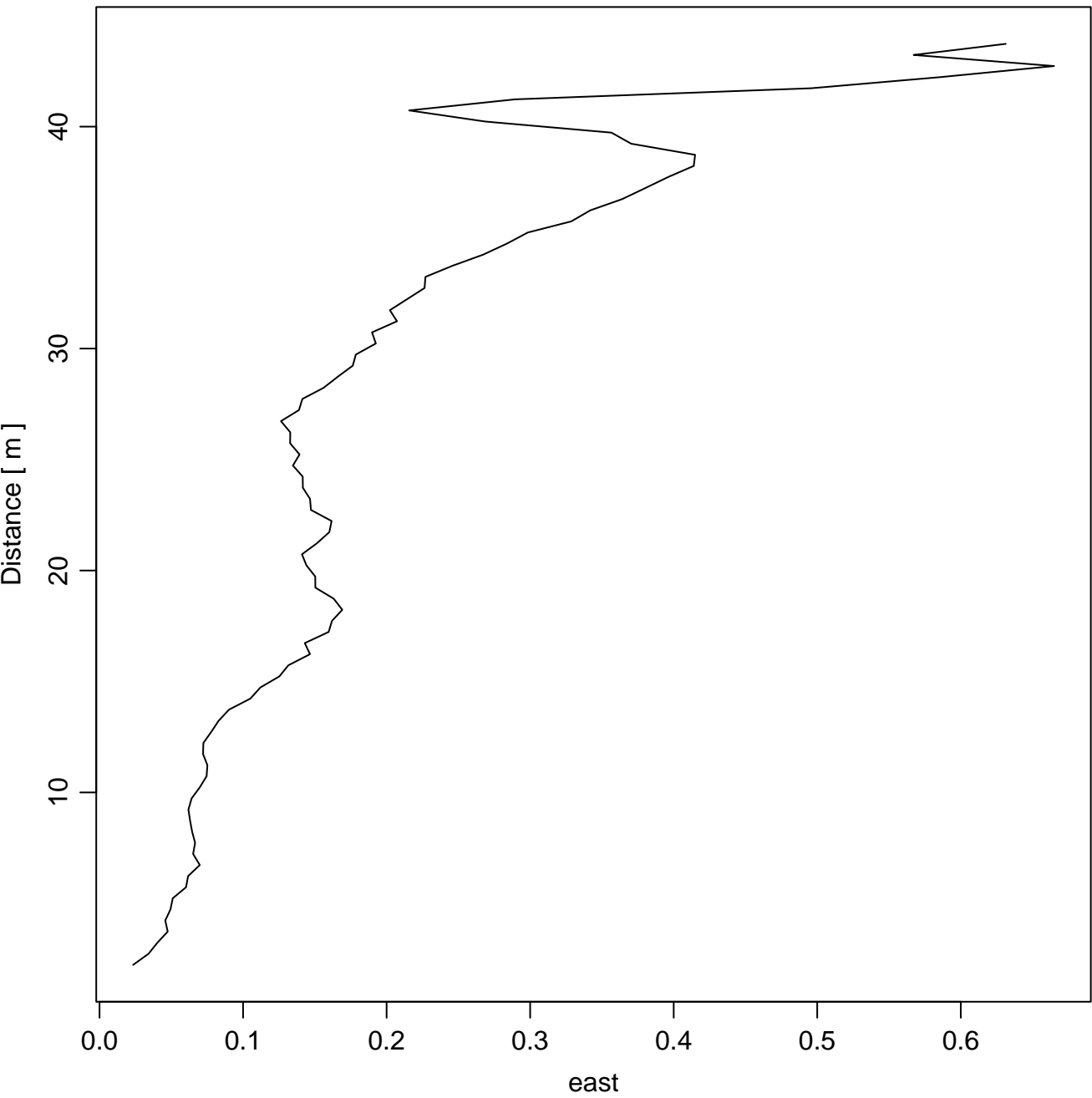


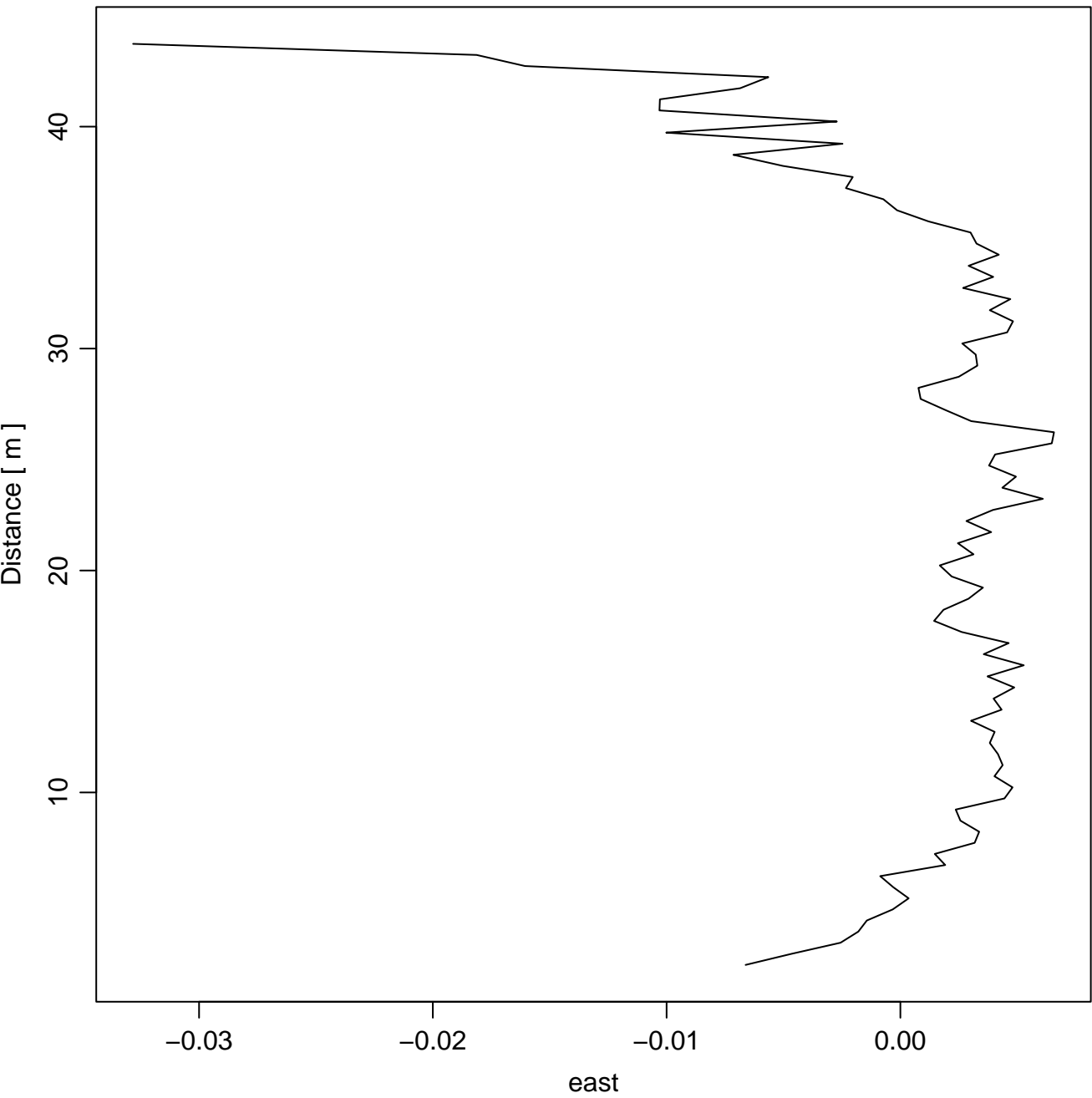
2008-06-26 00:00:00 to 2008-06-27 00:00:00UTC

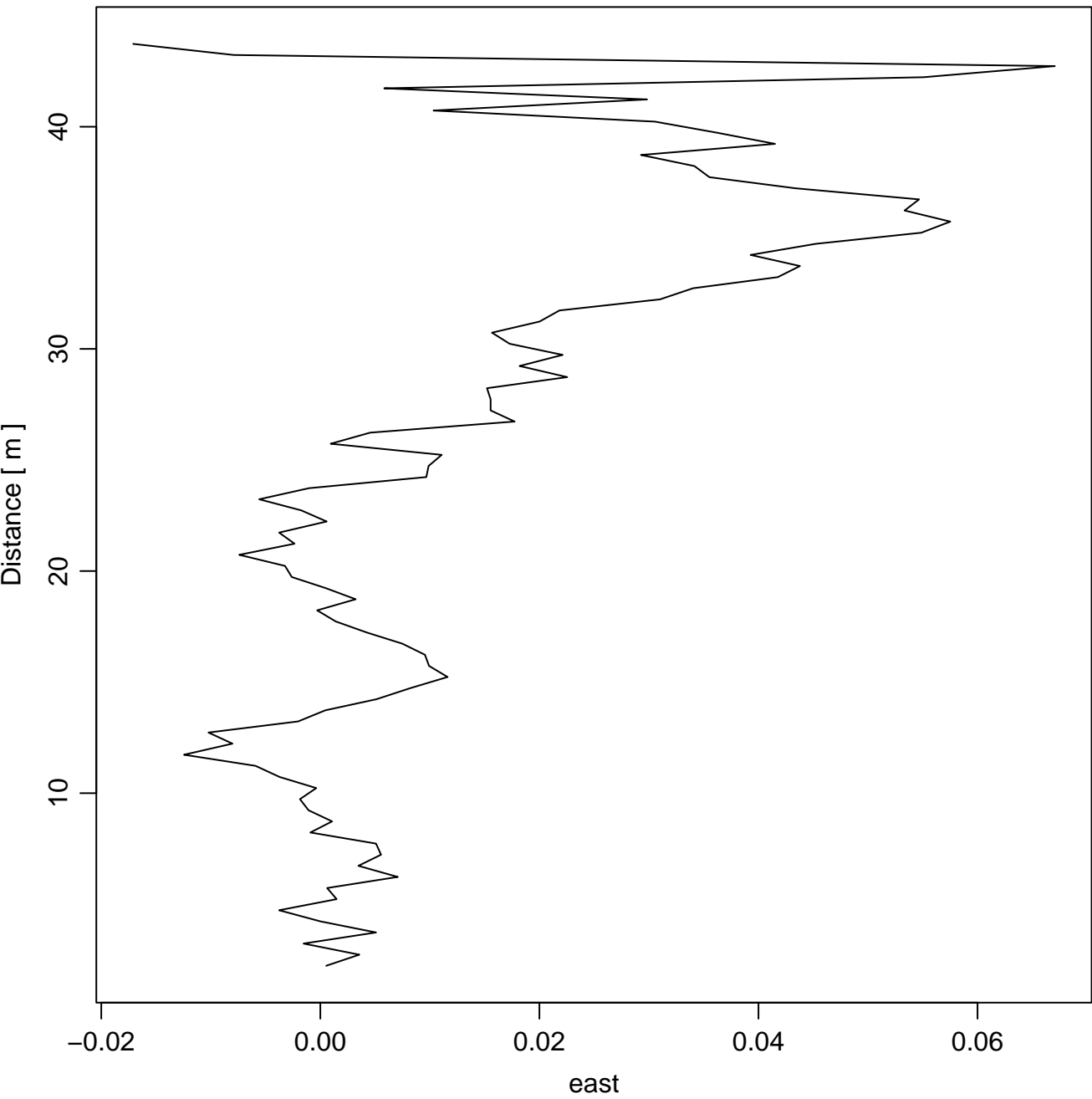


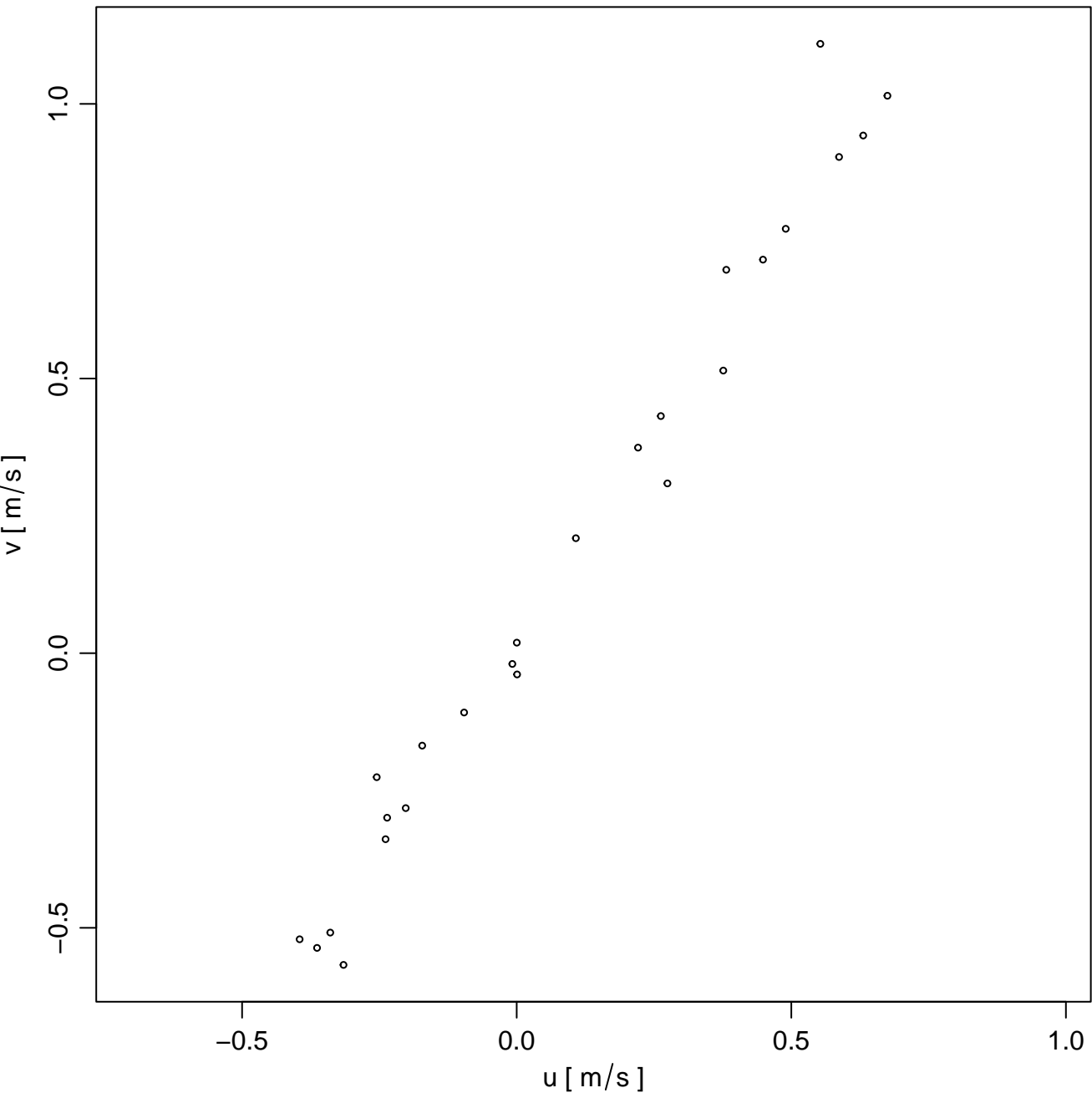


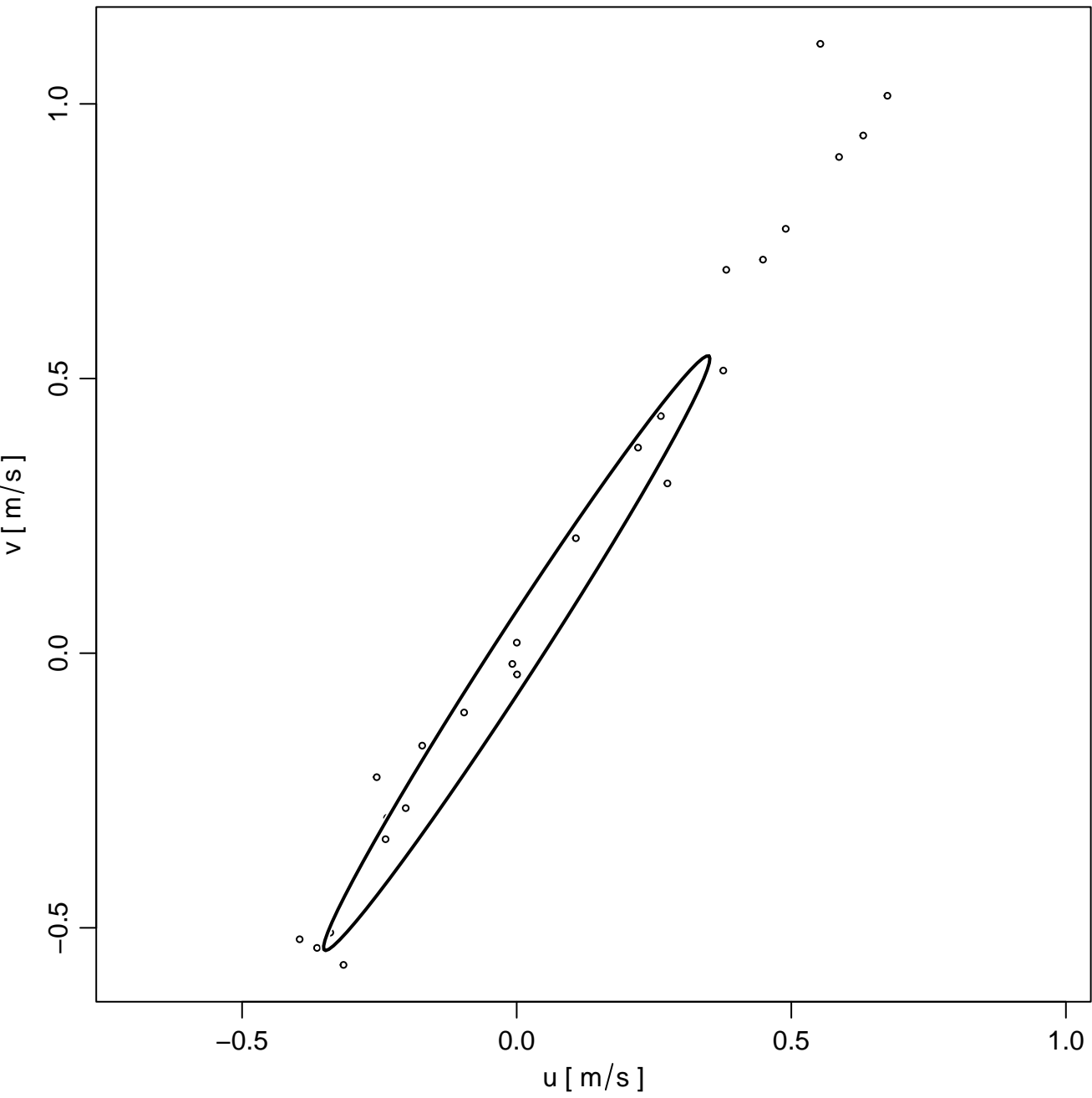


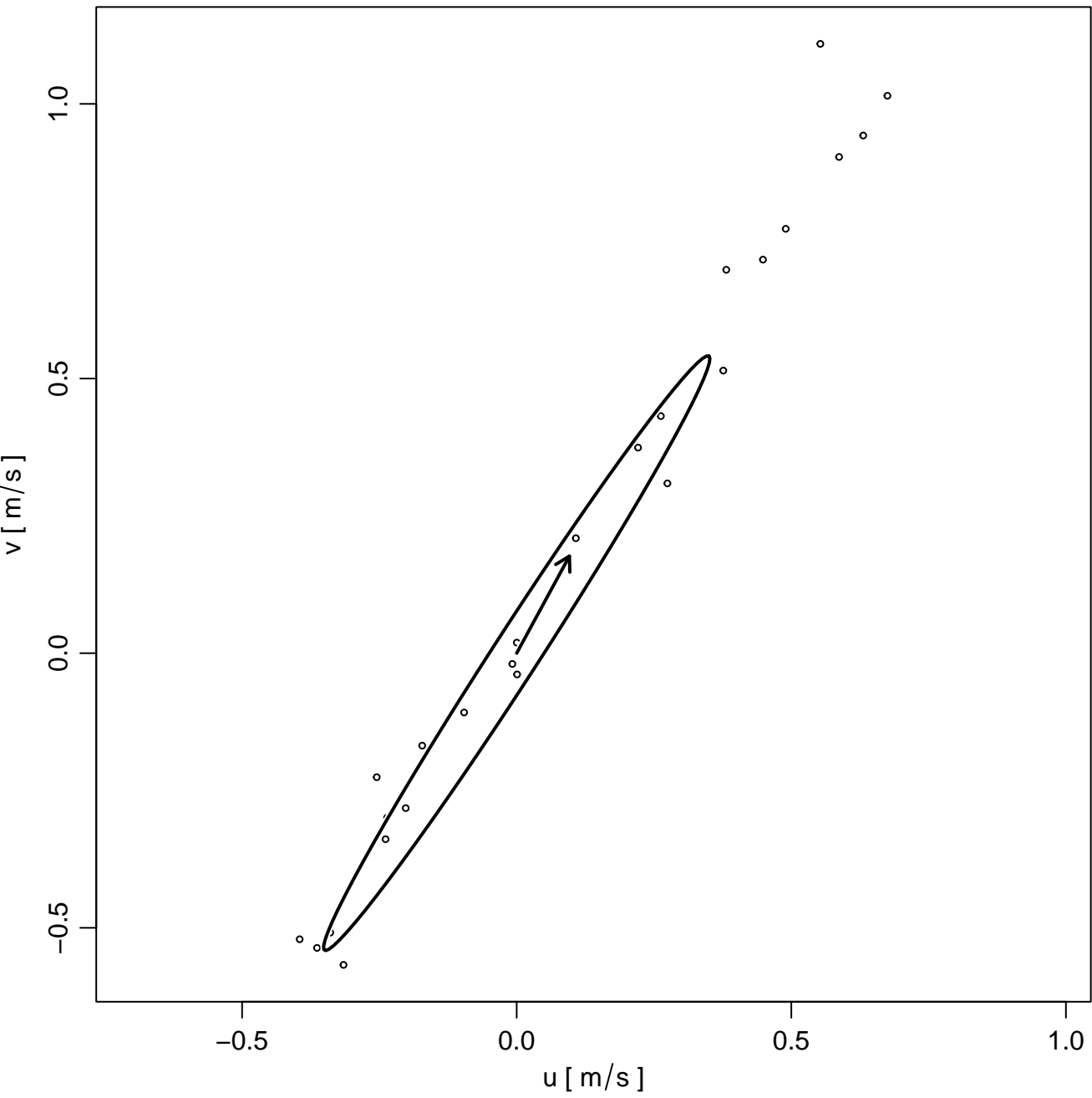




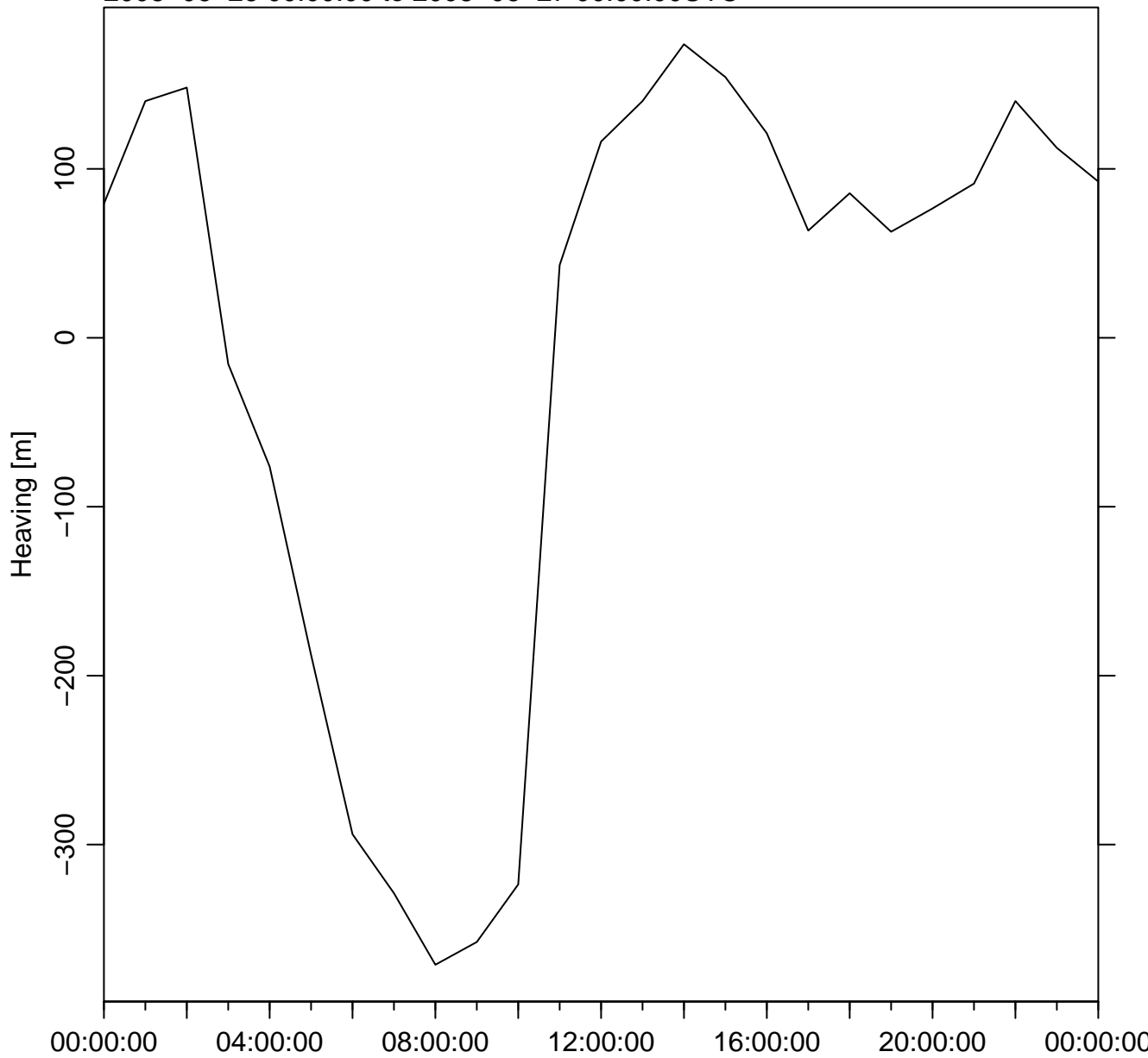






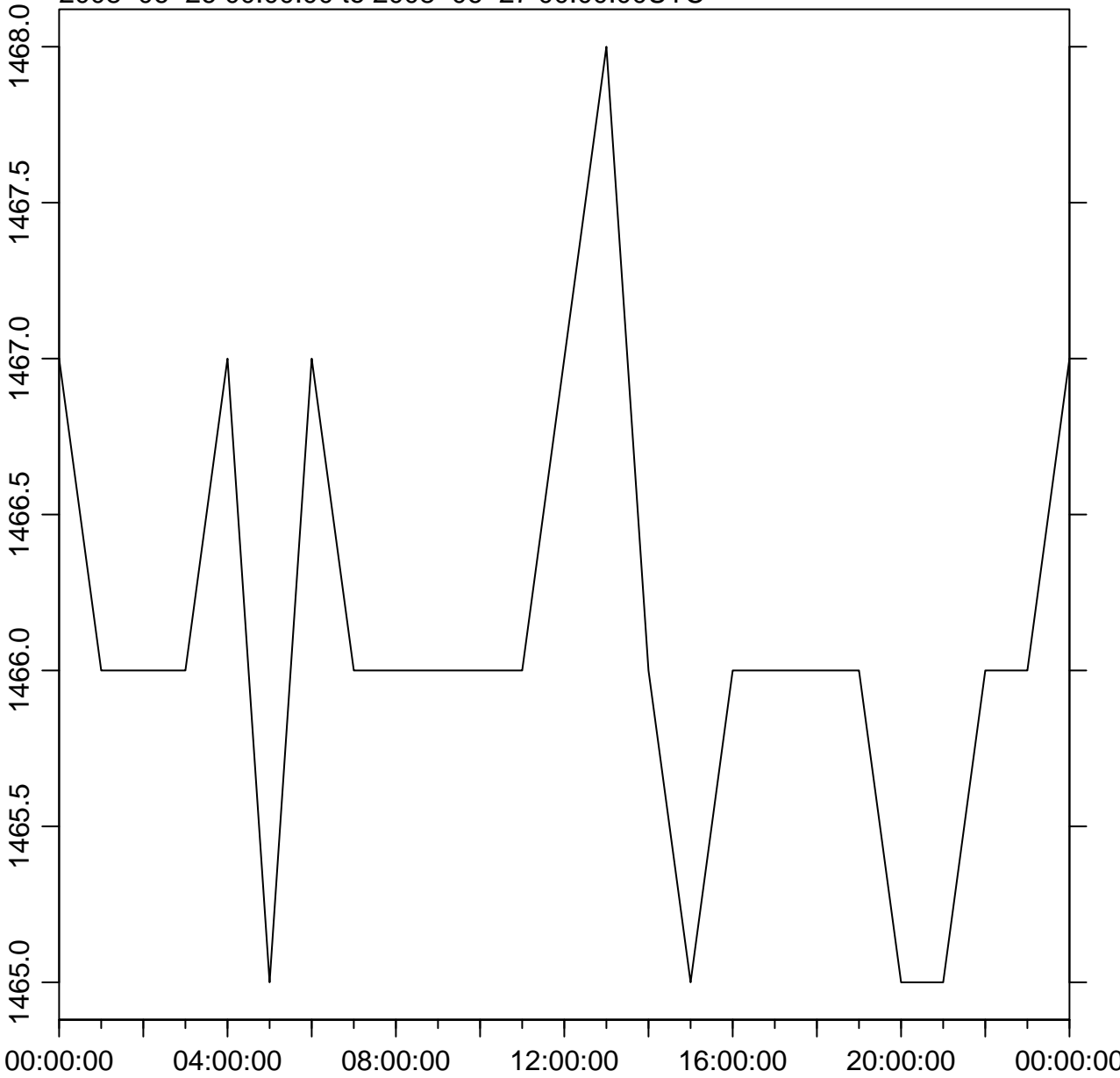


2008-06-26 00:00:00 to 2008-06-27 00:00:00UTC



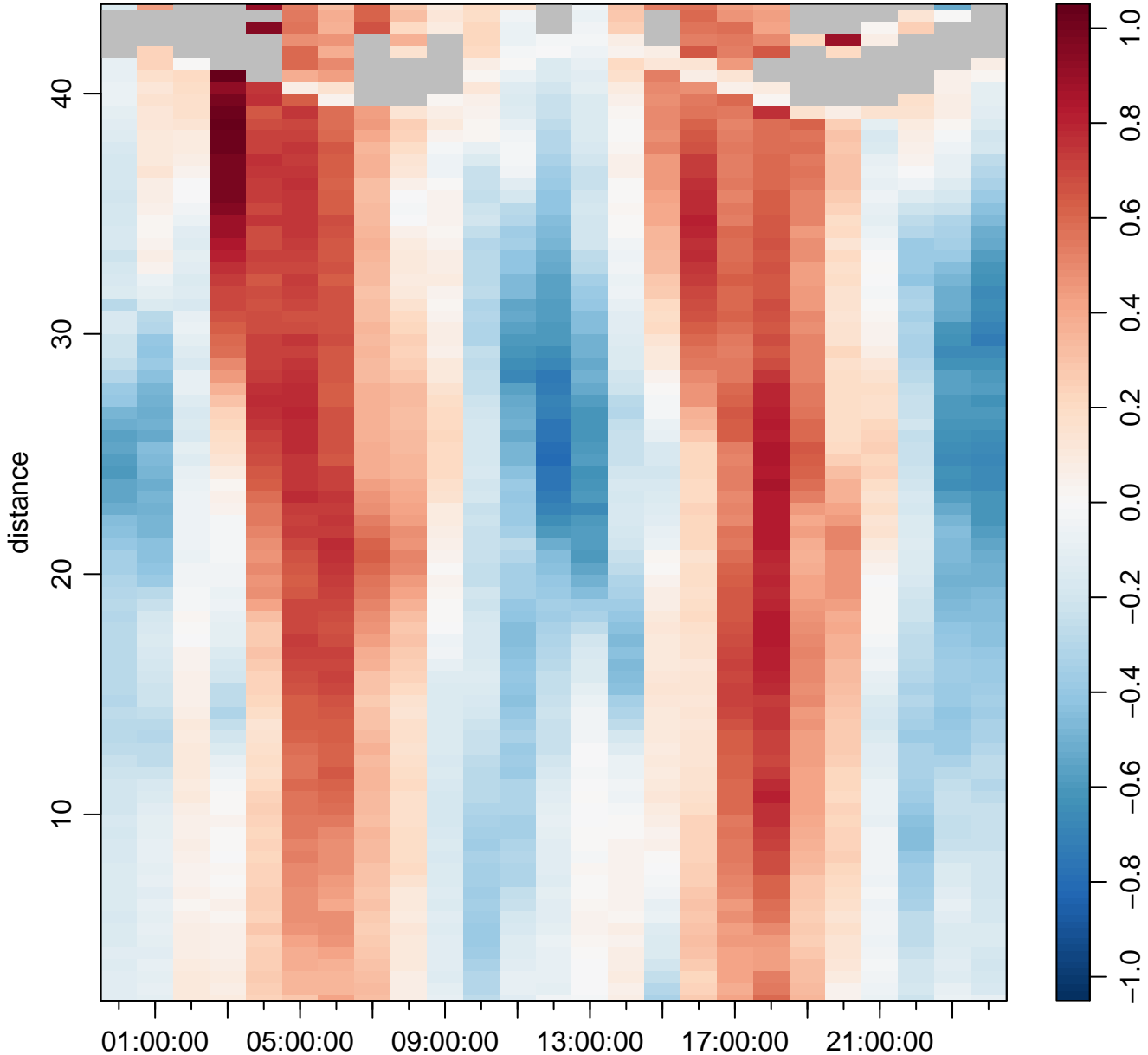
2008-06-26 00:00:00 to 2008-06-27 00:00:00UTC

Sound Speed [m/s]



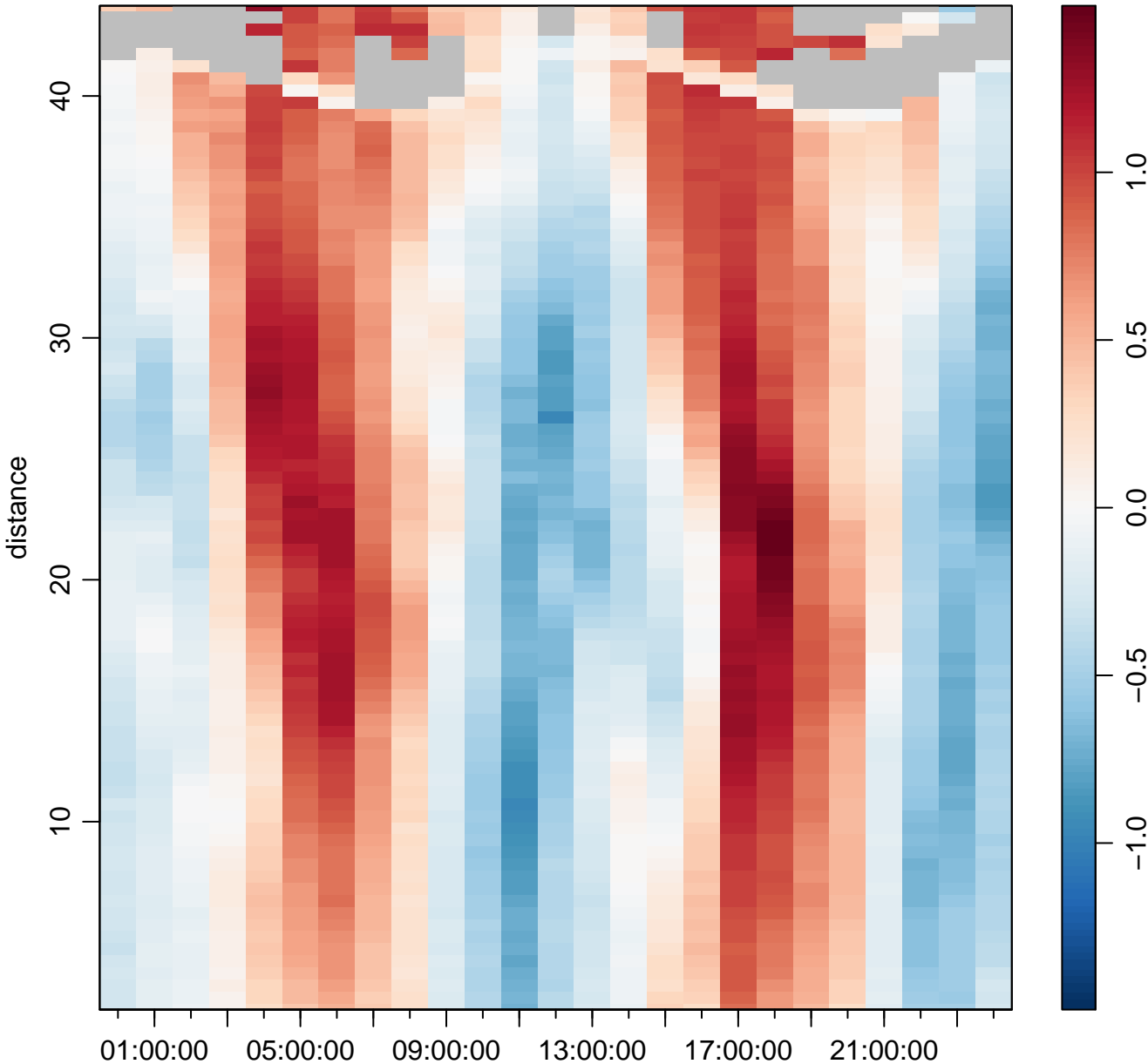
2008-06-25 23:30:00 to 2008-06-27 00:30:00UTC

east



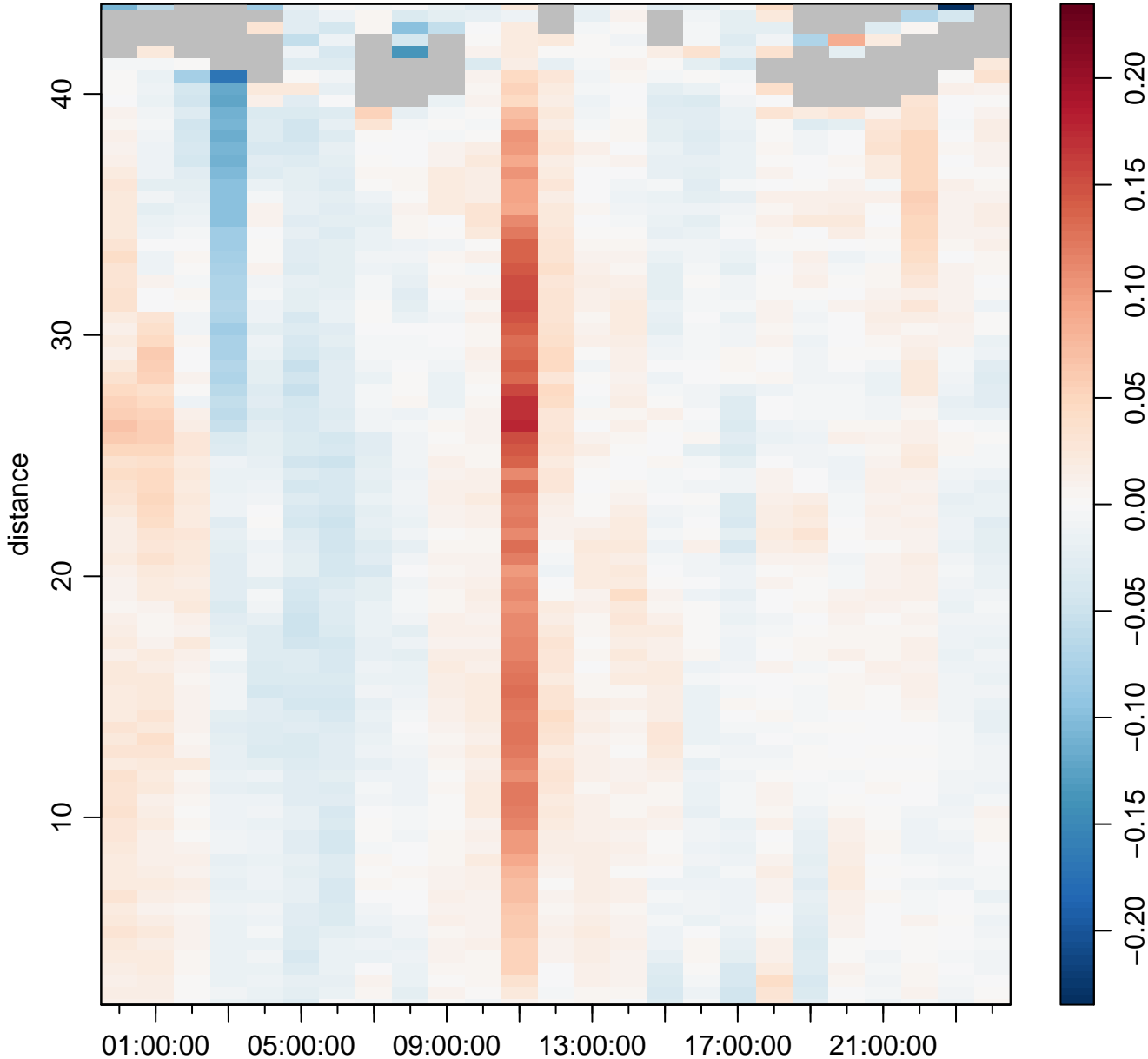
2008-06-25 23:30:00 to 2008-06-27 00:30:00UTC

north



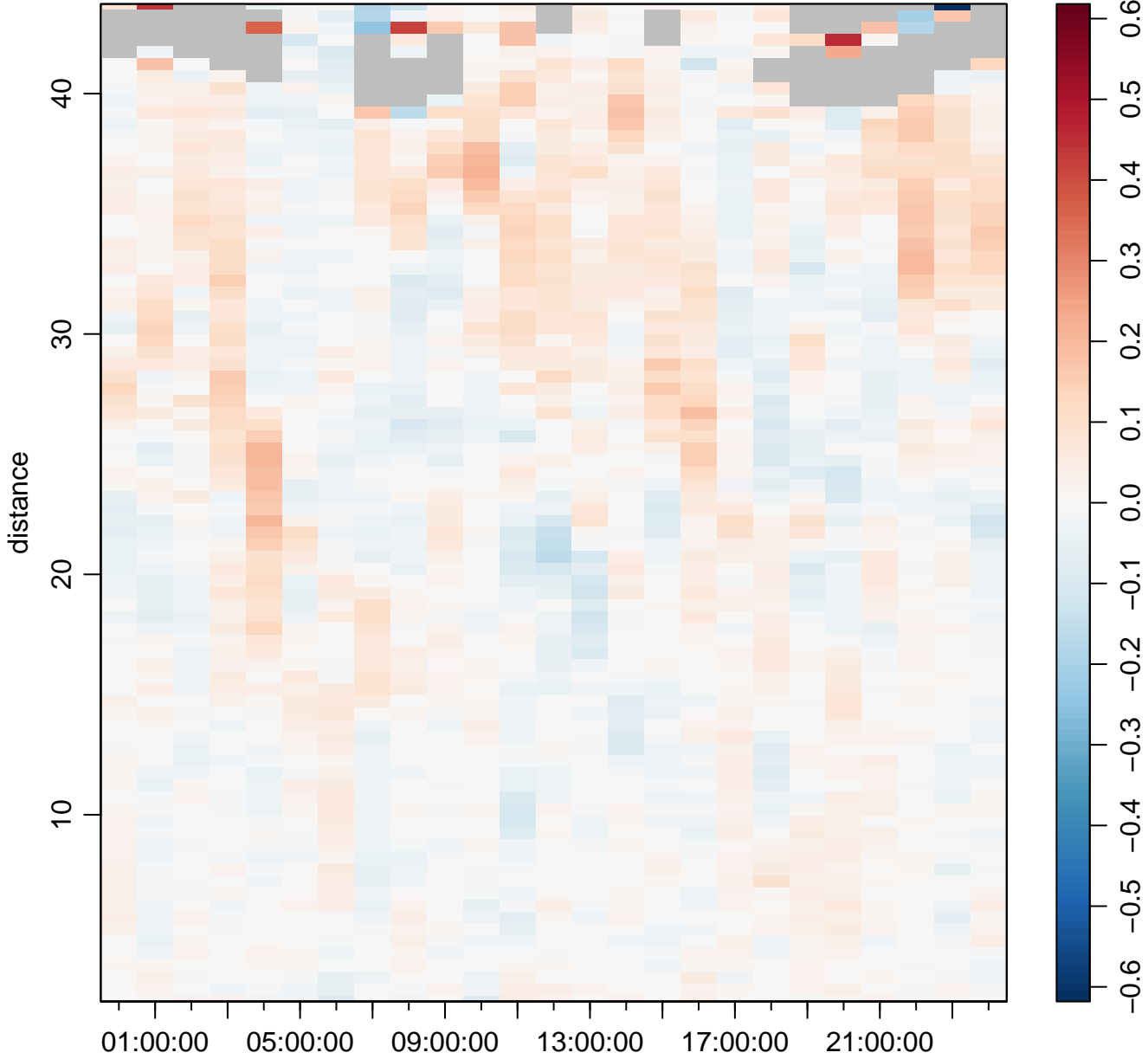
2008-06-25 23:30:00 to 2008-06-27 00:30:00UTC

up



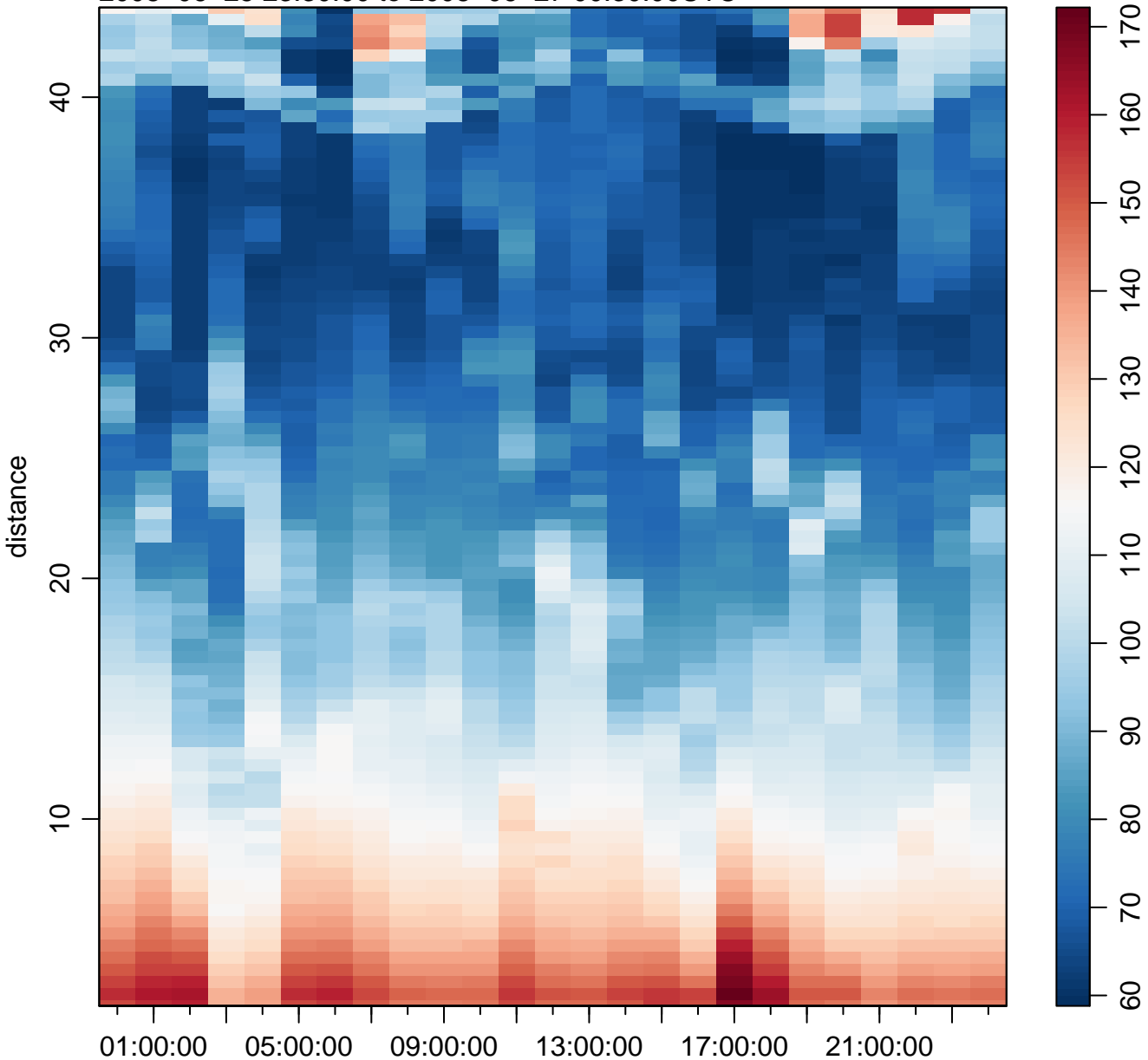
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error



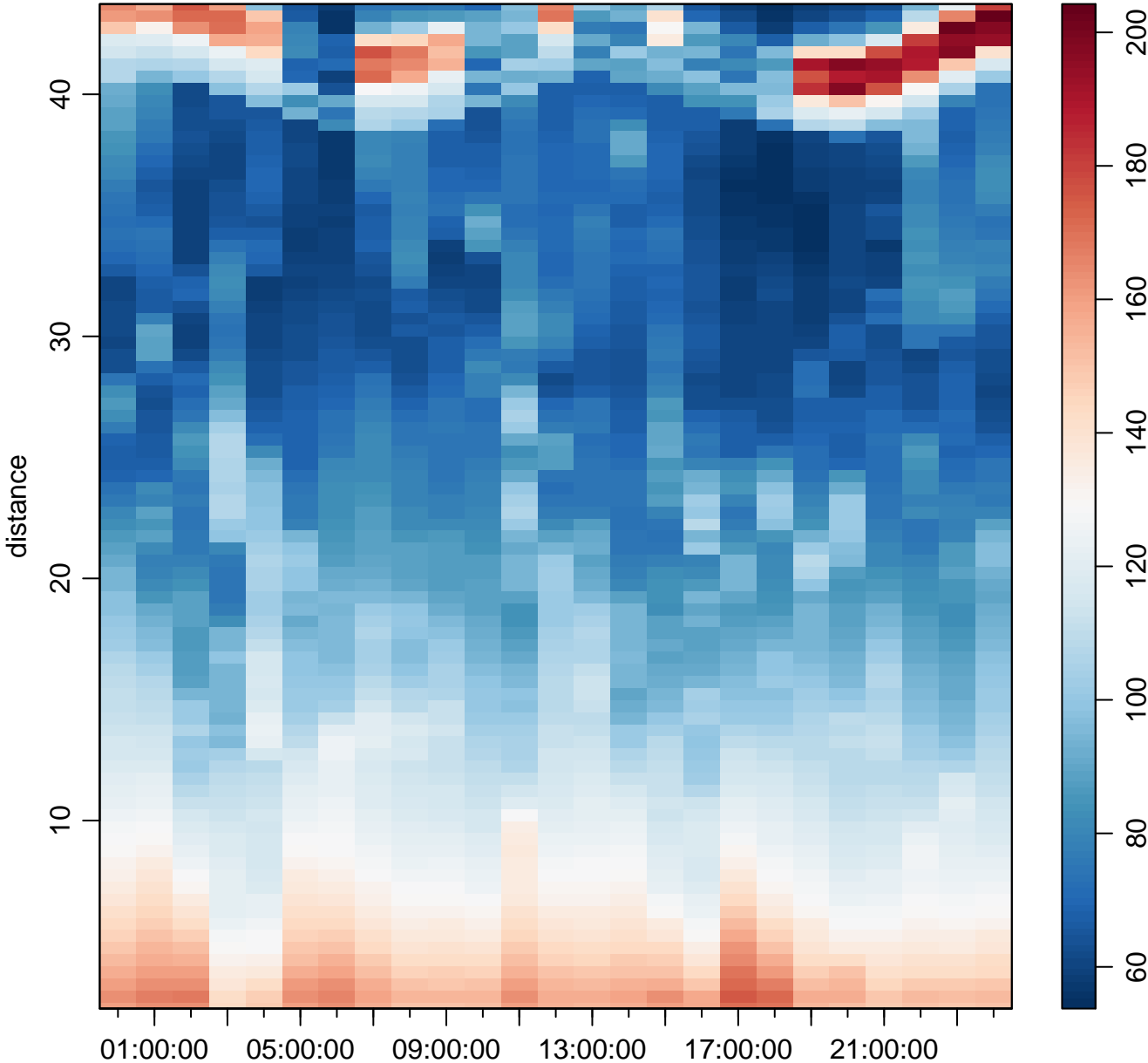
2008-06-25 23:30:00 to 2008-06-27 00:30:00UTC

a_1



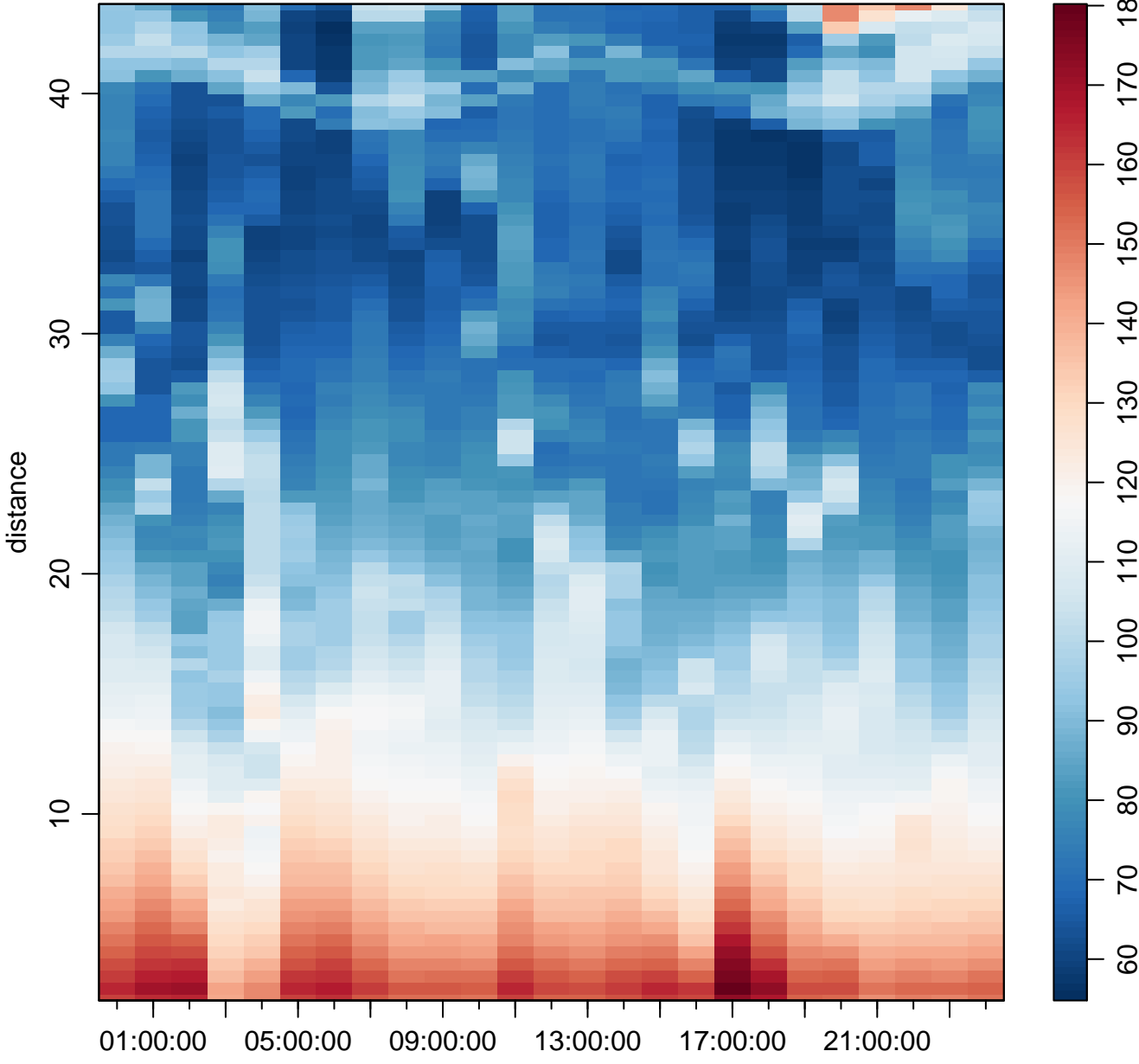
2008-06-25 23:30:00 to 2008-06-27 00:30:00UTC

a_2



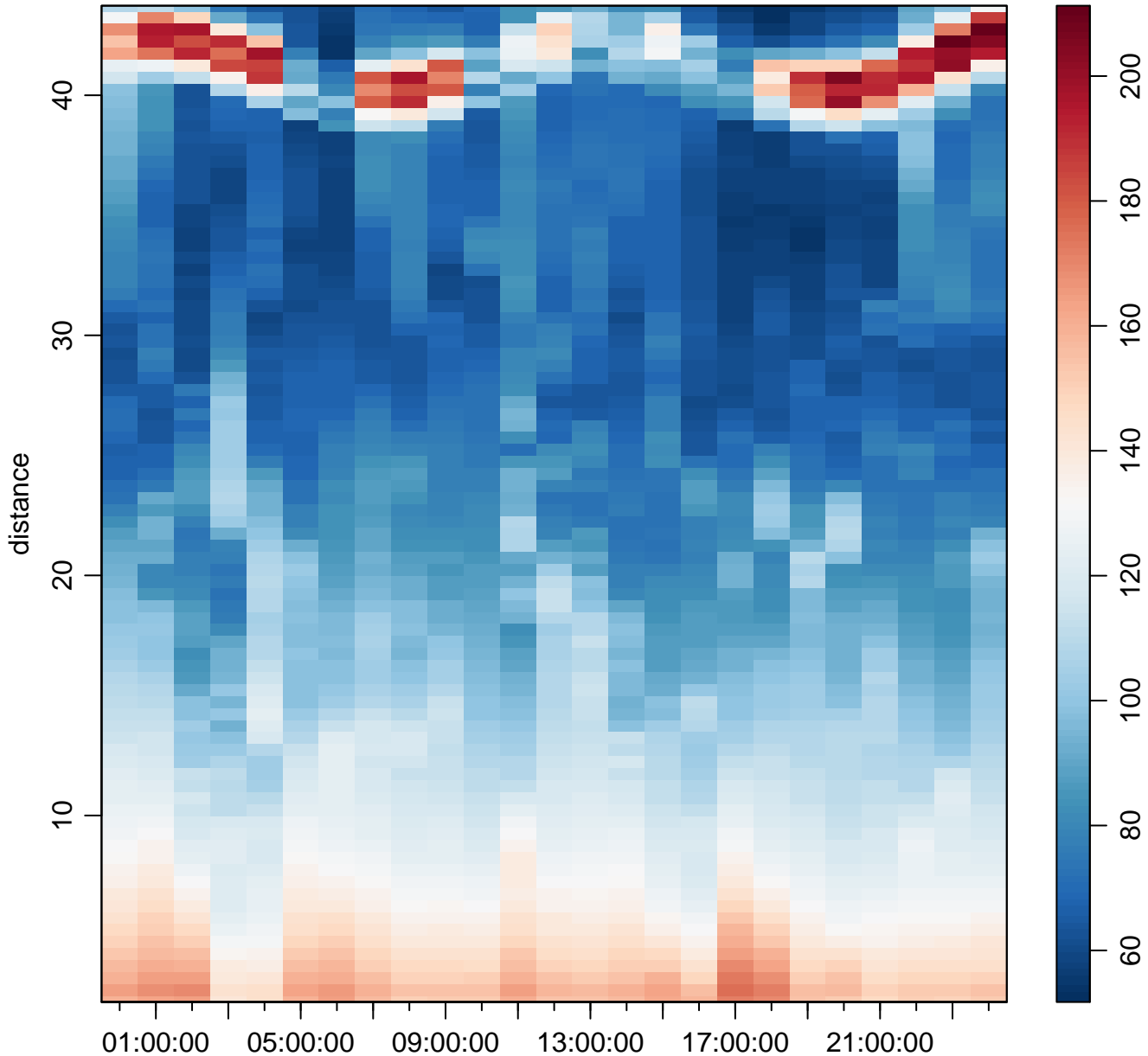
2008-06-25 23:30:00 to 2008-06-27 00:30:00UTC

a_3



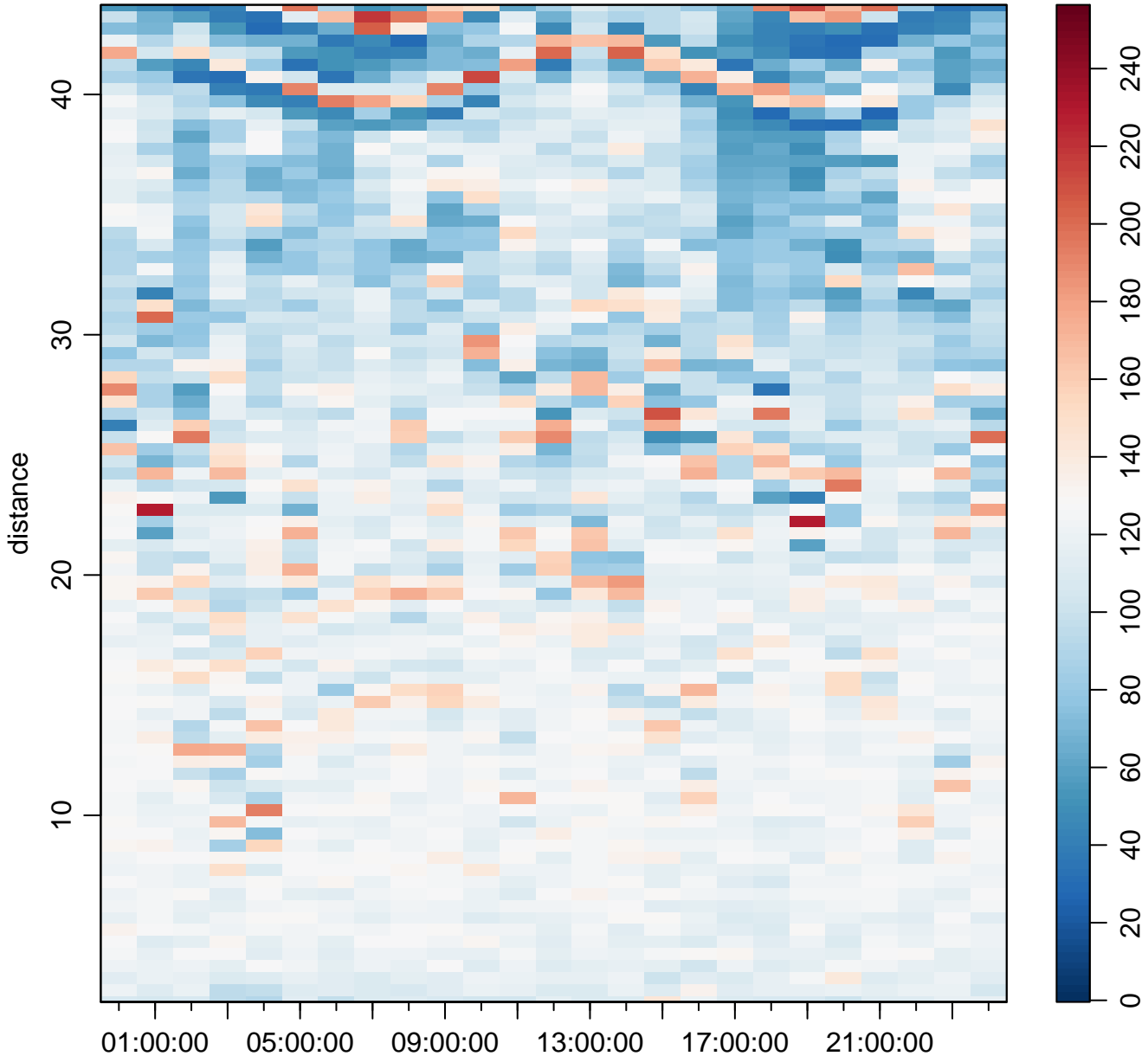
2008-06-25 23:30:00 to 2008-06-27 00:30:00UTC

a_4



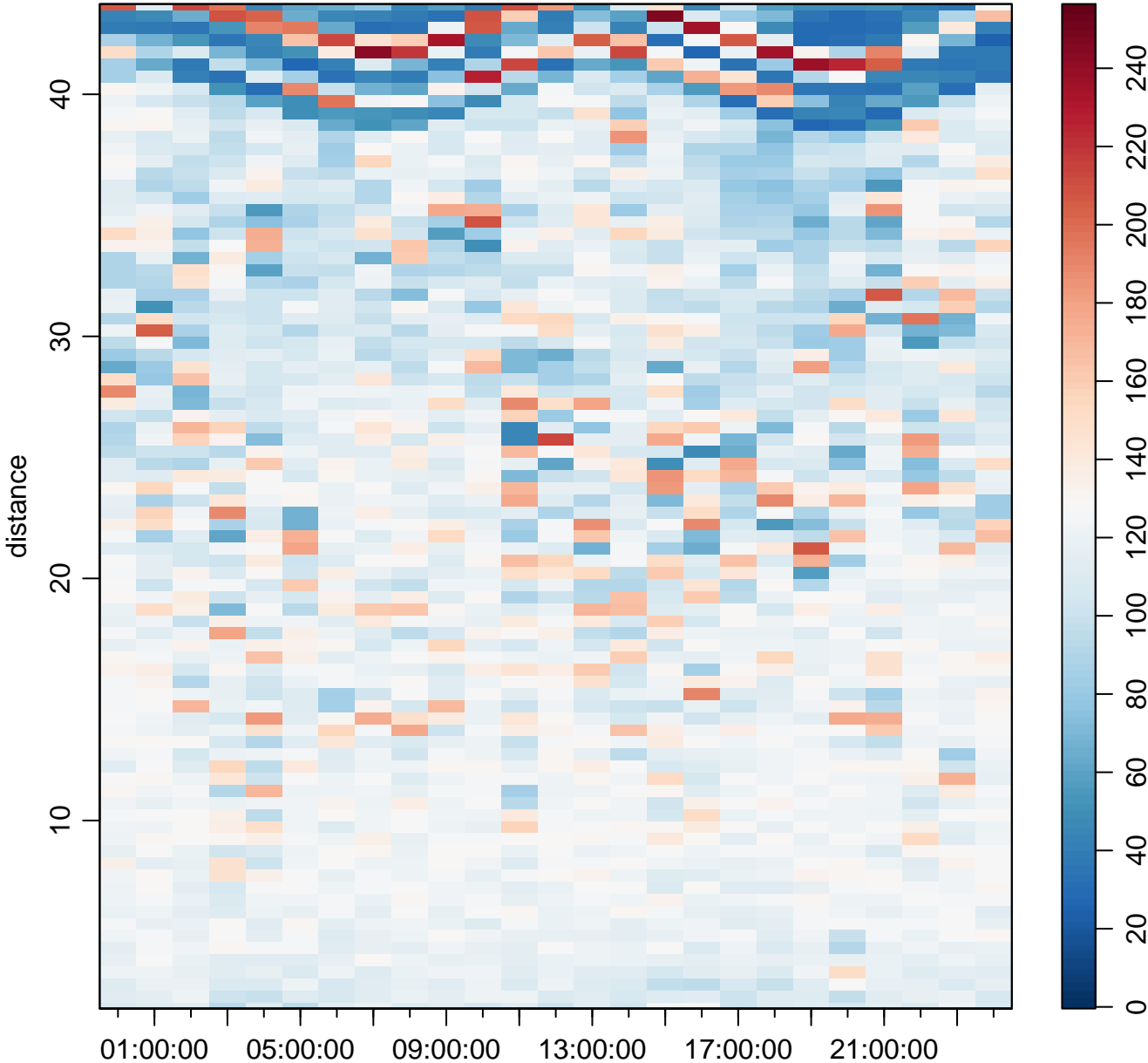
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q_1



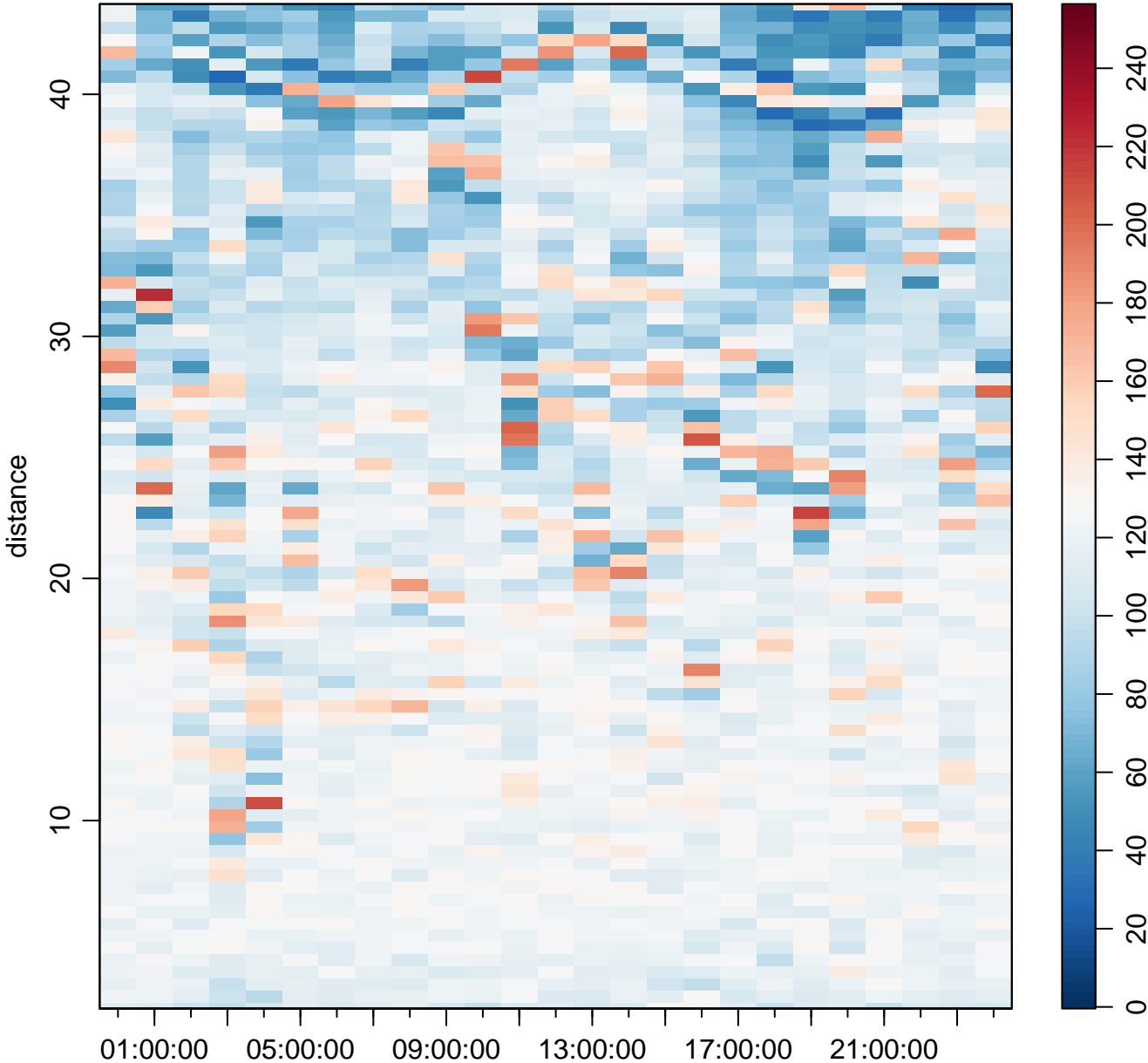
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q_2

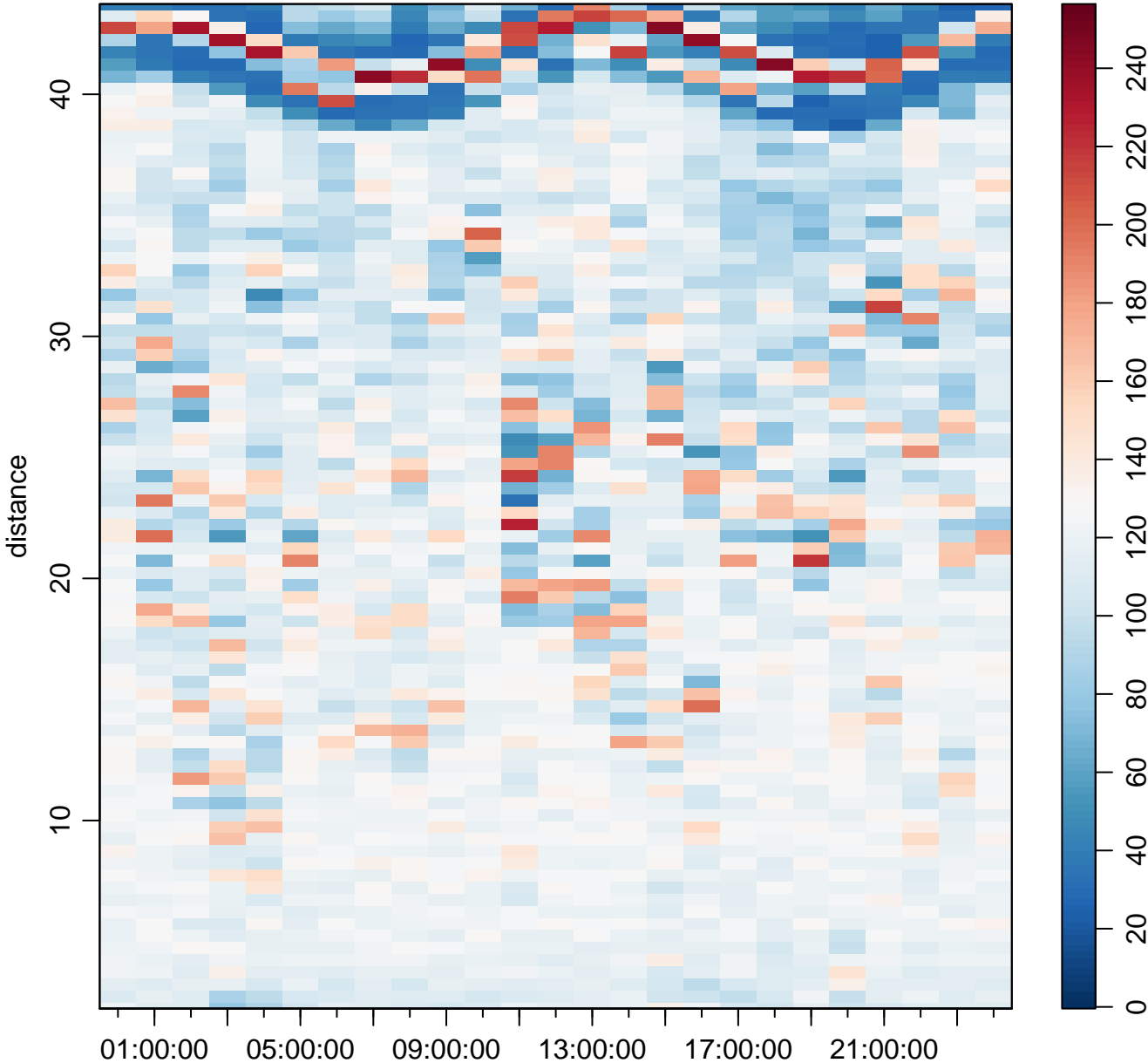


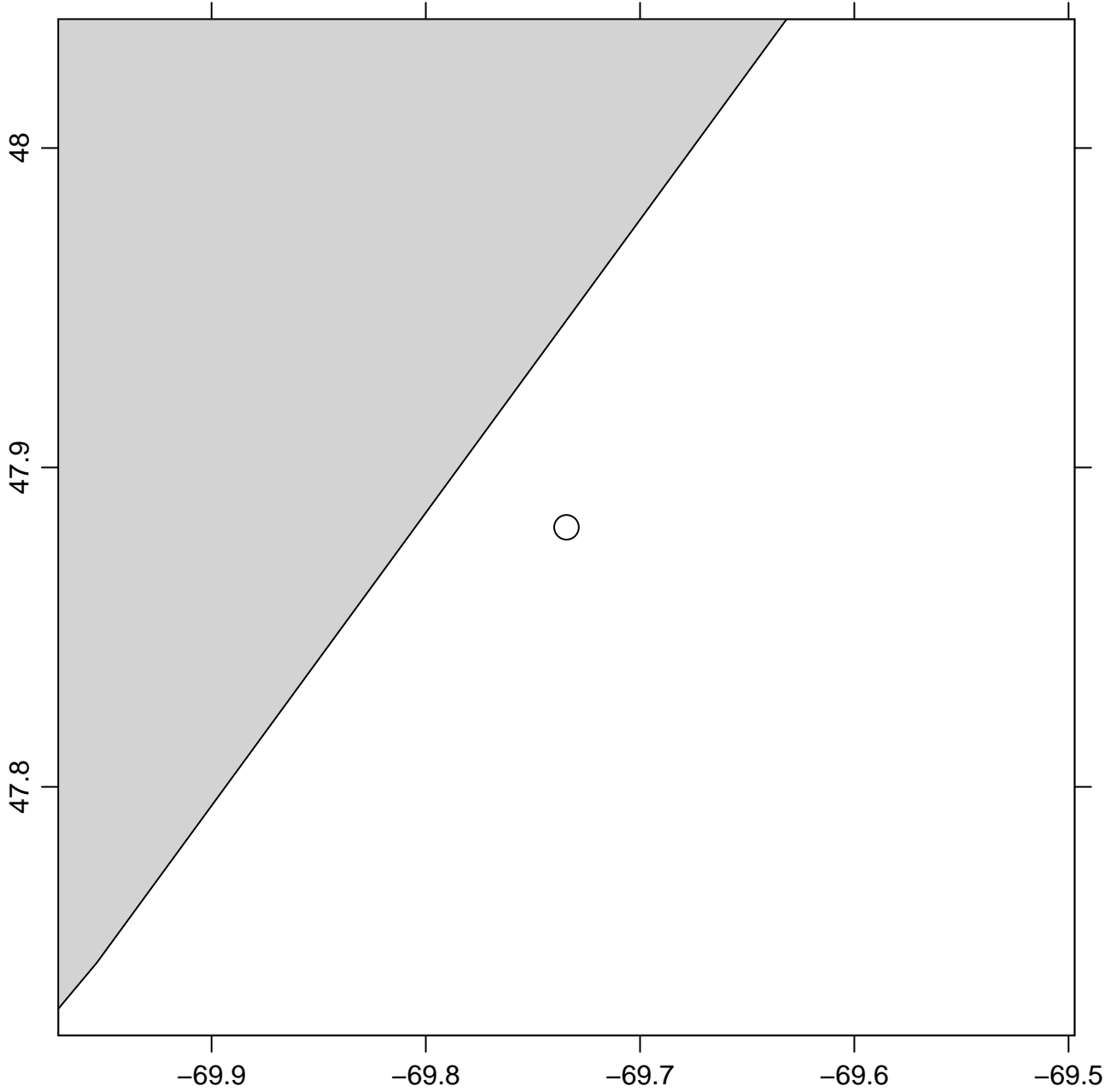
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q_3

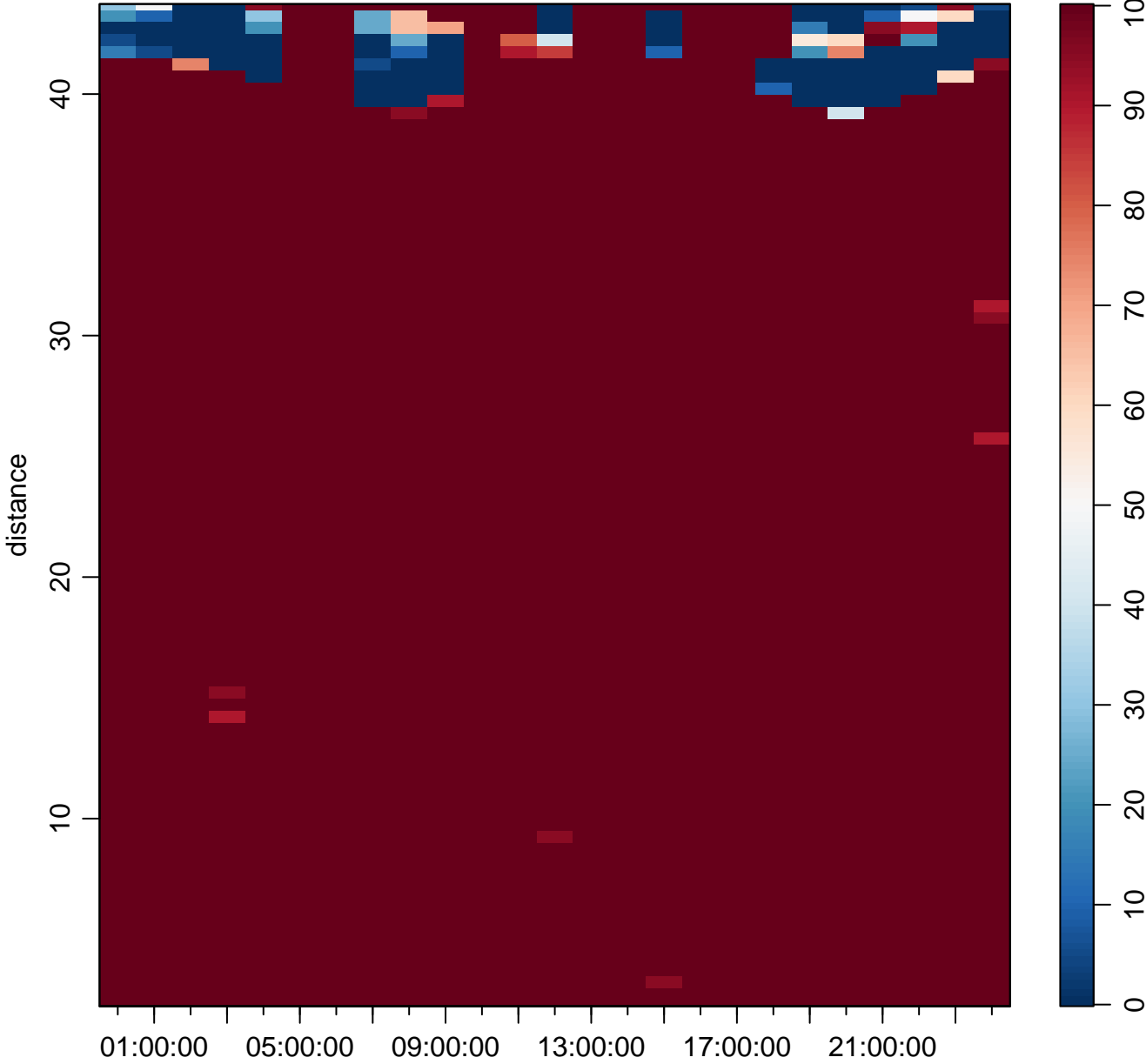


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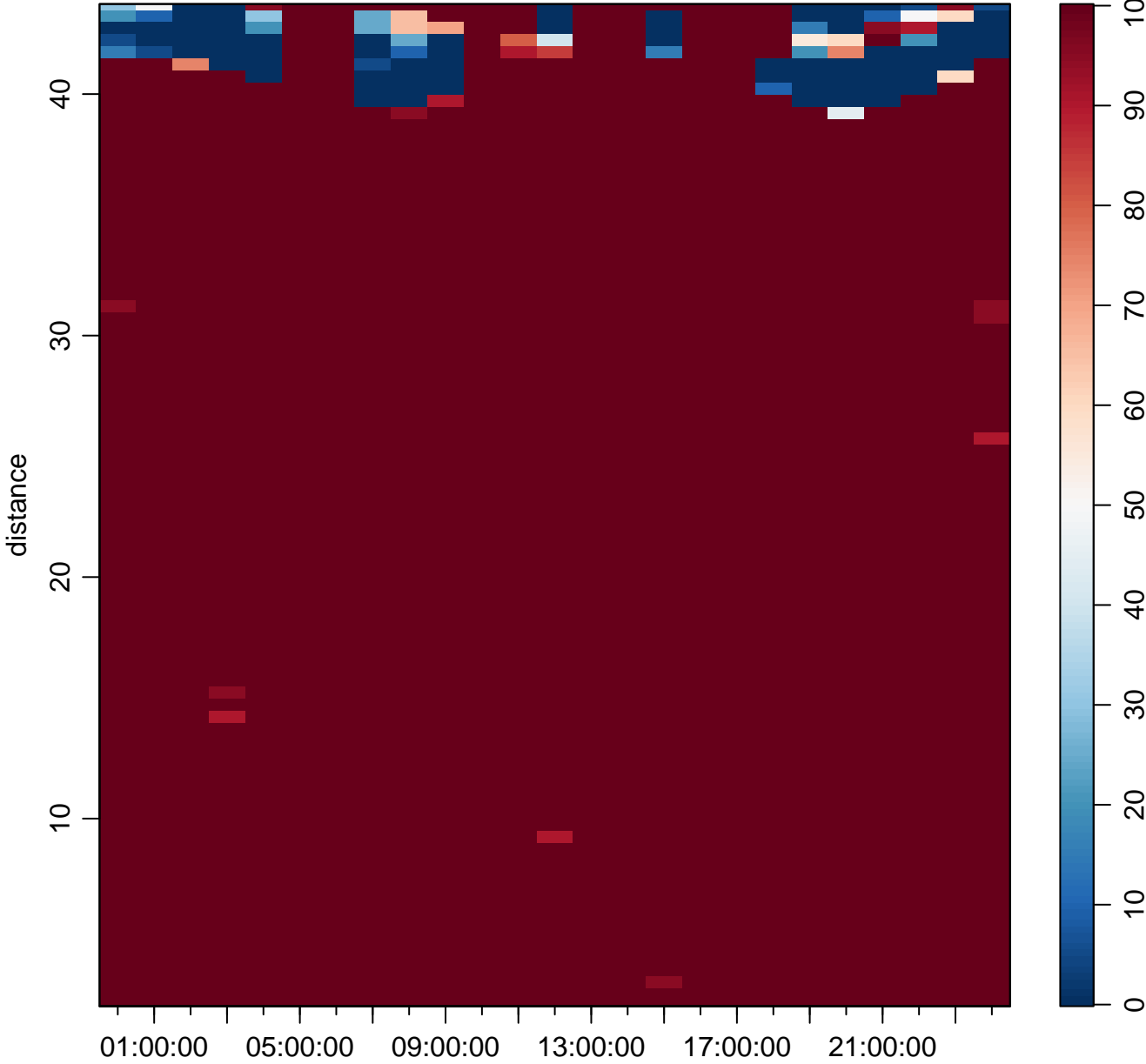




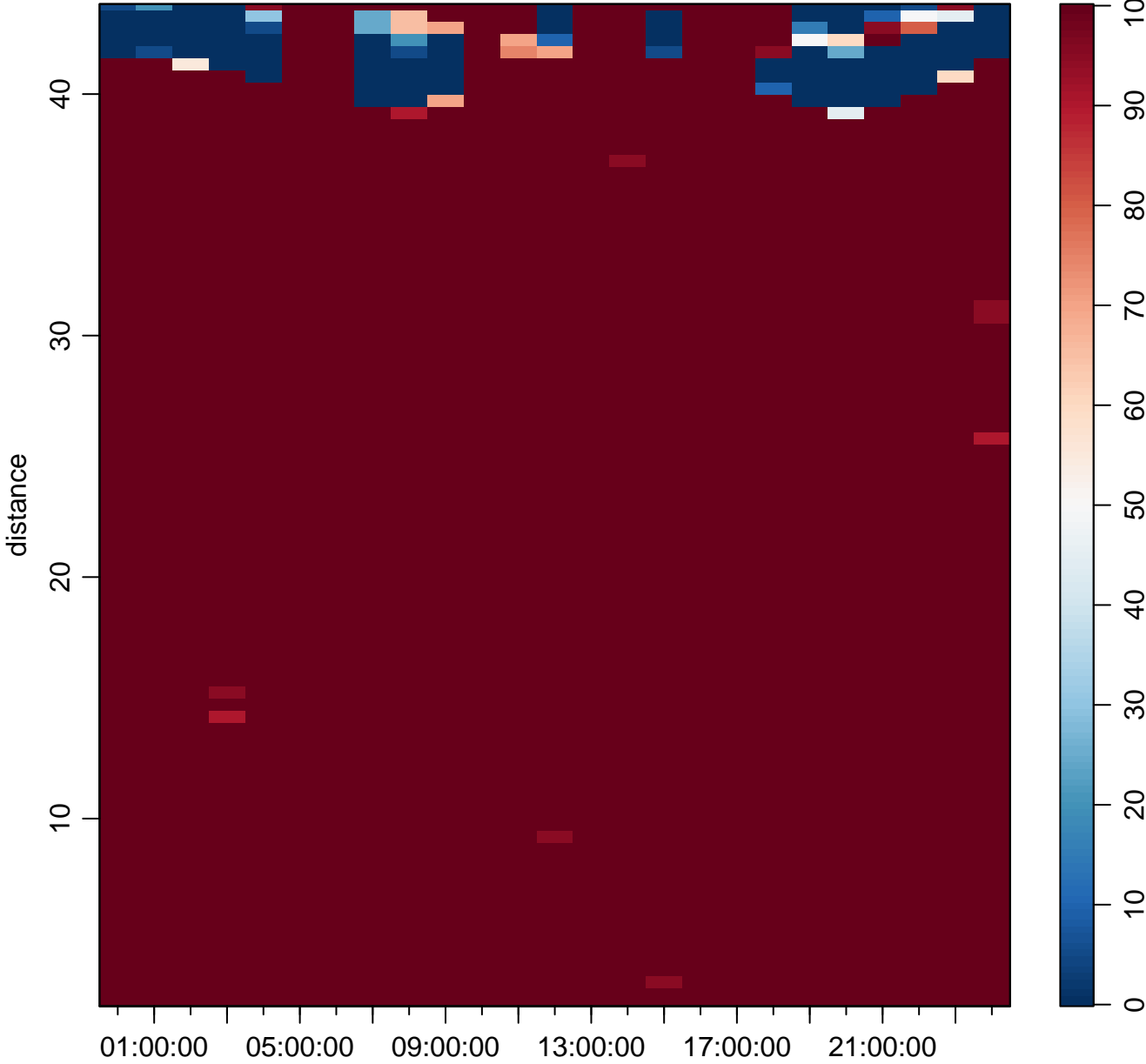
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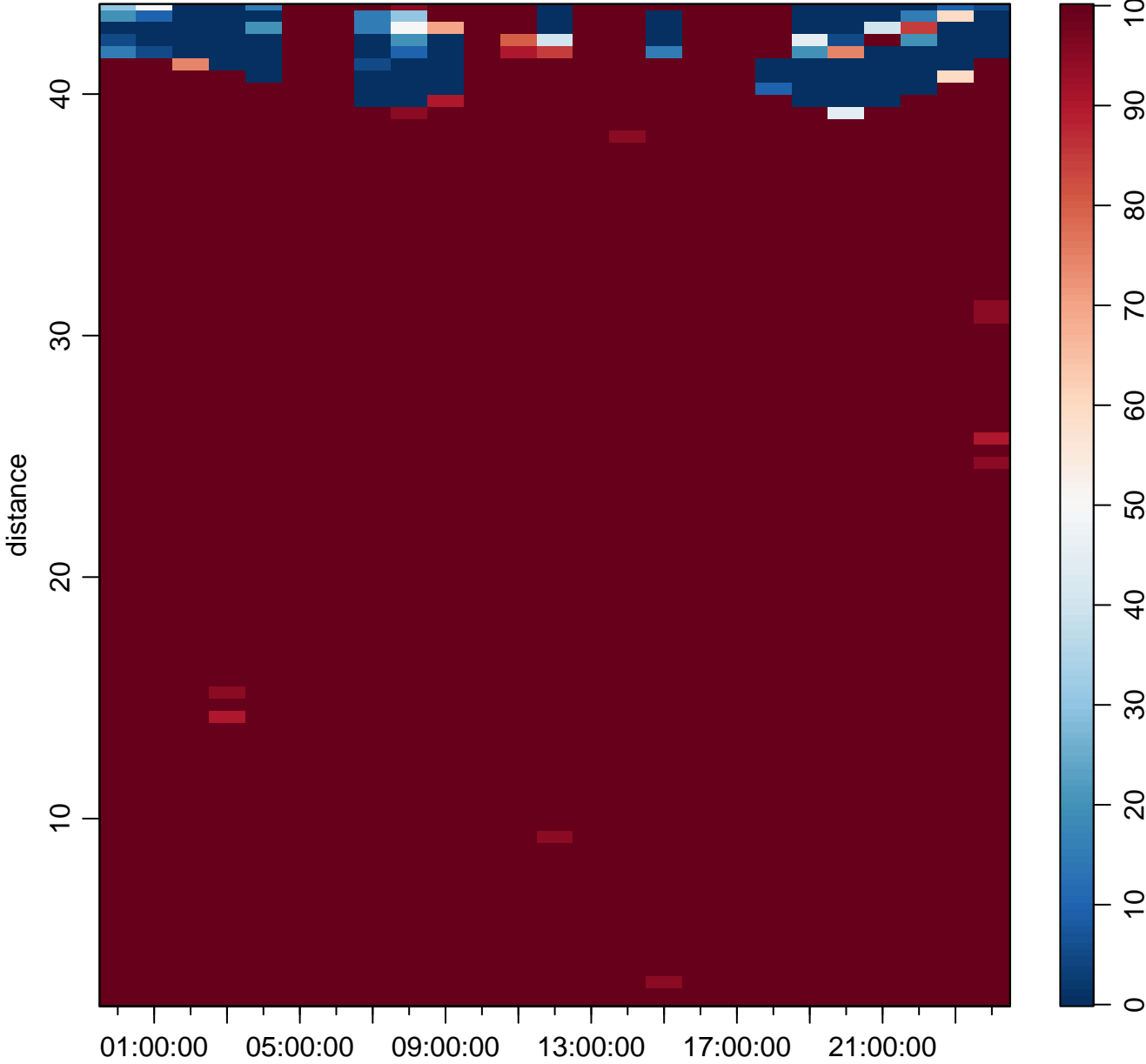
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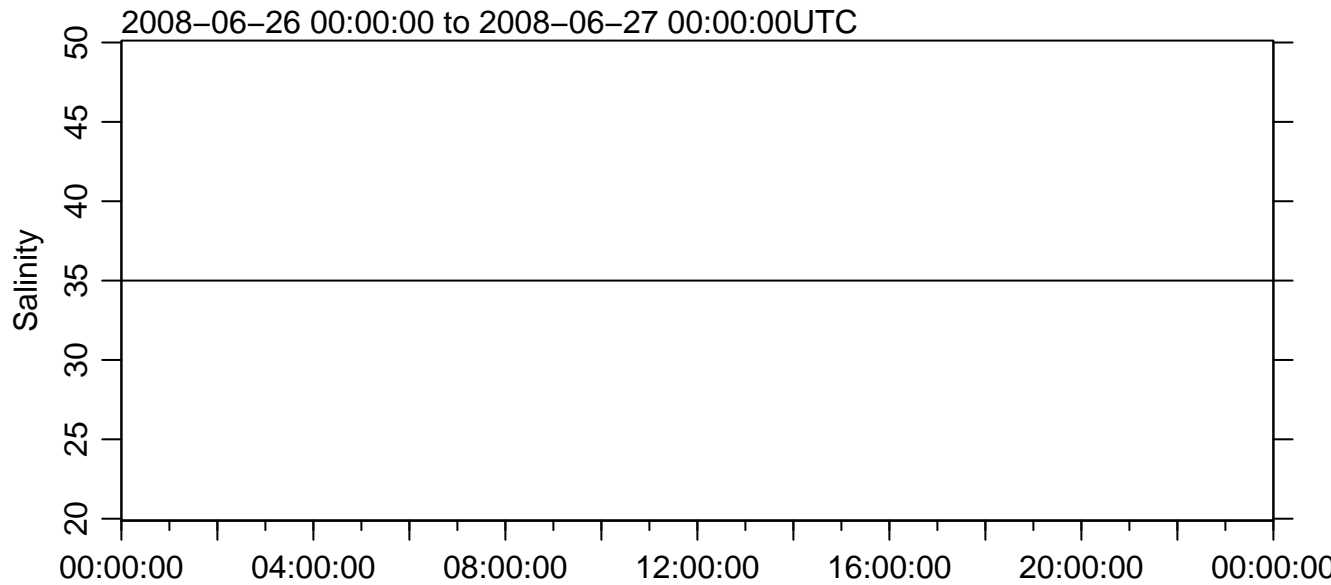


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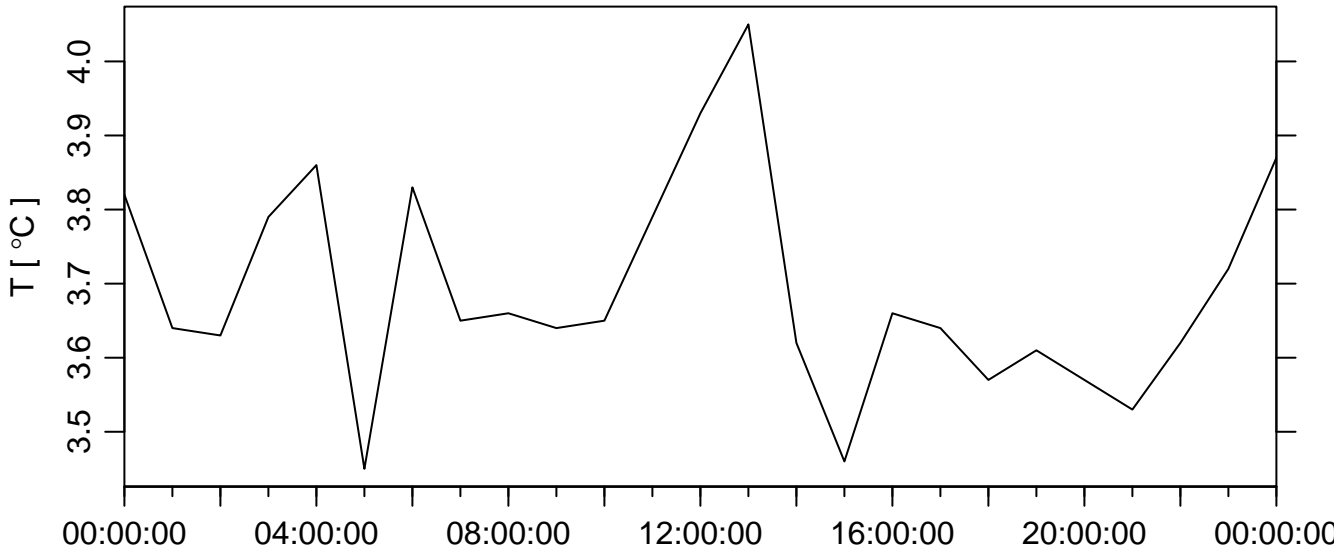


2008-06-25 23:30:00 to 2008-06-27 00:30:00UTC

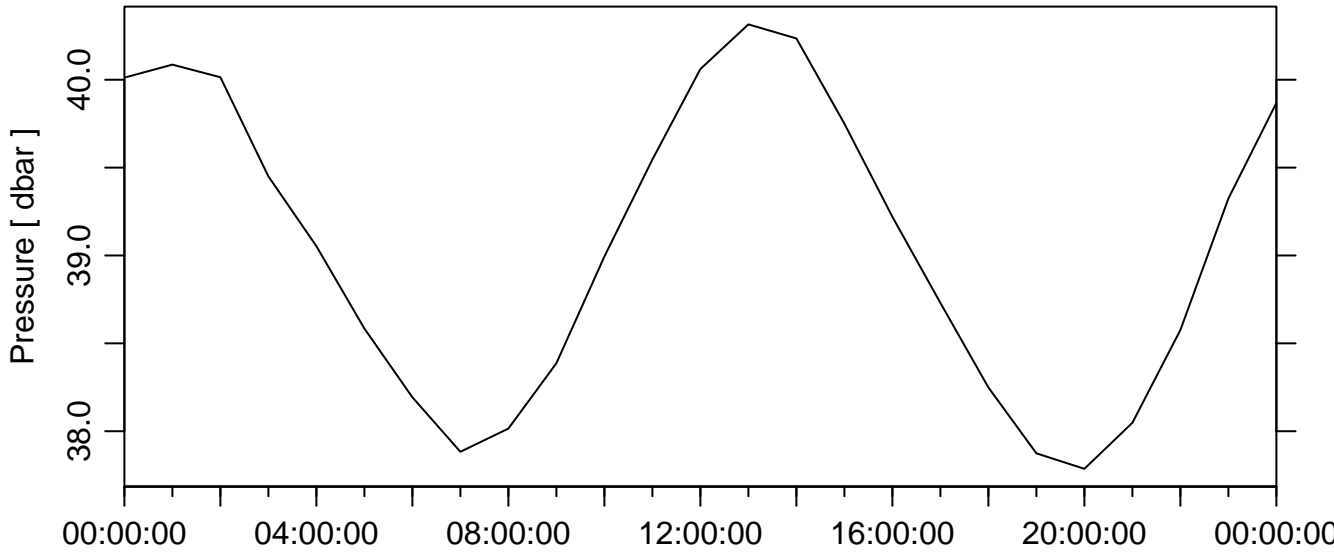




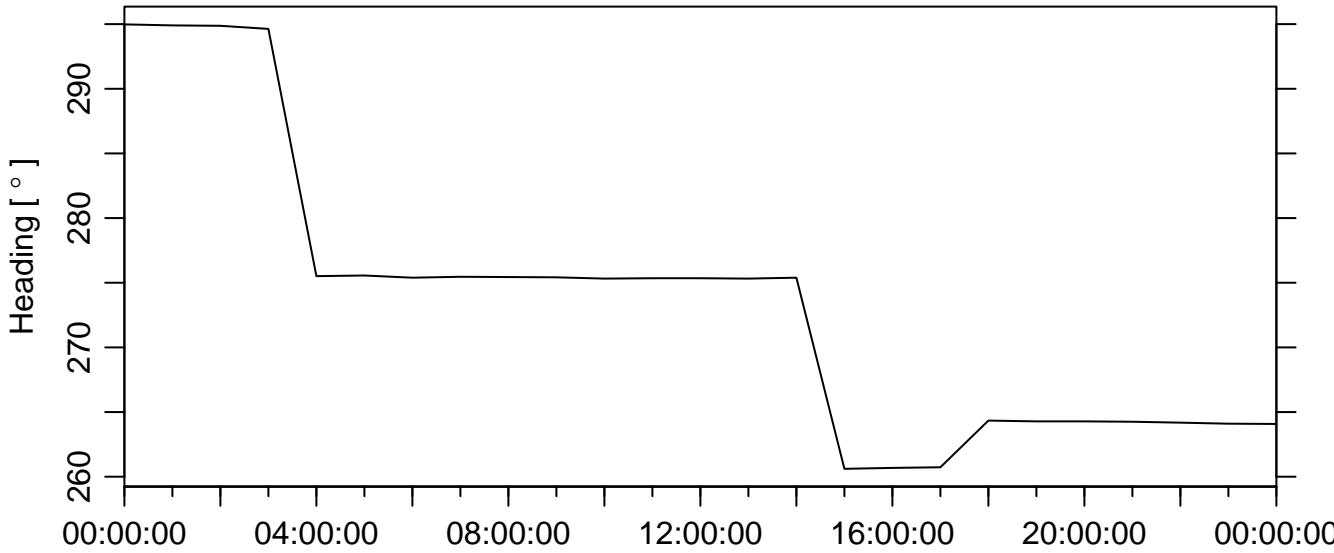
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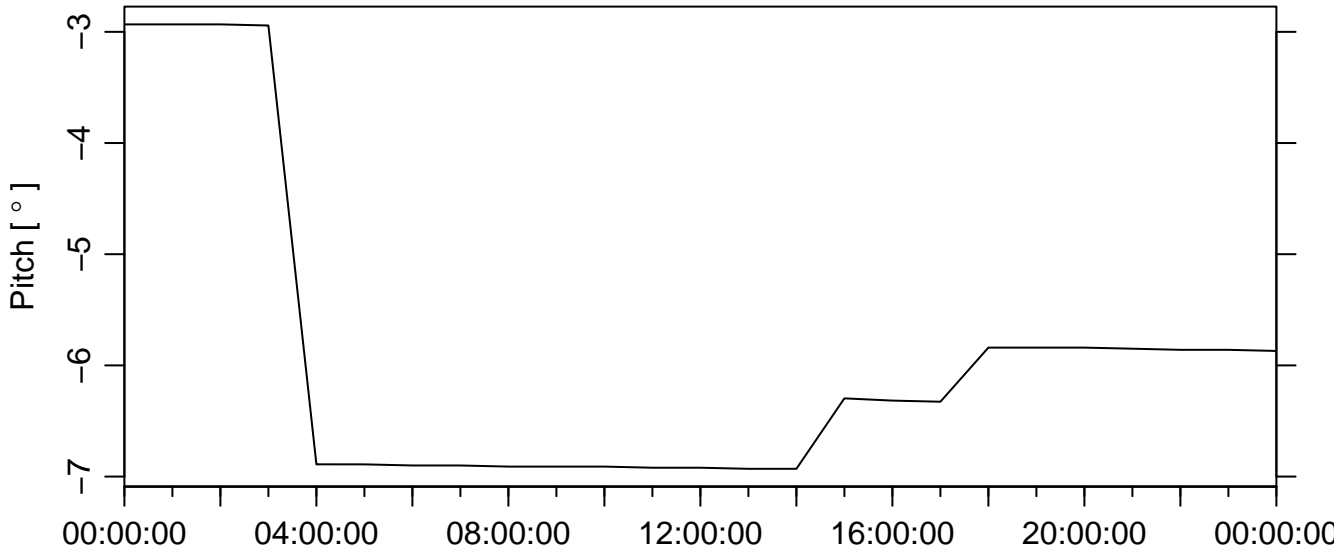
2008-06-26 00:00:00 to 2008-06-27 00:00:00UTC



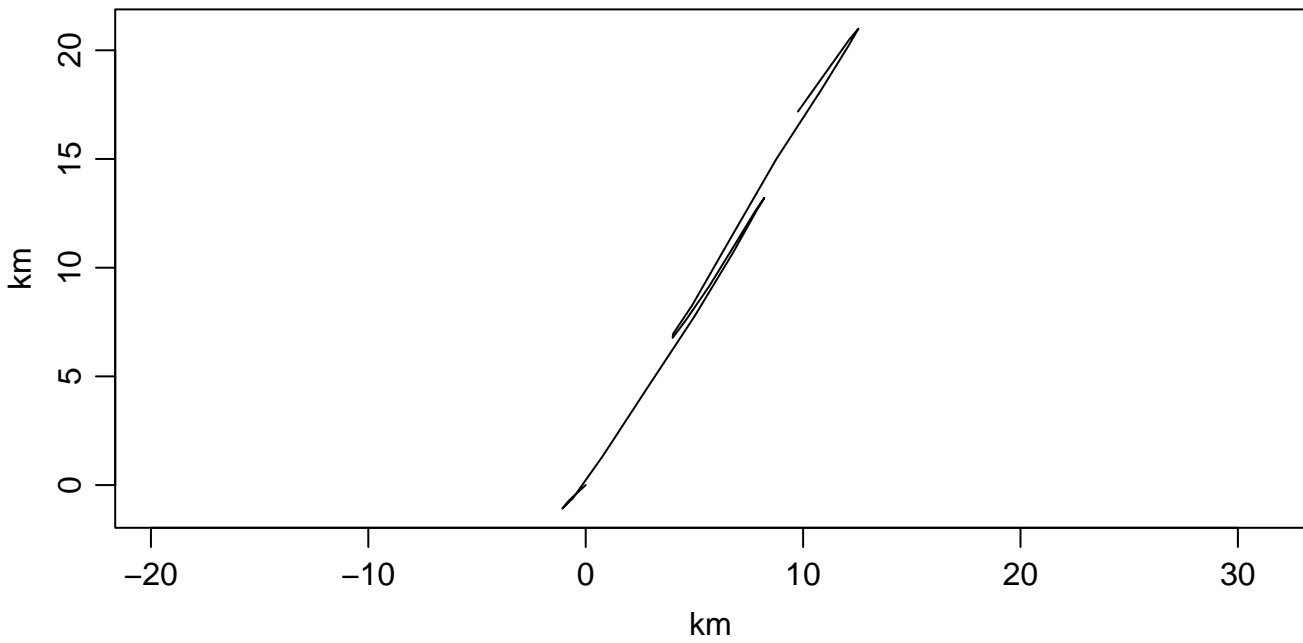
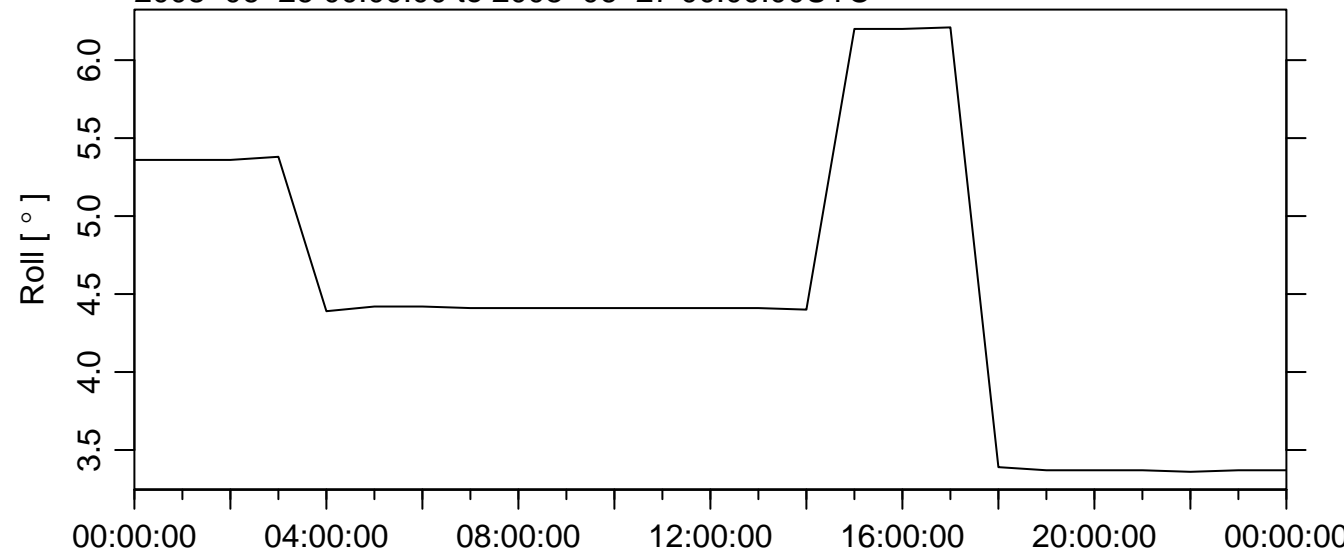
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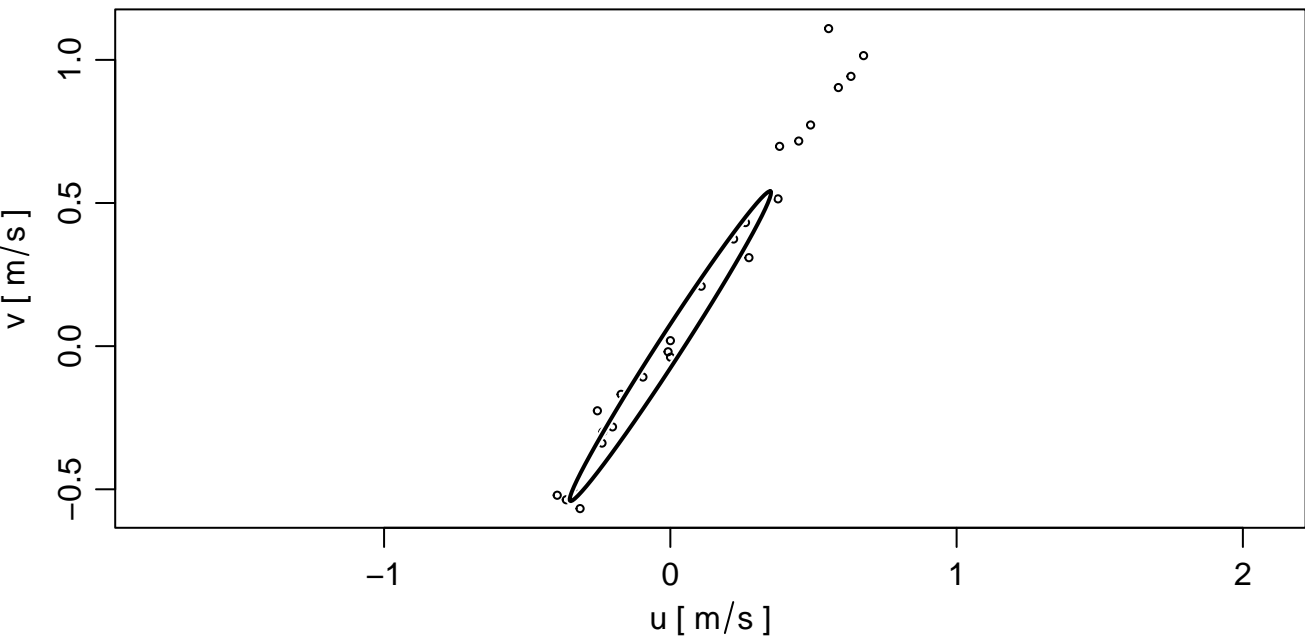
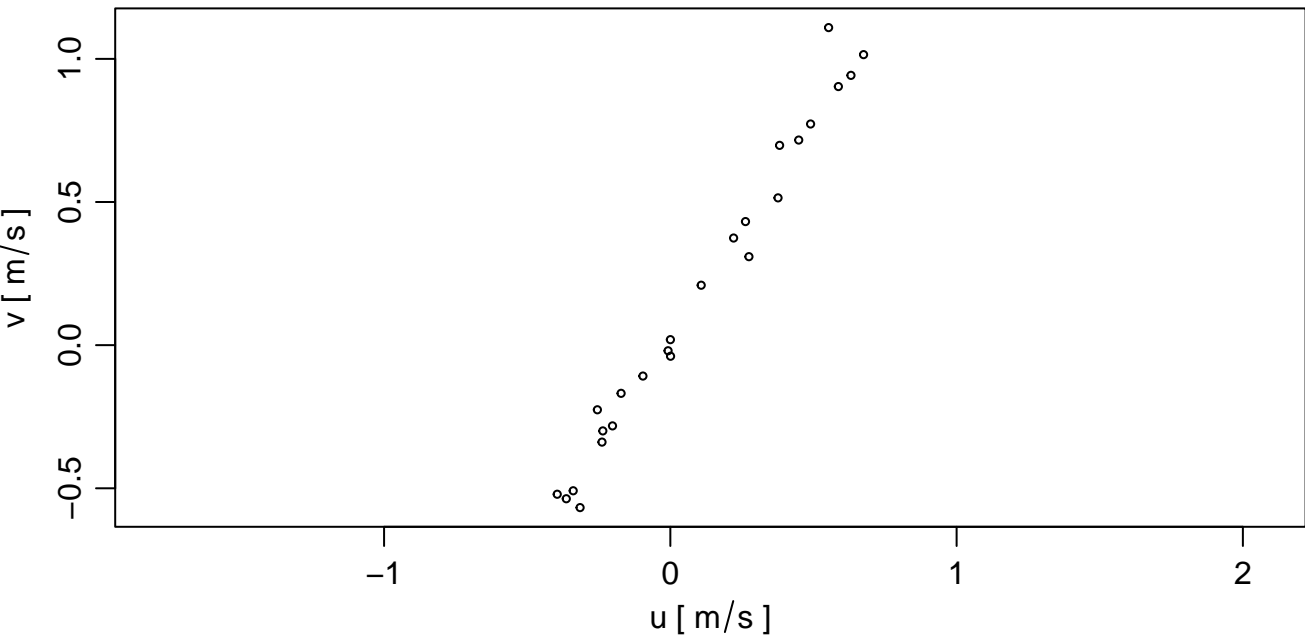


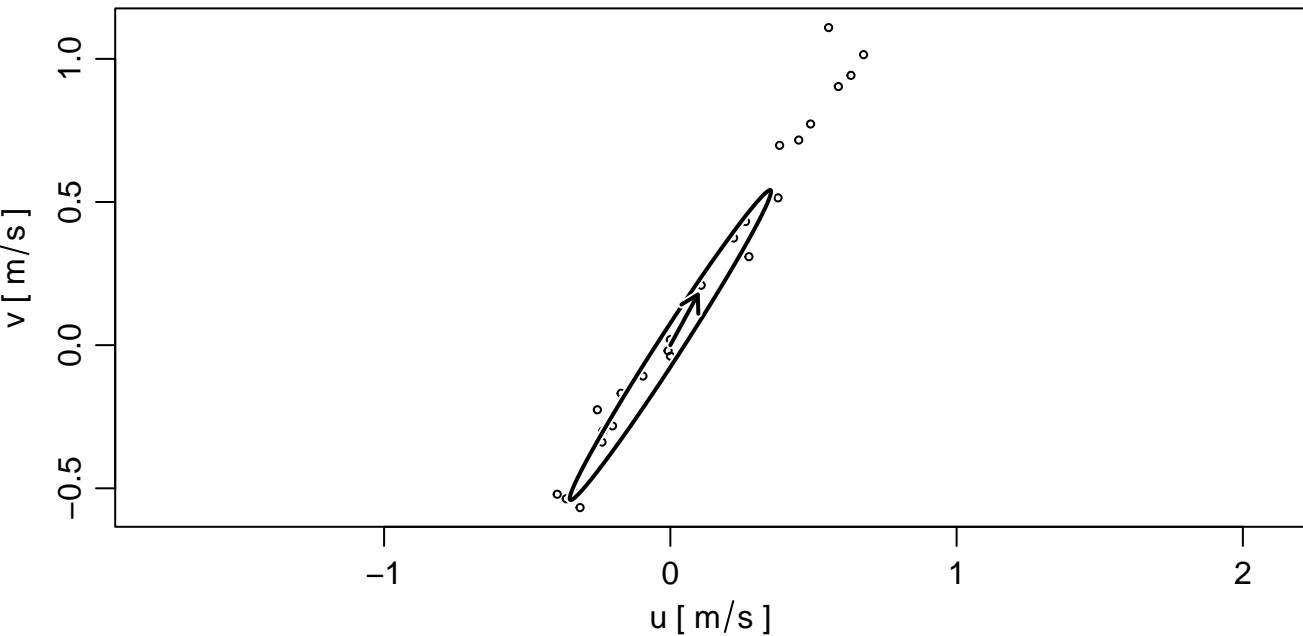
2008-06-26 00:00:00 to 2008-06-27 00:00:00UTC



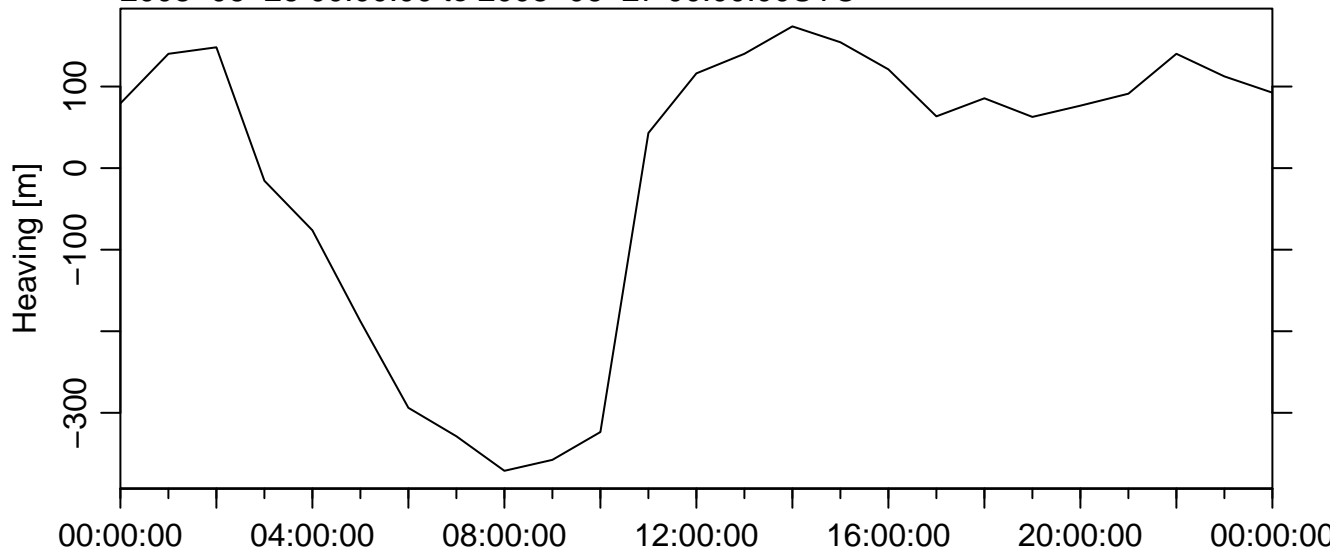
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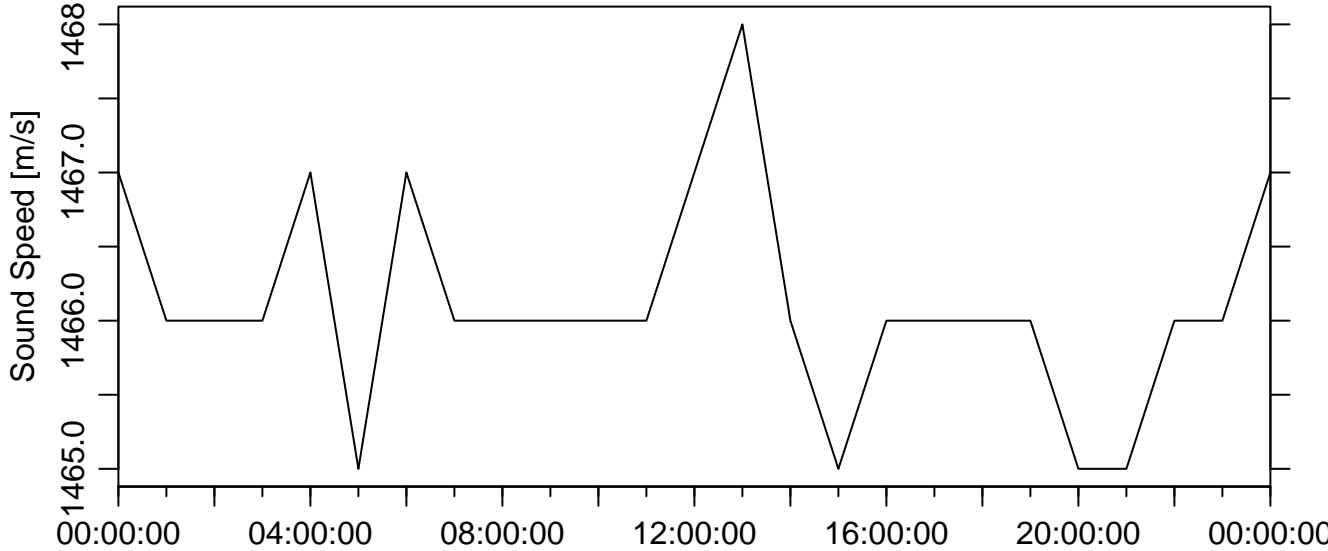




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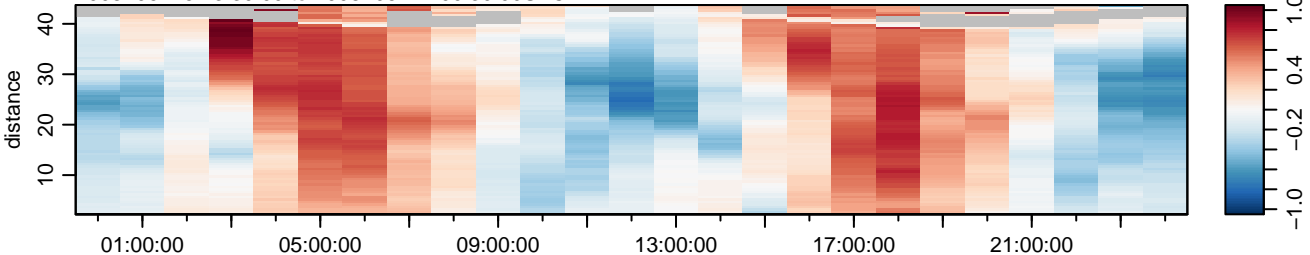


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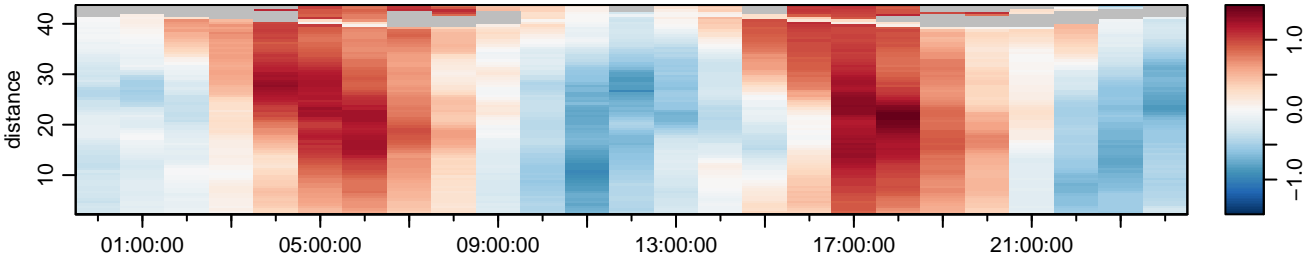


2008-06-25 23:30:00 to 2008-06-27 00:30:00UTC

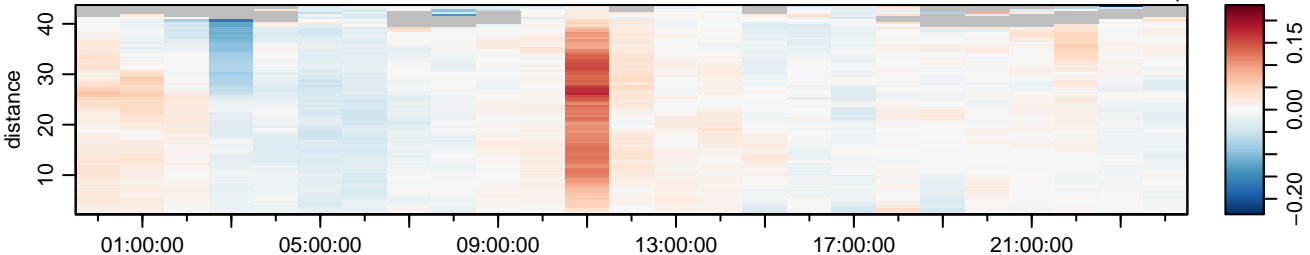
east



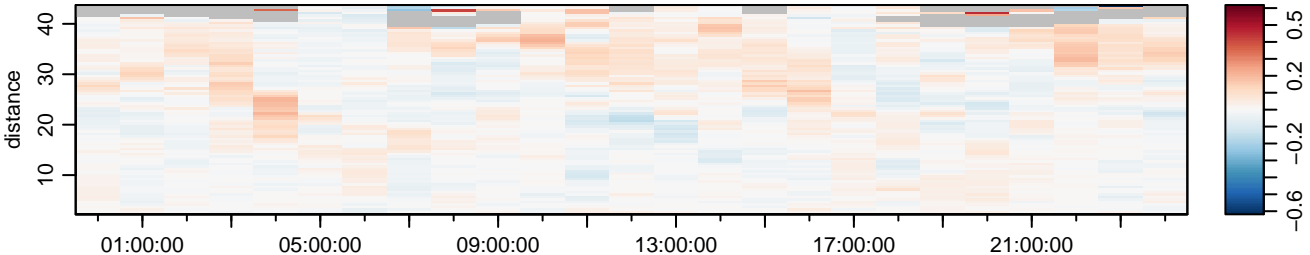
north



up

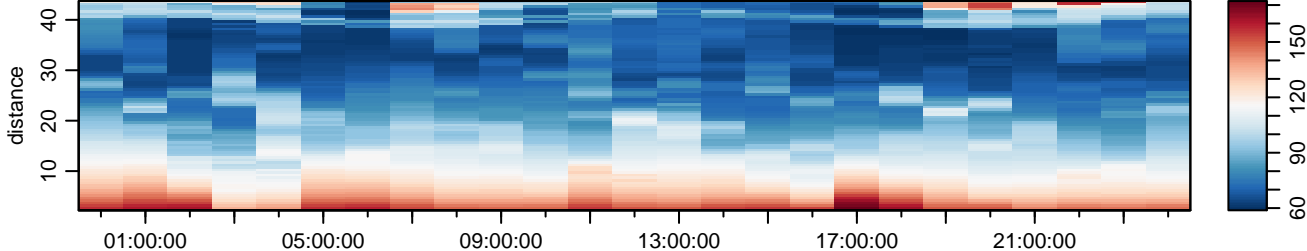


error

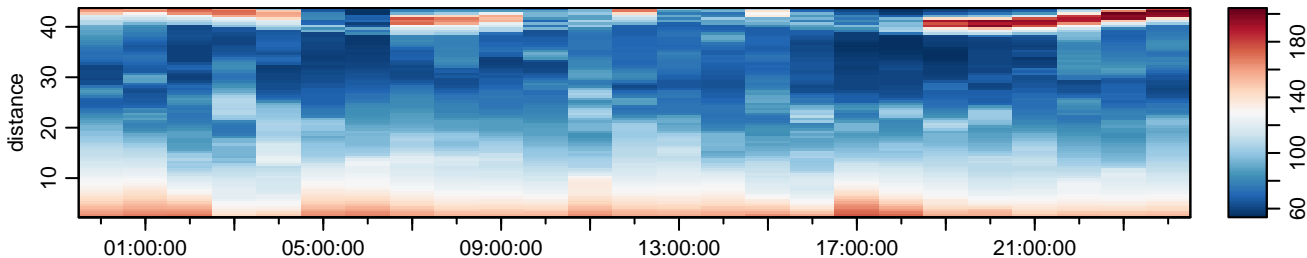


2008-06-25 23:30:00 to 2008-06-27 00:30:00UTC

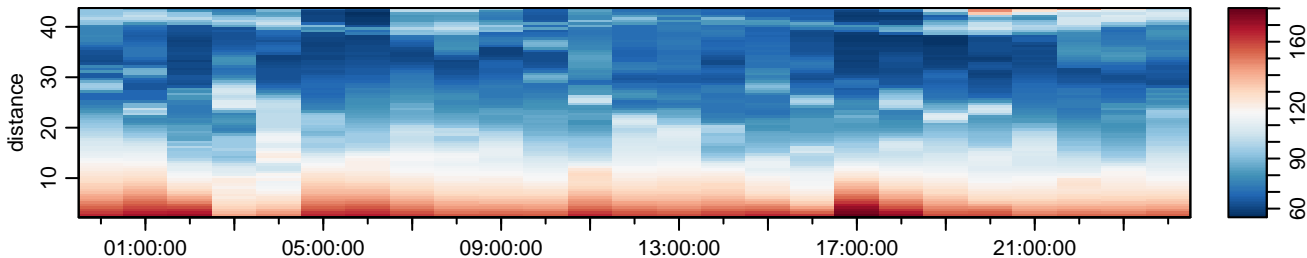
a₁



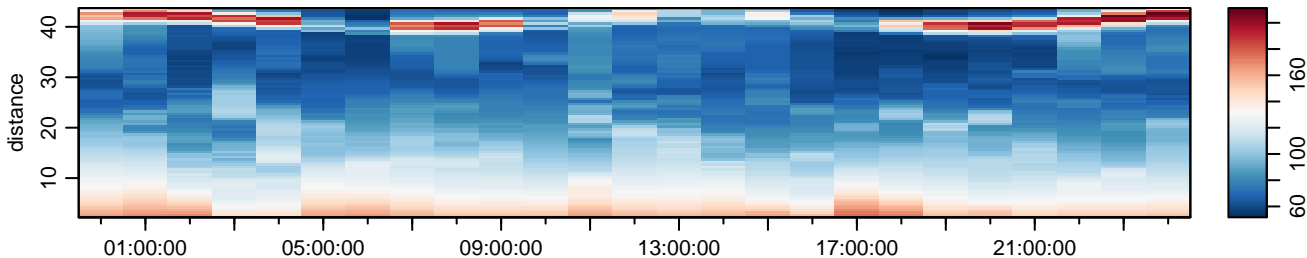
a₂

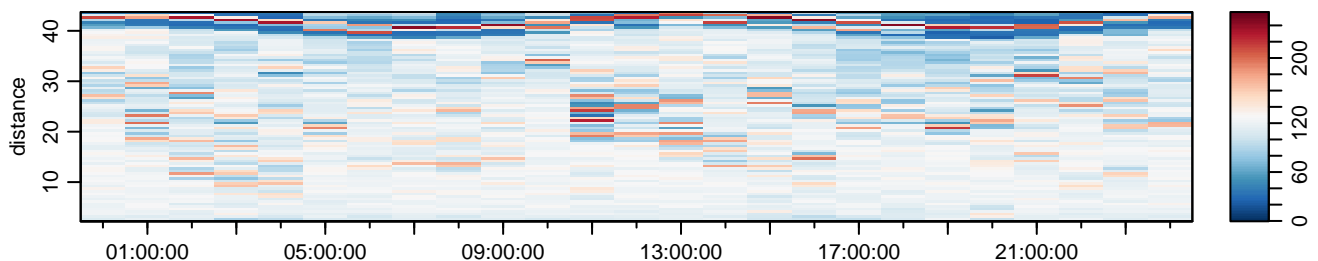
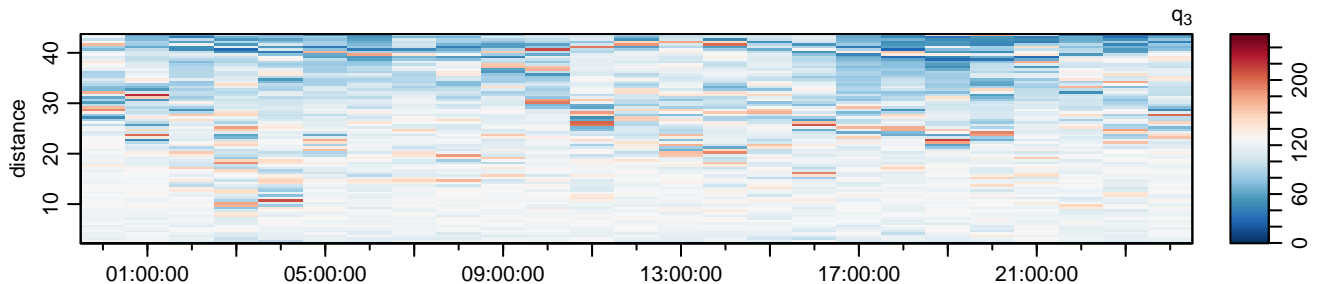
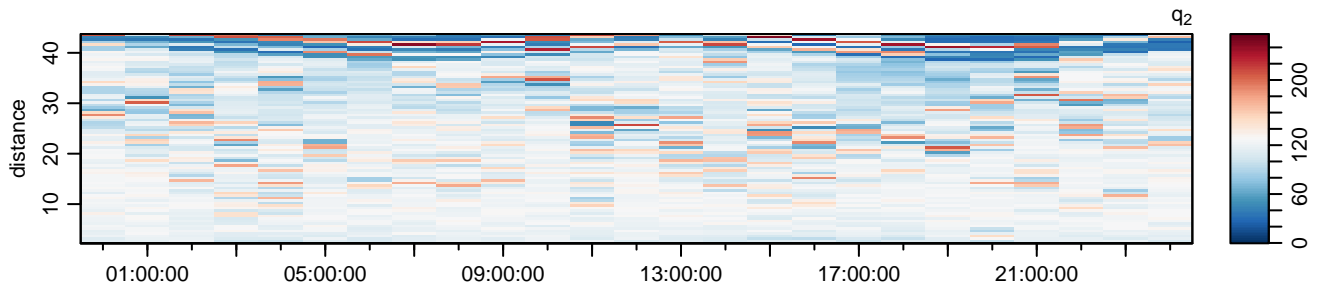
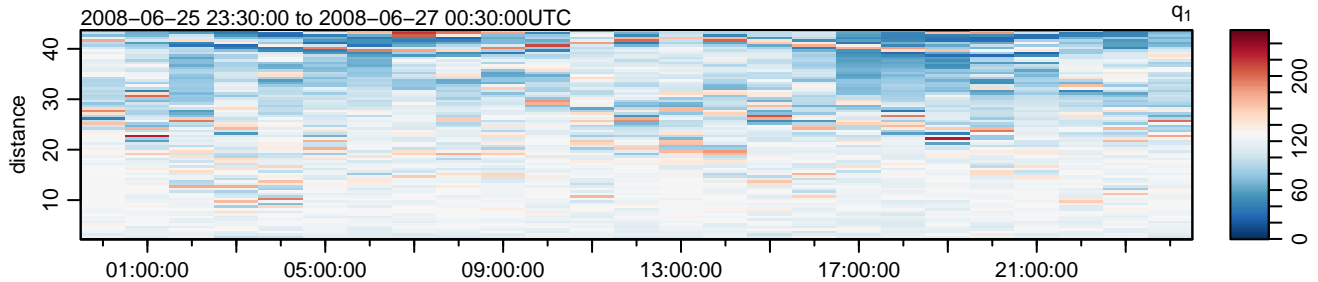


a₃

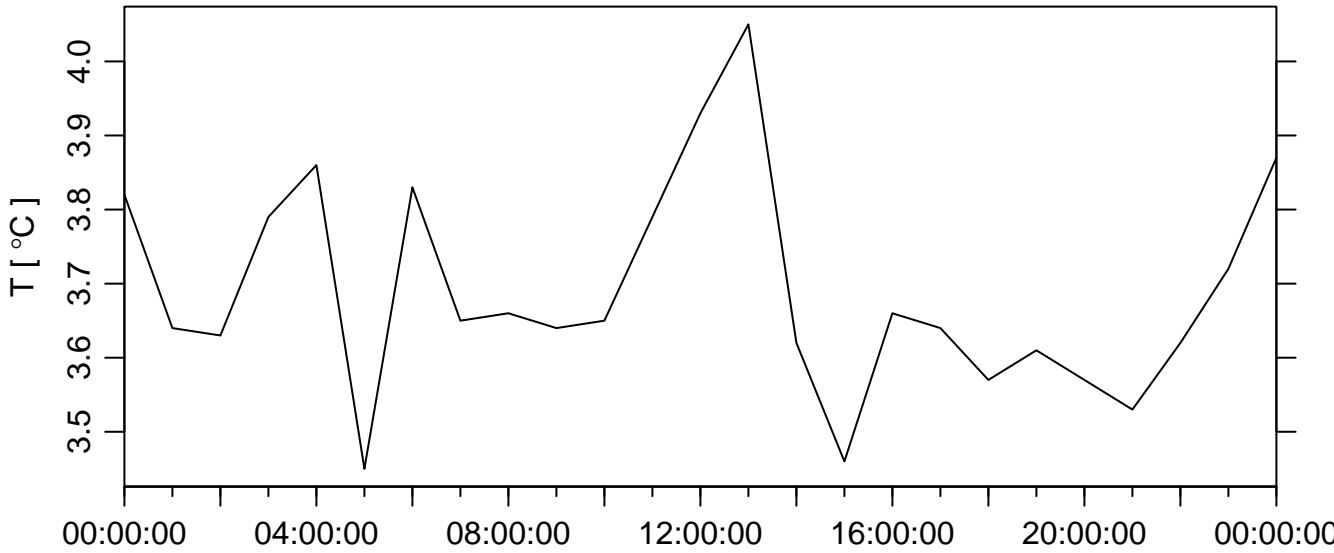


a₄

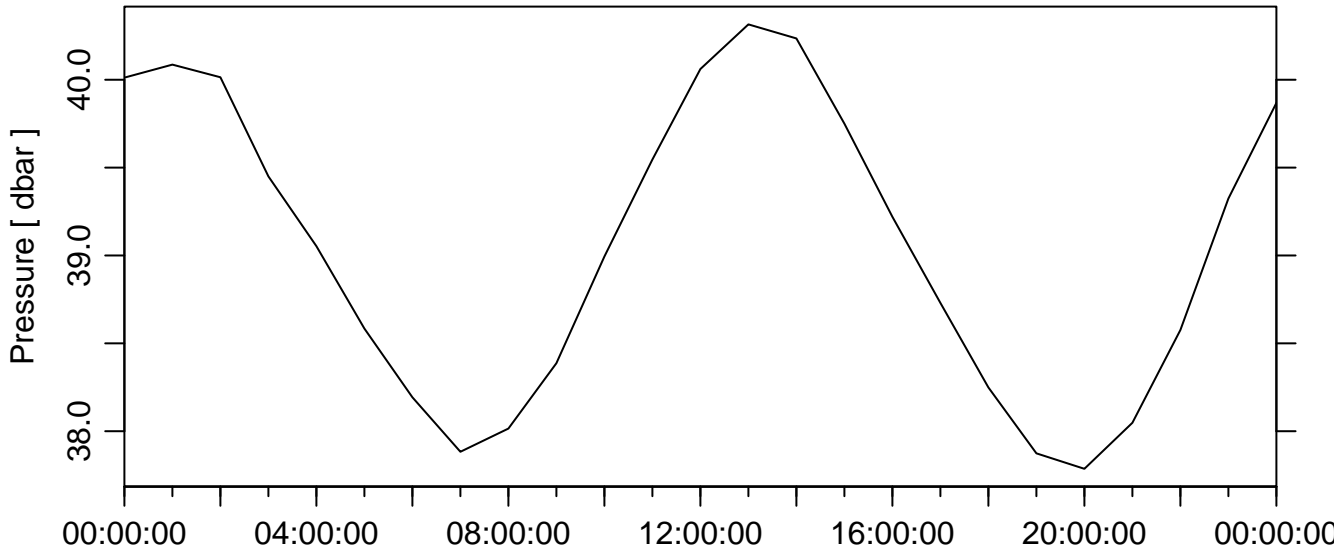




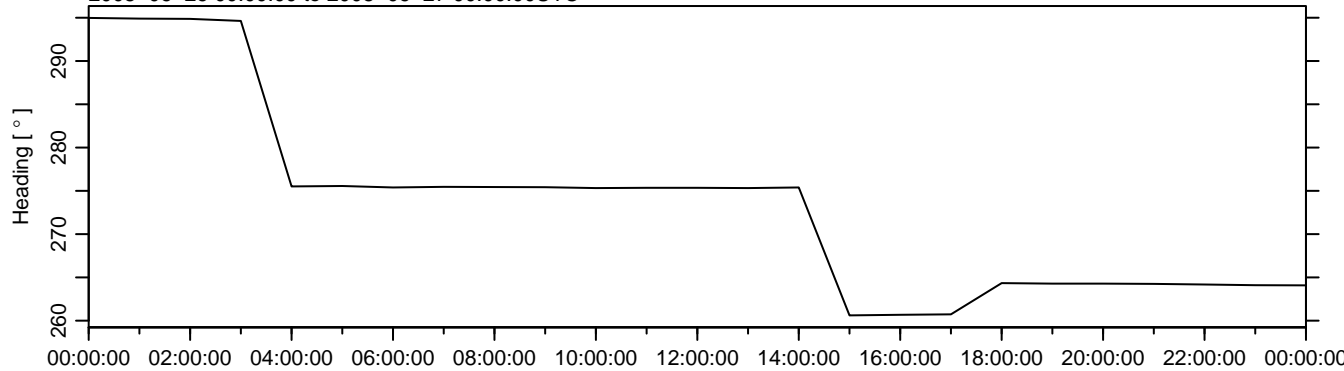
2008-06-26 00:00:00 to 2008-06-27 00:00:00UTC



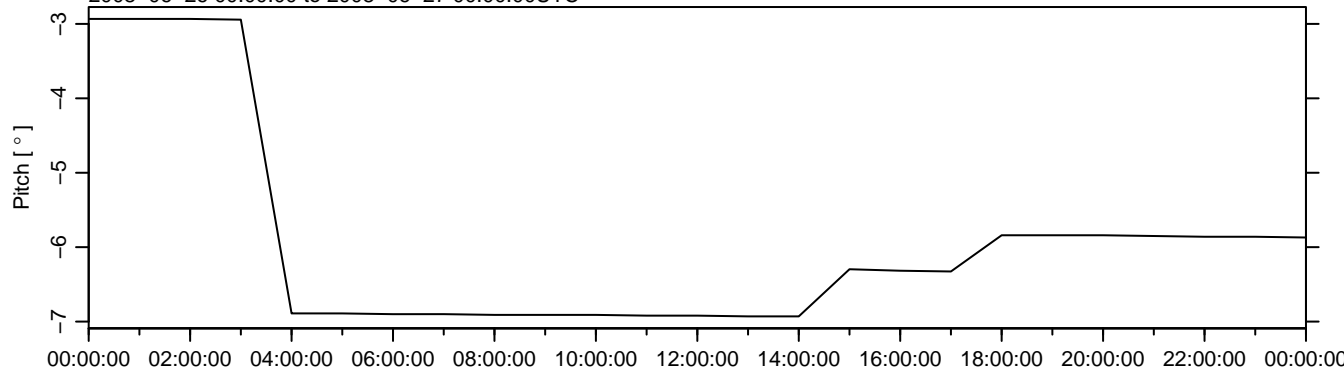
2008-06-26 00:00:00 to 2008-06-27 00:00:00UTC



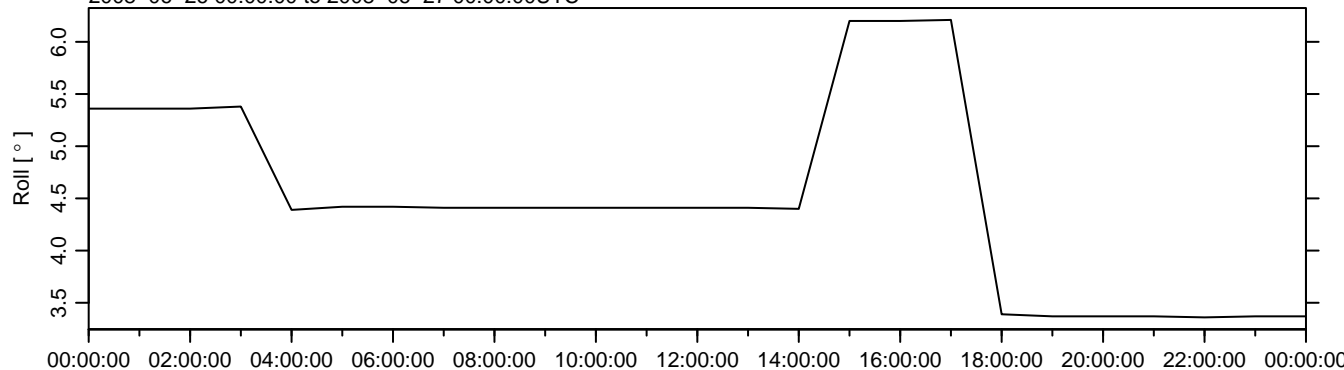
2008-06-26 00:00:00 to 2008-06-27 00:00:00UTC

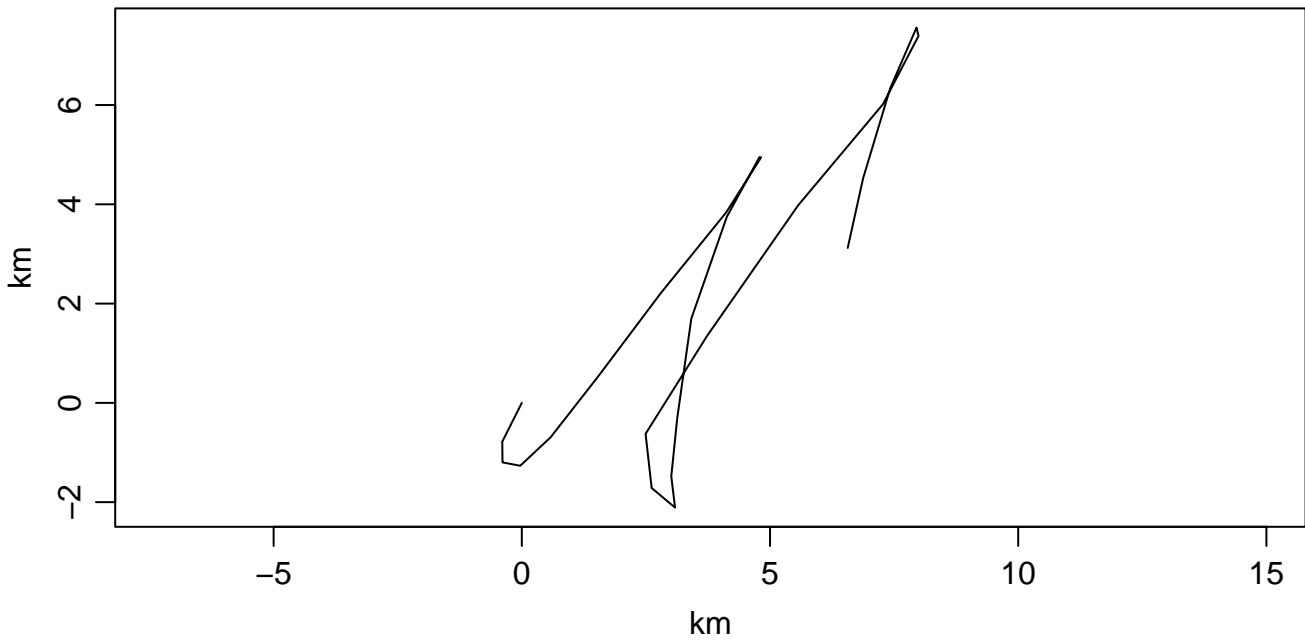


2008-06-26 00:00:00 to 2008-06-27 00:00:00UTC



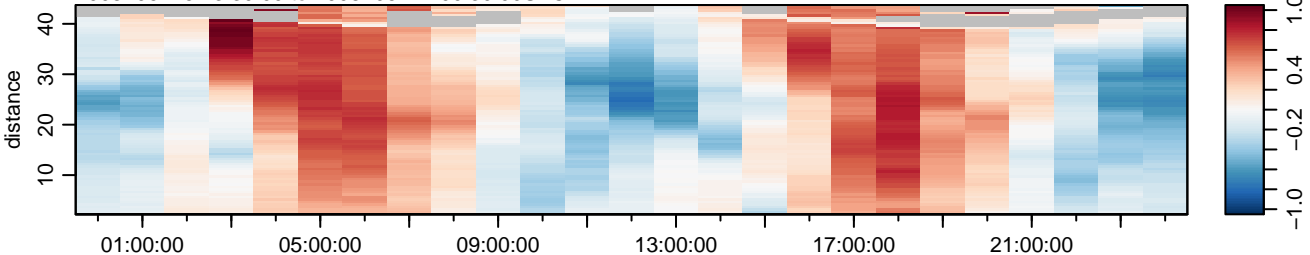
2008-06-26 00:00:00 to 2008-06-27 00:00:00UTC



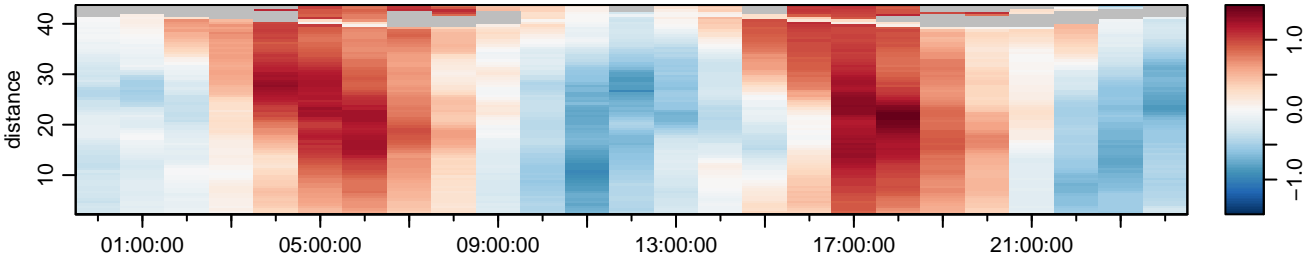


2008-06-25 23:30:00 to 2008-06-27 00:30:00UTC

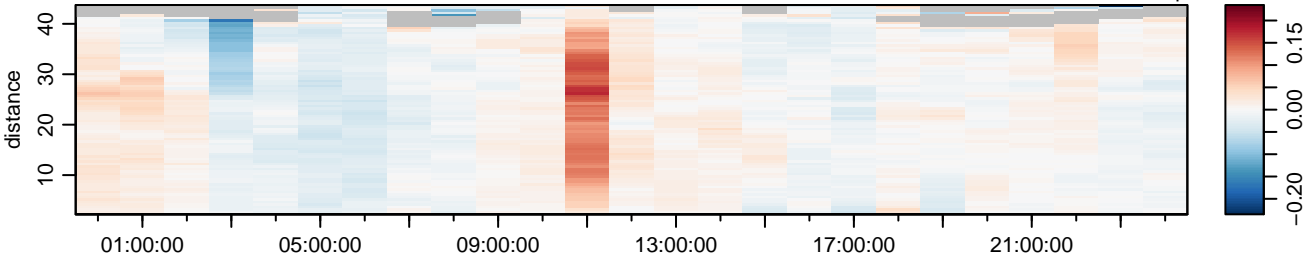
east



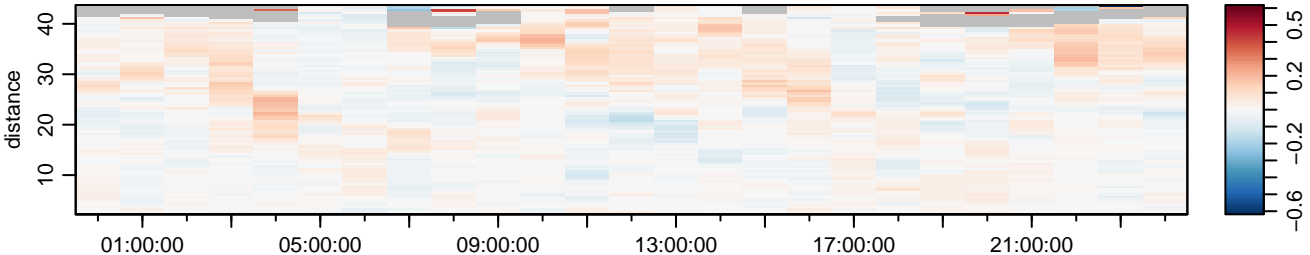
north

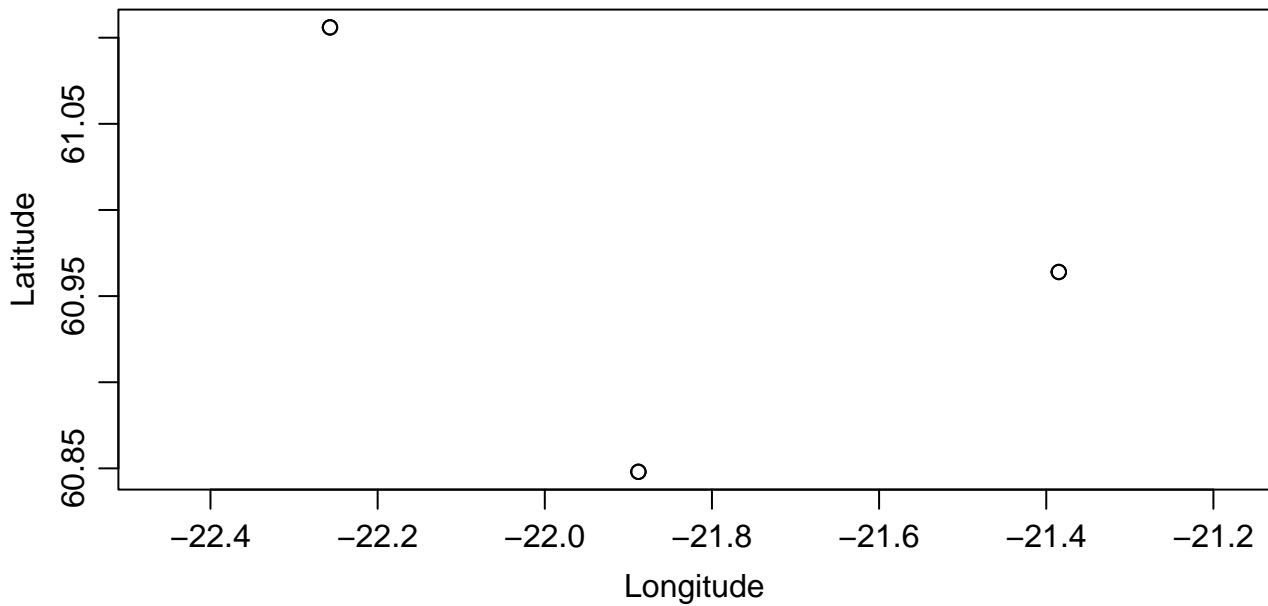
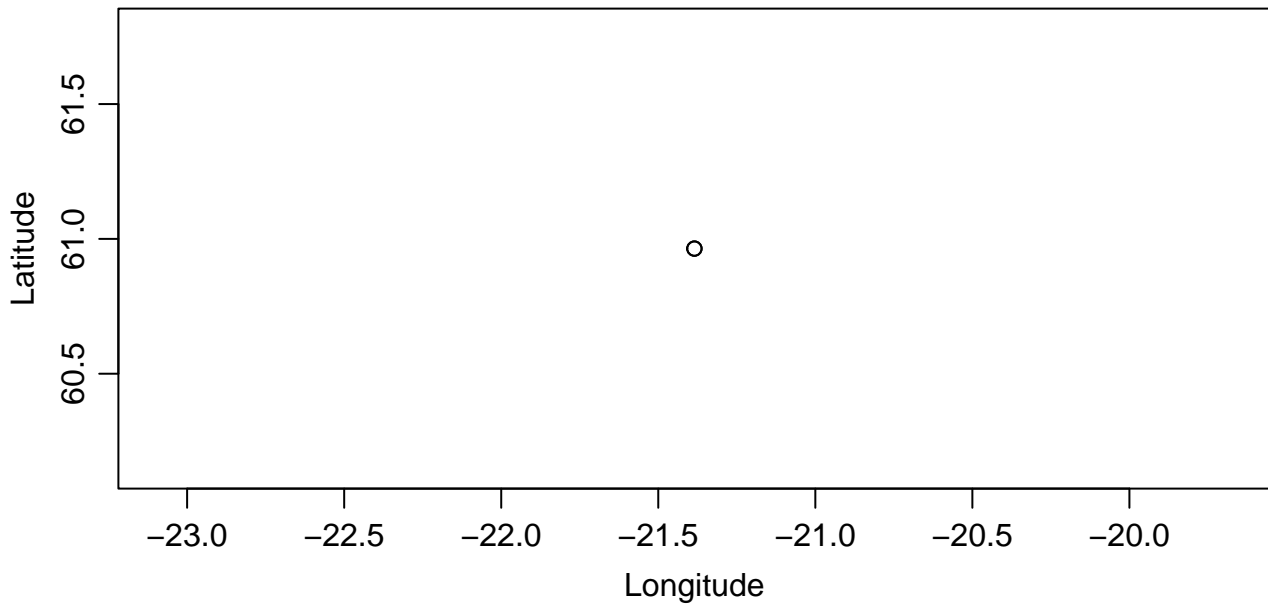


up

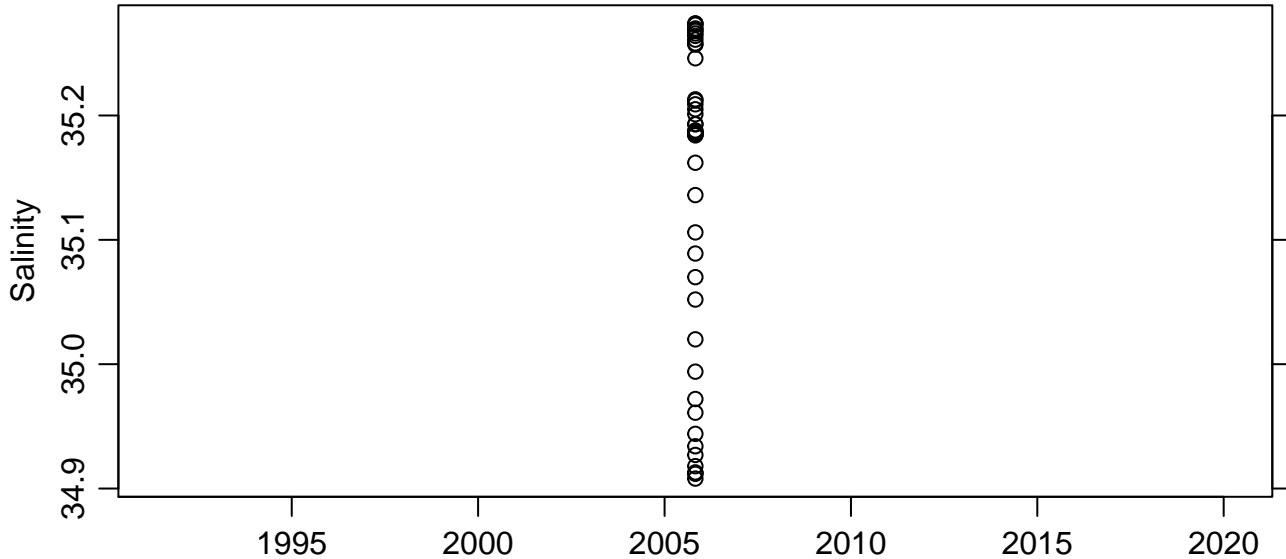


error

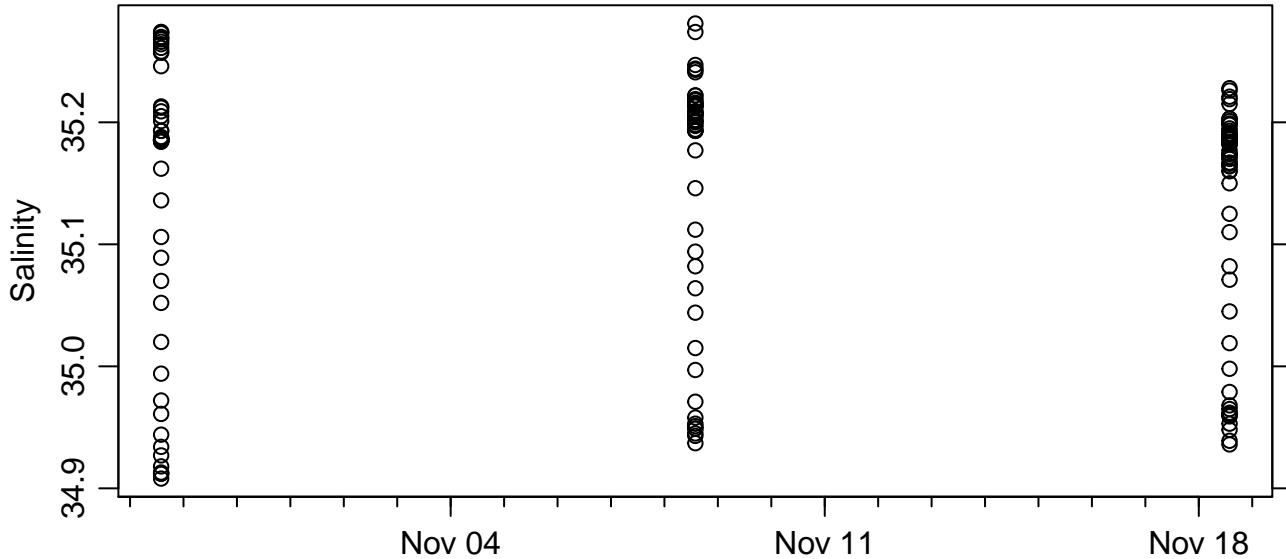




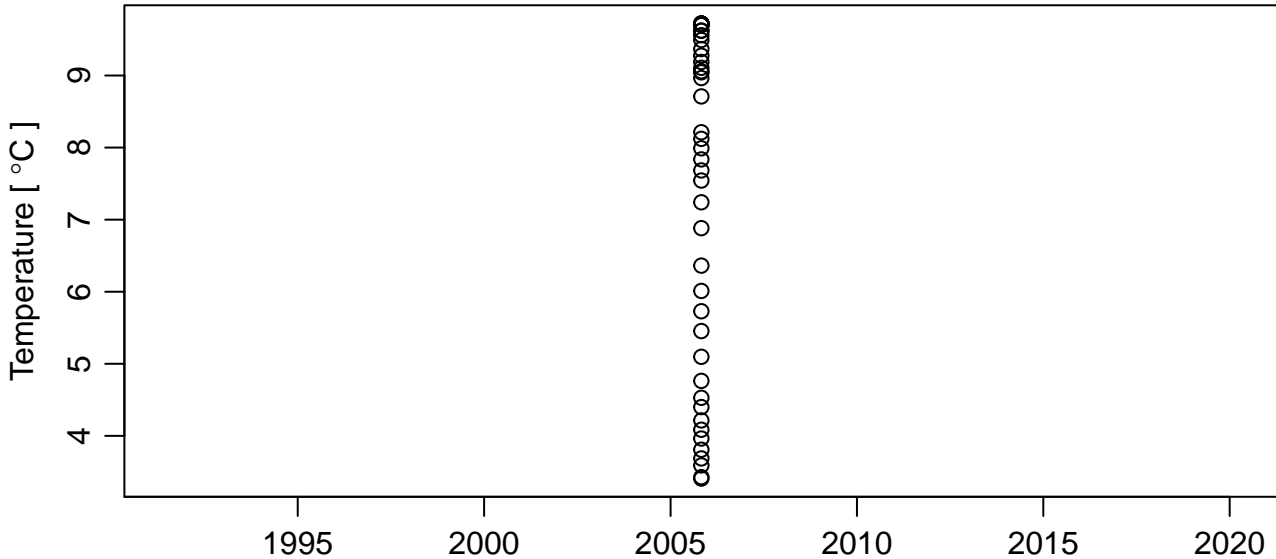
1990-05-08 14:39:00 to 2021-04-21 13:16:23



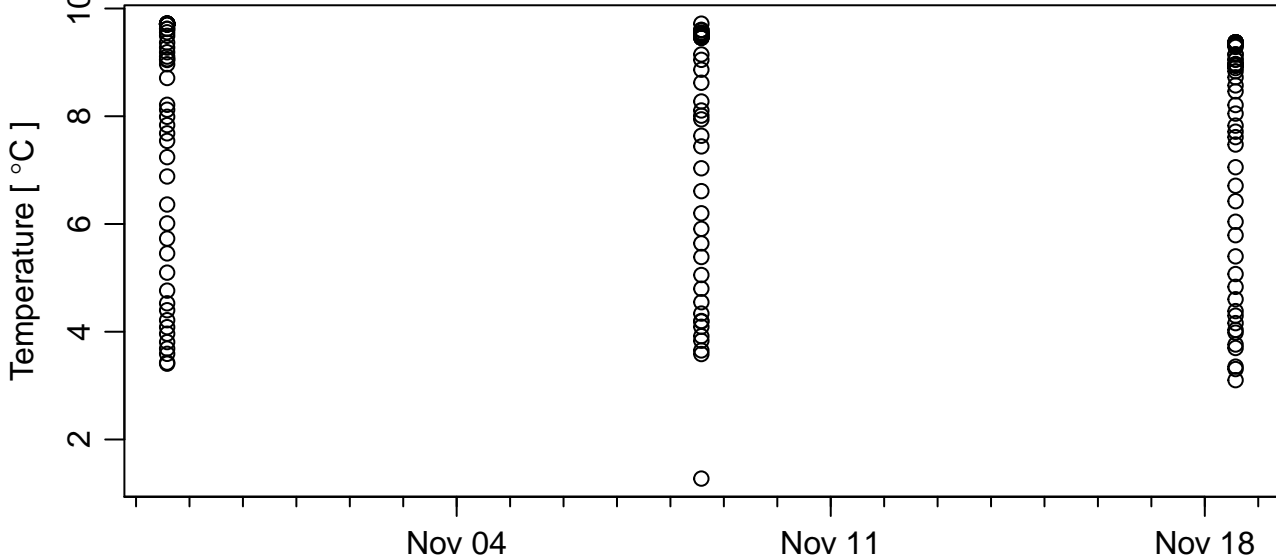
2005-10-28 18:46:01 to 2005-11-19 09:01:19

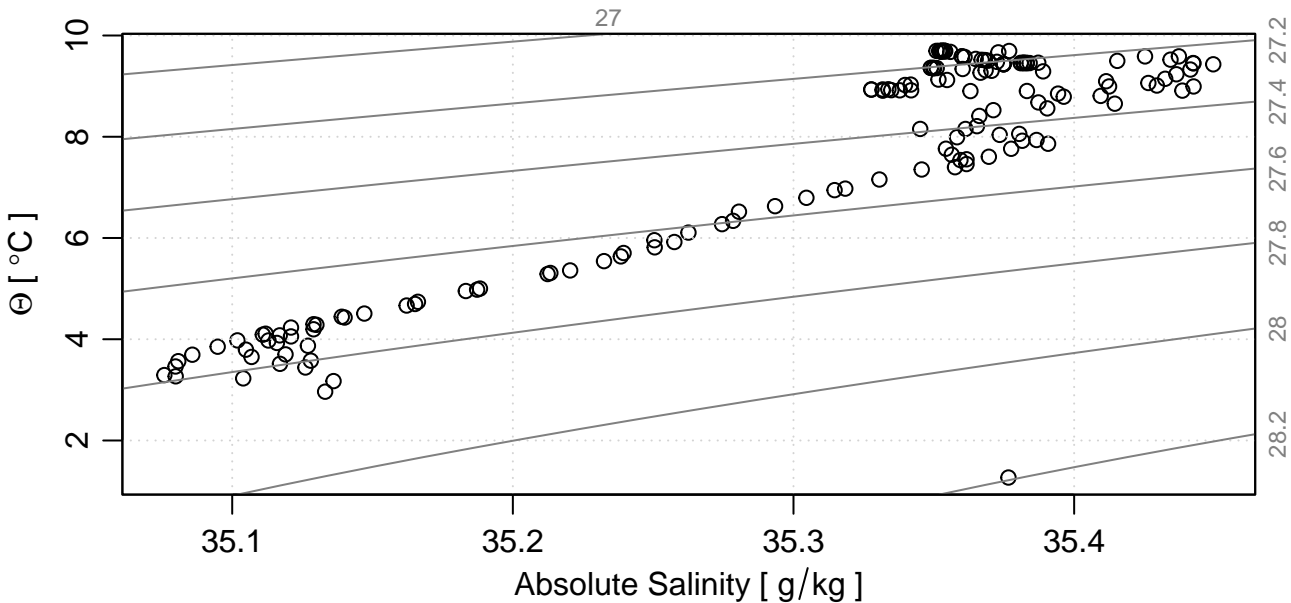
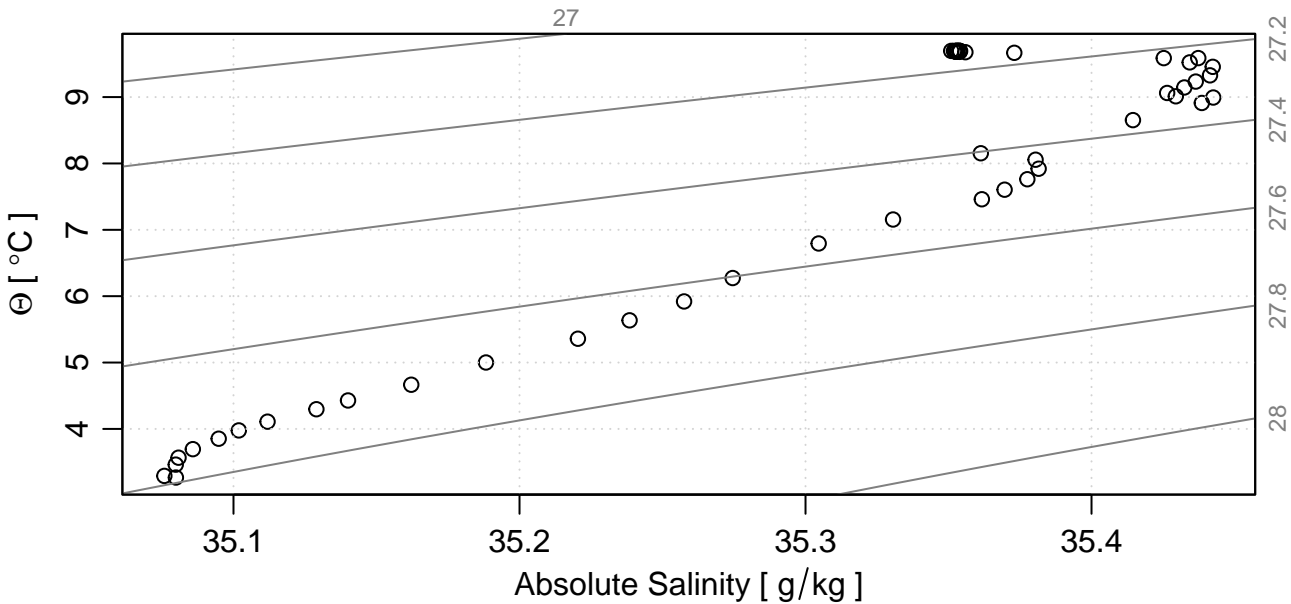


1990-05-08 14:39:00 to 2021-04-21 13:16:23

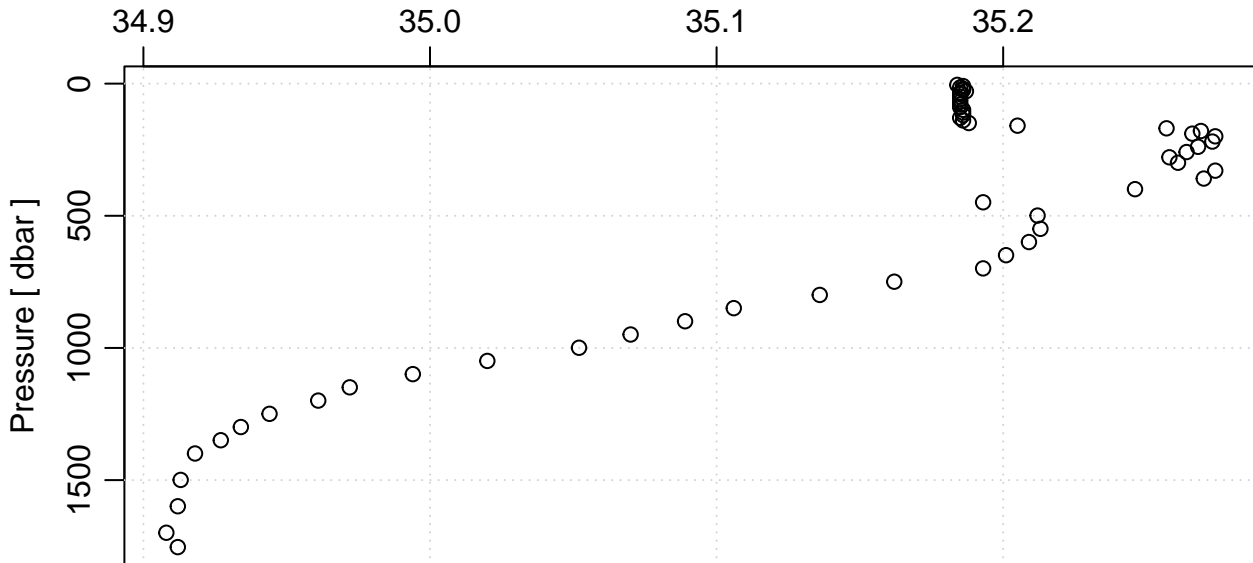


2005-10-28 18:46:01 to 2005-11-19 09:01:19

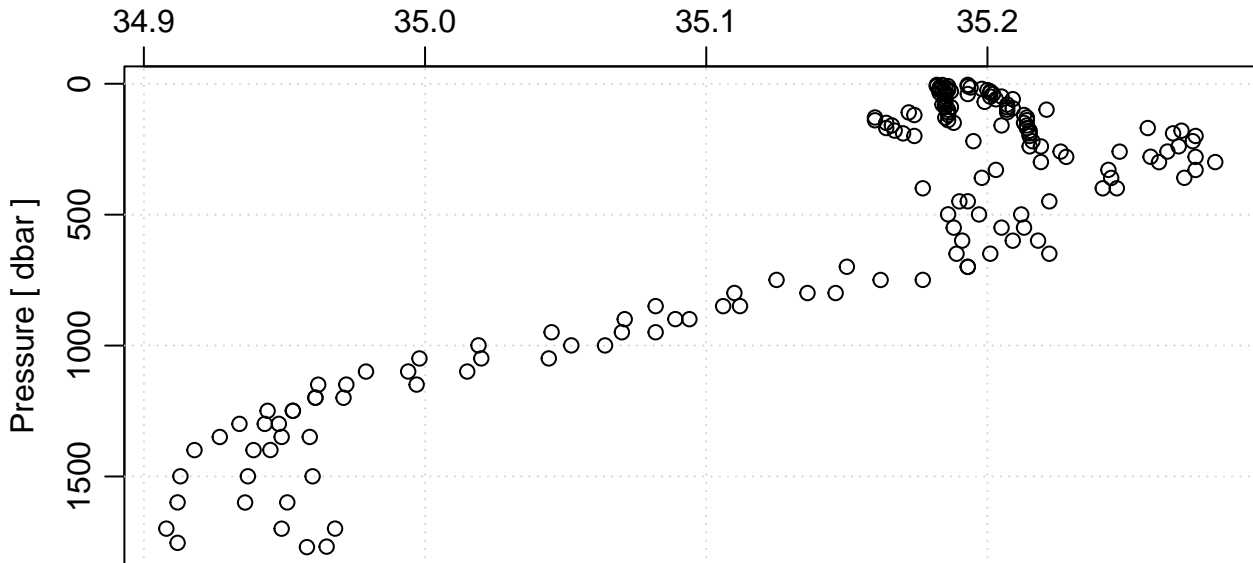




Salinity



Salinity



Temperature [°C]

4

5

6

7

8

9

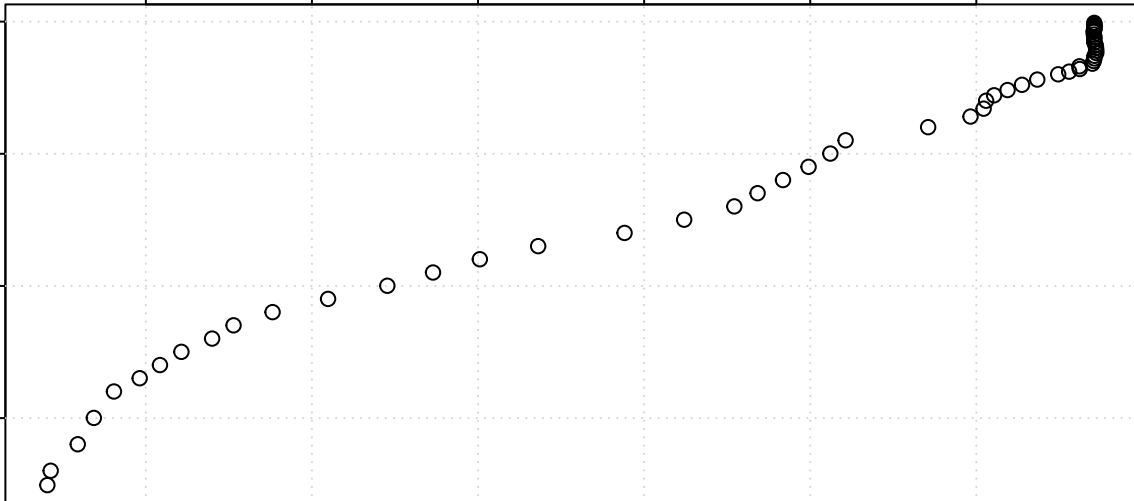
0

500

1000

1500

Pressure [dbar]



Temperature [°C]

2

4

6

8

10

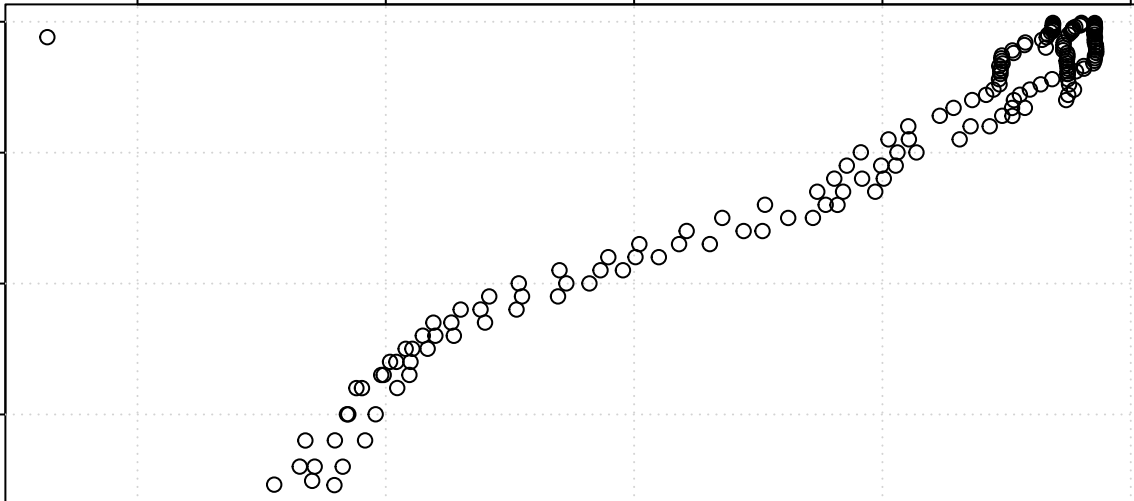
0

500

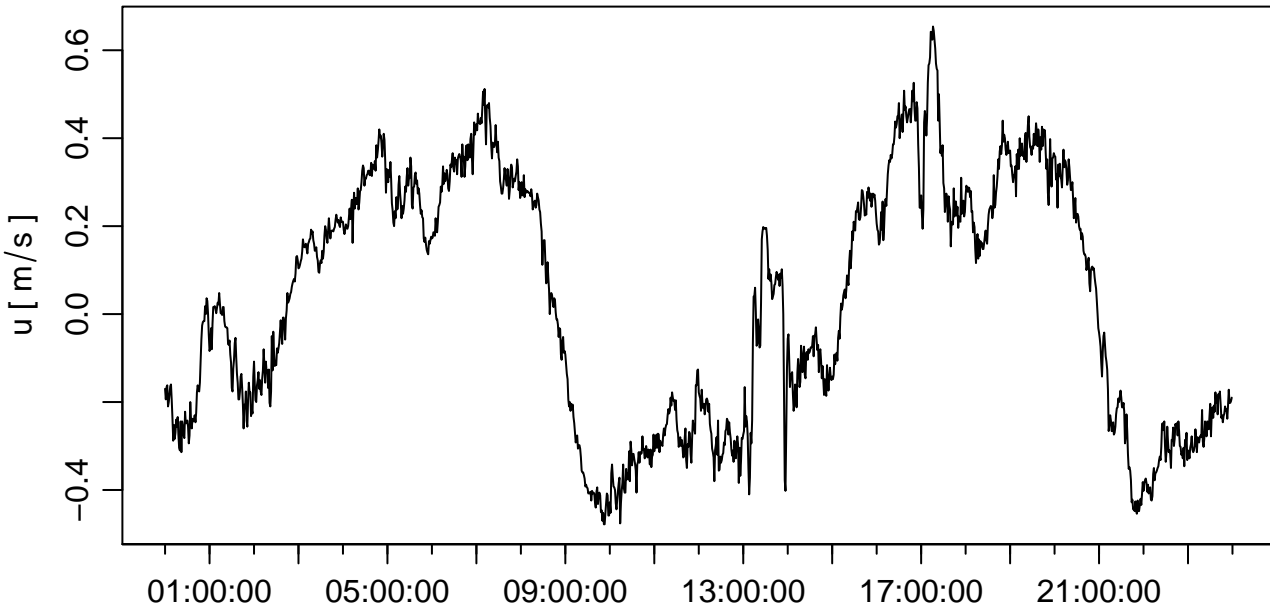
1000

1500

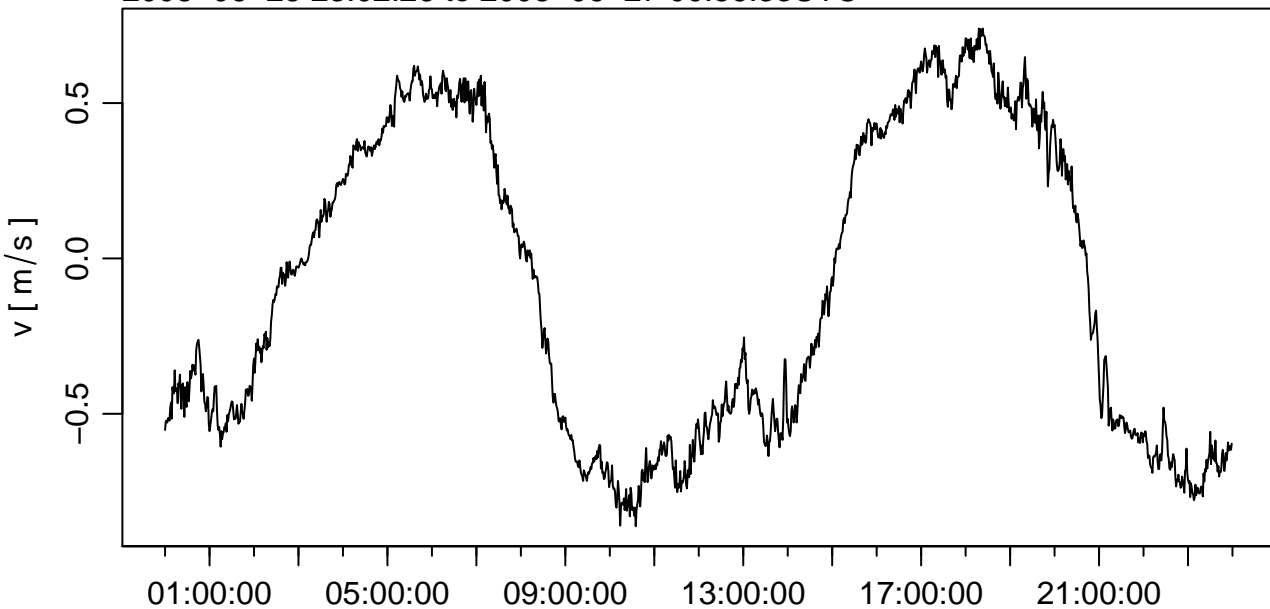
Pressure [dbar]

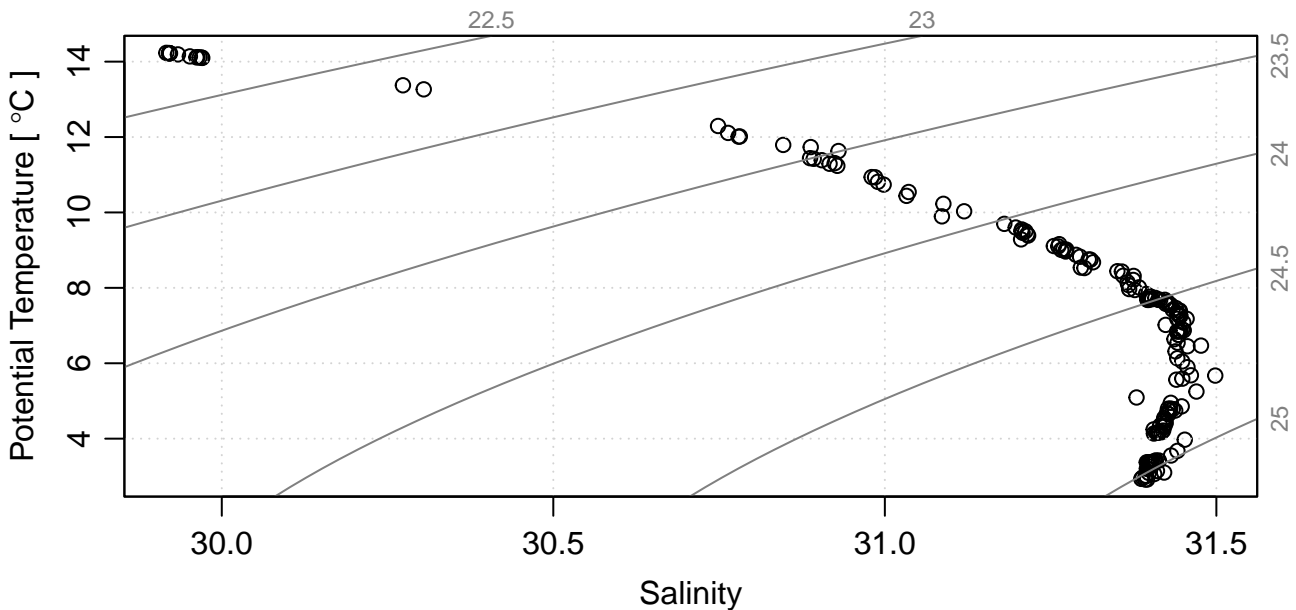
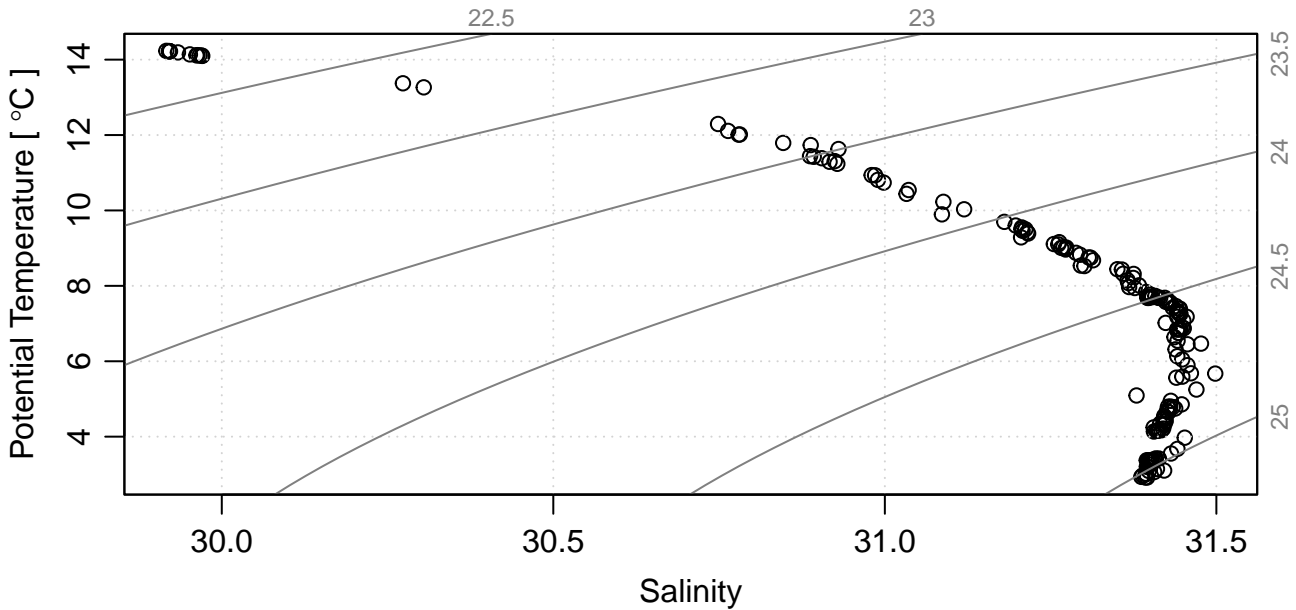


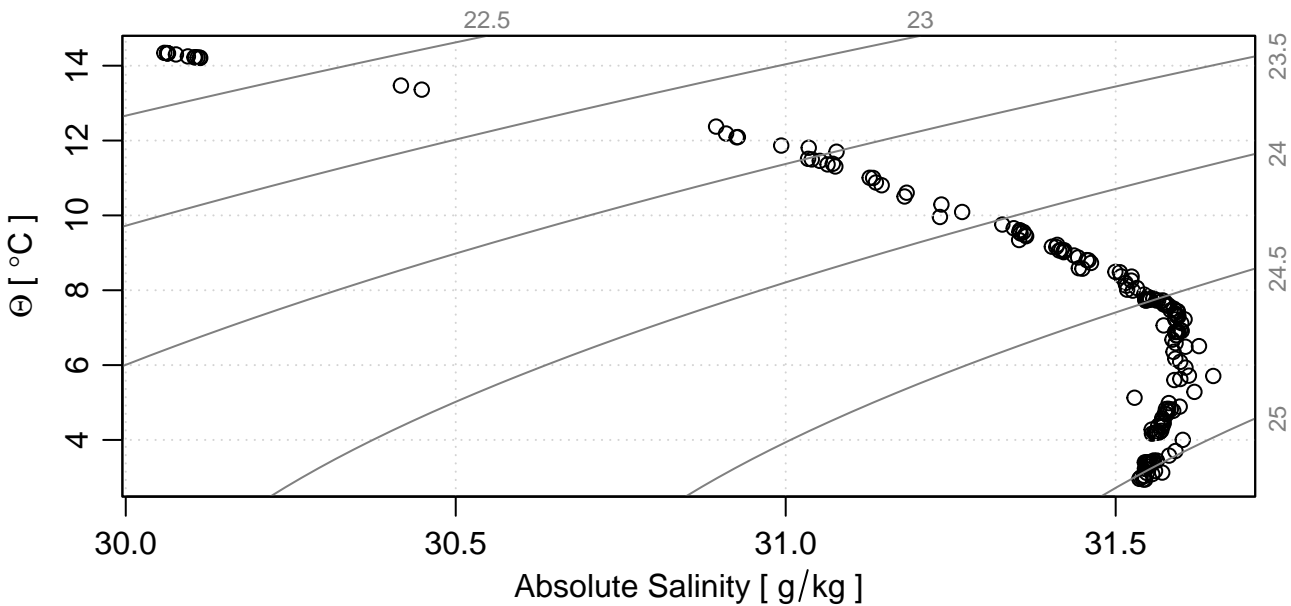
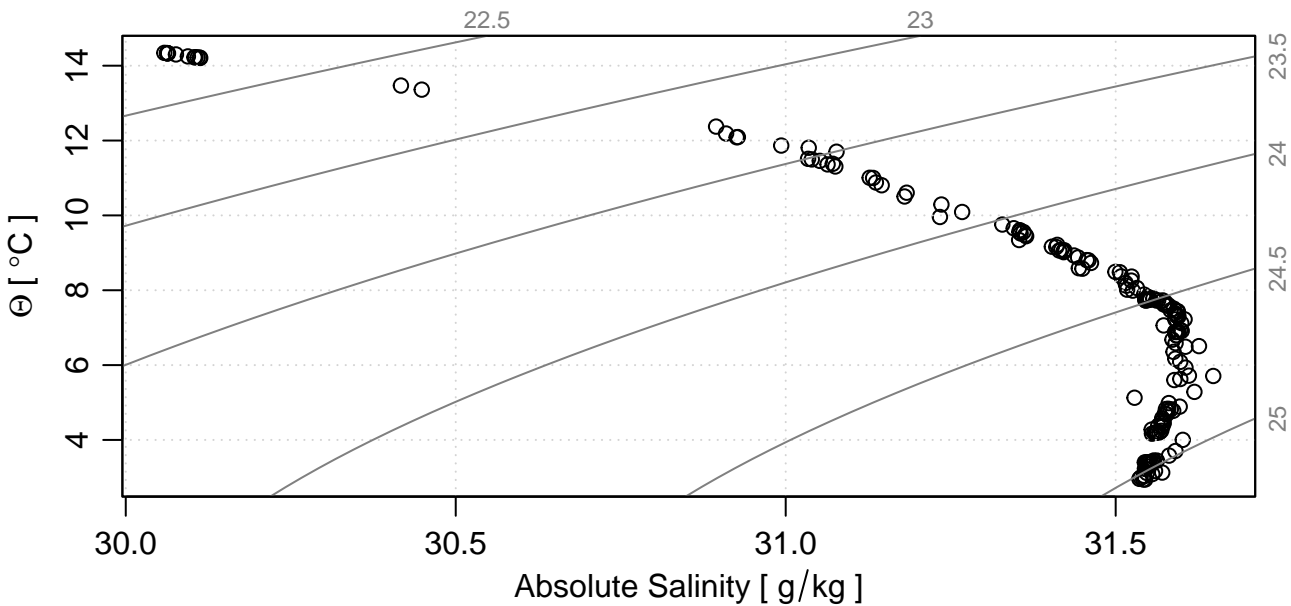
2008-06-25 23:02:26 to 2008-06-27 00:56:33UTC

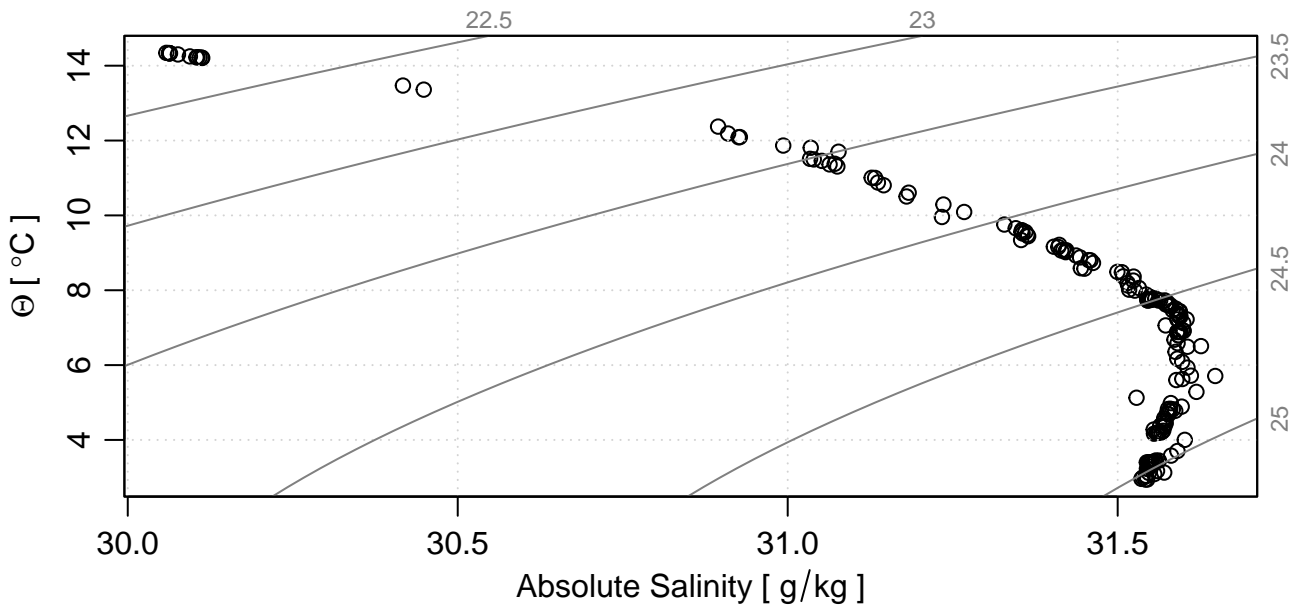
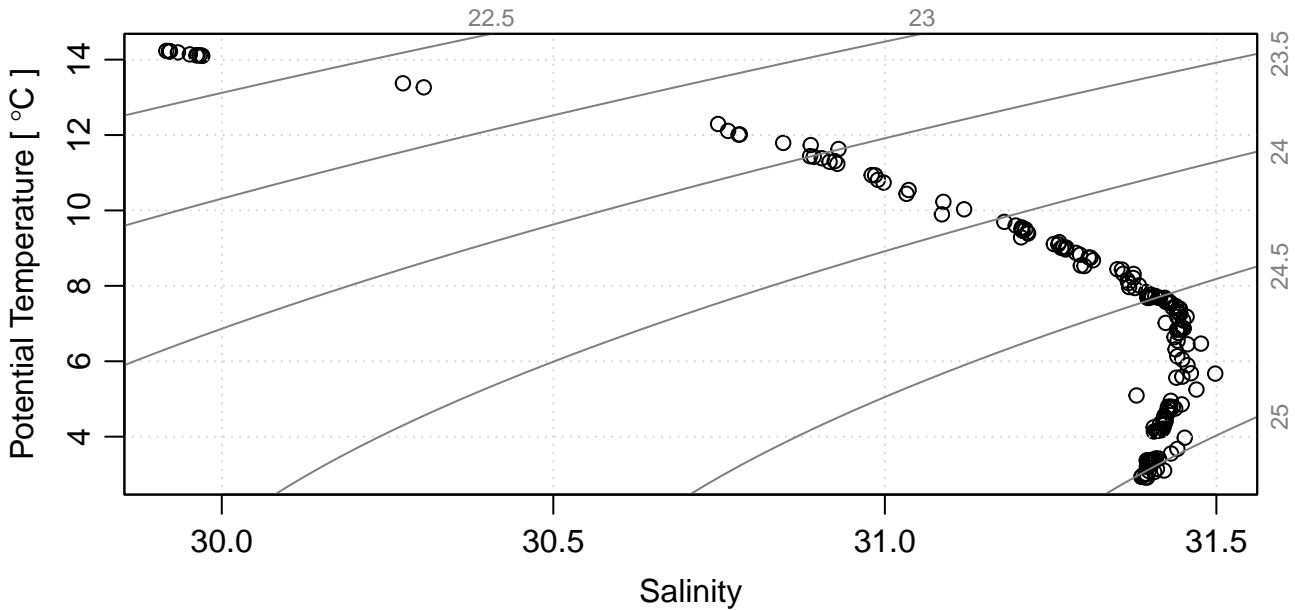


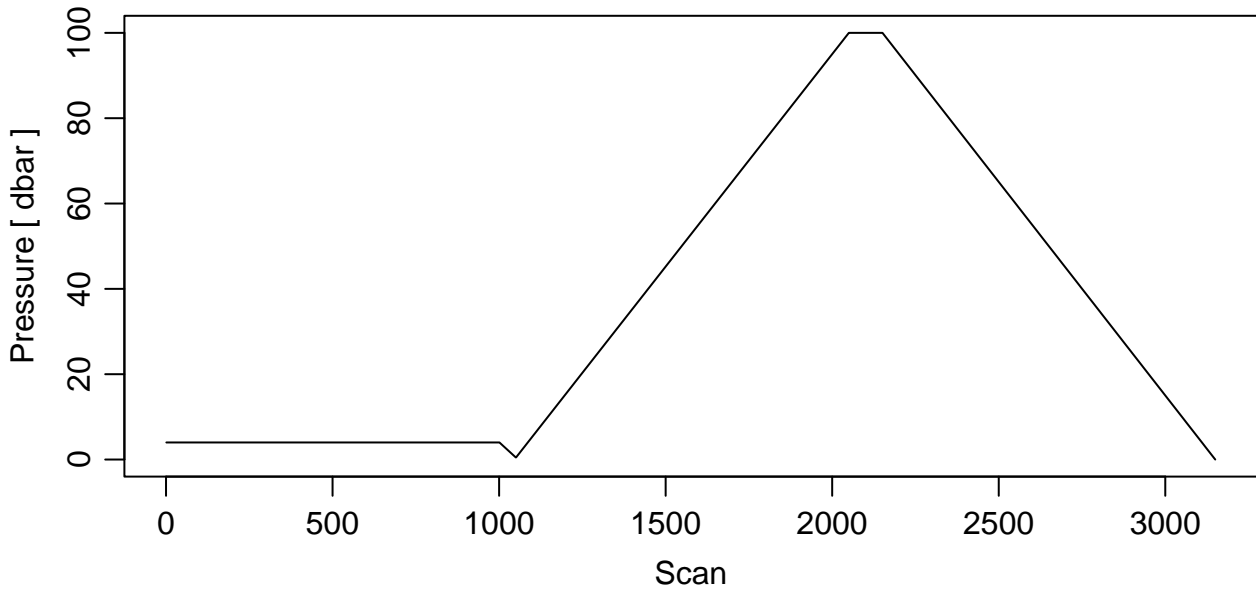
2008-06-25 23:02:26 to 2008-06-27 00:56:33UTC







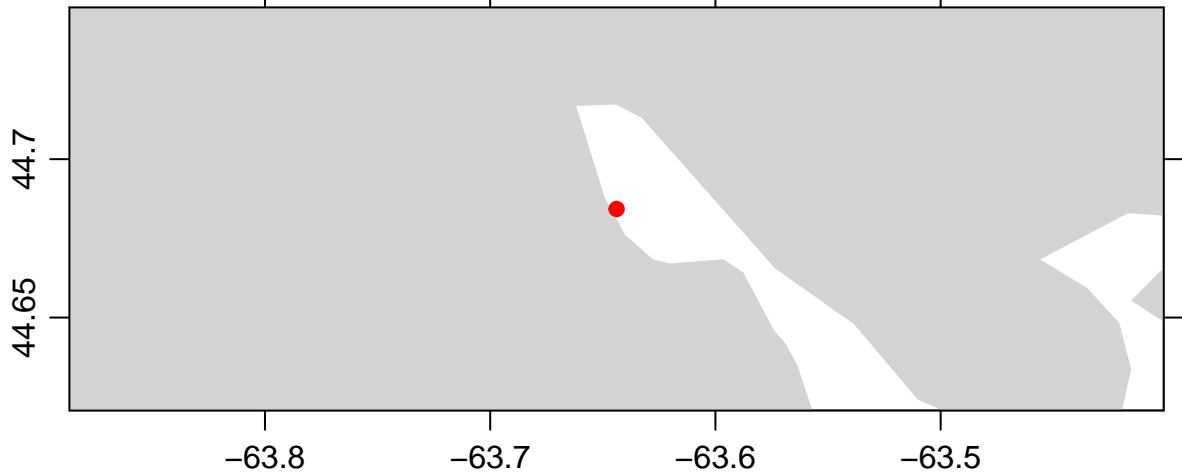




/Users/kelley/git/oce/create_data/ctd/ctd.cnv

Stn 2

2003-10-15 15:38



Conservative Temperature [°C]

4

6

8

10

12

14

0

10

20

30

40

Pressure [dbar]

30.0

30.5

31.0

31.5

Absolute Salinity [g/kg]

Potential density anomaly wrt surface [kg/m³]

22.5

23.0

23.5

24.0

24.5

25.0

0

10

20

30

40

Pressure [dbar]

0.000

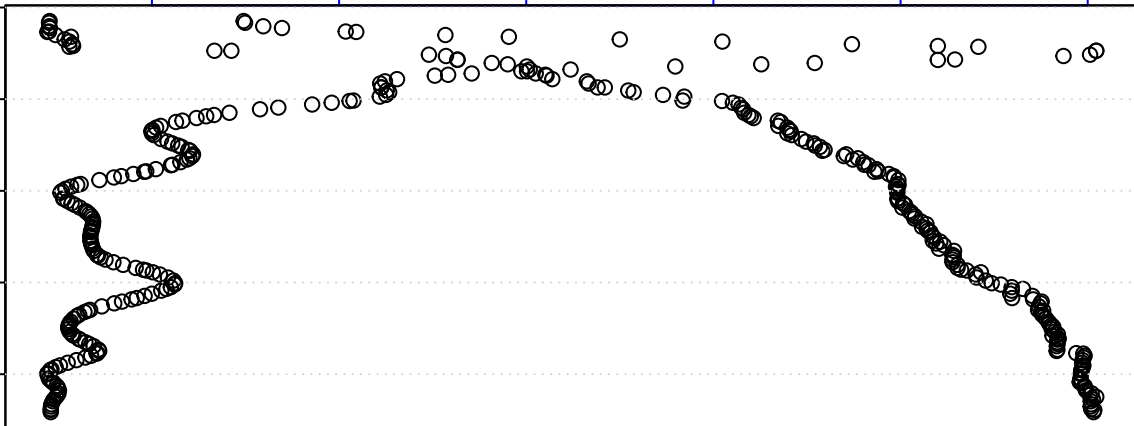
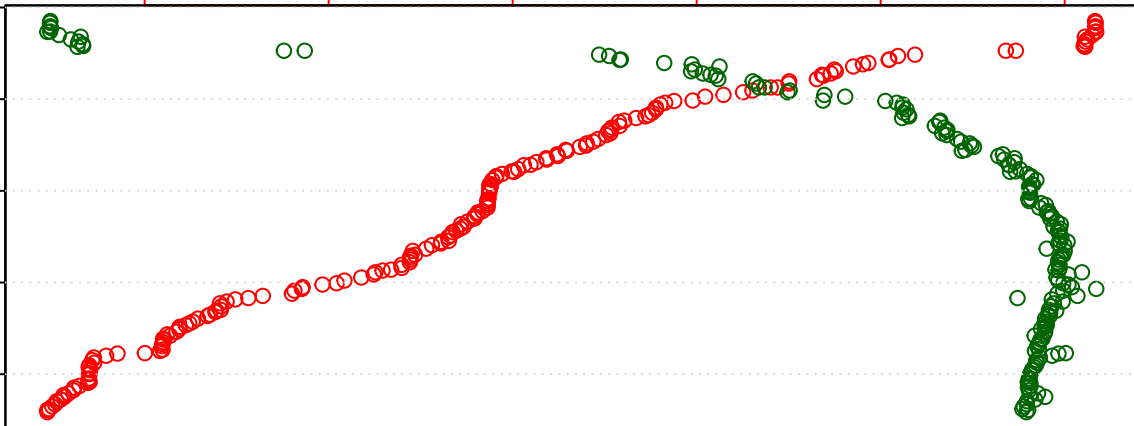
0.001

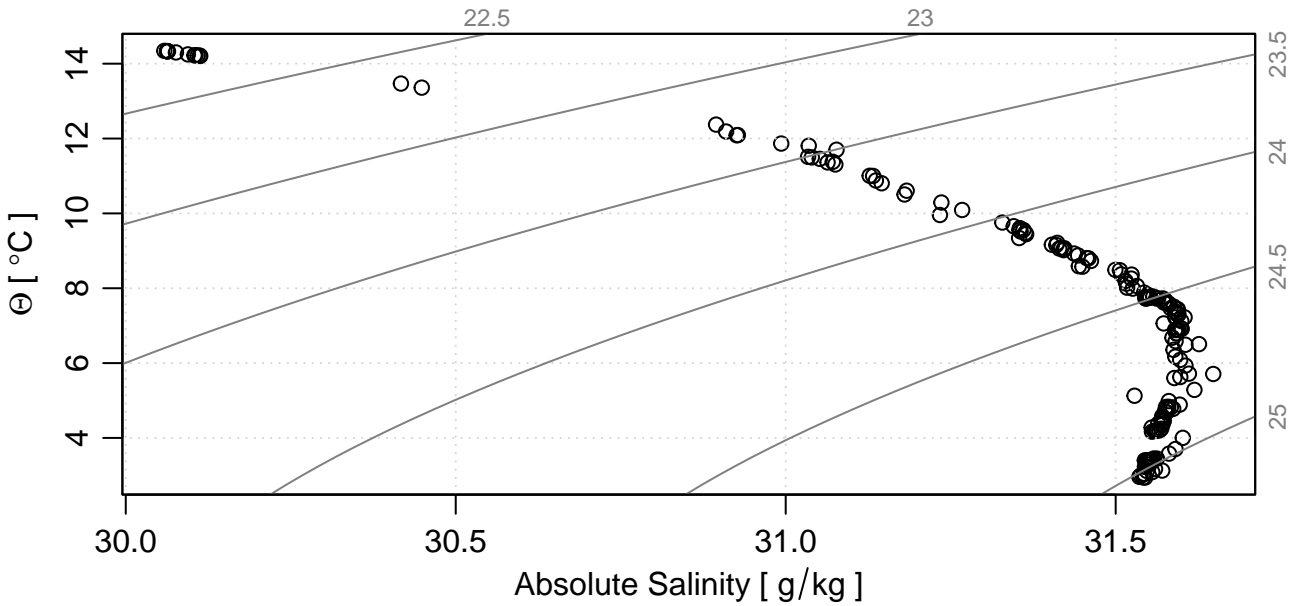
0.002

0.003

0.004

N² [s⁻²]





Station: Stn 2

File: /Users/kelley/git/oce/create_data/ctd/ctd.cnv

Scientist:

Institute:

Date: 2003-10-15 11:38:38

Ship: Divcom3

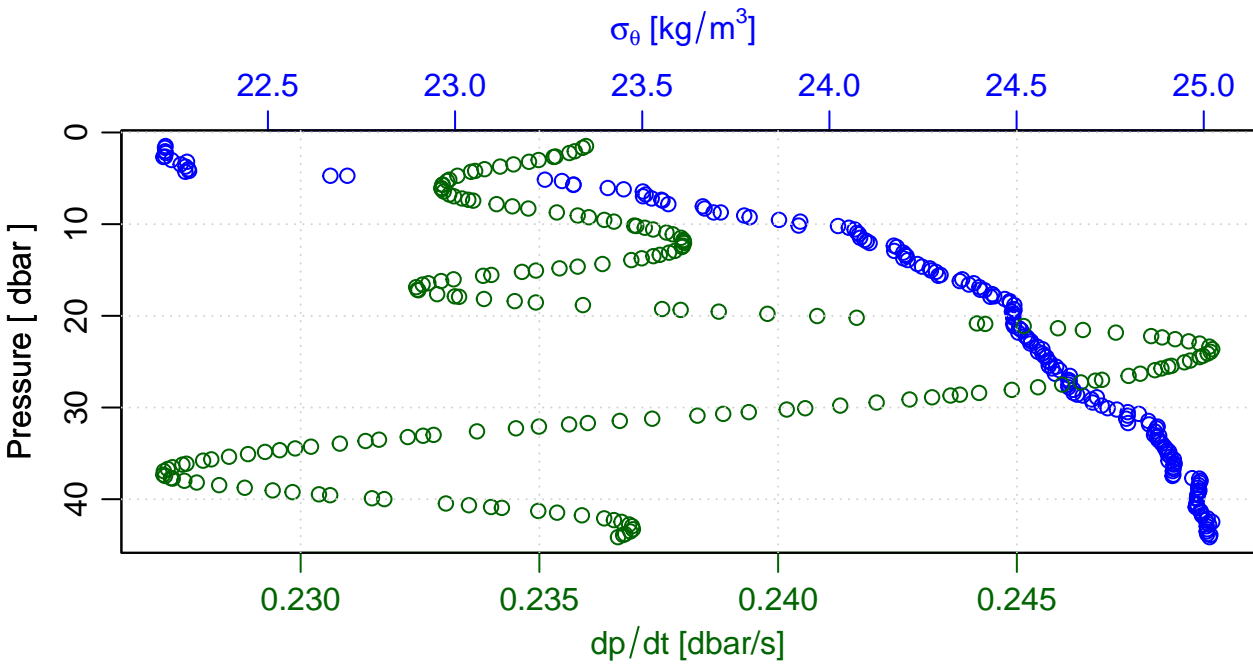
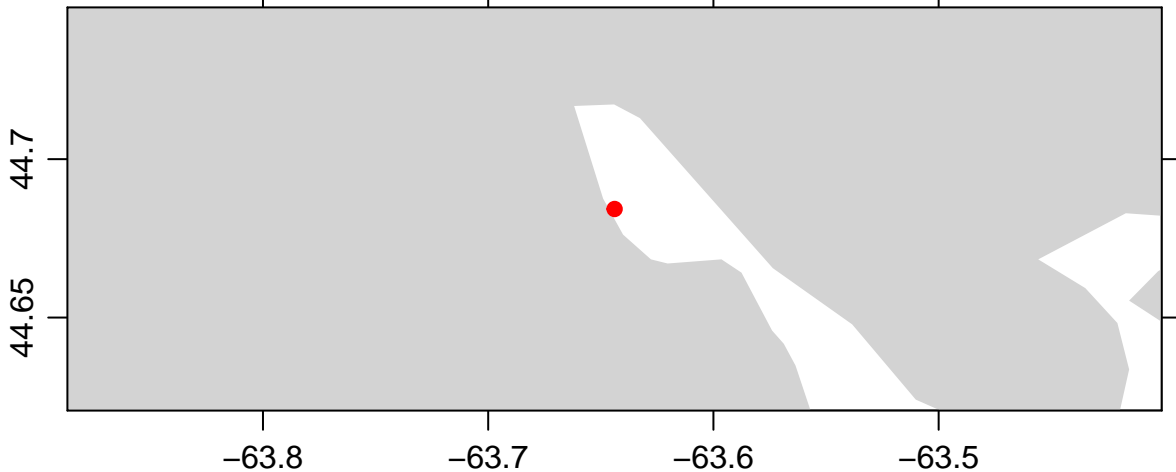
Cruise: Halifax Harbour

Station: Stn 2

Location: 44.6843N 63.6439W

Stn 2

2003-10-15 15:38



Potential density anomaly wrt surface [kg/m³]

22.5

23.0

23.5

24.0

24.5

25.0

0

10

20

30

40

Pressure [dbar]

0

50

100

150

Δt [s]

index

0

50

100

150

0

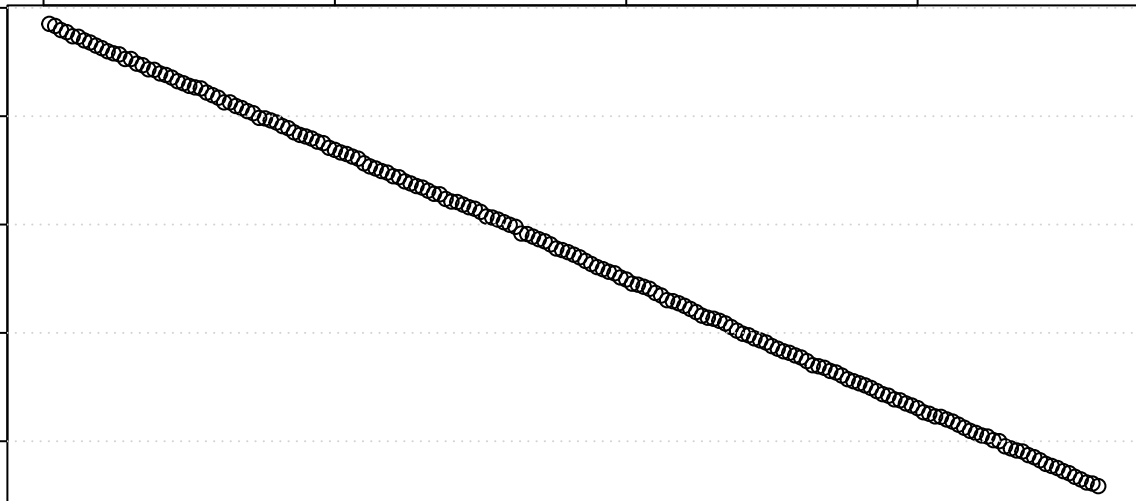
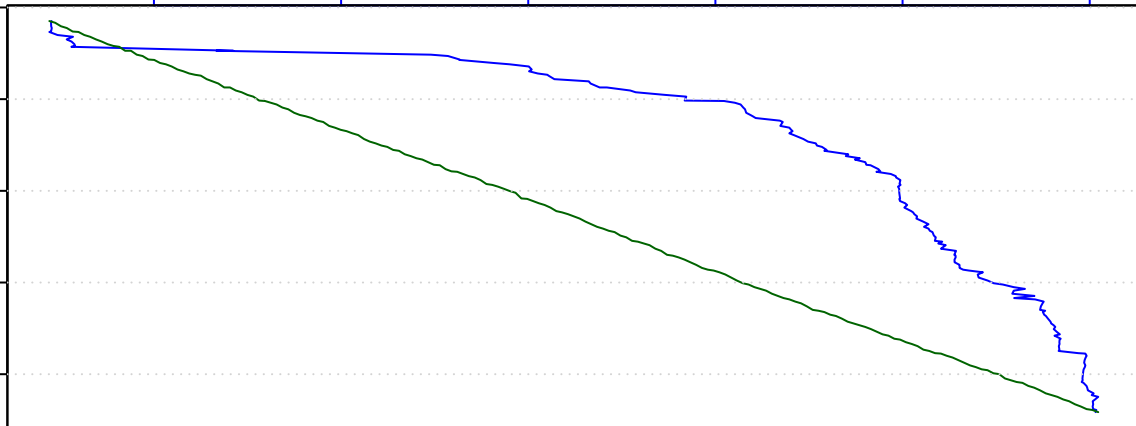
10

20

30

40

Pressure [dbar]



Salinity

30.0

30.5

31.0

31.5

0

10

20

30

40

Pressure [dbar]

Temperature [°C]

4

6

8

10

12

14

0

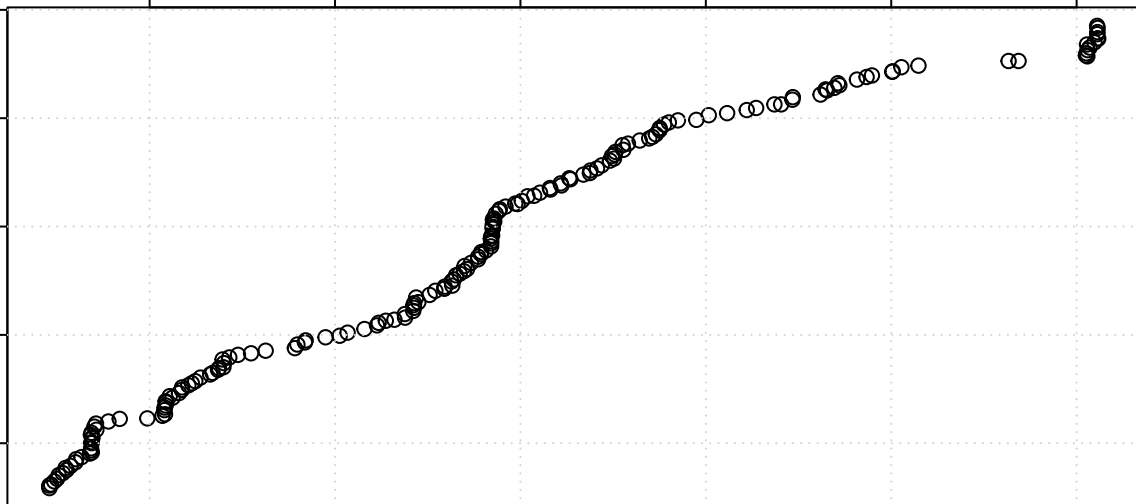
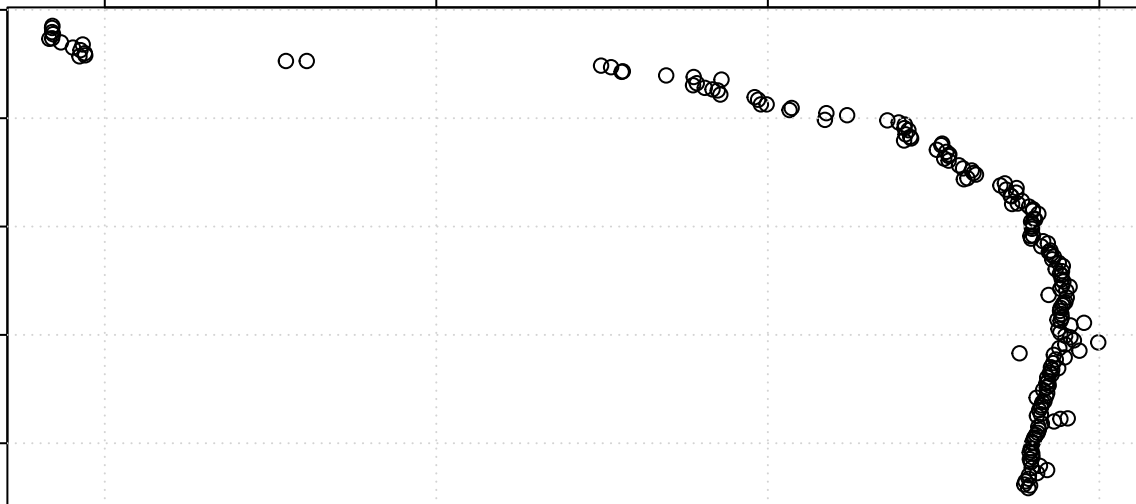
10

20

30

40

Pressure [dbar]



ρ [kg/m³]

1022.5

1023.0

1023.5

1024.0

1024.5

1025.0

0

10

20

30

40

Pressure [dbar]

 N^2 [s⁻²]

0.000

0.001

0.002

0.003

0.004

0

10

20

30

40

Pressure [dbar]

Spice [kg/m³]

-2.2

-2.0

-1.8

-1.6

-1.4

0

10

20

30

40

Pressure [dbar]

Rrho

-1.0

-0.8

-0.6

-0.4

-0.2

0.0

0.2

0

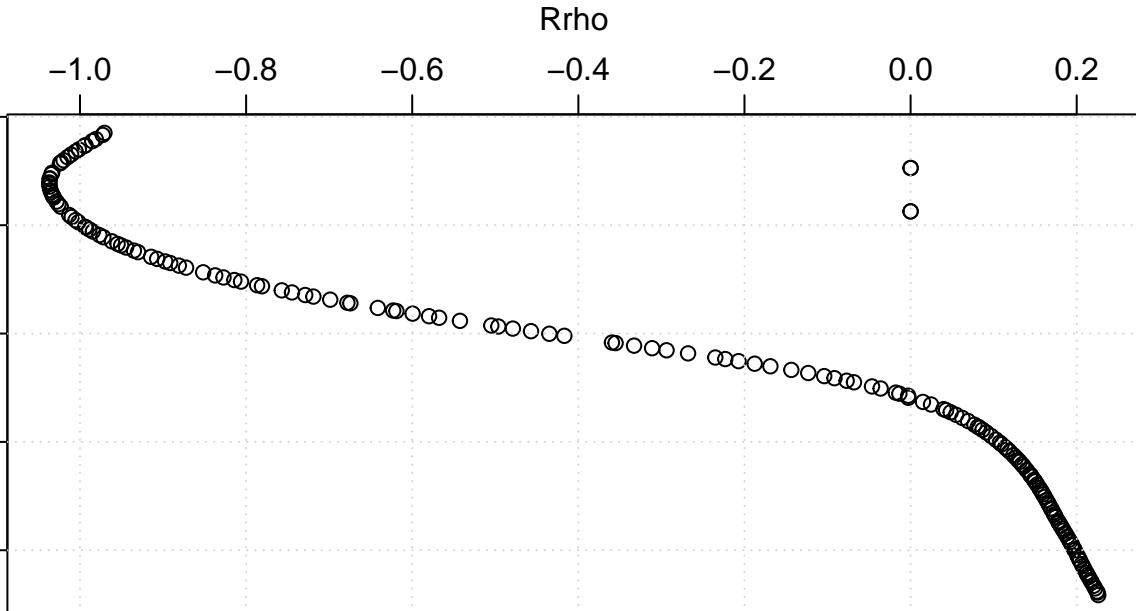
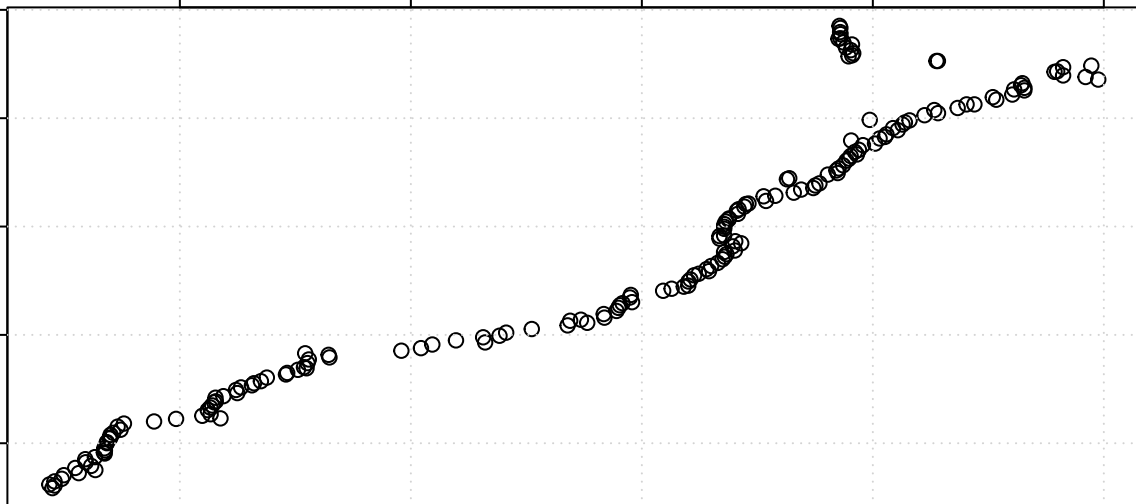
10

20

30

40

Pressure [dbar]



RrhoSF

-300

-200

-100

0

0

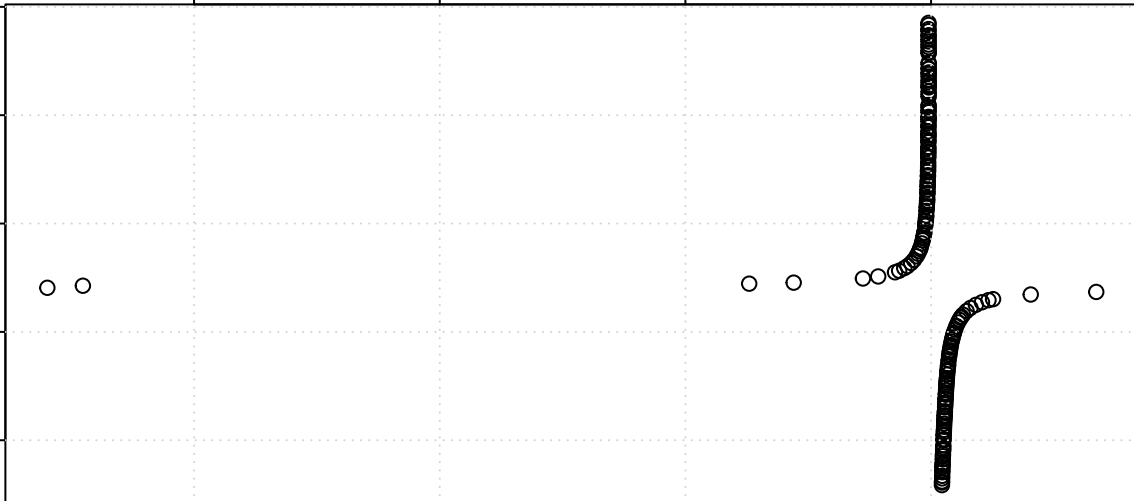
10

20

30

40

Pressure [dbar]



Conductivity Ratio [unitless]

0.70

0.75

0.80

0.85

0

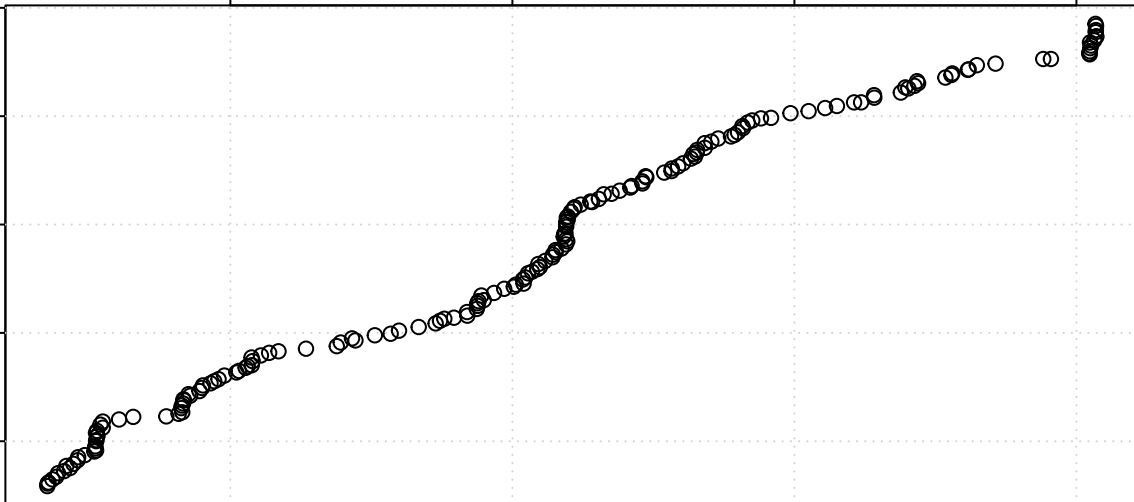
10

20

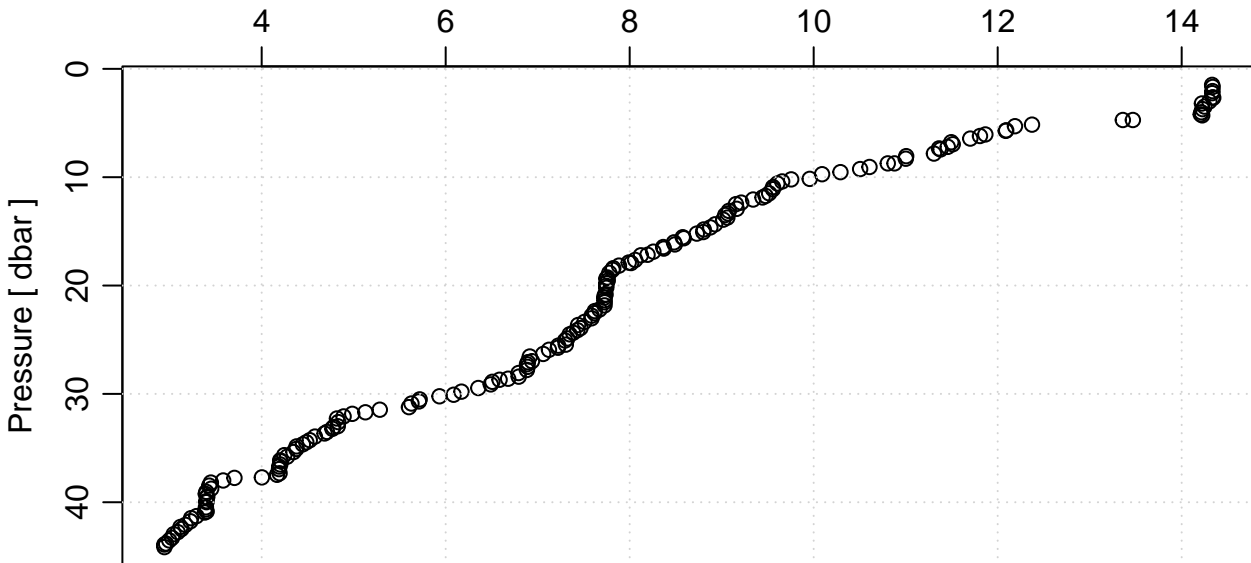
30

40

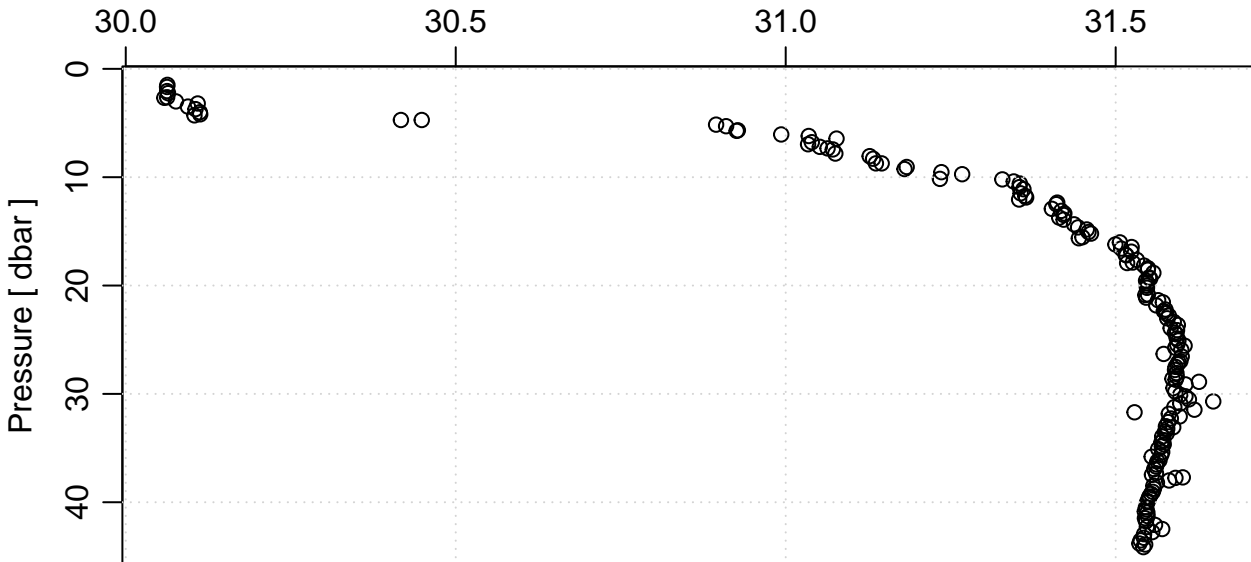
Pressure [dbar]



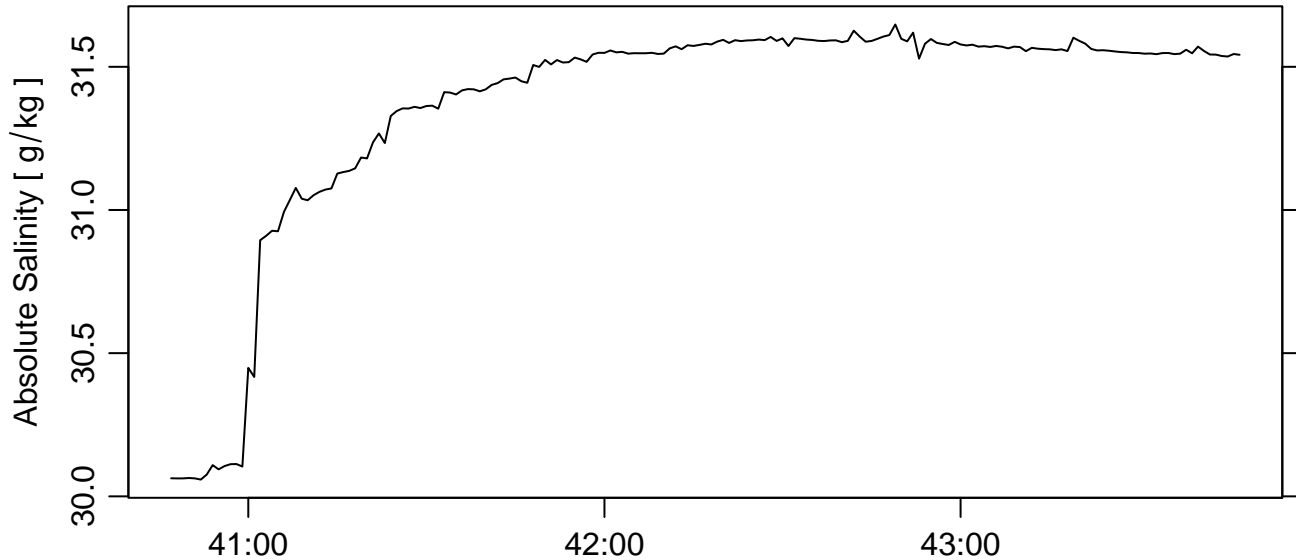
Conservative Temperature [°C]



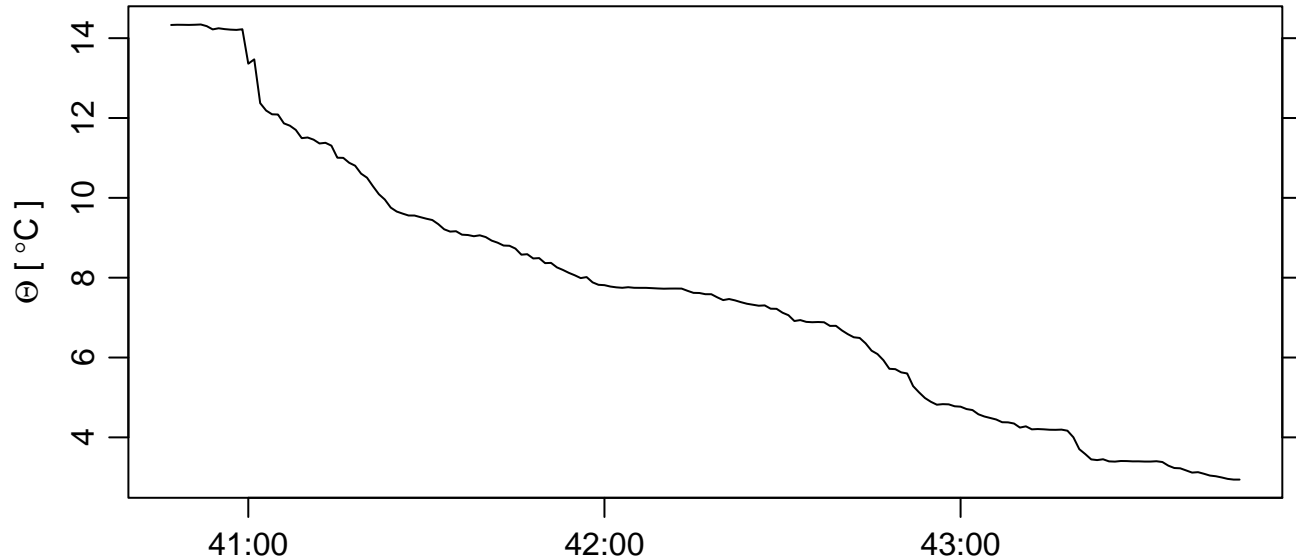
Absolute Salinity [g/kg]



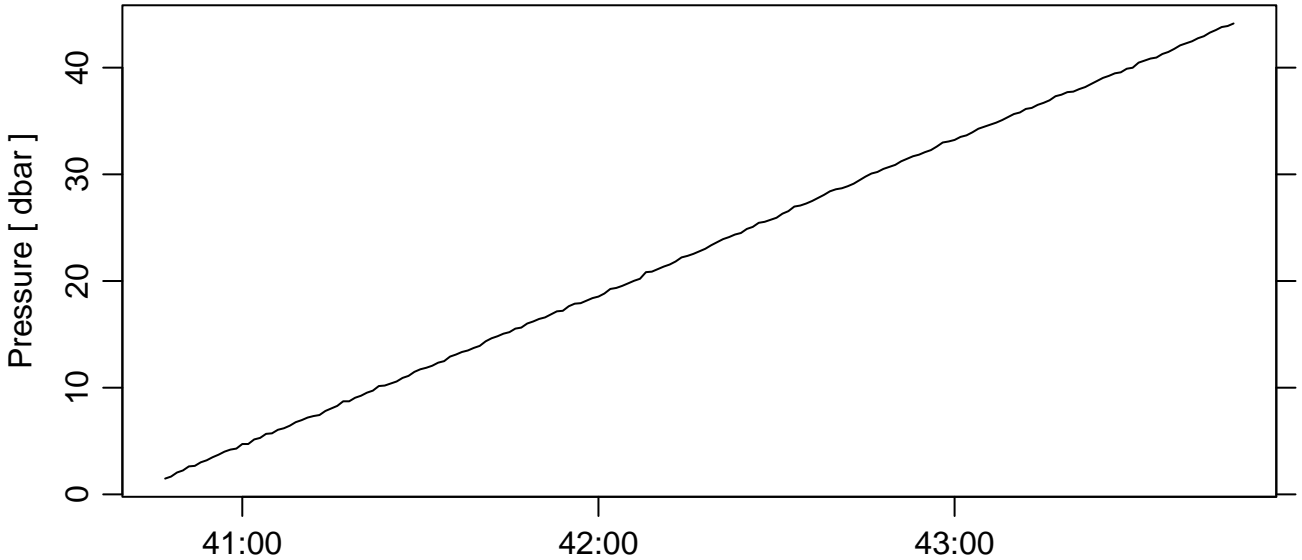
2003-10-15 15:40:39 to 2003-10-15 15:43:54UTC



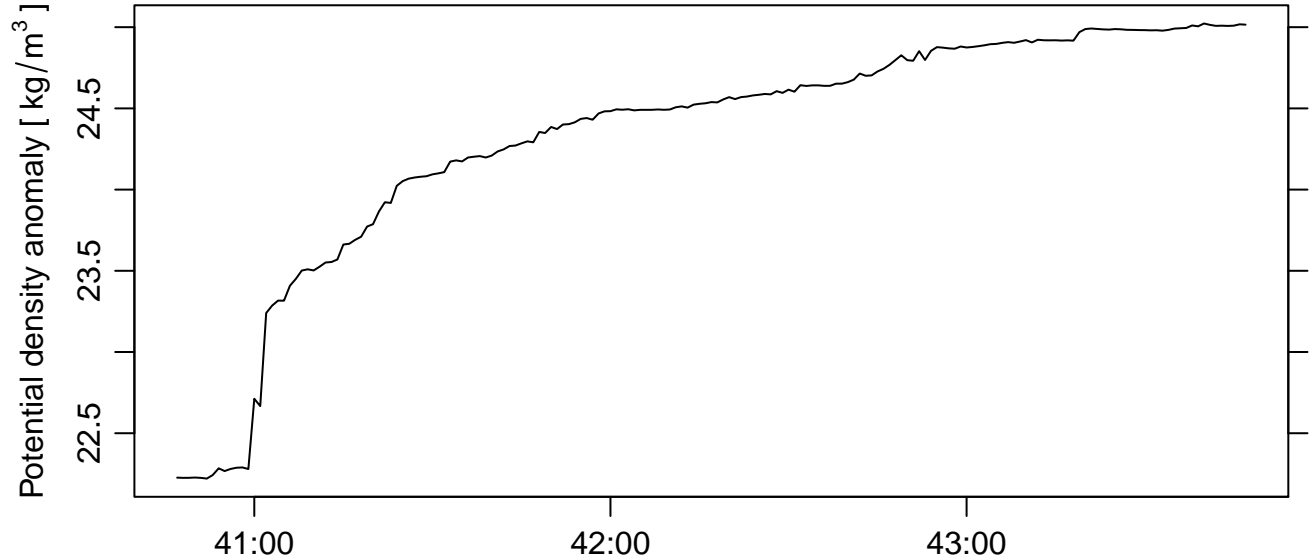
2003-10-15 15:40:39 to 2003-10-15 15:43:54UTC



2003-10-15 15:40:39 to 2003-10-15 15:43:54UTC



2003-10-15 15:40:39 to 2003-10-15 15:43:54UTC



Conservative Temperature [°C]

4

6

8

10

12

14

0

10

20

30

40

Pressure [dbar]

30.0

30.5

31.0

31.5

Absolute Salinity [g/kg]

Potential density anomaly wrt surface [kg/m³]

22.5

23.0

23.5

24.0

24.5

25.0

0

10

20

30

40

Pressure [dbar]

0.000

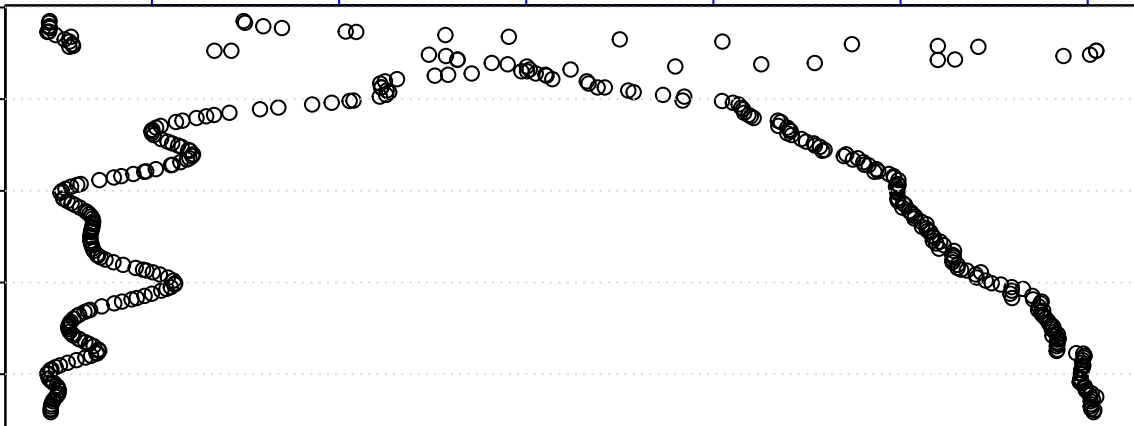
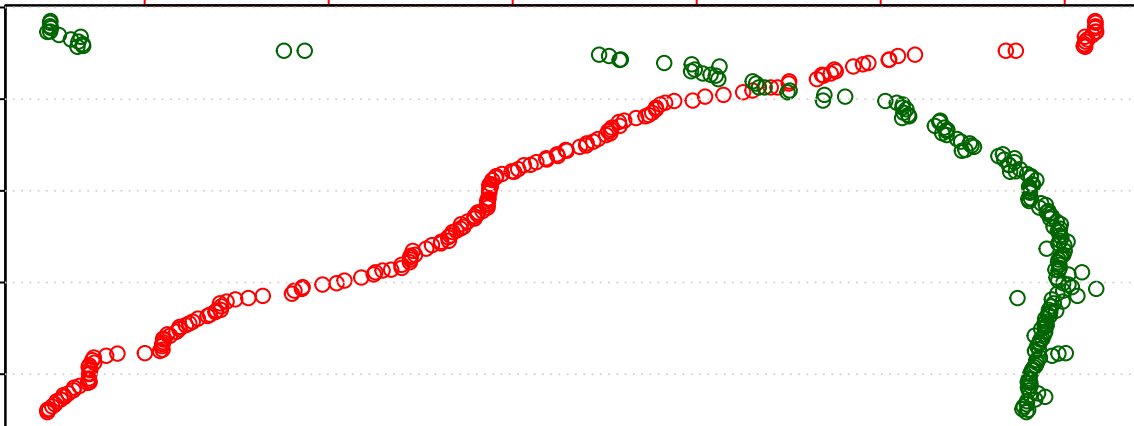
0.001

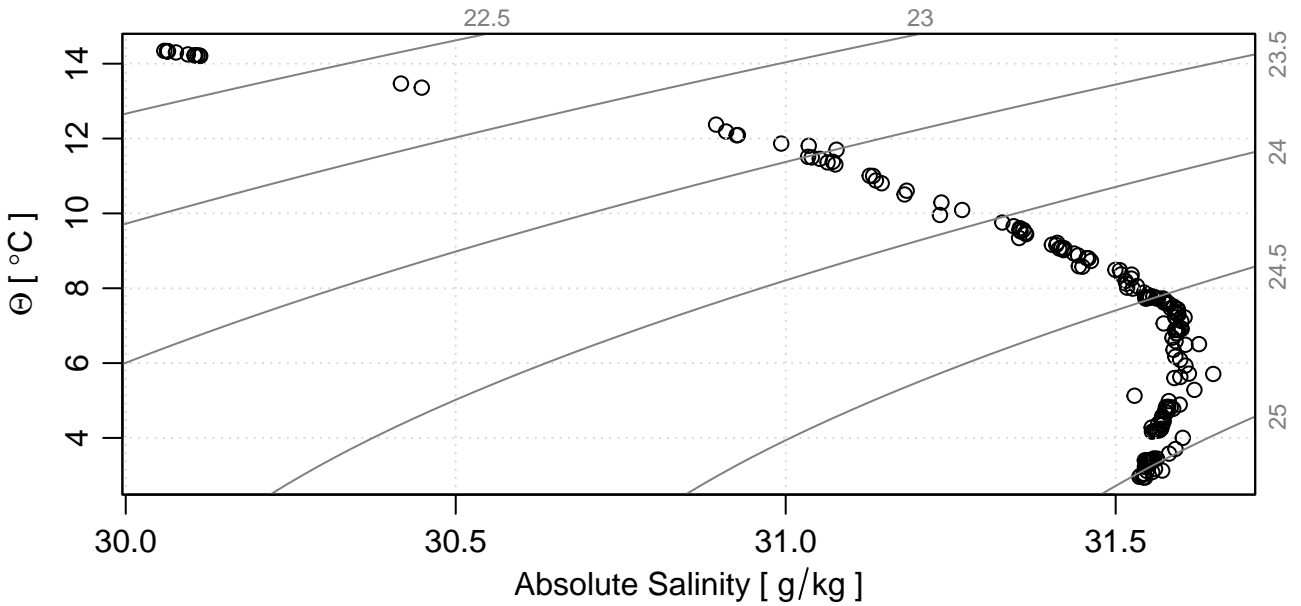
0.002

0.003

0.004

N² [s⁻²]





Station: Stn 2

File: /Users/kelley/git/oce/create_data/ctd/ctd.cnv

Scientist:

Institute:

Date: 2003-10-15 11:38:38

Ship: Divcom3

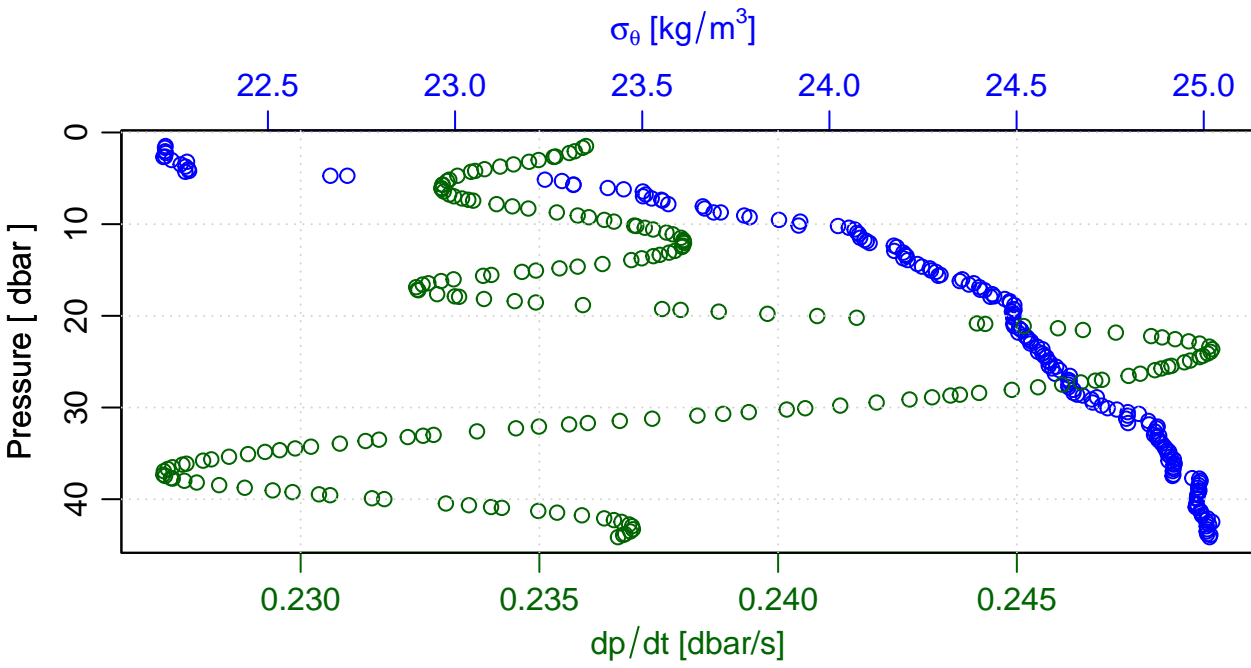
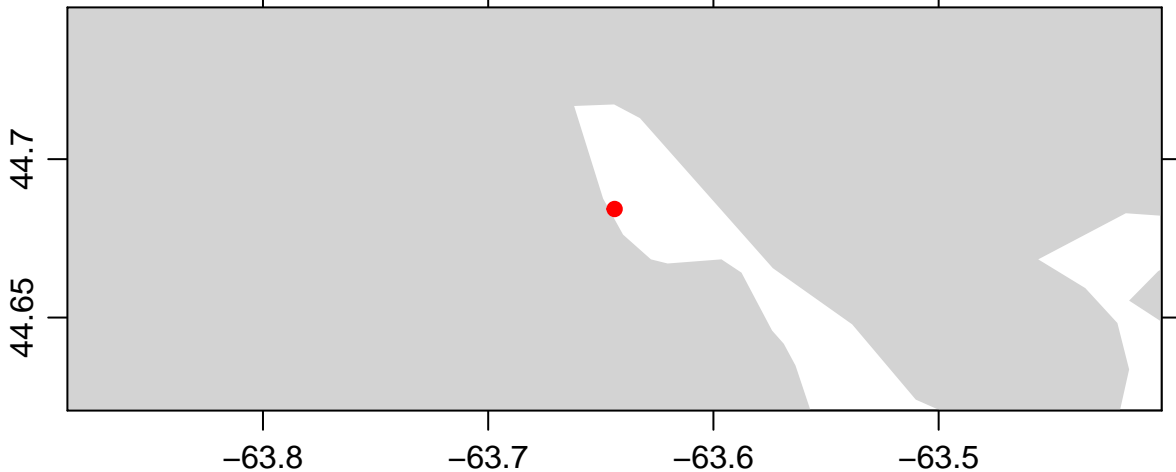
Cruise: Halifax Harbour

Station: Stn 2

Location: 44.6843N 63.6439W

Stn 2

2003-10-15 15:38



Potential density anomaly wrt surface [kg/m³]

22.5

23.0

23.5

24.0

24.5

25.0

0

10

20

30

40

Pressure [dbar]

0

50

100

150

Δt [s]

index

0

50

100

150

0

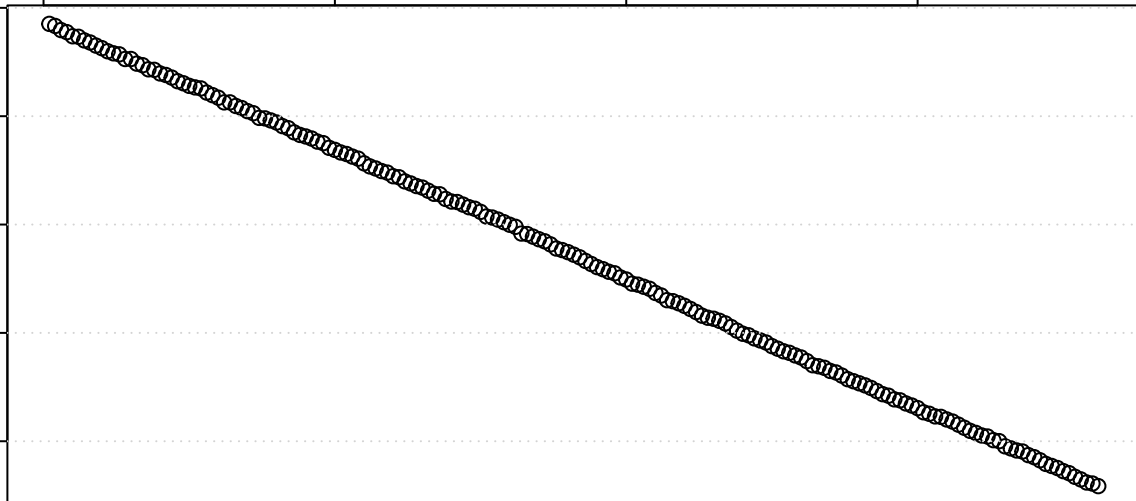
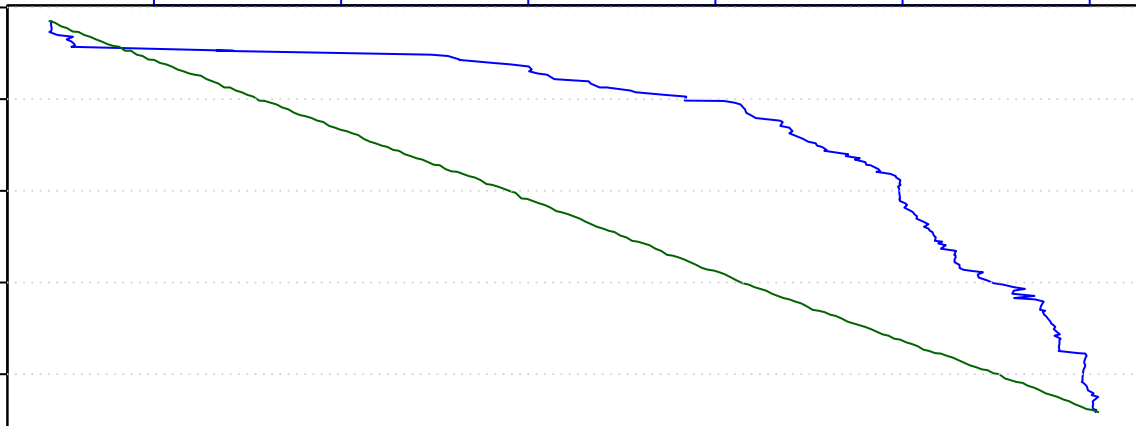
10

20

30

40

Pressure [dbar]



Salinity

30.0

30.5

31.0

31.5

0

10

20

30

40

Pressure [dbar]

Temperature [°C]

4

6

8

10

12

14

0

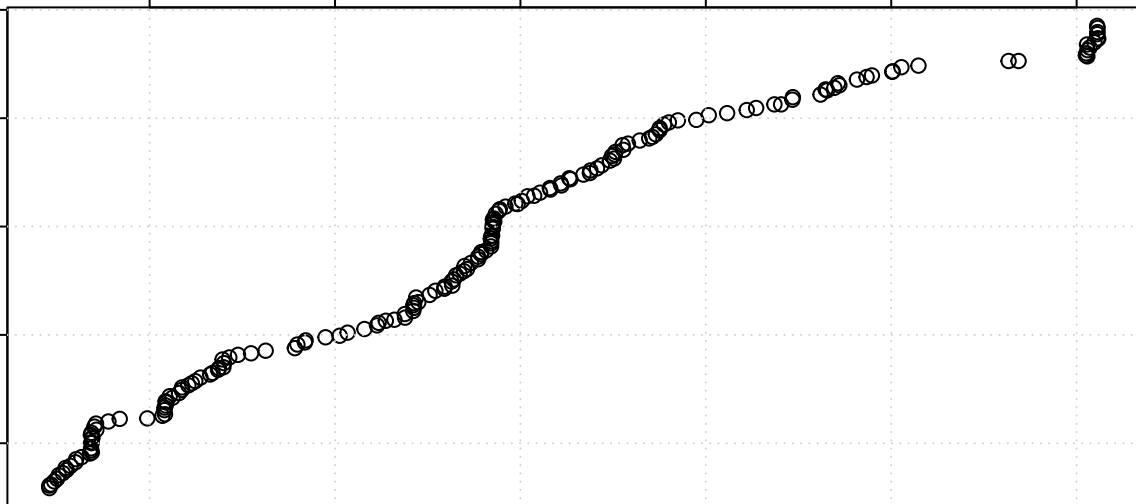
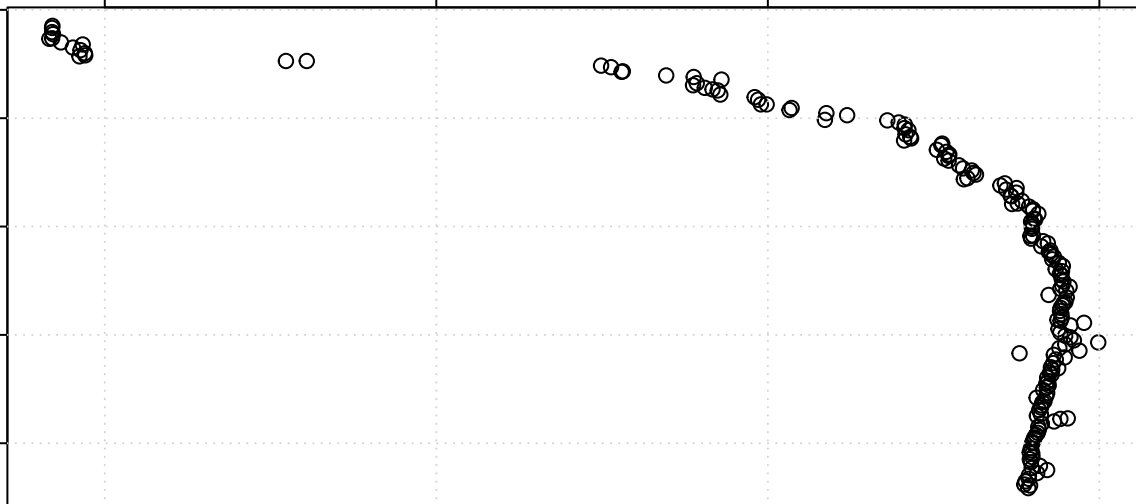
10

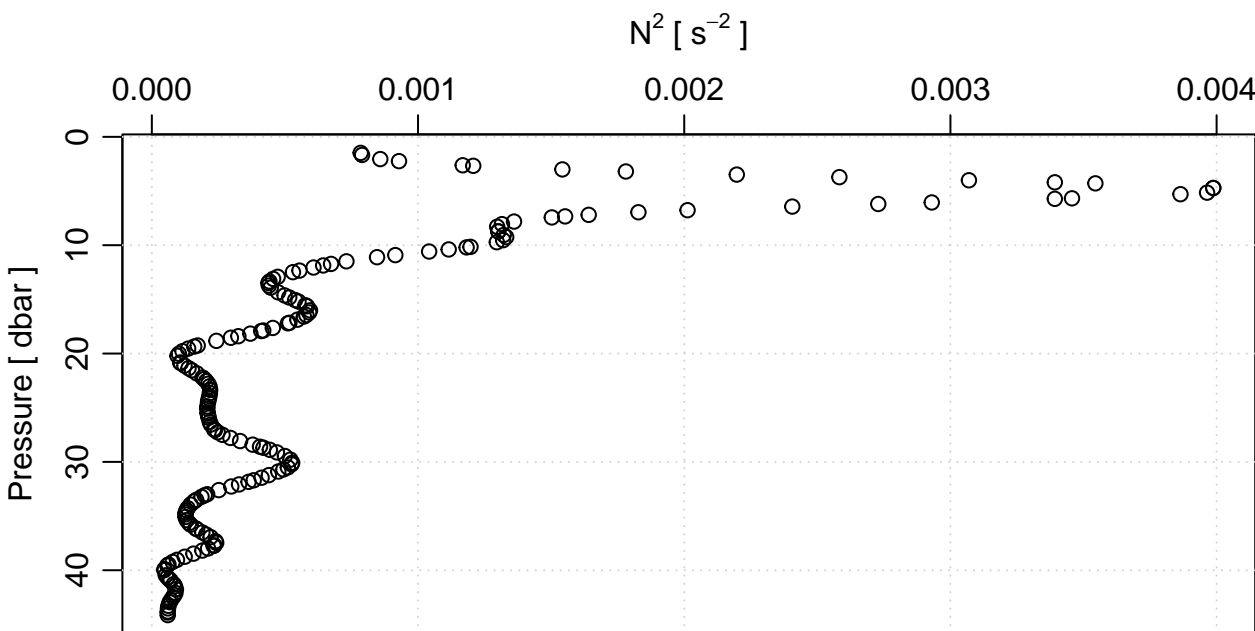
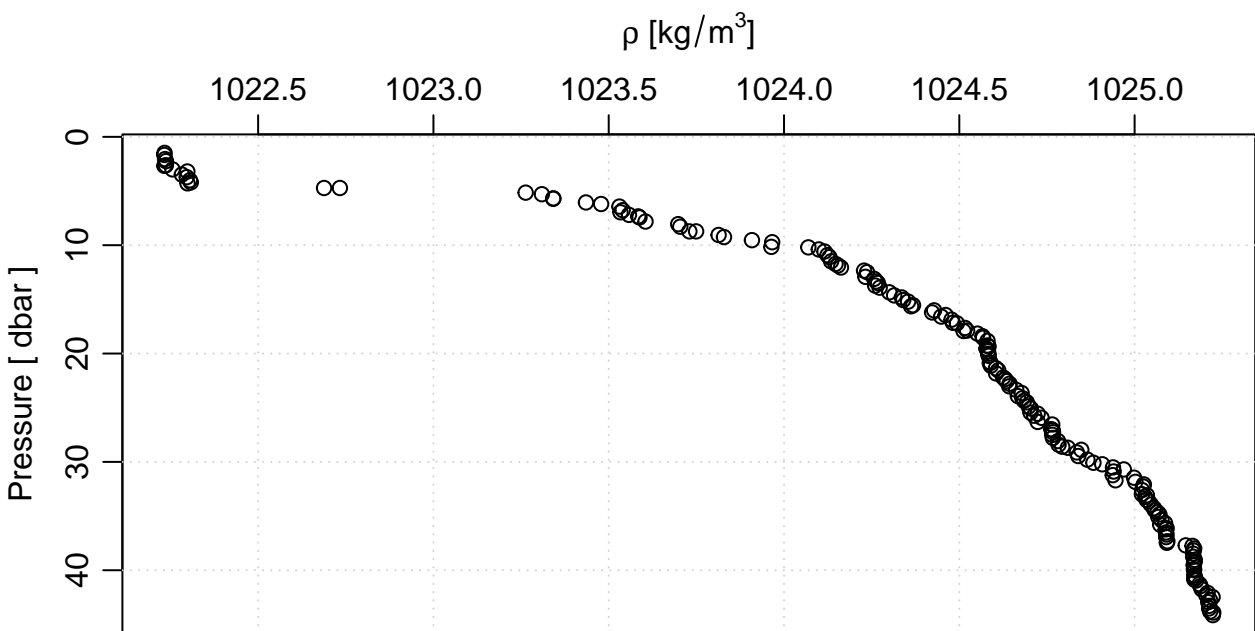
20

30

40

Pressure [dbar]





Spice [kg/m³]

-2.2

-2.0

-1.8

-1.6

-1.4

0

10

20

30

40

Pressure [dbar]

Rrho

-1.0

-0.8

-0.6

-0.4

-0.2

0.0

0.2

0

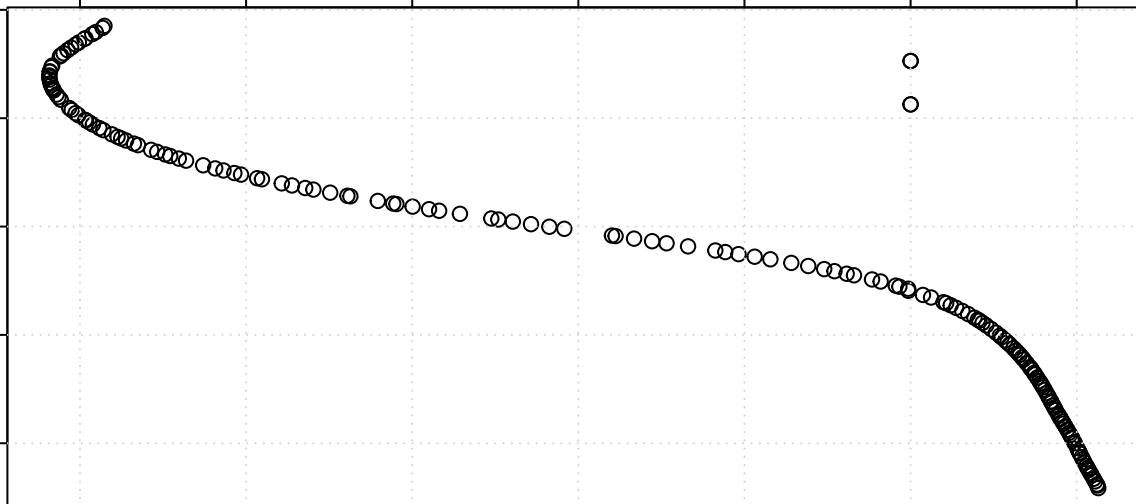
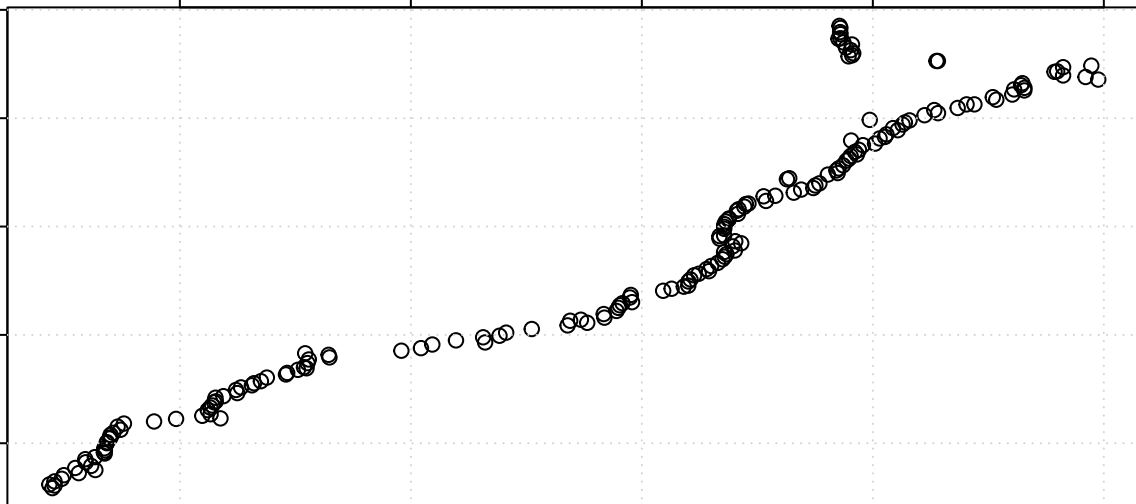
10

20

30

40

Pressure [dbar]



RrhoSF

-300

-200

-100

0

0

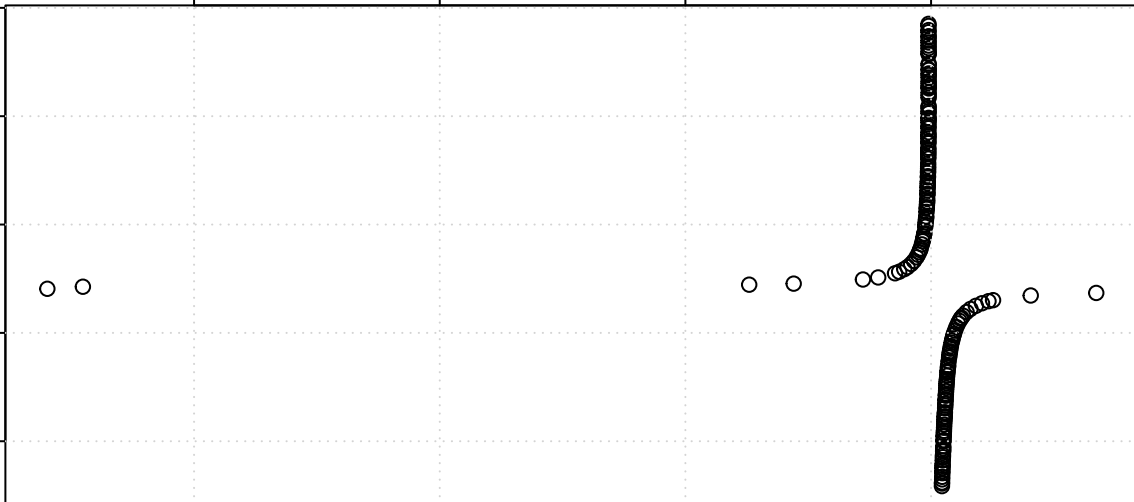
10

20

30

40

Pressure [dbar]



Conductivity Ratio [unitless]

0.70

0.75

0.80

0.85

0

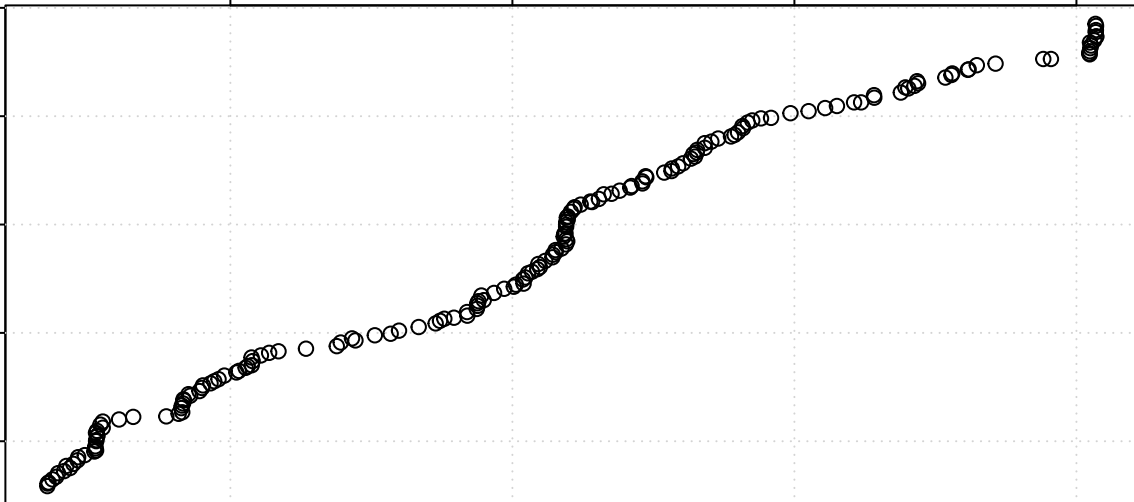
10

20

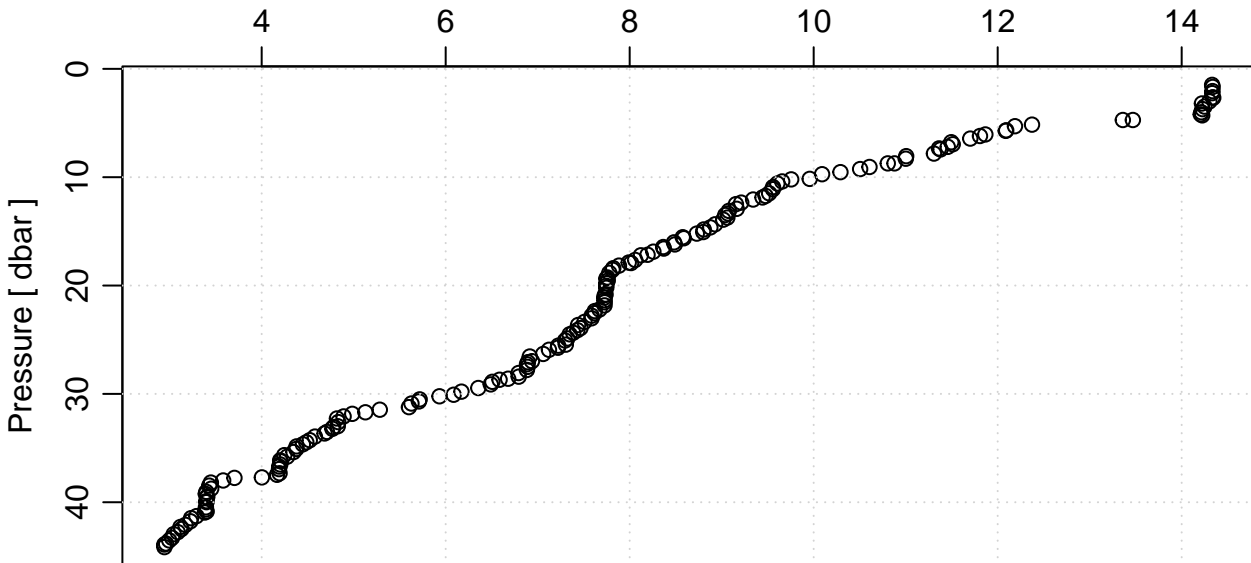
30

40

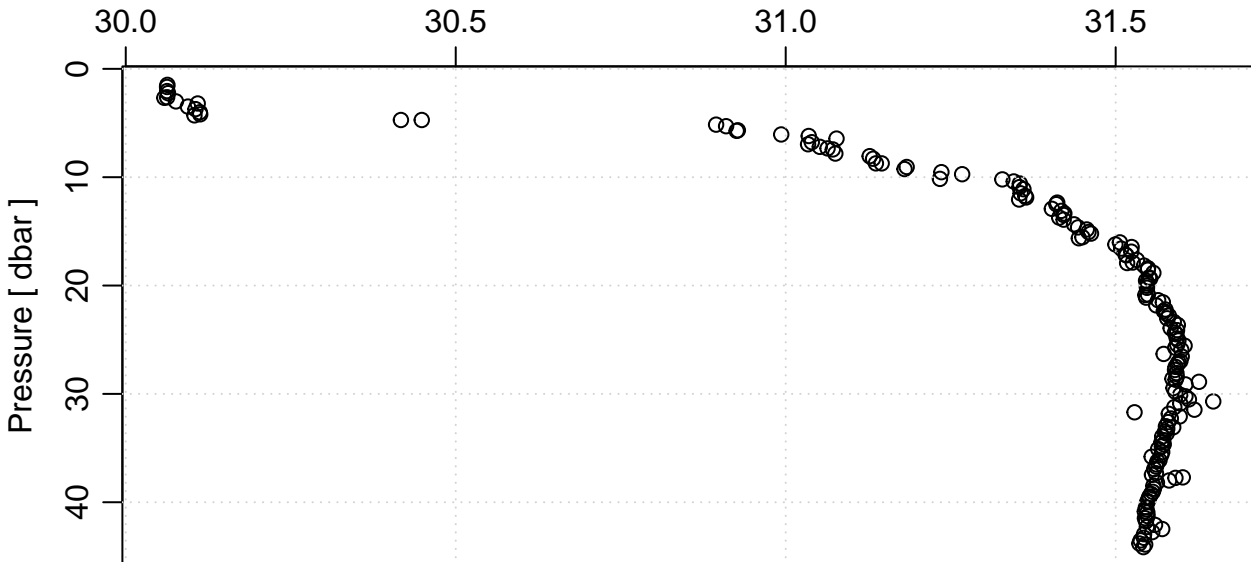
Pressure [dbar]



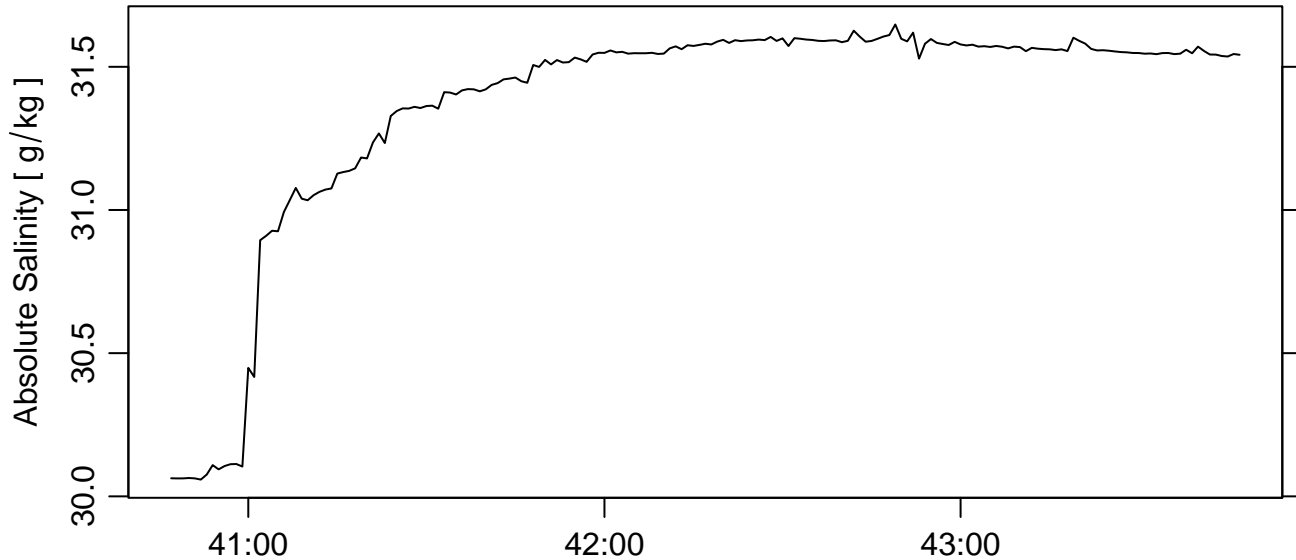
Conservative Temperature [°C]



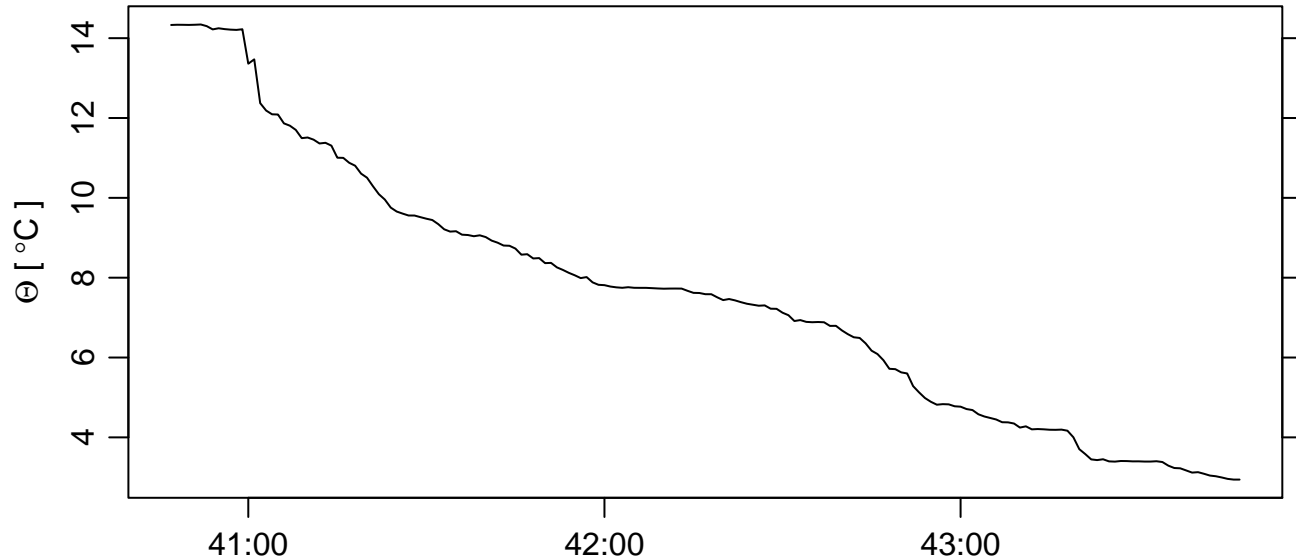
Absolute Salinity [g/kg]



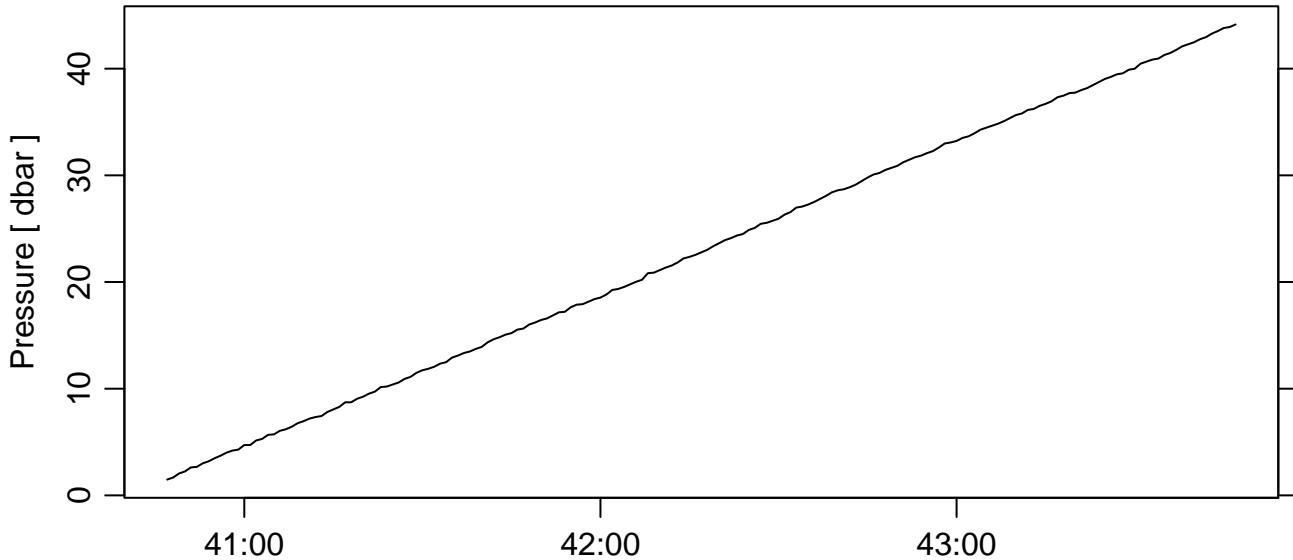
2003-10-15 15:40:39 to 2003-10-15 15:43:54UTC



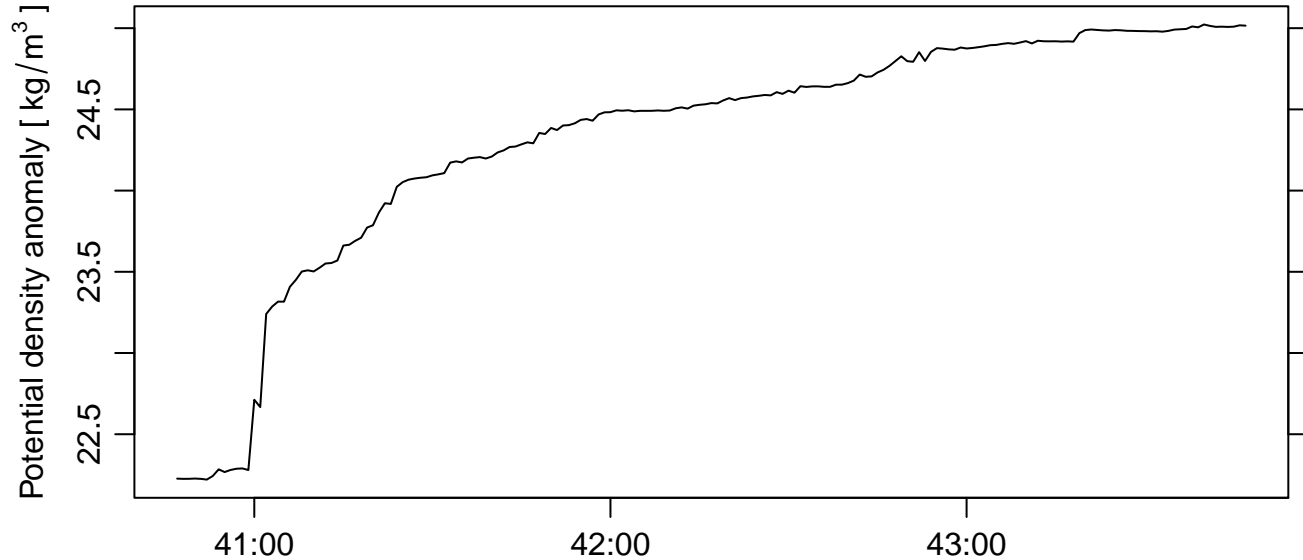
2003-10-15 15:40:39 to 2003-10-15 15:43:54UTC



2003-10-15 15:40:39 to 2003-10-15 15:43:54UTC

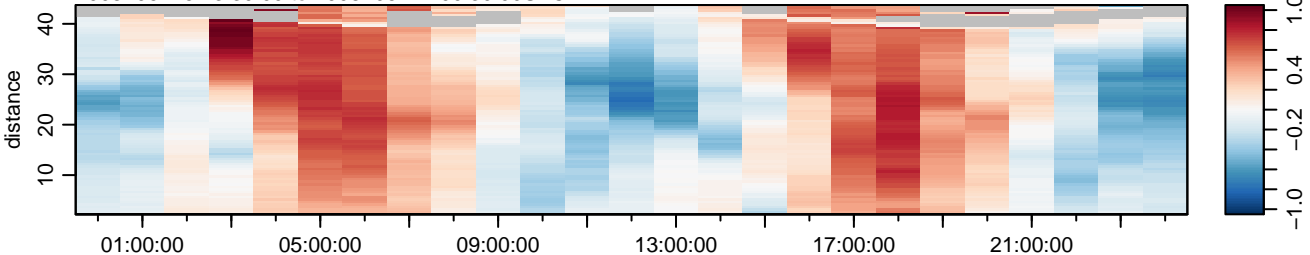


2003-10-15 15:40:39 to 2003-10-15 15:43:54UTC

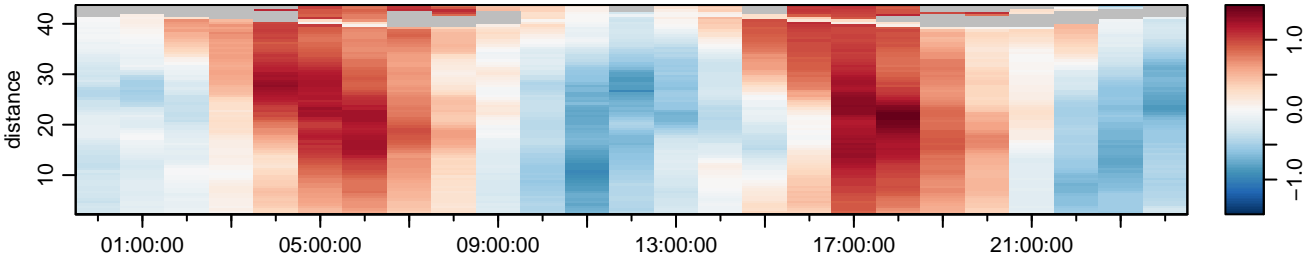


2008-06-25 23:30:00 to 2008-06-27 00:30:00UTC

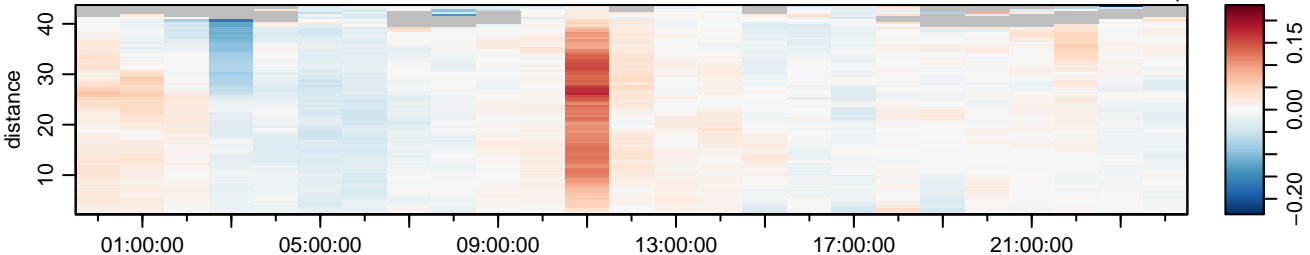
east



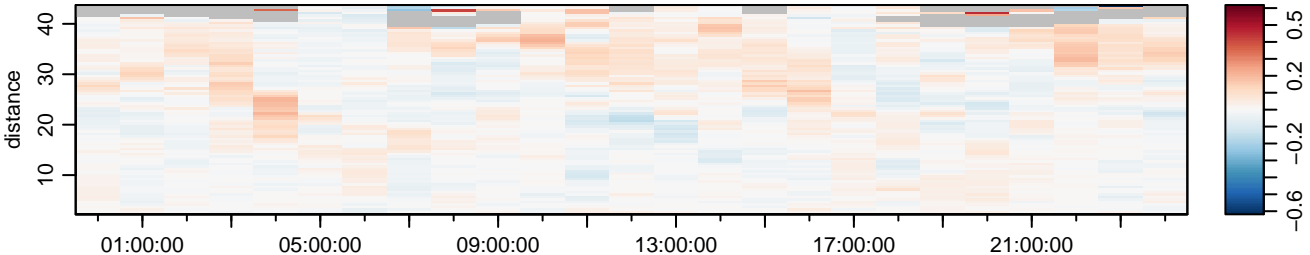
north



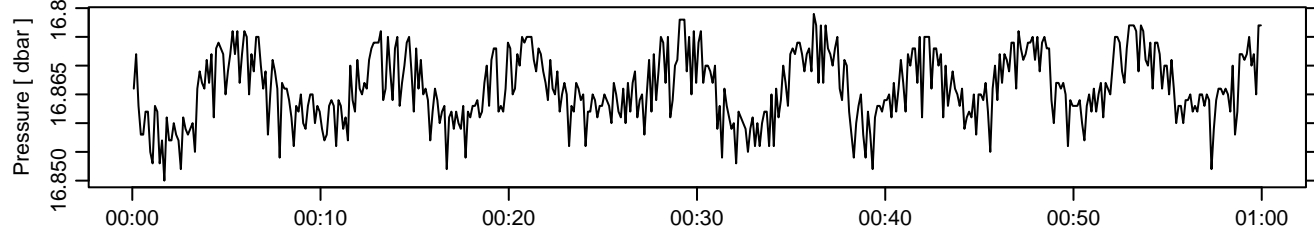
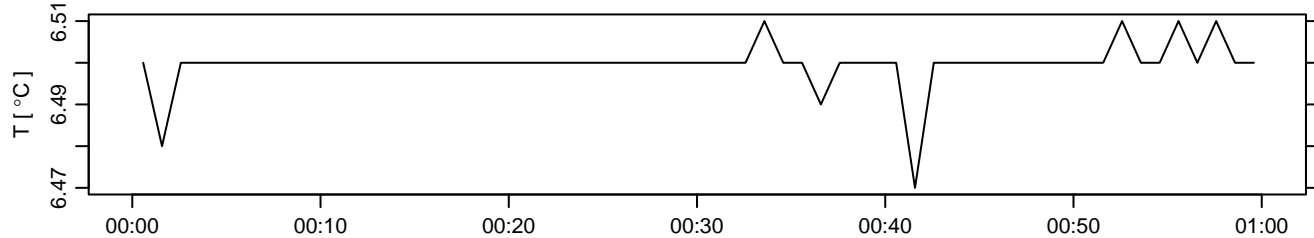
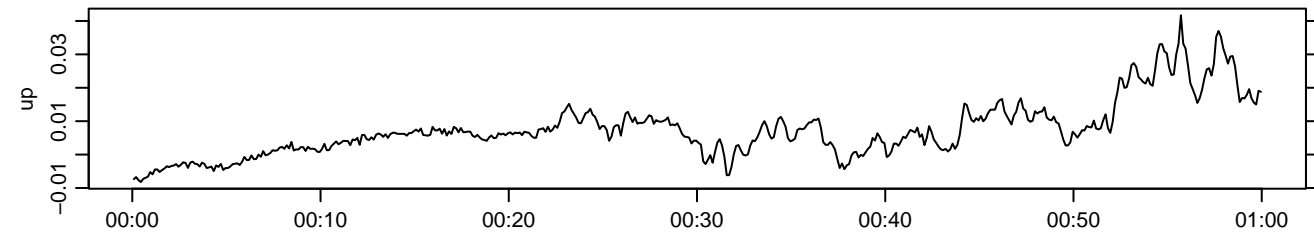
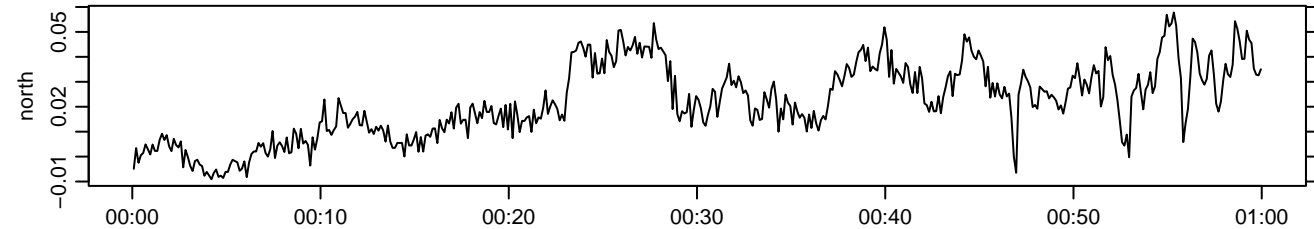
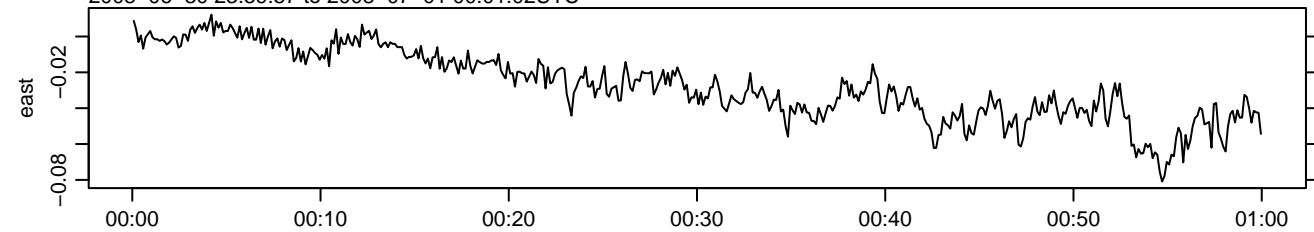
up



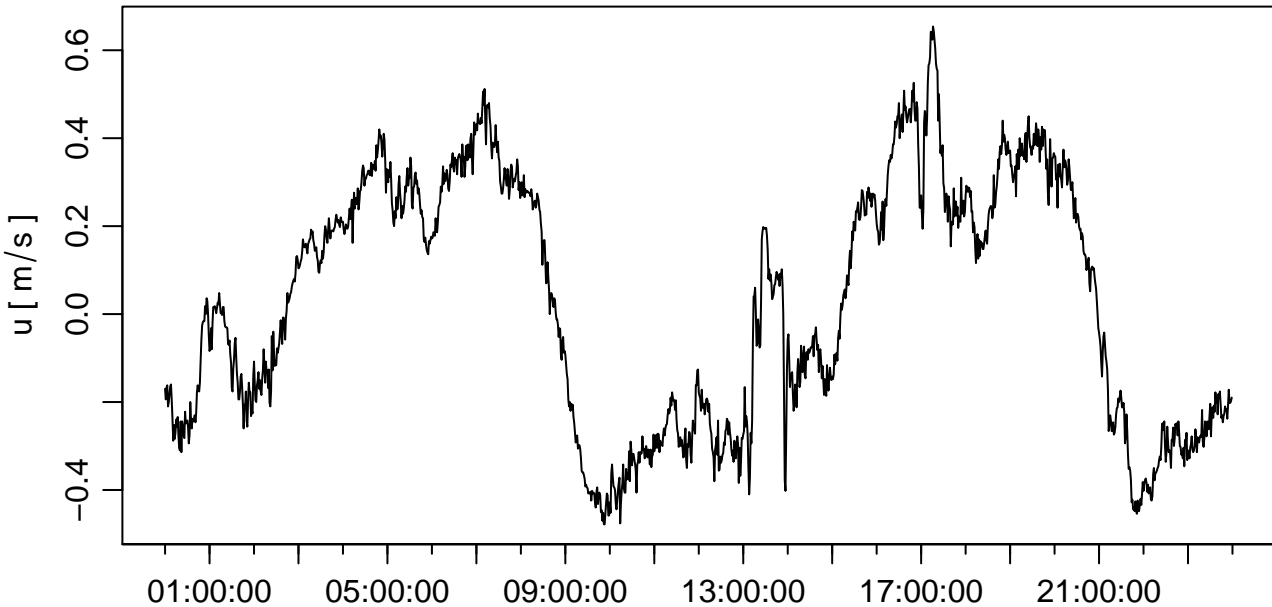
error



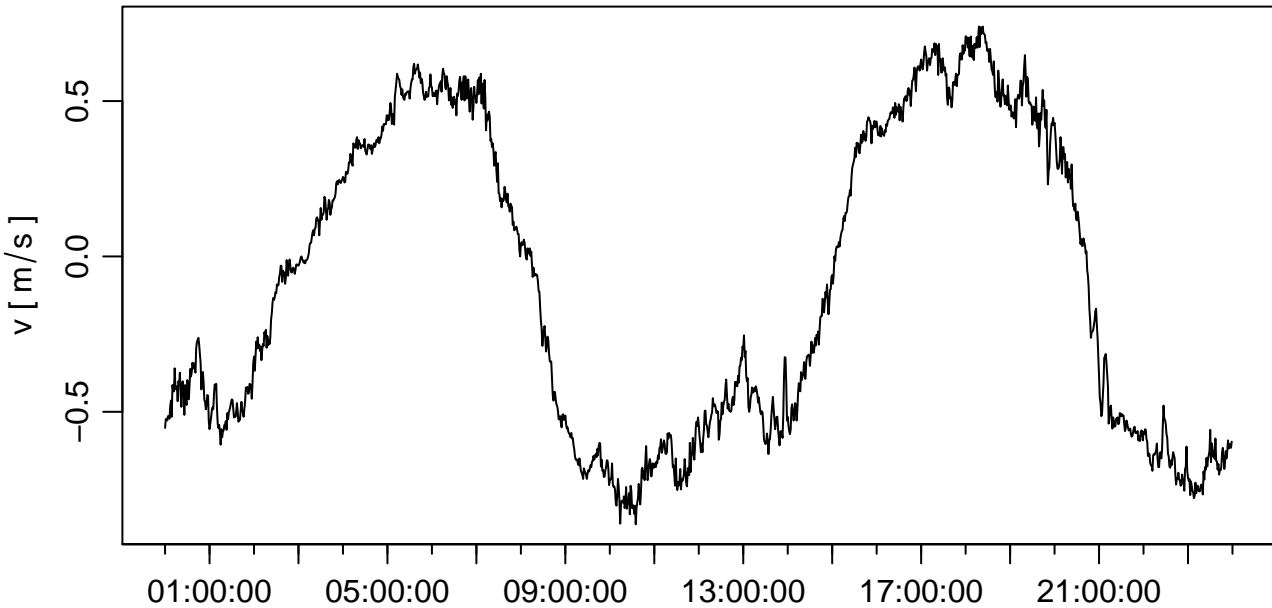
2008-06-30 23:59:57 to 2008-07-01 00:01:02UTC



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

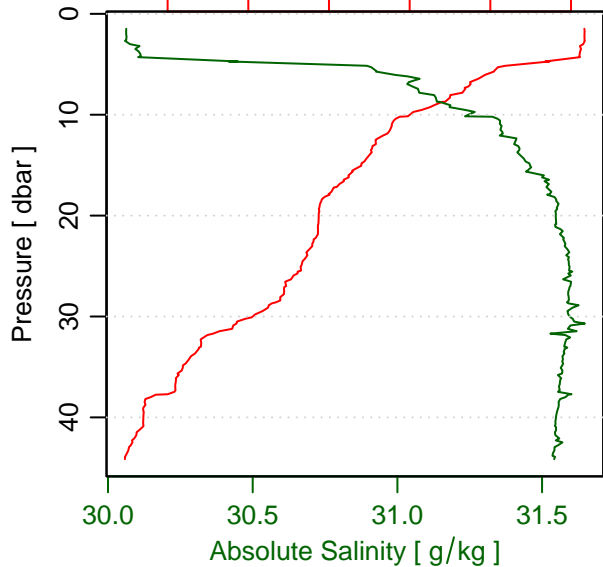


2008-06-25 23:02:26 to 2008-06-27 00:56:33UTC



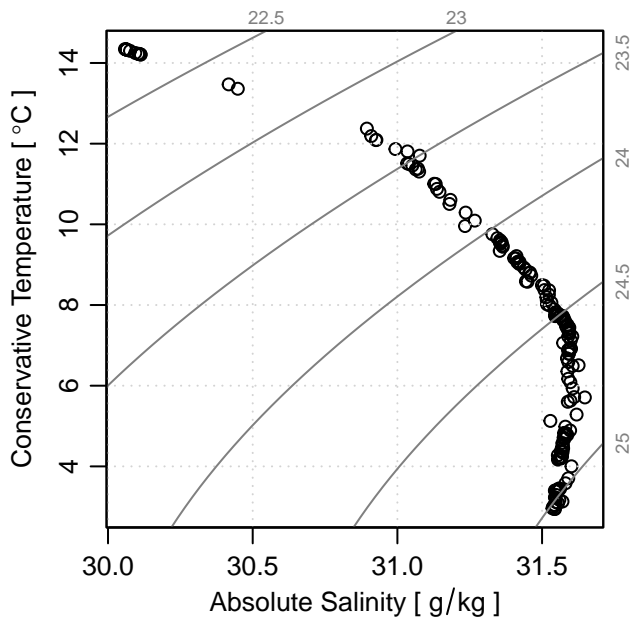
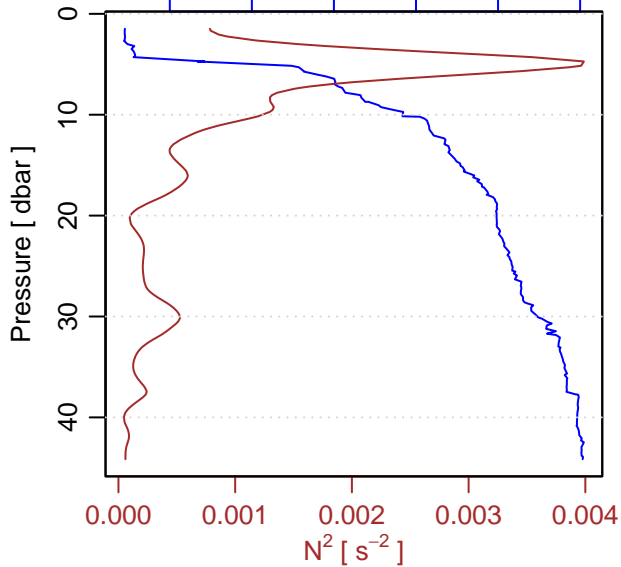
Conservative Temperature [°C]

4 6 8 10 12 14



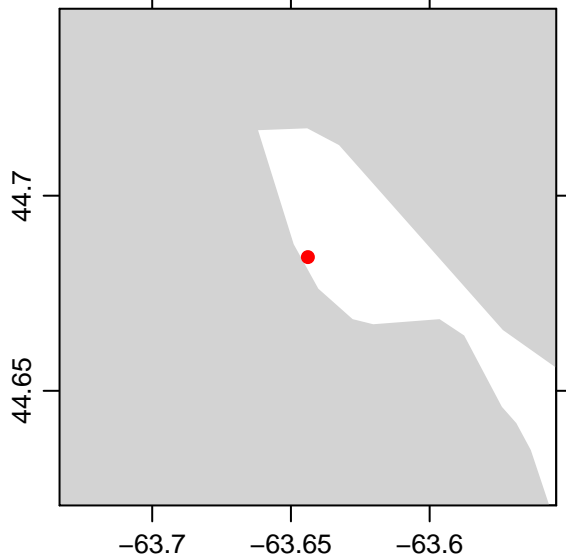
Potential density anomaly wrt surface [kg/m³]

22.5 23.0 23.5 24.0 24.5 25.0

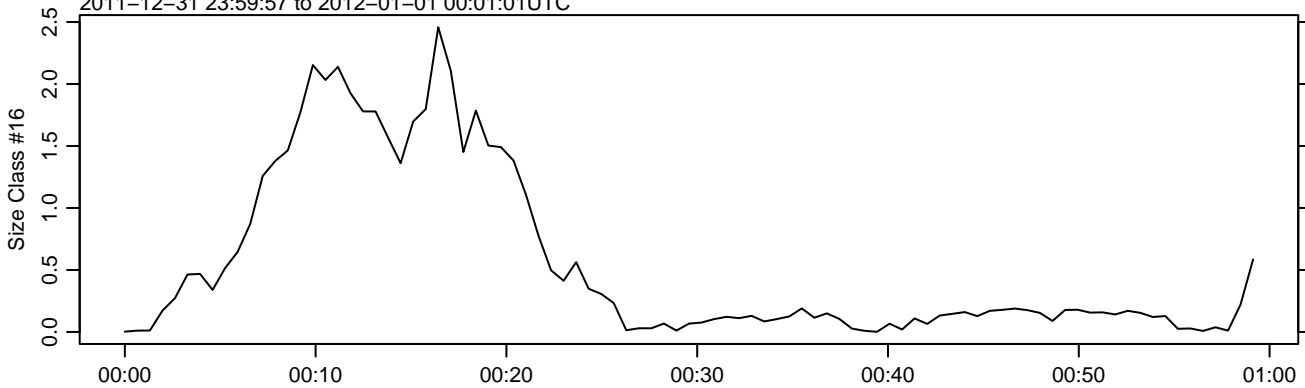


Stn 2

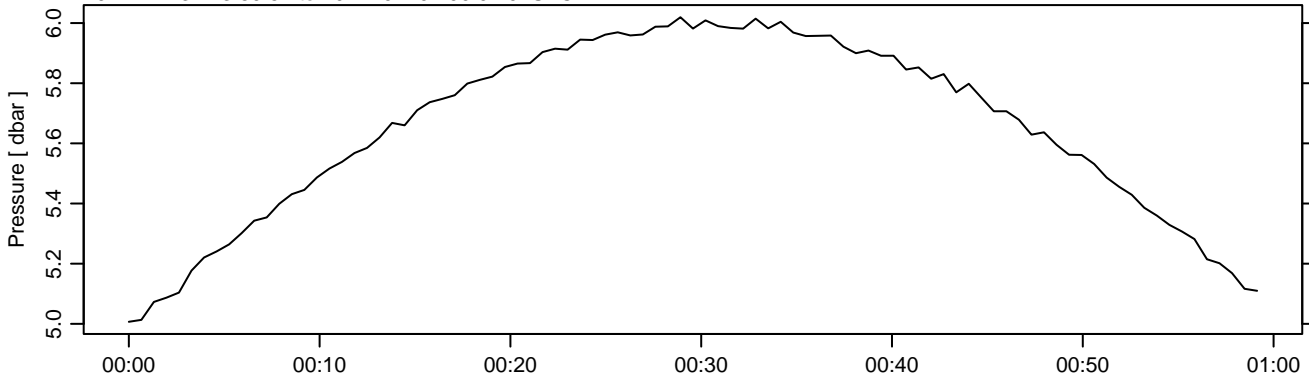
2003-10-15 15:38



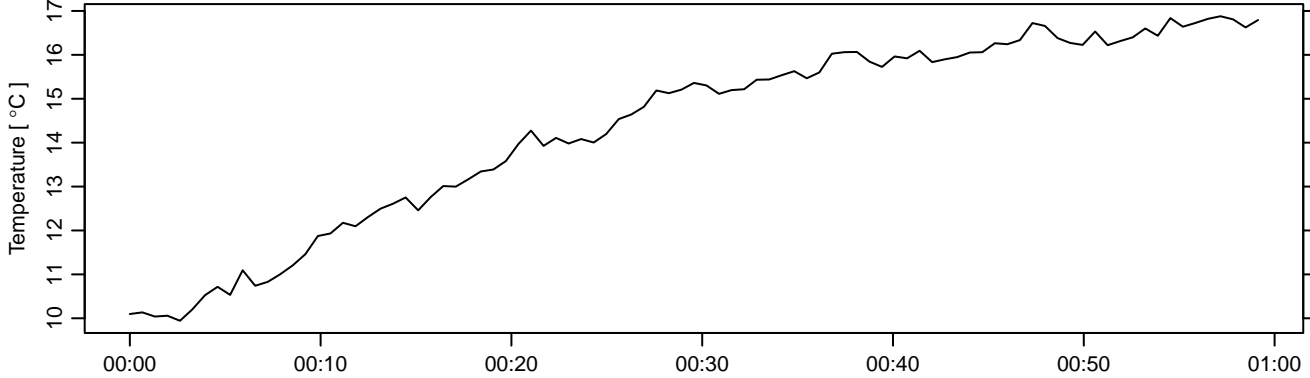
2011-12-31 23:59:57 to 2012-01-01 00:01:01UTC



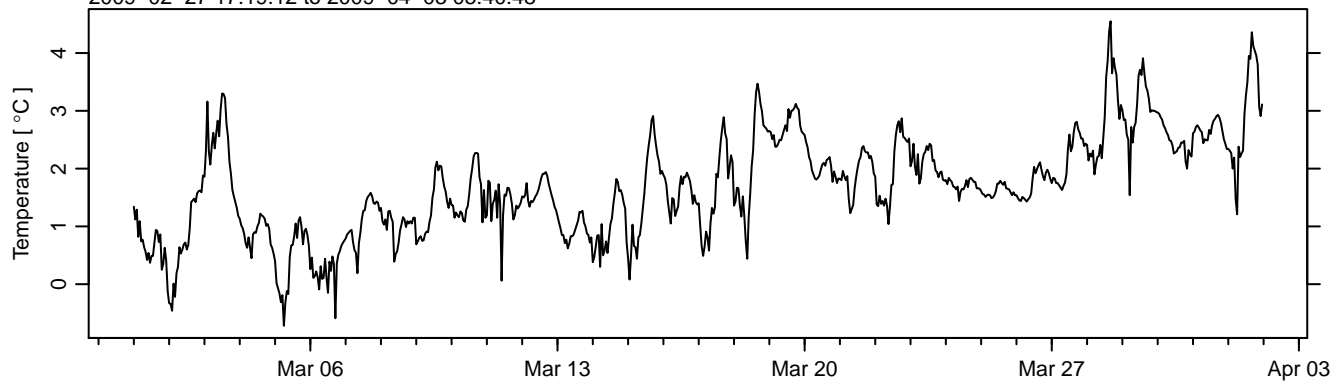
2011-12-31 23:59:57 to 2012-01-01 00:01:01UTC



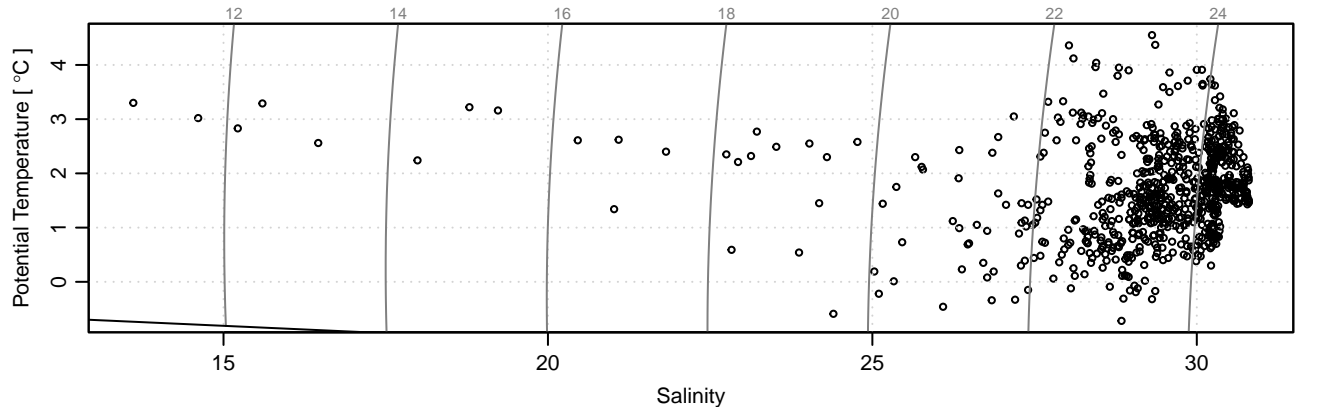
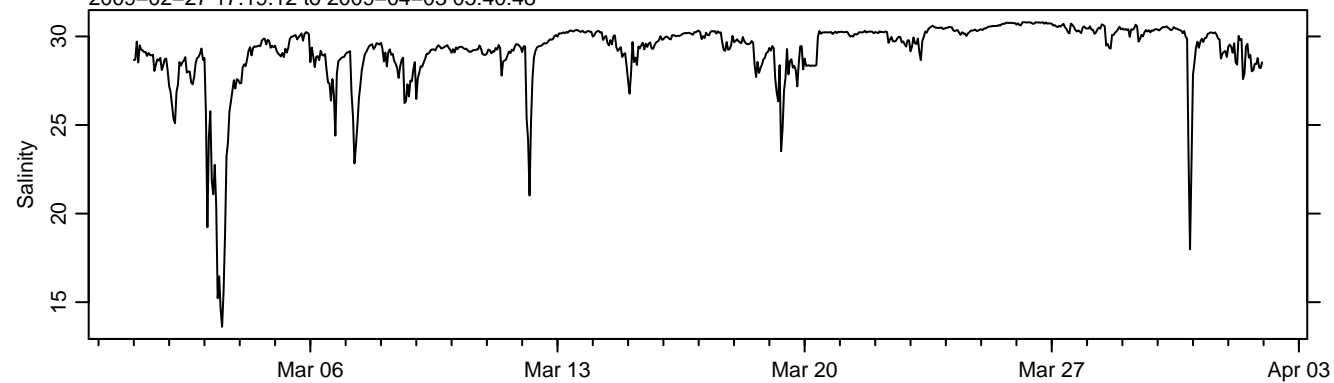
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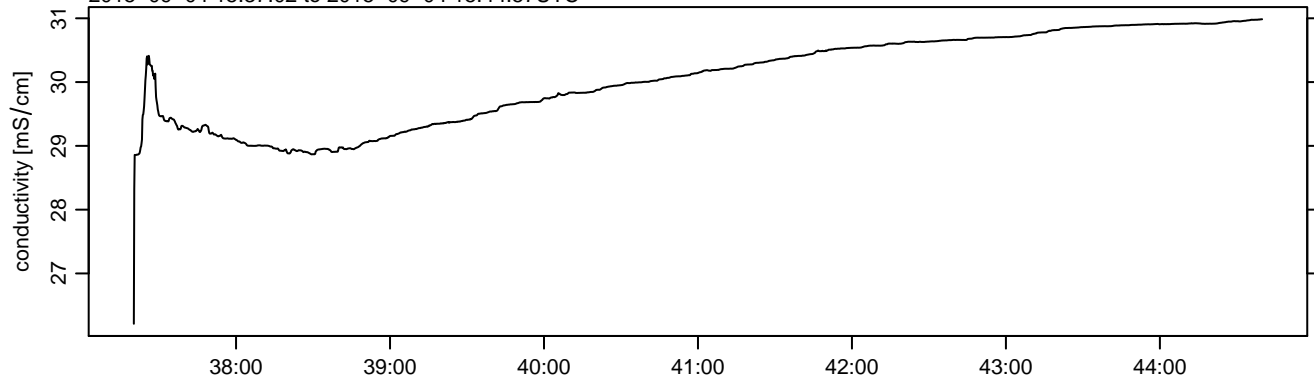
2009-02-27 17:19:12 to 2009-04-03 05:40:48



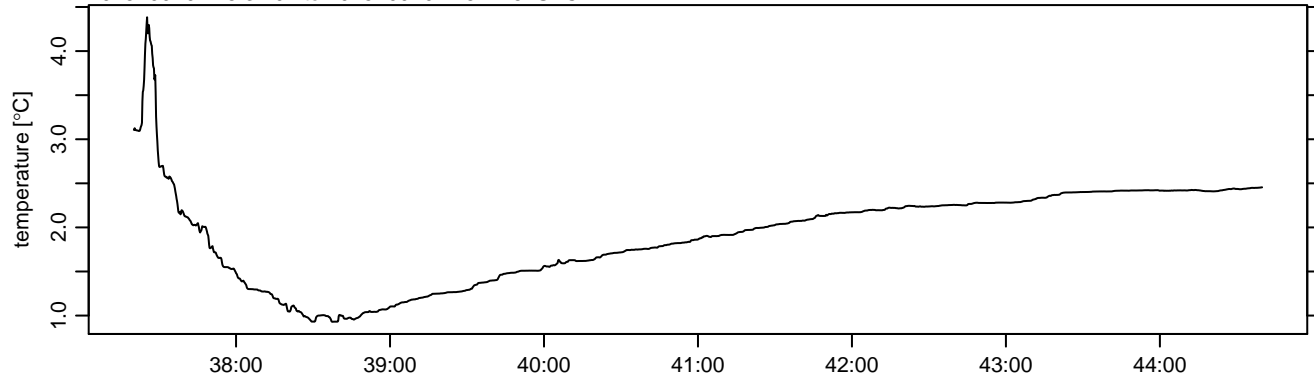
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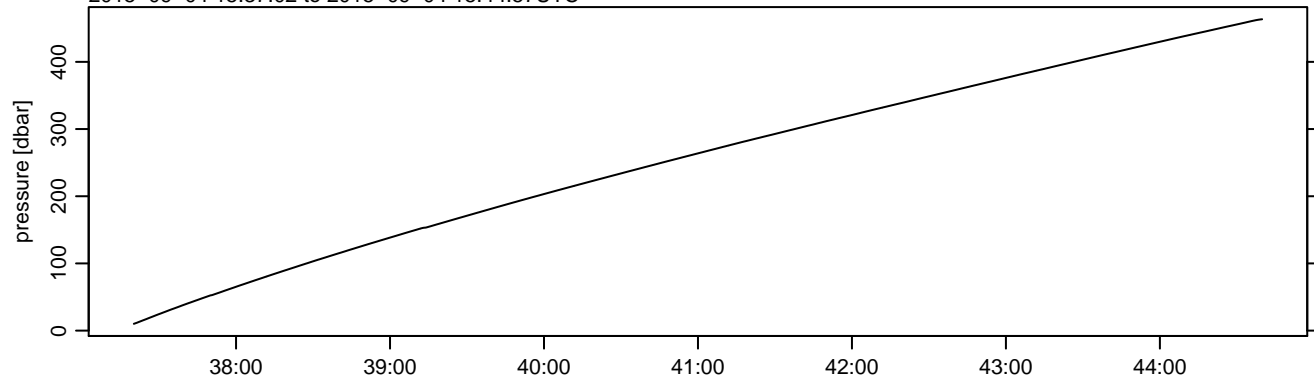
2015-09-04 15:37:02 to 2015-09-04 15:44:57UTC



2015-09-04 15:37:02 to 2015-09-04 15:44:57UTC

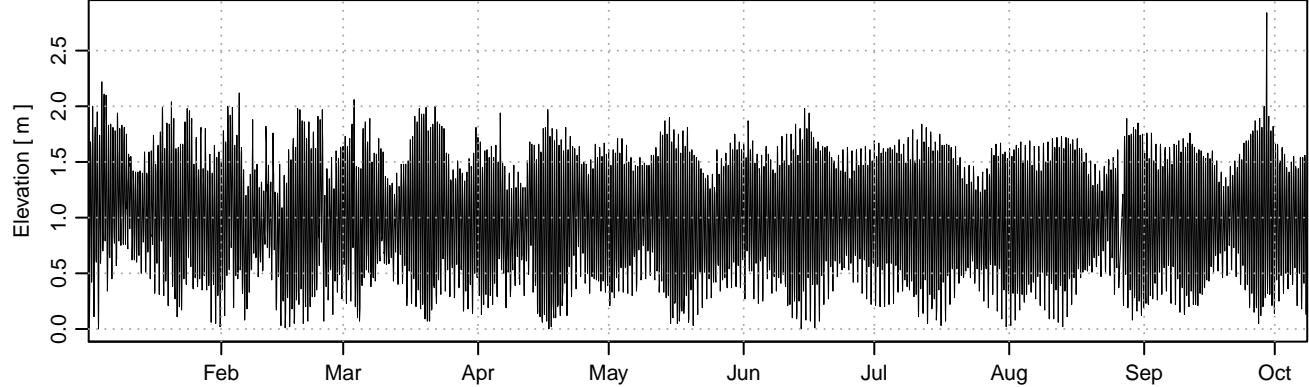


2015-09-04 15:37:02 to 2015-09-04 15:44:57UTC

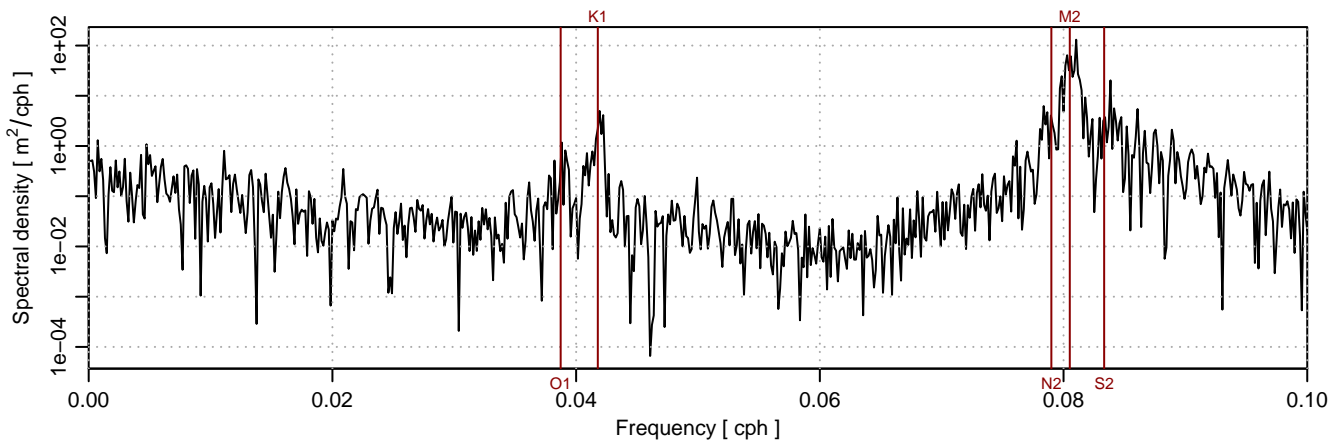
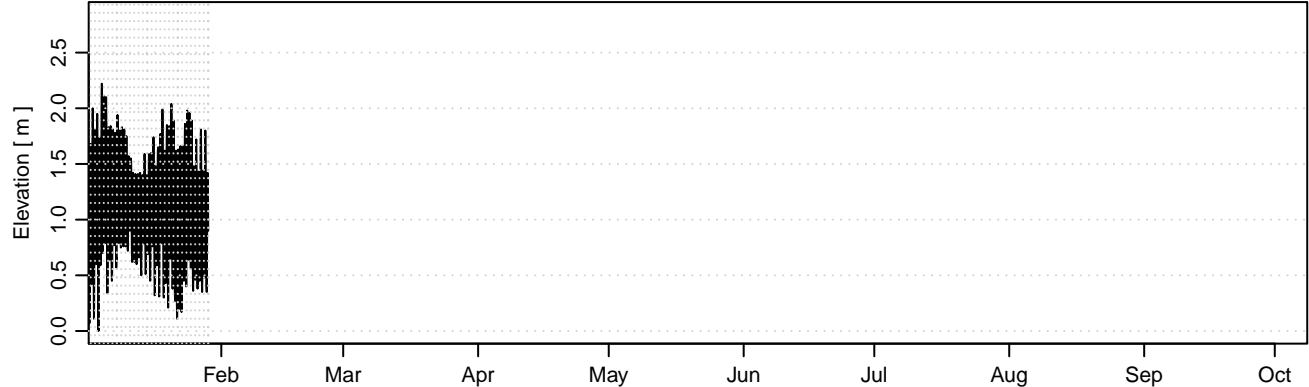


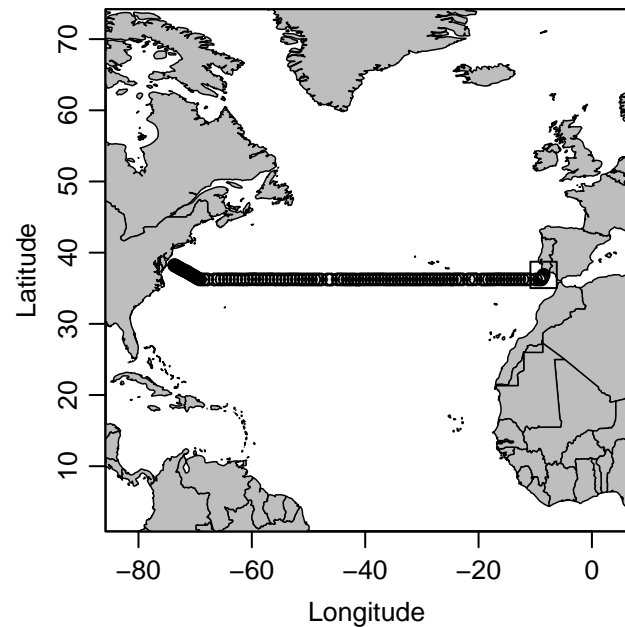
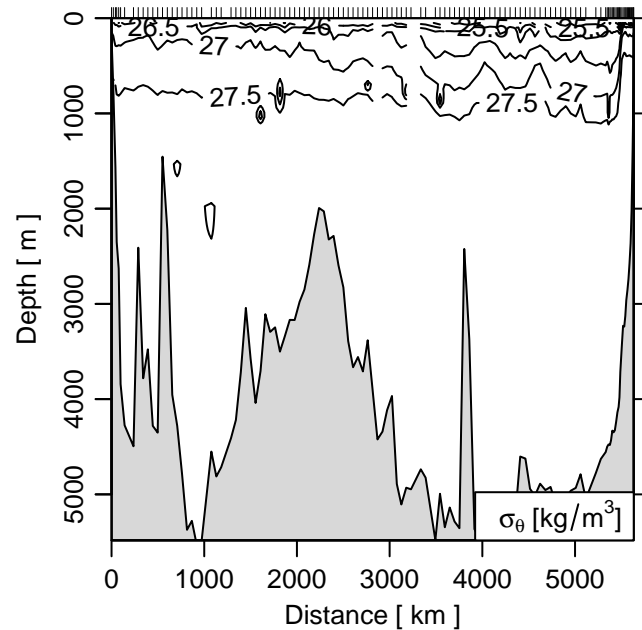
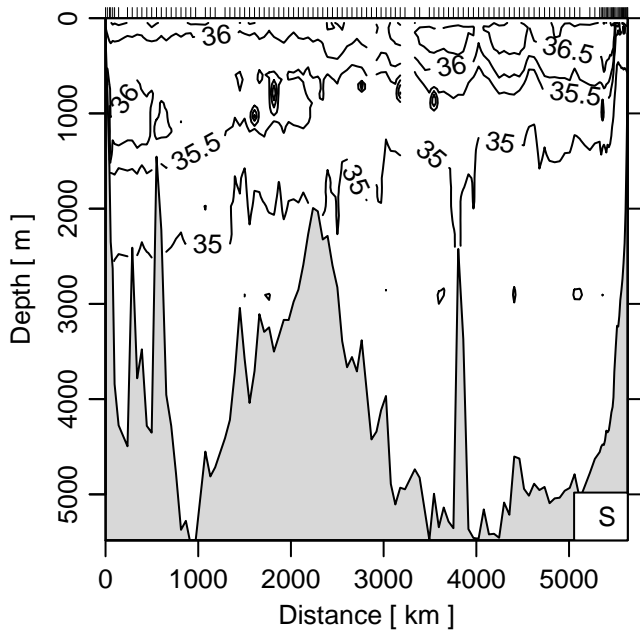
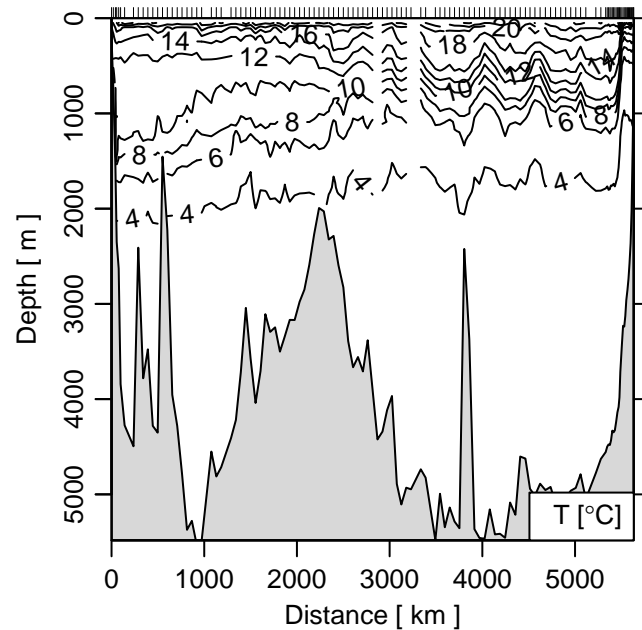
2003-01-01 13:00:00 to 2003-10-08 11:00:00

Station 490 HALIFAX 44.6667N 63.5833W

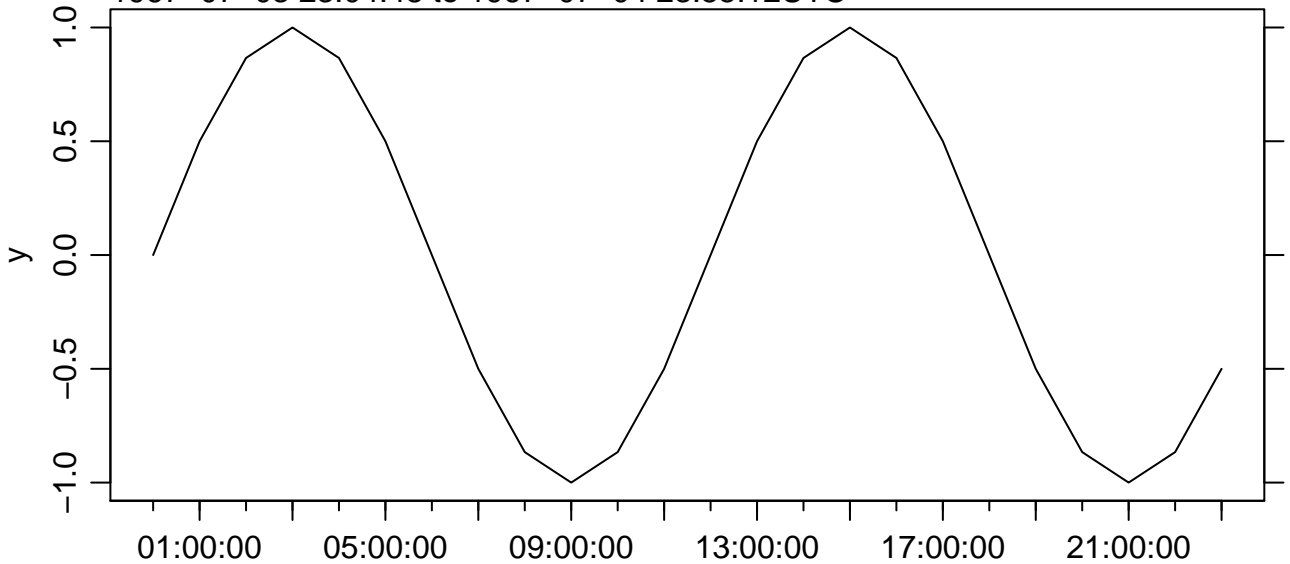


2003-01-01 13:00:00 to 2003-10-08 11:00:00





1967-07-03 23:04:48 to 1967-07-04 23:55:12UTC



1967-07-03 23:04:48 to 1967-07-04 23:55:12UTC

