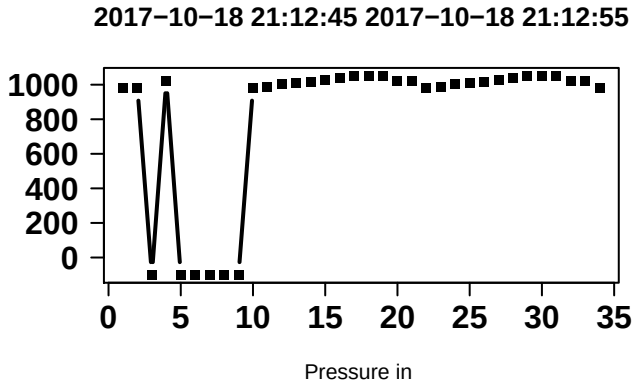
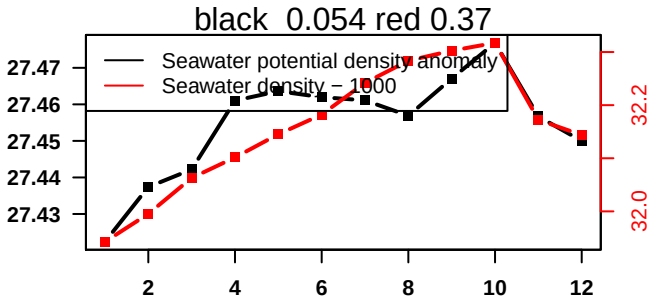
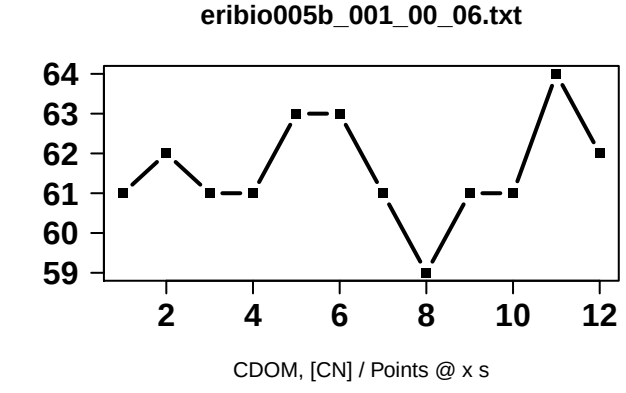
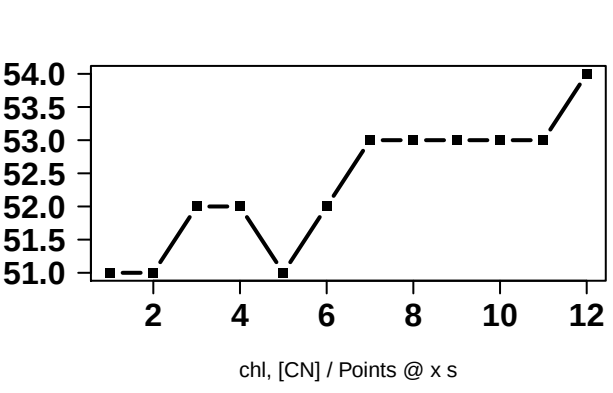
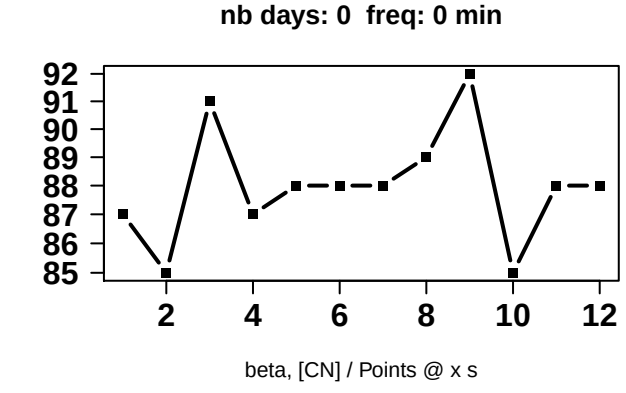
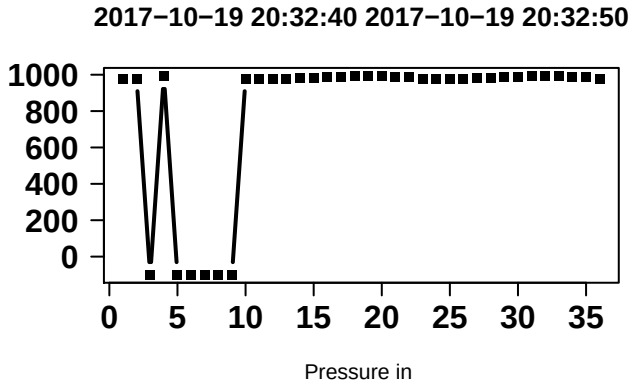

2017−10−18 21:12:45 2017−10−18 21:12:55
1000
800
600
400
200
0
0 5 10 15 20 25 30 35
Pressure in

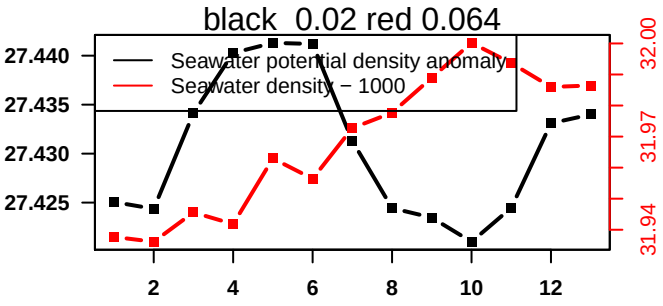

black 0.054 red 0.37
Seawater potential density anomaly
Seawater density − 1000
27.47
27.46
27.45
27.44
27.43
2 4 6 8 10 12
32.2
32.0

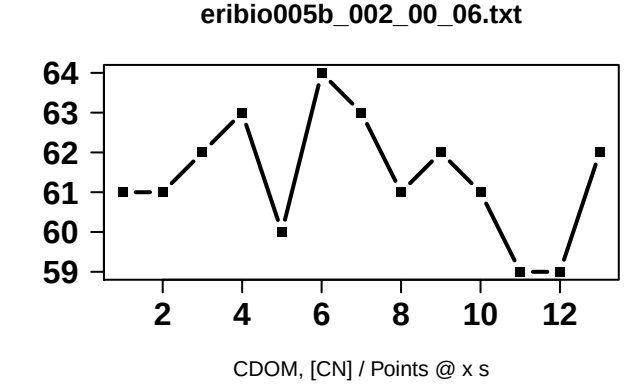

eribio005b_001_00_06.txt
64
63
62
61
60
59
2 4 6 8 10 12
CDOM, [CN] / Points @ x s

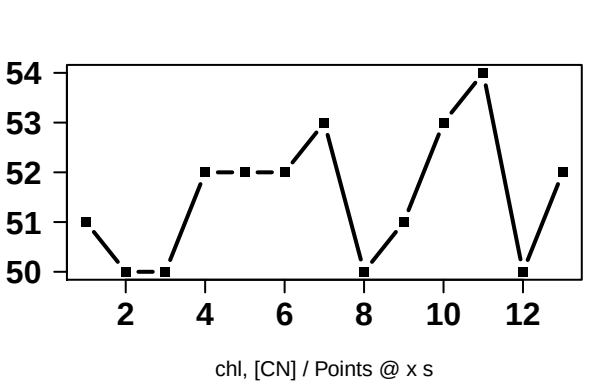

54.0
53.5
53.0
52.5
52.0
51.5
51.0
2 4 6 8 10 12
chl, [CN] / Points @ x s

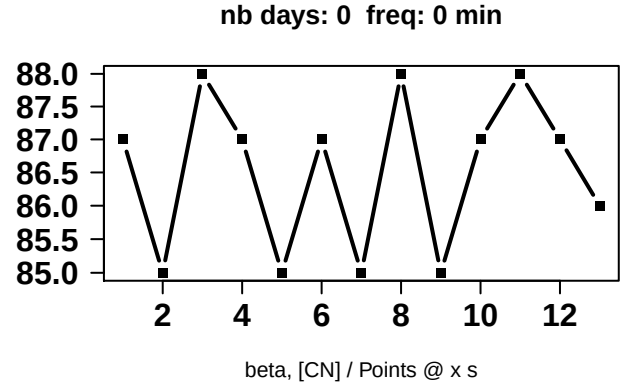

nb days: 0 freq: 0 min
92
91
90
89
88
87
86
85
2 4 6 8 10 12
beta, [CN] / Points @ x s

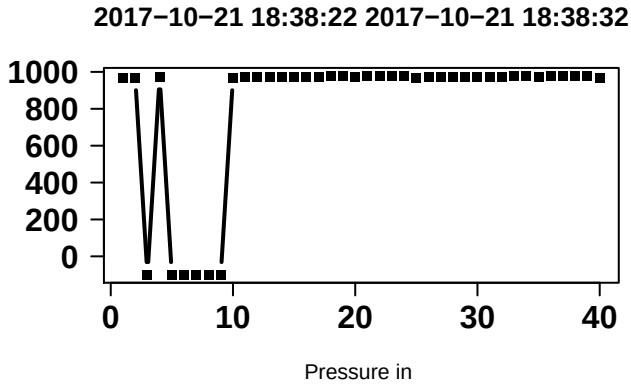

2017−10−19 20:32:40 2017−10−19 20:32:50
1000
800
600
400
200
0
0 5 10 15 20 25 30 35
Pressure in

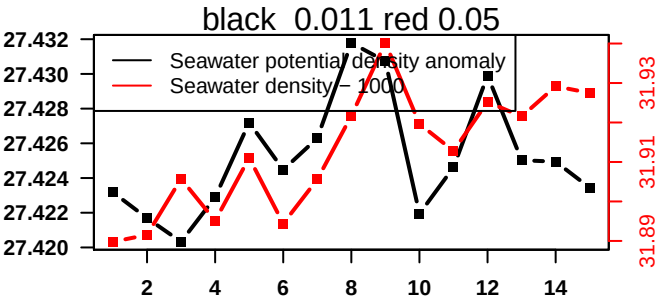

black 0.02 red 0.064
Seawater potential density anomaly
Seawater density − 1000
27.440
27.435
27.430
27.425
32.00
31.97
31.94
2 4 6 8 10 12

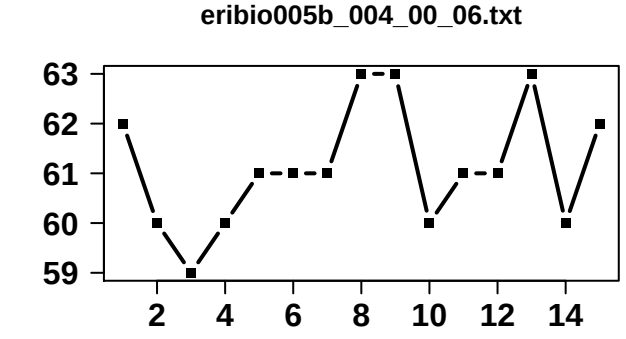

eribio005b_002_00_06.txt
64
63
62
61
60
59
2 4 6 8 10 12
CDOM, [CN] / Points @ x s

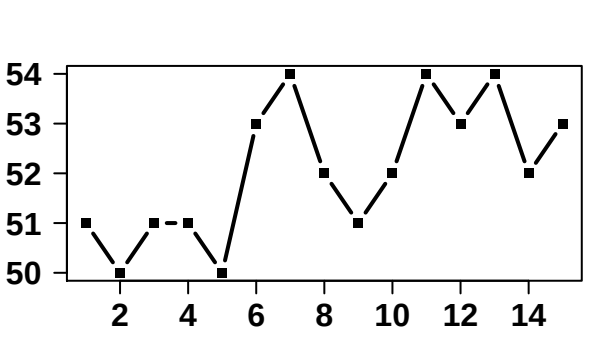

54
53
52
51
50
2 4 6 8 10 12
chl, [CN] / Points @ x s

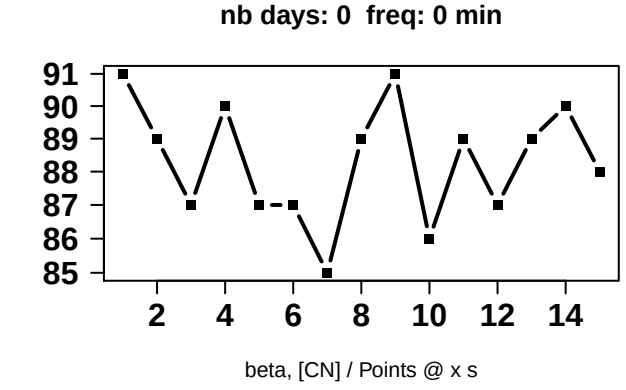

nb days: 0 freq: 0 min
88.0
87.5
87.0
86.5
86.0
85.5
85.0
2 4 6 8 10 12
beta, [CN] / Points @ x s

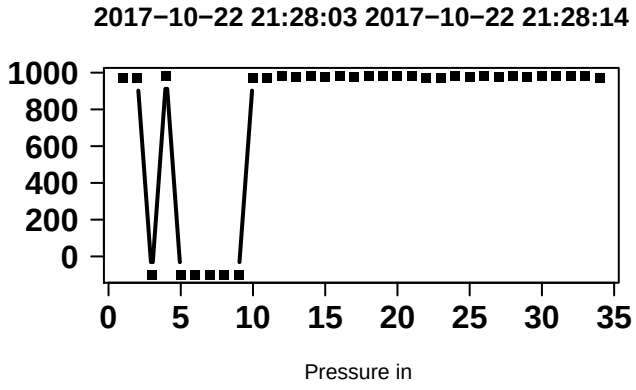

2017−10−21 18:38:22 2017−10−21 18:38:32
1000
800
600
400
200
0
0
10
20
30
40
Pressure in

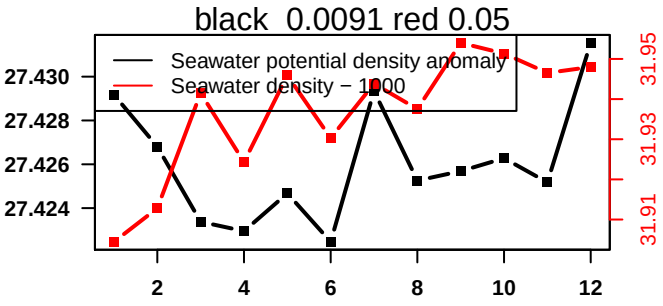

black 0.011 red 0.05
Seawater potential density anomaly
Seawater density − 1000
27.432
27.430
27.428
27.426
27.424
27.422
27.420
31.93
31.91
31.89
2
4
6
8
10
12
14

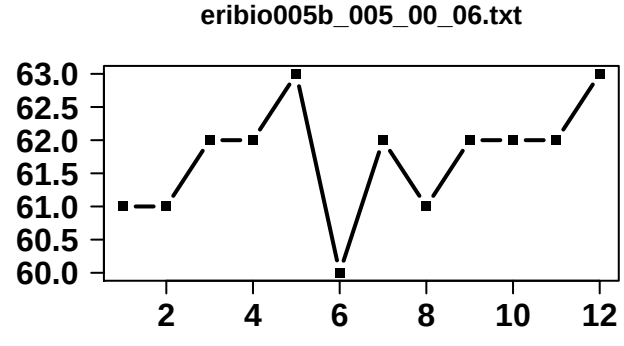

eribio005b_004_00_06.txt
63
62
61
60
59
2
4
6
8
10
12
14
CDOM, [CN] / Points @ x s

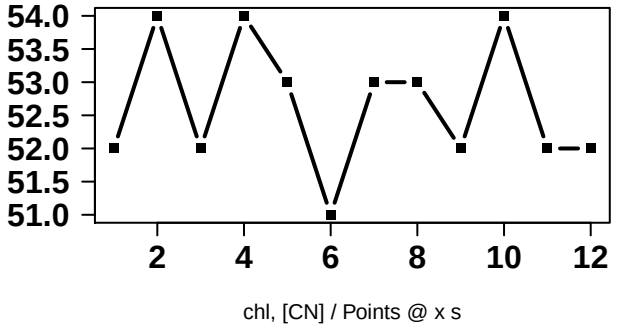

54
53
52
51
50
2
4
6
8
10
12
14
chl, [CN] / Points @ x s

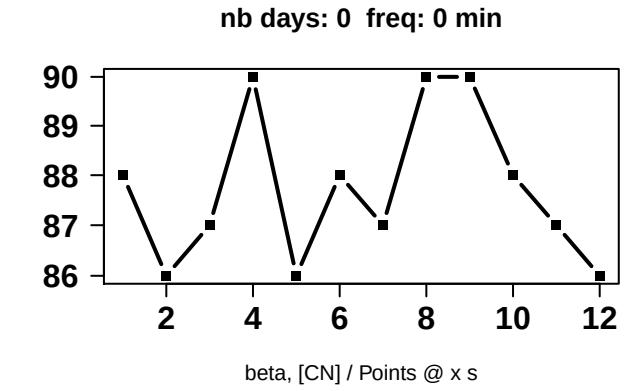

nb days: 0 freq: 0 min
91
90
89
88
87
86
85
2
4
6
8
10
12
14
beta, [CN] / Points @ x s

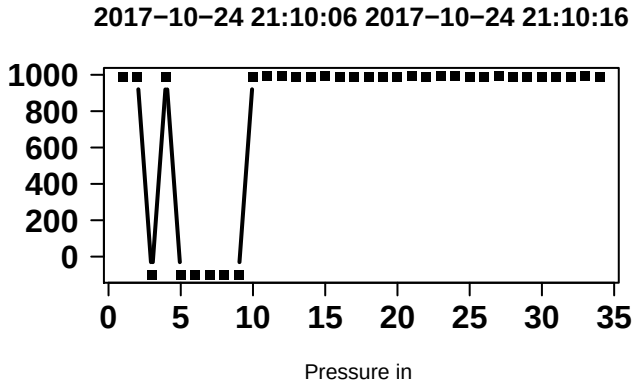

2017−10−22 21:28:03 2017−10−22 21:28:14
1000
800
600
400
200
0
0 5 10 15 20 25 30 35
Pressure in

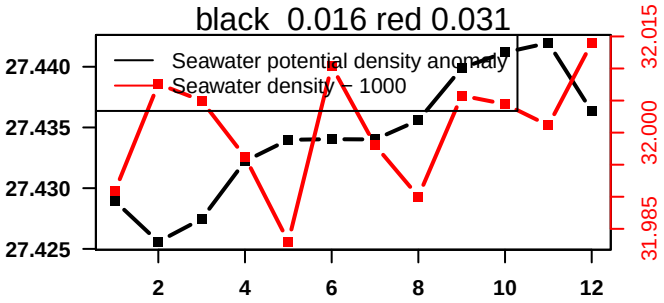

black 0.0091 red 0.05
Seawater potential density anomaly
Seawater density − 1000
27.430
27.428
27.426
27.424
31.95
31.93
31.91
2 4 6 8 10 12

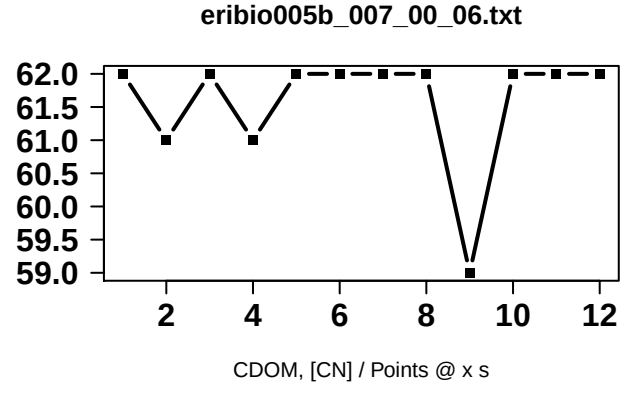

eribio005b_005_00_06.txt
63.0
62.5
62.0
61.5
61.0
60.5
60.0
2 4 6 8 10 12
CDOM, [CN] / Points @ x s

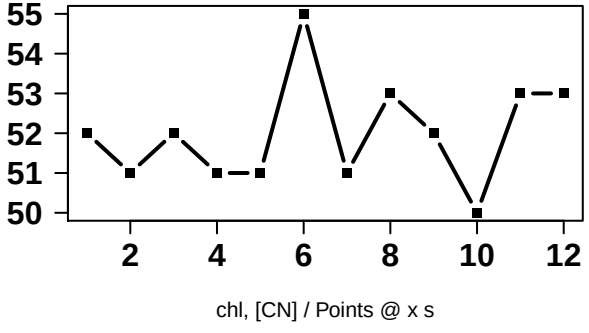

54.0
53.5
53.0
52.5
52.0
51.5
51.0
2 4 6 8 10 12
chl, [CN] / Points @ x s

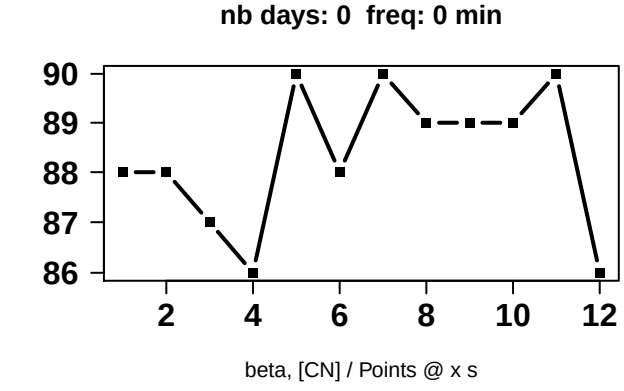

nb days: 0 freq: 0 min
90
89
88
87
86
2 4 6 8 10 12
beta, [CN] / Points @ x s

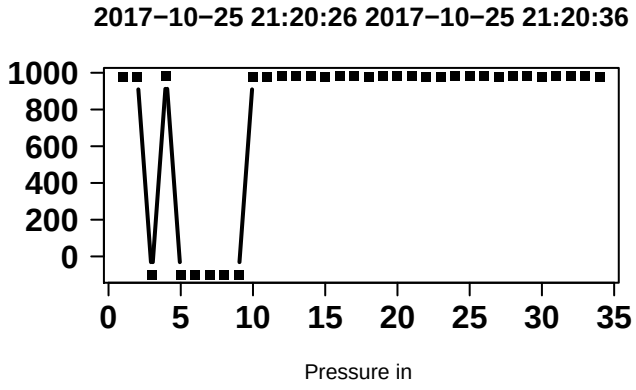

2017−10−24 21:10:06 2017−10−24 21:10:16
1000
800
600
400
200
0
0
5
10
15
20
25
30
35
Pressure in

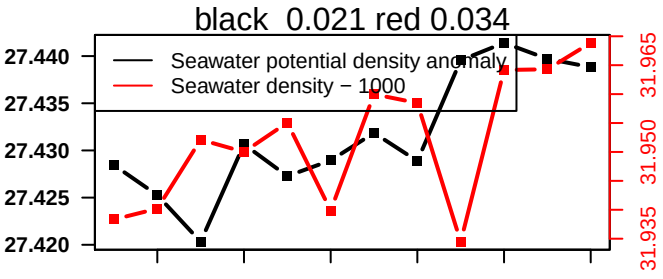

black 0.016 red 0.031
Seawater potential density anomaly
Seawater density − 1000
27.440
27.435
27.430
27.425
2
4
6
8
10
12
32.015
32.000
31.985

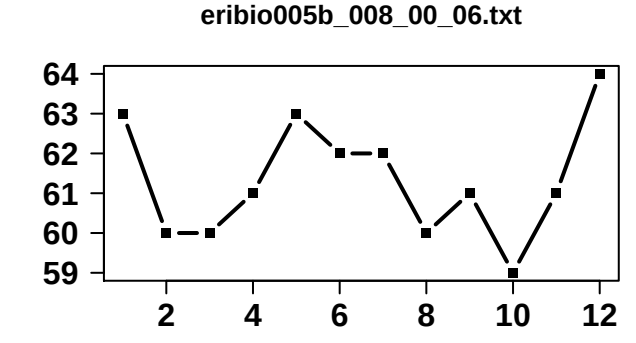

eribio005b_007_00_06.txt
62.0
61.5
61.0
60.5
60.0
59.5
59.0
2
4
6
8
10
12
CDOM, [CN] / Points @ x s

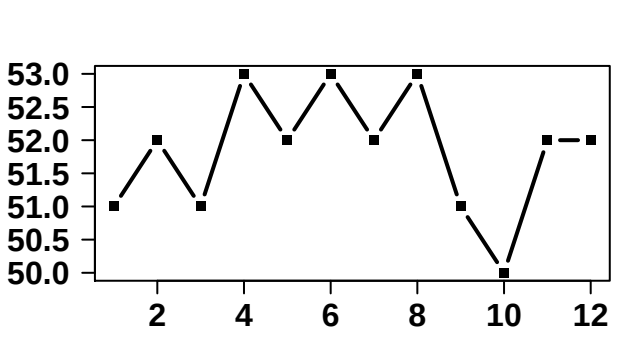

55
54
53
52
51
50
2
4
6
8
10
12
chl, [CN] / Points @ x s

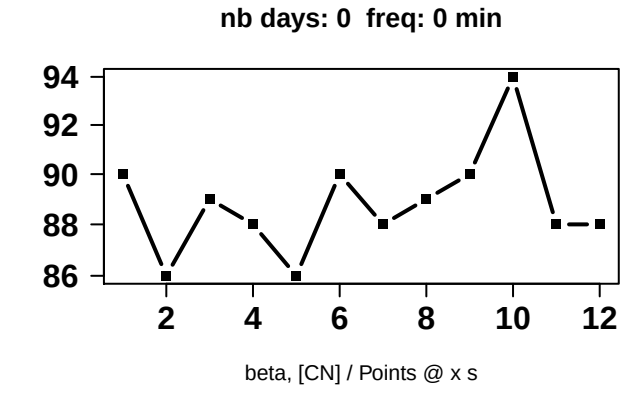

nb days: 0 freq: 0 min
90
89
88
87
86
2
4
6
8
10
12
beta, [CN] / Points @ x s

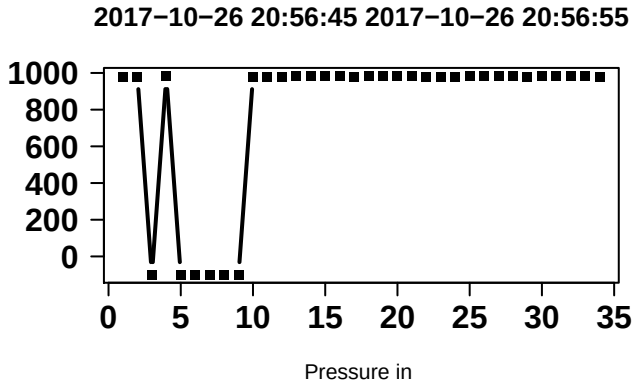

2017−10−25 21:20:26 2017−10−25 21:20:36
1000
800
600
400
200
0
0
5
10
15
20
25
30
35
Pressure in

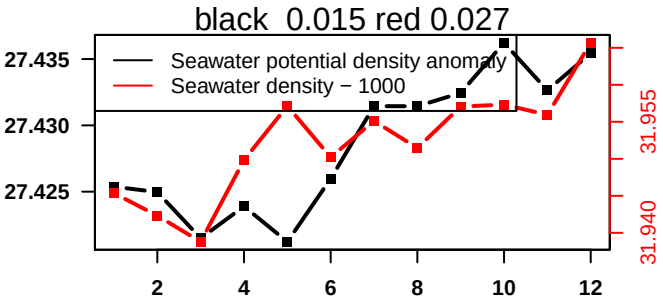

black 0.021 red 0.034
Seawater potential density anomaly
Seawater density − 1000
27.440
27.435
27.430
27.425
27.420
31.965
31.950
31.935
2
4
6
8
10
12

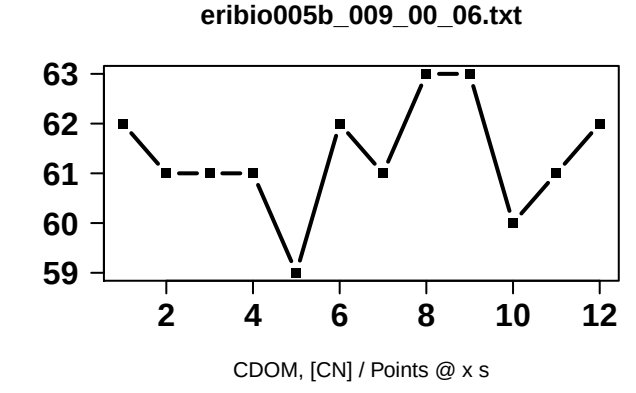

eribio005b_008_00_06.txt
64
63
62
61
60
59
2
4
6
8
10
12
CDOM, [CN] / Points @ x s

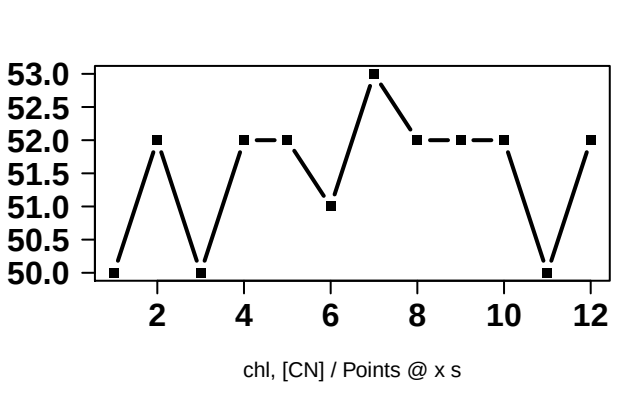

53.0
52.5
52.0
51.5
51.0
50.5
50.0
2
4
6
8
10
12
chl, [CN] / Points @ x s

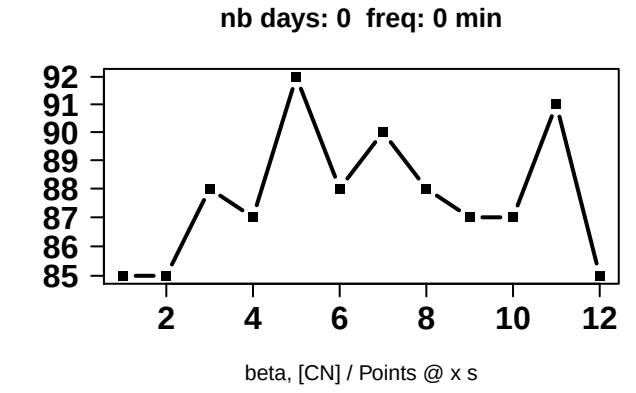

nb days: 0 freq: 0 min
94
92
90
88
86
2
4
6
8
10
12
beta, [CN] / Points @ x s

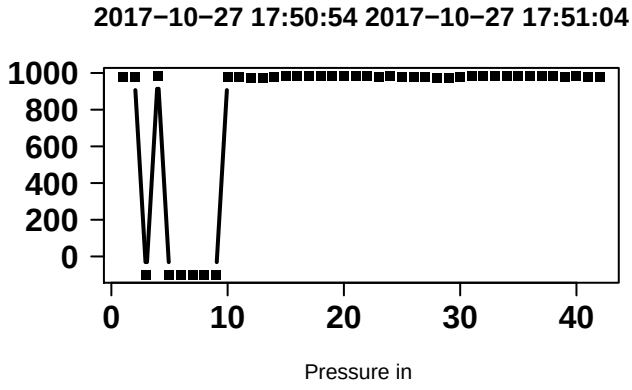

2017−10−26 20:56:45 2017−10−26 20:56:55
1000
800
600
400
200
0
0
5
10
15
20
25
30
35
Pressure in

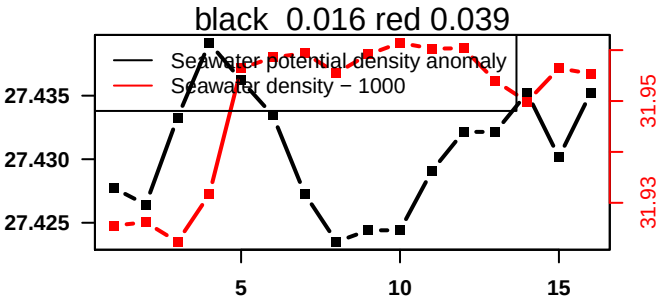

black 0.015 red 0.027
Seawater potential density anomaly
Seawater density − 1000
27.435
27.430
27.425
31.955
31.940
2
4
6
8
10
12

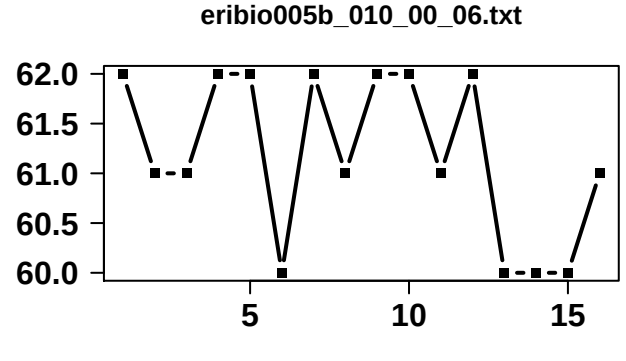

eribio005b_009_00_06.txt
63
62
61
60
59
2
4
6
8
10
12
CDOM, [CN] / Points @ x s

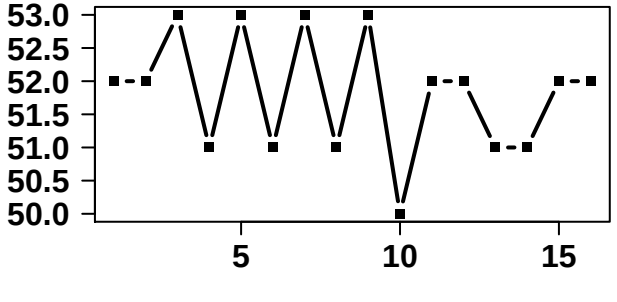

53.0
52.5
52.0
51.5
51.0
50.5
50.0
2
4
6
8
10
12
chl, [CN] / Points @ x s

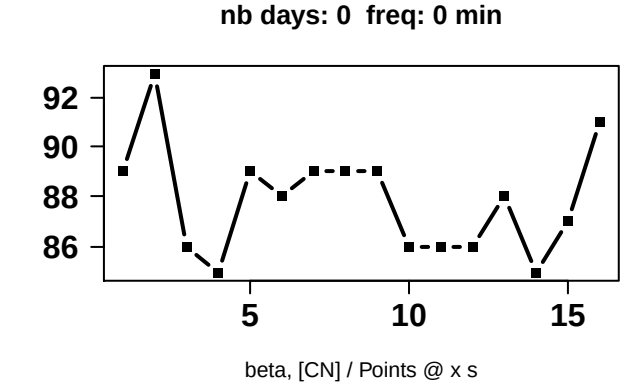

nb days: 0 freq: 0 min
92
91
90
89
88
87
86
85
2
4
6
8
10
12
beta, [CN] / Points @ x s

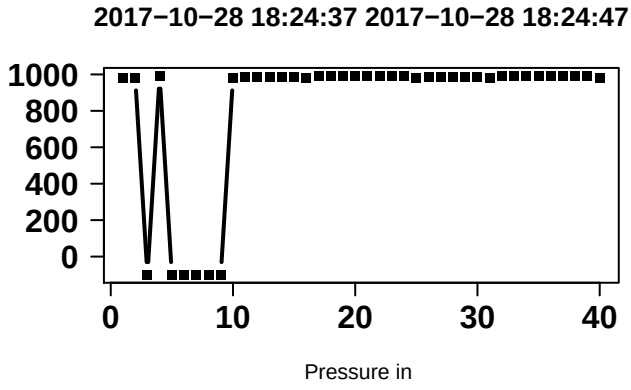

2017−10−27 17:50:54 2017−10−27 17:51:04
1000
800
600
400
200
0
0
10
20
30
40
Pressure in

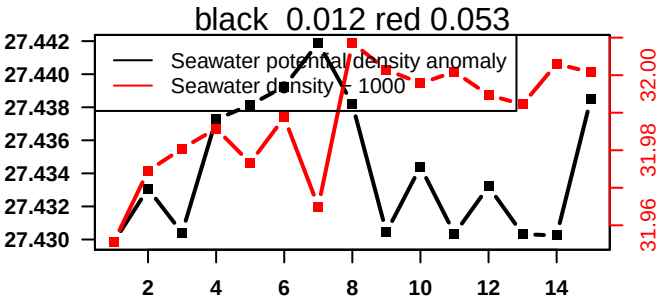

black 0.016 red 0.039
Seawater potential density anomaly
Seawater density − 1000
27.435
27.430
27.425
31.95
31.93
5
10
15

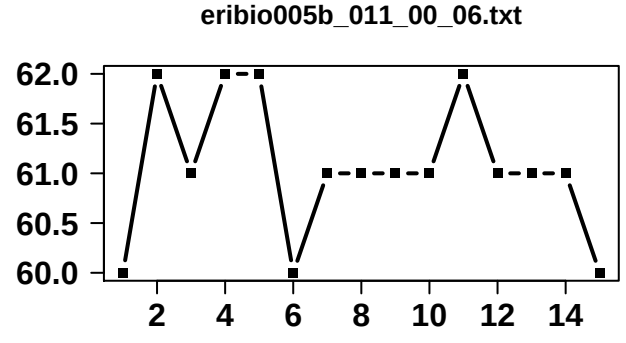

eribio005b_010_00_06.txt
62.0
61.5
61.0
60.5
60.0
5
10
15
CDOM, [CN] / Points @ x s

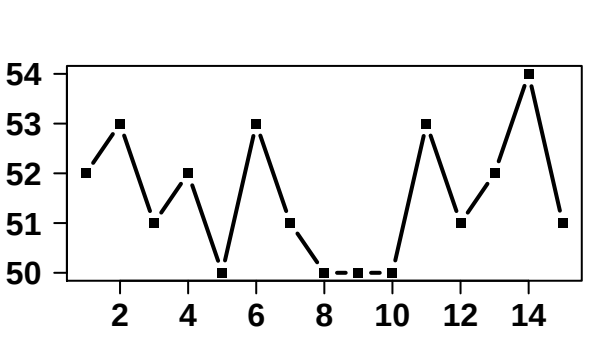

53.0
52.5
52.0
51.5
51.0
50.5
50.0
5
10
15
chl, [CN] / Points @ x s

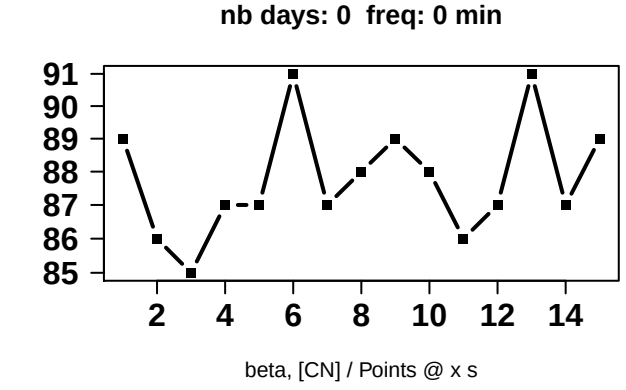

nb days: 0 freq: 0 min
92
90
88
86
5
10
15
beta, [CN] / Points @ x s

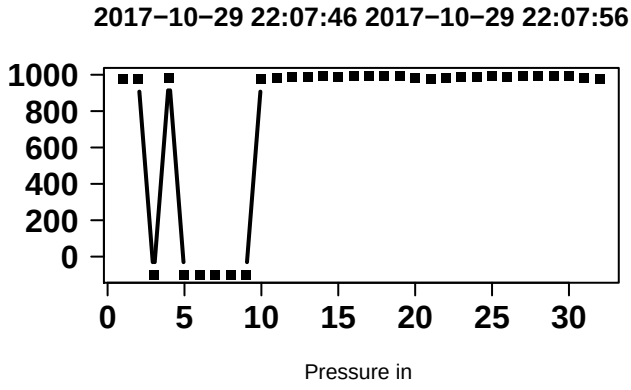

2017−10−28 18:24:37 2017−10−28 18:24:47
1000
800
600
400
200
0
0
10
20
30
40
Pressure in

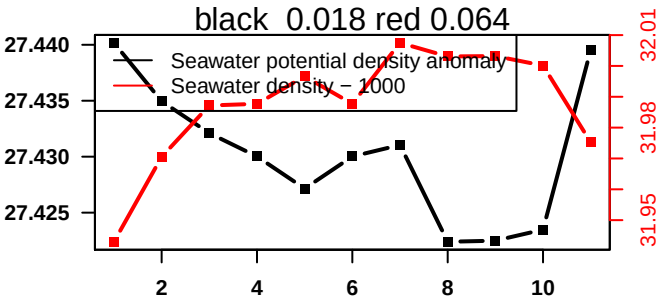

black 0.012 red 0.053
Seawater potential density anomaly
Seawater density − 1000
27.442
27.440
27.438
27.436
27.434
27.432
27.430
32.00
31.98
31.96
2
4
6
8
10
12
14

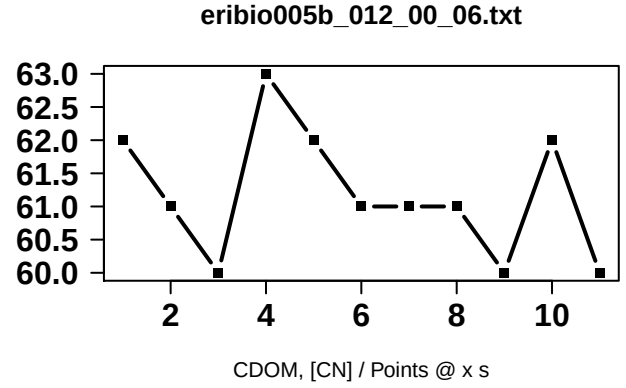

eribio005b_011_00_06.txt
62.0
61.5
61.0
60.5
60.0
2
4
6
8
10
12
14
CDOM, [CN] / Points @ x s

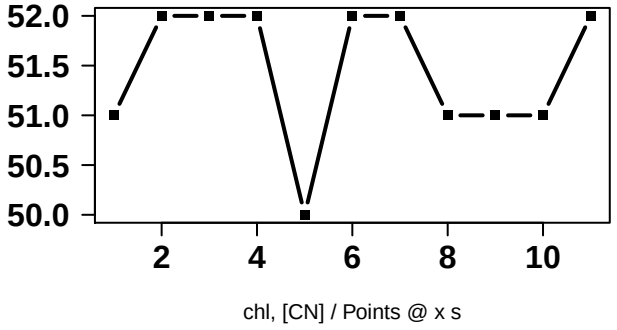

54
53
52
51
50
2
4
6
8
10
12
14
chl, [CN] / Points @ x s

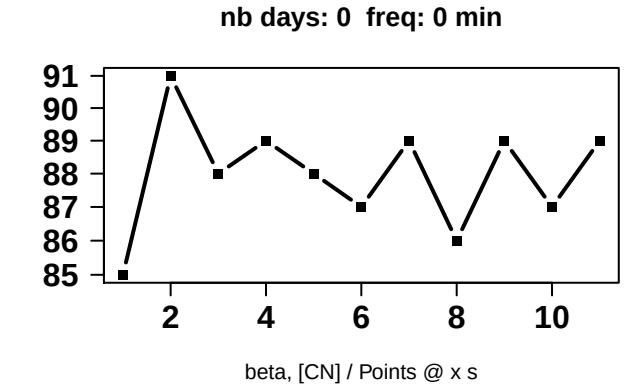

nb days: 0 freq: 0 min
91
90
89
88
87
86
85
2
4
6
8
10
12
14
beta, [CN] / Points @ x s

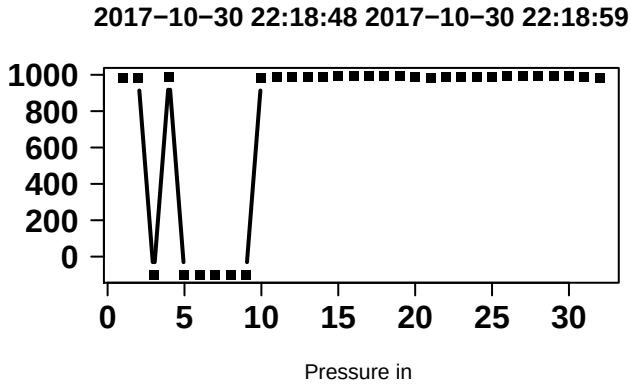

2017−10−29 22:07:46 2017−10−29 22:07:56
1000
800
600
400
200
0
0
5
10
15
20
25
30
Pressure in

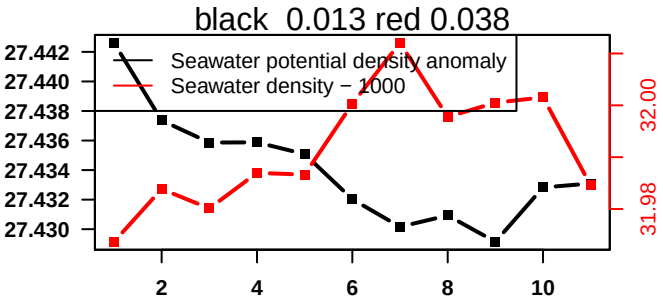

black 0.018 red 0.064
Seawater potential density anomaly
Seawater density − 1000
27.440
27.435
27.430
27.425
32.01
31.98
31.95
2
4
6
8
10

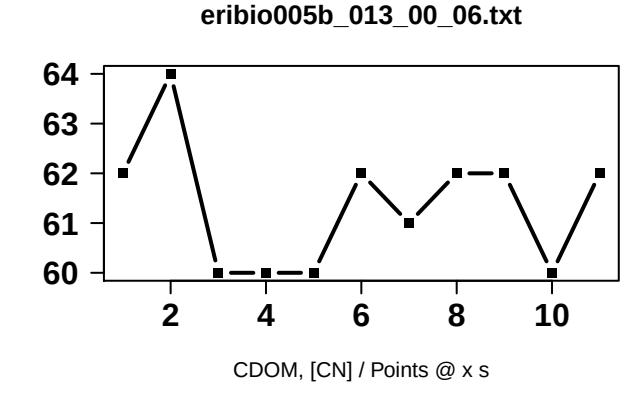

eribio005b_012_00_06.txt
63.0
62.5
62.0
61.5
61.0
60.5
60.0
2
4
6
8
10
CDOM, [CN] / Points @ x s

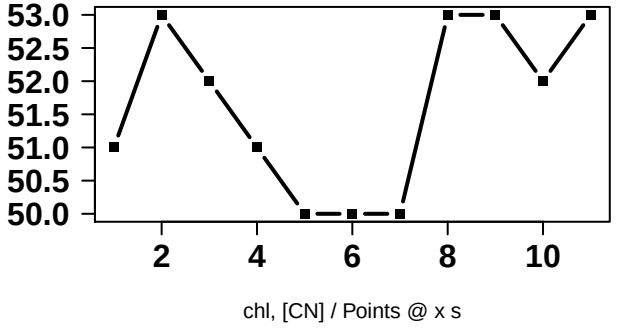

52.0
51.5
51.0
50.5
50.0
2
4
6
8
10
chl, [CN] / Points @ x s

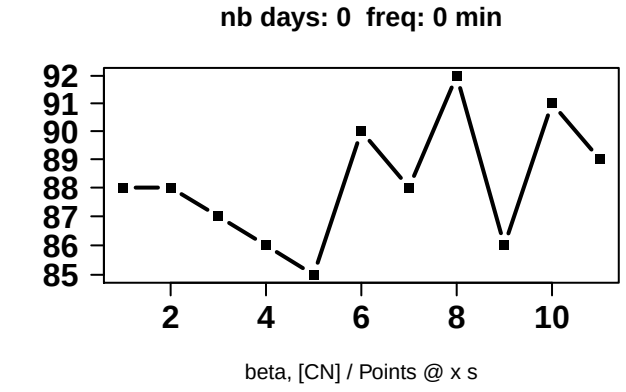

nb days: 0 freq: 0 min
91
90
89
88
87
86
85
2
4
6
8
10
beta, [CN] / Points @ x s

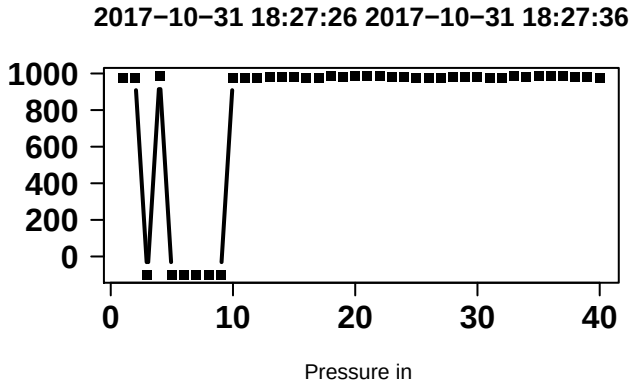

2017−10−30 22:18:48 2017−10−30 22:18:59
1000
800
600
400
200
0
0
5
10
15
20
25
30
Pressure in

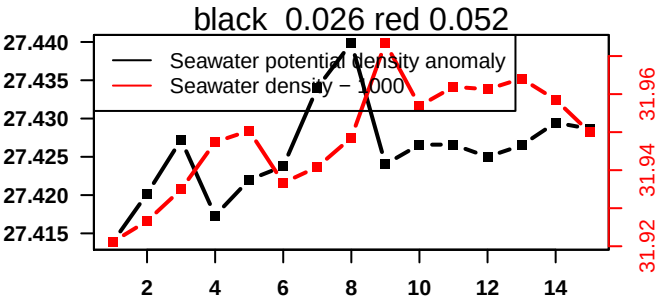

black 0.013 red 0.038
Seawater potential density anomaly
Seawater density − 1000
27.442
27.440
27.438
27.436
27.434
27.432
27.430
32.00
31.98
2
4
6
8
10

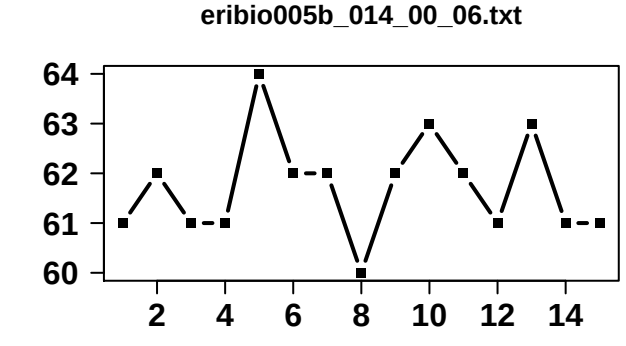

eribio005b_013_00_06.txt
64
63
62
61
60
2
4
6
8
10
CDOM, [CN] / Points @ x s

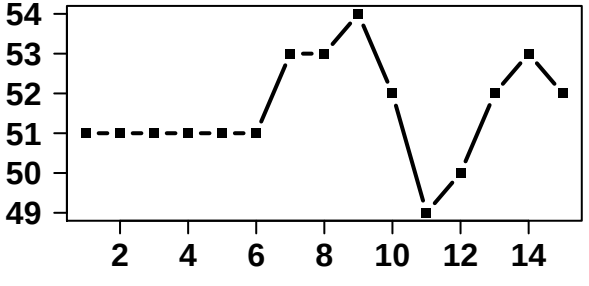

53.0
52.5
52.0
51.5
51.0
50.5
50.0
2
4
6
8
10
chl, [CN] / Points @ x s

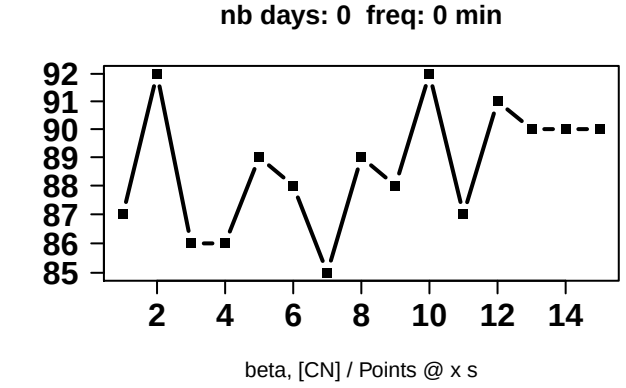

nb days: 0 freq: 0 min
92
91
90
89
88
87
86
85
2
4
6
8
10
beta, [CN] / Points @ x s

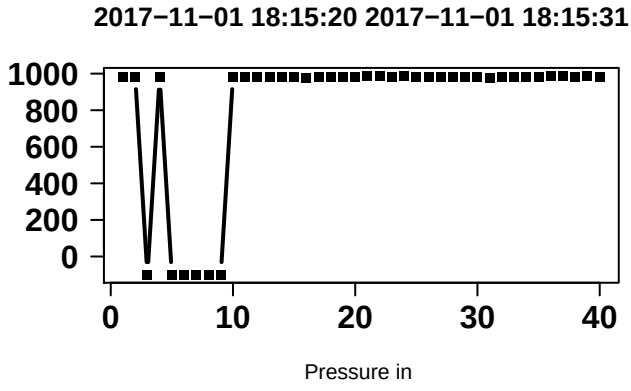

2017−10−31 18:27:26 2017−10−31 18:27:36
1000
800
600
400
200
0
0
10
20
30
40
Pressure in

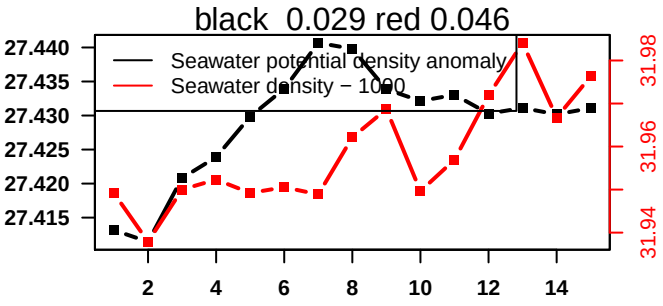

black 0.026 red 0.052
Seawater potential density anomaly
Seawater density − 1000
27.440
27.435
27.430
27.425
27.420
27.415
31.96
31.94
31.92
2
4
6
8
10
12
14

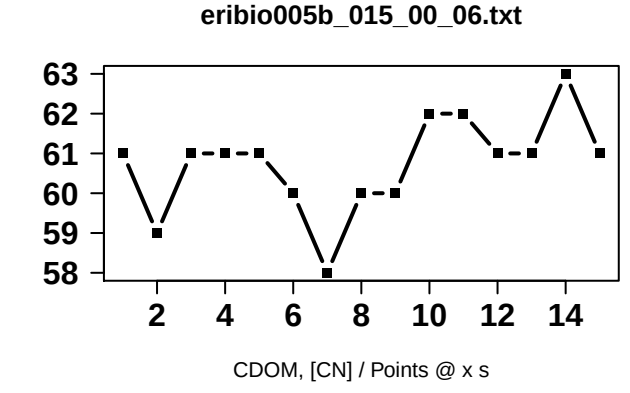

eribio005b_014_00_06.txt
64
63
62
61
60
2
4
6
8
10
12
14
CDOM, [CN] / Points @ x s

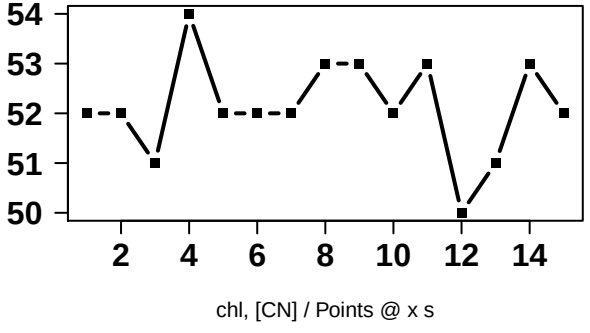

54
53
52
51
50
49
2
4
6
8
10
12
14
chl, [CN] / Points @ x s

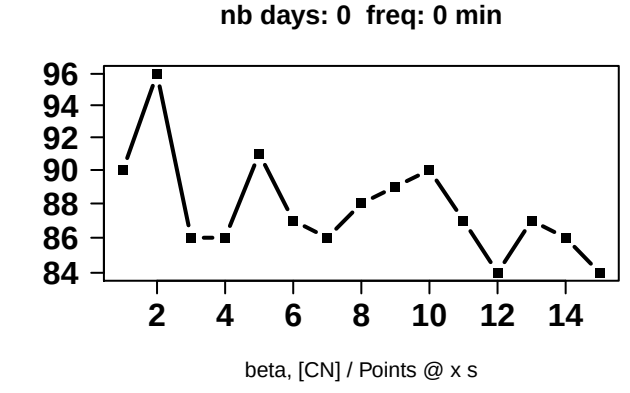

nb days: 0 freq: 0 min
92
91
90
89
88
87
86
85
2
4
6
8
10
12
14
beta, [CN] / Points @ x s

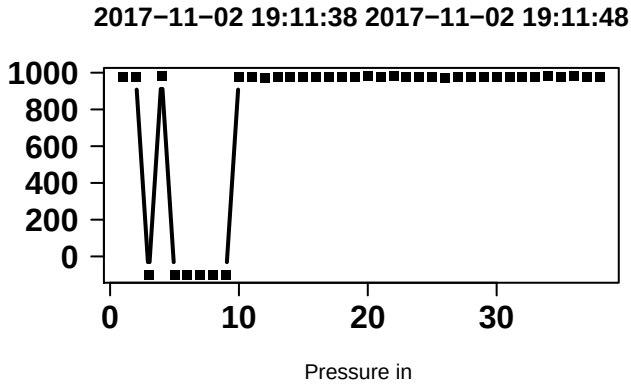

2017−11−01 18:15:20 2017−11−01 18:15:31
1000
800
600
400
200
0
0
10
20
30
40
Pressure in

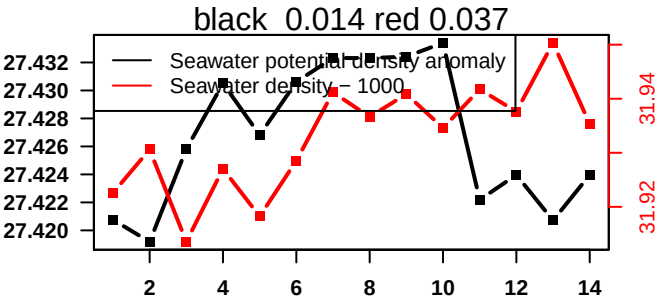

black 0.029 red 0.046
Seawater potential density anomaly
Seawater density − 1000
27.440
27.435
27.430
27.425
27.420
27.415
31.98
31.96
31.94
2
4
6
8
10
12
14

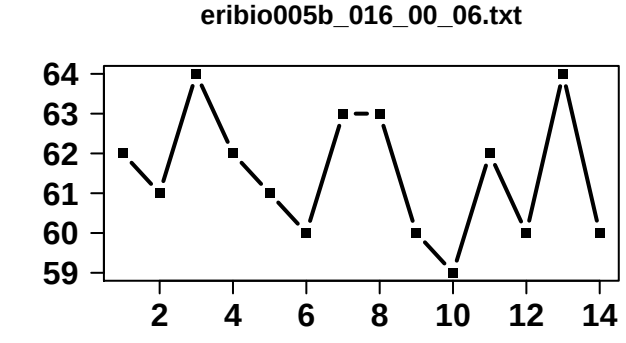

eribio005b_015_00_06.txt
63
62
61
60
59
58
2
4
6
8
10
12
14
CDOM, [CN] / Points @ x s

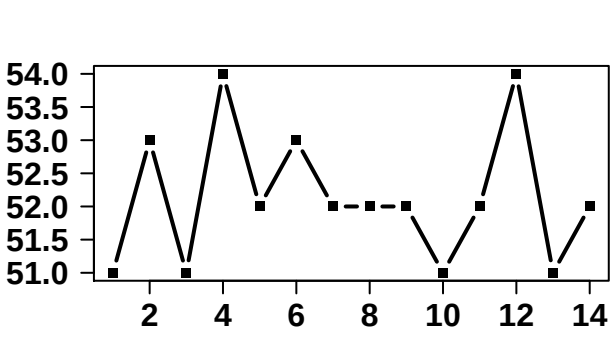

54
53
52
51
50
2
4
6
8
10
12
14
chl, [CN] / Points @ x s

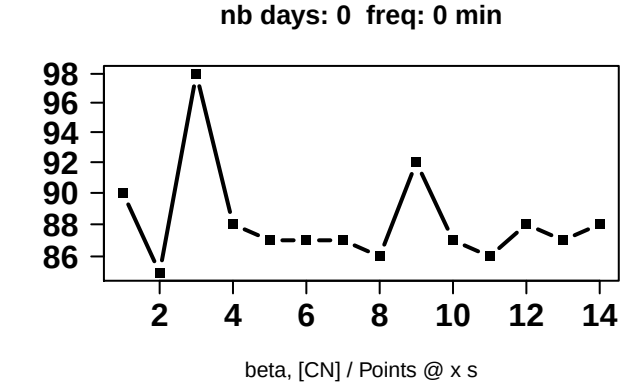

nb days: 0 freq: 0 min
96
94
92
90
88
86
84
2
4
6
8
10
12
14
beta, [CN] / Points @ x s

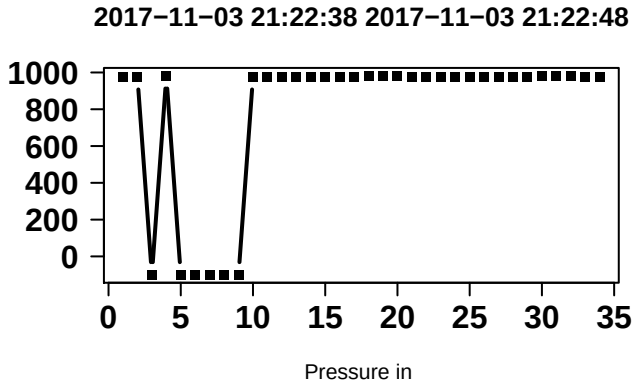

2017−11−02 19:11:38 2017−11−02 19:11:48
1000
800
600
400
200
0
0
10
20
30
Pressure in

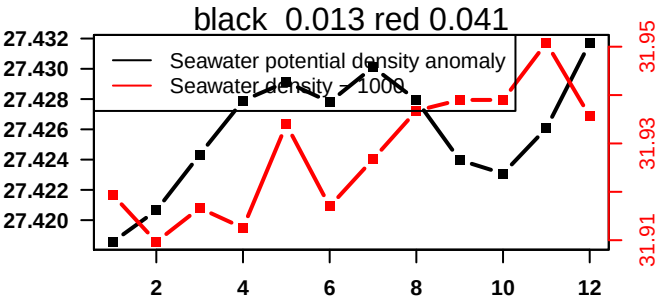

black 0.014 red 0.037
Seawater potential density anomaly
Seawater density − 1000
27.432
27.430
27.428
27.426
27.424
27.422
27.420
31.94
31.92
2
4
6
8
10
12
14

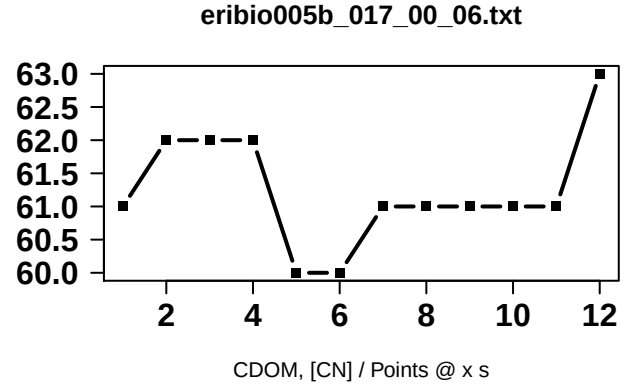

eribio005b_016_00_06.txt
64
63
62
61
60
59
2
4
6
8
10
12
14
CDOM, [CN] / Points @ x s

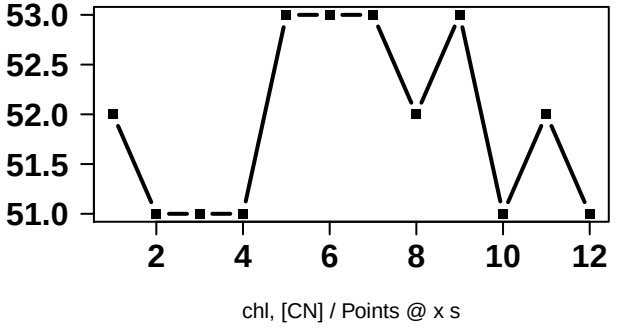

54.0
53.5
53.0
52.5
52.0
51.5
51.0
2
4
6
8
10
12
14
chl, [CN] / Points @ x s

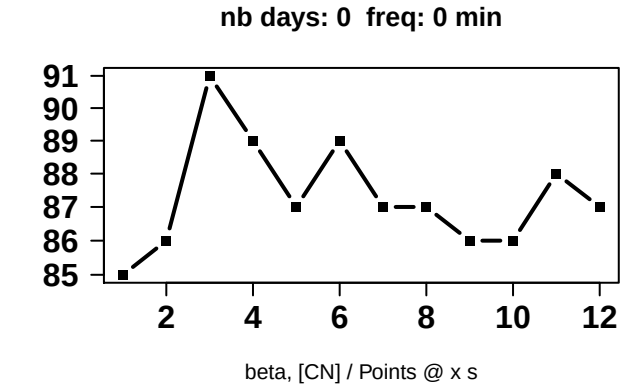

nb days: 0 freq: 0 min
98
96
94
92
90
88
86
2
4
6
8
10
12
14
beta, [CN] / Points @ x s

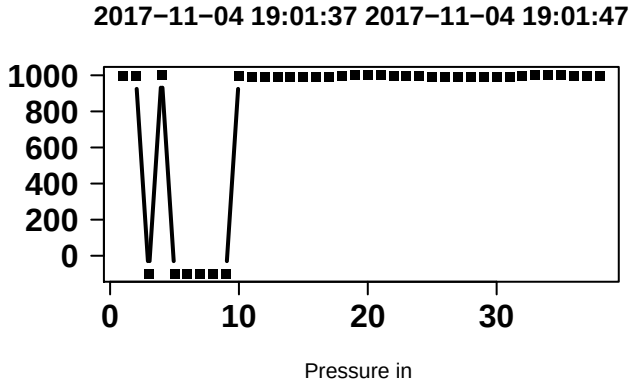

2017−11−03 21:22:38 2017−11−03 21:22:48
1000
800
600
400
200
0
0
5
10
15
20
25
30
35
Pressure in

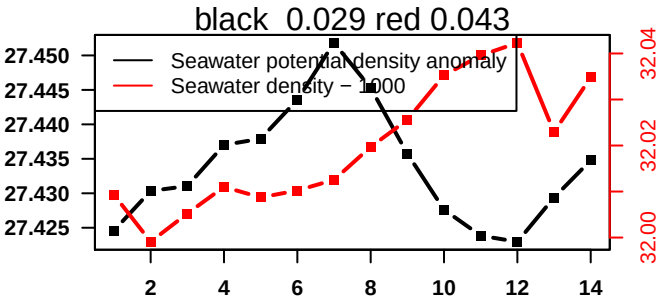

black 0.013 red 0.041
Seawater potential density anomaly
Seawater density − 1000
27.432
27.430
27.428
27.426
27.424
27.422
27.420
31.95
31.93
31.91
2
4
6
8
10
12

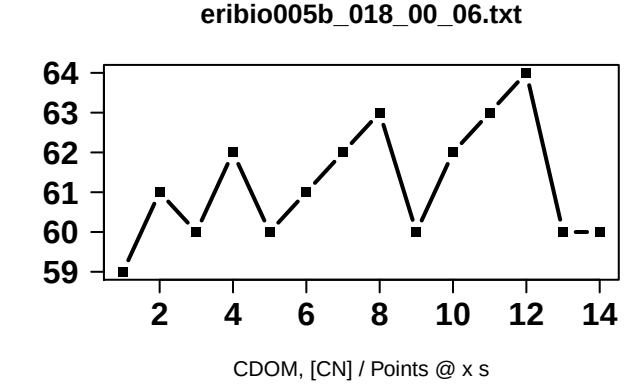

eribio005b_017_00_06.txt
63.0
62.5
62.0
61.5
61.0
60.5
60.0
2
4
6
8
10
12
CDOM, [CN] / Points @ x s

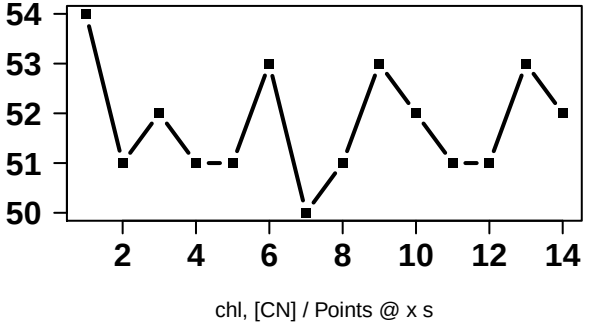

53.0
52.5
52.0
51.5
51.0
2
4
6
8
10
12
chl, [CN] / Points @ x s

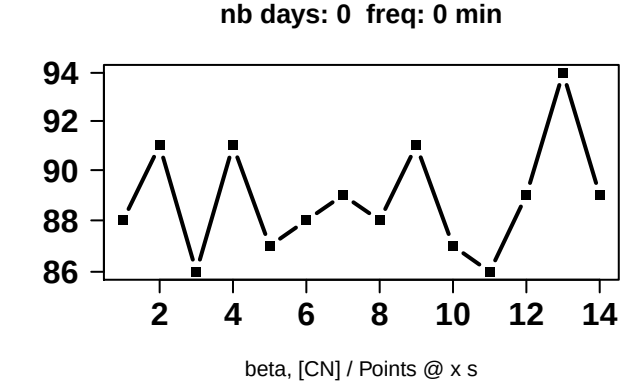

nb days: 0 freq: 0 min
91
90
89
88
87
86
85
2
4
6
8
10
12
beta, [CN] / Points @ x s

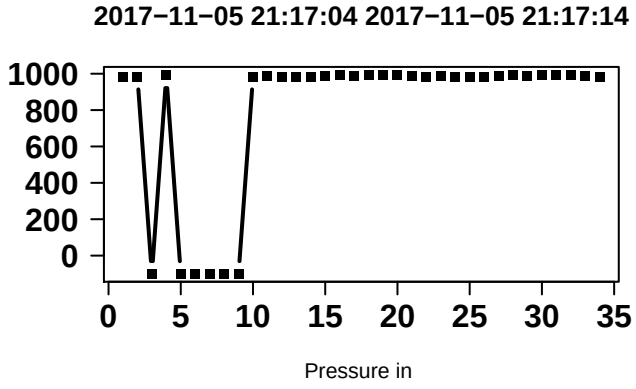

2017−11−04 19:01:37 2017−11−04 19:01:47
1000
800
600
400
200
0
0
10
20
30
Pressure in

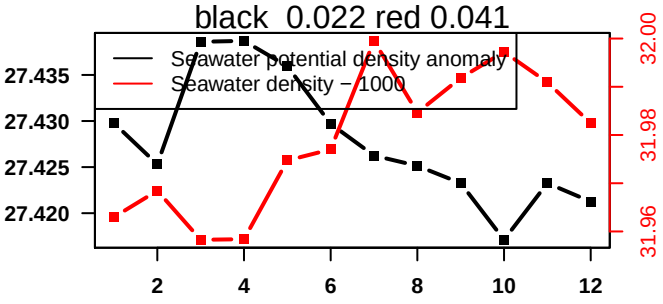

black 0.029 red 0.043
Seawater potential density anomaly
Seawater density − 1000
27.450
27.445
27.440
27.435
27.430
27.425
32.04
32.02
32.00
2
4
6
8
10
12
14

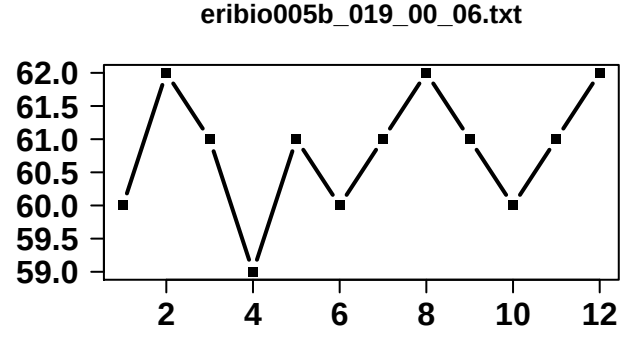

eribio005b_018_00_06.txt
64
63
62
61
60
59
2
4
6
8
10
12
14
CDOM, [CN] / Points @ x s

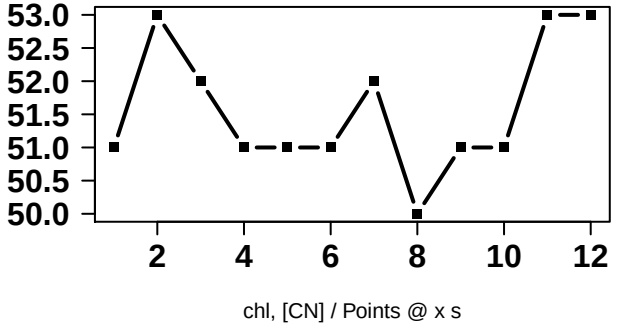

54
53
52
51
50
2
4
6
8
10
12
14
chl, [CN] / Points @ x s

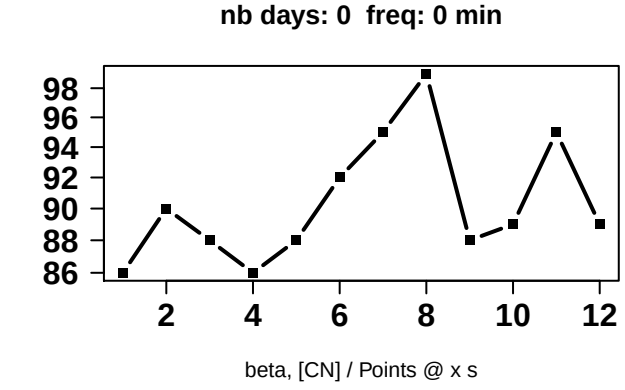

nb days: 0 freq: 0 min
94
92
90
88
86
2
4
6
8
10
12
14
beta, [CN] / Points @ x s

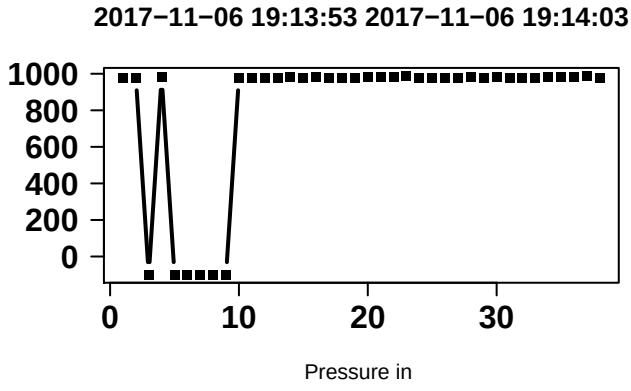

2017−11−05 21:17:04 2017−11−05 21:17:14
1000
800
600
400
200
0
0
5
10
15
20
25
30
35
Pressure in

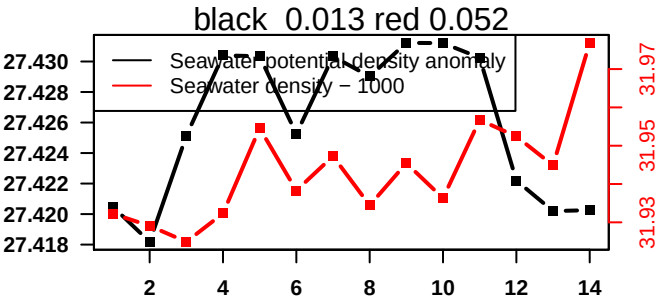

black 0.022 red 0.041
Seawater potential density anomaly
Seawater density − 1000
27.435
27.430
27.425
27.420
32.00
31.98
31.96
2
4
6
8
10
12

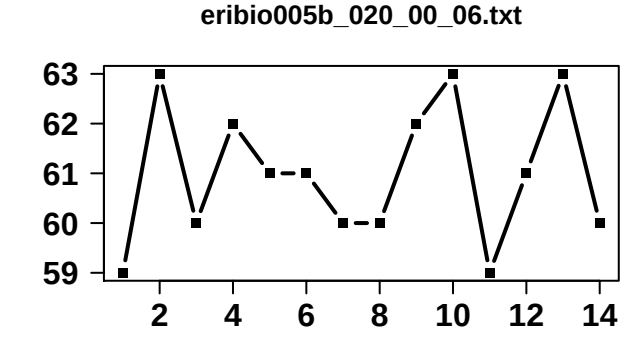

eribio005b_019_00_06.txt
62.0
61.5
61.0
60.5
60.0
59.5
59.0
2
4
6
8
10
12
CDOM, [CN] / Points @ x s

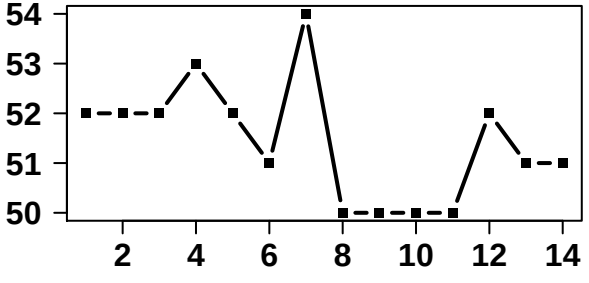

53.0
52.5
52.0
51.5
51.0
50.5
50.0
2
4
6
8
10
12
chl, [CN] / Points @ x s

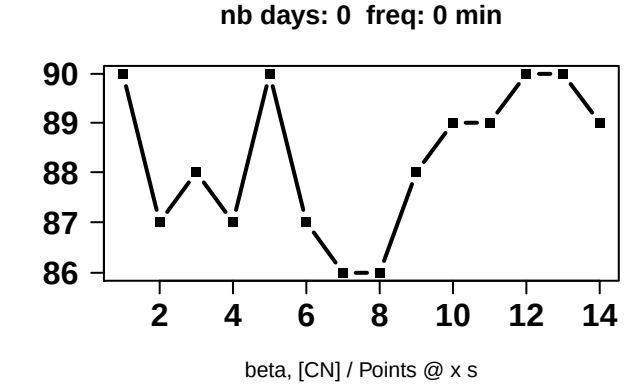

nb days: 0 freq: 0 min
98
96
94
92
90
88
86
2
4
6
8
10
12
beta, [CN] / Points @ x s

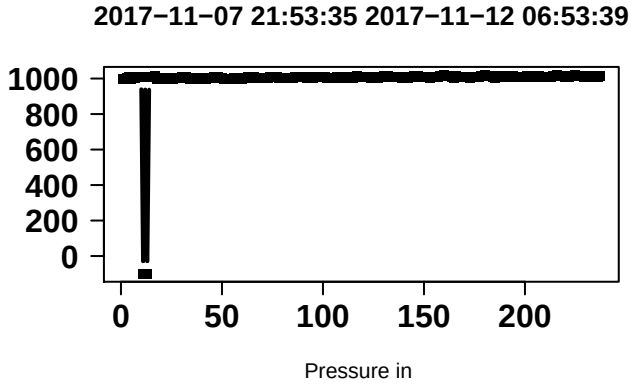

2017−11−06 19:13:53 2017−11−06 19:14:03
1000
800
600
400
200
0
0
10
20
30
Pressure in

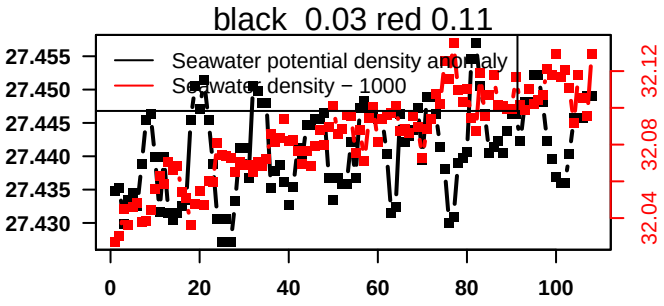

black 0.013 red 0.052
Seawater potential density anomaly
Seawater density − 1000
27.430
27.428
27.426
27.424
27.422
27.420
27.418
31.97
31.95
31.93
2
4
6
8
10
12
14

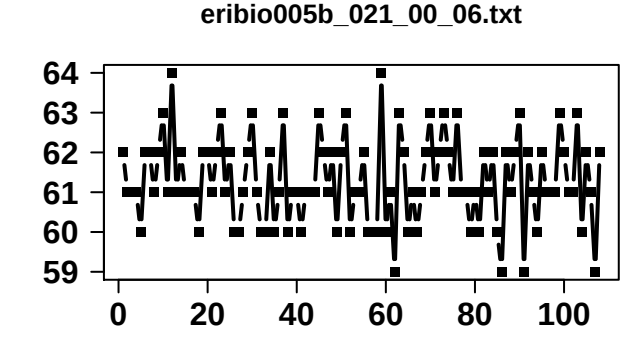

eribio005b_020_00_06.txt
63
62
61
60
59
2
4
6
8
10
12
14
CDOM, [CN] / Points @ x s

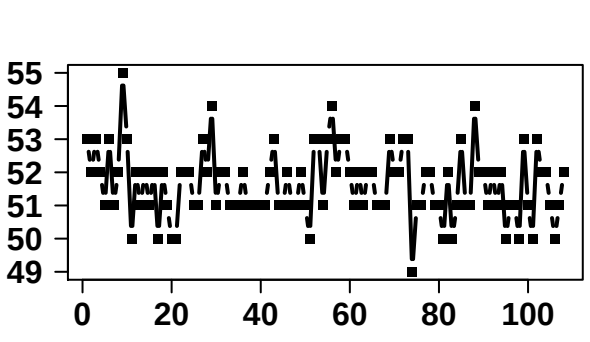

54
53
52
51
50
2
4
6
8
10
12
14
chl, [CN] / Points @ x s

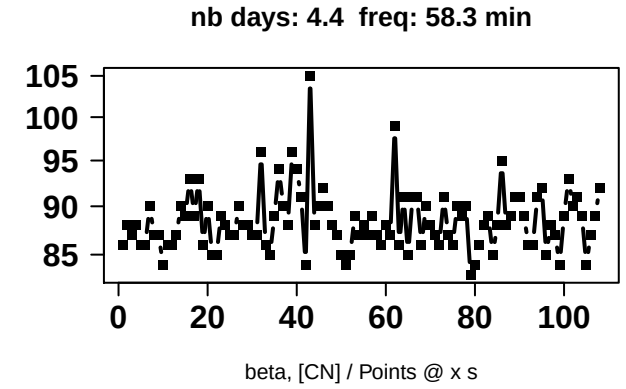

nb days: 0 freq: 0 min
90
89
88
87
86
2
4
6
8
10
12
14
beta, [CN] / Points @ x s

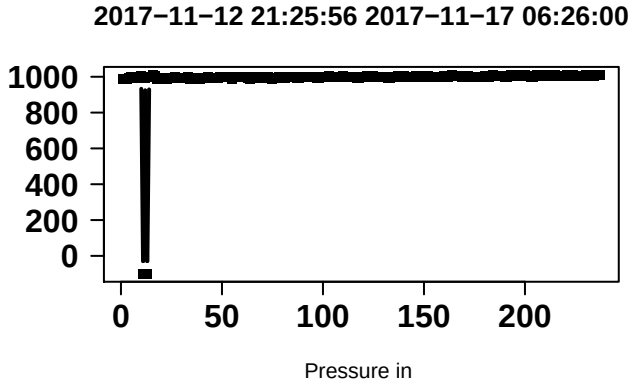

2017−11−07 21:53:35 2017−11−12 06:53:39
1000
800
600
400
200
0
0
50
100
150
200
Pressure in

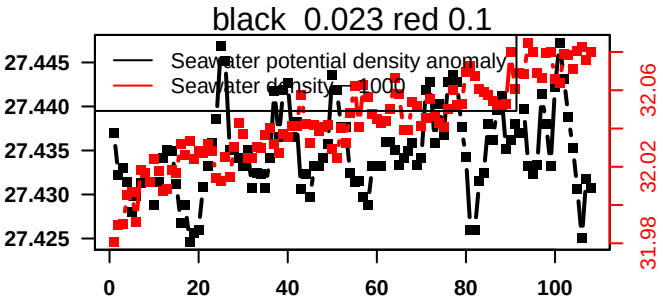

black 0.03 red 0.11
Seawater potential density anomaly
Seawater density − 1000
27.455
27.450
27.445
27.440
27.435
27.430
32.12
32.08
32.04
0
20
40
60
80
100

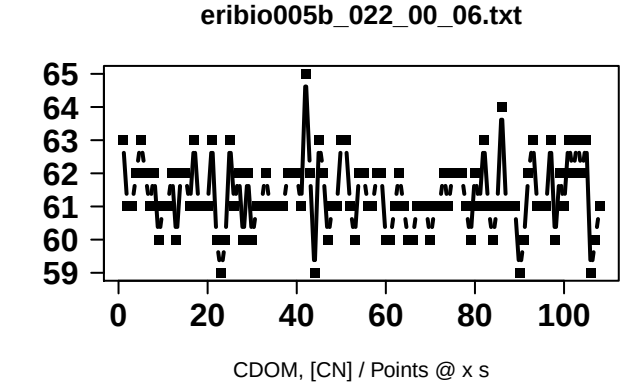

eribio005b_021_00_06.txt
64
63
62
61
60
59
0
20
40
60
80
100
CDOM, [CN] / Points @ x s

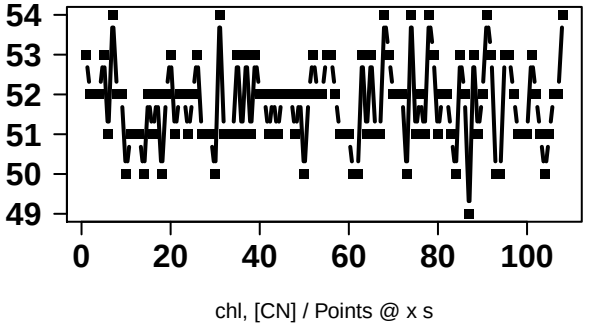

55
54
53
52
51
50
49
0
20
40
60
80
100
chl, [CN] / Points @ x s

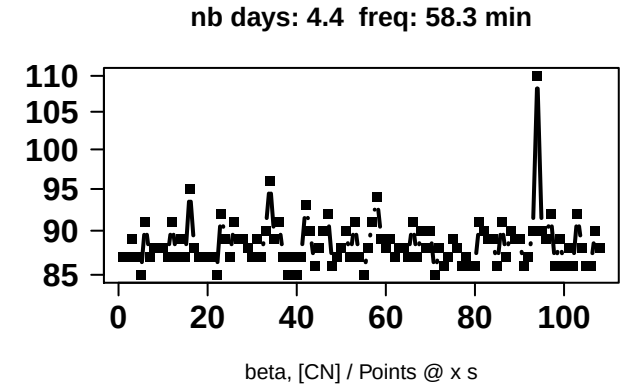

nb days: 4.4 freq: 58.3 min
105
100
95
90
85
0
20
40
60
80
100
beta, [CN] / Points @ x s

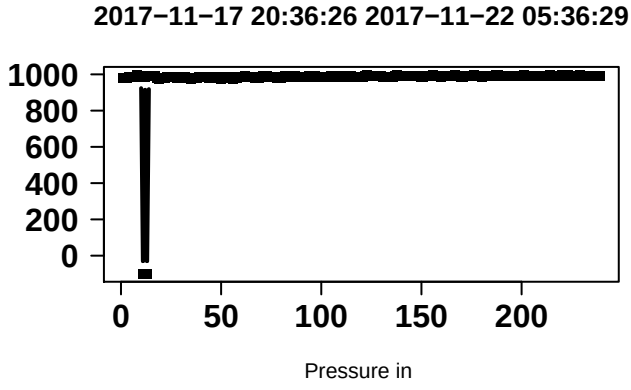

2017−11−12 21:25:56 2017−11−17 06:26:00
1000
800
600
400
200
0
0
50
100
150
200
Pressure in

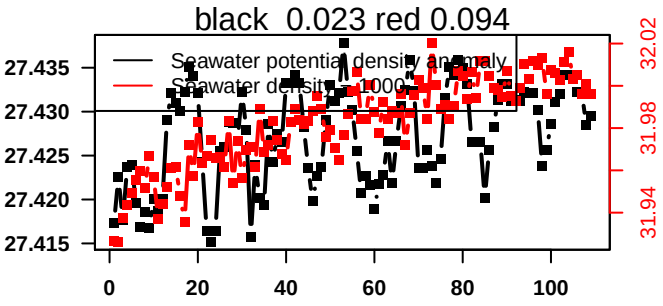

black 0.023 red 0.1
Seawater potential density anomaly
Seawater density − 1000
27.445
27.440
27.435
27.430
27.425
32.06
32.02
31.98
0
20
40
60
80
100

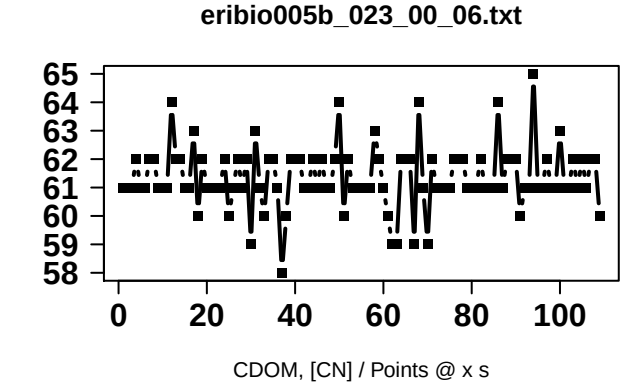

eribio005b_022_00_06.txt
65
64
63
62
61
60
59
0
20
40
60
80
100
CDOM, [CN] / Points @ x s

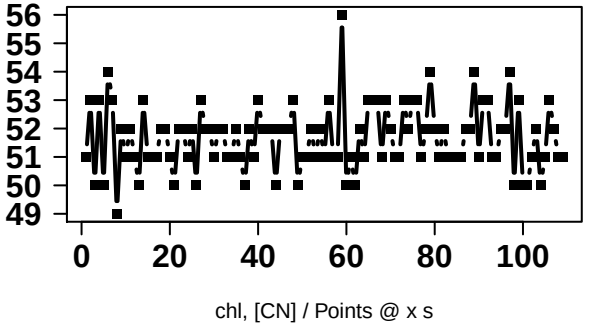

54
53
52
51
50
49
0
20
40
60
80
100
chl, [CN] / Points @ x s

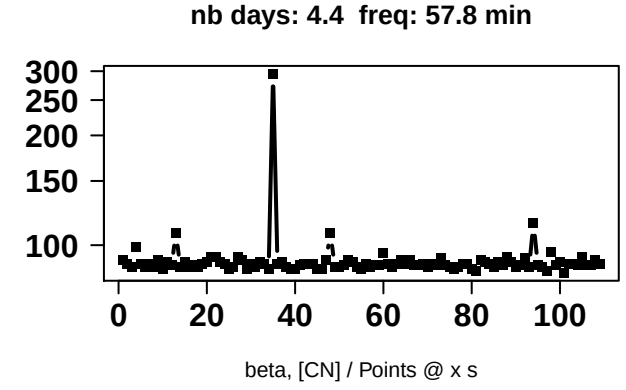

nb days: 4.4 freq: 58.3 min
110
105
100
95
90
85
0
20
40
60
80
100
beta, [CN] / Points @ x s

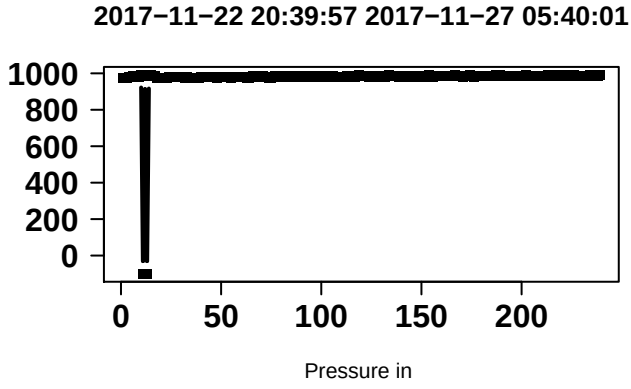

2017−11−17 20:36:26 2017−11−22 05:36:29
1000
800
600
400
200
0
0
50
100
150
200
Pressure in

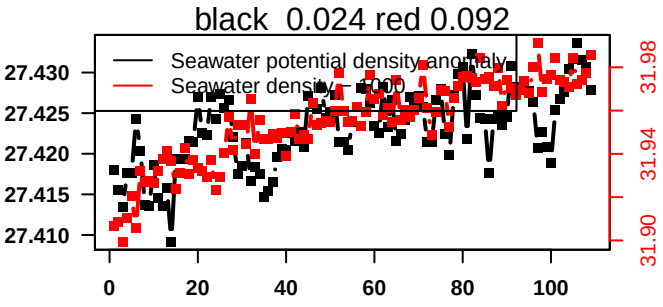

black 0.023 red 0.094
Seawater potential density anomaly
Seawater density − 1000
27.435
27.430
27.425
27.420
27.415
32.02
31.98
31.94
0
20
40
60
80
100

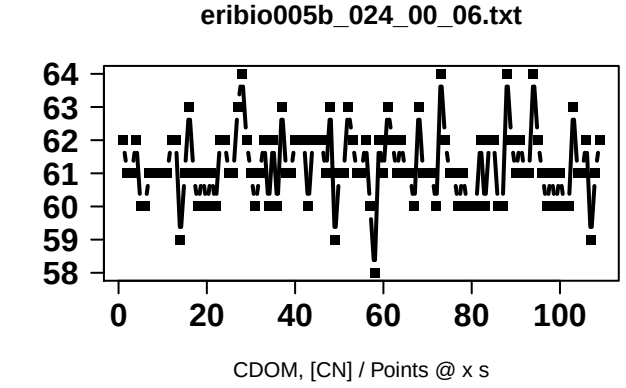

eribio005b_023_00_06.txt
65
64
63
62
61
60
59
58
0
20
40
60
80
100
CDOM, [CN] / Points @ x s

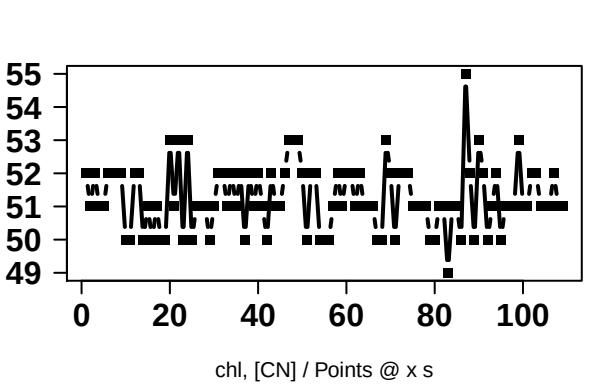

56
55
54
53
52
51
50
49
0
20
40
60
80
100
chl, [CN] / Points @ x s

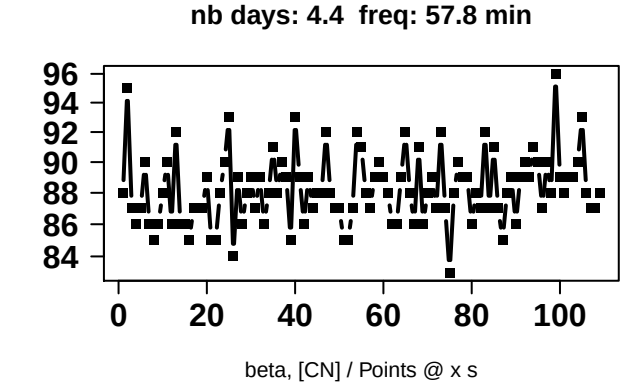

nb days: 4.4 freq: 57.8 min
300
250
200
150
100
0
20
40
60
80
100
beta, [CN] / Points @ x s

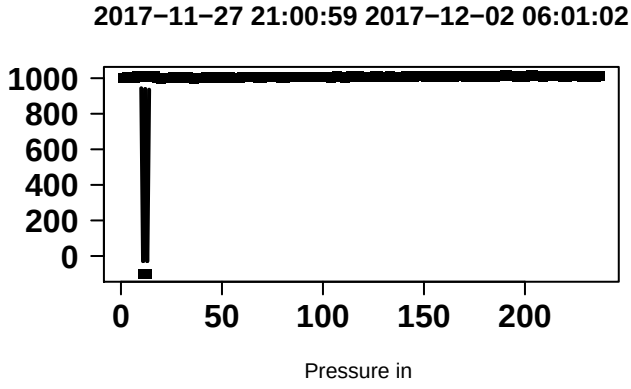

2017−11−22 20:39:57 2017−11−27 05:40:01
1000
800
600
400
200
0
0
50
100
150
200
Pressure in

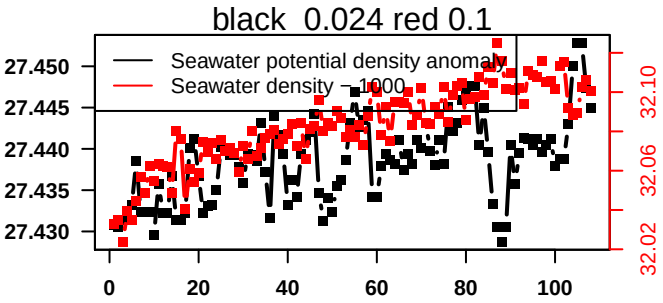

black 0.024 red 0.092
Seawater potential density anomaly
Seawater density − 1000
27.430
27.425
27.420
27.415
27.410
31.98
31.94
31.90
0
20
40
60
80
100

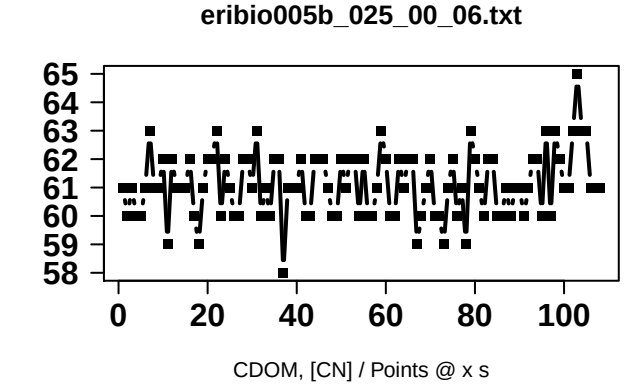

eribio005b_024_00_06.txt
64
63
62
61
60
59
58
0
20
40
60
80
100
CDOM, [CN] / Points @ x s

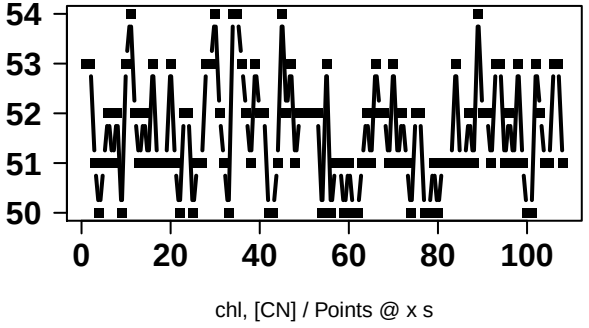

55
54
53
52
51
50
49
0
20
40
60
80
100
chl, [CN] / Points @ x s

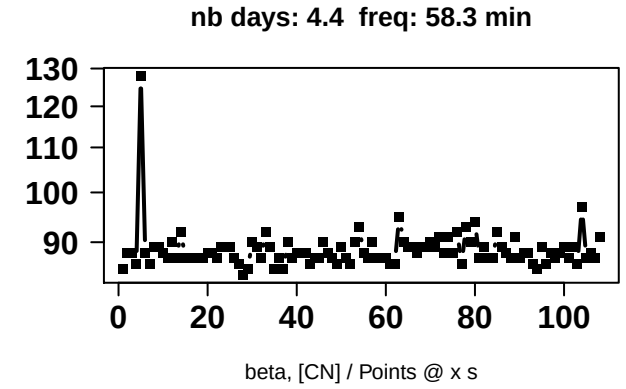

nb days: 4.4 freq: 57.8 min
96
94
92
90
88
86
84
0
20
40
60
80
100
beta, [CN] / Points @ x s

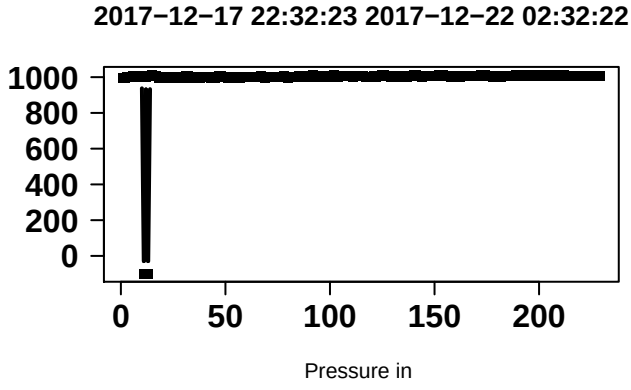

2017−11−27 21:00:59 2017−12−02 06:01:02
1000
800
600
400
200
0
0
50
100
150
200
Pressure in

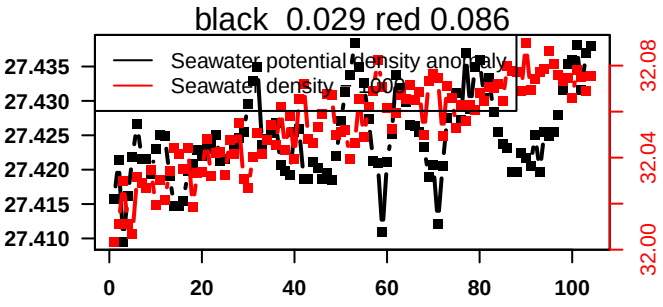

black 0.024 red 0.1
Seawater potential density anomaly
Seawater density − 1000
27.450
27.445
27.440
27.435
27.430
32.10
32.06
32.02
0
20
40
60
80
100

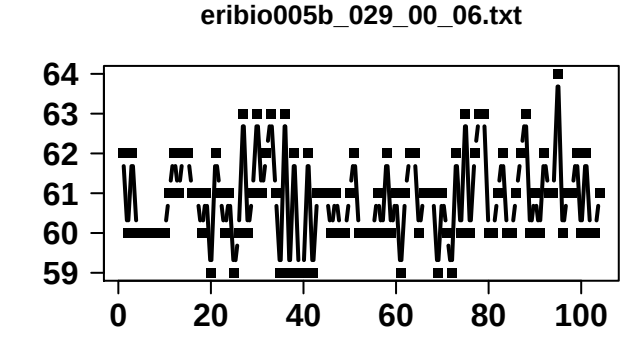

eribio005b_025_00_06.txt
65
64
63
62
61
60
59
58
0
20
40
60
80
100
CDOM, [CN] / Points @ x s

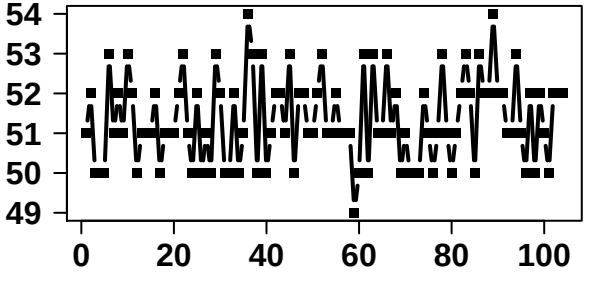

54
53
52
51
50
0
20
40
60
80
100
chl, [CN] / Points @ x s

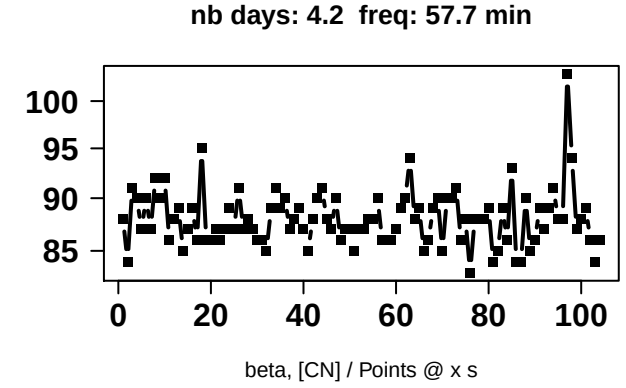

nb days: 4.4 freq: 58.3 min
130
120
110
100
90
0
20
40
60
80
100
beta, [CN] / Points @ x s

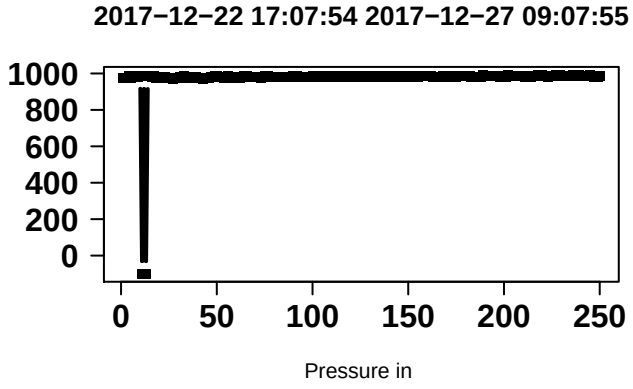

2017−12−17 22:32:23 2017−12−22 02:32:22
1000
800
600
400
200
0
0
50
100
150
200
Pressure in

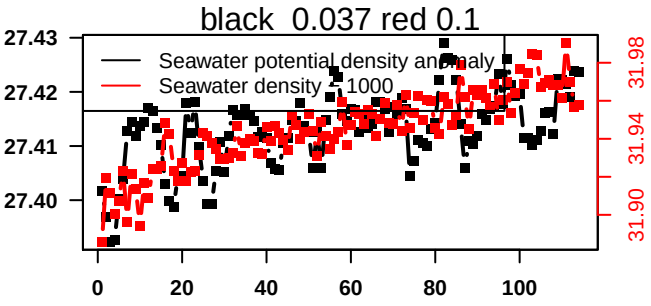

black 0.029 red 0.086
Seawater potential density anomaly
Seawater density − 1000
27.435
27.430
27.425
27.420
27.415
27.410
32.08
32.04
32.00
0
20
40
60
80
100

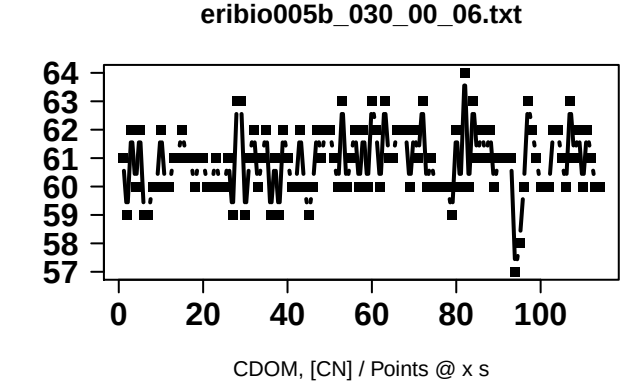

eribio005b_029_00_06.txt
64
63
62
61
60
59
0
20
40
60
80
100
CDOM, [CN] / Points @ x s

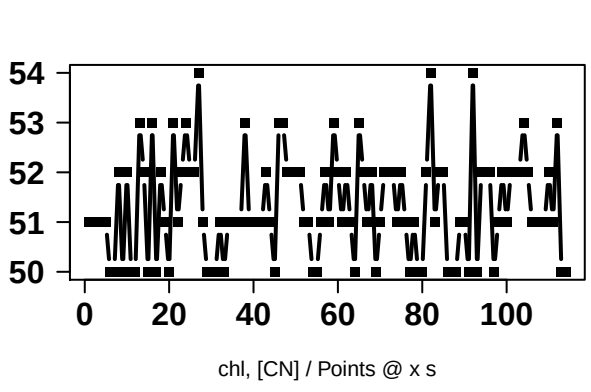

54
53
52
51
50
49
0
20
40
60
80
100
chl, [CN] / Points @ x s

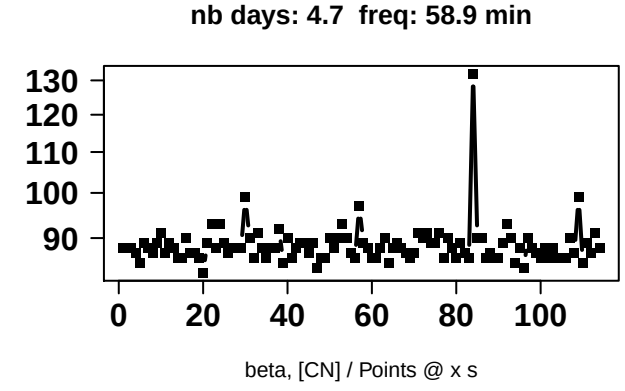

nb days: 4.2 freq: 57.7 min
100
95
90
85
0
20
40
60
80
100
beta, [CN] / Points @ x s

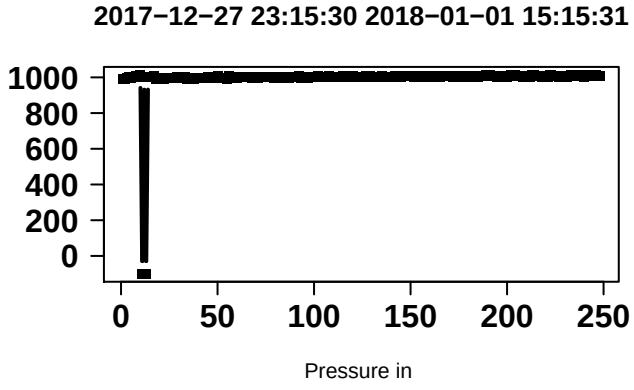

2017−12−22 17:07:54 2017−12−27 09:07:55
1000
800
600
400
200
0
0
50
100
150
200
250
Pressure in

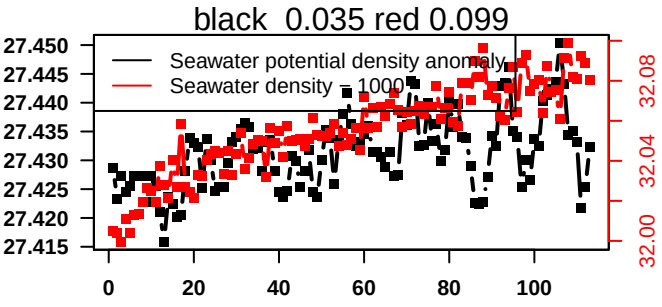

black 0.037 red 0.1
Seawater potential density anomaly
Seawater density − 1000
27.43
27.42
27.41
27.40
31.98
31.94
31.90
0
20
40
60
80
100

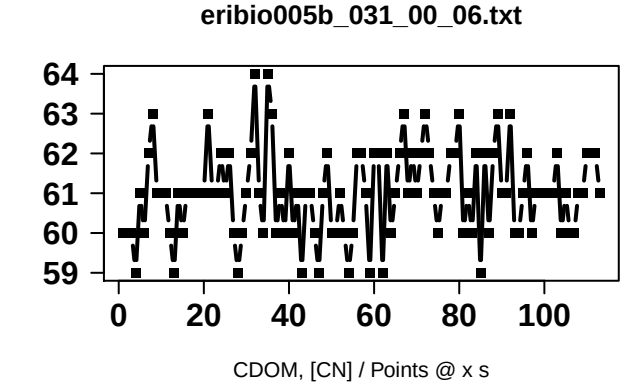

eribio005b_030_00_06.txt
64
63
62
61
60
59
58
57
0
20
40
60
80
100
CDOM, [CN] / Points @ x s

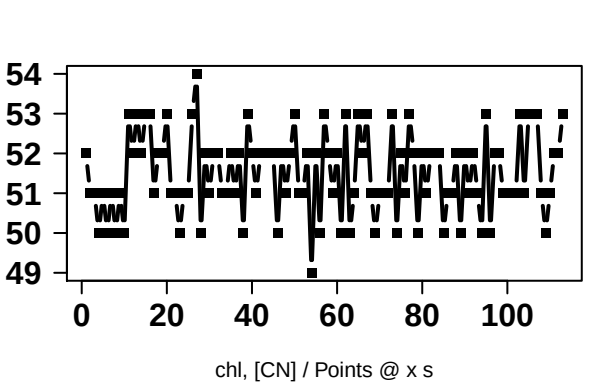

54
53
52
51
50
0
20
40
60
80
100
chl, [CN] / Points @ x s

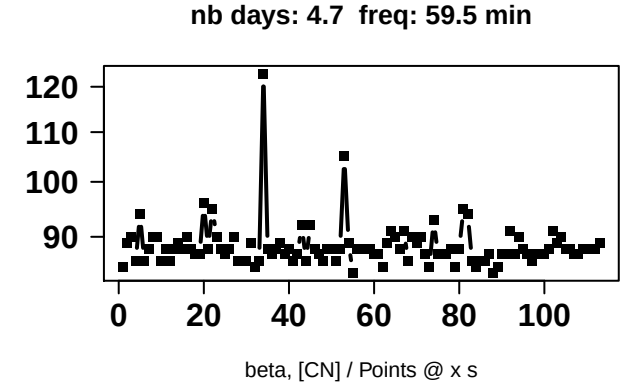

nb days: 4.7 freq: 58.9 min
130
120
110
100
90
0
20
40
60
80
100
beta, [CN] / Points @ x s

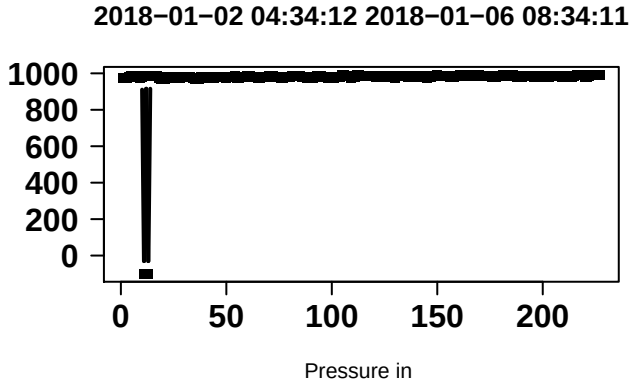

2017−12−27 23:15:30 2018−01−01 15:15:31
1000
800
600
400
200
0
0
50
100
150
200
250
Pressure in

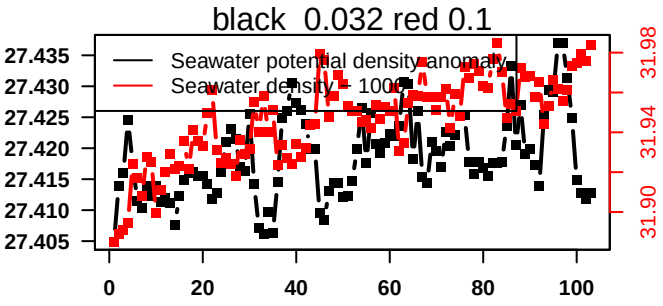

black 0.035 red 0.099
Seawater potential density anomaly
Seawater density − 1000
27.450
27.445
27.440
27.435
27.430
27.425
27.420
27.415
32.08
32.04
32.00
0
20
40
60
80
100

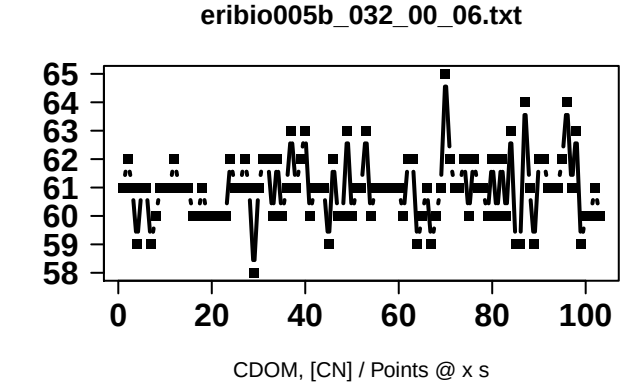

eribio005b_031_00_06.txt
64
63
62
61
60
59
0
20
40
60
80
100
CDOM, [CN] / Points @ x s

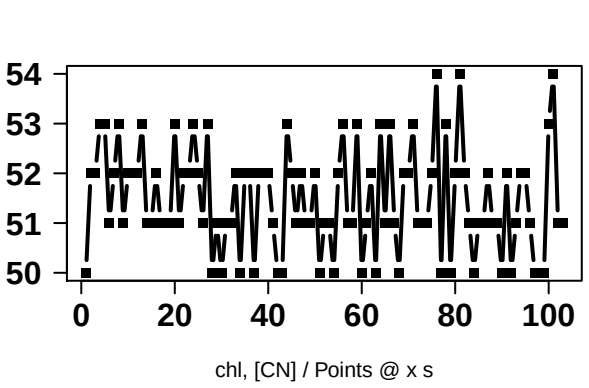

54
53
52
51
50
49
0
20
40
60
80
100
chl, [CN] / Points @ x s

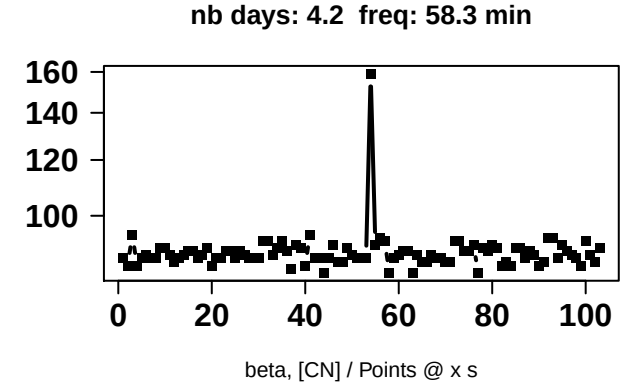

nb days: 4.7 freq: 59.5 min
120
110
100
90
0
20
40
60
80
100
beta, [CN] / Points @ x s

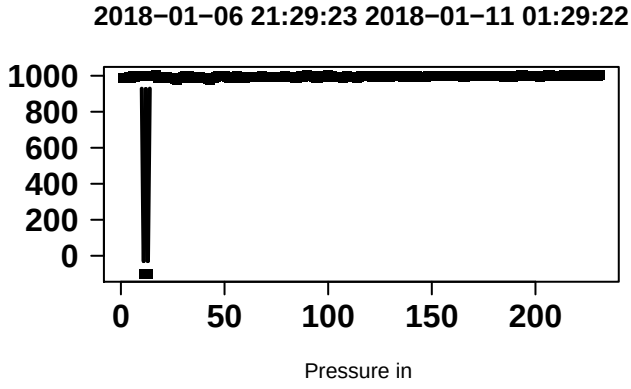

2018−01−02 04:34:12 2018−01−06 08:34:11
1000
800
600
400
200
0
0
50
100
150
200
Pressure in

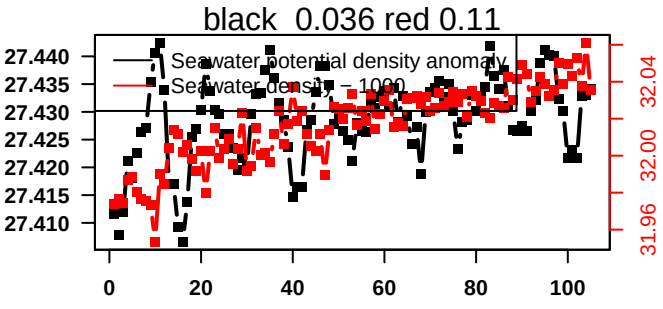

black 0.032 red 0.1
Seawater potential density anomaly
Seawater density − 1000
27.435
27.430
27.425
27.420
27.415
27.410
27.405
31.98
31.94
31.90
0
20
40
60
80
100

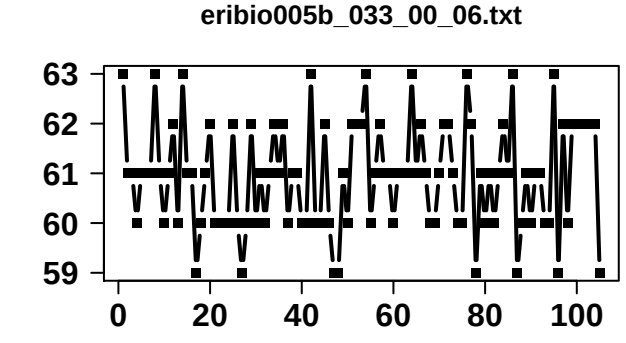

eribio005b_032_00_06.txt
65
64
63
62
61
60
59
58
0
20
40
60
80
100
CDOM, [CN] / Points @ x s

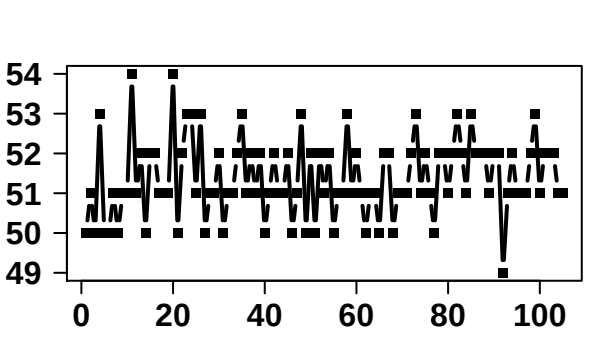

54
53
52
51
50
0
20
40
60
80
100
chl, [CN] / Points @ x s

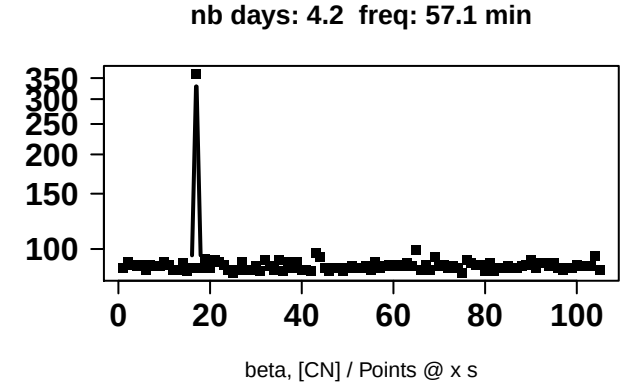

nb days: 4.2 freq: 58.3 min
160
140
120
100
0
20
40
60
80
100
beta, [CN] / Points @ x s

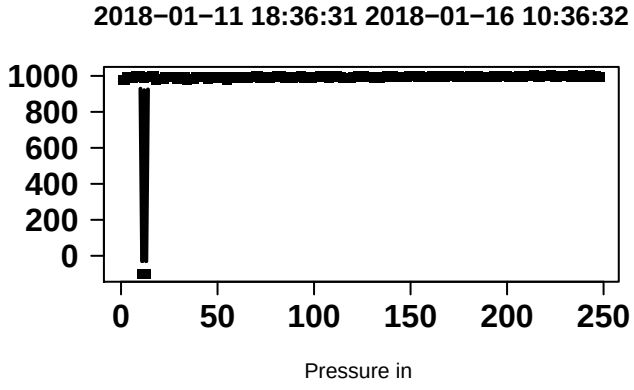

2018−01−06 21:29:23 2018−01−11 01:29:22
1000
800
600
400
200
0
0
50
100
150
200
Pressure in

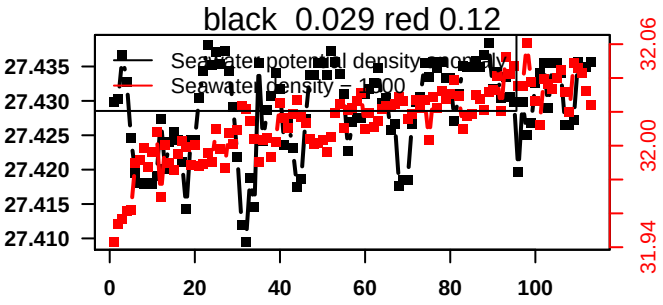

black 0.036 red 0.11
Seawater potential density anomaly
Seawater density − 1000
27.440
27.435
27.430
27.425
27.420
27.415
27.410
32.04
32.00
31.96
0
20
40
60
80
100

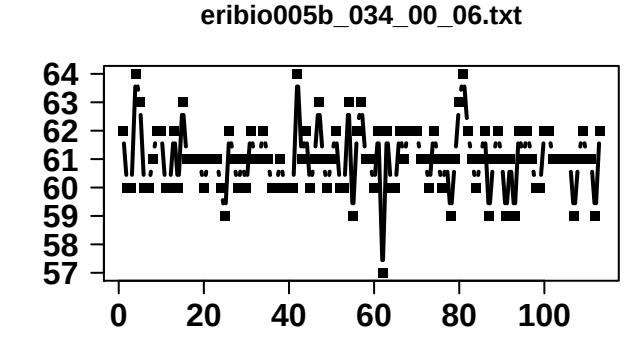

eribio005b_033_00_06.txt
63
62
61
60
59
0
20
40
60
80
100
CDOM, [CN] / Points @ x s

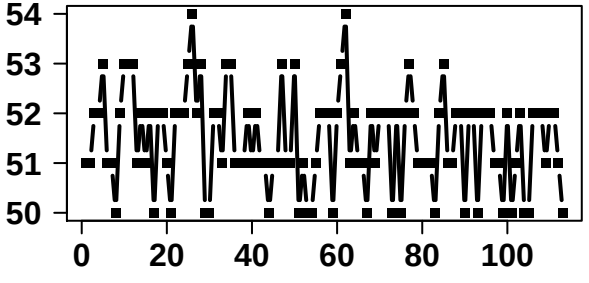

54
53
52
51
50
49
0
20
40
60
80
100
chl, [CN] / Points @ x s

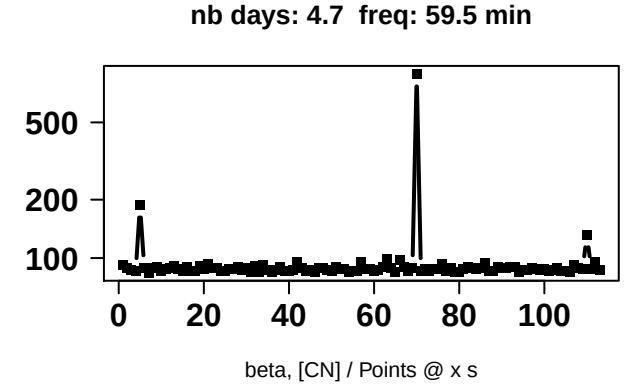

nb days: 4.2 freq: 57.1 min
350
300
250
200
150
100
0
20
40
60
80
100
beta, [CN] / Points @ x s

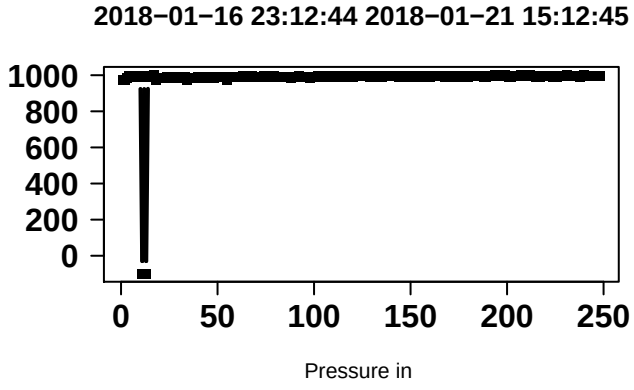

2018−01−11 18:36:31 2018−01−16 10:36:32
1000
800
600
400
200
0
0
50
100
150
200
250
Pressure in

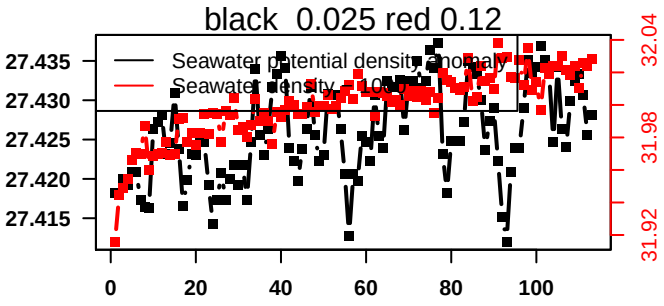

black 0.029 red 0.12
Seawater potential density anomaly
Seawater density − 1000
27.435
27.430
27.425
27.420
27.415
27.410
0
20
40
60
80
100
32.06
32.00
31.94

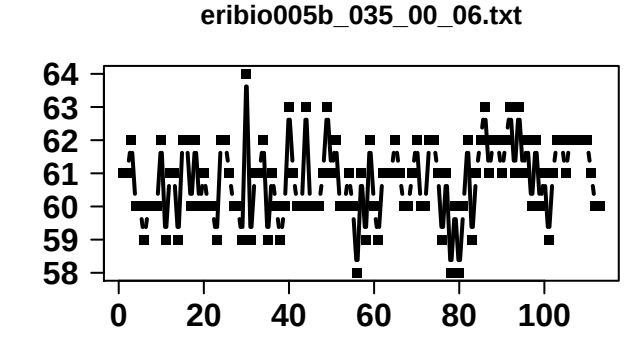

eribio005b_034_00_06.txt
64
63
62
61
60
59
58
57
0
20
40
60
80
100
CDOM, [CN] / Points @ x s

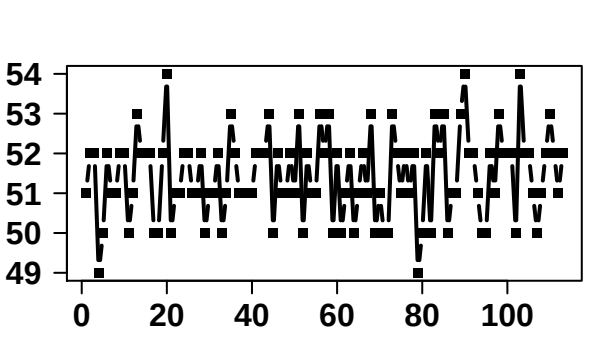

54
53
52
51
50
0
20
40
60
80
100
chl, [CN] / Points @ x s

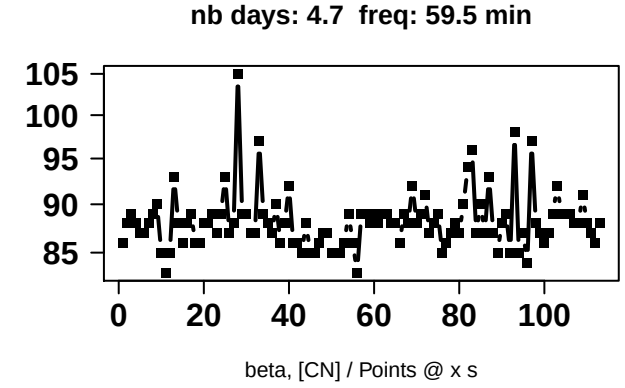

nb days: 4.7 freq: 59.5 min
500
200
100
0
20
40
60
80
100
beta, [CN] / Points @ x s

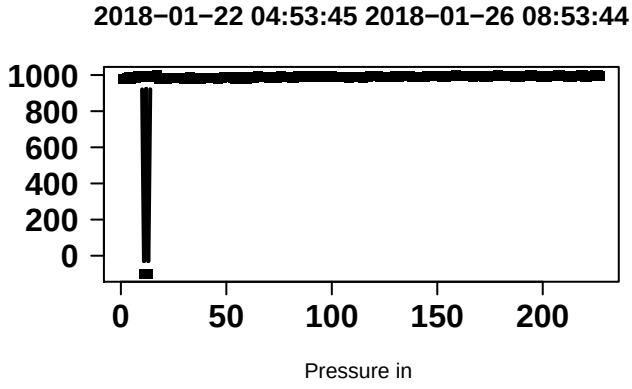

2018−01−16 23:12:44 2018−01−21 15:12:45
1000
800
600
400
200
0
0
50
100
150
200
250
Pressure in

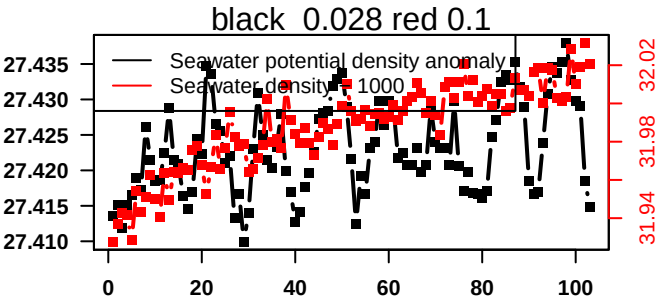

black 0.025 red 0.12
Seawater potential density anomaly
Seawater density − 1000
27.435
27.430
27.425
27.420
27.415
32.04
31.98
31.92
0
20
40
60
80
100

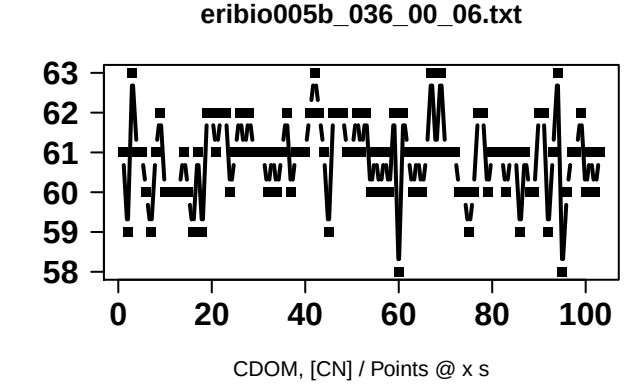

eribio005b_035_00_06.txt
64
63
62
61
60
59
58
0
20
40
60
80
100
CDOM, [CN] / Points @ x s

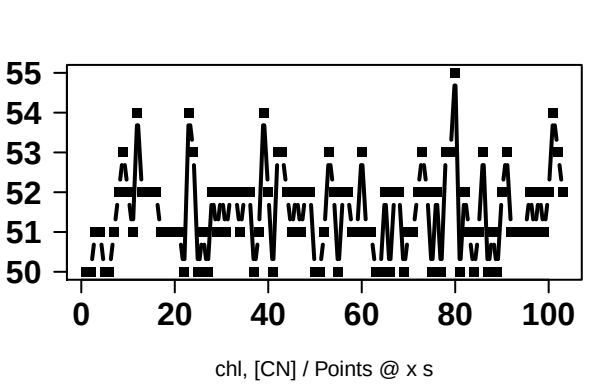

54
53
52
51
50
49
0
20
40
60
80
100
chl, [CN] / Points @ x s

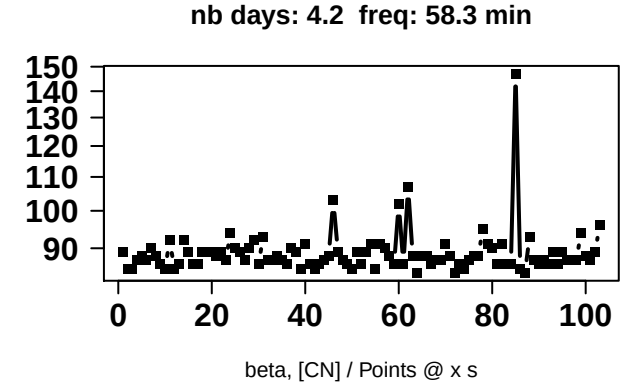

nb days: 4.7 freq: 59.5 min
105
100
95
90
85
0
20
40
60
80
100
beta, [CN] / Points @ x s

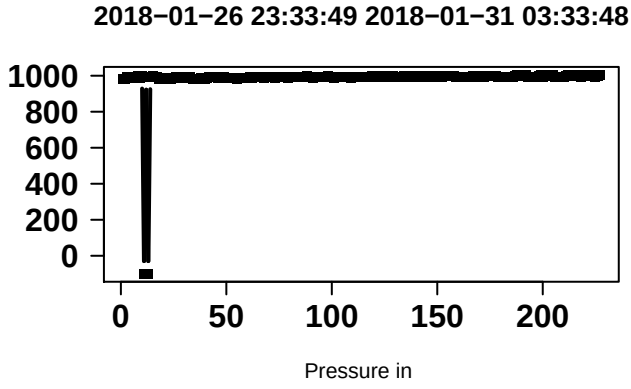

2018−01−22 04:53:45 2018−01−26 08:53:44
1000
800
600
400
200
0
0
50
100
150
200
Pressure in

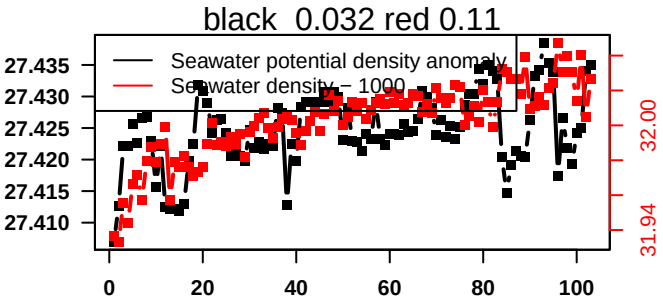

black 0.028 red 0.1
Seawater potential density anomaly
Seawater density − 1000
27.435
27.430
27.425
27.420
27.415
27.410
32.02
31.98
31.94
0
20
40
60
80
100

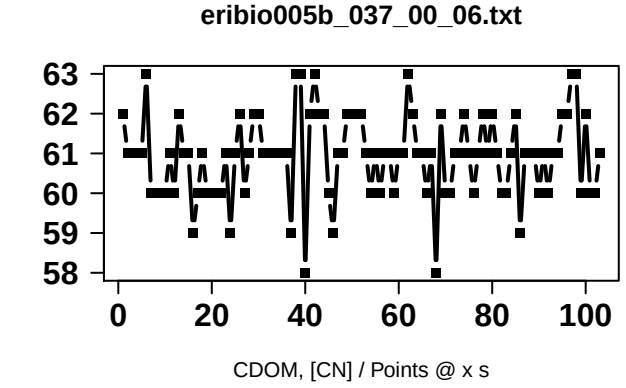

eribio005b_036_00_06.txt
63
62
61
60
59
58
0
20
40
60
80
100
CDOM, [CN] / Points @ x s

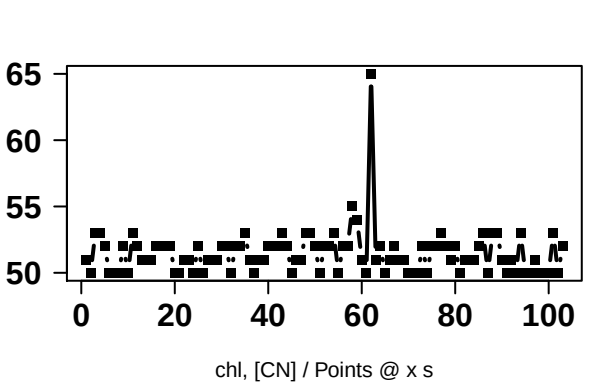

55
54
53
52
51
50
0
20
40
60
80
100
chl, [CN] / Points @ x s

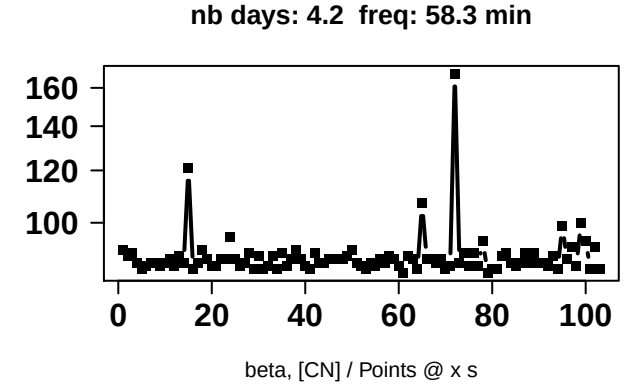

nb days: 4.2 freq: 58.3 min
150
140
130
120
110
100
90
0
20
40
60
80
100
beta, [CN] / Points @ x s

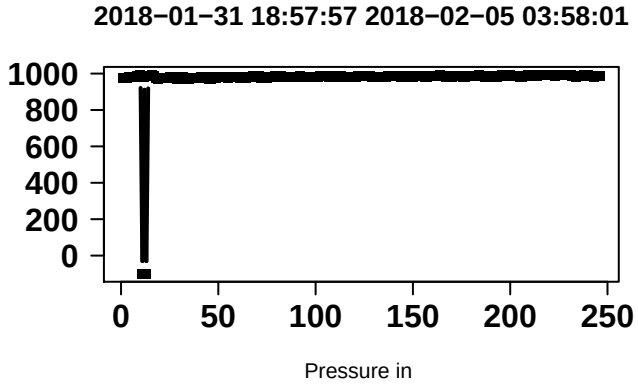

2018−01−26 23:33:49 2018−01−31 03:33:48
1000
800
600
400
200
0
0
50
100
150
200
Pressure in

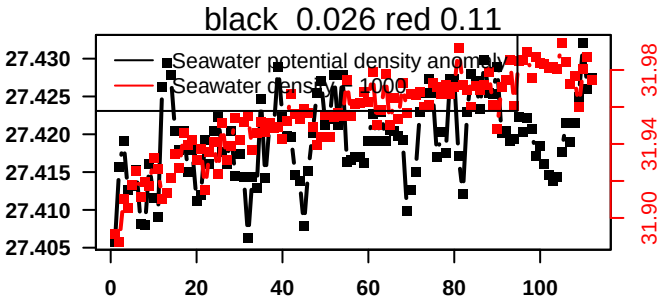

black 0.032 red 0.11
Seawater potential density anomaly
Seawater density − 1000
27.435
27.430
27.425
27.420
27.415
27.410
32.00
31.94
0
20
40
60
80
100

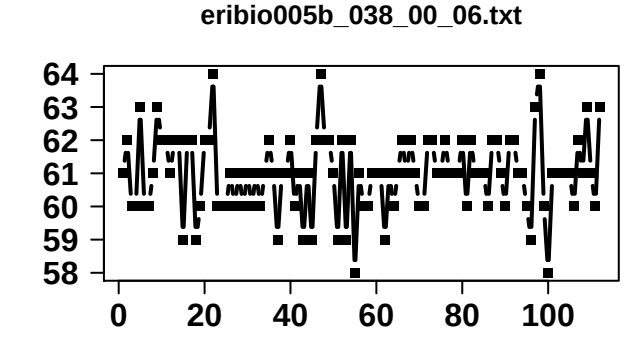

eribio005b_037_00_06.txt
63
62
61
60
59
58
0
20
40
60
80
100
CDOM, [CN] / Points @ x s

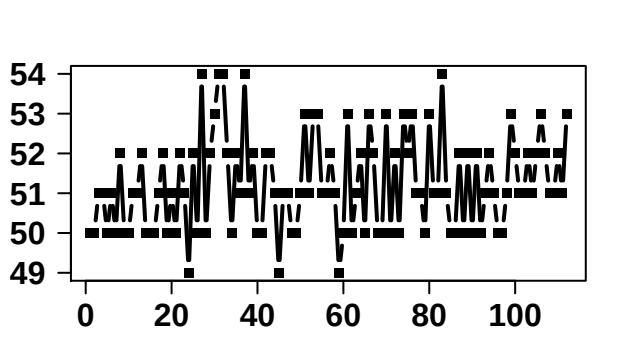

65
60
55
50
0
20
40
60
80
100
chl, [CN] / Points @ x s

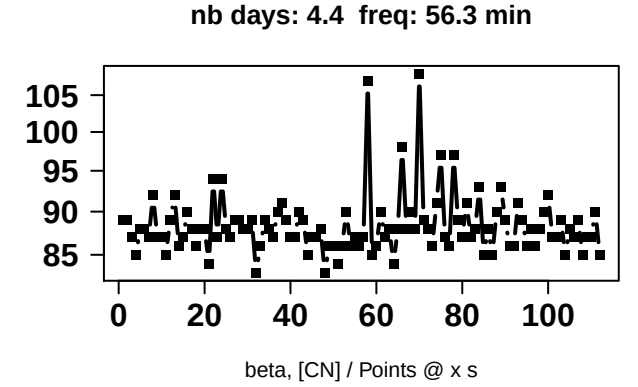

nb days: 4.2 freq: 58.3 min
160
140
120
100
0
20
40
60
80
100
beta, [CN] / Points @ x s

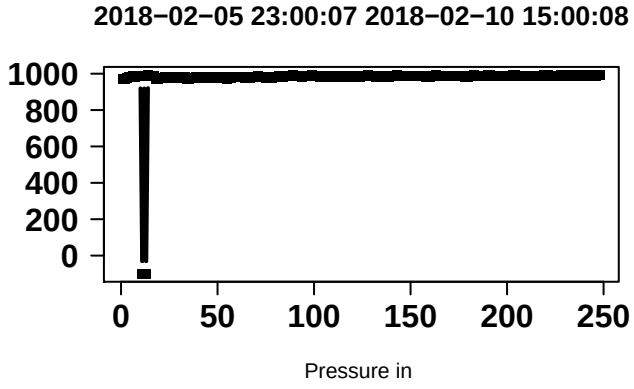

2018−01−31 18:57:57 2018−02−05 03:58:01
1000
800
600
400
200
0
0
50
100
150
200
250
Pressure in

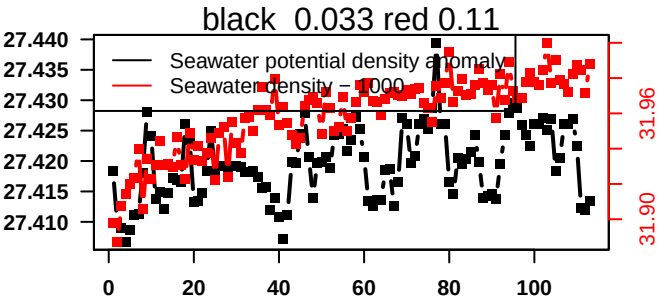

black 0.026 red 0.11
Seawater potential density anomaly
Seawater density − 1000
27.430
27.425
27.420
27.415
27.410
27.405
31.98
31.94
31.90
0
20
40
60
80
100

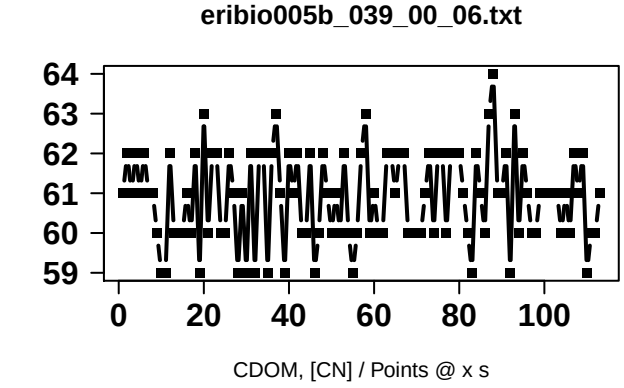

eribio005b_038_00_06.txt
64
63
62
61
60
59
58
0
20
40
60
80
100
CDOM, [CN] / Points @ x s

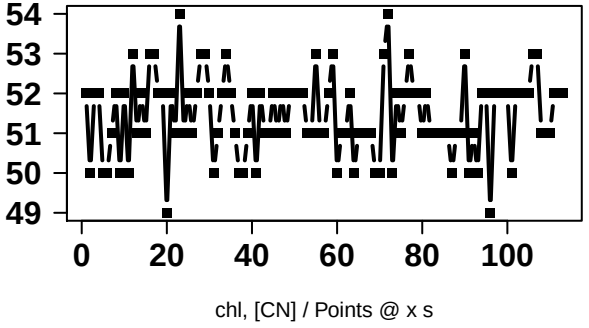

54
53
52
51
50
49
0
20
40
60
80
100
chl, [CN] / Points @ x s

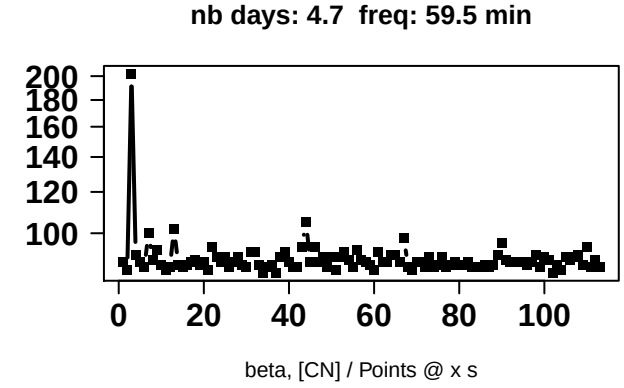

nb days: 4.4 freq: 56.3 min
105
100
95
90
85
0
20
40
60
80
100
beta, [CN] / Points @ x s

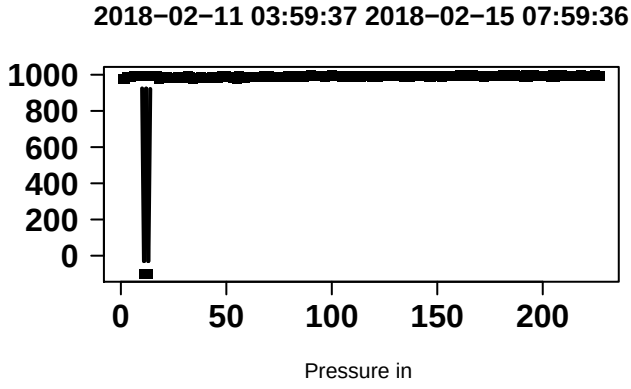

2018−02−05 23:00:07 2018−02−10 15:00:08
1000
800
600
400
200
0
0
50
100
150
200
250
Pressure in

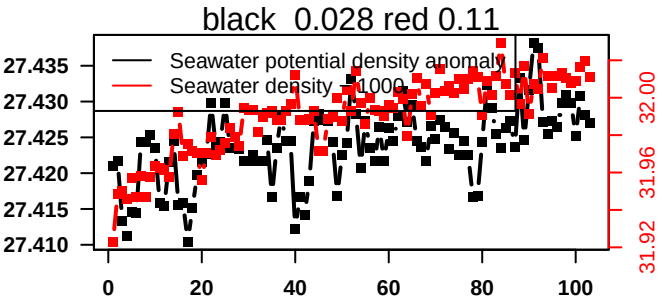

black 0.033 red 0.11
Seawater potential density anomaly
Seawater density − 1000
27.440
27.435
27.430
27.425
27.420
27.415
27.410
31.96
31.90
0
20
40
60
80
100

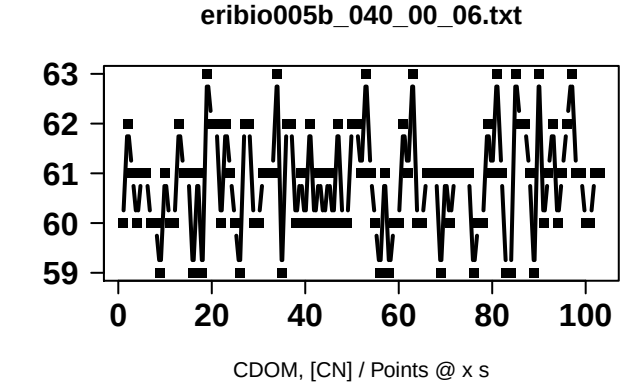

eribio005b_039_00_06.txt
64
63
62
61
60
59
0
20
40
60
80
100
CDOM, [CN] / Points @ x s

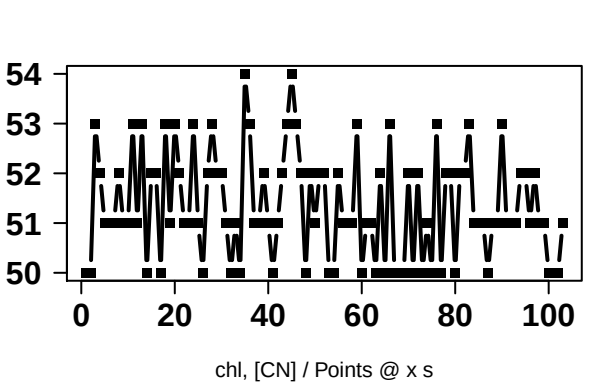

54
53
52
51
50
49
0
20
40
60
80
100
chl, [CN] / Points @ x s

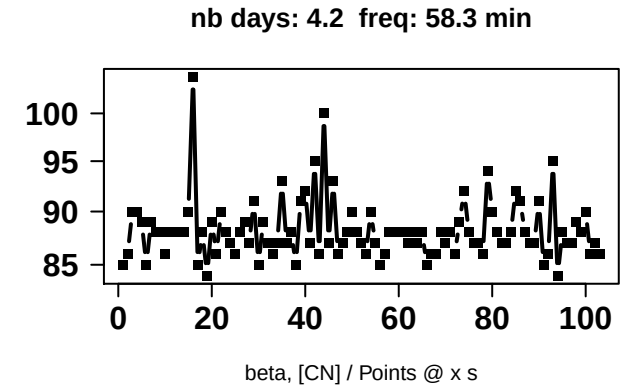

nb days: 4.7 freq: 59.5 min
200
180
160
140
120
100
0
20
40
60
80
100
beta, [CN] / Points @ x s

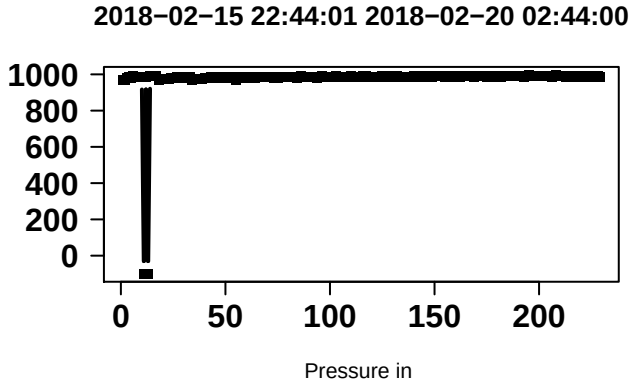

2018−02−11 03:59:37 2018−02−15 07:59:36
1000
800
600
400
200
0
0
50
100
150
200
Pressure in

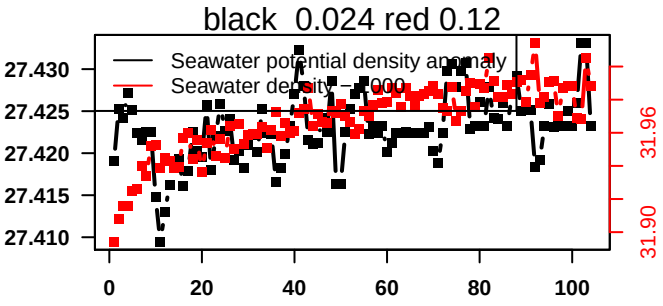

black 0.028 red 0.11
Seawater potential density anomaly
Seawater density − 1000
27.435
27.430
27.425
27.420
27.415
27.410
0
20
40
60
80
100
32.00
31.96
31.92

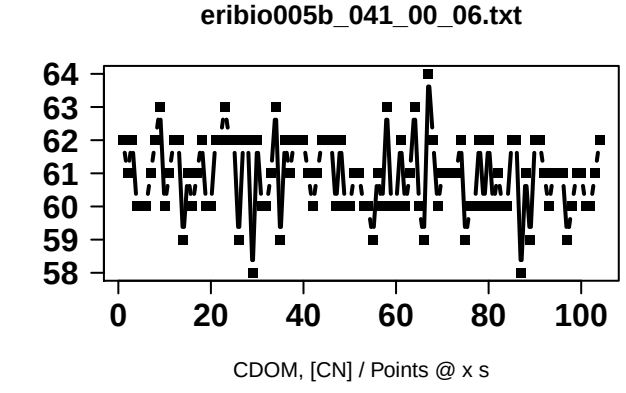

eribio005b_040_00_06.txt
63
62
61
60
59
0
20
40
60
80
100
CDOM, [CN] / Points @ x s

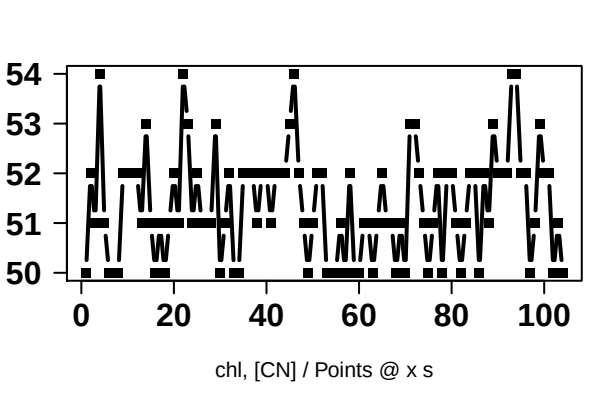

54
53
52
51
50
0
20
40
60
80
100
chl, [CN] / Points @ x s

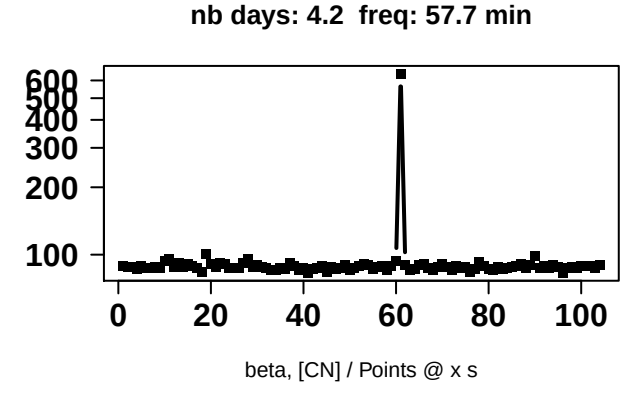

nb days: 4.2 freq: 58.3 min
100
95
90
85
0
20
40
60
80
100
beta, [CN] / Points @ x s

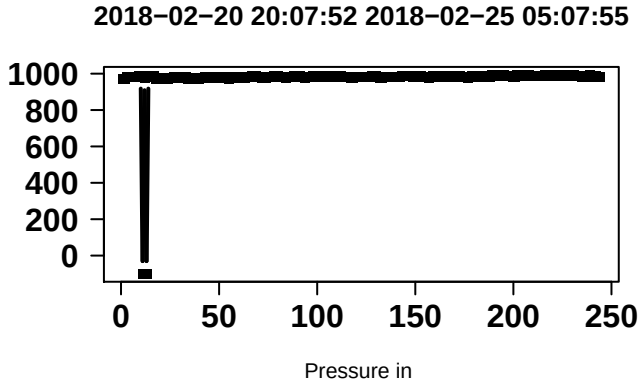

2018−02−15 22:44:01 2018−02−20 02:44:00
1000
800
600
400
200
0
0
50
100
150
200
Pressure in

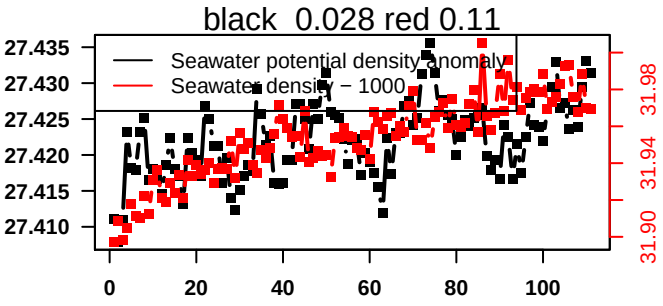

black 0.024 red 0.12
Seawater potential density anomaly
Seawater density − 1000
27.430
27.425
27.420
27.415
27.410
31.96
31.90
0
20
40
60
80
100

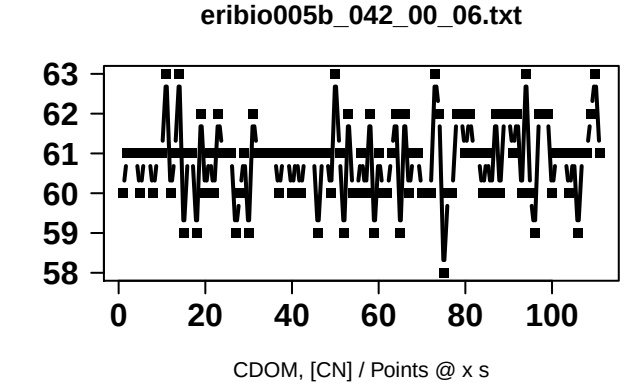

eribio005b_041_00_06.txt
64
63
62
61
60
59
58
0
20
40
60
80
100
CDOM, [CN] / Points @ x s

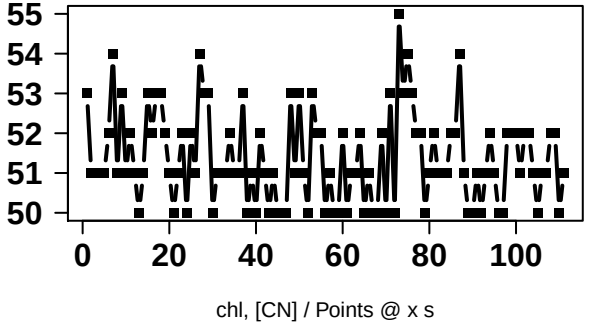

54
53
52
51
50
0
20
40
60
80
100
chl, [CN] / Points @ x s

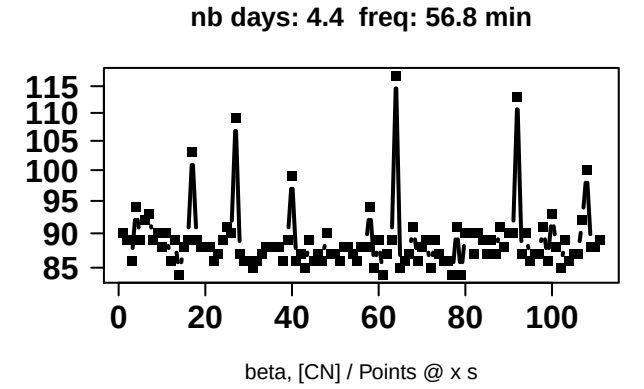

nb days: 4.2 freq: 57.7 min
600
500
400
300
200
100
0
20
40
60
80
100
beta, [CN] / Points @ x s

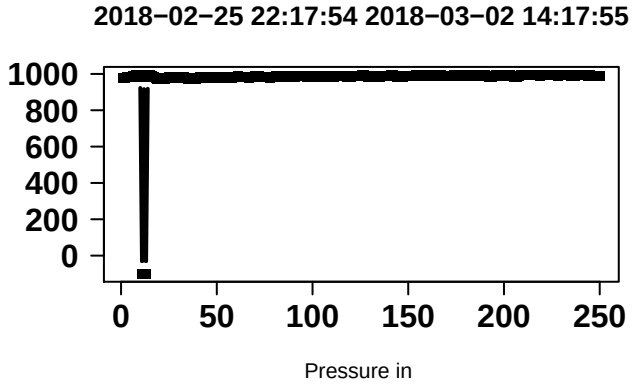

2018−02−20 20:07:52 2018−02−25 05:07:55
1000
800
600
400
200
0
0
50
100
150
200
250
Pressure in

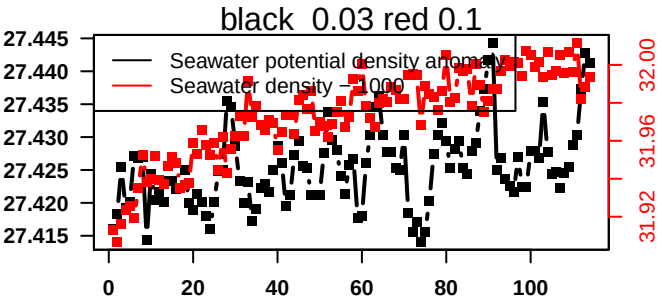

black 0.028 red 0.11
Seawater potential density anomaly
Seawater density − 1000
27.435
27.430
27.425
27.420
27.415
27.410
31.98
31.94
31.90
0
20
40
60
80
100

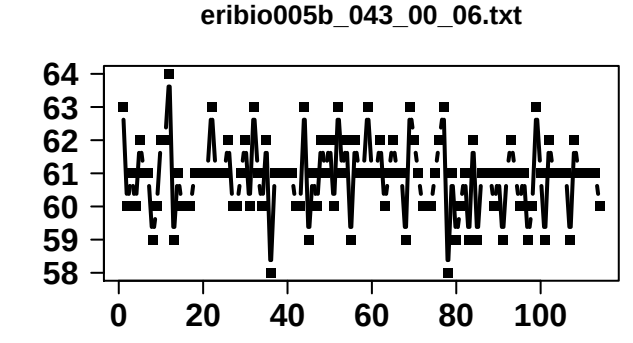

eribio005b_042_00_06.txt
63
62
61
60
59
58
0
20
40
60
80
100
CDOM, [CN] / Points @ x s

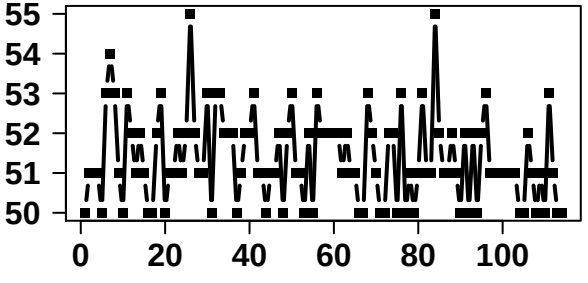

55
54
53
52
51
50
0
20
40
60
80
100
chl, [CN] / Points @ x s

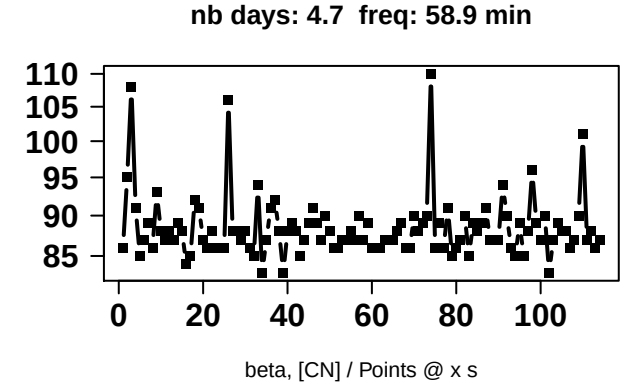

nb days: 4.4 freq: 56.8 min
115
110
105
100
95
90
85
0
20
40
60
80
100
beta, [CN] / Points @ x s

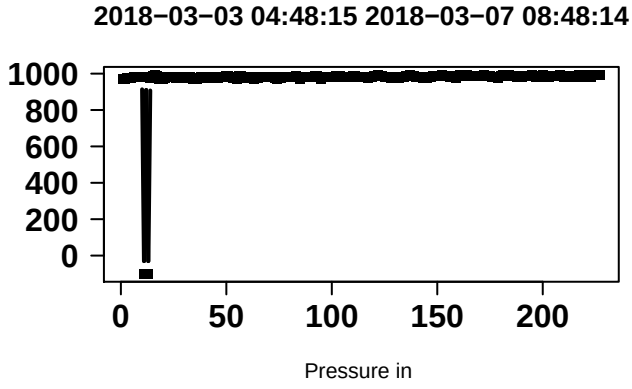

2018−02−25 22:17:54 2018−03−02 14:17:55
1000
800
600
400
200
0
0
50
100
150
200
250
Pressure in

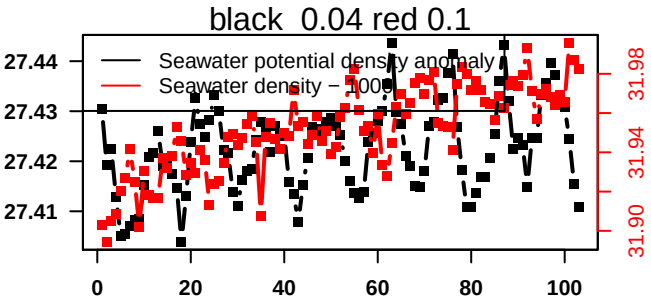

black 0.03 red 0.1
Seawater potential density anomaly
Seawater density − 1000
27.445
27.440
27.435
27.430
27.425
27.420
27.415
32.00
31.96
31.92
0
20
40
60
80
100

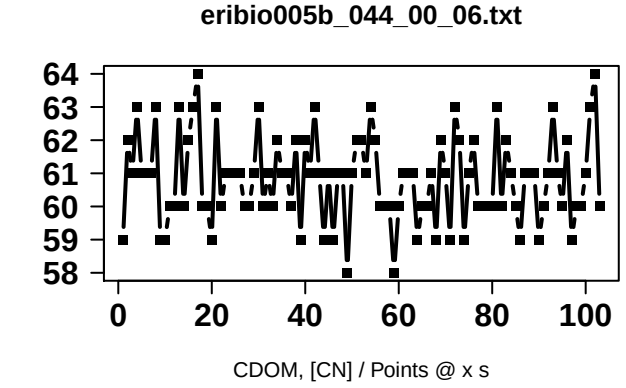

eribio005b_043_00_06.txt
64
63
62
61
60
59
58
0
20
40
60
80
100
CDOM, [CN] / Points @ x s

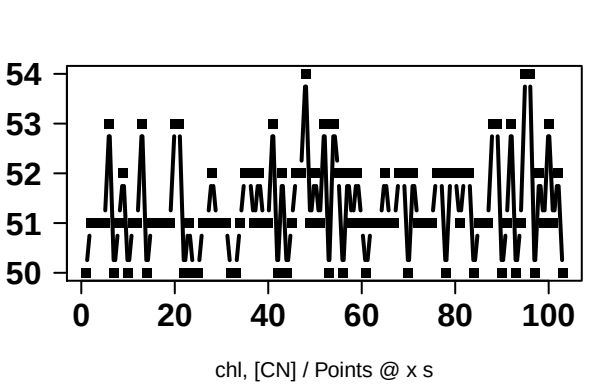

55
54
53
52
51
50
0
20
40
60
80
100
chl, [CN] / Points @ x s

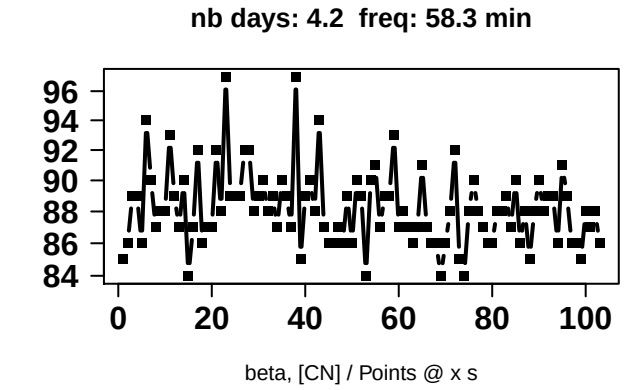

nb days: 4.7 freq: 58.9 min
110
105
100
95
90
85
0
20
40
60
80
100
beta, [CN] / Points @ x s

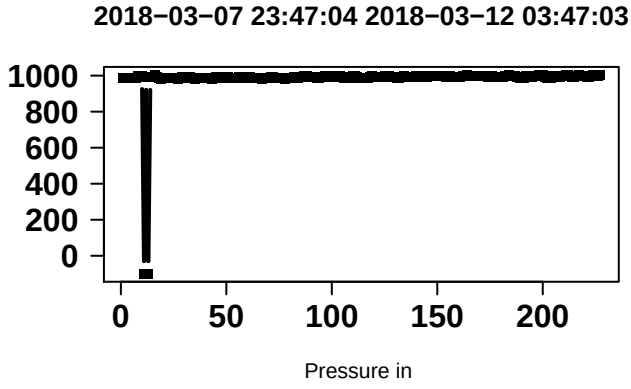

2018−03−03 04:48:15 2018−03−07 08:48:14
1000
800
600
400
200
0
0
50
100
150
200
Pressure in

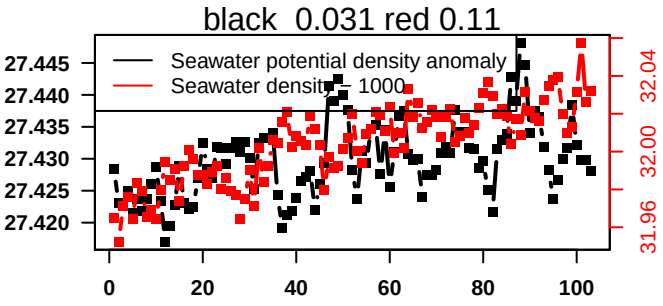

black 0.04 red 0.1
Seawater potential density anomaly /
Seawater density − 1000
27.44
27.43
27.42
27.41
31.98
31.94
31.90
0
20
40
60
80
100

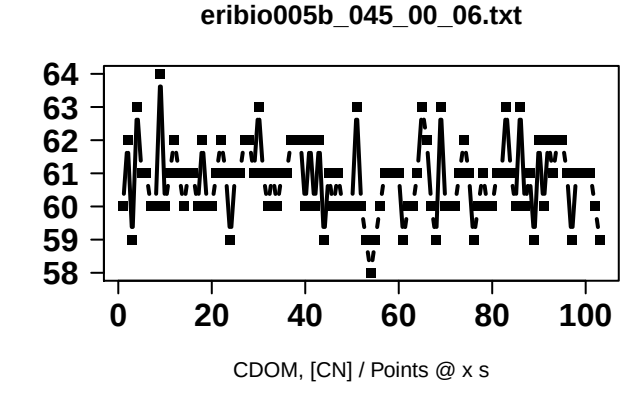

eribio005b_044_00_06.txt
64
63
62
61
60
59
58
0
20
40
60
80
100
CDOM, [CN] / Points @ x s

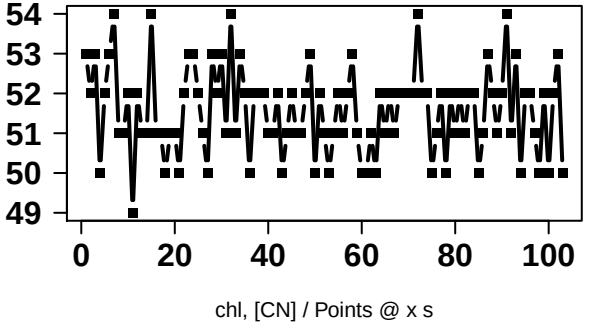

54
53
52
51
50
0
20
40
60
80
100
chl, [CN] / Points @ x s

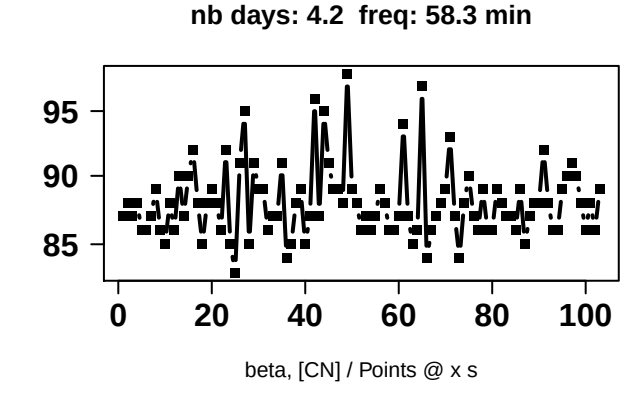

nb days: 4.2 freq: 58.3 min
96
94
92
90
88
86
84
0
20
40
60
80
100
beta, [CN] / Points @ x s

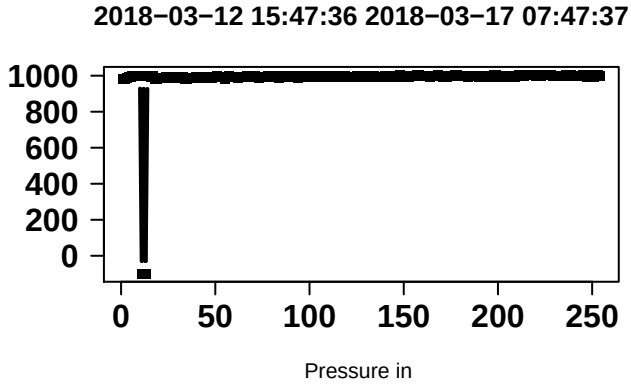

2018−03−07 23:47:04 2018−03−12 03:47:03
1000
800
600
400
200
0
0
50
100
150
200
Pressure in

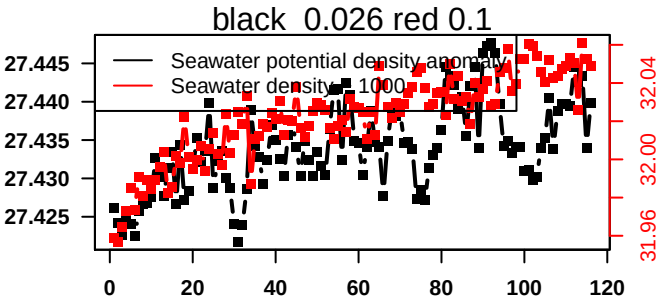

black 0.031 red 0.11
Seawater potential density anomaly
Seawater density − 1000
27.445
27.440
27.435
27.430
27.425
27.420
0
20
40
60
80
100
32.04
32.00
31.96

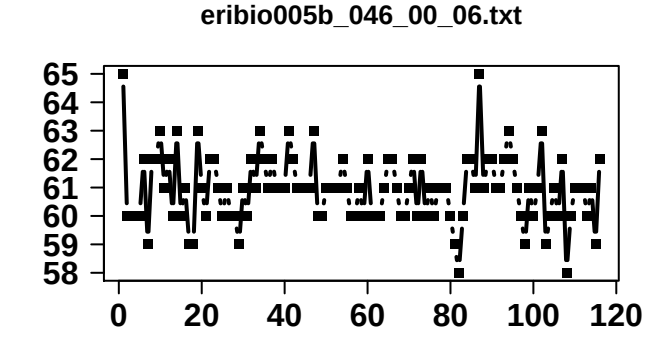

eribio005b_045_00_06.txt
64
63
62
61
60
59
58
0
20
40
60
80
100
CDOM, [CN] / Points @ x s

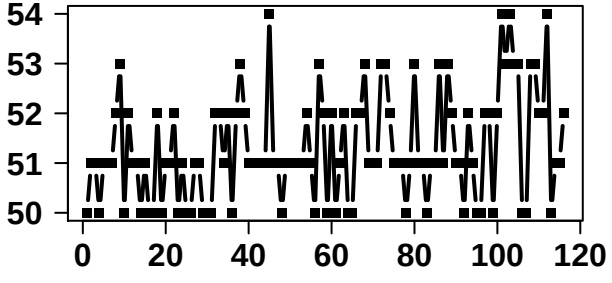

54
53
52
51
50
49
0
20
40
60
80
100
chl, [CN] / Points @ x s

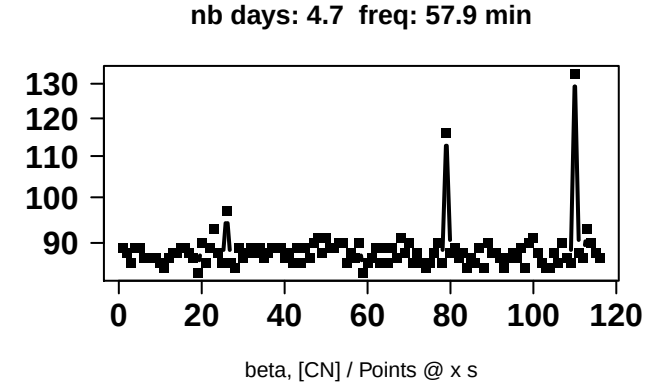

nb days: 4.2 freq: 58.3 min
95
90
85
0
20
40
60
80
100
beta, [CN] / Points @ x s

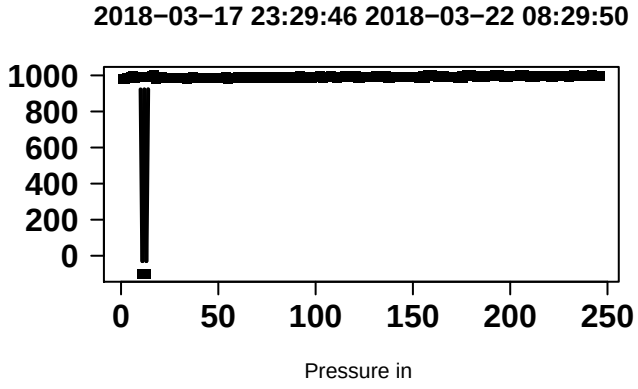

2018−03−12 15:47:36 2018−03−17 07:47:37
1000
800
600
400
200
0
0
50
100
150
200
250
Pressure in

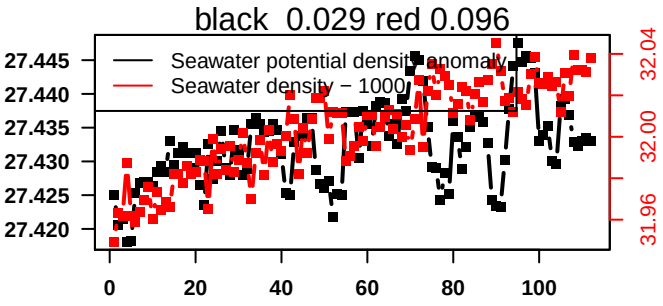

black 0.026 red 0.1
Seawater potential density anomaly
Seawater density − 1000
27.445
27.440
27.435
27.430
27.425
0
20
40
60
80
100
120
32.04
32.00
31.96

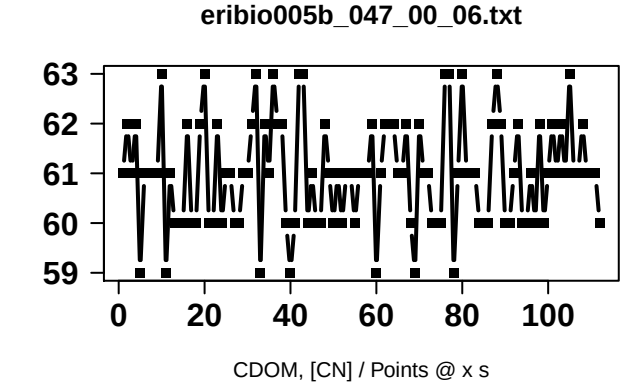

eribio005b_046_00_06.txt
65
64
63
62
61
60
59
58
0
20
40
60
80
100
120
CDOM, [CN] / Points @ x s

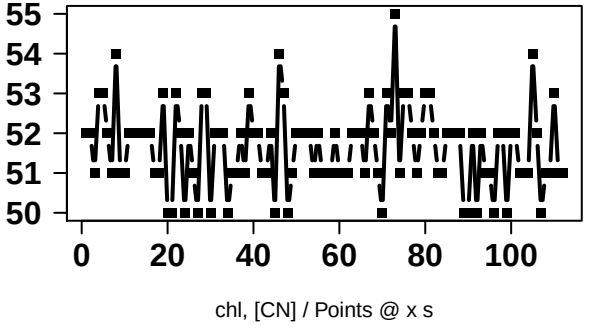

54
53
52
51
50
0
20
40
60
80
100
120
chl, [CN] / Points @ x s

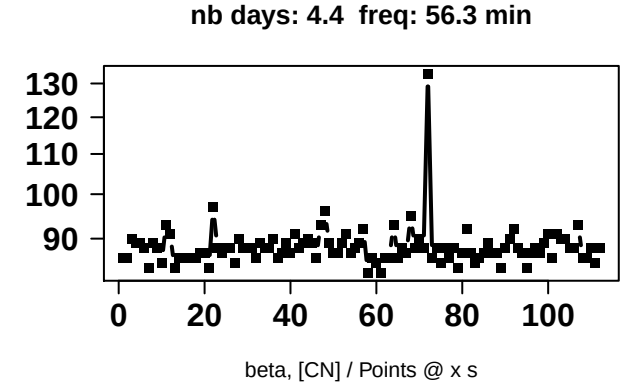

nb days: 4.7 freq: 57.9 min
130
120
110
100
90
0
20
40
60
80
100
120
beta, [CN] / Points @ x s

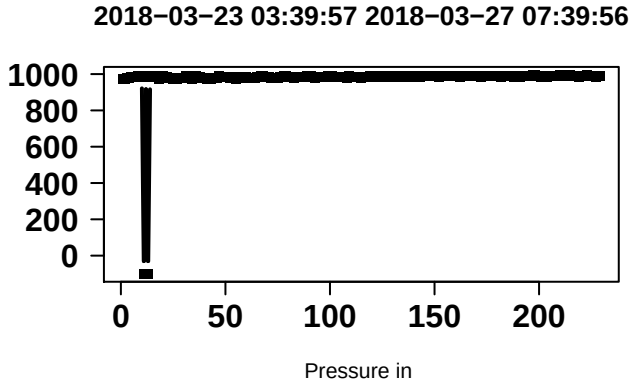

2018−03−17 23:29:46 2018−03−22 08:29:50
1000
800
600
400
200
0
0
50
100
150
200
250
Pressure in

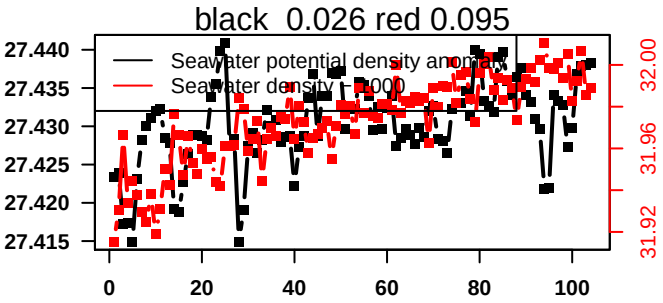

black 0.029 red 0.096
Seawater potential density anomaly
Seawater density − 1000
27.445
27.440
27.435
27.430
27.425
27.420
32.04
32.00
31.96
0
20
40
60
80
100

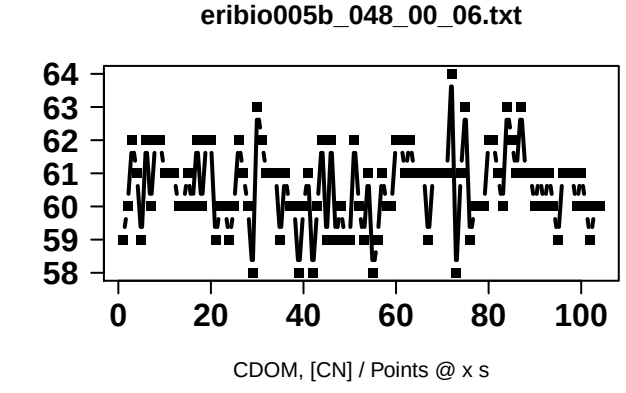

eribio005b_047_00_06.txt
63
62
61
60
59
0
20
40
60
80
100
CDOM, [CN] / Points @ x s

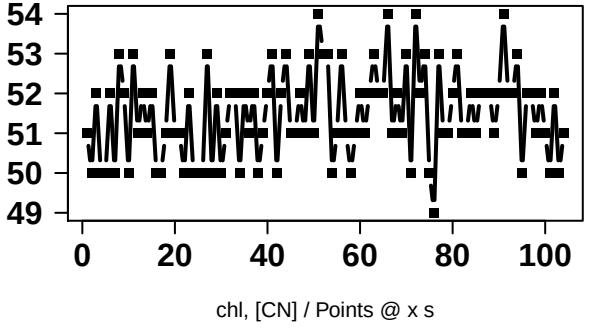

55
54
53
52
51
50
0
20
40
60
80
100
chl, [CN] / Points @ x s

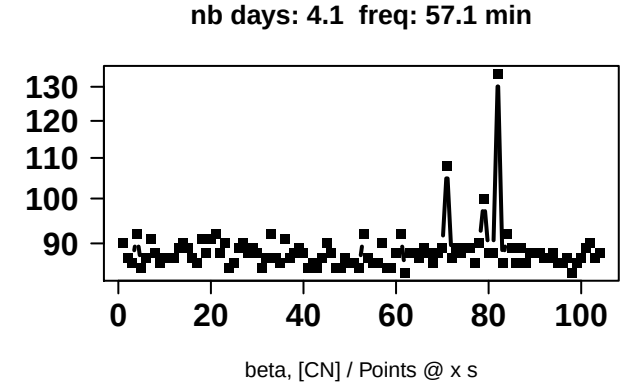

nb days: 4.4 freq: 56.3 min
130
120
110
100
90
0
20
40
60
80
100
beta, [CN] / Points @ x s

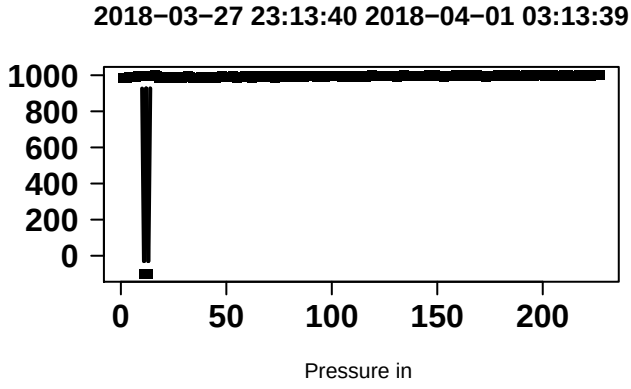

2018−03−23 03:39:57 2018−03−27 07:39:56
1000
800
600
400
200
0
0
50
100
150
200
Pressure in

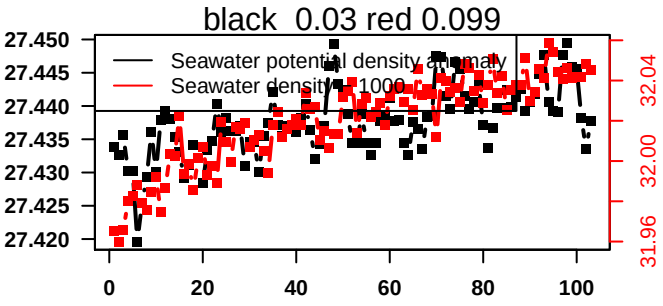

black 0.026 red 0.095
Seawater potential density anomaly
Seawater density − 1000
27.440
27.435
27.430
27.425
27.420
27.415
32.00
31.96
31.92
0
20
40
60
80
100

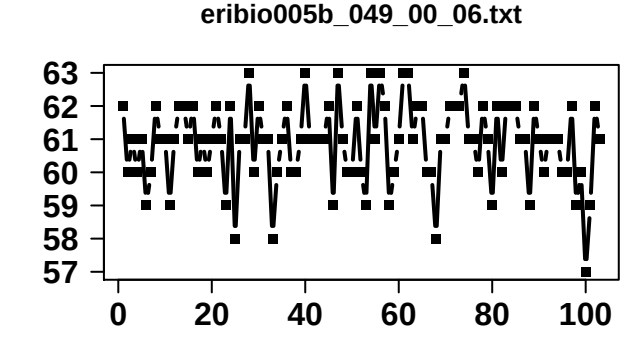

eribio005b_048_00_06.txt
64
63
62
61
60
59
58
0
20
40
60
80
100
CDOM, [CN] / Points @ x s

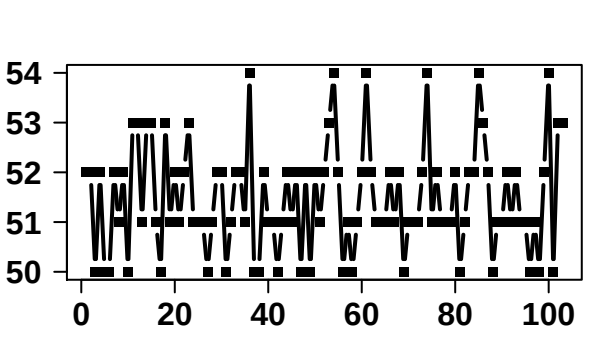

54
53
52
51
50
49
0
20
40
60
80
100
chl, [CN] / Points @ x s

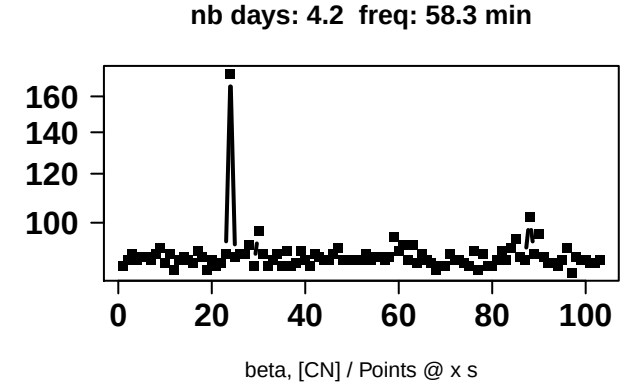

nb days: 4.1 freq: 57.1 min
130
120
110
100
90
0
20
40
60
80
100
beta, [CN] / Points @ x s

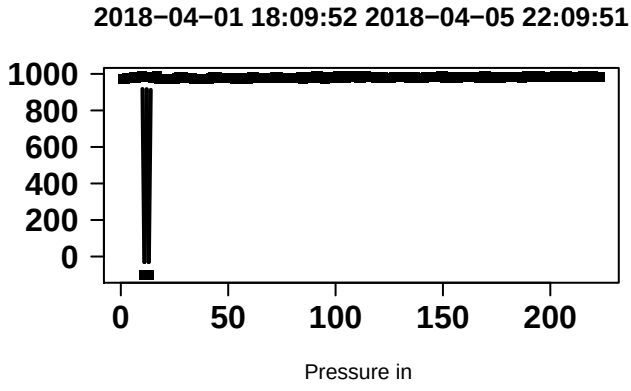

2018−03−27 23:13:40 2018−04−01 03:13:39
1000
800
600
400
200
0
0
50
100
150
200
Pressure in

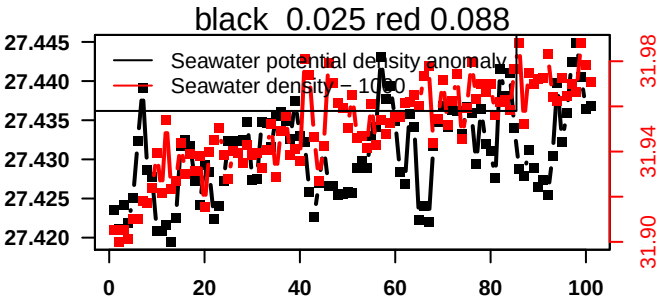

black 0.03 red 0.099
Seawater potential density anomaly
Seawater density − 1000
27.450
27.445
27.440
27.435
27.430
27.425
27.420
32.04
32.00
31.96
0
20
40
60
80
100

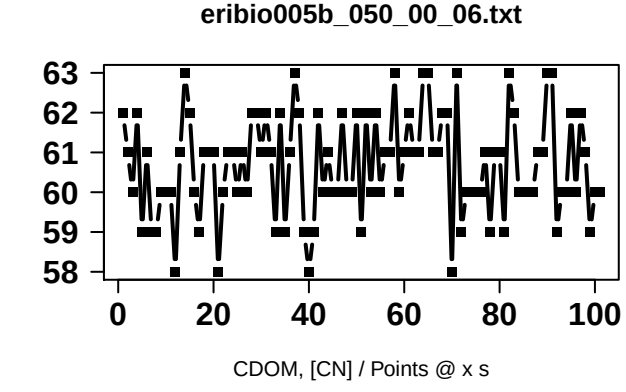

eribio005b_049_00_06.txt
63
62
61
60
59
58
57
0
20
40
60
80
100
CDOM, [CN] / Points @ x s

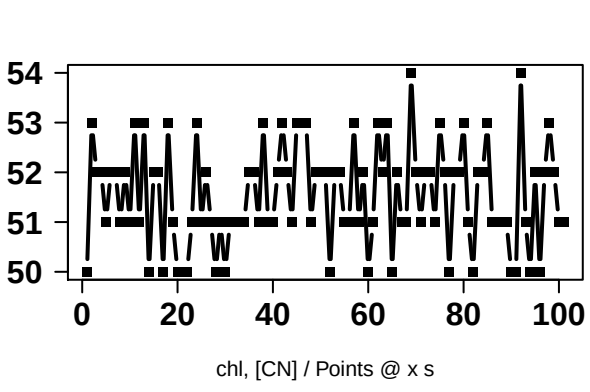

54
53
52
51
50
0
20
40
60
80
100
chl, [CN] / Points @ x s

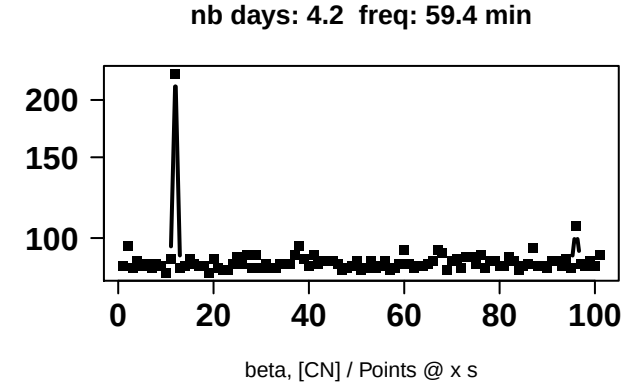

nb days: 4.2 freq: 58.3 min
160
140
120
100
0
20
40
60
80
100
beta, [CN] / Points @ x s

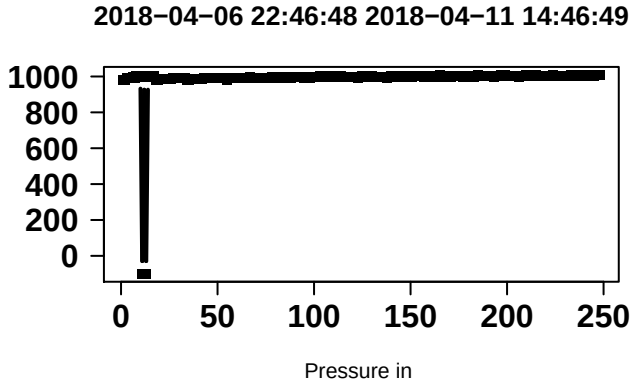

2018−04−01 18:09:52 2018−04−05 22:09:51
1000
800
600
400
200
0
0
50
100
150
200
Pressure in

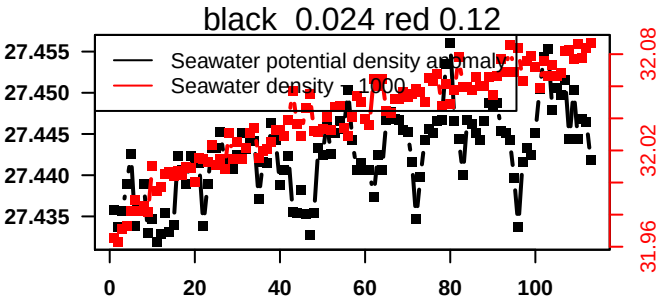

black 0.025 red 0.088
Seawater potential density anomaly
Seawater density − 1000
27.445
27.440
27.435
27.430
27.425
27.420
31.98
31.94
31.90
0
20
40
60
80
100

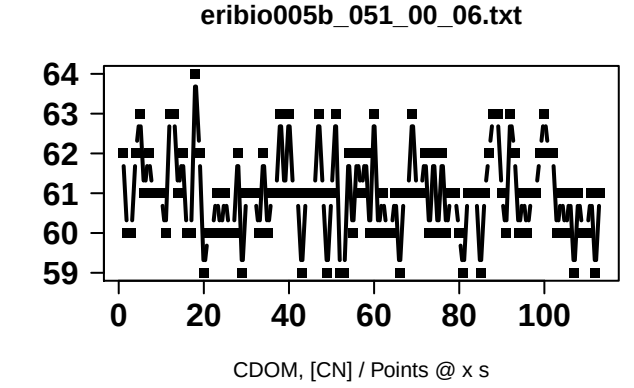

eribio005b_050_00_06.txt
63
62
61
60
59
58
0
20
40
60
80
100
CDOM, [CN] / Points @ x s

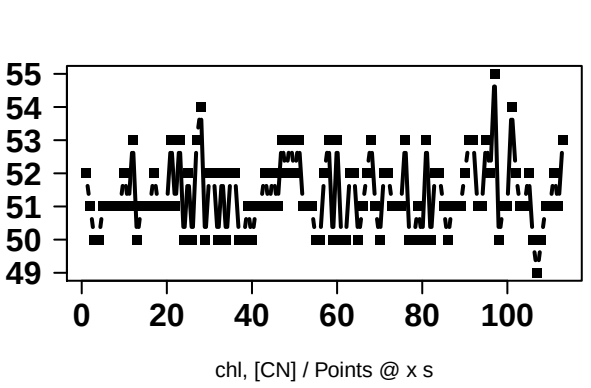

54
53
52
51
50
0
20
40
60
80
100
chl, [CN] / Points @ x s

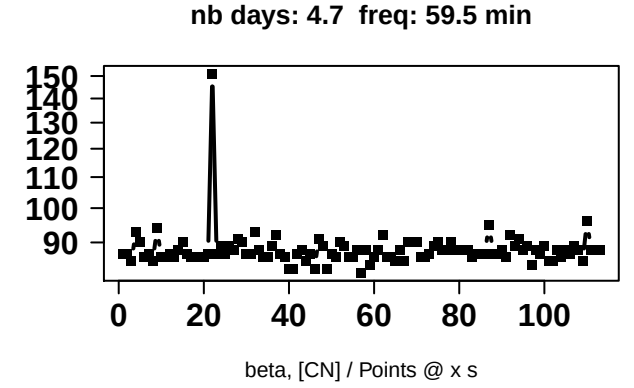

nb days: 4.2 freq: 59.4 min
200
150
100
0
20
40
60
80
100
beta, [CN] / Points @ x s

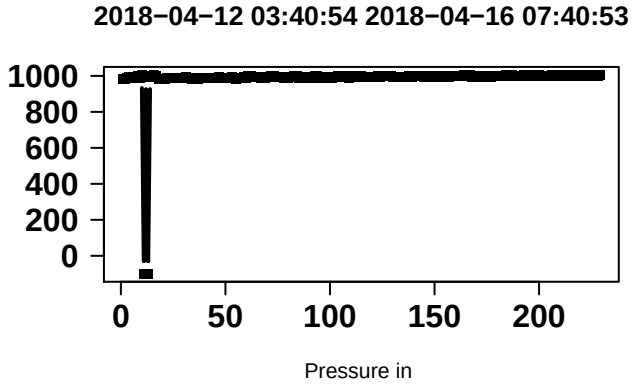

2018−04−06 22:46:48 2018−04−11 14:46:49
1000
800
600
400
200
0
0
50
100
150
200
250
Pressure in

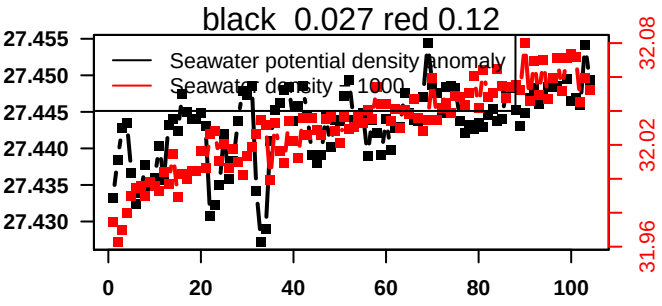

black 0.024 red 0.12
Seawater potential density anomaly
Seawater density − 1000
27.455
27.450
27.445
27.440
27.435
32.08
32.02
31.96
0
20
40
60
80
100

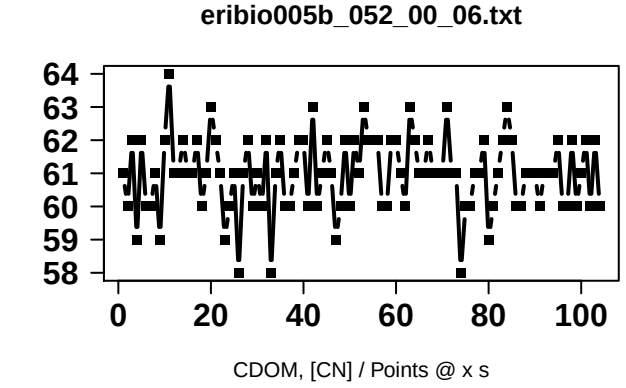

eribio005b_051_00_06.txt
64
63
62
61
60
59
0
20
40
60
80
100
CDOM, [CN] / Points @ x s

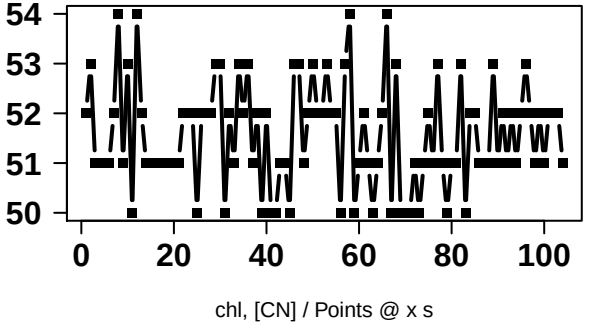

55
54
53
52
51
50
49
0
20
40
60
80
100
chl, [CN] / Points @ x s

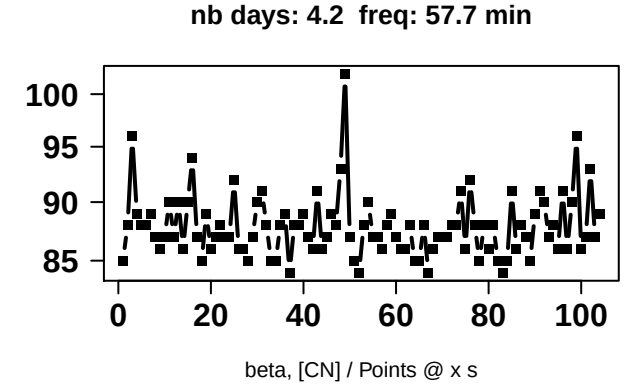

nb days: 4.7 freq: 59.5 min
150
140
130
120
110
100
90
0
20
40
60
80
100
beta, [CN] / Points @ x s

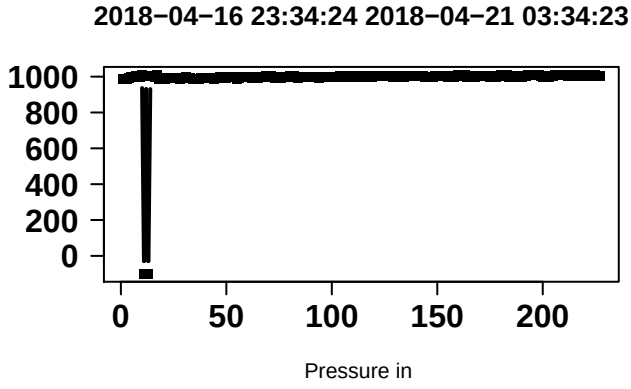

2018−04−12 03:40:54 2018−04−16 07:40:53
1000
800
600
400
200
0
0
50
100
150
200
Pressure in

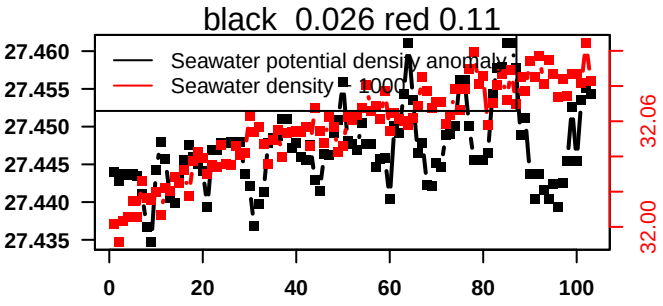

black 0.027 red 0.12
Seawater potential density anomaly
Seawater density − 1000
27.455
27.450
27.445
27.440
27.435
27.430
32.08
32.02
31.96
0
20
40
60
80
100

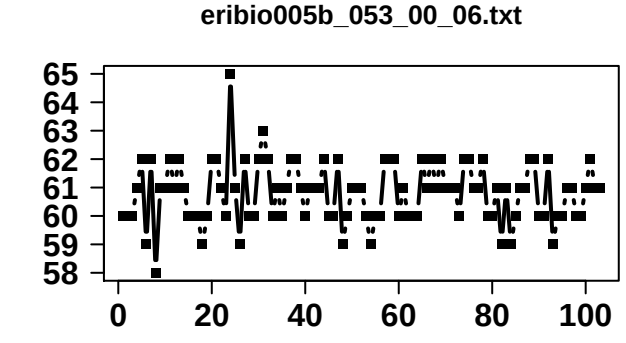

eribio005b_052_00_06.txt
64
63
62
61
60
59
58
0
20
40
60
80
100
CDOM, [CN] / Points @ x s

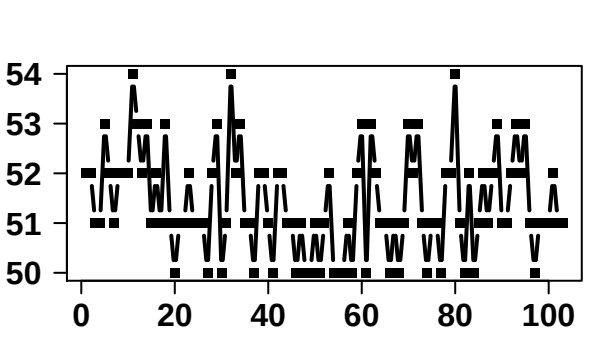

54
53
52
51
50
0
20
40
60
80
100
chl, [CN] / Points @ x s

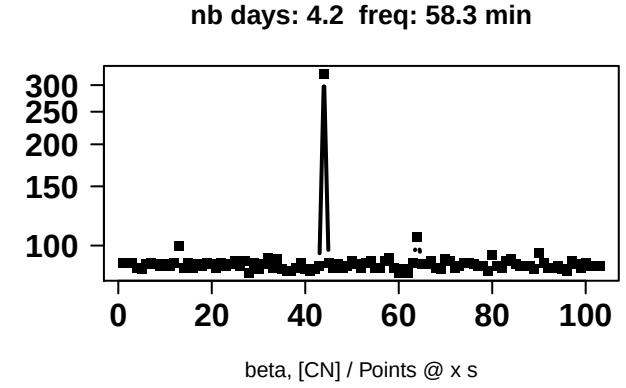

nb days: 4.2 freq: 57.7 min
100
95
90
85
0
20
40
60
80
100
beta, [CN] / Points @ x s

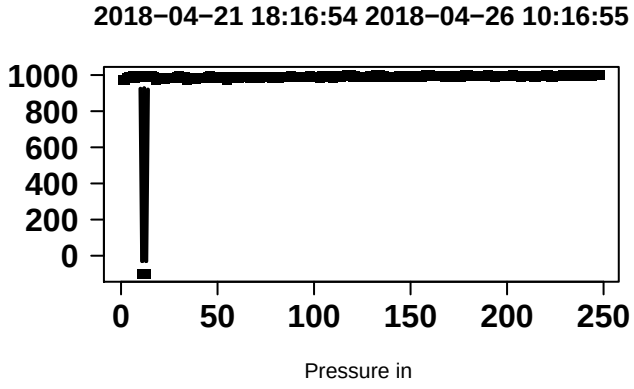

2018−04−16 23:34:24 2018−04−21 03:34:23
1000
800
600
400
200
0
0
50
100
150
200
Pressure in

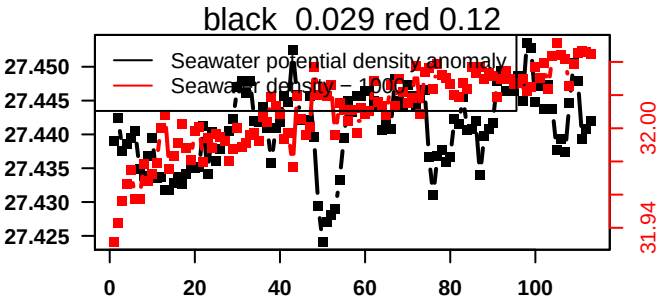

black 0.026 red 0.11
Seawater potential density anomaly
Seawater density − 1000
27.460
27.455
27.450
27.445
27.440
27.435
32.06
32.00
0
20
40
60
80
100

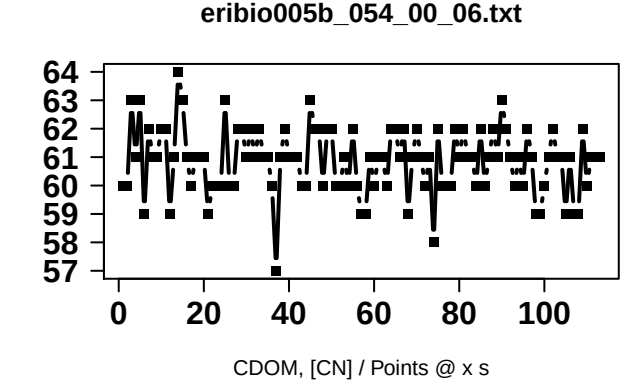

eribio005b_053_00_06.txt
65
64
63
62
61
60
59
58
0
20
40
60
80
100
CDOM, [CN] / Points @ x s

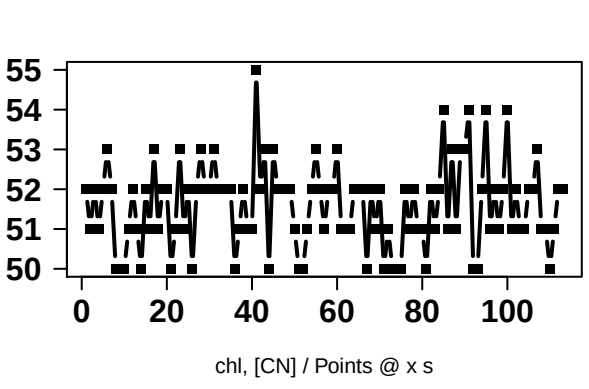

54
53
52
51
50
0
20
40
60
80
100
chl, [CN] / Points @ x s

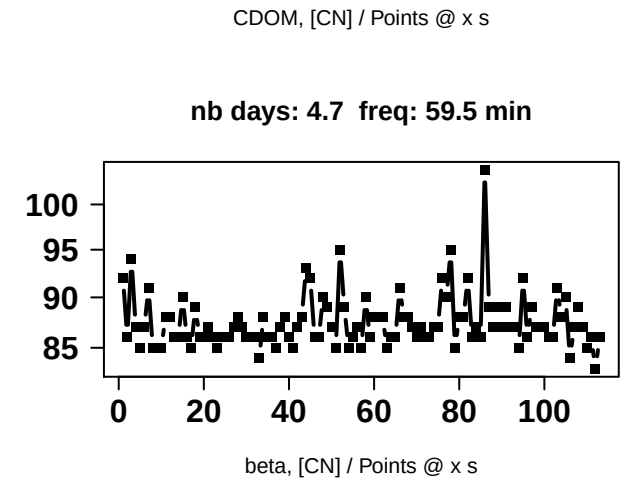

nb days: 4.2 freq: 58.3 min
300
250
200
150
100
0
20
40
60
80
100
beta, [CN] / Points @ x s

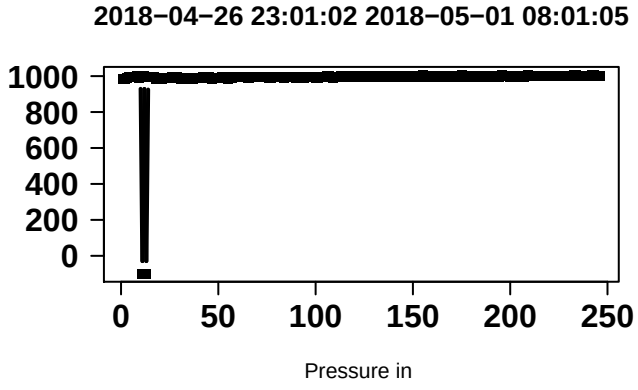

2018−04−21 18:16:54 2018−04−26 10:16:55
1000
800
600
400
200
0
0
50
100
150
200
250
Pressure in

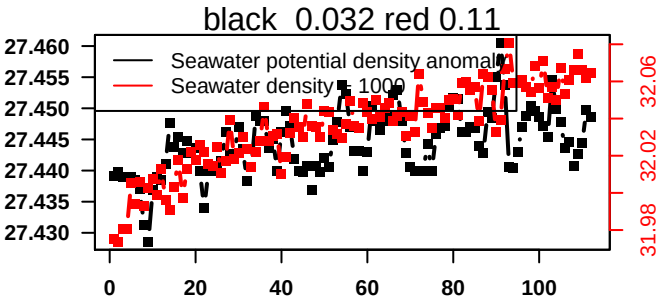

black 0.029 red 0.12
Seawater potential density anomaly
27.450
27.445
27.440
27.435
27.430
27.425
0
20
40
60
80
100
32.00
31.94

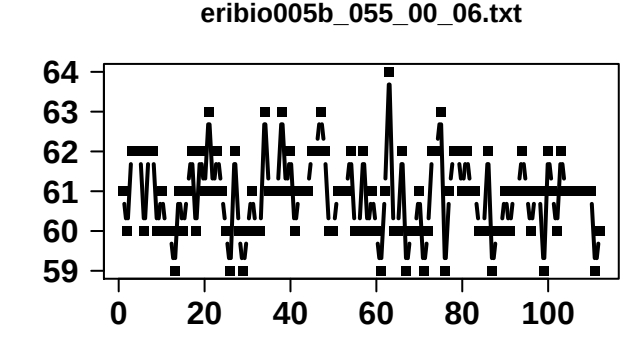

eribio005b_054_00_06.txt
64
63
62
61
60
59
58
57
0
20
40
60
80
100
CDOM, [CN] / Points @ x s

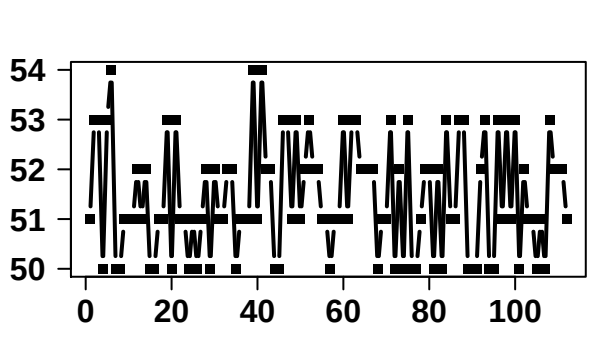

55
54
53
52
51
50
0
20
40
60
80
100
chl, [CN] / Points @ x s

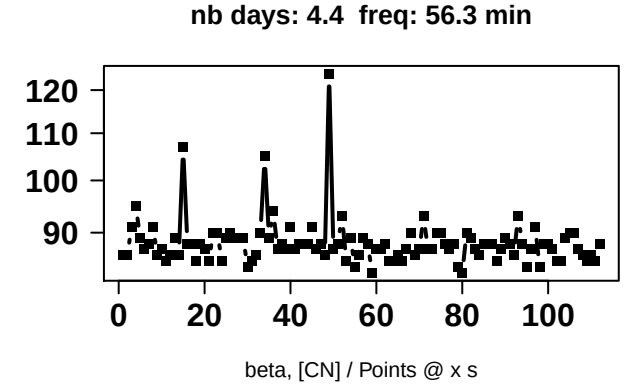

nb days: 4.7 freq: 59.5 min
100
95
90
85
0
20
40
60
80
100
beta, [CN] / Points @ x s

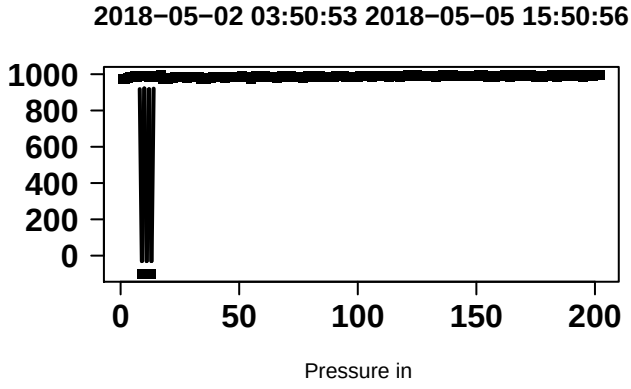

2018−04−26 23:01:02 2018−05−01 08:01:05
1000
800
600
400
200
0
0
50
100
150
200
250
Pressure in

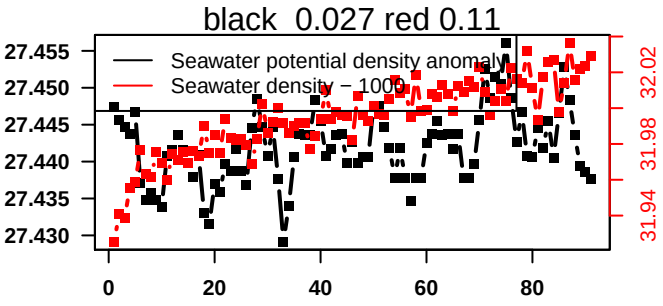

black 0.032 red 0.11
Seawater potential density anomaly
Seawater density − 1000
27.460
27.455
27.450
27.445
27.440
27.435
27.430
0
20
40
60
80
100
32.06
32.02
31.98

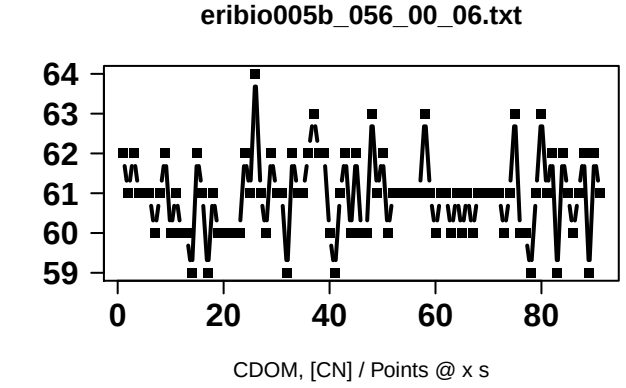

eribio005b_055_00_06.txt
64
63
62
61
60
59
0
20
40
60
80
100
CDOM, [CN] / Points @ x s

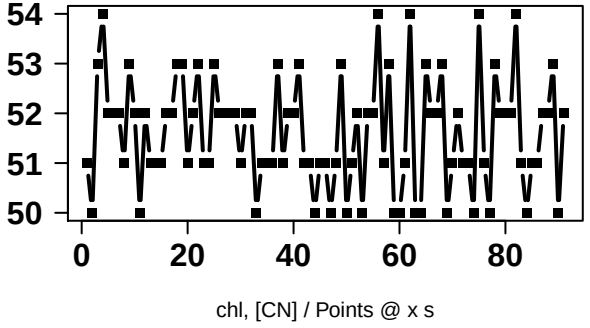

54
53
52
51
50
0
20
40
60
80
100
chl, [CN] / Points @ x s

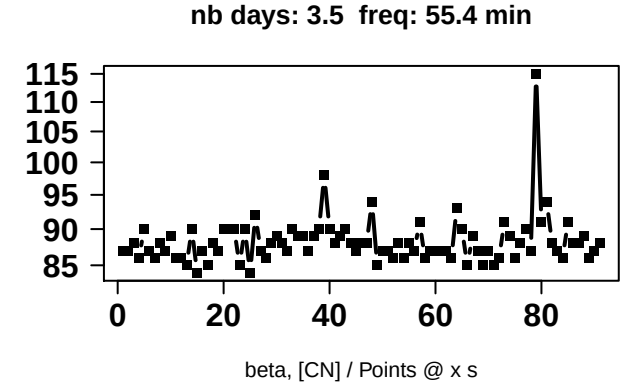

nb days: 4.4 freq: 56.3 min
120
110
100
90
0
20
40
60
80
100
beta, [CN] / Points @ x s

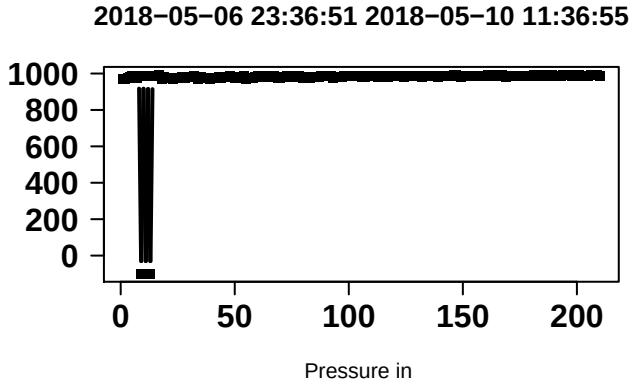

2018−05−02 03:50:53 2018−05−05 15:50:56
1000
800
600
400
200
0
0
50
100
150
200
Pressure in

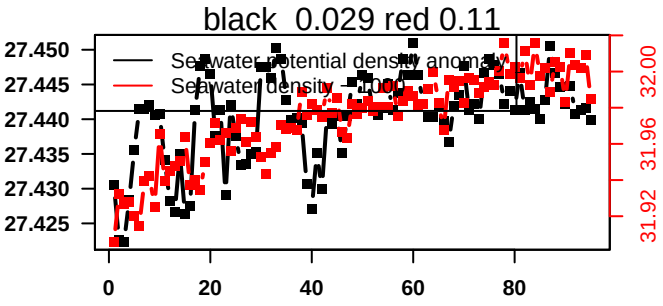

black 0.027 red 0.11
Seawater potential density anomaly
Seawater density − 1000
27.455
27.450
27.445
27.440
27.435
27.430
0
20
40
60
80
31.94
31.98
32.02

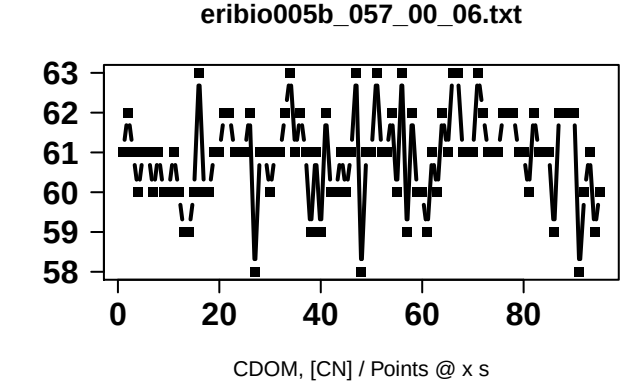

eribio005b_056_00_06.txt
64
63
62
61
60
59
0
20
40
60
80
CDOM, [CN] / Points @ x s

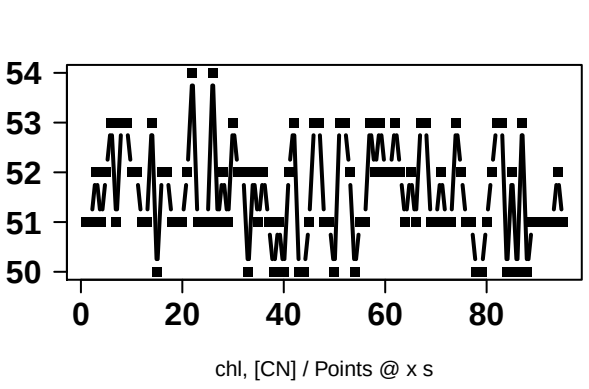

54
53
52
51
50
0
20
40
60
80
chl, [CN] / Points @ x s

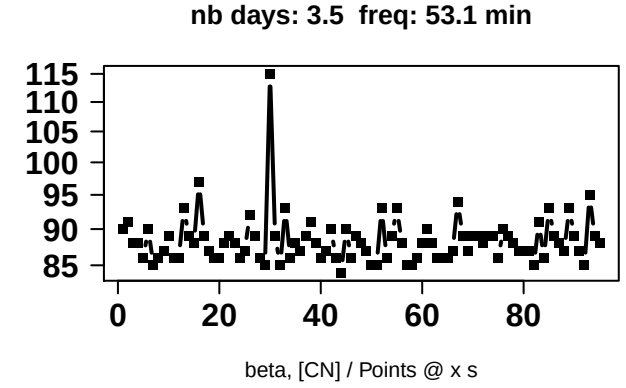

nb days: 3.5 freq: 55.4 min
115
110
105
100
95
90
85
0
20
40
60
80
beta, [CN] / Points @ x s

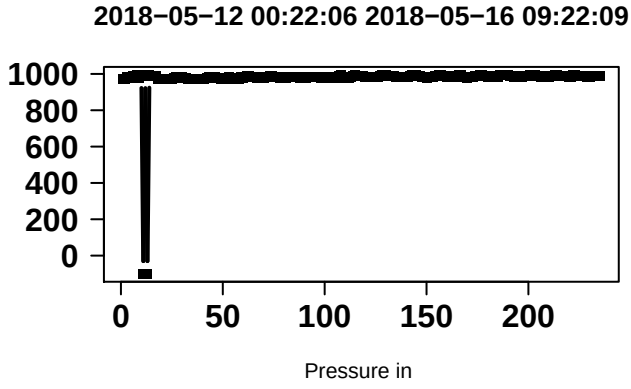

2018−05−06 23:36:51 2018−05−10 11:36:55
1000
800
600
400
200
0
0
50
100
150
200
Pressure in

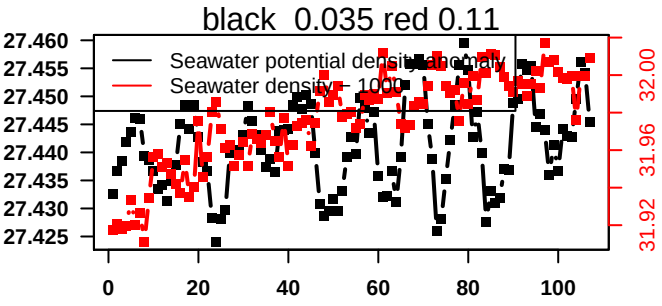

black 0.029 red 0.11
Seawater potential density anomaly
Seawater density
27.450
27.445
27.440
27.435
27.430
27.425
0
20
40
60
80
31.92
31.96
32.00

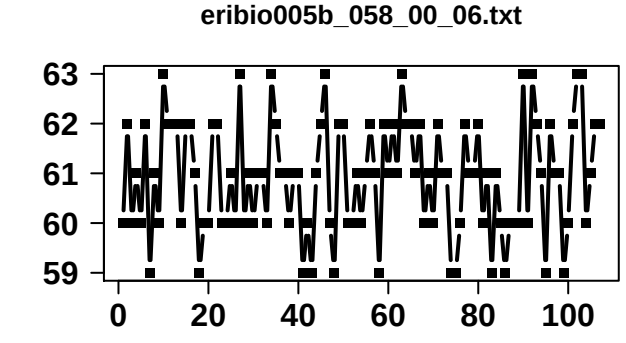

eribio005b_057_00_06.txt
63
62
61
60
59
58
0
20
40
60
80
CDOM, [CN] / Points @ x s

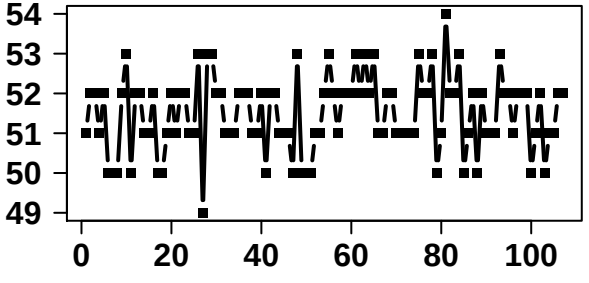

54
53
52
51
50
0
20
40
60
80
chl, [CN] / Points @ x s

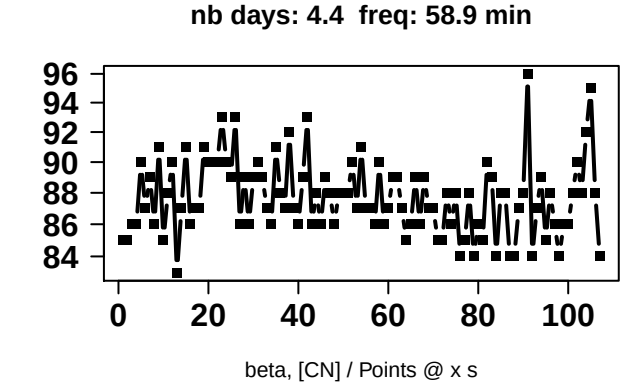

nb days: 3.5 freq: 53.1 min
115
110
105
100
95
90
85
0
20
40
60
80
beta, [CN] / Points @ x s

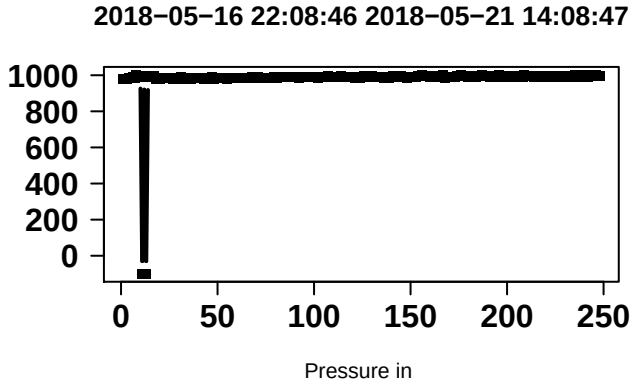

2018−05−12 00:22:06 2018−05−16 09:22:09
1000
800
600
400
200
0
0
50
100
150
200
Pressure in

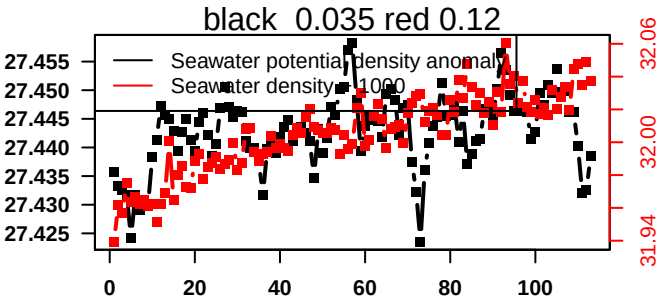

black 0.035 red 0.11
Seawater potential density anomaly
Seawater density − 1000
27.460
27.455
27.450
27.445
27.440
27.435
27.430
27.425
32.00
31.96
31.92
0
20
40
60
80
100

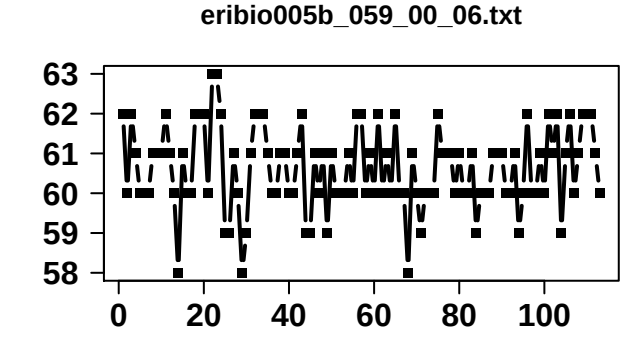

eribio005b_058_00_06.txt
63
62
61
60
59
0
20
40
60
80
100
CDOM, [CN] / Points @ x s

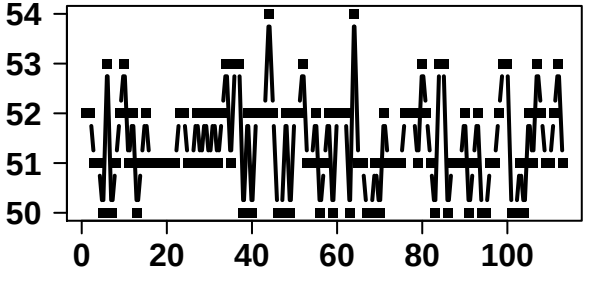

54
53
52
51
50
49
0
20
40
60
80
100
chl, [CN] / Points @ x s

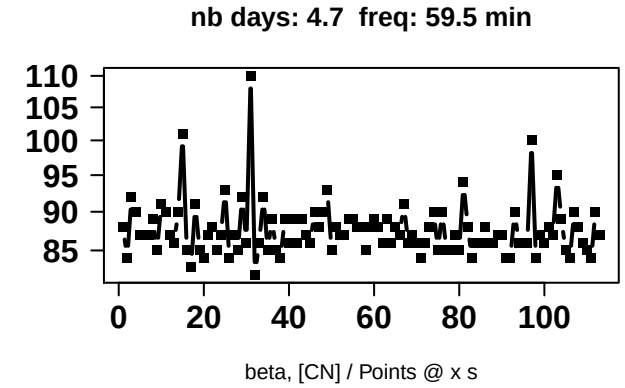

nb days: 4.4 freq: 58.9 min
96
94
92
90
88
86
84
0
20
40
60
80
100
beta, [CN] / Points @ x s

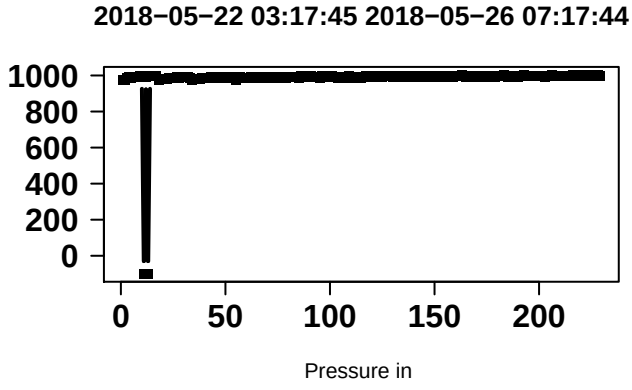

2018−05−16 22:08:46 2018−05−21 14:08:47
1000
800
600
400
200
0
0
50
100
150
200
250
Pressure in

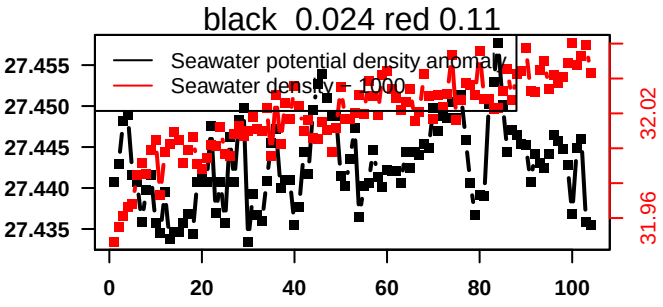

black 0.035 red 0.12
Seawater potential density anomaly
Seawater density − 1000
27.455
27.450
27.445
27.440
27.435
27.430
27.425
32.06
32.00
31.94
0
20
40
60
80
100

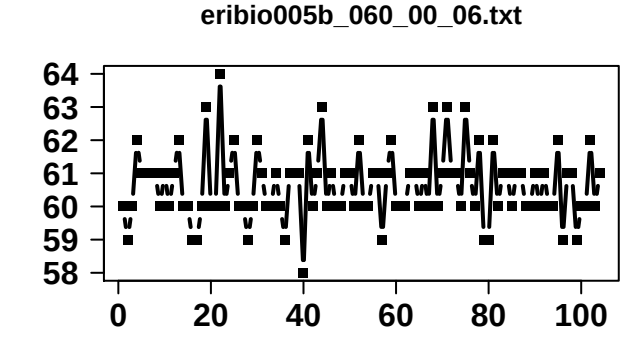

eribio005b_059_00_06.txt
63
62
61
60
59
58
0
20
40
60
80
100
CDOM, [CN] / Points @ x s

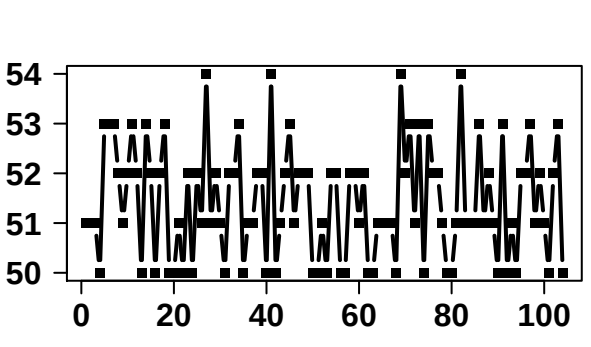

54
53
52
51
50
0
20
40
60
80
100
chl, [CN] / Points @ x s

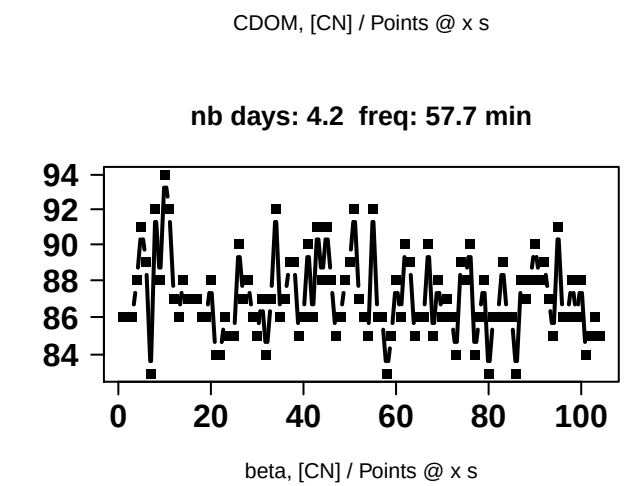

nb days: 4.7 freq: 59.5 min
110
105
100
95
90
85
0
20
40
60
80
100
beta, [CN] / Points @ x s

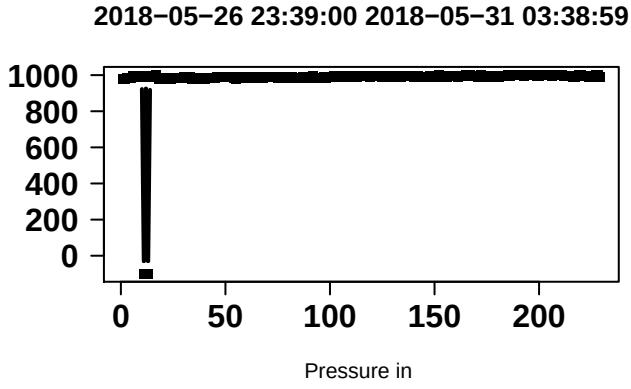

2018−05−22 03:17:45 2018−05−26 07:17:44
1000
800
600
400
200
0
0
50
100
150
200
Pressure in

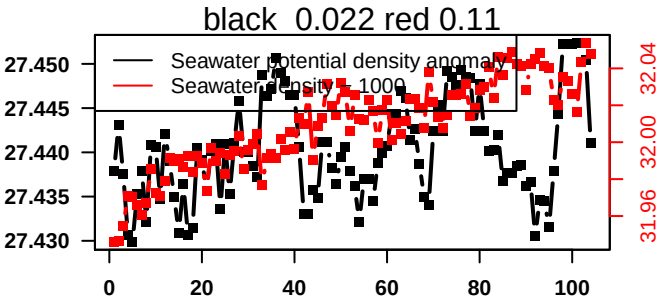

black 0.024 red 0.11
Seawater potential density anomaly
Seawater density − 1000
27.455
27.450
27.445
27.440
27.435
32.02
31.96
0
20
40
60
80
100

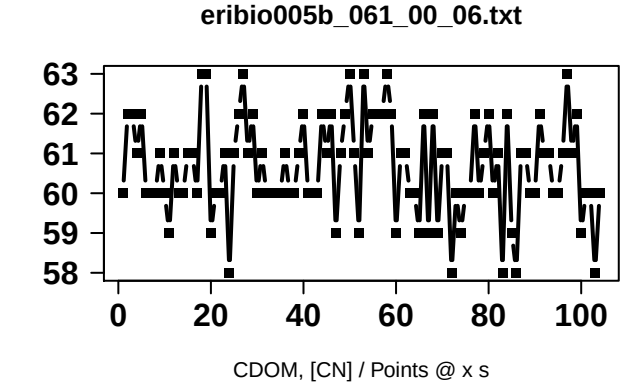

eribio005b_060_00_06.txt
64
63
62
61
60
59
58
0
20
40
60
80
100
CDOM, [CN] / Points @ x s

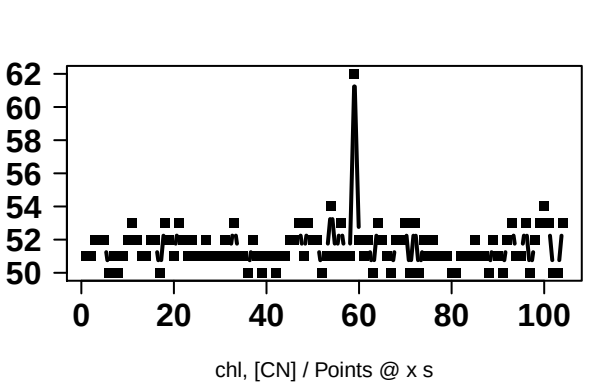

54
53
52
51
50
0
20
40
60
80
100
chl, [CN] / Points @ x s

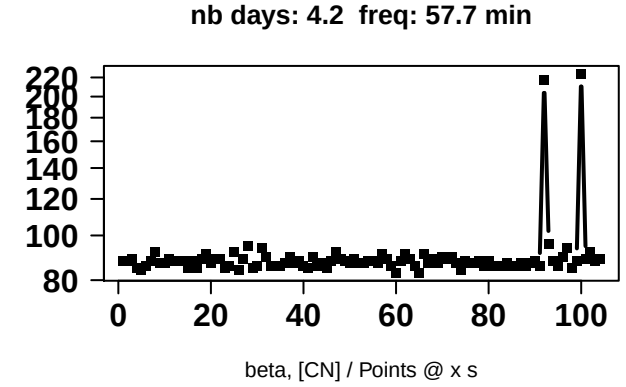

nb days: 4.2 freq: 57.7 min
94
92
90
88
86
84
0
20
40
60
80
100
beta, [CN] / Points @ x s

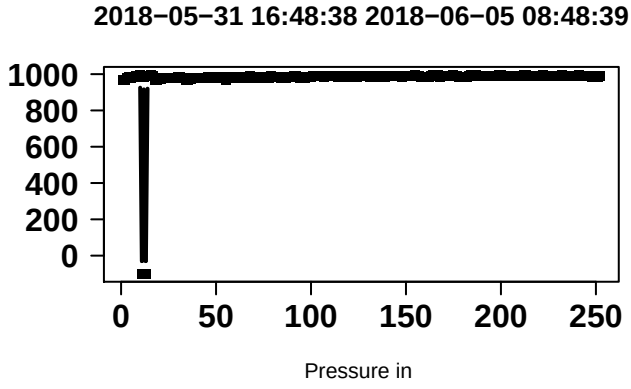

2018−05−26 23:39:00 2018−05−31 03:38:59
1000
800
600
400
200
0
0
50
100
150
200
Pressure in

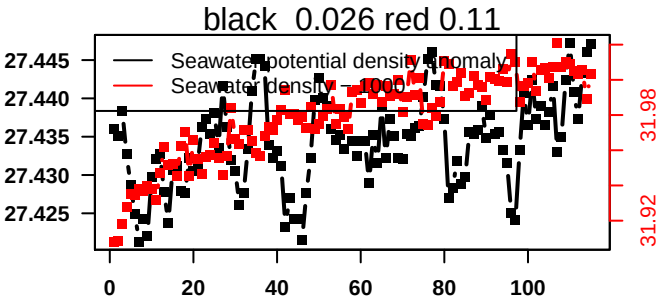

black 0.022 red 0.11
Seawater potential density anomaly
Seawater density − 1000
27.450
27.445
27.440
27.435
27.430
32.04
32.00
31.96
0
20
40
60
80
100

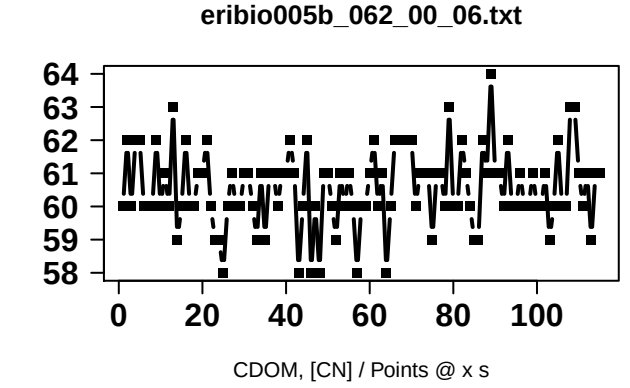

eribio005b_061_00_06.txt
63
62
61
60
59
58
0
20
40
60
80
100
CDOM, [CN] / Points @ x s

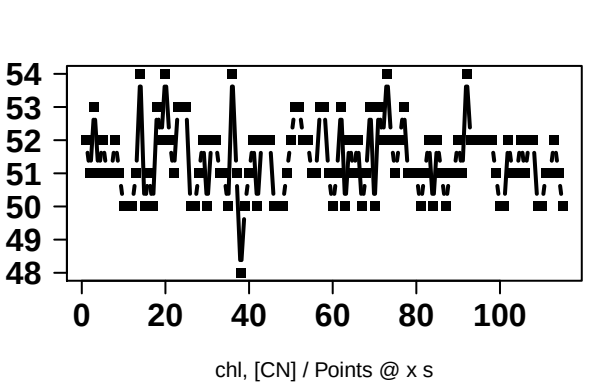

62
60
58
56
54
52
50
0
20
40
60
80
100
chl, [CN] / Points @ x s

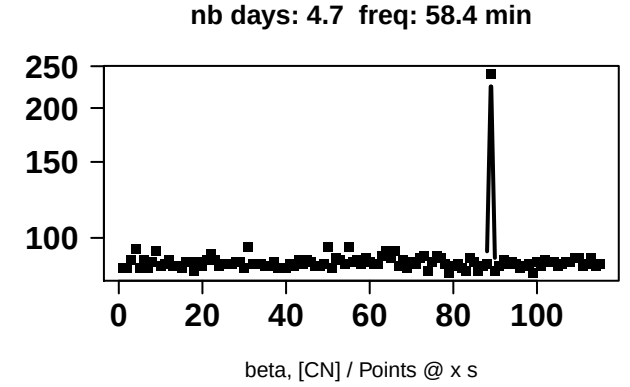

nb days: 4.2 freq: 57.7 min
220
200
180
160
140
120
100
80
0
20
40
60
80
100
beta, [CN] / Points @ x s

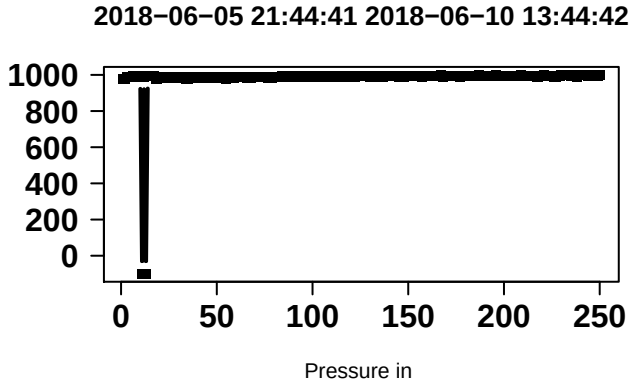

2018−05−31 16:48:38 2018−06−05 08:48:39
1000
800
600
400
200
0
0
50
100
150
200
250
Pressure in

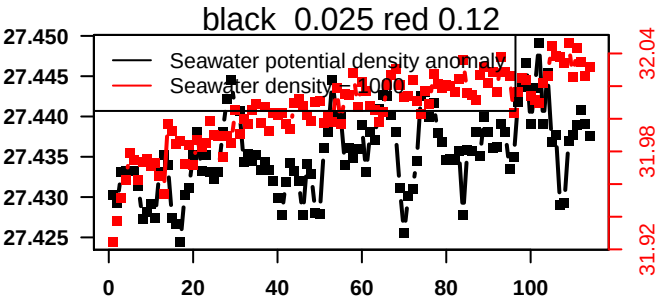

black 0.026 red 0.11
Seawater potential density anomaly
Seawater density − 1000
27.445
27.440
27.435
27.430
27.425
31.98
31.92
0
20
40
60
80
100

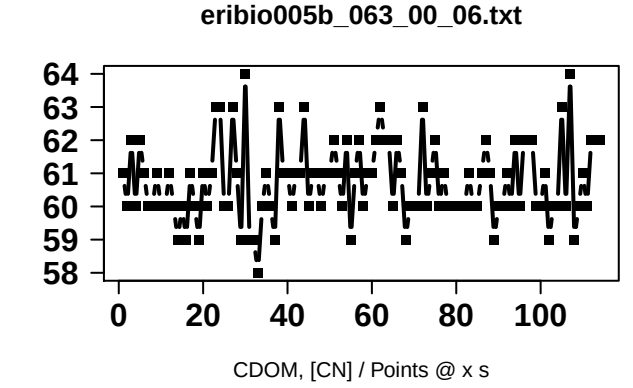

eribio005b_062_00_06.txt
64
63
62
61
60
59
58
0
20
40
60
80
100
CDOM, [CN] / Points @ x s

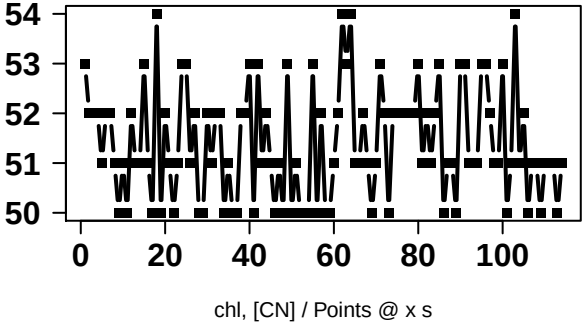

54
53
52
51
50
49
48
0
20
40
60
80
100
chl, [CN] / Points @ x s

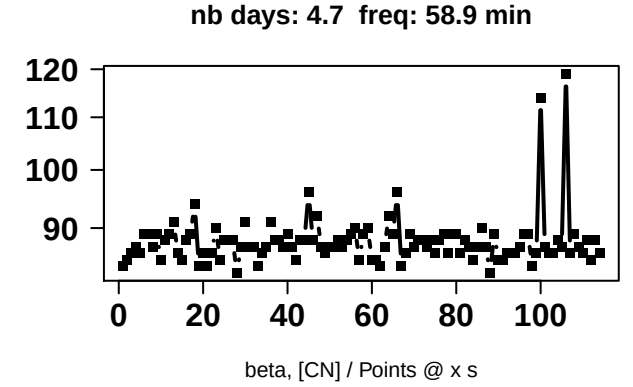

nb days: 4.7 freq: 58.4 min
250
200
150
100
0
20
40
60
80
100
beta, [CN] / Points @ x s

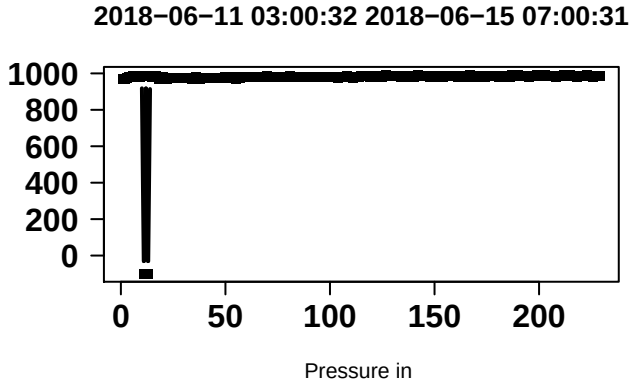

2018−06−05 21:44:41 2018−06−10 13:44:42
1000
800
600
400
200
0
0
50
100
150
200
250
Pressure in

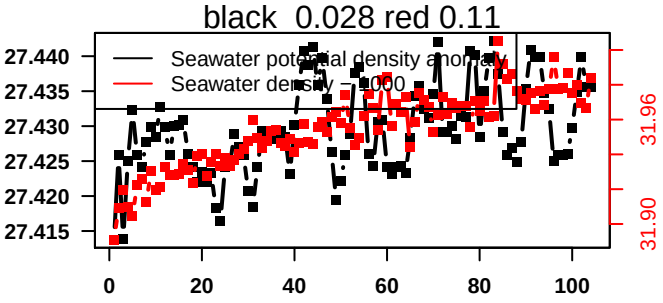

black 0.025 red 0.12
Seawater potential density anomaly
Seawater density − 1000
27.450
27.445
27.440
27.435
27.430
27.425
32.04
31.98
31.92
0
20
40
60
80
100

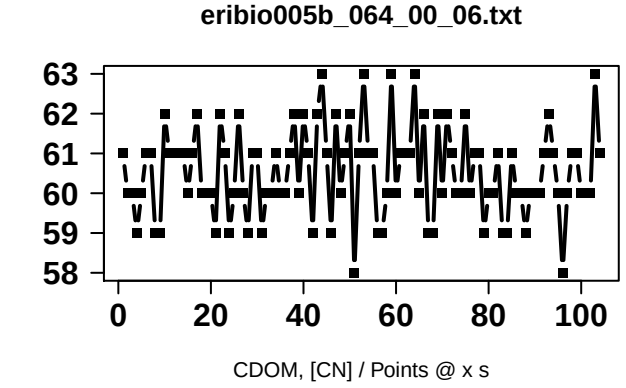

eribio005b_063_00_06.txt
64
63
62
61
60
59
58
0
20
40
60
80
100
CDOM, [CN] / Points @ x s

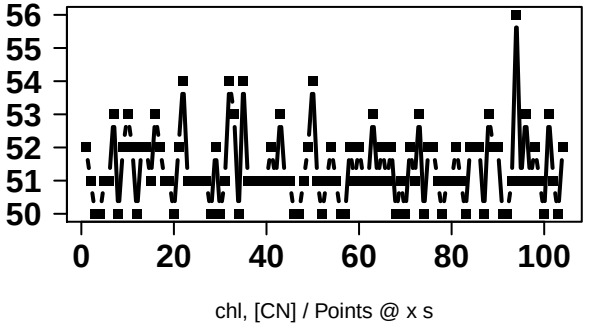

54
53
52
51
50
0
20
40
60
80
100
chl, [CN] / Points @ x s

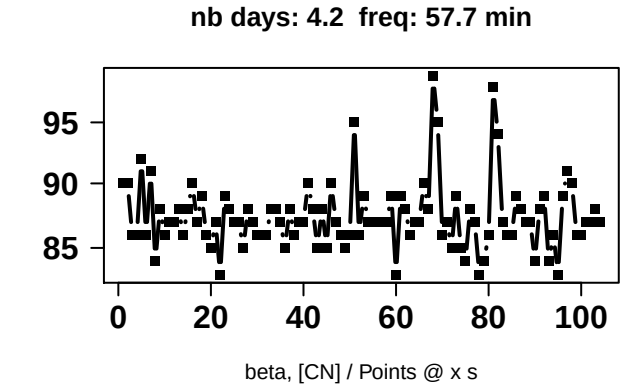

nb days: 4.7 freq: 58.9 min
120
110
100
90
0
20
40
60
80
100
beta, [CN] / Points @ x s

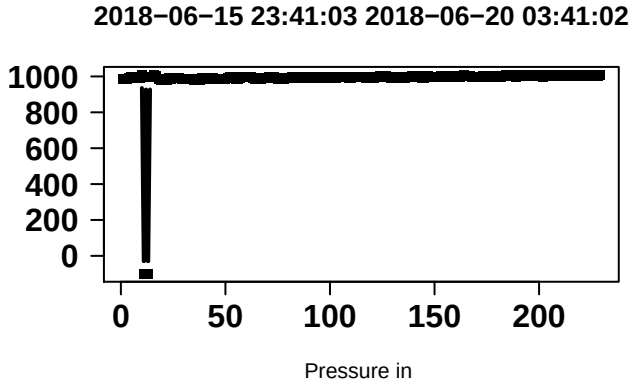

2018−06−11 03:00:32 2018−06−15 07:00:31
1000
800
600
400
200
0
0
50
100
150
200
Pressure in

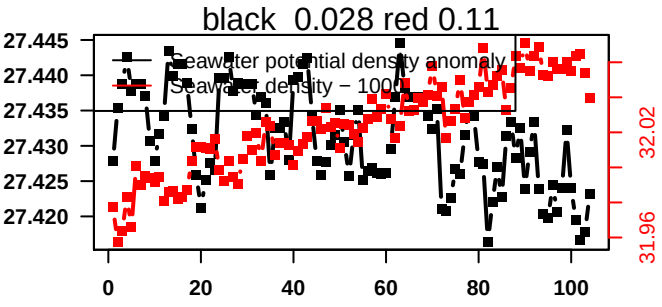

black 0.028 red 0.11
Seawater potential density anomaly
Seawater density − 1000
27.440
27.435
27.430
27.425
27.420
27.415
31.96
31.90
0
20
40
60
80
100

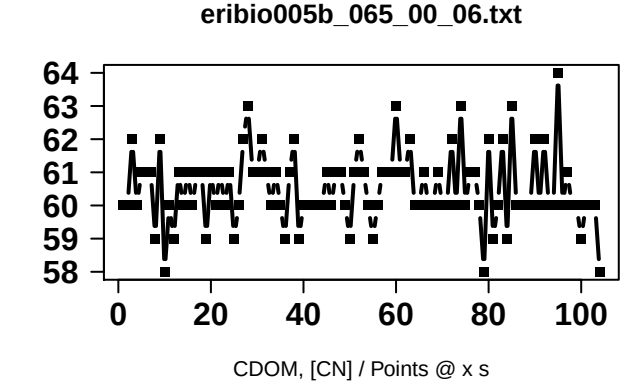

eribio005b_064_00_06.txt
63
62
61
60
59
58
0
20
40
60
80
100
CDOM, [CN] / Points @ x s

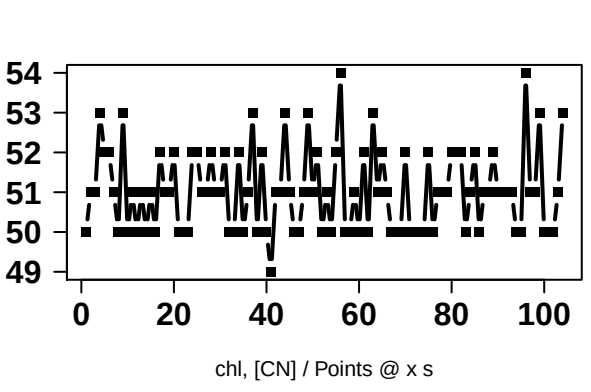

56
55
54
53
52
51
50
0
20
40
60
80
100
chl, [CN] / Points @ x s

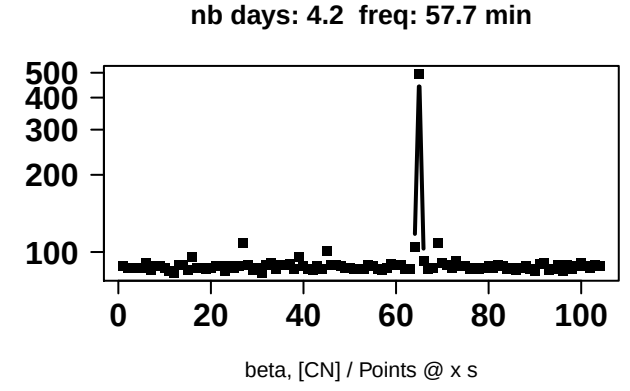

nb days: 4.2 freq: 57.7 min
95
90
85
0
20
40
60
80
100
beta, [CN] / Points @ x s

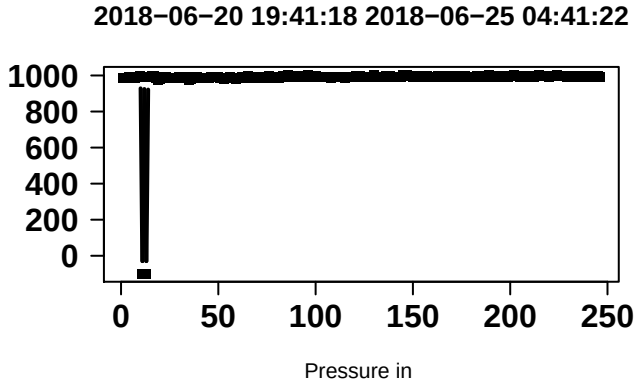

2018−06−15 23:41:03 2018−06−20 03:41:02
1000
800
600
400
200
0
0
50
100
150
200
Pressure in

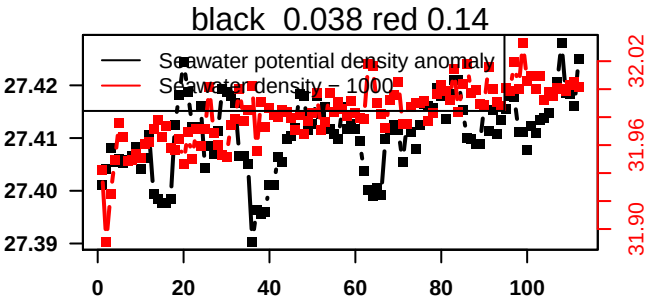

black 0.028 red 0.11
Seawater potential density anomaly
Seawater density − 1000
27.445
27.440
27.435
27.430
27.425
27.420
32.02
31.96
0
20
40
60
80
100

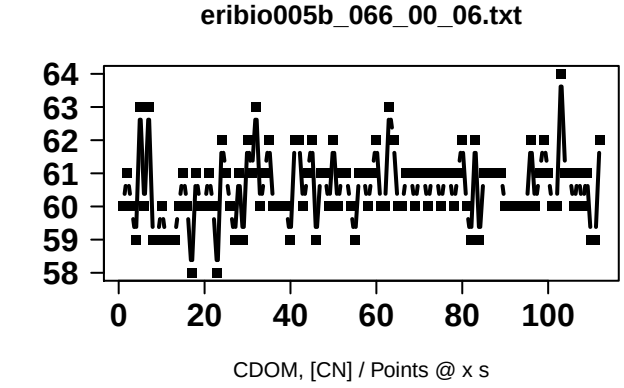

eribio005b_065_00_06.txt
64
63
62
61
60
59
58
0
20
40
60
80
100
CDOM, [CN] / Points @ x s

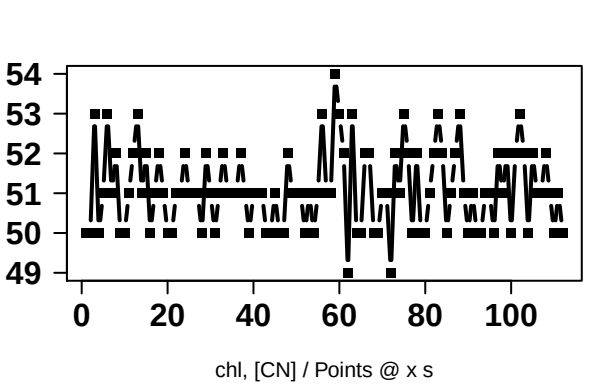

54
53
52
51
50
49
0
20
40
60
80
100
chl, [CN] / Points @ x s

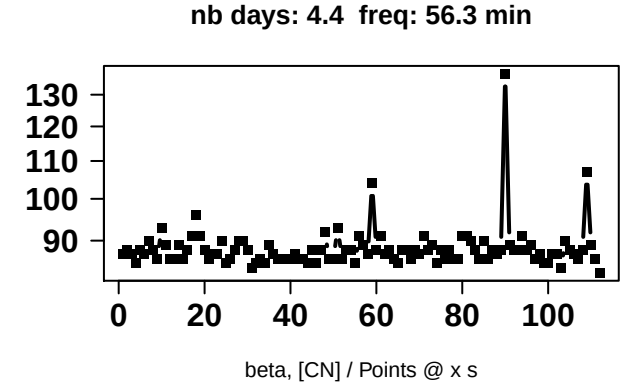

nb days: 4.2 freq: 57.7 min
500
400
300
200
100
0
20
40
60
80
100
beta, [CN] / Points @ x s

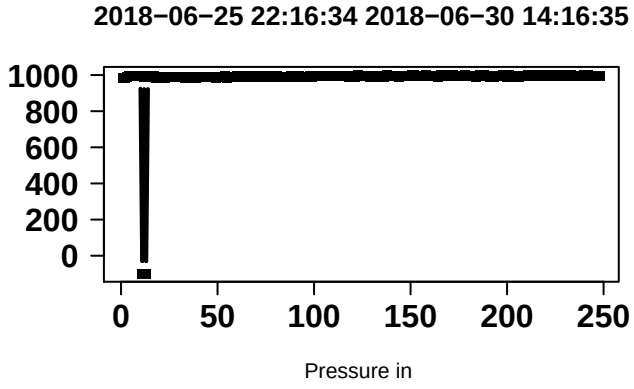

2018−06−20 19:41:18 2018−06−25 04:41:22
1000
800
600
400
200
0
0
50
100
150
200
250
Pressure in

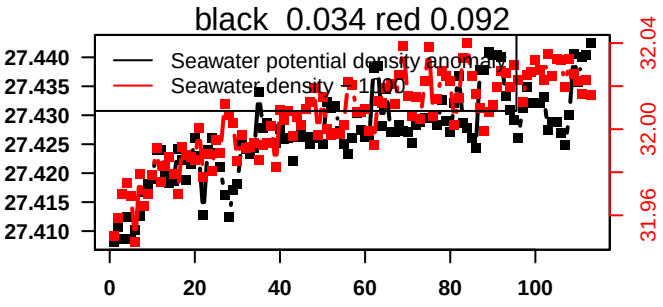

black 0.038 red 0.14
Seawater potential density anomaly
Seawater density − 1000
27.42
27.41
27.40
27.39
32.02
31.96
31.90
0
20
40
60
80
100

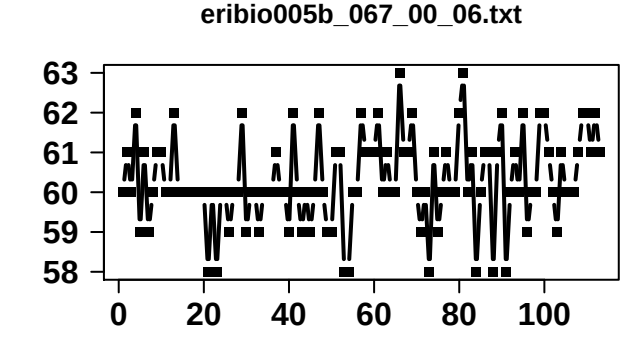

eribio005b_066_00_06.txt
64
63
62
61
60
59
58
0
20
40
60
80
100
CDOM, [CN] / Points @ x s

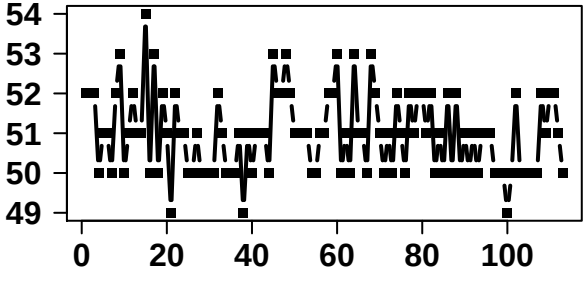

54
53
52
51
50
49
0
20
40
60
80
100
chl, [CN] / Points @ x s

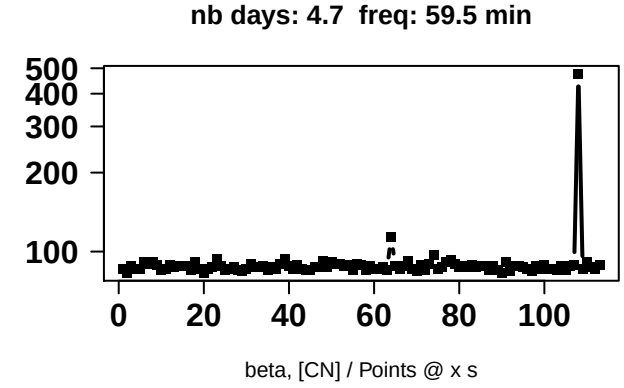

nb days: 4.4 freq: 56.3 min
130
120
110
100
90
0
20
40
60
80
100
beta, [CN] / Points @ x s

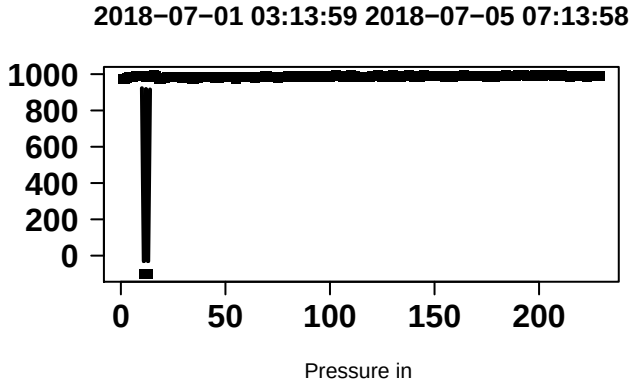

2018−06−25 22:16:34 2018−06−30 14:16:35
1000
800
600
400
200
0
0
50
100
150
200
250
Pressure in

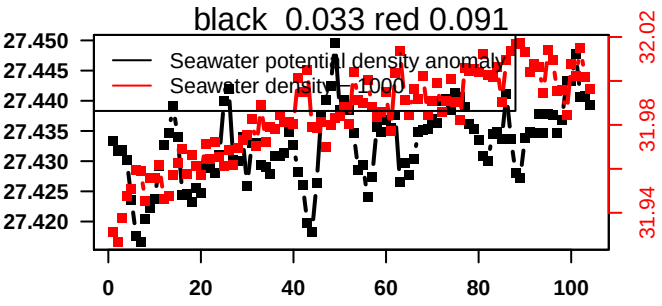

black 0.034 red 0.092
Seawater potential density anomaly
Seawater density − 1000
27.440
27.435
27.430
27.425
27.420
27.415
27.410
32.04
32.00
31.96
0
20
40
60
80
100

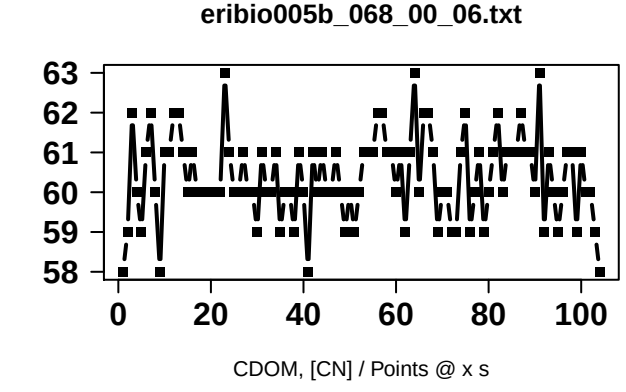

eribio005b_067_00_06.txt
63
62
61
60
59
58
0
20
40
60
80
100
CDOM, [CN] / Points @ x s

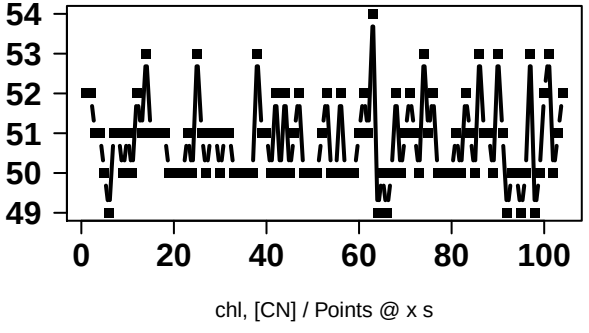

54
53
52
51
50
49
0
20
40
60
80
100
chl, [CN] / Points @ x s

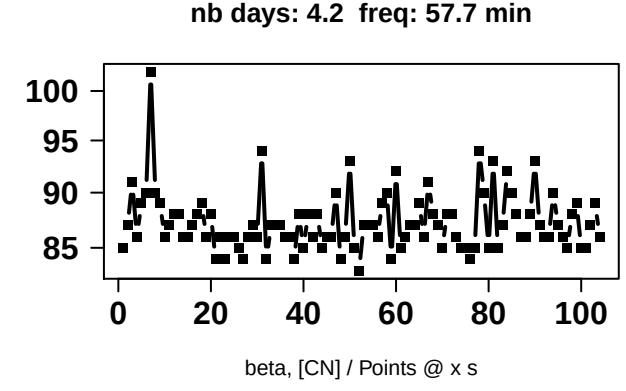

nb days: 4.7 freq: 59.5 min
500
400
300
200
100
0
20
40
60
80
100
beta, [CN] / Points @ x s

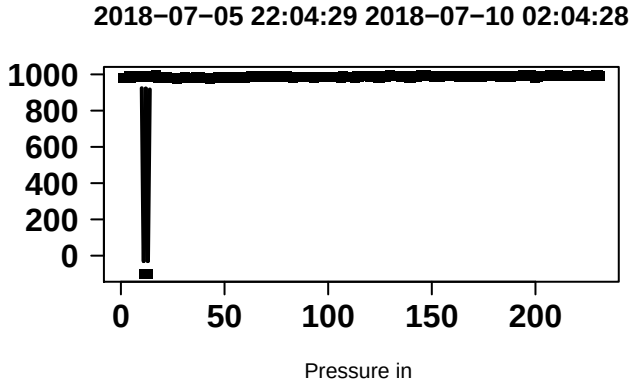

2018−07−01 03:13:59 2018−07−05 07:13:58
1000
800
600
400
200
0
0
50
100
150
200
Pressure in

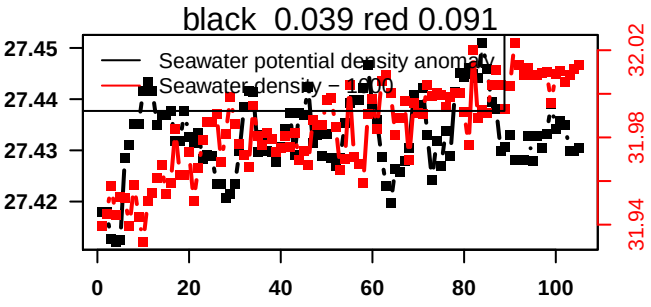

black 0.033 red 0.091
27.450
27.445
27.440
27.435
27.430
27.425
27.420
Seawater potential density anomaly
Seawater density − 1000
32.02
31.98
31.94
0
20
40
60
80
100

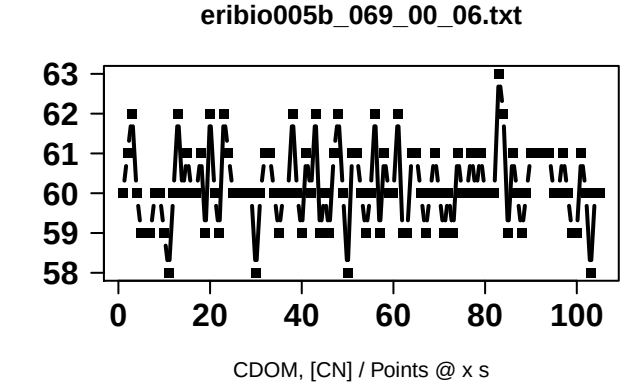

eribio005b_068_00_06.txt
63
62
61
60
59
58
0
20
40
60
80
100
CDOM, [CN] / Points @ x s

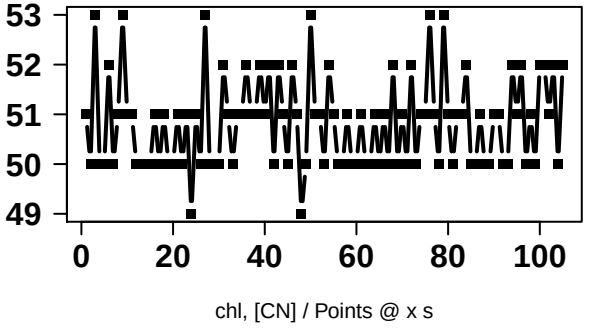

54
53
52
51
50
49
0
20
40
60
80
100
chl, [CN] / Points @ x s

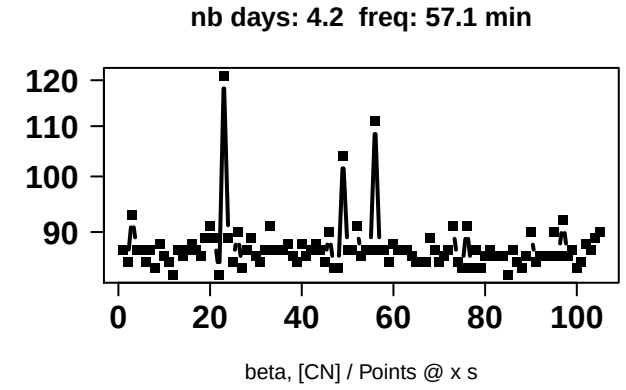

nb days: 4.2 freq: 57.7 min
100
95
90
85
0
20
40
60
80
100
beta, [CN] / Points @ x s

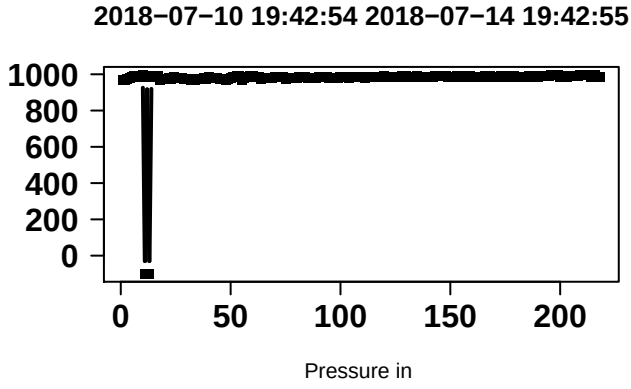

2018−07−05 22:04:29 2018−07−10 02:04:28
1000
800
600
400
200
0
0
50
100
150
200
Pressure in

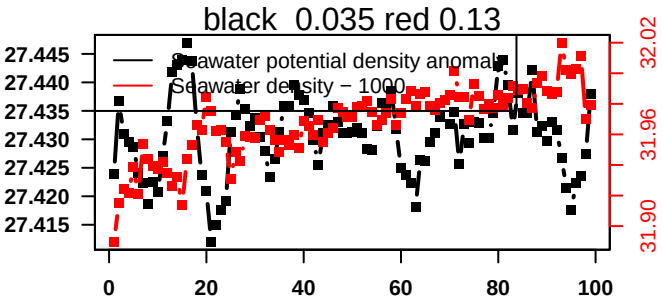

black 0.039 red 0.091
Seawater potential density anomaly
Seawater density − 1000
27.45
27.44
27.43
27.42
32.02
31.98
31.94
0
20
40
60
80
100

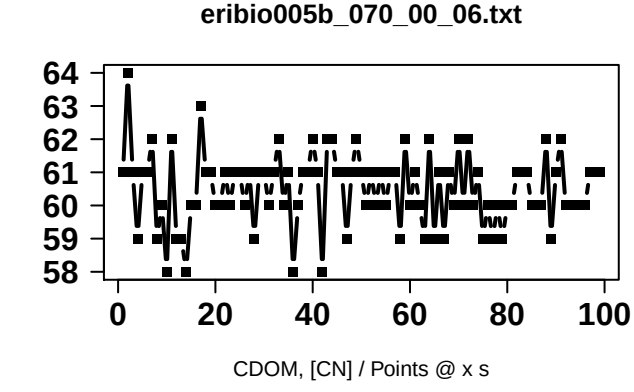

eribio005b_069_00_06.txt
63
62
61
60
59
58
0
20
40
60
80
100
CDOM, [CN] / Points @ x s

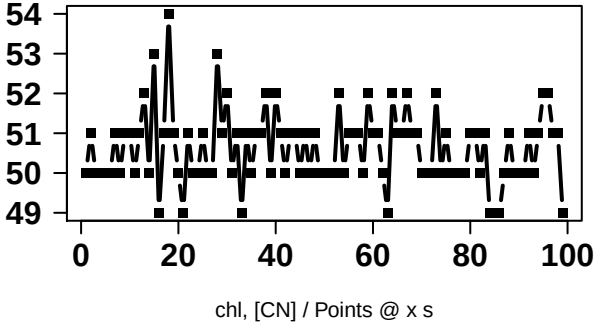

53
52
51
50
49
0
20
40
60
80
100
chl, [CN] / Points @ x s

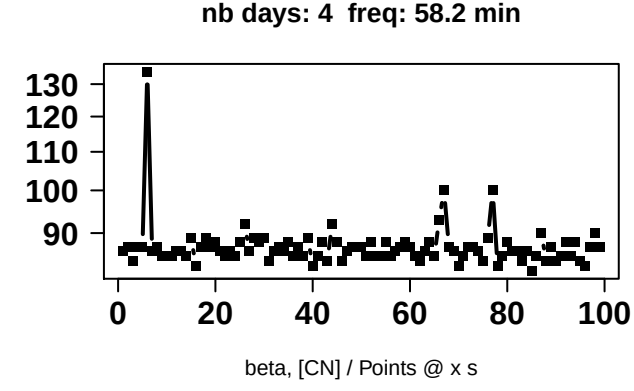

nb days: 4.2 freq: 57.1 min
120
110
100
90
0
20
40
60
80
100
beta, [CN] / Points @ x s

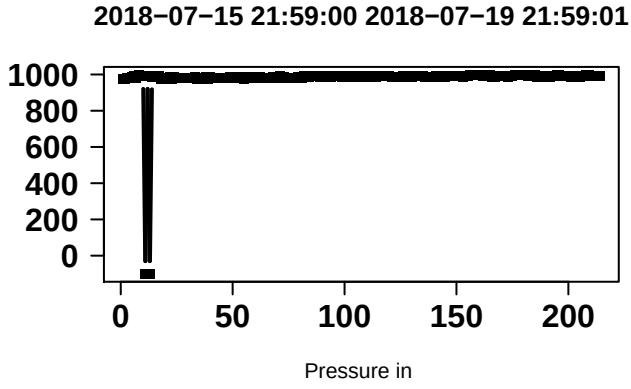

2018−07−10 19:42:54 2018−07−14 19:42:55
1000
800
600
400
200
0
0
50
100
150
200
Pressure in

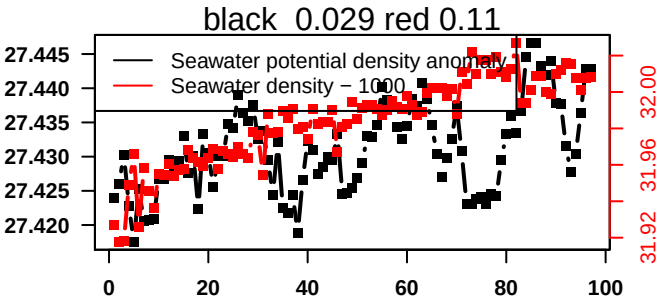

black 0.035 red 0.13
Seawater potential density anomaly
Seawater density − 1000
27.445
27.440
27.435
27.430
27.425
27.420
27.415
32.02
31.96
31.90
0
20
40
60
80
100

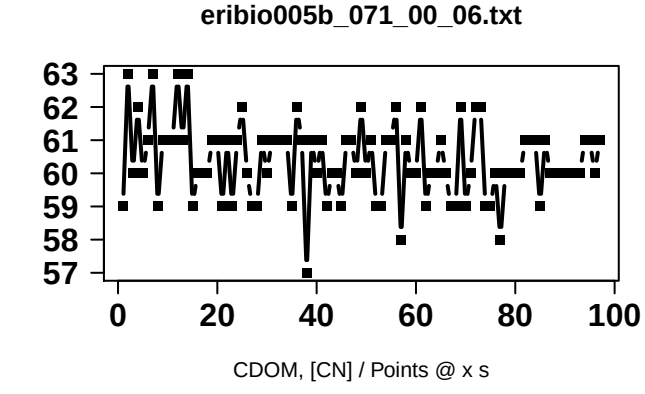

eribio005b_070_00_06.txt
64
63
62
61
60
59
58
0
20
40
60
80
100
CDOM, [CN] / Points @ x s

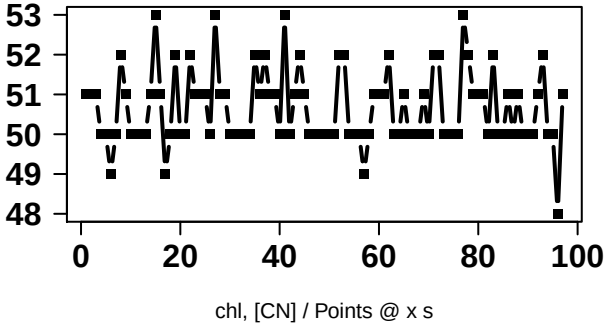

54
53
52
51
50
49
0
20
40
60
80
100
chl, [CN] / Points @ x s

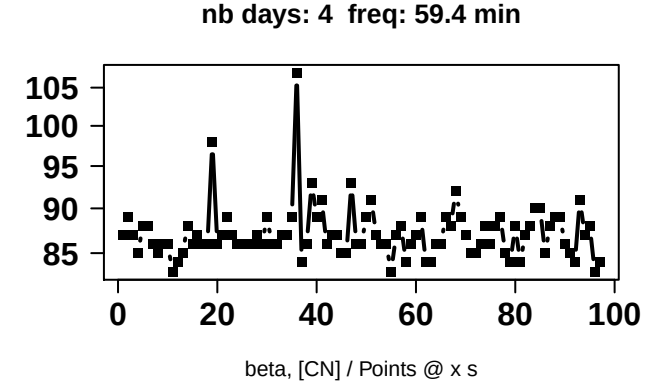

nb days: 4 freq: 58.2 min
130
120
110
100
90
0
20
40
60
80
100
beta, [CN] / Points @ x s

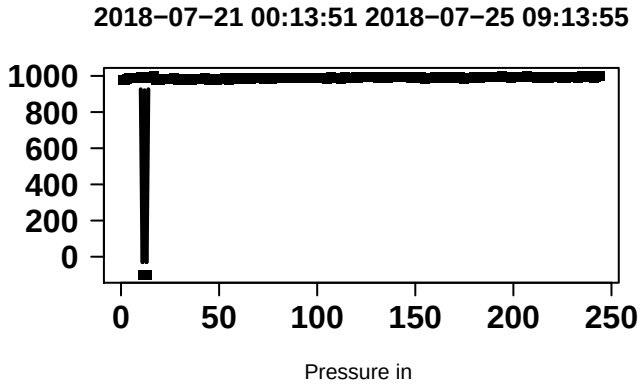

2018−07−15 21:59:00 2018−07−19 21:59:01
1000
800
600
400
200
0
0
50
100
150
200
Pressure in

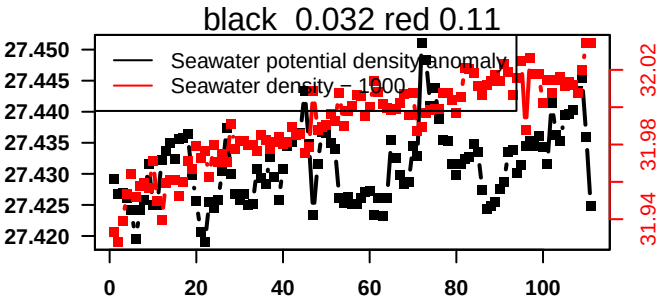

black 0.029 red 0.11
Seawater potential density anomaly
Seawater density − 1000
27.445
27.440
27.435
27.430
27.425
27.420
0
20
40
60
80
100
32.00
31.96
31.92

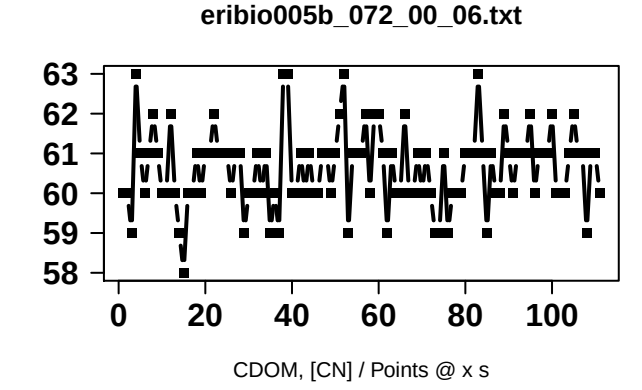

eribio005b_071_00_06.txt
63
62
61
60
59
58
57
0
20
40
60
80
100
CDOM, [CN] / Points @ x s

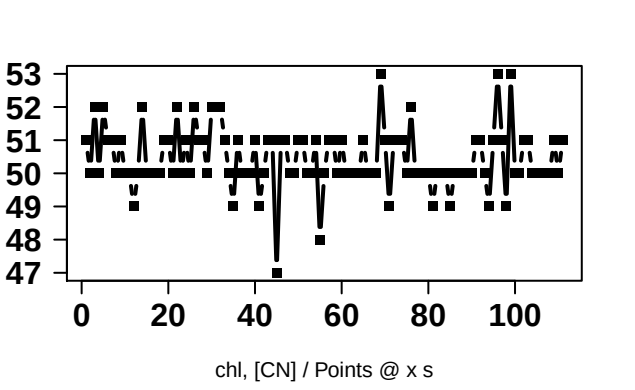

53
52
51
50
49
48
0
20
40
60
80
100
chl, [CN] / Points @ x s

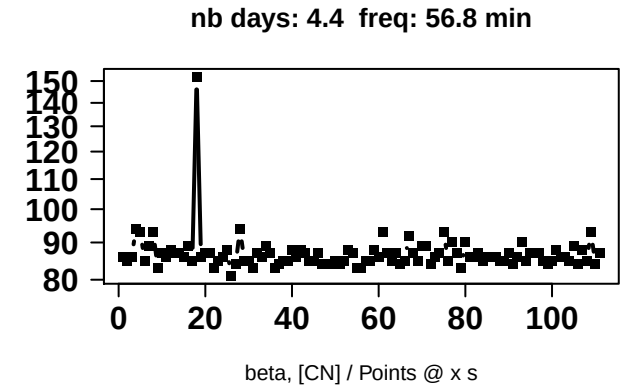

nb days: 4 freq: 59.4 min
105
100
95
90
85
0
20
40
60
80
100
beta, [CN] / Points @ x s

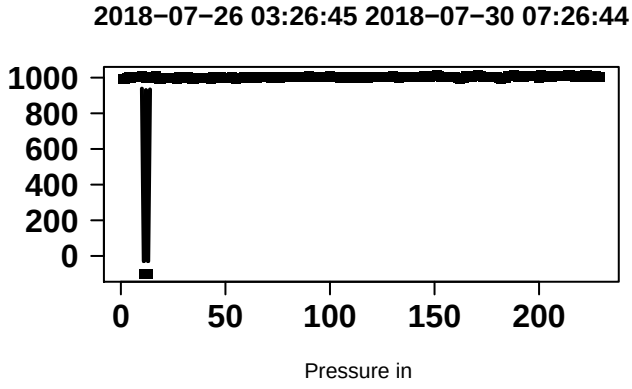

2018−07−21 00:13:51 2018−07−25 09:13:55
1000
800
600
400
200
0
0
50
100
150
200
250
Pressure in

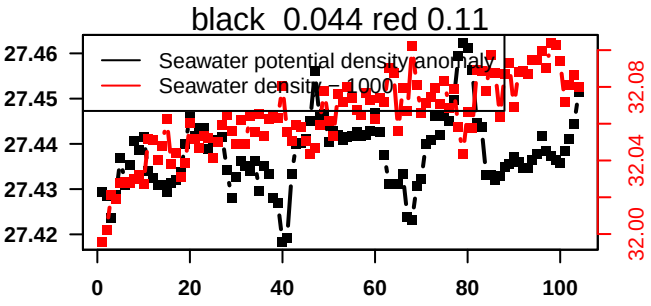

black 0.032 red 0.11
Seawater potential density anomaly
Seawater density − 1000
27.450
27.445
27.440
27.435
27.430
27.425
27.420
32.02
31.98
31.94
0
20
40
60
80
100

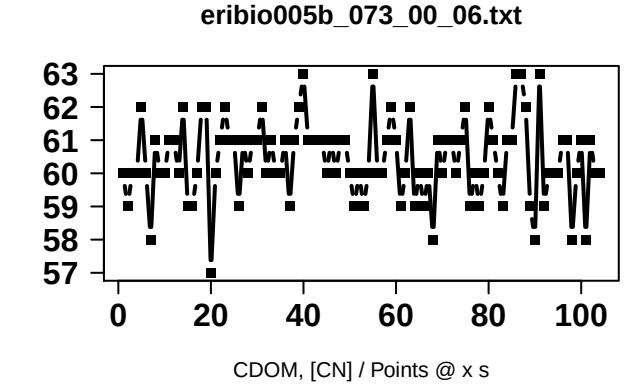

eribio005b_072_00_06.txt
63
62
61
60
59
58
0
20
40
60
80
100
CDOM, [CN] / Points @ x s

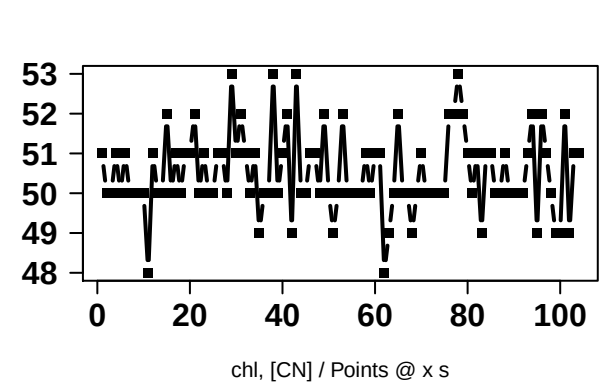

53
52
51
50
49
48
47
0
20
40
60
80
100
chl, [CN] / Points @ x s

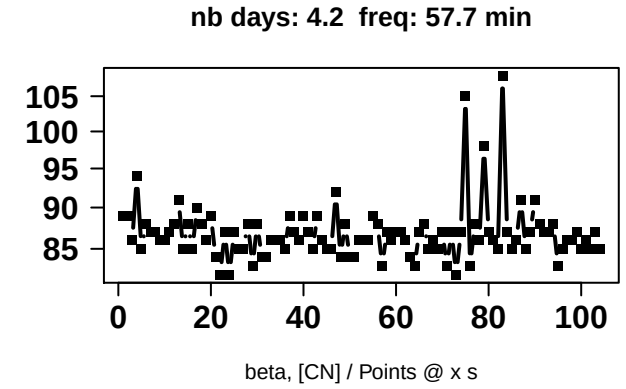

nb days: 4.4 freq: 56.8 min
150
140
130
120
110
100
90
80
0
20
40
60
80
100
beta, [CN] / Points @ x s

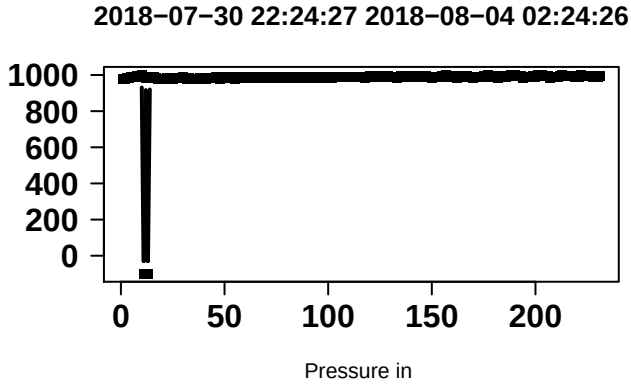

2018−07−26 03:26:45 2018−07−30 07:26:44
1000
800
600
400
200
0
0
50
100
150
200
Pressure in

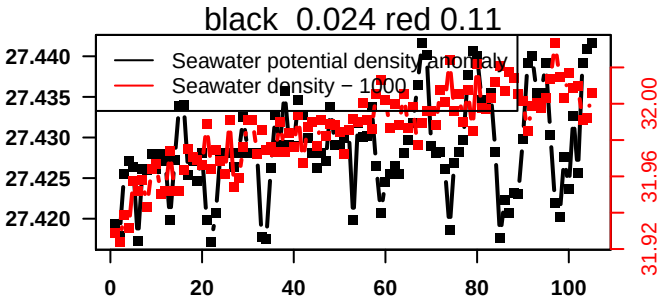

black 0.044 red 0.11
Seawater potential density anomaly
Seawater density − 1000
27.46
27.45
27.44
27.43
27.42
32.08
32.04
32.00
0
20
40
60
80
100

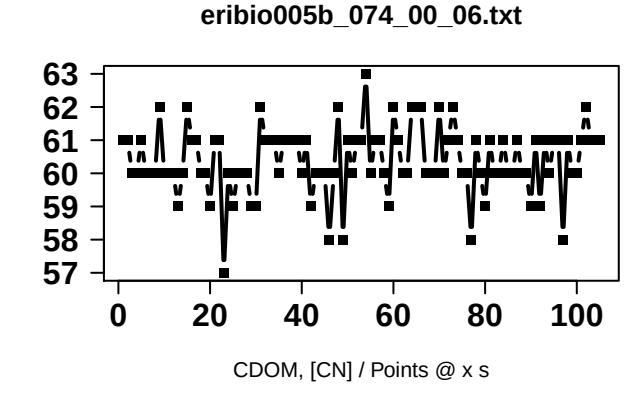

eribio005b_073_00_06.txt
63
62
61
60
59
58
57
0
20
40
60
80
100
CDOM, [CN] / Points @ x s

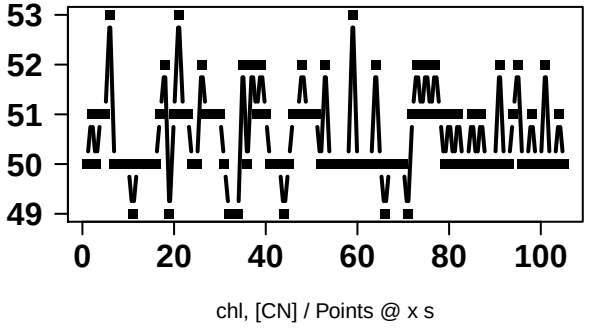

53
52
51
50
49
48
0
20
40
60
80
100
chl, [CN] / Points @ x s

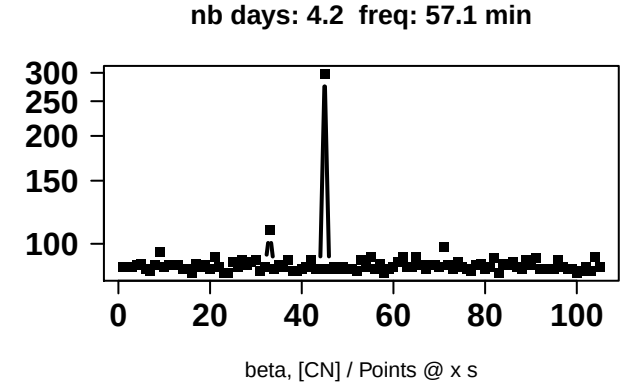

nb days: 4.2 freq: 57.7 min
105
100
95
90
85
0
20
40
60
80
100
beta, [CN] / Points @ x s

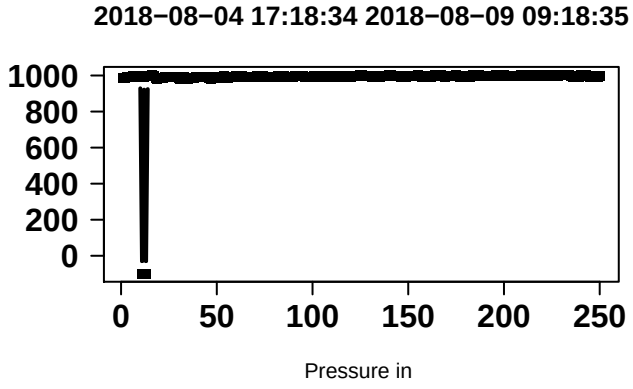

2018−07−30 22:24:27 2018−08−04 02:24:26
1000
800
600
400
200
0
0
50
100
150
200
Pressure in

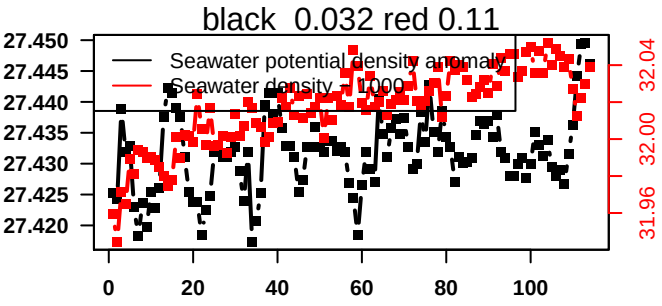

black 0.024 red 0.11
Seawater potential density anomaly
Seawater density − 1000
27.440
27.435
27.430
27.425
27.420
0
20
40
60
80
100
32.00
31.96
31.92

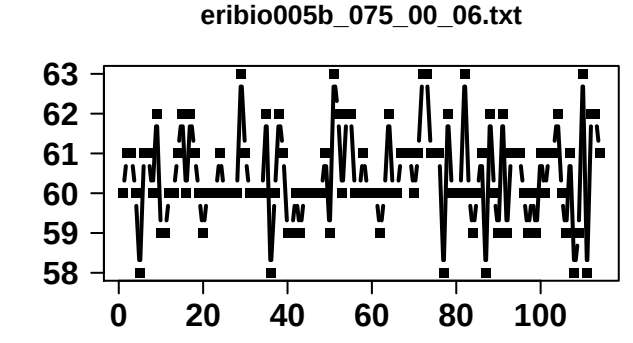

eribio005b_074_00_06.txt
63
62
61
60
59
58
57
0
20
40
60
80
100
CDOM, [CN] / Points @ x s

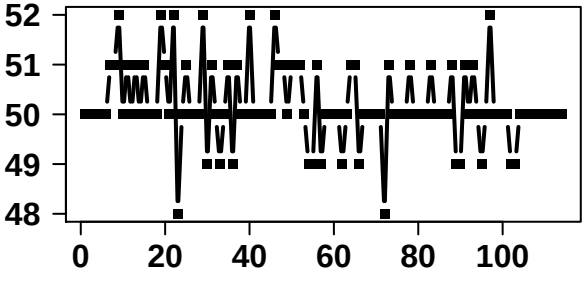

53
52
51
50
49
0
20
40
60
80
100
chl, [CN] / Points @ x s

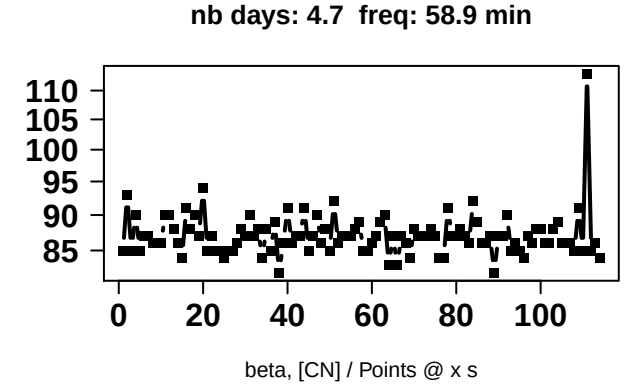

nb days: 4.2 freq: 57.1 min
300
250
200
150
100
0
20
40
60
80
100
beta, [CN] / Points @ x s

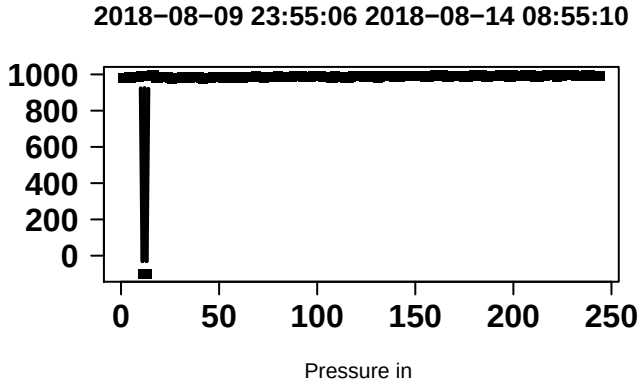

2018−08−04 17:18:34 2018−08−09 09:18:35
1000
800
600
400
200
0
0
50
100
150
200
250
Pressure in

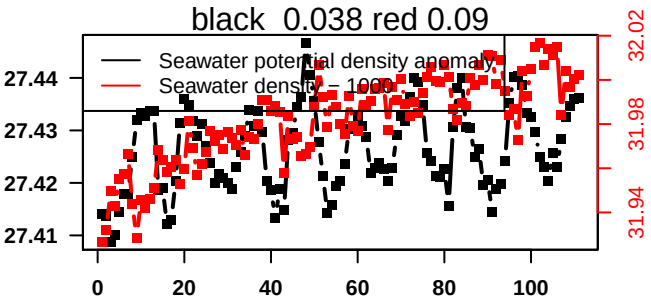

black 0.032 red 0.11
27.450
27.445
27.440
27.435
27.430
27.425
27.420
Seawater potential density anomaly
Seawater density − 1000
32.04
32.00
31.96
0
20
40
60
80
100

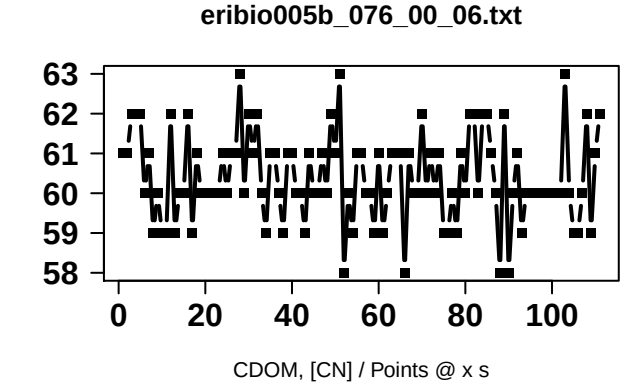

eribio005b_075_00_06.txt
63
62
61
60
59
58
0
20
40
60
80
100
CDOM, [CN] / Points @ x s

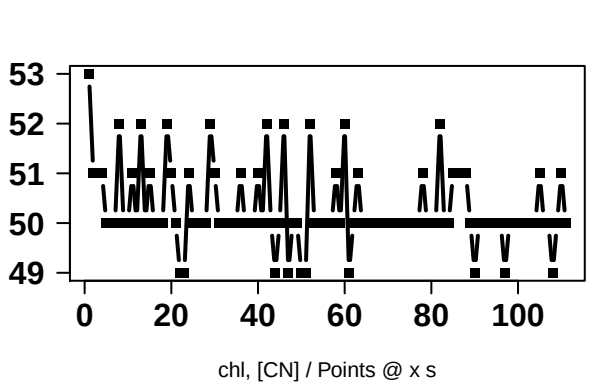

52
51
50
49
48
0
20
40
60
80
100
chl, [CN] / Points @ x s

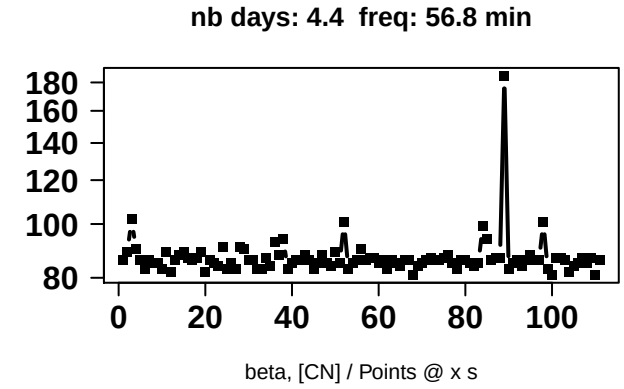

nb days: 4.7 freq: 58.9 min
110
105
100
95
90
85
0
20
40
60
80
100
beta, [CN] / Points @ x s

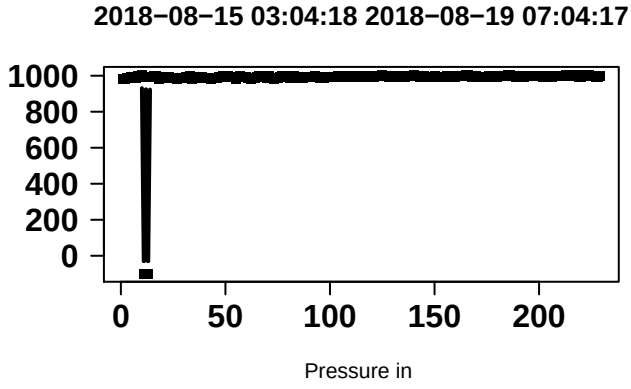

2018−08−09 23:55:06 2018−08−14 08:55:10
1000
800
600
400
200
0
0
50
100
150
200
250
Pressure in

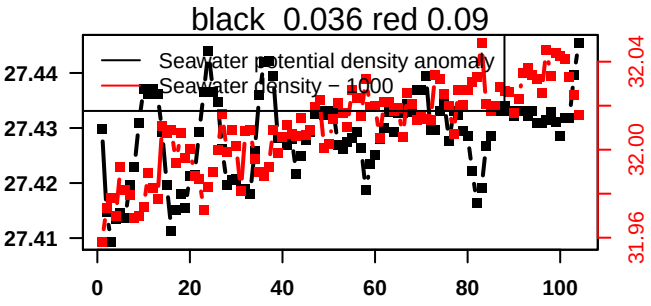

black 0.038 red 0.09
Seawater potential density anomaly
Seawater densit − 1000
27.44
27.43
27.42
27.41
32.02
31.98
31.94
0
20
40
60
80
100

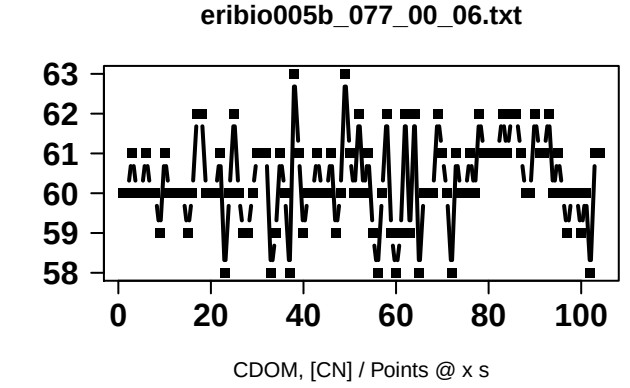

eribio005b_076_00_06.txt
63
62
61
60
59
58
0
20
40
60
80
100
CDOM, [CN] / Points @ x s

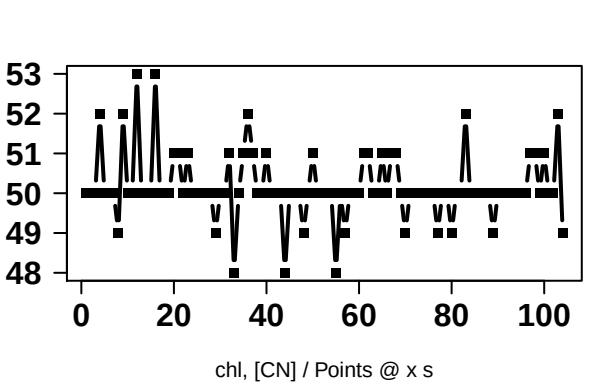

53
52
51
50
49
0
20
40
60
80
100
chl, [CN] / Points @ x s

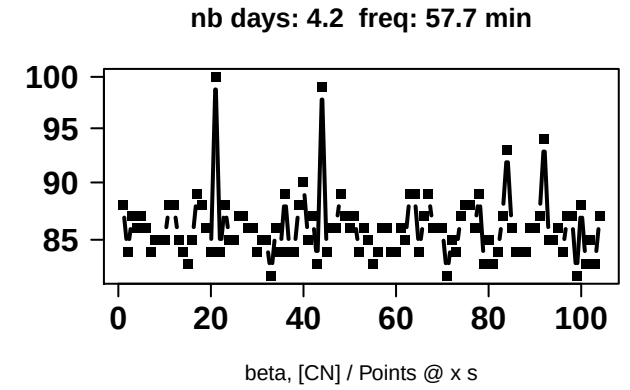

nb days: 4.4 freq: 56.8 min
180
160
140
120
100
80
0
20
40
60
80
100
beta, [CN] / Points @ x s

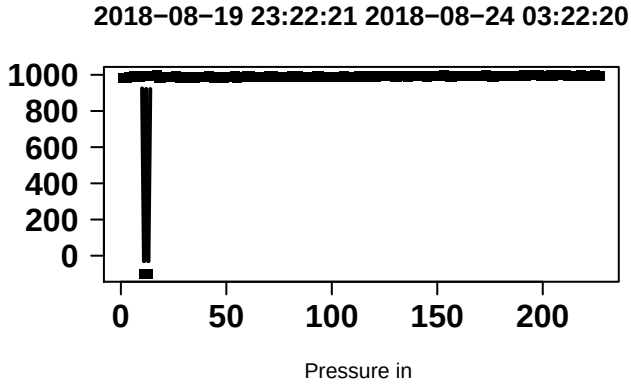

2018−08−15 03:04:18 2018−08−19 07:04:17
1000
800
600
400
200
0
0
50
100
150
200
Pressure in

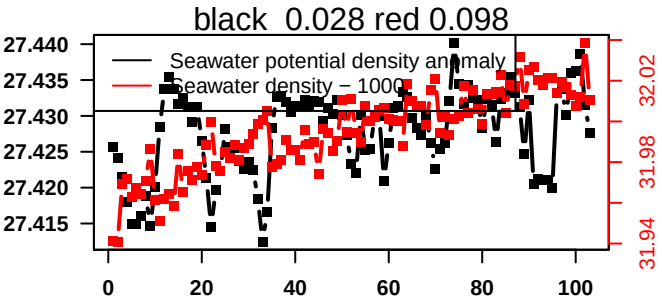

black 0.036 red 0.09
Seawater potential density anomaly
Seawater density − 1000
27.44
27.43
27.42
27.41
32.04
32.00
31.96
0
20
40
60
80
100

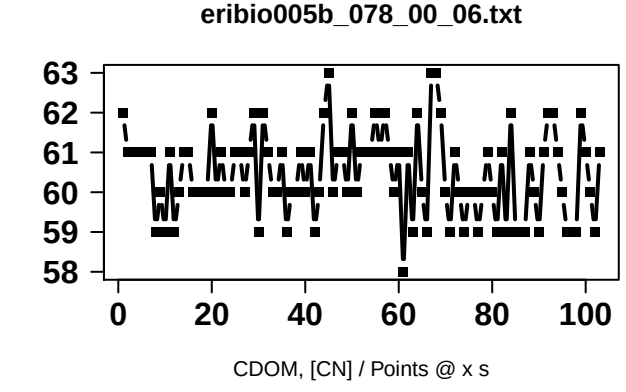

eribio005b_077_00_06.txt
63
62
61
60
59
58
0
20
40
60
80
100
CDOM, [CN] / Points @ x s

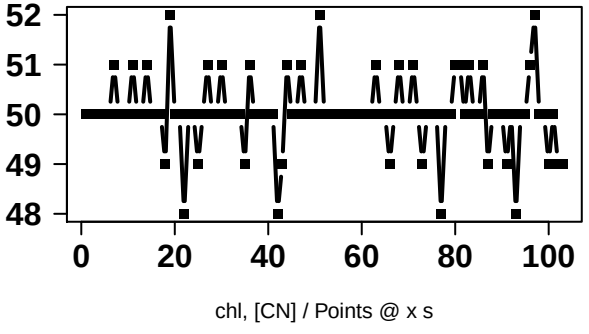

53
52
51
50
49
48
0
20
40
60
80
100
chl, [CN] / Points @ x s

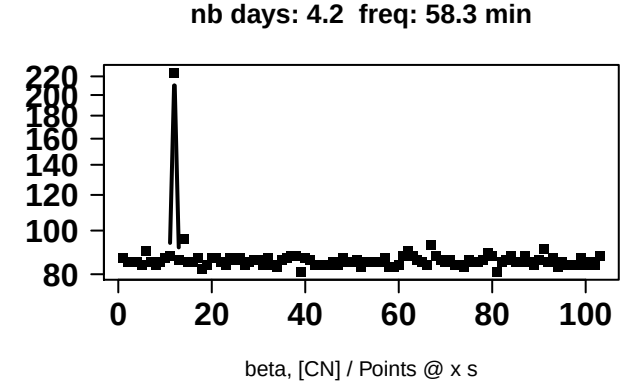

nb days: 4.2 freq: 57.7 min
100
95
90
85
0
20
40
60
80
100
beta, [CN] / Points @ x s

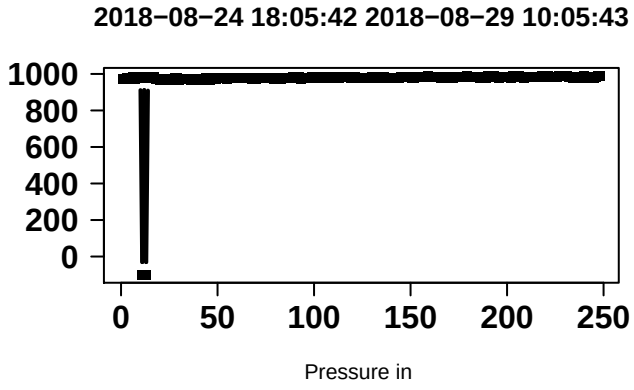

2018−08−19 23:22:21 2018−08−24 03:22:20
1000
800
600
400
200
0
0
50
100
150
200
Pressure in

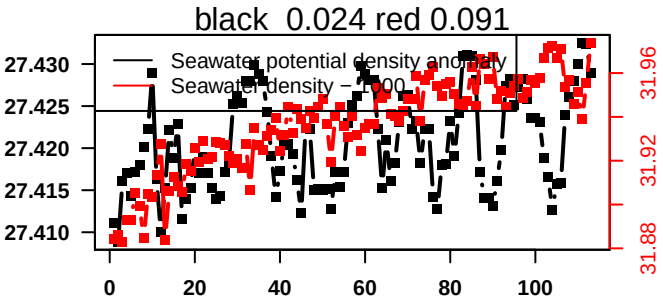

black 0.028 red 0.098
Seawater potential density anomaly
Seawater density − 1000
27.440
27.435
27.430
27.425
27.420
27.415
32.02
31.98
31.94
0
20
40
60
80
100

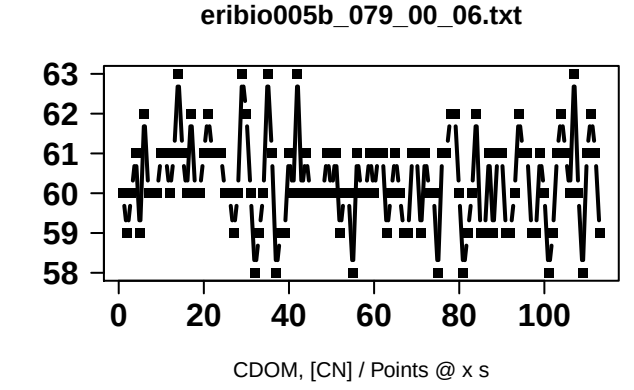

eribio005b_078_00_06.txt
63
62
61
60
59
58
0
20
40
60
80
100
CDOM, [CN] / Points @ x s

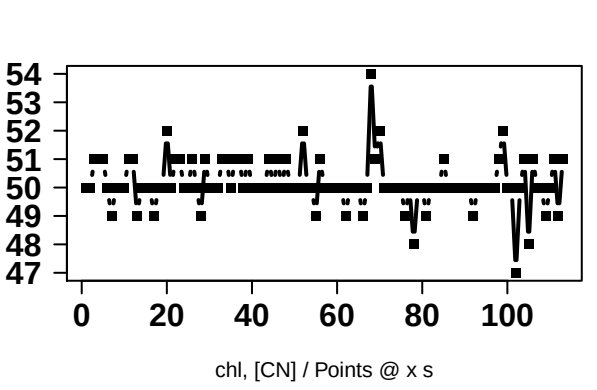

52
51
50
49
48
0
20
40
60
80
100
chl, [CN] / Points @ x s

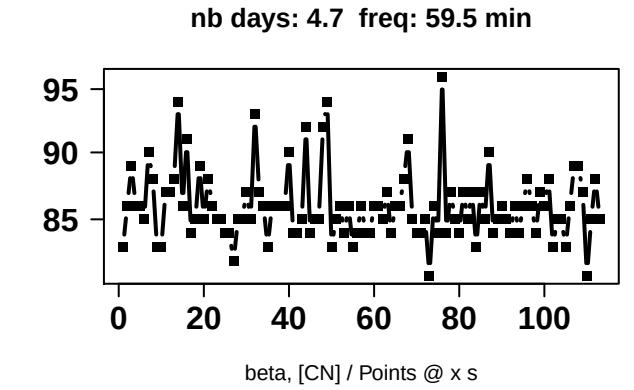

nb days: 4.2 freq: 58.3 min
220
200
180
160
140
120
100
80
0
20
40
60
80
100
beta, [CN] / Points @ x s

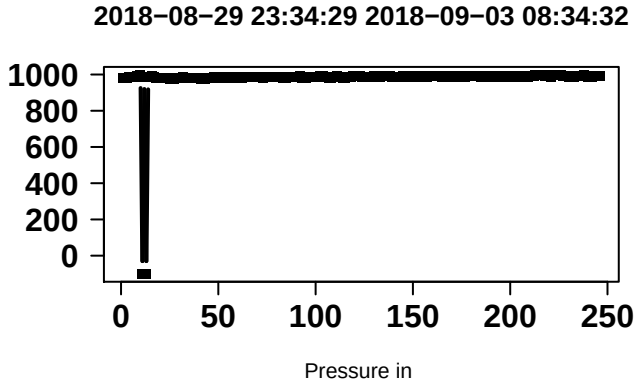

2018−08−24 18:05:42 2018−08−29 10:05:43
1000
800
600
400
200
0
0
50
100
150
200
250
Pressure in

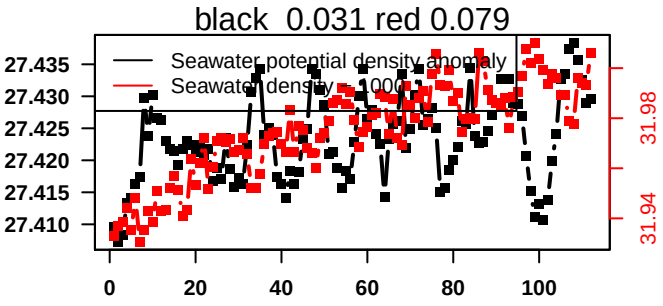

black 0.024 red 0.091
Seawater potential density anomaly
Seawater density − 1000
27.430
27.425
27.420
27.415
27.410
31.96
31.92
31.88
0
20
40
60
80
100

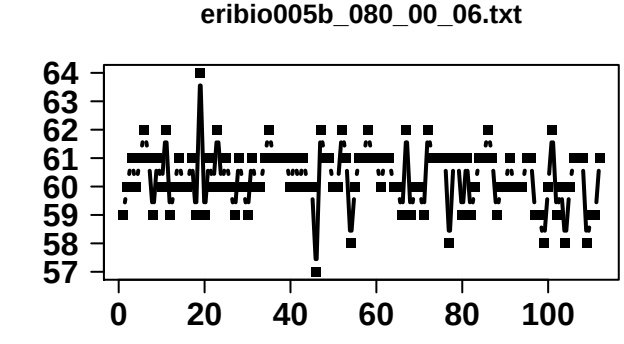

eribio005b_079_00_06.txt
63
62
61
60
59
58
0
20
40
60
80
100
CDOM, [CN] / Points @ x s

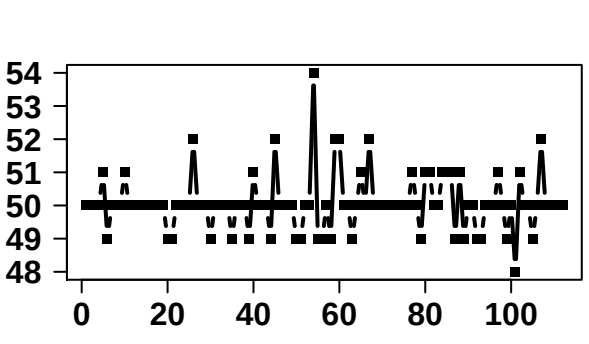

54
53
52
51
50
49
48
47
0
20
40
60
80
100
chl, [CN] / Points @ x s

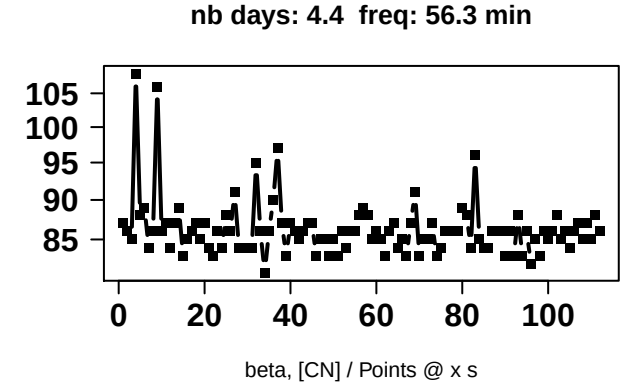

nb days: 4.7 freq: 59.5 min
95
90
85
0
20
40
60
80
100
beta, [CN] / Points @ x s

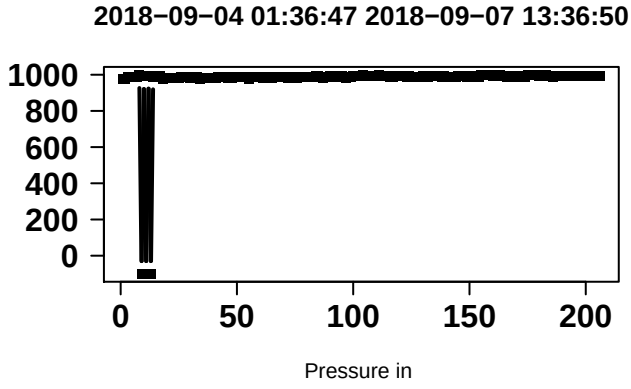

2018−08−29 23:34:29 2018−09−03 08:34:32
1000
800
600
400
200
0
0
50
100
150
200
250
Pressure in

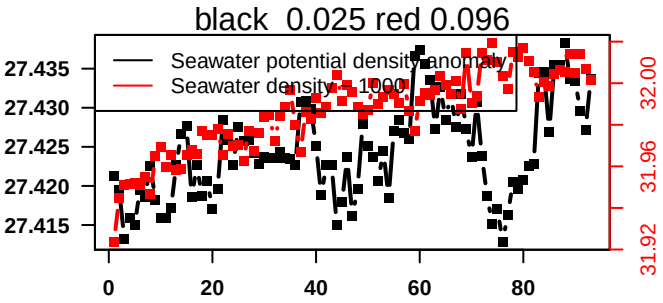

black 0.031 red 0.079
Seawater potential density anomaly
Seawater density − 1000
27.435
27.430
27.425
27.420
27.415
27.410
31.98
31.94
0
20
40
60
80
100

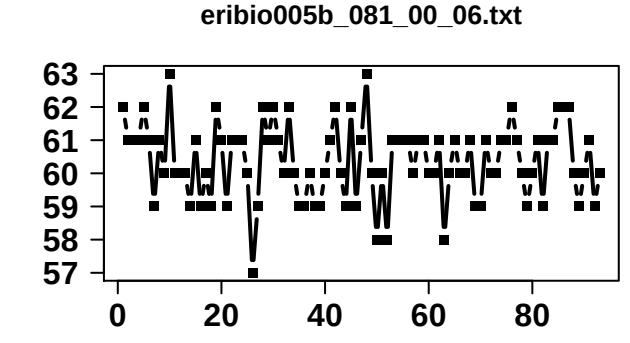

eribio005b_080_00_06.txt
64
63
62
61
60
59
58
57
0
20
40
60
80
100
CDOM, [CN] / Points @ x s

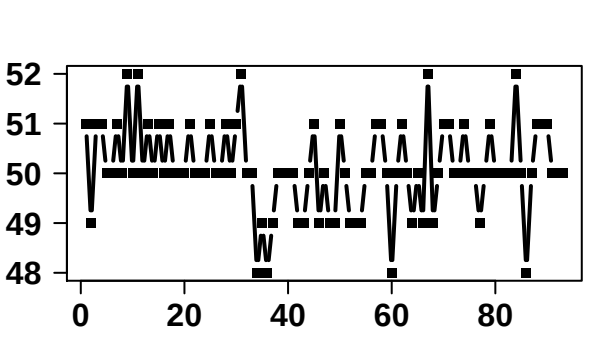

54
53
52
51
50
49
48
0
20
40
60
80
100
chl, [CN] / Points @ x s

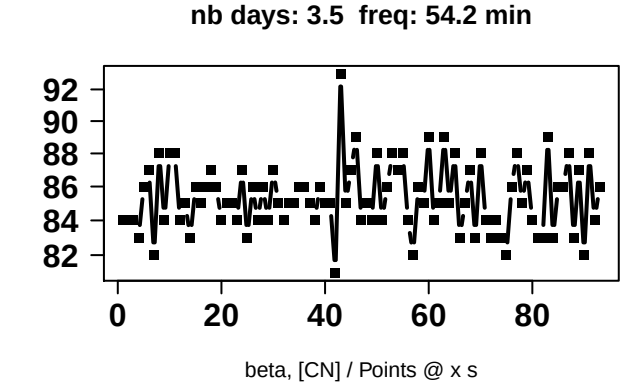

nb days: 4.4 freq: 56.3 min
105
100
95
90
85
0
20
40
60
80
100
beta, [CN] / Points @ x s

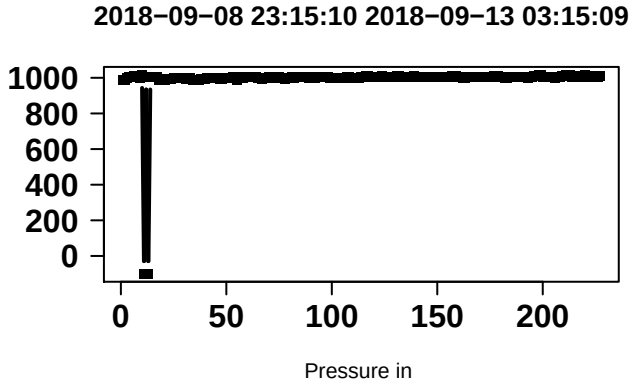

2018−09−04 01:36:47 2018−09−07 13:36:50
1000
800
600
400
200
0
0
50
100
150
200
Pressure in

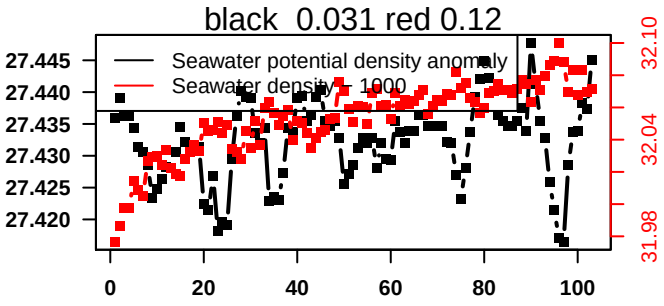

black 0.025 red 0.096
Seawater potential density anomaly
Seawater density − 1000
27.435
27.430
27.425
27.420
27.415
32.00
31.96
31.92
0
20
40
60
80

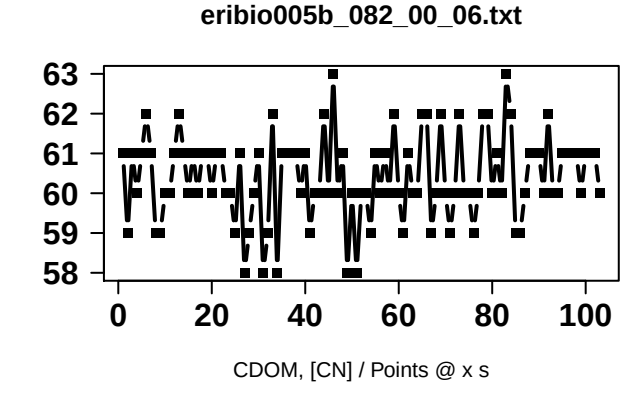

eribio005b_081_00_06.txt
63
62
61
60
59
58
57
0
20
40
60
80
CDOM, [CN] / Points @ x s

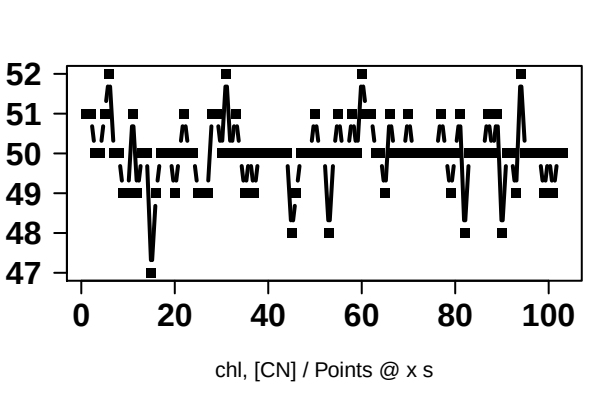

52
51
50
49
48
0
20
40
60
80
chl, [CN] / Points @ x s

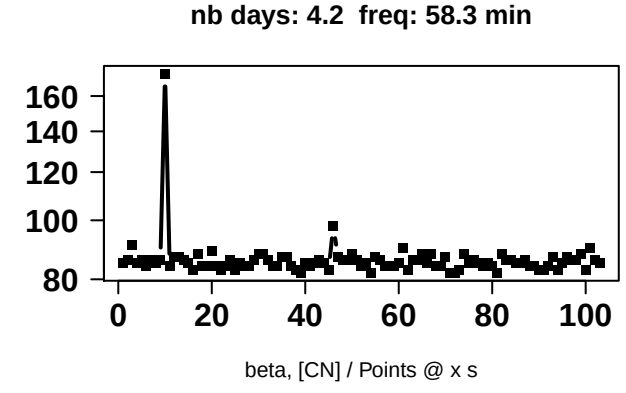

nb days: 3.5 freq: 54.2 min
92
90
88
86
84
82
0
20
40
60
80
beta, [CN] / Points @ x s

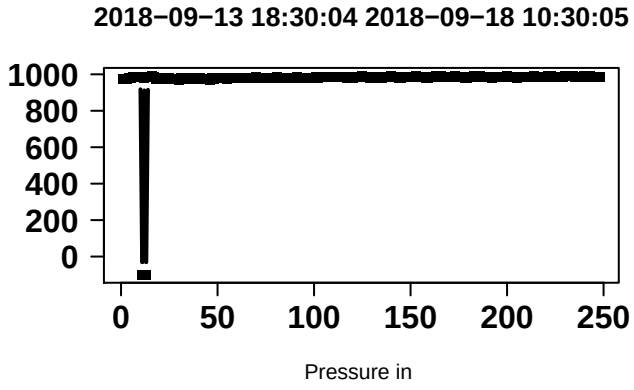

2018−09−08 23:15:10 2018−09−13 03:15:09
1000
800
600
400
200
0
0
50
100
150
200
Pressure in

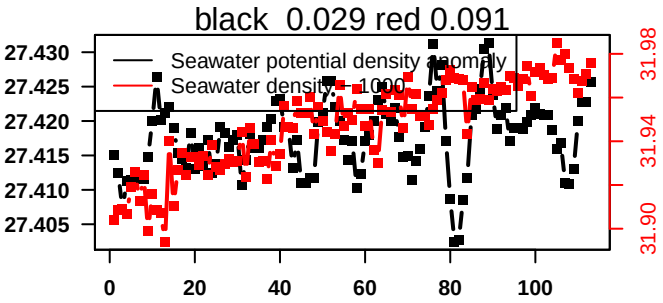

black 0.031 red 0.12
Seawater potential density anomaly
Seawater density − 1000
27.445
27.440
27.435
27.430
27.425
27.420
32.10
32.04
31.98
0
20
40
60
80
100

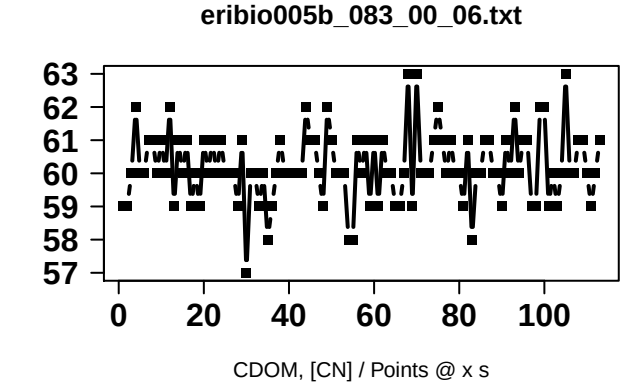

eribio005b_082_00_06.txt
63
62
61
60
59
58
0
20
40
60
80
100
CDOM, [CN] / Points @ x s

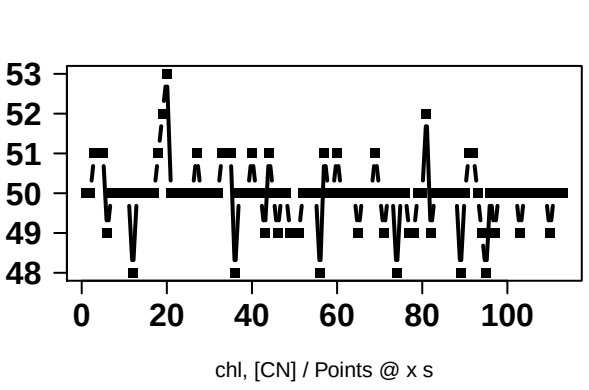

52
51
50
49
48
47
0
20
40
60
80
100
chl, [CN] / Points @ x s

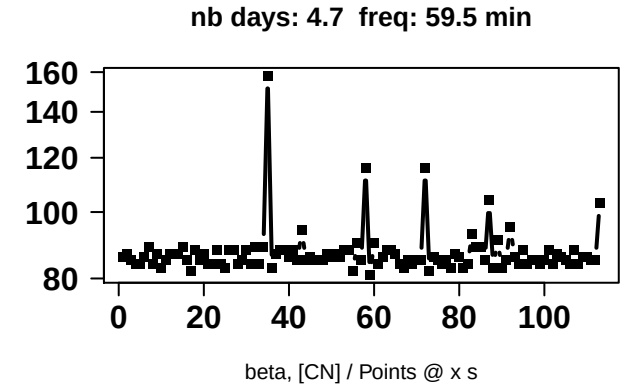

nb days: 4.2 freq: 58.3 min
160
140
120
100
80
0
20
40
60
80
100
beta, [CN] / Points @ x s

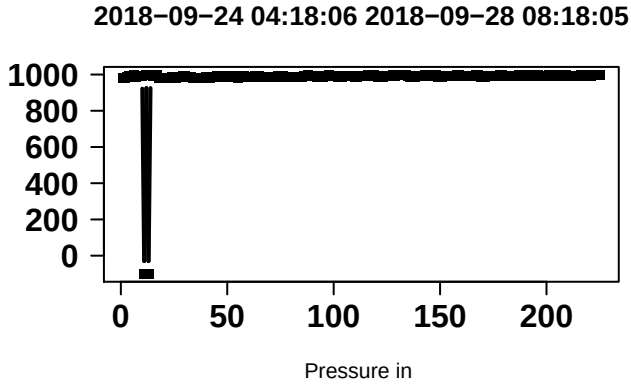

2018−09−13 18:30:04 2018−09−18 10:30:05
1000
800
600
400
200
0
0
50
100
150
200
250
Pressure in

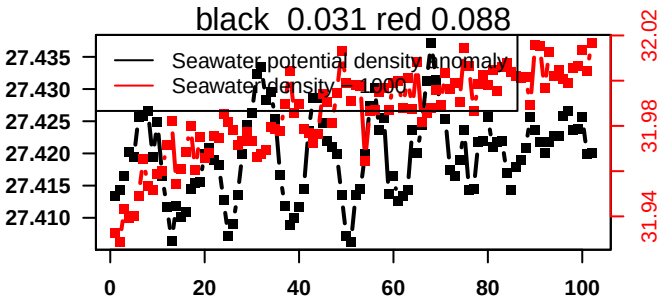

black 0.029 red 0.091
Seawater potential density anomaly
Seawater density − 1000
27.430
27.425
27.420
27.415
27.410
27.405
31.98
31.94
31.90
0
20
40
60
80
100

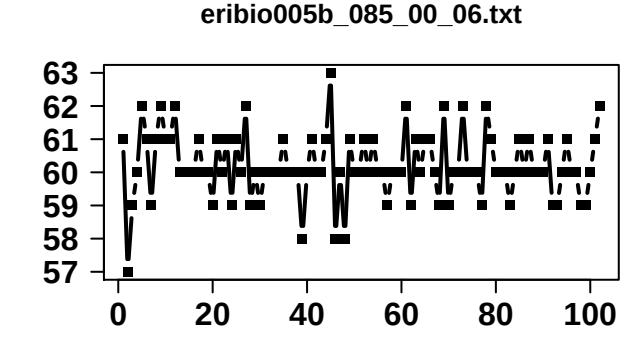

eribio005b_083_00_06.txt
63
62
61
60
59
58
57
0
20
40
60
80
100
CDOM, [CN] / Points @ x s

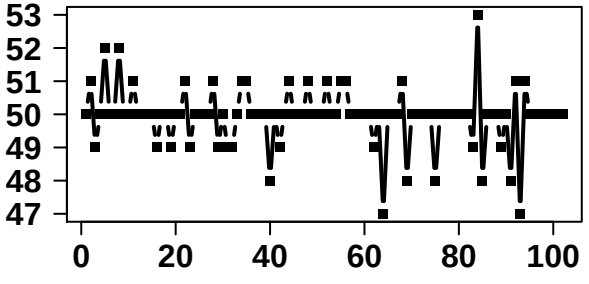

53
52
51
50
49
48
0
20
40
60
80
100
chl, [CN] / Points @ x s

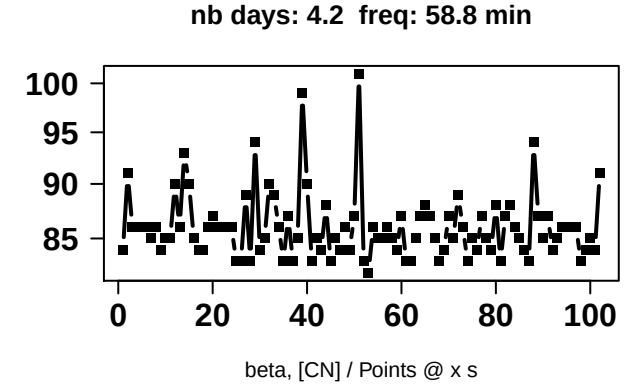

nb days: 4.7 freq: 59.5 min
160
140
120
100
80
0
20
40
60
80
100
beta, [CN] / Points @ x s

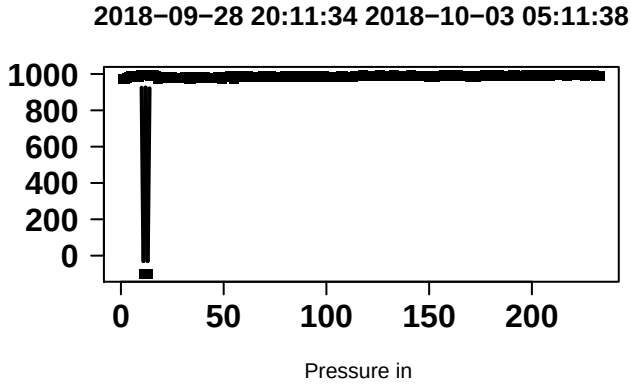

2018−09−24 04:18:06 2018−09−28 08:18:05
1000
800
600
400
200
0
0
50
100
150
200
Pressure in

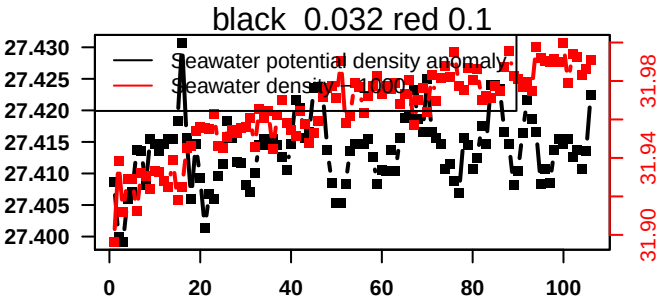

black 0.031 red 0.088
Seawater potential density anomaly
Seawater density − 1000
27.435
27.430
27.425
27.420
27.415
27.410
32.02
31.98
31.94
0
20
40
60
80
100

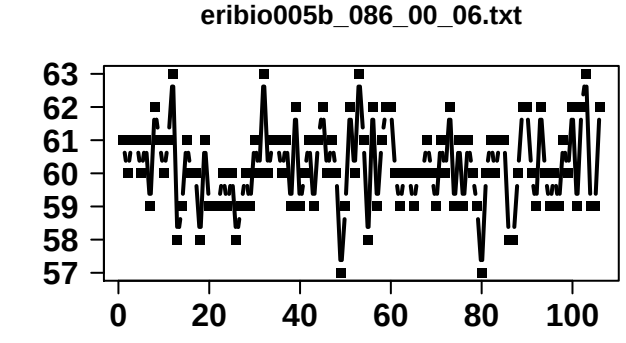

eribio005b_085_00_06.txt
63
62
61
60
59
58
57
0
20
40
60
80
100
CDOM, [CN] / Points @ x s

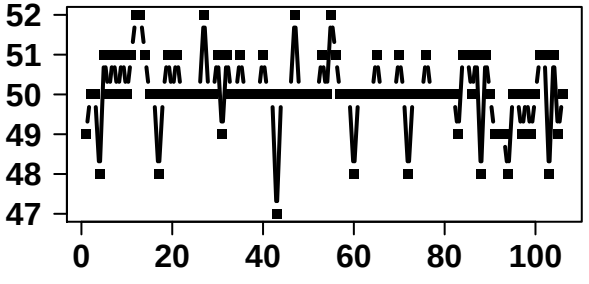

53
52
51
50
49
48
47
0
20
40
60
80
100
chl, [CN] / Points @ x s

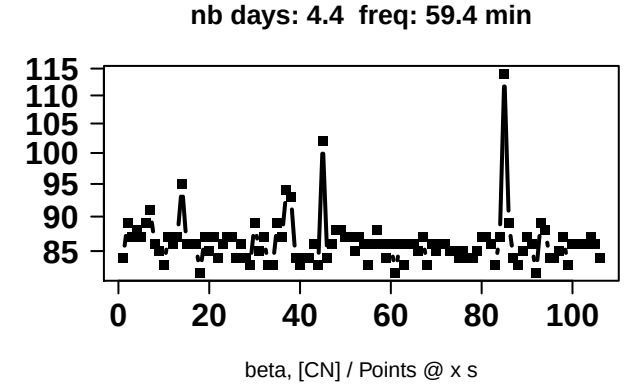

nb days: 4.2 freq: 58.8 min
100
95
90
85
0
20
40
60
80
100
beta, [CN] / Points @ x s

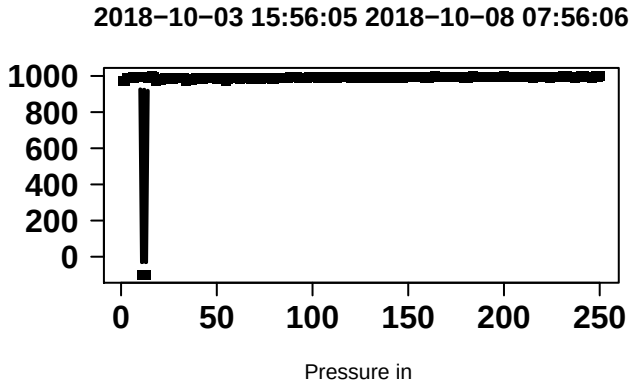

2018−09−28 20:11:34 2018−10−03 05:11:38
1000
800
600
400
200
0
0
50
100
150
200
Pressure in

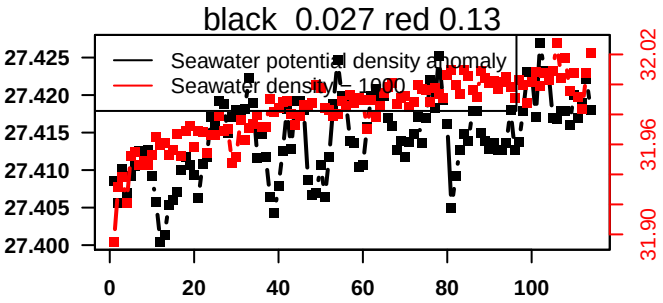

black 0.032 red 0.1
Seawater potential density anomaly:
Seawater density −1000 k
27.430
27.425
27.420
27.415
27.410
27.405
27.400
31.98
31.94
31.90
0
20
40
60
80
100

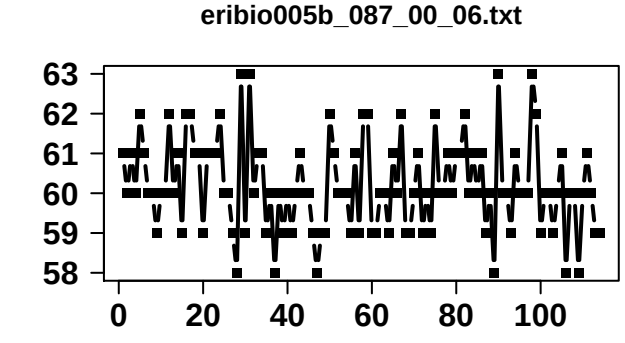

eribio005b_086_00_06.txt
63
62
61
60
59
58
57
0
20
40
60
80
100
CDOM, [CN] / Points @ x s

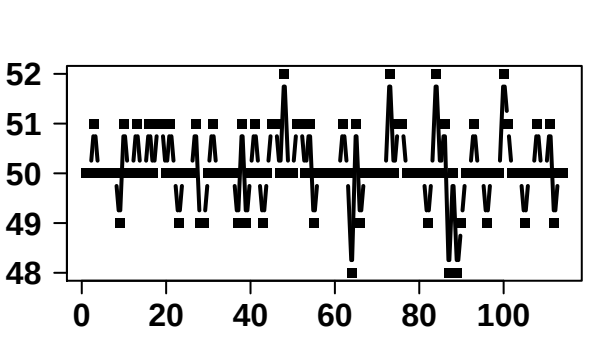

52
51
50
49
48
47
0
20
40
60
80
100
chl, [CN] / Points @ x s

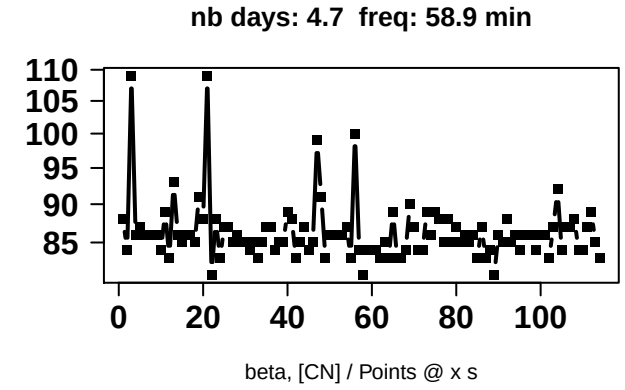

nb days: 4.4 freq: 59.4 min
115
110
105
100
95
90
85
0
20
40
60
80
100
beta, [CN] / Points @ x s

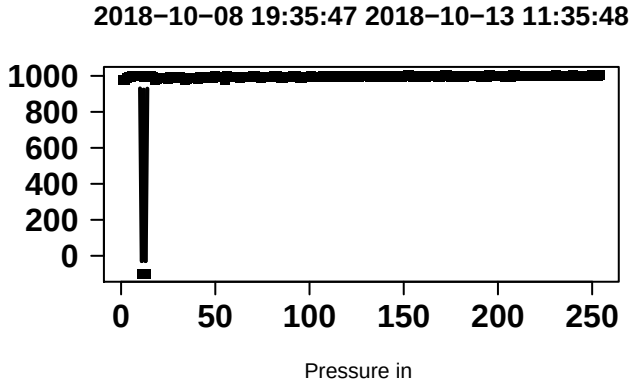

2018−10−03 15:56:05 2018−10−08 07:56:06
1000
800
600
400
200
0
0
50
100
150
200
250
Pressure in

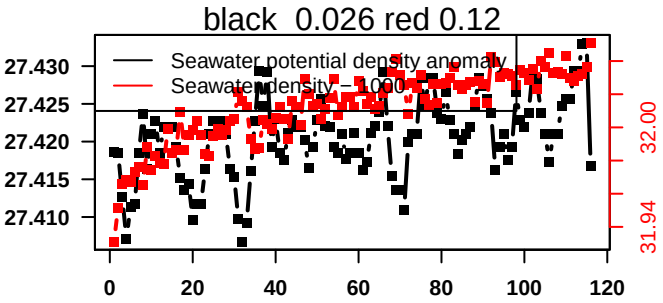

black 0.027 red 0.13
Seawater potential density anomaly
Seawater density − 1000
27.425
27.420
27.415
27.410
27.405
27.400
32.02
31.96
31.90
0
20
40
60
80
100

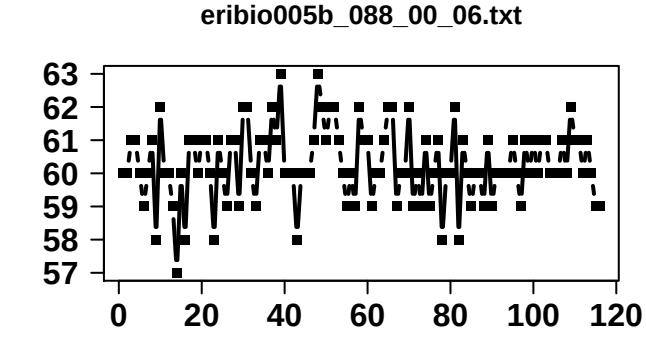

eribio005b_087_00_06.txt
63
62
61
60
59
58
0
20
40
60
80
100
CDOM, [CN] / Points @ x s

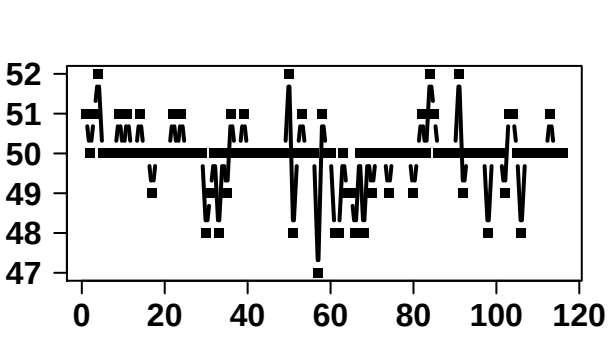

52
51
50
49
48
0
20
40
60
80
100
chl, [CN] / Points @ x s

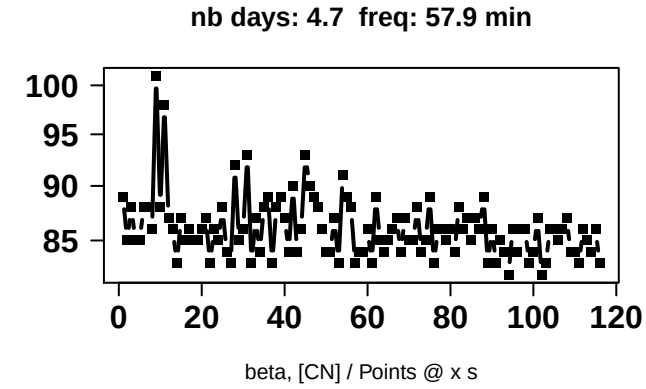

nb days: 4.7 freq: 58.9 min
110
105
100
95
90
85
0
20
40
60
80
100
beta, [CN] / Points @ x s

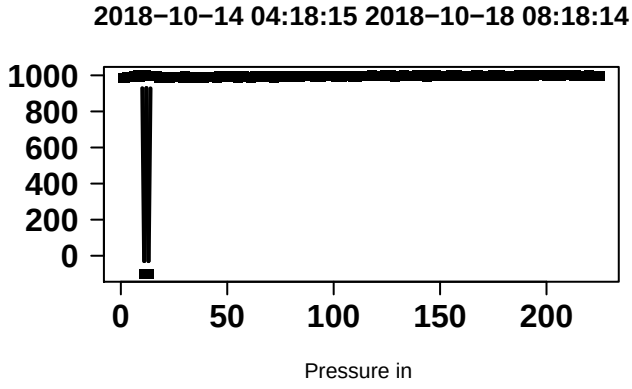

2018−10−08 19:35:47 2018−10−13 11:35:48
1000
800
600
400
200
0
0
50
100
150
200
250
Pressure in

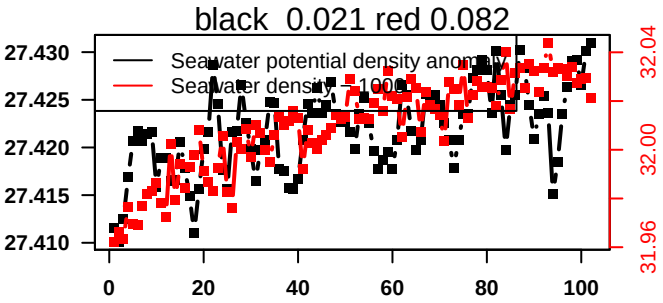

black 0.026 red 0.12
Seawater potential density anomaly
Seawater density − 1000
27.430
27.425
27.420
27.415
27.410
32.00
31.94
0
20
40
60
80
100
120

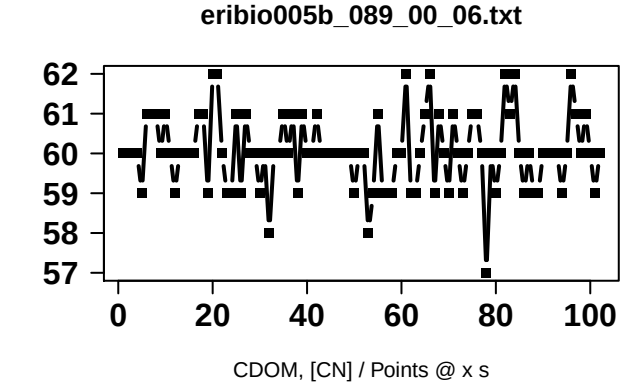

eribio005b_088_00_06.txt
63
62
61
60
59
58
57
0
20
40
60
80
100
120
CDOM, [CN] / Points @ x s

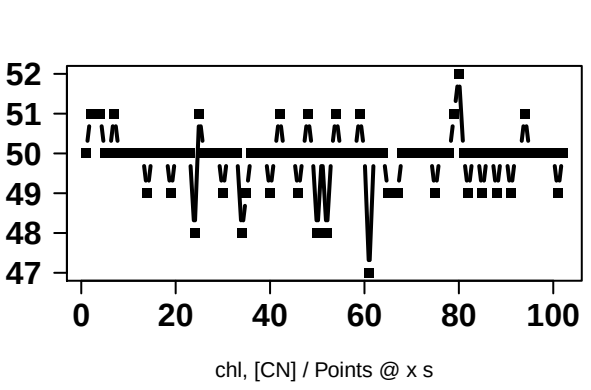

52
51
50
49
48
47
0
20
40
60
80
100
120
chl, [CN] / Points @ x s

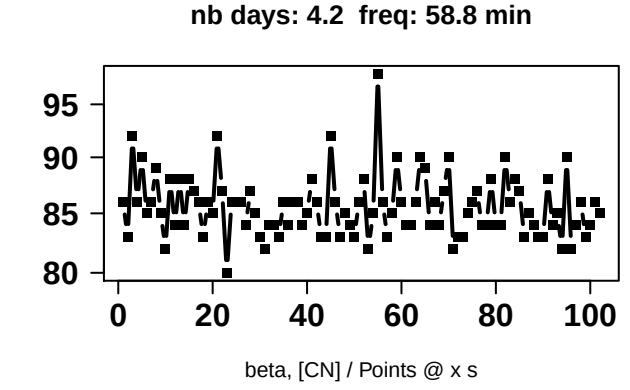

nb days: 4.7 freq: 57.9 min
100
95
90
85
0
20
40
60
80
100
120
beta, [CN] / Points @ x s

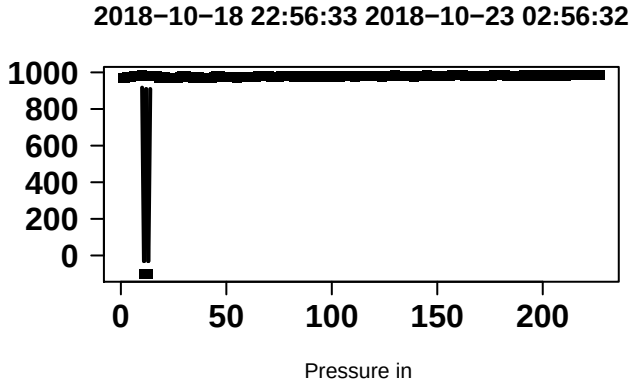

2018−10−14 04:18:15 2018−10−18 08:18:14
1000
800
600
400
200
0
0
50
100
150
200
Pressure in

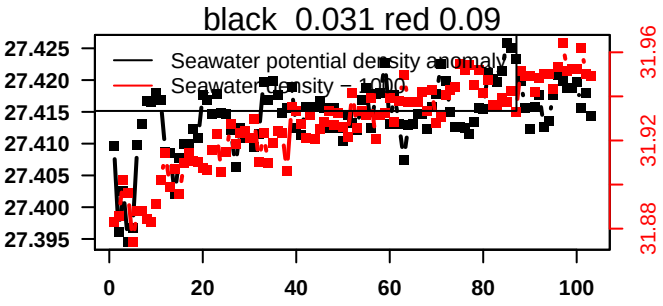

black 0.021 red 0.082
Seawater potential density anomaly
Seawater density −1000
27.430
27.425
27.420
27.415
27.410
32.04
32.00
31.96
0
20
40
60
80
100

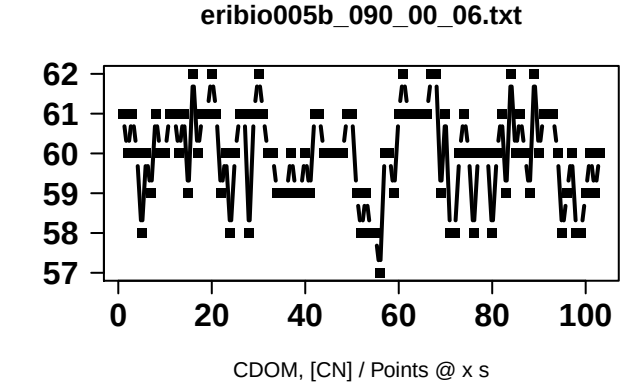

eribio005b_089_00_06.txt
62
61
60
59
58
57
0
20
40
60
80
100
CDOM, [CN] / Points @ x s

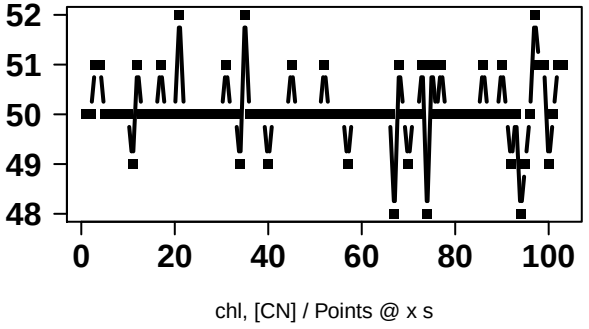

52
51
50
49
48
47
0
20
40
60
80
100
chl, [CN] / Points @ x s

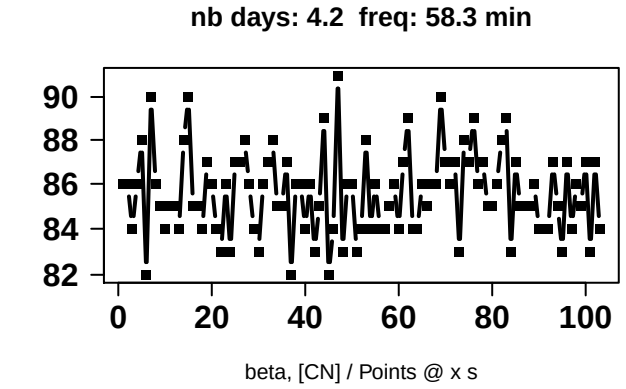

nb days: 4.2 freq: 58.8 min
95
90
85
80
0
20
40
60
80
100
beta, [CN] / Points @ x s

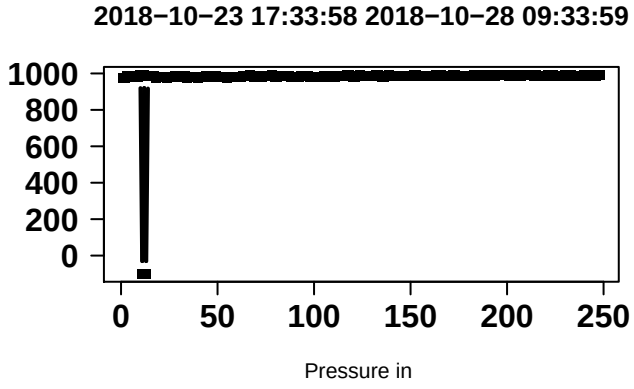

2018−10−18 22:56:33 2018−10−23 02:56:32
1000
800
600
400
200
0
0
50
100
150
200
Pressure in

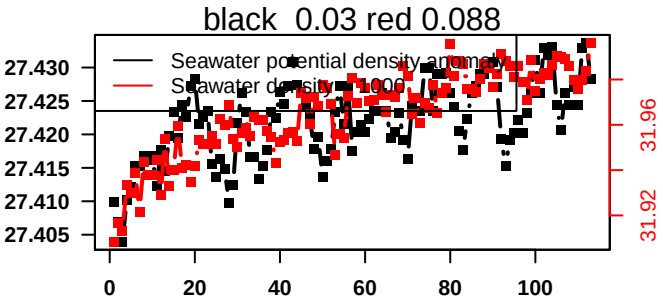

black 0.031 red 0.09
Seawater potential density anomaly
Seawater density − 1000
27.425
27.420
27.415
27.410
27.405
27.400
27.395
31.96
31.92
31.88
0
20
40
60
80
100

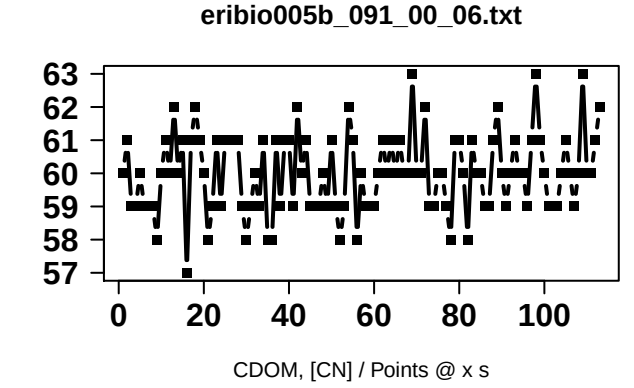

eribio005b_090_00_06.txt
62
61
60
59
58
57
0
20
40
60
80
100
CDOM, [CN] / Points @ x s

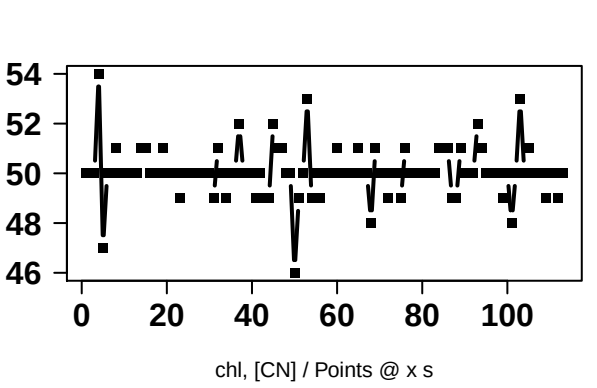

52
51
50
49
48
0
20
40
60
80
100
chl, [CN] / Points @ x s

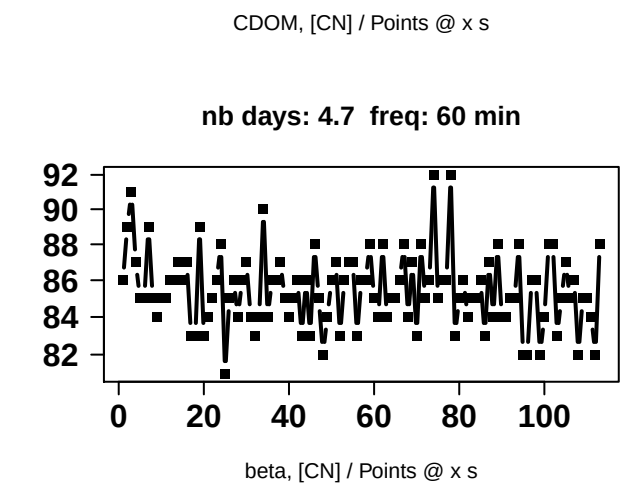

nb days: 4.2 freq: 58.3 min
90
88
86
84
82
0
20
40
60
80
100
beta, [CN] / Points @ x s

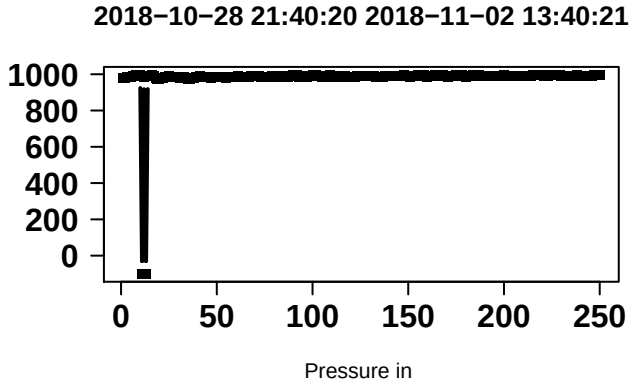

2018−10−23 17:33:58 2018−10−28 09:33:59
1000
800
600
400
200
0
0
50
100
150
200
250
Pressure in

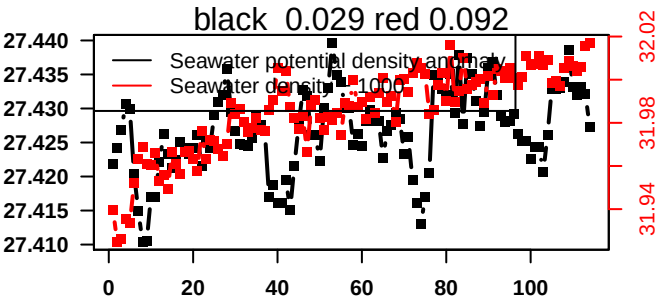

black 0.03 red 0.088
Seawater potential density anomaly
Seawater density − 1000
27.430
27.425
27.420
27.415
27.410
27.405
31.96
31.92
0
20
40
60
80
100

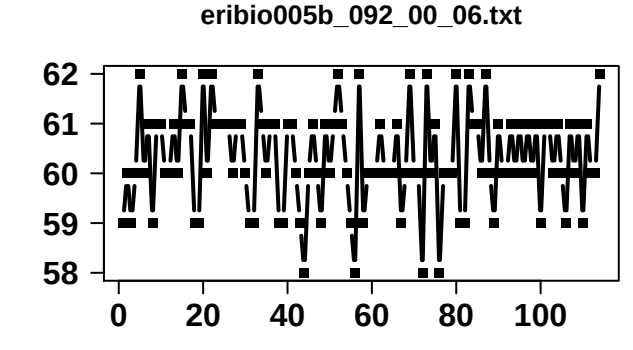

eribio005b_091_00_06.txt
63
62
61
60
59
58
57
0
20
40
60
80
100
CDOM, [CN] / Points @ x s

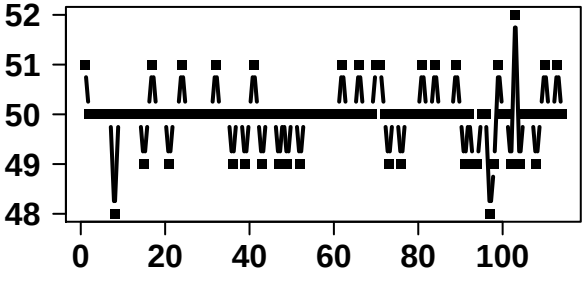

54
52
50
48
46
0
20
40
60
80
100
chl, [CN] / Points @ x s

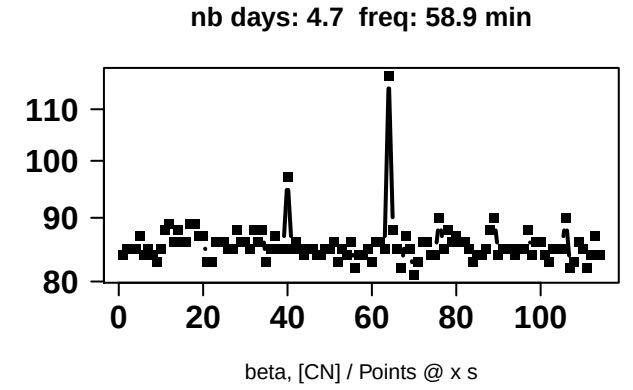

nb days: 4.7 freq: 60 min
92
90
88
86
84
82
0
20
40
60
80
100
beta, [CN] / Points @ x s

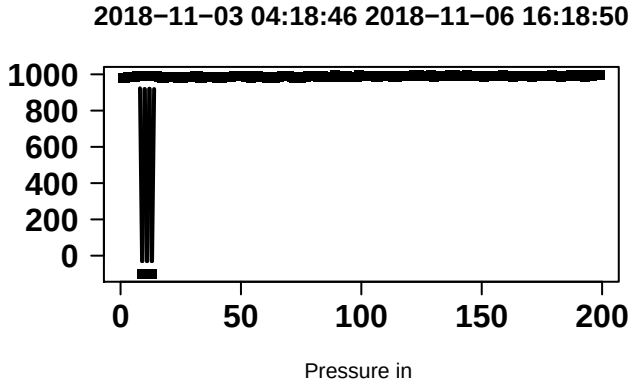

2018−10−28 21:40:20 2018−11−02 13:40:21
1000
800
600
400
200
0
0
50
100
150
200
250
Pressure in

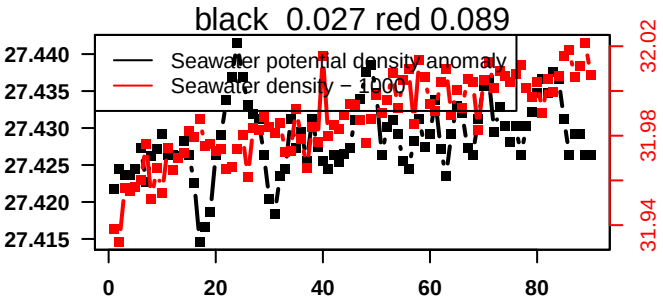

black 0.029 red 0.092
Seawater potential density anomaly
Seawater density −1000
27.440
27.435
27.430
27.425
27.420
27.415
27.410
32.02
31.98
31.94
0
20
40
60
80
100

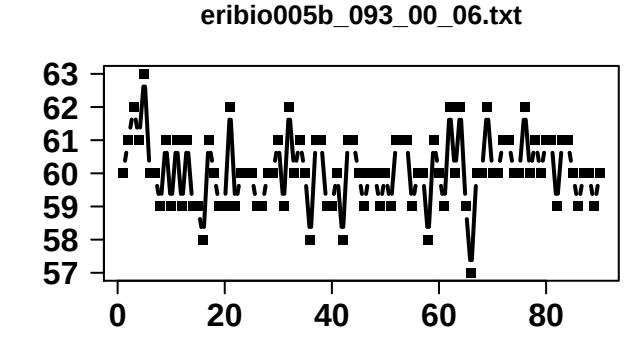

eribio005b_092_00_06.txt
62
61
60
59
58
0
20
40
60
80
100
CDOM, [CN] / Points @ x s

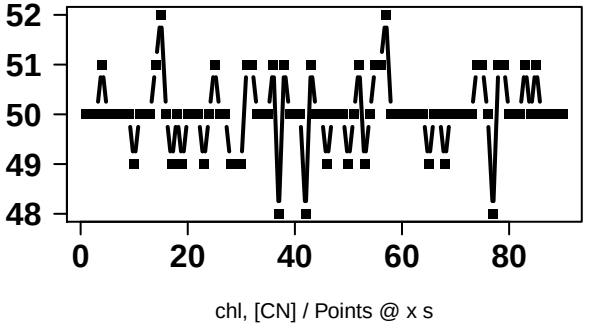

52
51
50
49
48
0
20
40
60
80
100
chl, [CN] / Points @ x s

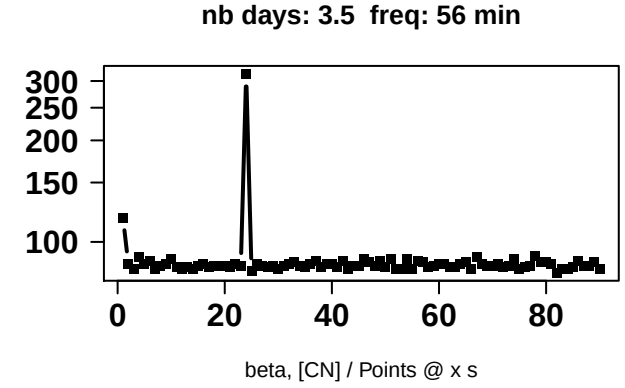

nb days: 4.7 freq: 58.9 min
110
100
90
80
0
20
40
60
80
100
beta, [CN] / Points @ x s

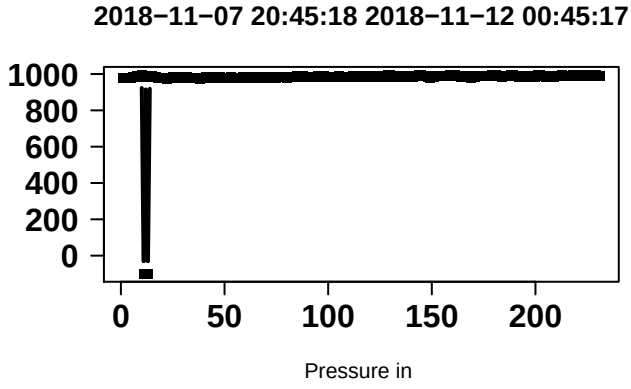

2018−11−03 04:18:46 2018−11−06 16:18:50
1000
800
600
400
200
0
0
50
100
150
200
Pressure in

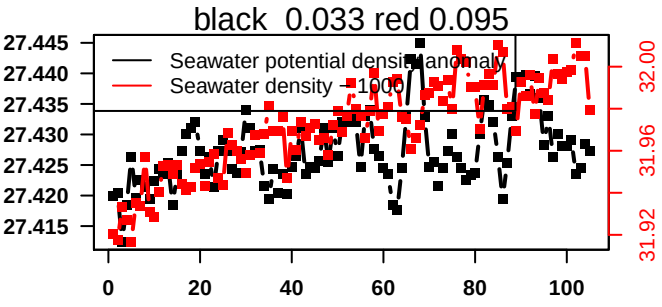

black 0.027 red 0.089
Seawater potential density anomaly
Seawater density − 1000
27.440
27.435
27.430
27.425
27.420
27.415
32.02
31.98
31.94
0
20
40
60
80

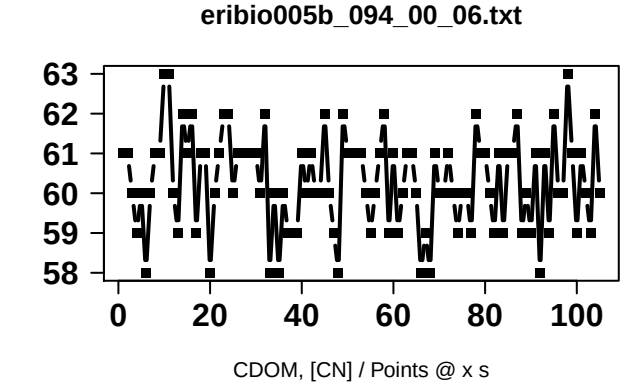

eribio005b_093_00_06.txt
63
62
61
60
59
58
57
0
20
40
60
80
CDOM, [CN] / Points @ x s

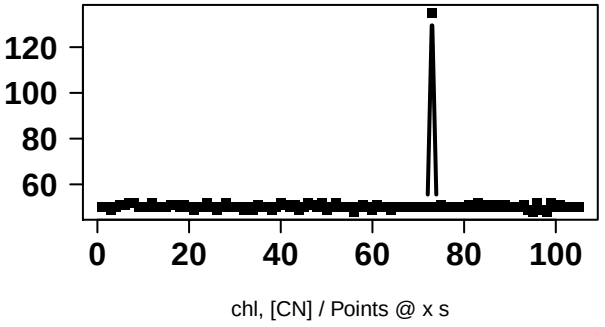

52
51
50
49
48
0
20
40
60
80
chl, [CN] / Points @ x s

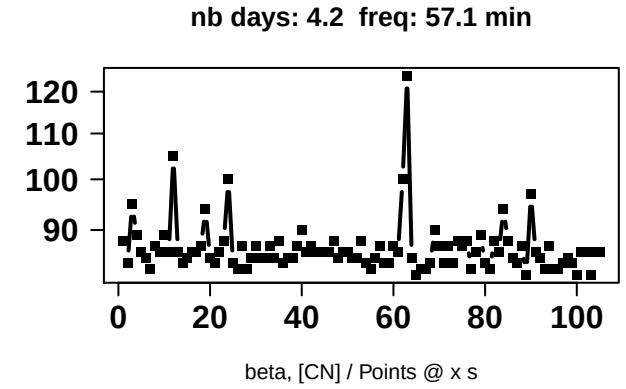

nb days: 3.5 freq: 56 min
300
250
200
150
100
0
20
40
60
80
beta, [CN] / Points @ x s

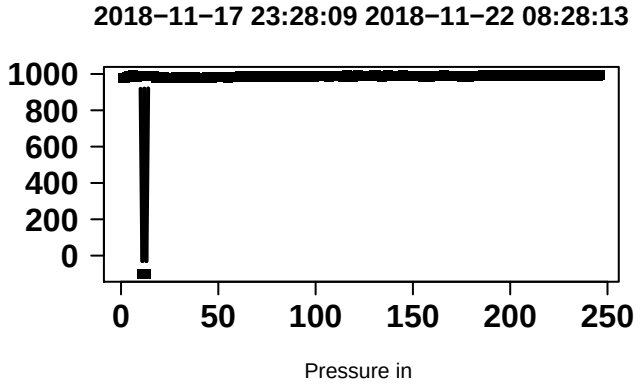

2018−11−07 20:45:18 2018−11−12 00:45:17
1000
800
600
400
200
0
0
50
100
150
200
Pressure in

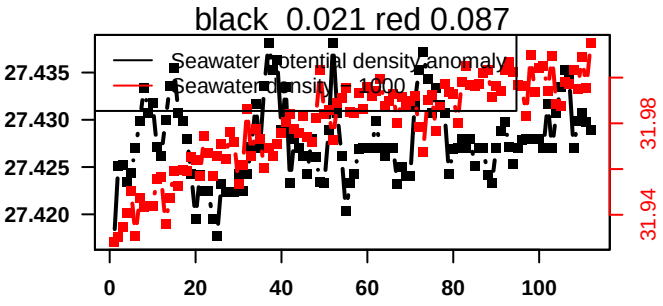

black 0.033 red 0.095
Seawater potential density anomaly
Seawater density − 1000
27.445
27.440
27.435
27.430
27.425
27.420
27.415
32.00
31.96
31.92
0
20
40
60
80
100

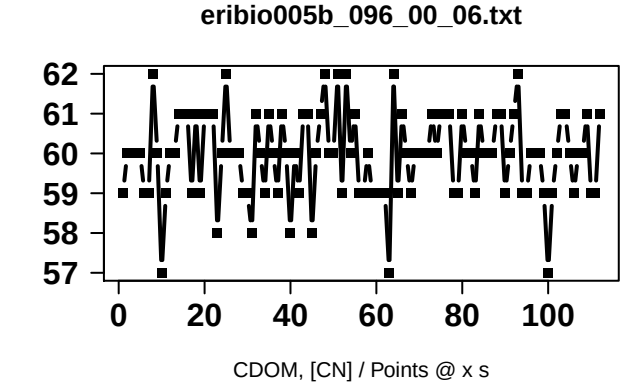

eribio005b_094_00_06.txt
63
62
61
60
59
58
0
20
40
60
80
100
CDOM, [CN] / Points @ x s

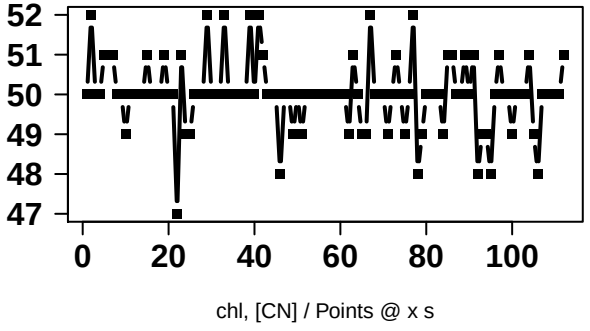

120
100
80
60
0
20
40
60
80
100
chl, [CN] / Points @ x s

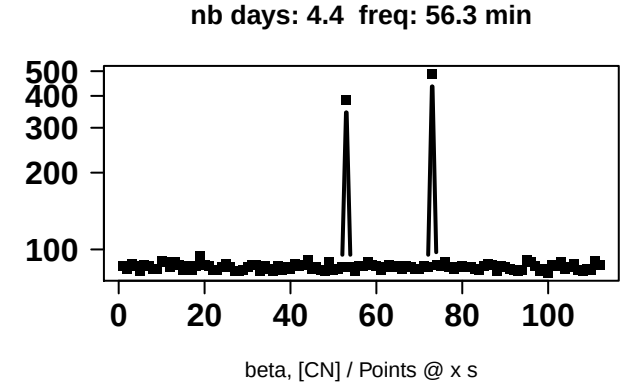

nb days: 4.2 freq: 57.1 min
120
110
100
90
0
20
40
60
80
100
beta, [CN] / Points @ x s

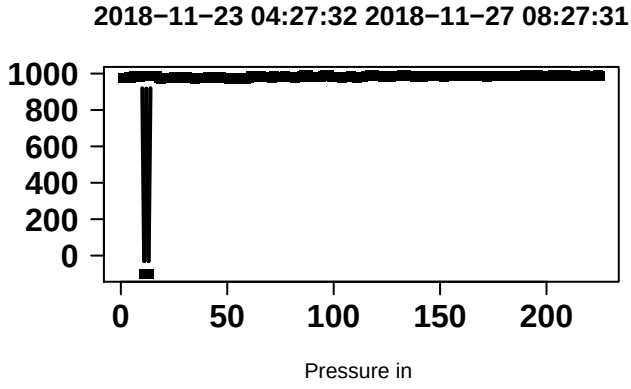

2018−11−17 23:28:09 2018−11−22 08:28:13
1000
800
600
400
200
0
0
50
100
150
200
250
Pressure in

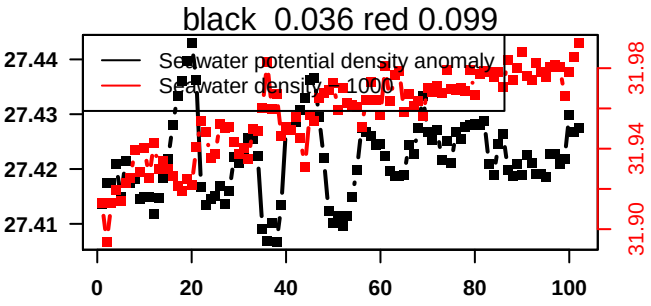

black 0.021 red 0.087
Seawater potential density anomaly
Seawater density − 1000
27.435
27.430
27.425
27.420
31.98
31.94
0
20
40
60
80
100

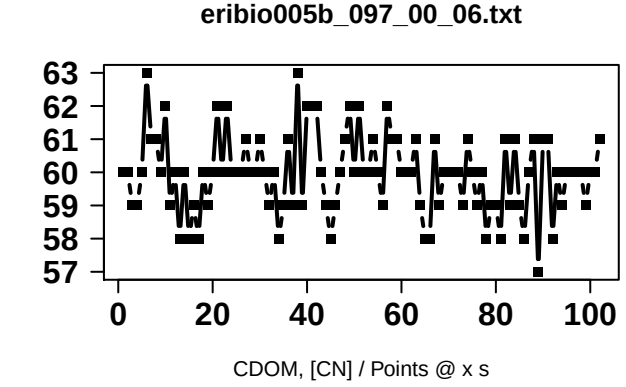

eribio005b_096_00_06.txt
62
61
60
59
58
57
0
20
40
60
80
100
CDOM, [CN] / Points @ x s

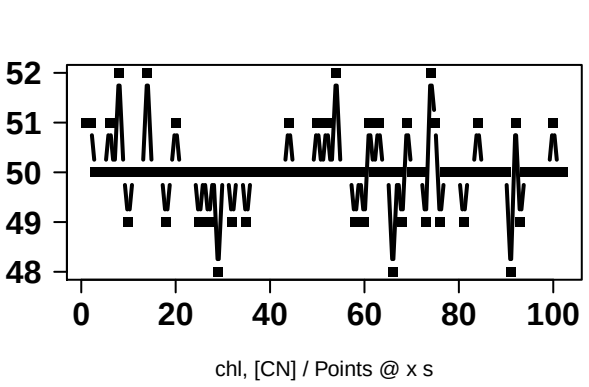

52
51
50
49
48
47
0
20
40
60
80
100
chl, [CN] / Points @ x s

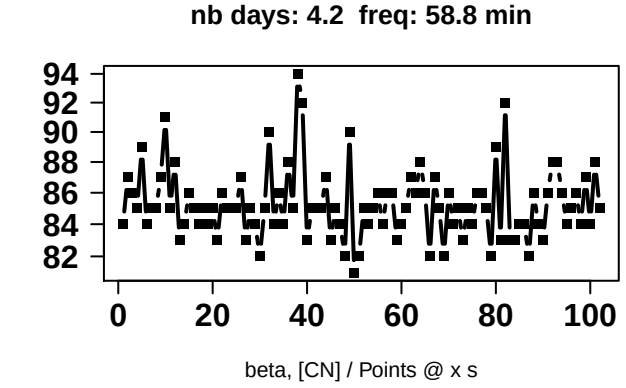

nb days: 4.4 freq: 56.3 min
500
400
300
200
100
0
20
40
60
80
100
beta, [CN] / Points @ x s

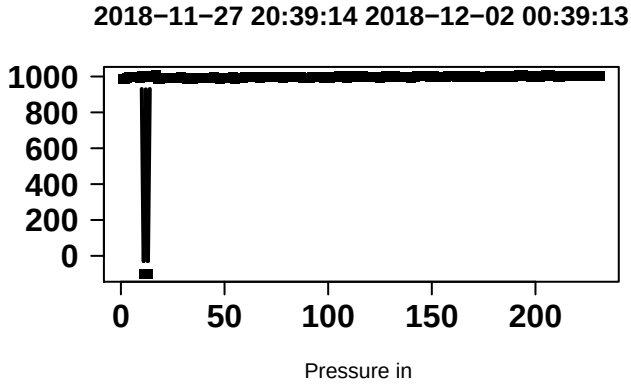

2018−11−23 04:27:32 2018−11−27 08:27:31
1000
800
600
400
200
0
0
50
100
150
200
Pressure in

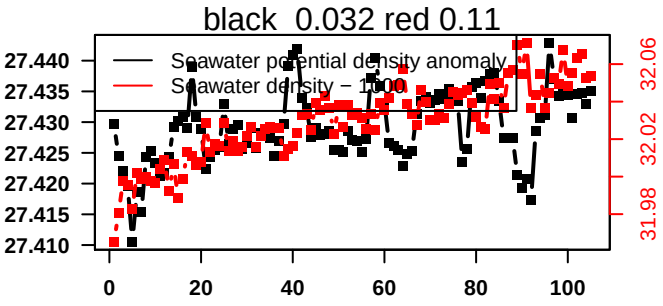

black 0.036 red 0.099
Seawater potential density anomaly
Seawater density − 1000
27.44
27.43
27.42
27.41
31.98
31.94
31.90
0
20
40
60
80
100

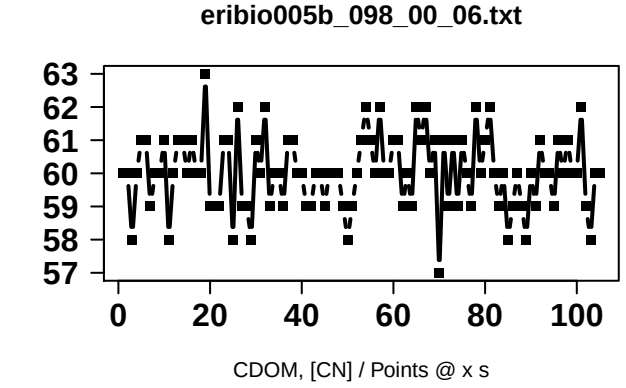

eribio005b_097_00_06.txt
63
62
61
60
59
58
57
0
20
40
60
80
100
CDOM, [CN] / Points @ x s

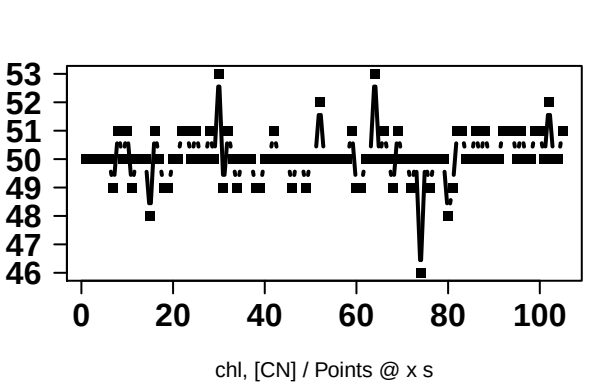

52
51
50
49
48
0
20
40
60
80
100
chl, [CN] / Points @ x s

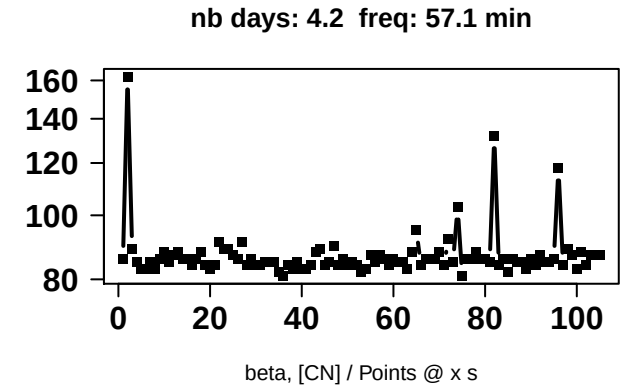

nb days: 4.2 freq: 58.8 min
94
92
90
88
86
84
82
0
20
40
60
80
100
beta, [CN] / Points @ x s

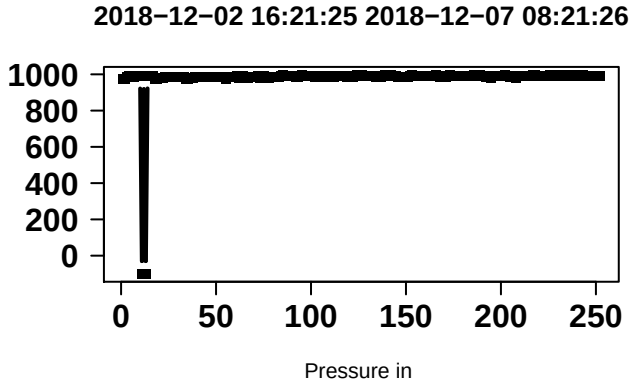

2018−11−27 20:39:14 2018−12−02 00:39:13
1000
800
600
400
200
0
0
50
100
150
200
Pressure in

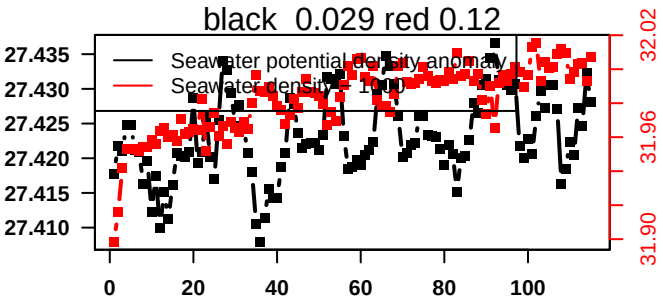

black 0.032 red 0.11
Seawater potential density anomaly
Seawater density − 1000
27.440
27.435
27.430
27.425
27.420
27.415
27.410
32.06
32.02
31.98
0
20
40
60
80
100

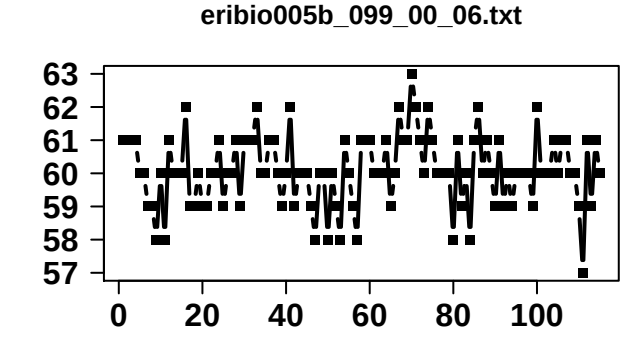

eribio005b_098_00_06.txt
63
62
61
60
59
58
57
0
20
40
60
80
100
CDOM, [CN] / Points @ x s

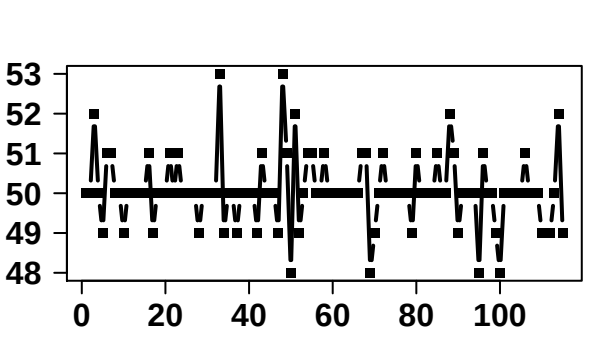

53
52
51
50
49
48
47
46
0
20
40
60
80
100
chl, [CN] / Points @ x s

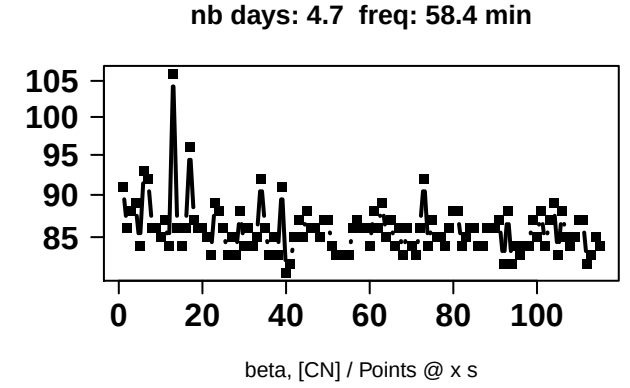

nb days: 4.2 freq: 57.1 min
160
140
120
100
80
0
20
40
60
80
100
beta, [CN] / Points @ x s

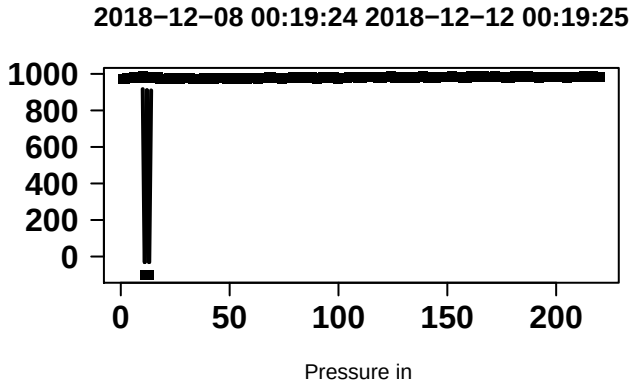

2018−12−02 16:21:25 2018−12−07 08:21:26
1000
800
600
400
200
0
0
50
100
150
200
250
Pressure in

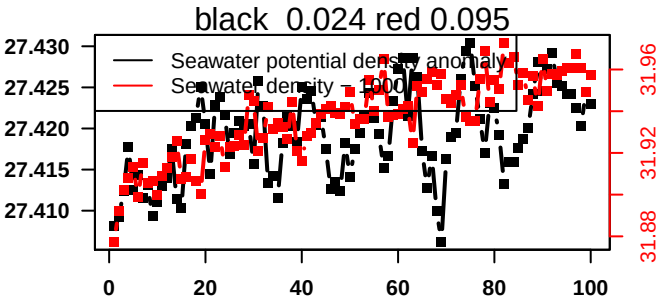

black 0.029 red 0.12
Seawater potential density anomaly
Seawater density − 1000
27.435
27.430
27.425
27.420
27.415
27.410
32.02
31.96
31.90
0
20
40
60
80
100

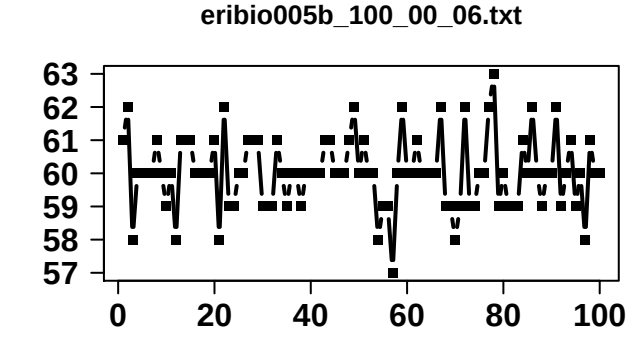

eribio005b_099_00_06.txt
63
62
61
60
59
58
57
0
20
40
60
80
100
CDOM, [CN] / Points @ x s

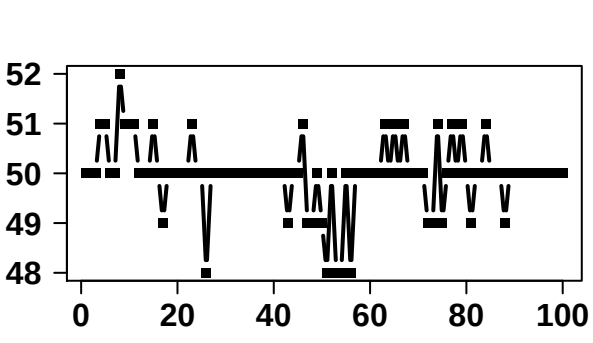

53
52
51
50
49
48
0
20
40
60
80
100
chl, [CN] / Points @ x s

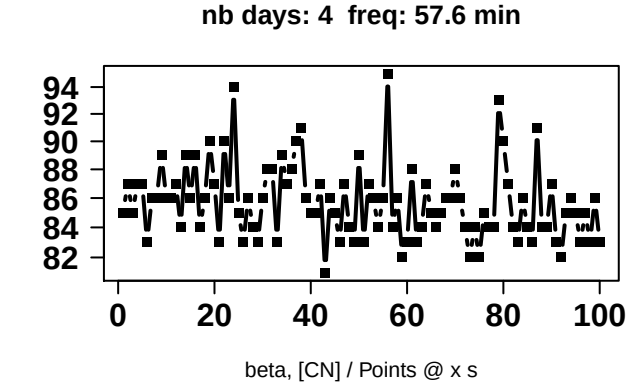

nb days: 4.7 freq: 58.4 min
105
100
95
90
85
0
20
40
60
80
100
beta, [CN] / Points @ x s

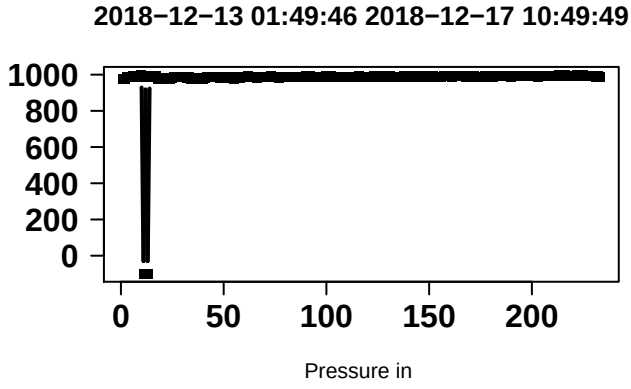

2018−12−08 00:19:24 2018−12−12 00:19:25
1000
800
600
400
200
0
0
50
100
150
200
Pressure in

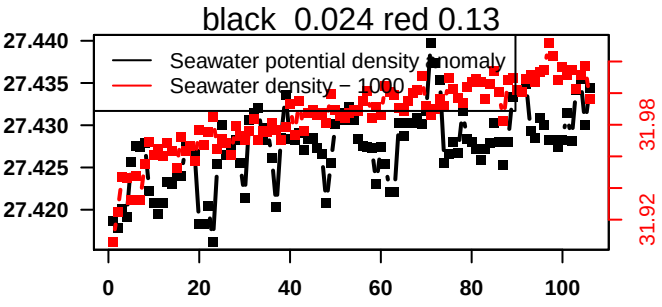

black 0.024 red 0.095
Seawater potential density anomaly
Seawater density − 1000
27.430
27.425
27.420
27.415
27.410
31.96
31.92
31.88
0
20
40
60
80
100

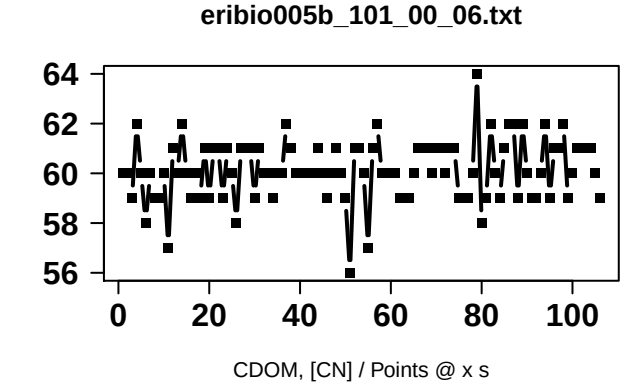

eribio005b_100_00_06.txt
63
62
61
60
59
58
57
0
20
40
60
80
100
CDOM, [CN] / Points @ x s

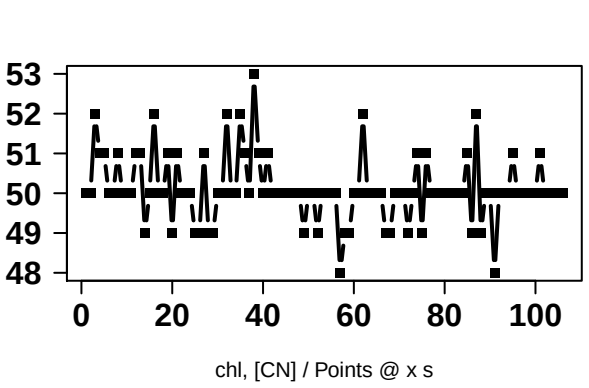

52
51
50
49
48
0
20
40
60
80
100
chl, [CN] / Points @ x s

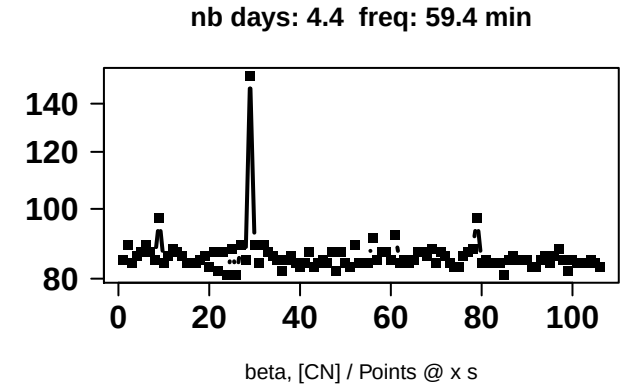

nb days: 4 freq: 57.6 min
94
92
90
88
86
84
82
0
20
40
60
80
100
beta, [CN] / Points @ x s

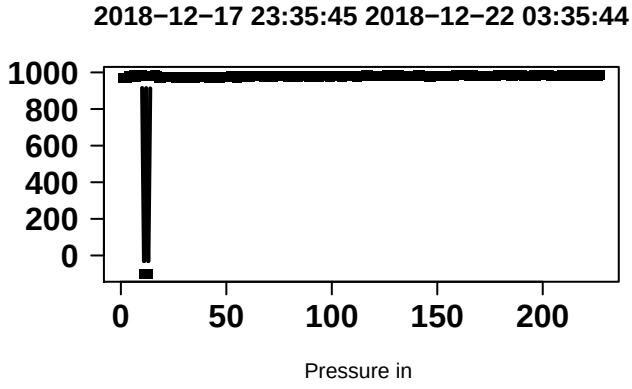

2018−12−13 01:49:46 2018−12−17 10:49:49
1000
800
600
400
200
0
0
50
100
150
200
Pressure in

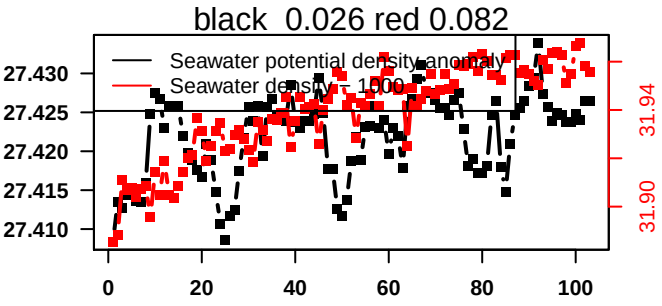

black 0.024 red 0.13
Seawater potential density anomaly
Seawater density − 1000
27.440
27.435
27.430
27.425
27.420
31.98
31.92
0
20
40
60
80
100

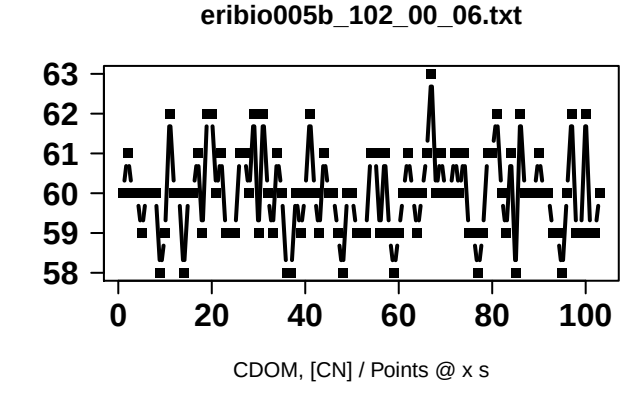

eribio005b_101_00_06.txt
64
62
60
58
56
0
20
40
60
80
100
CDOM, [CN] / Points @ x s

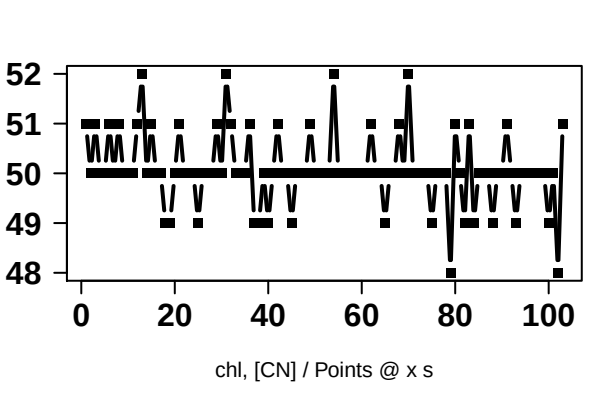

53
52
51
50
49
48
0
20
40
60
80
100
chl, [CN] / Points @ x s

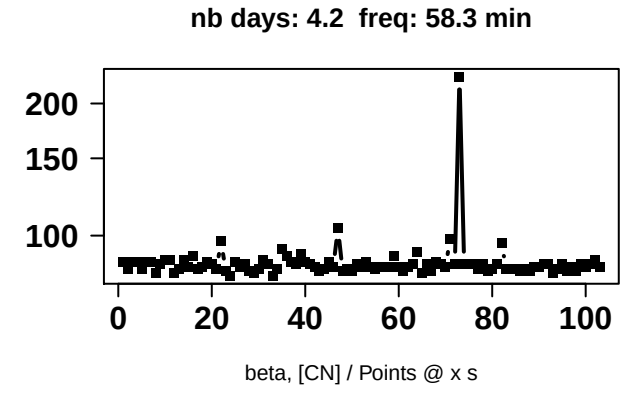

nb days: 4.4 freq: 59.4 min
140
120
100
80
0
20
40
60
80
100
beta, [CN] / Points @ x s

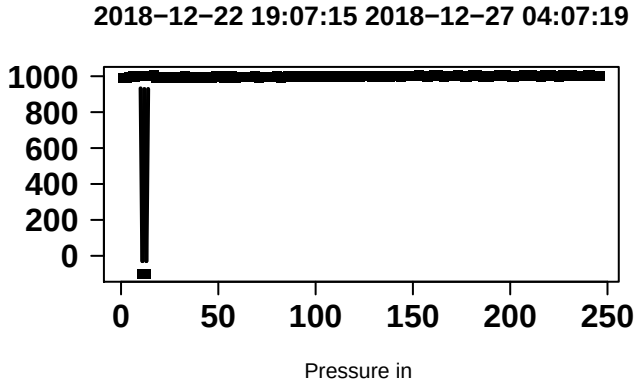

2018−12−17 23:35:45 2018−12−22 03:35:44
1000
800
600
400
200
0
0
50
100
150
200
Pressure in

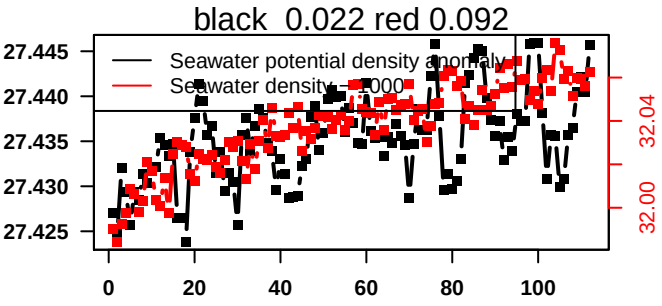

black 0.026 red 0.082
Seawater potential density anomaly
Seawater density − 1000
27.430
27.425
27.420
27.415
27.410
31.94
31.90
0
20
40
60
80
100

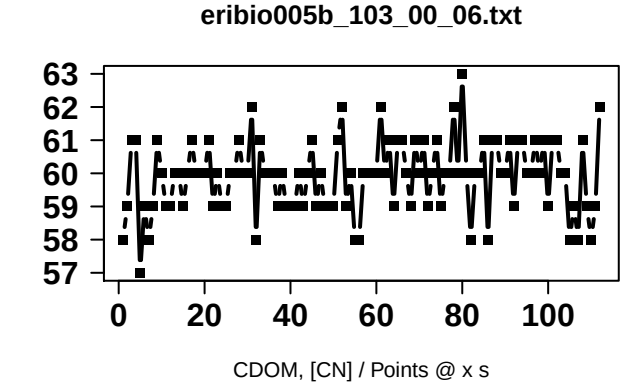

eribio005b_102_00_06.txt
63
62
61
60
59
58
0
20
40
60
80
100
CDOM, [CN] / Points @ x s

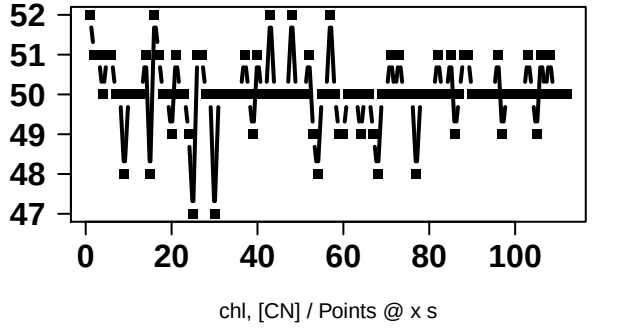

52
51
50
49
48
0
20
40
60
80
100
chl, [CN] / Points @ x s

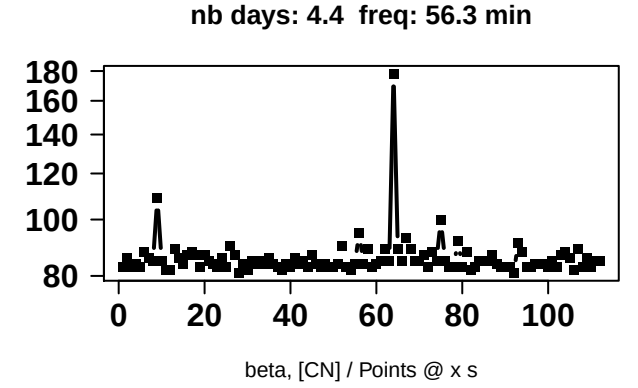

nb days: 4.2 freq: 58.3 min
200
150
100
0
20
40
60
80
100
beta, [CN] / Points @ x s

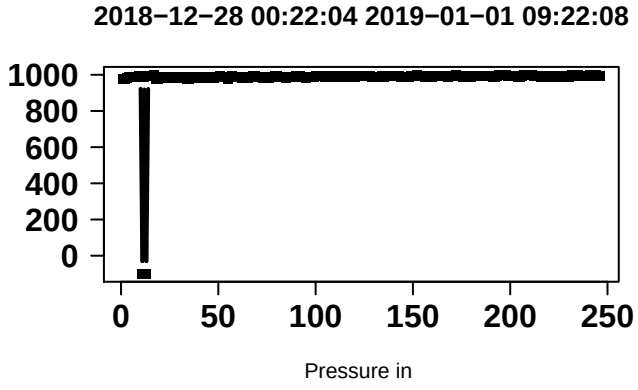

2018−12−22 19:07:15 2018−12−27 04:07:19
1000
800
600
400
200
0
0
50
100
150
200
250
Pressure in

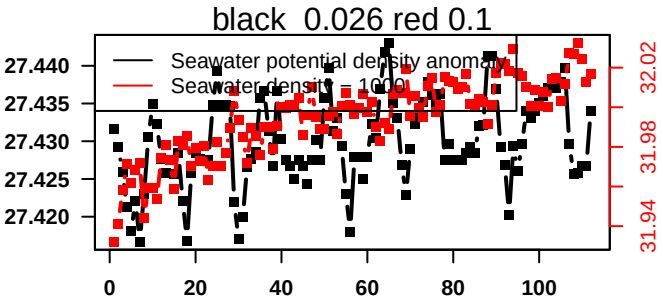

black 0.022 red 0.092
Seawater potential density anomaly
Seawater density − 1000
27.445
27.440
27.435
27.430
27.425
0
20
40
60
80
100
32.04
32.00

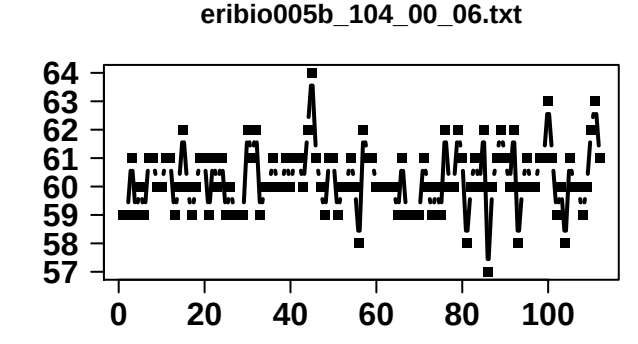

eribio005b_103_00_06.txt
63
62
61
60
59
58
57
0
20
40
60
80
100
CDOM, [CN] / Points @ x s

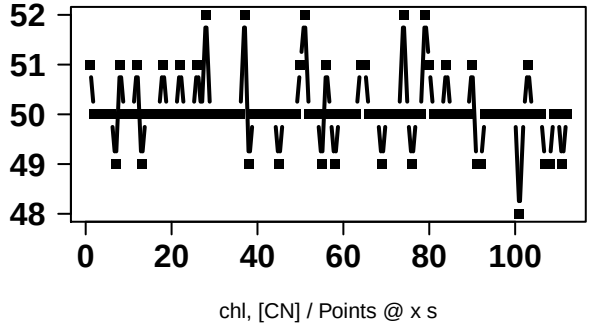

52
51
50
49
48
47
0
20
40
60
80
100
chl, [CN] / Points @ x s

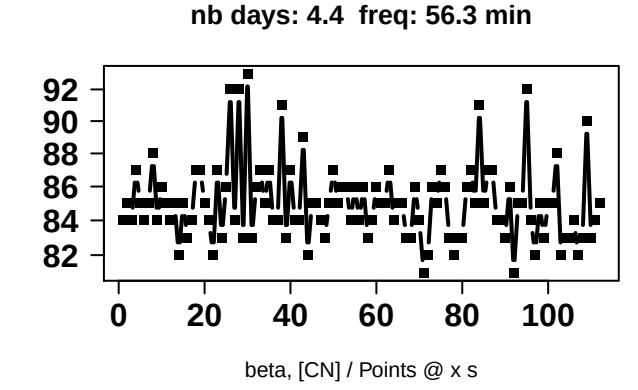

nb days: 4.4 freq: 56.3 min
180
160
140
120
100
80
0
20
40
60
80
100
beta, [CN] / Points @ x s

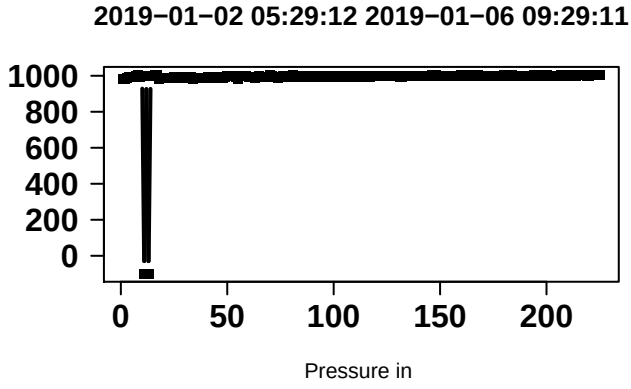

2018−12−28 00:22:04 2019−01−01 09:22:08
1000
800
600
400
200
0
0
50
100
150
200
250
Pressure in

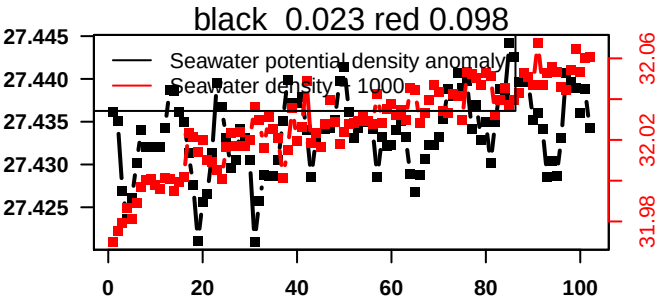

black 0.026 red 0.1
Seawater potential density anomaly
Seawater density − 1000
27.440
27.435
27.430
27.425
27.420
32.02
31.98
31.94
0
20
40
60
80
100

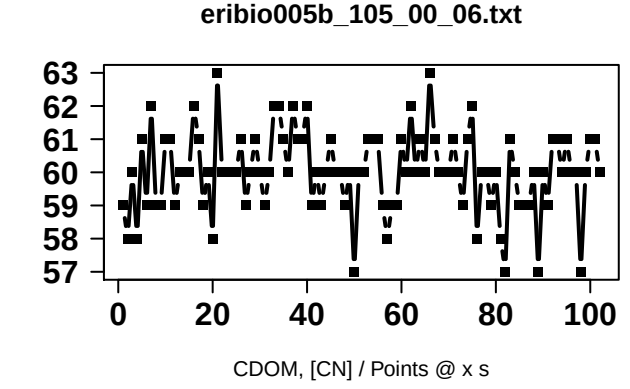

eribio005b_104_00_06.txt
64
63
62
61
60
59
58
57
0
20
40
60
80
100
CDOM, [CN] / Points @ x s

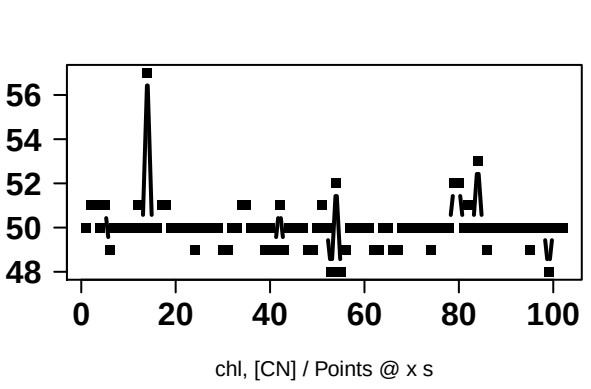

52
51
50
49
48
0
20
40
60
80
100
chl, [CN] / Points @ x s

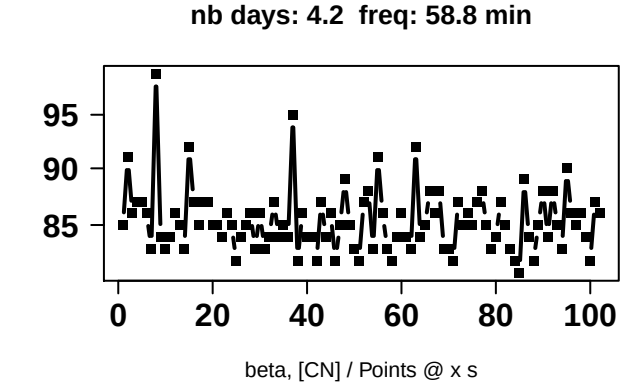

nb days: 4.4 freq: 56.3 min
92
90
88
86
84
82
0
20
40
60
80
100
beta, [CN] / Points @ x s

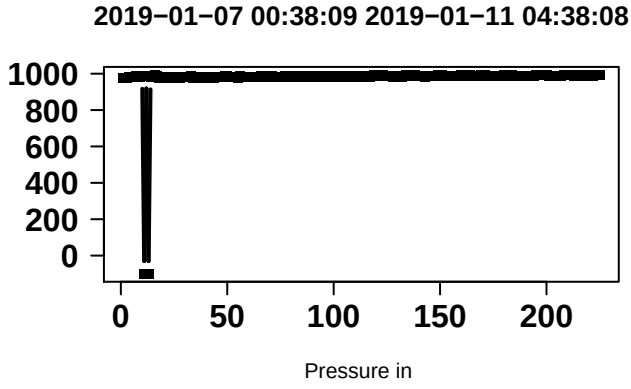

2019−01−02 05:29:12 2019−01−06 09:29:11
1000
800
600
400
200
0
0
50
100
150
200
Pressure in

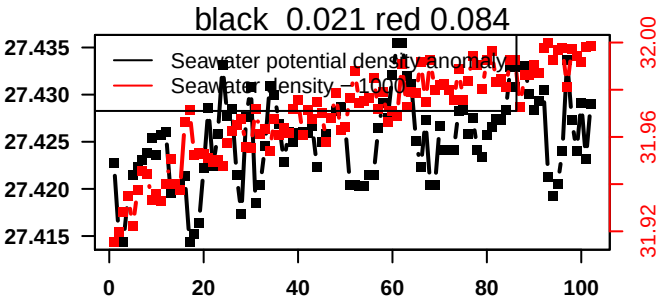

black 0.023 red 0.098
Seawater potential density anomaly
Seawater density − 1000
27.445
27.440
27.435
27.430
27.425
32.06
32.02
31.98
0
20
40
60
80
100

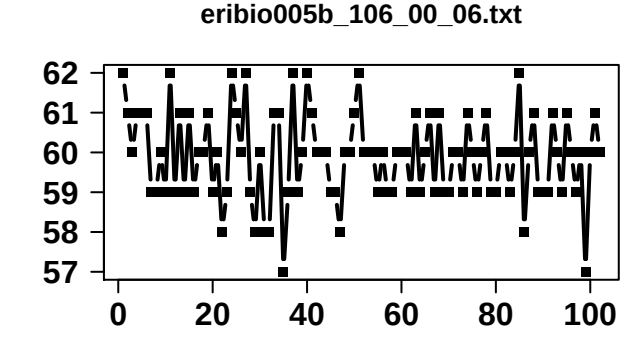

eribio005b_105_00_06.txt
63
62
61
60
59
58
57
0
20
40
60
80
100
CDOM, [CN] / Points @ x s

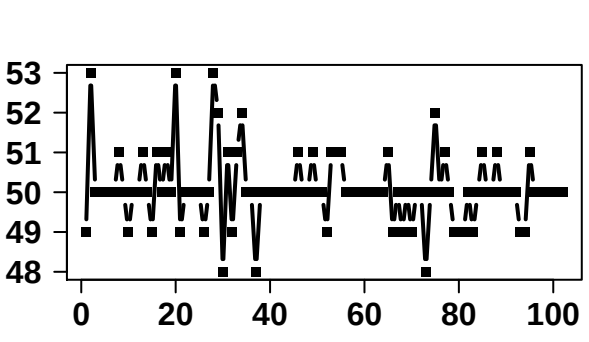

56
54
52
50
48
0
20
40
60
80
100
chl, [CN] / Points @ x s

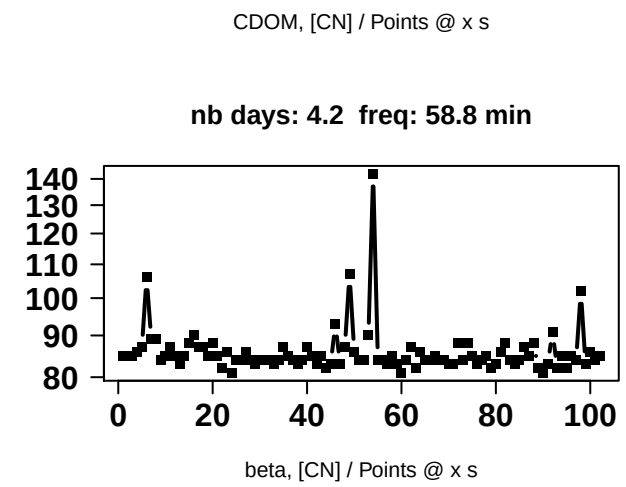

nb days: 4.2 freq: 58.8 min
95
90
85
0
20
40
60
80
100
beta, [CN] / Points @ x s

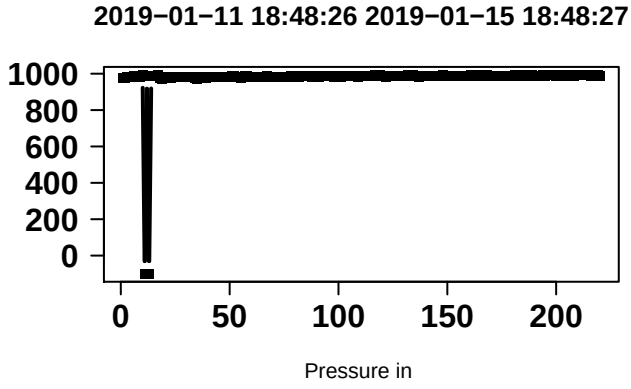

2019−01−07 00:38:09 2019−01−11 04:38:08
1000
800
600
400
200
0
0
50
100
150
200
Pressure in

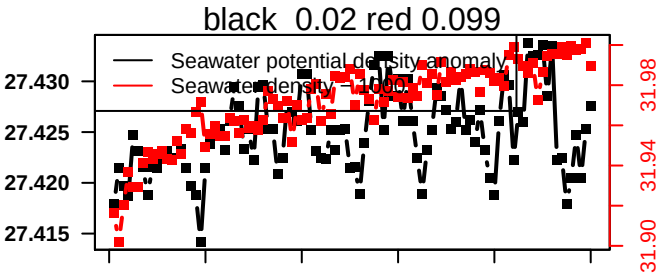

black 0.021 red 0.084
Seawater potential density anomaly
Seawater density − 1000
27.435
27.430
27.425
27.420
27.415
32.00
31.96
31.92
0
20
40
60
80
100

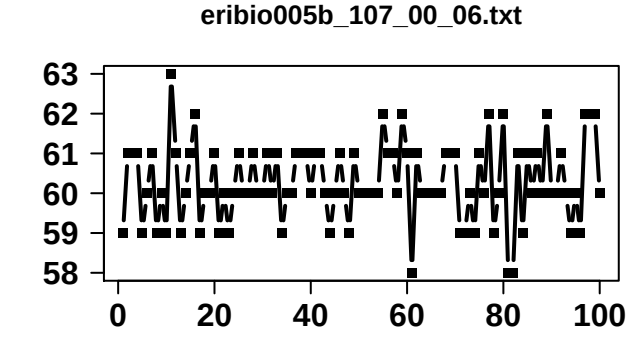

eribio005b_106_00_06.txt
62
61
60
59
58
57
0
20
40
60
80
100
CDOM, [CN] / Points @ x s

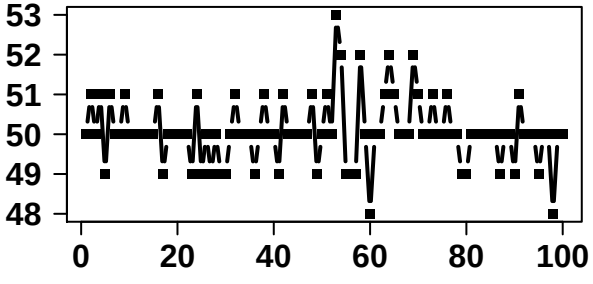

53
52
51
50
49
48
0
20
40
60
80
100
chl, [CN] / Points @ x s

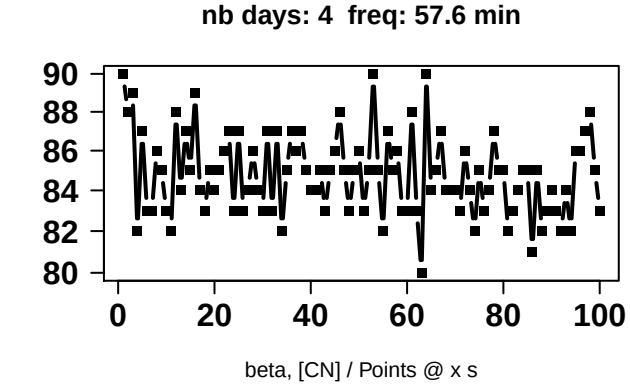

nb days: 4.2 freq: 58.8 min
140
130
120
110
100
90
80
0
20
40
60
80
100
beta, [CN] / Points @ x s

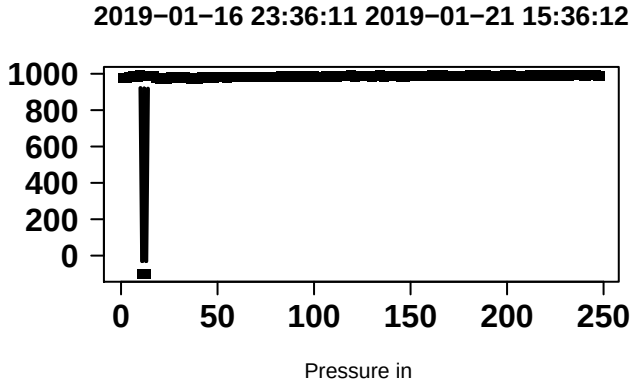

2019−01−11 18:48:26 2019−01−15 18:48:27
1000
800
600
400
200
0
0
50
100
150
200
Pressure in

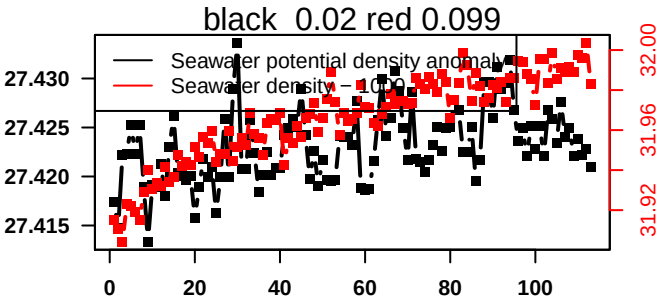

black 0.02 red 0.099
Seawater potential density anomaly
Seawater density
27.430
27.425
27.420
27.415
31.98
31.94
31.90
0
20
40
60
80
100

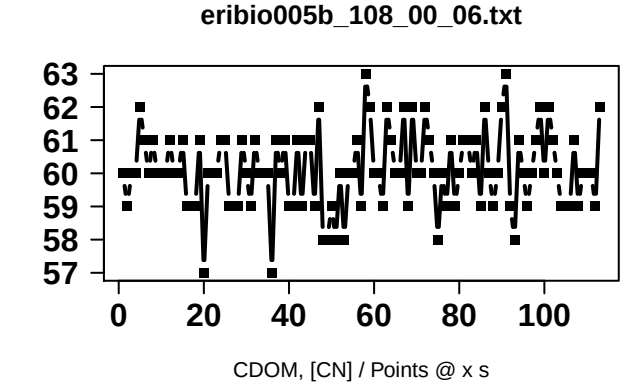

eribio005b_107_00_06.txt
63
62
61
60
59
58
0
20
40
60
80
100
CDOM, [CN] / Points @ x s

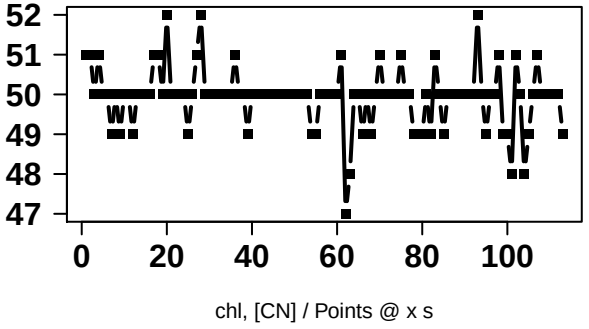

53
52
51
50
49
48
0
20
40
60
80
100
chl, [CN] / Points @ x s

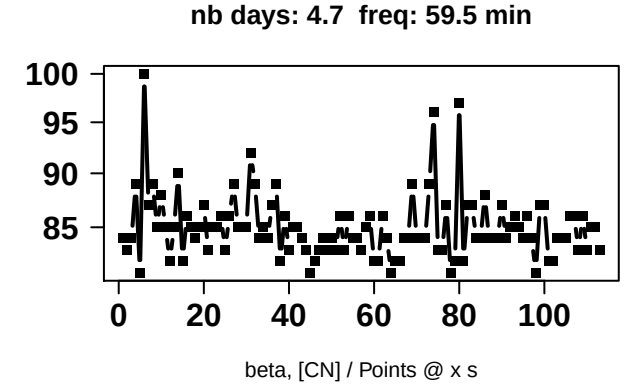

nb days: 4 freq: 57.6 min
90
88
86
84
82
80
0
20
40
60
80
100
beta, [CN] / Points @ x s

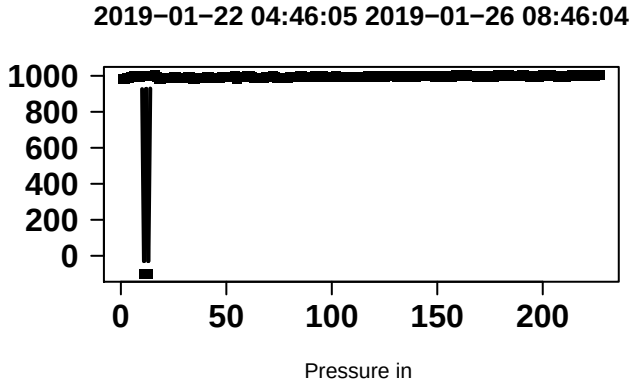

2019−01−16 23:36:11 2019−01−21 15:36:12
1000
800
600
400
200
0
0
50
100
150
200
250
Pressure in

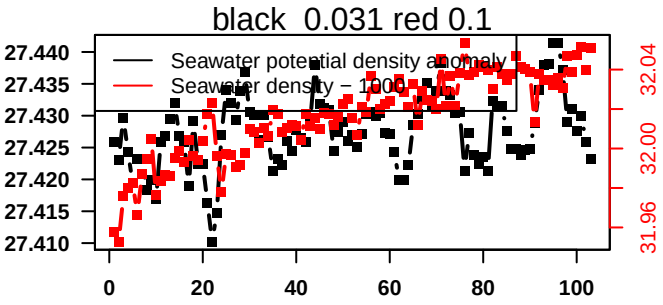

black 0.02 red 0.099
Seawater potential density anomaly
Seawater density − 1000
27.430
27.425
27.420
27.415
32.00
31.96
31.92
0
20
40
60
80
100

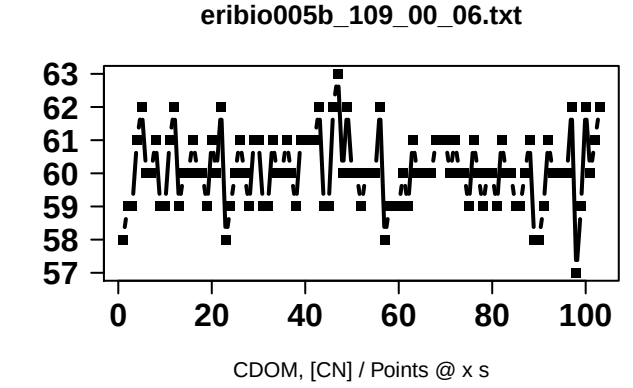

eribio005b_108_00_06.txt
63
62
61
60
59
58
57
0
20
40
60
80
100
CDOM, [CN] / Points @ x s

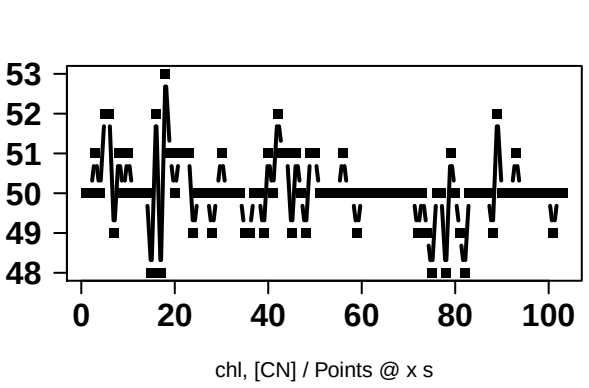

52
51
50
49
48
47
0
20
40
60
80
100
chl, [CN] / Points @ x s

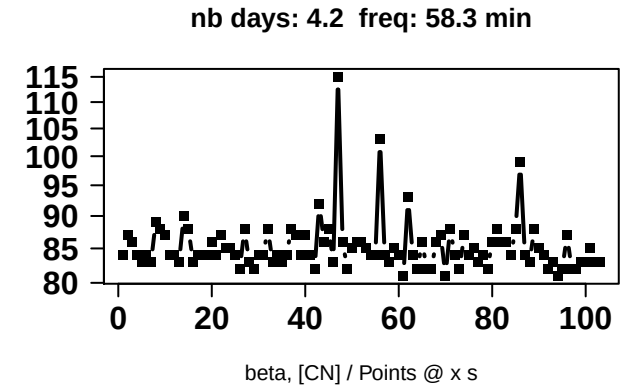

nb days: 4.7 freq: 59.5 min
100
95
90
85
0
20
40
60
80
100
beta, [CN] / Points @ x s

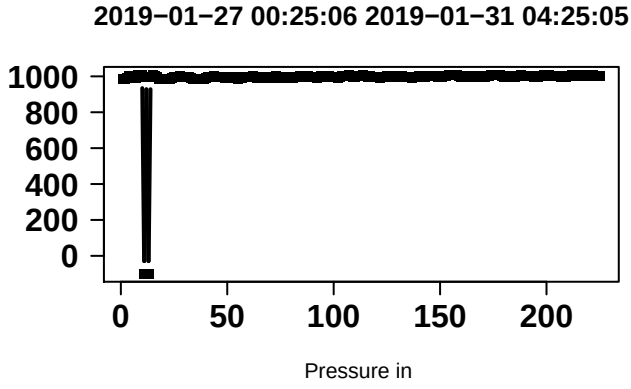

2019−01−22 04:46:05 2019−01−26 08:46:04
1000
800
600
400
200
0
0
50
100
150
200
Pressure in

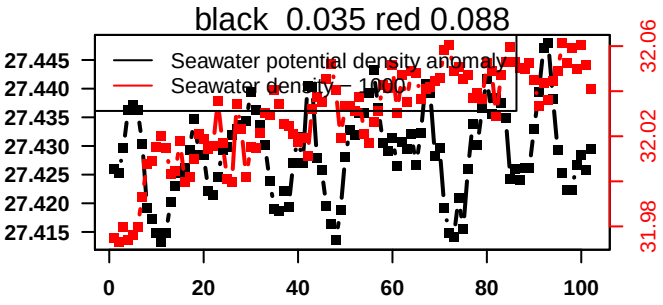

black 0.031 red 0.1
Seawater potential density anomaly
Seawater density − 1000
27.440
27.435
27.430
27.425
27.420
27.415
27.410
32.04
32.00
31.96
0
20
40
60
80
100

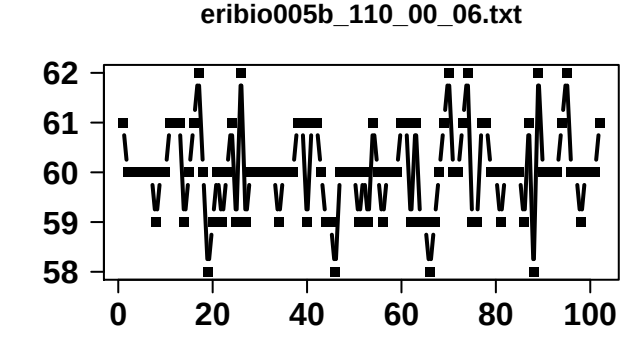

eribio005b_109_00_06.txt
63
62
61
60
59
58
57
0
20
40
60
80
100
CDOM, [CN] / Points @ x s

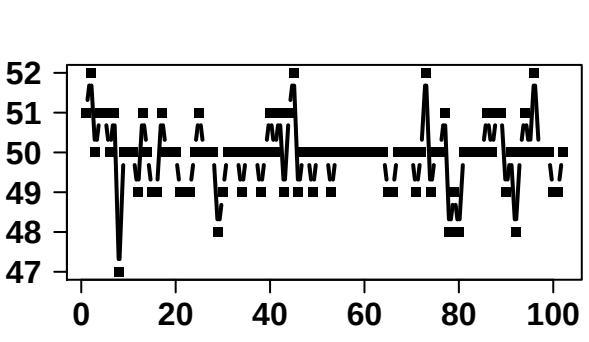

53
52
51
50
49
48
0
20
40
60
80
100
chl, [CN] / Points @ x s

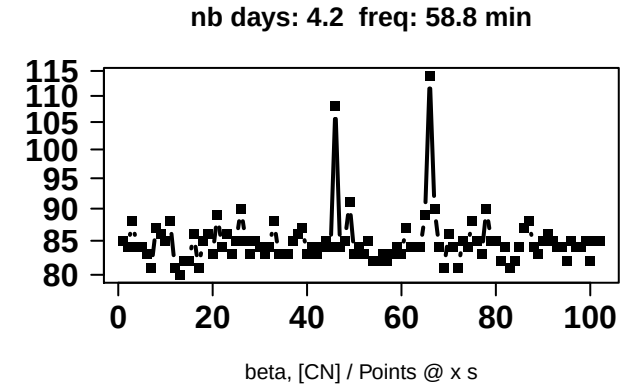

nb days: 4.2 freq: 58.3 min
115
110
105
100
95
90
85
80
0
20
40
60
80
100
beta, [CN] / Points @ x s

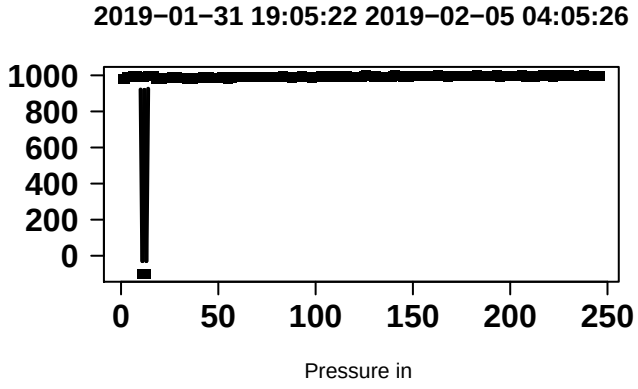

2019−01−27 00:25:06 2019−01−31 04:25:05
1000
800
600
400
200
0
0
50
100
150
200
Pressure in

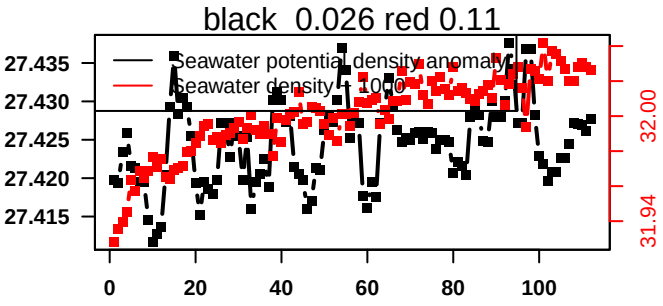

black 0.035 red 0.088
Seawater potential density anomaly
Seawater density − 1000
27.445
27.440
27.435
27.430
27.425
27.420
27.415
32.06
32.02
31.98
0
20
40
60
80
100

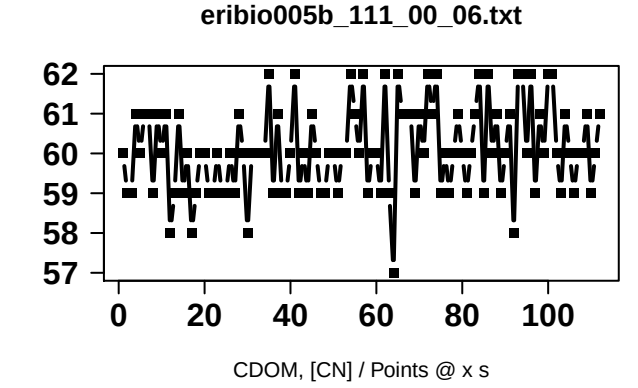

eribio005b_110_00_06.txt
62
61
60
59
58
0
20
40
60
80
100
CDOM, [CN] / Points @ x s

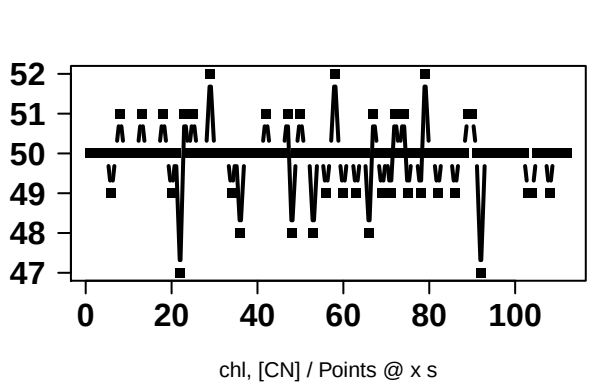

52
51
50
49
48
47
0
20
40
60
80
100
chl, [CN] / Points @ x s

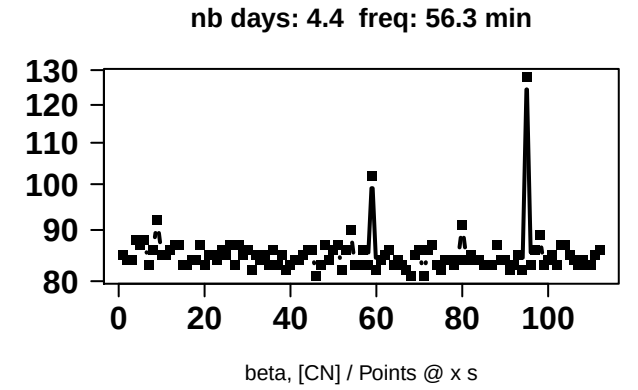

nb days: 4.2 freq: 58.8 min
115
110
105
100
95
90
85
80
0
20
40
60
80
100
beta, [CN] / Points @ x s

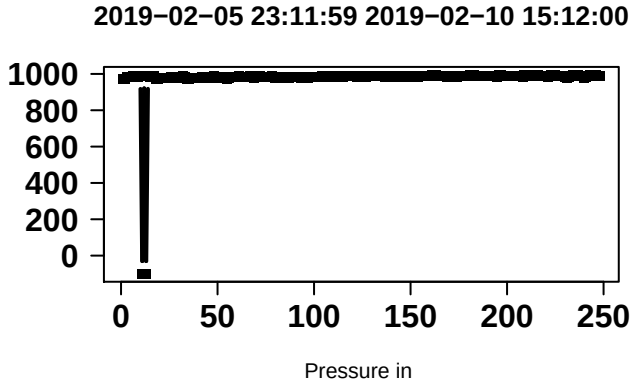

2019−01−31 19:05:22 2019−02−05 04:05:26
1000
800
600
400
200
0
0
50
100
150
200
250
Pressure in

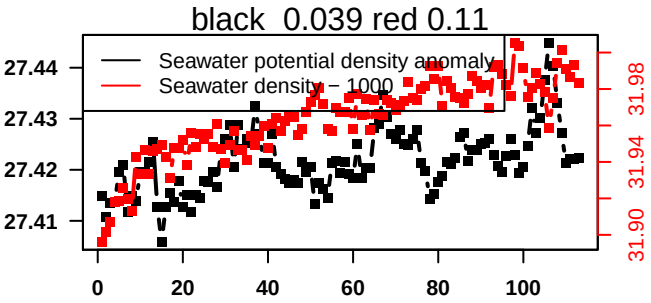

black 0.026 red 0.11
Seawater potential density anomaly (...
Seawater density − 1000
27.435
27.430
27.425
27.420
27.415
0
20
40
60
80
100
32.00
31.94

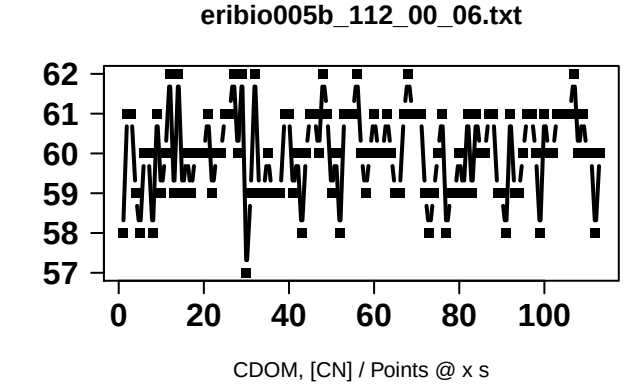

eribio005b_111_00_06.txt
62
61
60
59
58
57
0
20
40
60
80
100
CDOM, [CN] / Points @ x s

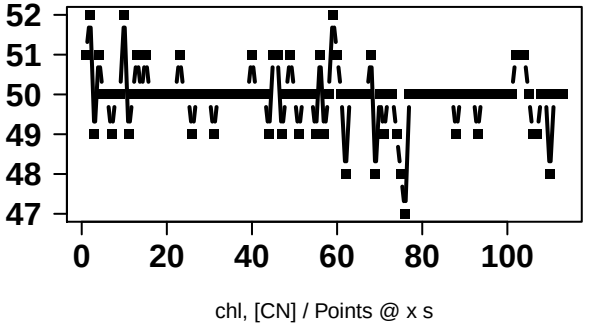

52
51
50
49
48
47
0
20
40
60
80
100
chl, [CN] / Points @ x s

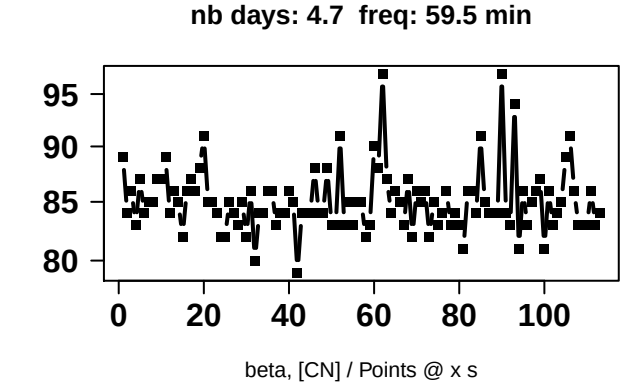

nb days: 4.4 freq: 56.3 min
130
120
110
100
90
80
0
20
40
60
80
100
beta, [CN] / Points @ x s

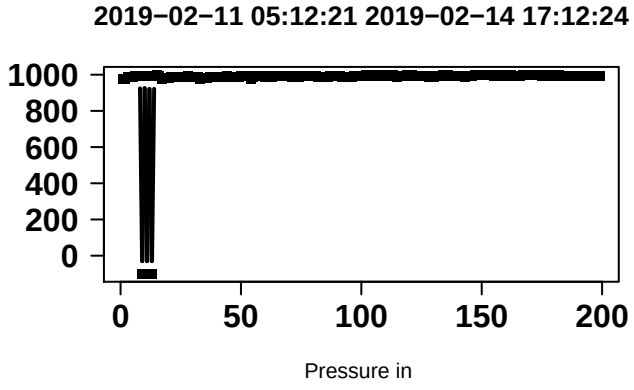

2019−02−05 23:11:59 2019−02−10 15:12:00
1000
800
600
400
200
0
0
50
100
150
200
250
Pressure in

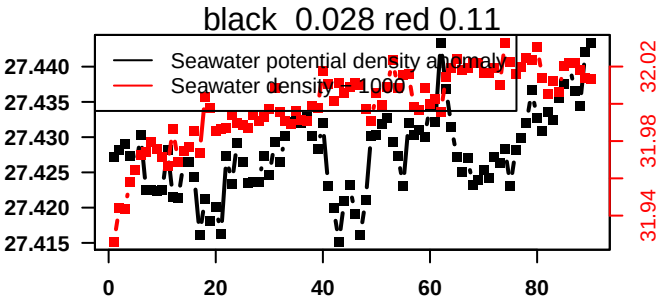

black 0.039 red 0.11
Seawater potential density anomaly
Seawater density − 1000
27.44
27.43
27.42
27.41
31.98
31.94
31.90
0
20
40
60
80
100

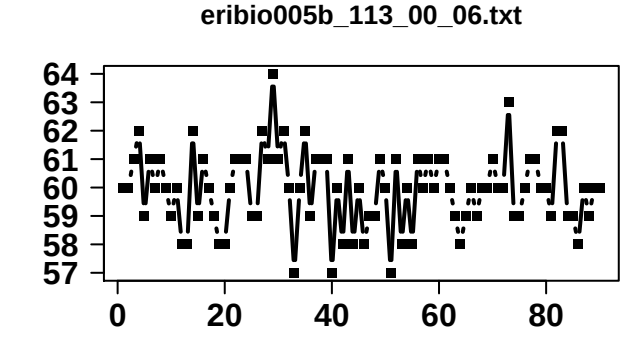

eribio005b_112_00_06.txt
62
61
60
59
58
57
0
20
40
60
80
100
CDOM, [CN] / Points @ x s

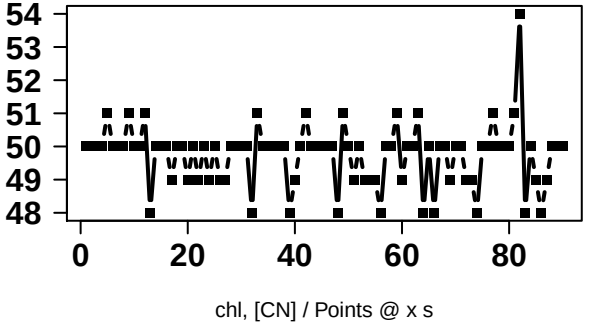

52
51
50
49
48
47
0
20
40
60
80
100
chl, [CN] / Points @ x s

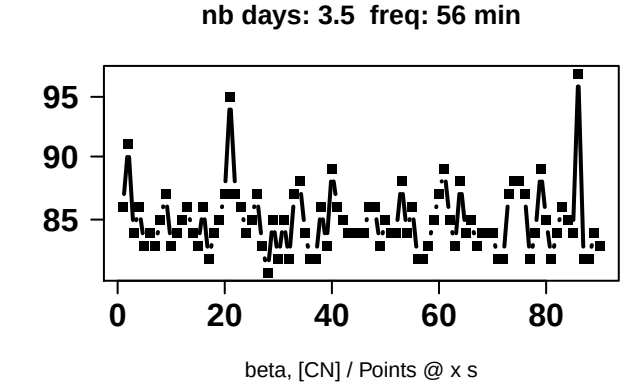

nb days: 4.7 freq: 59.5 min
95
90
85
80
0
20
40
60
80
100
beta, [CN] / Points @ x s

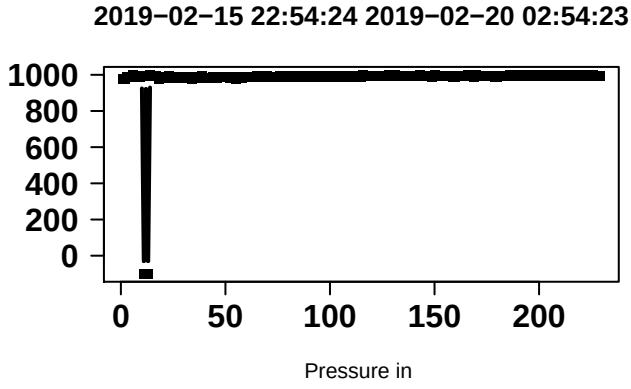

2019−02−11 05:12:21 2019−02−14 17:12:24
1000
800
600
400
200
0
0
50
100
150
200
Pressure in

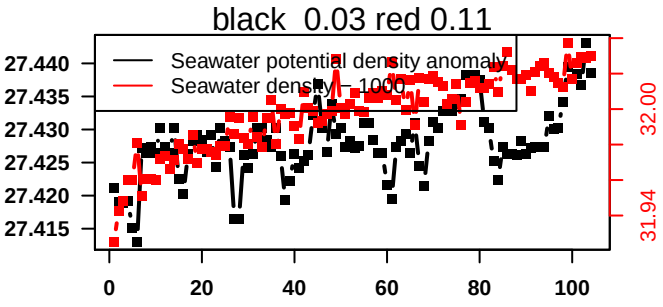

black 0.028 red 0.11
Seawater potential density anomaly
Seawater density − 1000
27.440
27.435
27.430
27.425
27.420
27.415
0
20
40
60
80
32.02
31.98
31.94

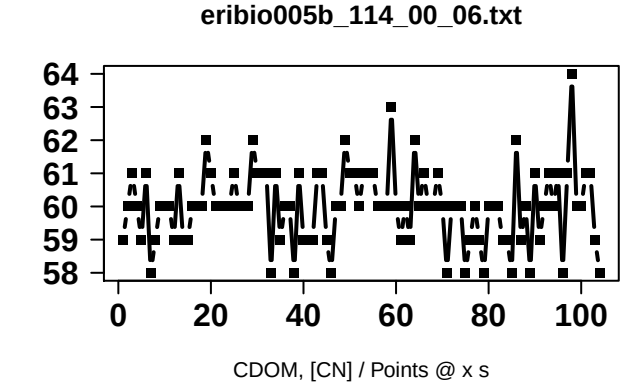

eribio005b_113_00_06.txt
64
63
62
61
60
59
58
57
0
20
40
60
80
CDOM, [CN] / Points @ x s

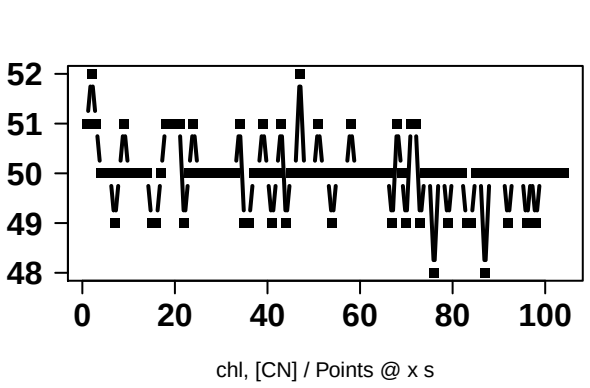

54
53
52
51
50
49
48
0
20
40
60
80
chl, [CN] / Points @ x s

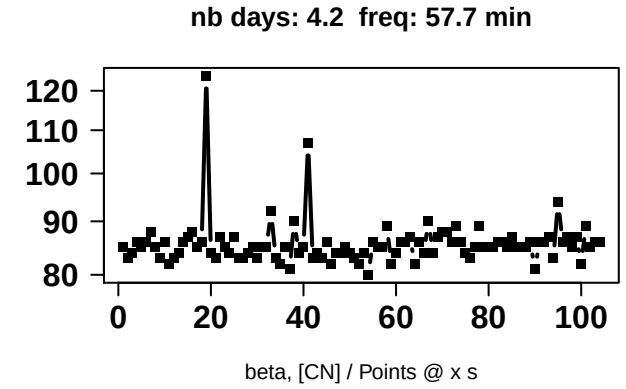

nb days: 3.5 freq: 56 min
95
90
85
0
20
40
60
80
beta, [CN] / Points @ x s

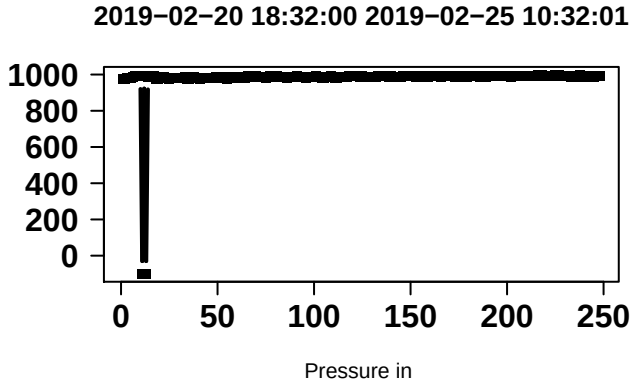

2019−02−15 22:54:24 2019−02−20 02:54:23
1000
800
600
400
200
0
0
50
100
150
200
Pressure in

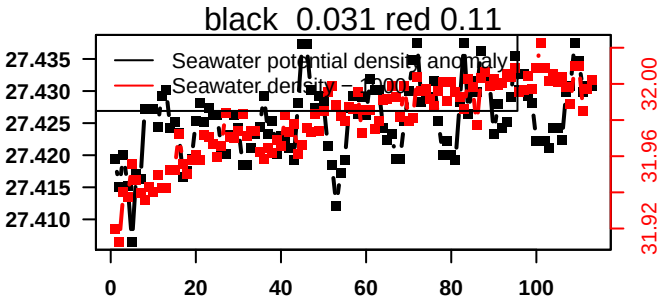

black 0.03 red 0.11
Seawater potential density anomaly
Seawater density − 1000
27.440
27.435
27.430
27.425
27.420
27.415
32.00
31.94
0
20
40
60
80
100

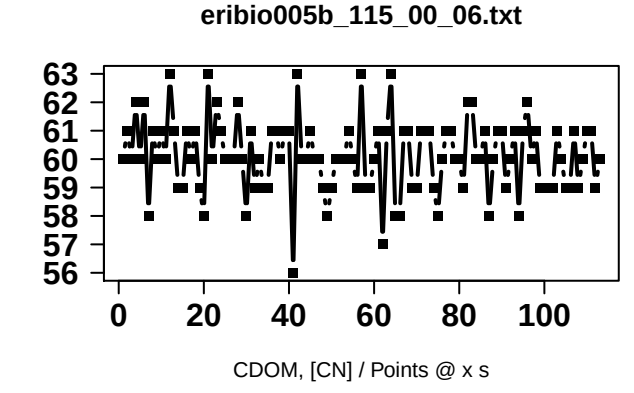

eribio005b_114_00_06.txt
64
63
62
61
60
59
58
0
20
40
60
80
100
CDOM, [CN] / Points @ x s

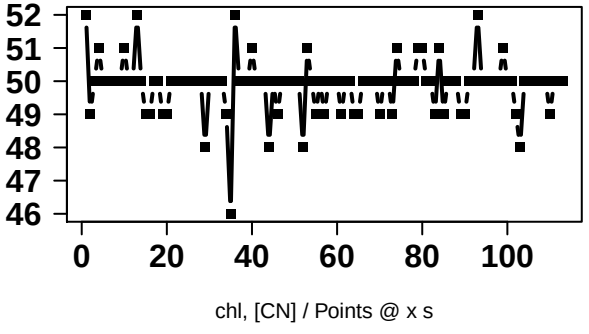

52
51
50
49
48
0
20
40
60
80
100
chl, [CN] / Points @ x s

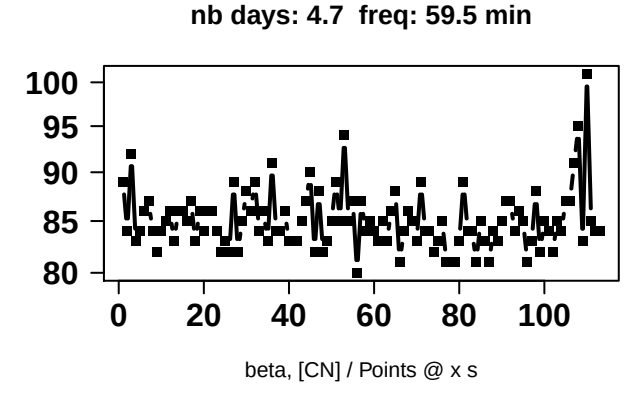

nb days: 4.2 freq: 57.7 min
120
110
100
90
80
0
20
40
60
80
100
beta, [CN] / Points @ x s

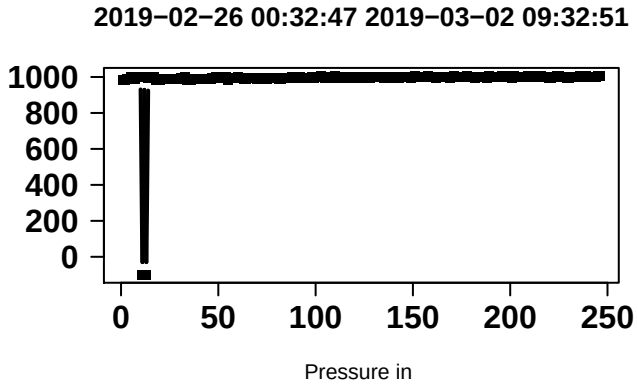

2019−02−20 18:32:00 2019−02−25 10:32:01
1000
800
600
400
200
0
0
50
100
150
200
250
Pressure in

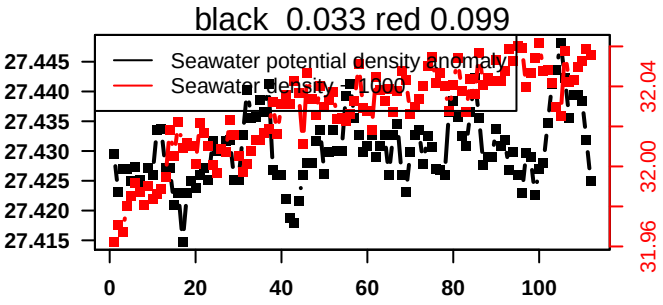

black 0.031 red 0.11
Seawater potential density anomaly
Seawater density − 1000
27.435
27.430
27.425
27.420
27.415
27.410
0
20
40
60
80
100
32.00
31.96
31.92

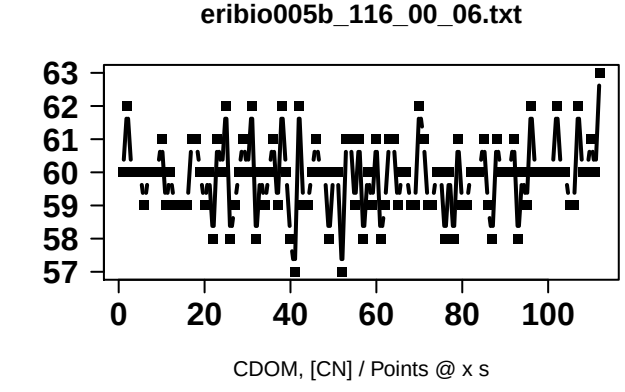

eribio005b_115_00_06.txt
63
62
61
60
59
58
57
56
0
20
40
60
80
100
CDOM, [CN] / Points @ x s

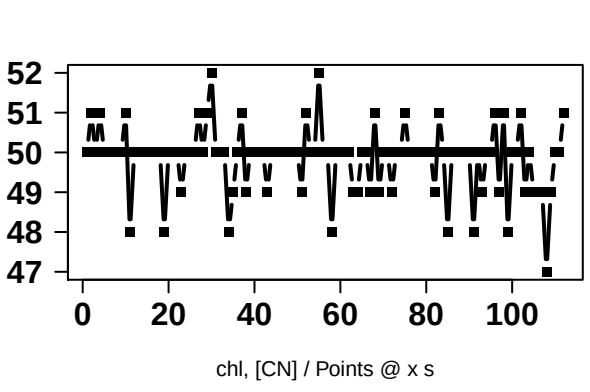

52
51
50
49
48
47
46
0
20
40
60
80
100
chl, [CN] / Points @ x s

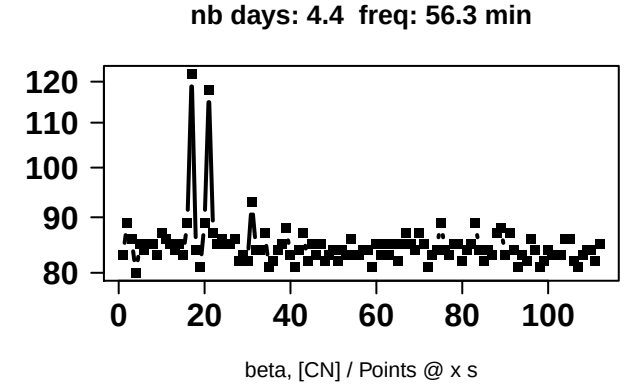

nb days: 4.7 freq: 59.5 min
100
95
90
85
80
0
20
40
60
80
100
beta, [CN] / Points @ x s

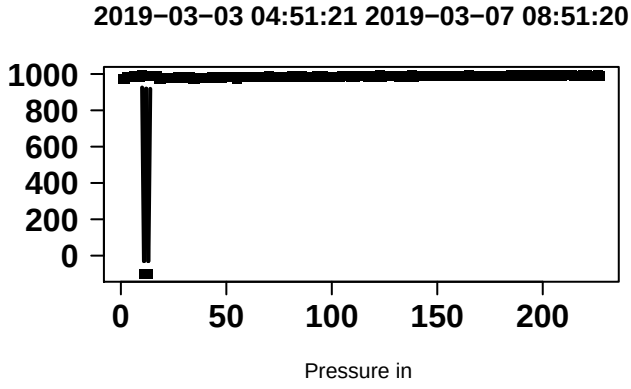

2019−02−26 00:32:47 2019−03−02 09:32:51
1000
800
600
400
200
0
0
50
100
150
200
250
Pressure in

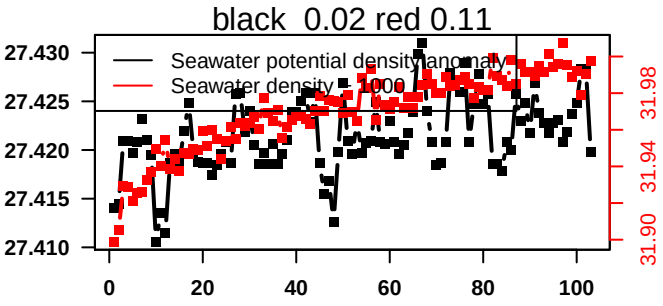

black 0.033 red 0.099
Seawater potential density anomaly
Seawater density − 1000
27.445
27.440
27.435
27.430
27.425
27.420
27.415
32.04
32.00
31.96
0
20
40
60
80
100

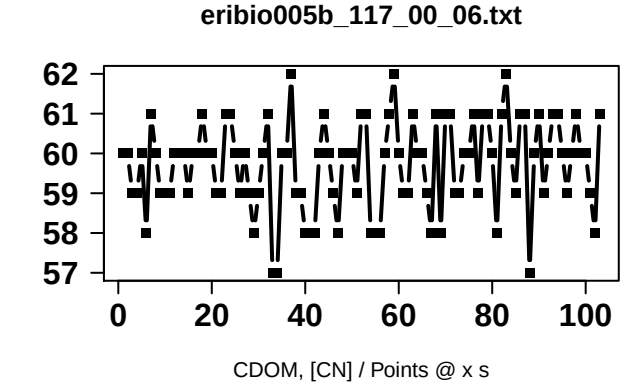

eribio005b_116_00_06.txt
63
62
61
60
59
58
57
0
20
40
60
80
100
CDOM, [CN] / Points @ x s

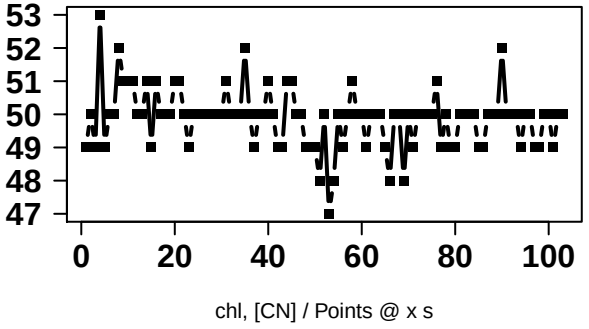

52
51
50
49
48
47
0
20
40
60
80
100
chl, [CN] / Points @ x s

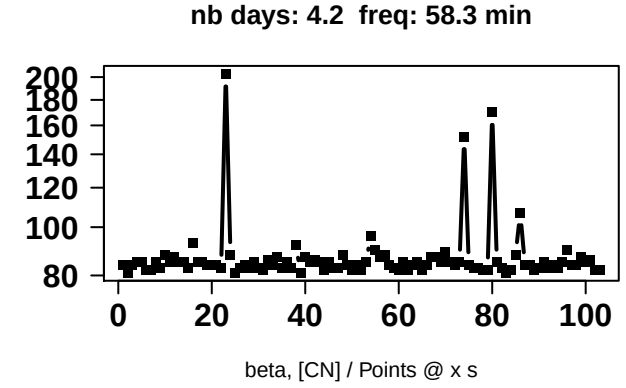

nb days: 4.4 freq: 56.3 min
120
110
100
90
80
0
20
40
60
80
100
beta, [CN] / Points @ x s

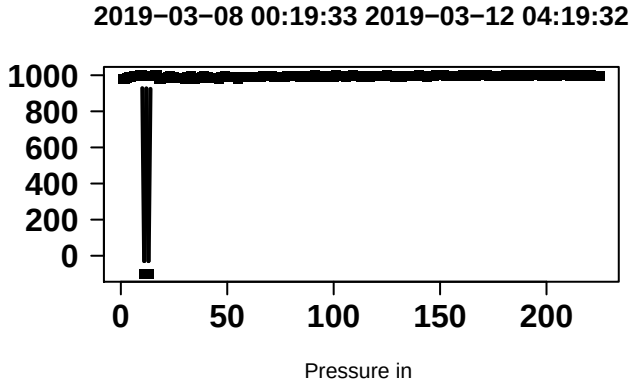

2019−03−03 04:51:21 2019−03−07 08:51:20
1000
800
600
400
200
0
0
50
100
150
200
Pressure in

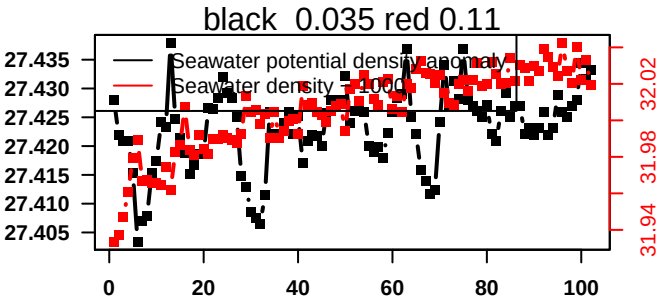

black 0.02 red 0.11
Seawater potential density anomaly
Seawater density − 1000
27.430
27.425
27.420
27.415
27.410
31.98
31.94
31.90
0
20
40
60
80
100

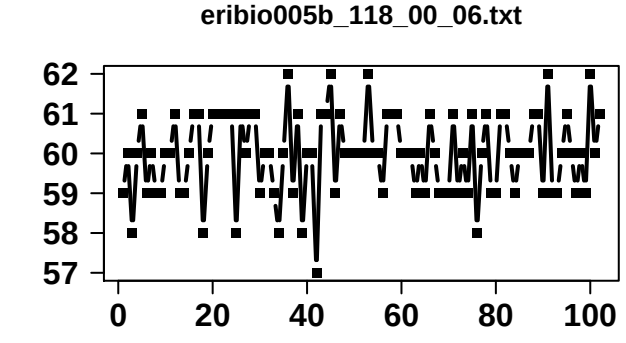

eribio005b_117_00_06.txt
62
61
60
59
58
57
0
20
40
60
80
100
CDOM, [CN] / Points @ x s

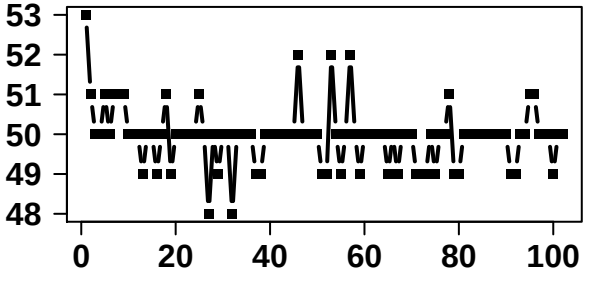

53
52
51
50
49
48
47
0
20
40
60
80
100
chl, [CN] / Points @ x s

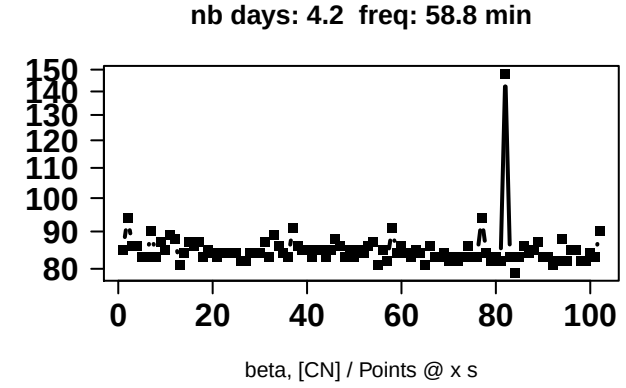

nb days: 4.2 freq: 58.3 min
200
180
160
140
120
100
80
0
20
40
60
80
100
beta, [CN] / Points @ x s

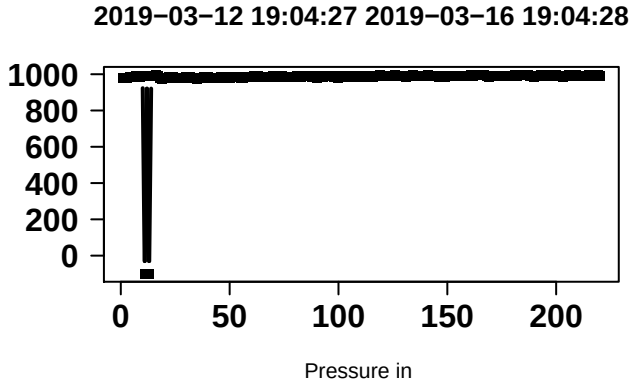

2019−03−08 00:19:33 2019−03−12 04:19:32
1000
800
600
400
200
0
0
50
100
150
200
Pressure in

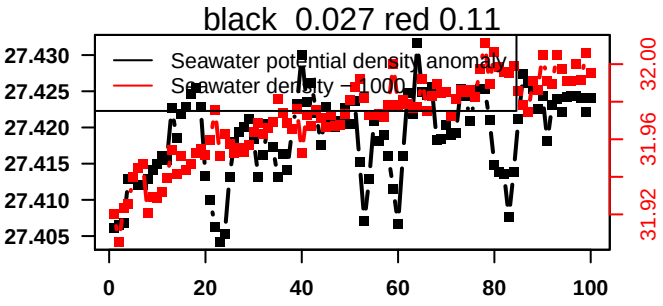

black 0.035 red 0.11
Seawater potential density anomaly
Seawater density − 1000
27.435
27.430
27.425
27.420
27.415
27.410
27.405
32.02
31.98
31.94
0
20
40
60
80
100

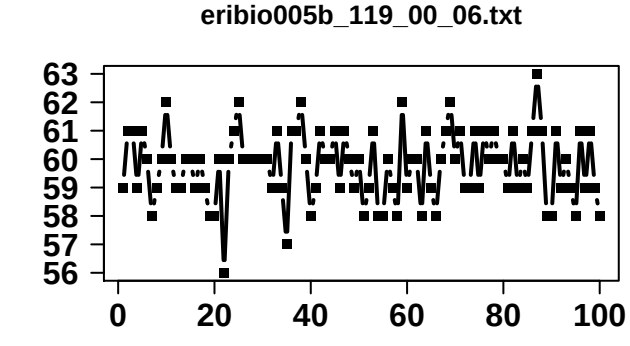

eribio005b_118_00_06.txt
62
61
60
59
58
57
0
20
40
60
80
100
CDOM, [CN] / Points @ x s

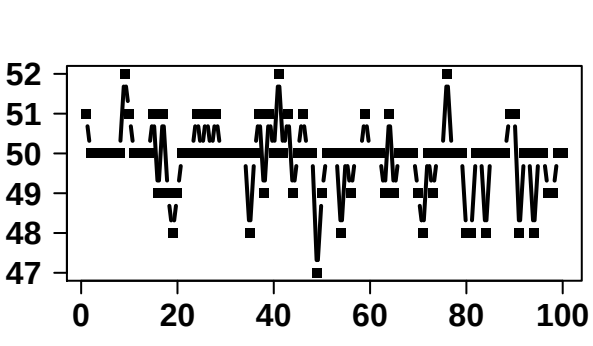

53
52
51
50
49
48
0
20
40
60
80
100
chl, [CN] / Points @ x s

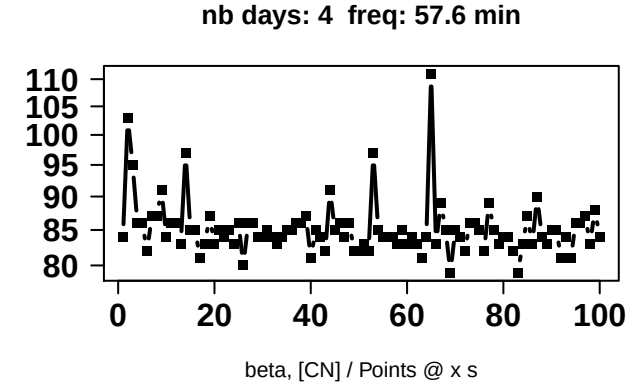

nb days: 4.2 freq: 58.8 min
150
140
130
120
110
100
90
80
0
20
40
60
80
100
beta, [CN] / Points @ x s

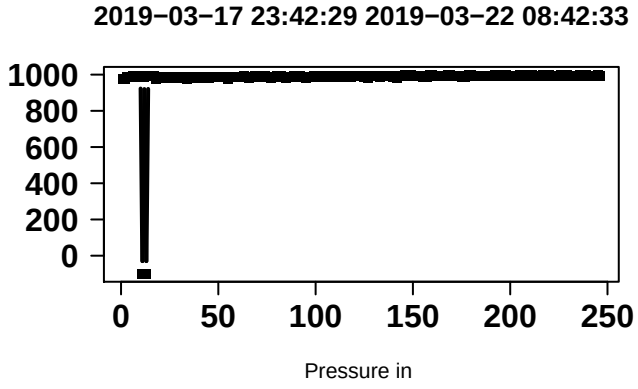

2019−03−12 19:04:27 2019−03−16 19:04:28
1000
800
600
400
200
0
0
50
100
150
200
Pressure in

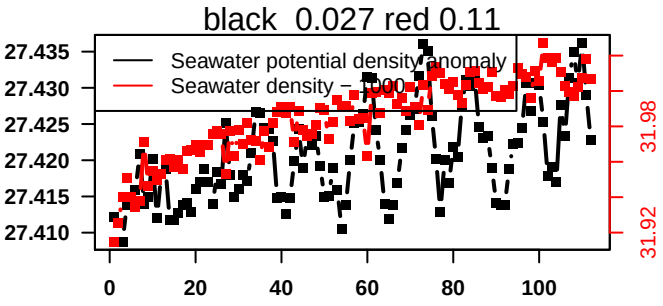

black 0.027 red 0.11
Seawater potential density anomaly
Seawater density − 1000
27.430
27.425
27.420
27.415
27.410
27.405
32.00
31.96
31.92
0
20
40
60
80
100

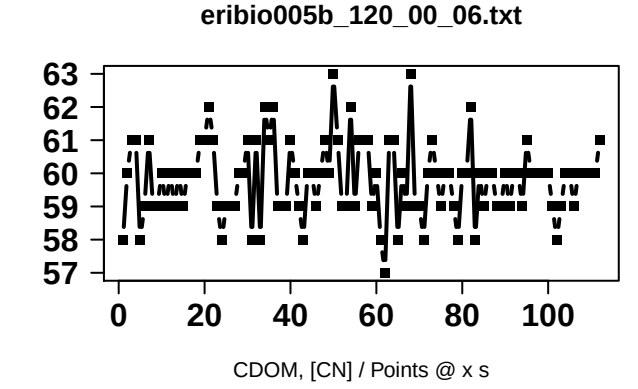

eribio005b_119_00_06.txt
63
62
61
60
59
58
57
56
0
20
40
60
80
100
CDOM, [CN] / Points @ x s

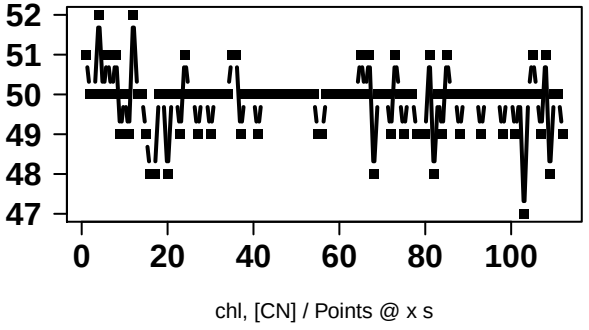

52
51
50
49
48
47
0
20
40
60
80
100
chl, [CN] / Points @ x s

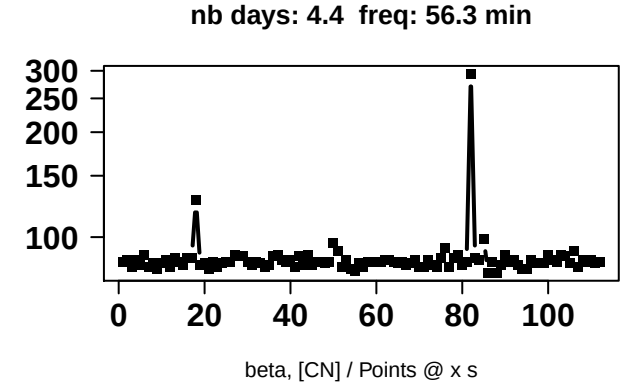

nb days: 4 freq: 57.6 min
110
105
100
95
90
85
80
0
20
40
60
80
100
beta, [CN] / Points @ x s

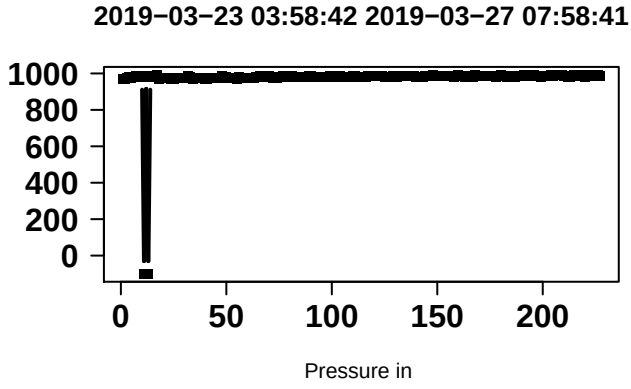

2019−03−17 23:42:29 2019−03−22 08:42:33
1000
800
600
400
200
0
0
50
100
150
200
250
Pressure in

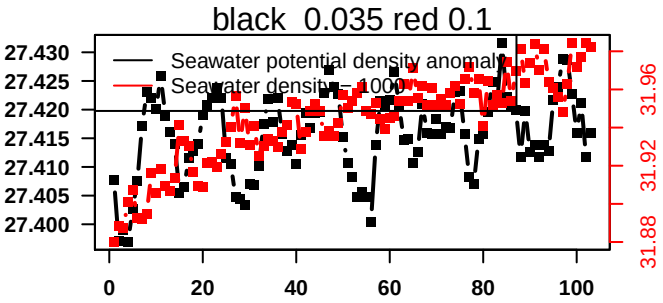

black 0.027 red 0.11
Seawater potential density anomaly
Seawater density − 1000 / kg m−3
27.435
27.430
27.425
27.420
27.415
27.410
31.98
31.92
0
20
40
60
80
100

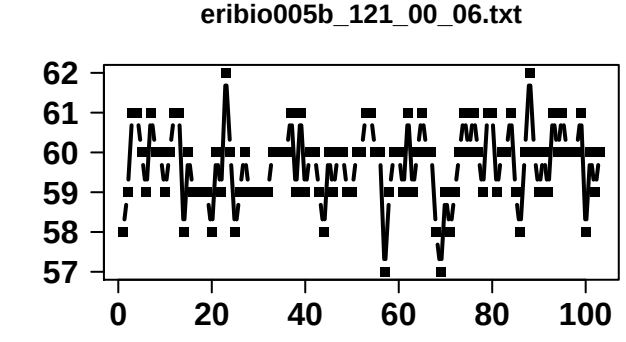

eribio005b_120_00_06.txt
63
62
61
60
59
58
57
0
20
40
60
80
100
CDOM, [CN] / Points @ x s

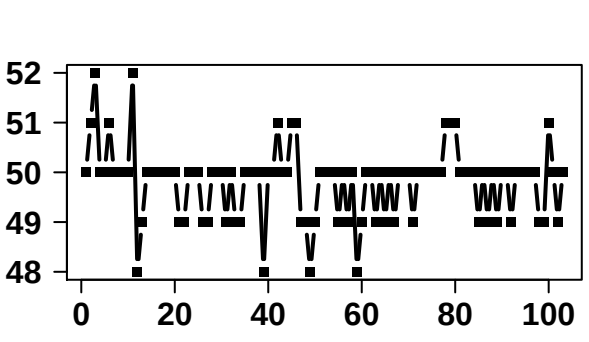

52
51
50
49
48
47
0
20
40
60
80
100
chl, [CN] / Points @ x s

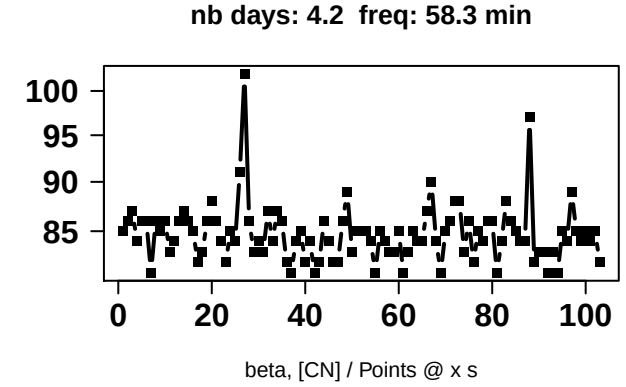

nb days: 4.4 freq: 56.3 min
300
250
200
150
100
0
20
40
60
80
100
beta, [CN] / Points @ x s

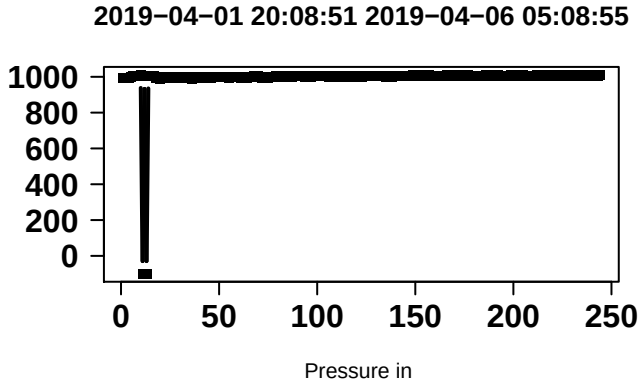

2019−03−23 03:58:42 2019−03−27 07:58:41
1000
800
600
400
200
0
0
50
100
150
200
Pressure in

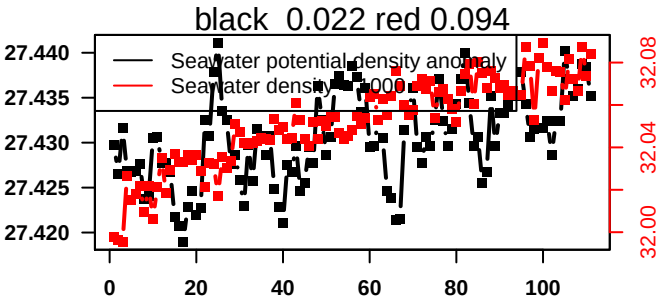

black 0.035 red 0.1
Seawater potential density anomaly
Seawater density − 1000
27.430
27.425
27.420
27.415
27.410
27.405
27.400
31.96
31.92
31.88
0
20
40
60
80
100

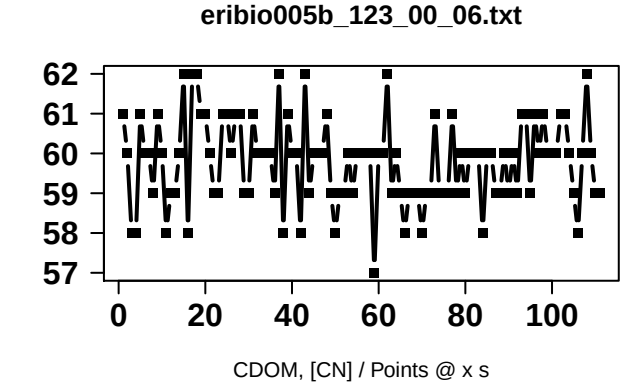

eribio005b_121_00_06.txt
62
61
60
59
58
57
0
20
40
60
80
100
CDOM, [CN] / Points @ x s

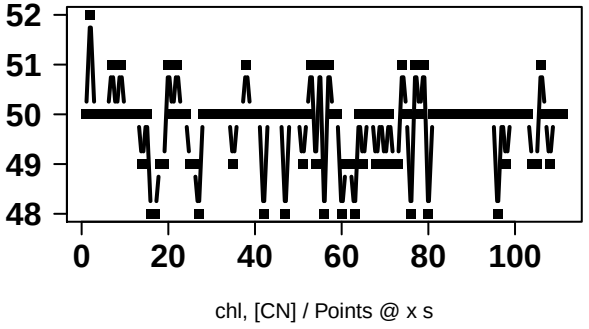

52
51
50
49
48
0
20
40
60
80
100
chl, [CN] / Points @ x s

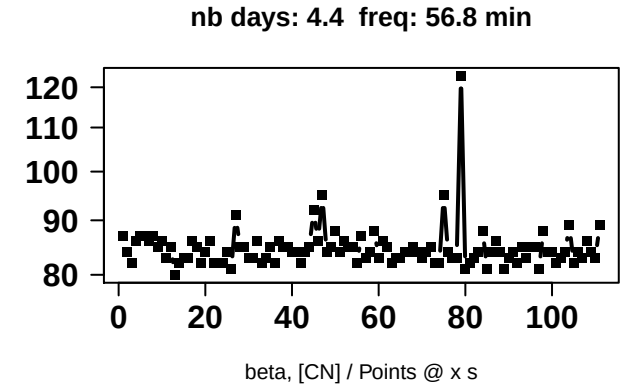

nb days: 4.2 freq: 58.3 min
100
95
90
85
0
20
40
60
80
100
beta, [CN] / Points @ x s

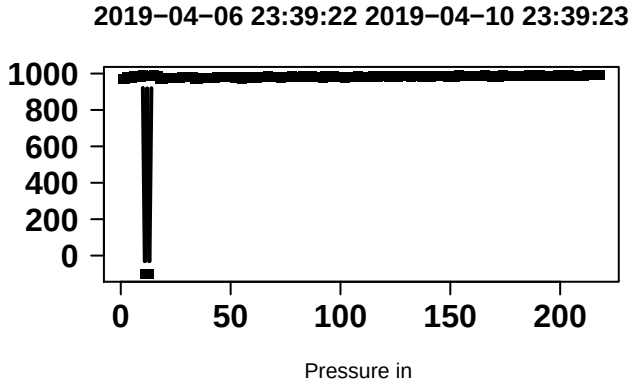

2019−04−01 20:08:51 2019−04−06 05:08:55
1000
800
600
400
200
0
0
50
100
150
200
250
Pressure in

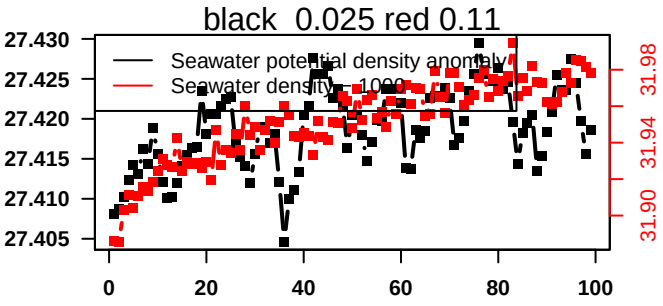

black 0.022 red 0.094
Seawater potential density anomaly
Seawater density
27.440
27.435
27.430
27.425
27.420
32.08
32.04
32.00
0
20
40
60
80
100

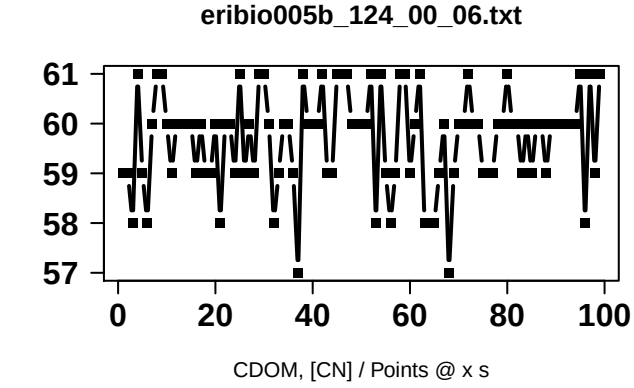

eribio005b_123_00_06.txt
62
61
60
59
58
57
0
20
40
60
80
100
CDOM, [CN] / Points @ x s

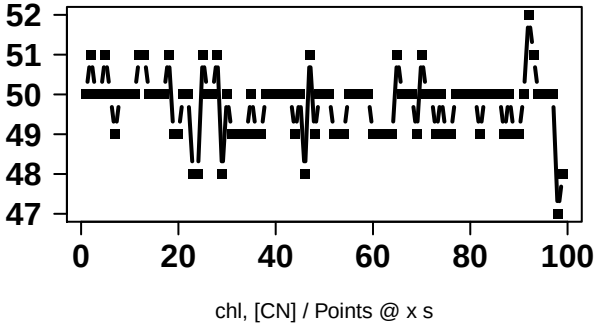

52
51
50
49
48
0
20
40
60
80
100
chl, [CN] / Points @ x s

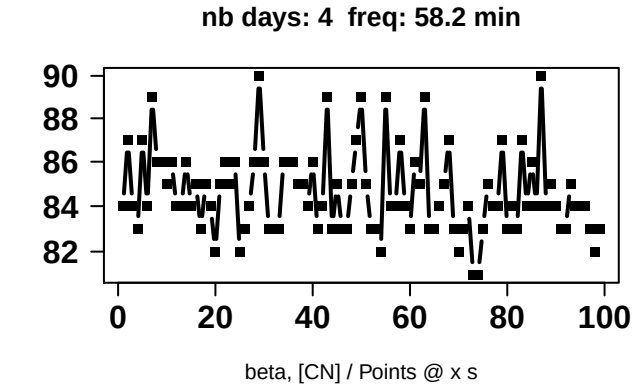

nb days: 4.4 freq: 56.8 min
120
110
100
90
80
0
20
40
60
80
100
beta, [CN] / Points @ x s

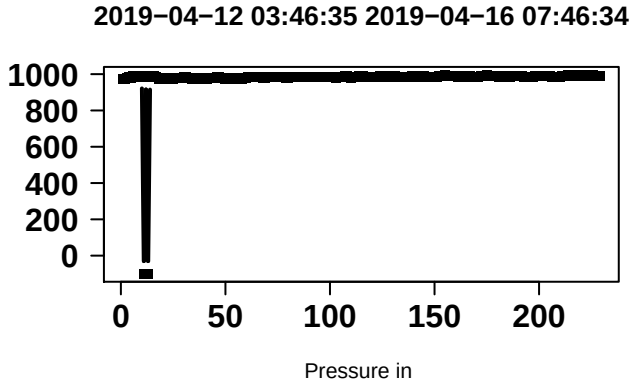

2019−04−06 23:39:22 2019−04−10 23:39:23
1000
800
600
400
200
0
0
50
100
150
200
Pressure in

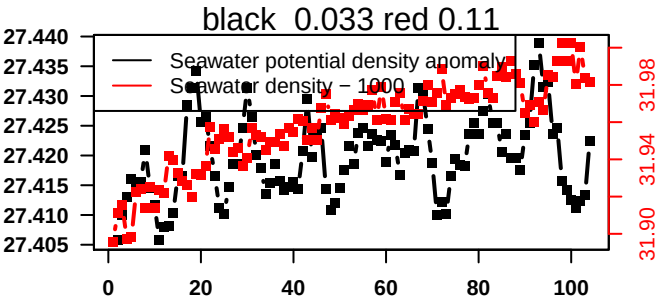

black 0.025 red 0.11
Seawater potential density anomaly
Seawater density − 1000
27.430
27.425
27.420
27.415
27.410
27.405
31.98
31.94
31.90
0
20
40
60
80
100

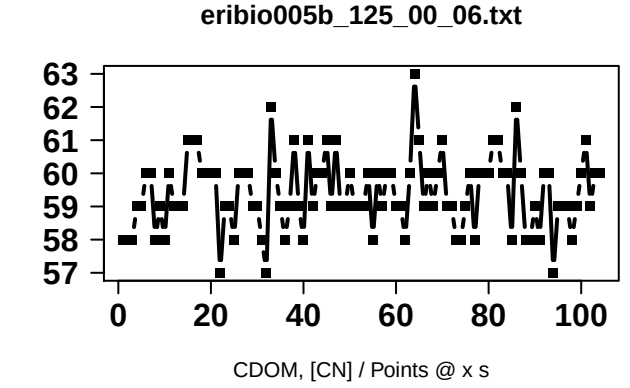

eribio005b_124_00_06.txt
61
60
59
58
57
0
20
40
60
80
100
CDOM, [CN] / Points @ x s

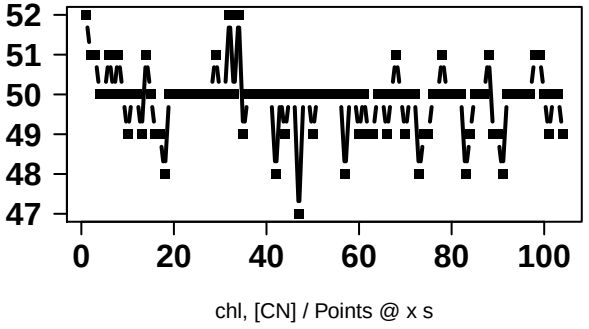

52
51
50
49
48
47
0
20
40
60
80
100
chl, [CN] / Points @ x s

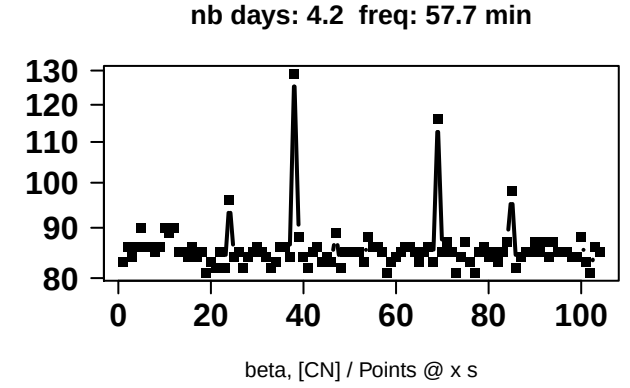

nb days: 4 freq: 58.2 min
90
88
86
84
82
0
20
40
60
80
100
beta, [CN] / Points @ x s

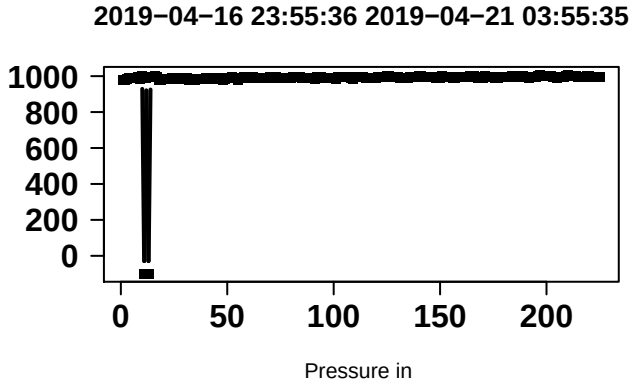

2019−04−12 03:46:35 2019−04−16 07:46:34
1000
800
600
400
200
0
0
50
100
150
200
Pressure in

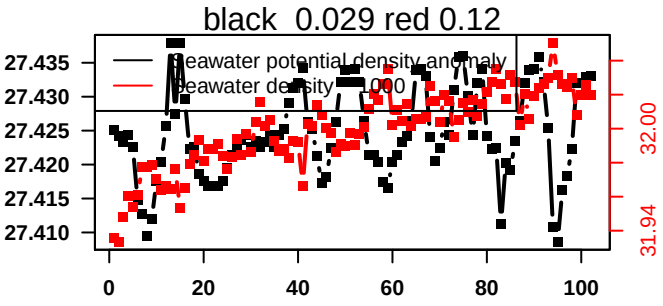

black 0.033 red 0.11
Seawater potential density anomaly
Seawater density − 1000
27.440
27.435
27.430
27.425
27.420
27.415
27.410
27.405
31.98
31.94
31.90
0
20
40
60
80
100

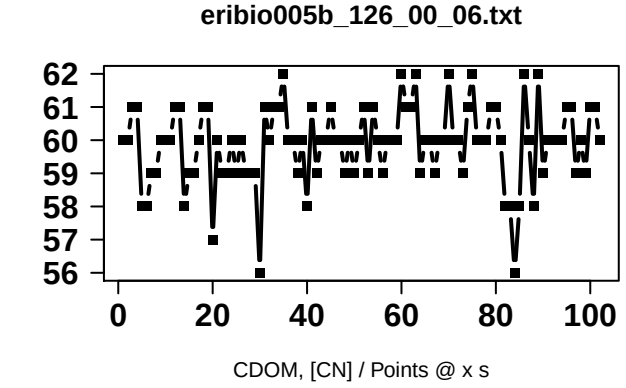

eribio005b_125_00_06.txt
63
62
61
60
59
58
57
0
20
40
60
80
100
CDOM, [CN] / Points @ x s

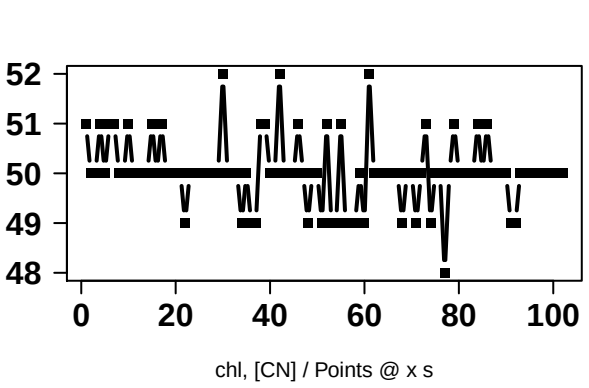

52
51
50
49
48
47
0
20
40
60
80
100
chl, [CN] / Points @ x s

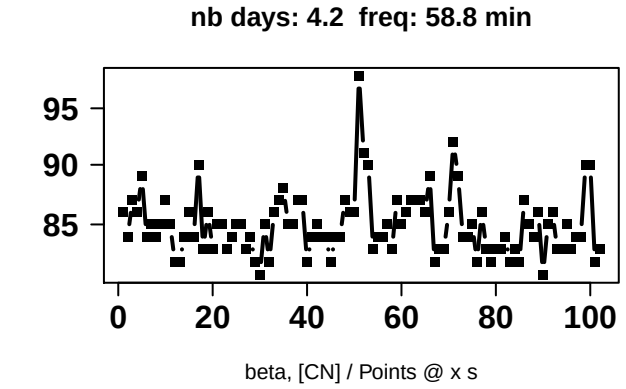

nb days: 4.2 freq: 57.7 min
130
120
110
100
90
80
0
20
40
60
80
100
beta, [CN] / Points @ x s

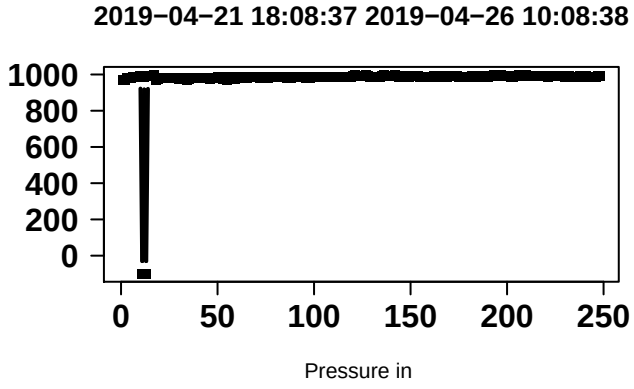

2019−04−16 23:55:36 2019−04−21 03:55:35
1000
800
600
400
200
0
0
50
100
150
200
Pressure in

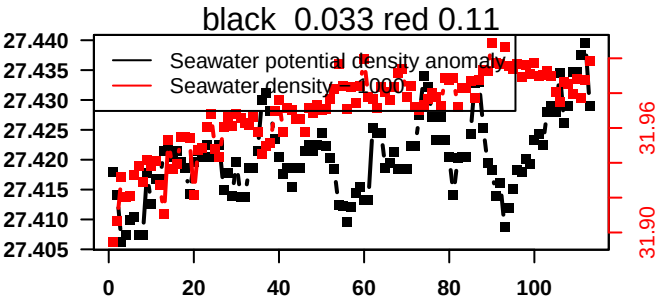

black 0.029 red 0.12
Seawater potential density anomaly
Seawater density − 1000
27.435
27.430
27.425
27.420
27.415
27.410
32.00
31.94
0
20
40
60
80
100

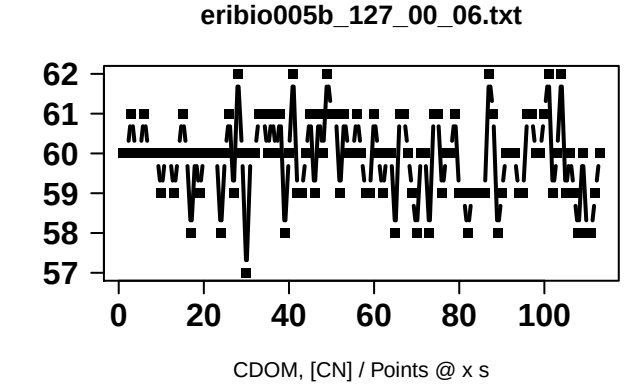

eribio005b_126_00_06.txt
62
61
60
59
58
57
56
0
20
40
60
80
100
CDOM, [CN] / Points @ x s

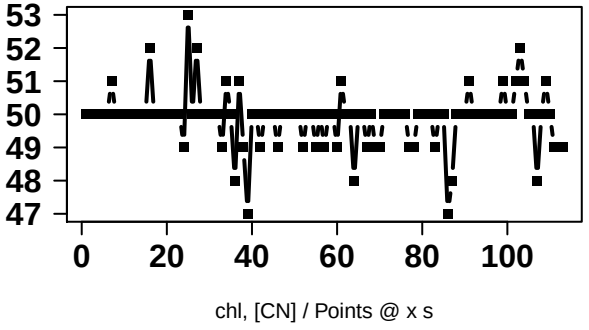

52
51
50
49
48
0
20
40
60
80
100
chl, [CN] / Points @ x s

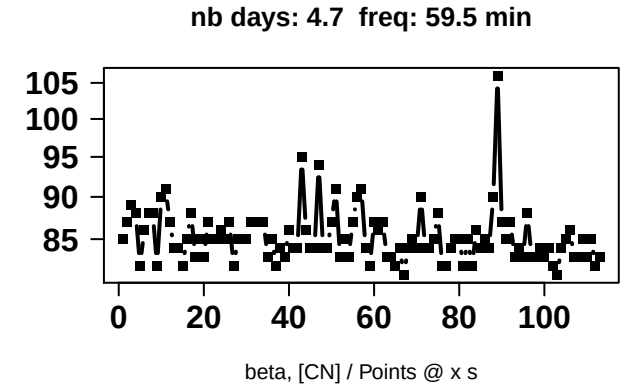

nb days: 4.2 freq: 58.8 min
95
90
85
0
20
40
60
80
100
beta, [CN] / Points @ x s

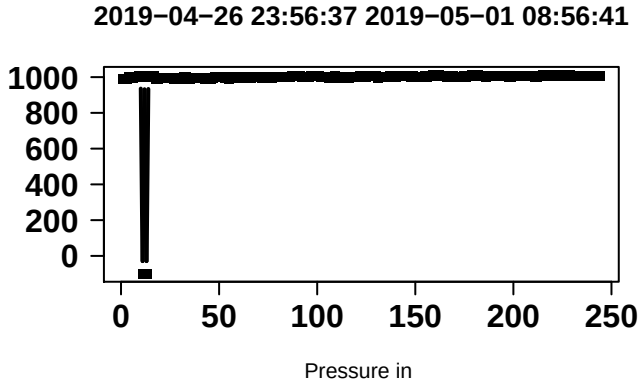

2019−04−21 18:08:37 2019−04−26 10:08:38
1000
800
600
400
200
0
0
50
100
150
200
250
Pressure in

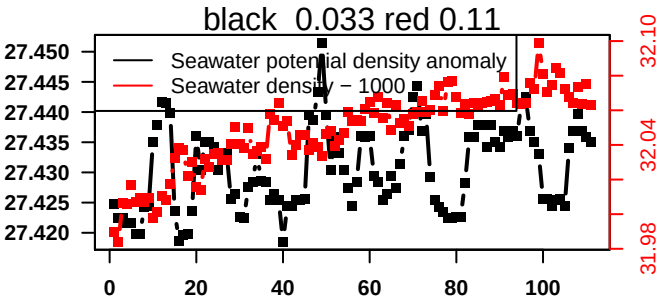

black 0.033 red 0.11
Seawater potential density anomaly
Seawater density − 1000
27.440
27.435
27.430
27.425
27.420
27.415
27.410
27.405
31.96
31.90
0
20
40
60
80
100

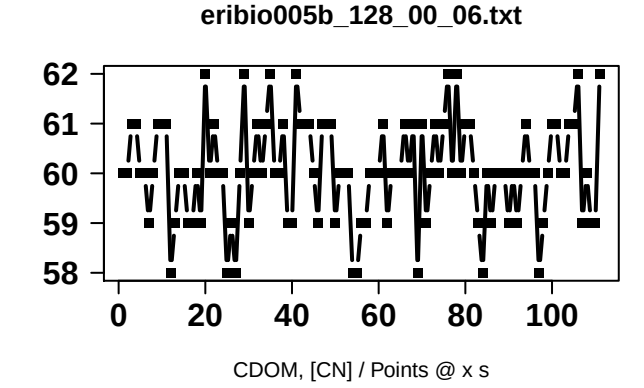

eribio005b_127_00_06.txt
62
61
60
59
58
57
0
20
40
60
80
100
CDOM, [CN] / Points @ x s

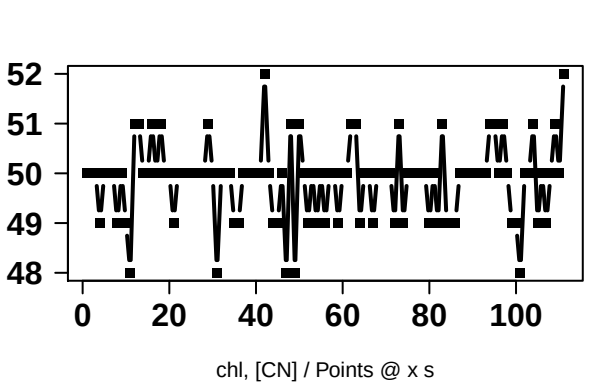

53
52
51
50
49
48
47
0
20
40
60
80
100
chl, [CN] / Points @ x s

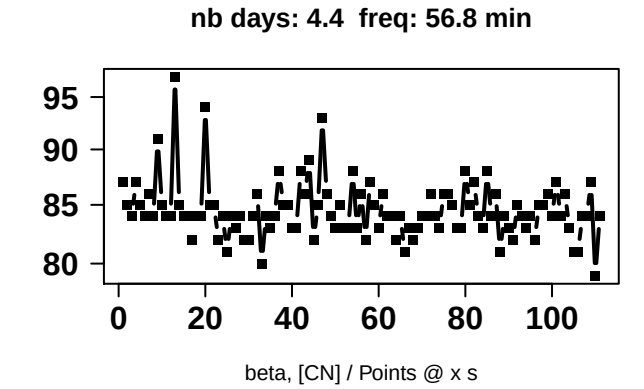

nb days: 4.7 freq: 59.5 min
105
100
95
90
85
0
20
40
60
80
100
beta, [CN] / Points @ x s

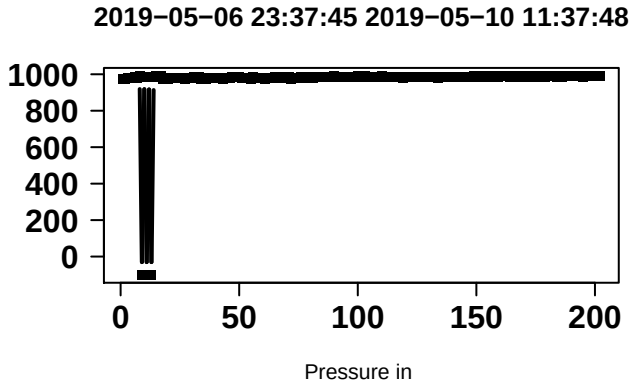

2019−04−26 23:56:37 2019−05−01 08:56:41
1000
800
600
400
200
0
0
50
100
150
200
250
Pressure in

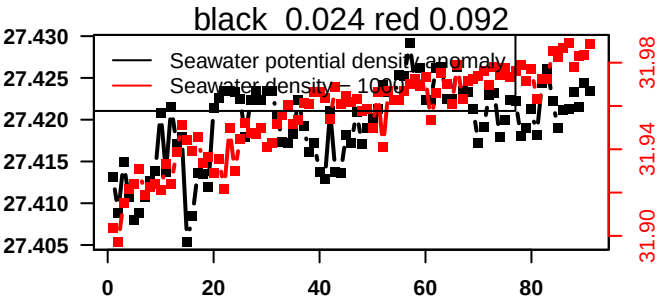

black 0.033 red 0.11
Seawater potential density anomaly
Seawater density − 1000
27.450
27.445
27.440
27.435
27.430
27.425
27.420
32.10
32.04
31.98
0
20
40
60
80
100

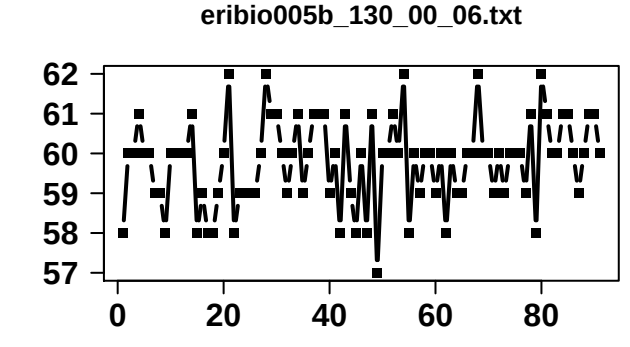

eribio005b_128_00_06.txt
62
61
60
59
58
0
20
40
60
80
100
CDOM, [CN] / Points @ x s

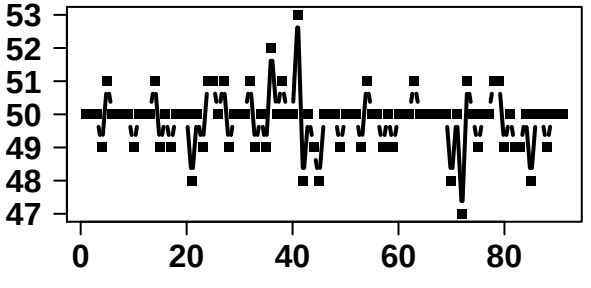

52
51
50
49
48
0
20
40
60
80
100
chl, [CN] / Points @ x s

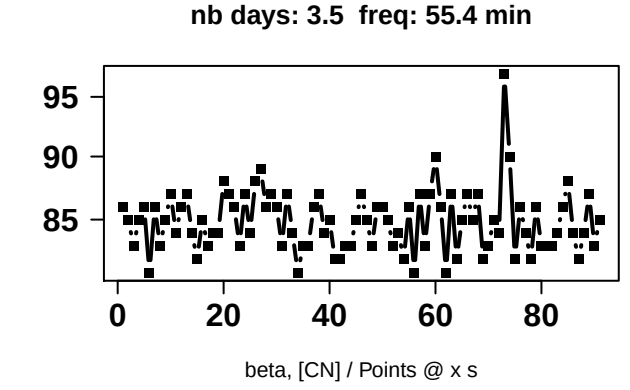

nb days: 4.4 freq: 56.8 min
95
90
85
80
0
20
40
60
80
100
beta, [CN] / Points @ x s

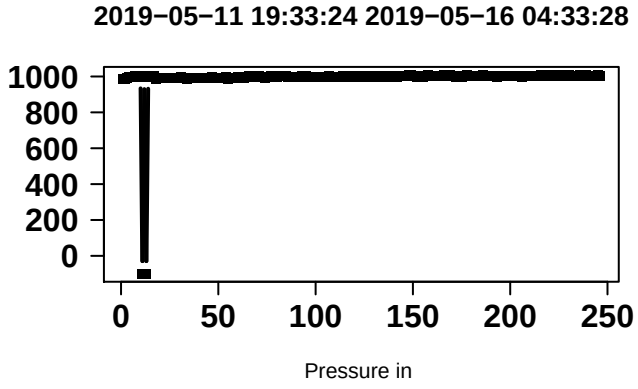

2019−05−06 23:37:45 2019−05−10 11:37:48
1000
800
600
400
200
0
0
50
100
150
200
Pressure in

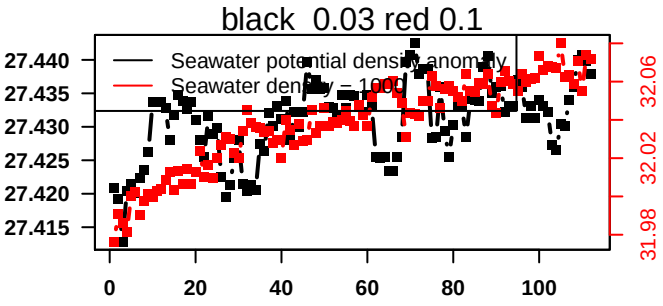

black 0.024 red 0.092
Seawater potential density anomaly
Seawater density − 1000
27.430
27.425
27.420
27.415
27.410
27.405
31.98
31.94
31.90
0
20
40
60
80

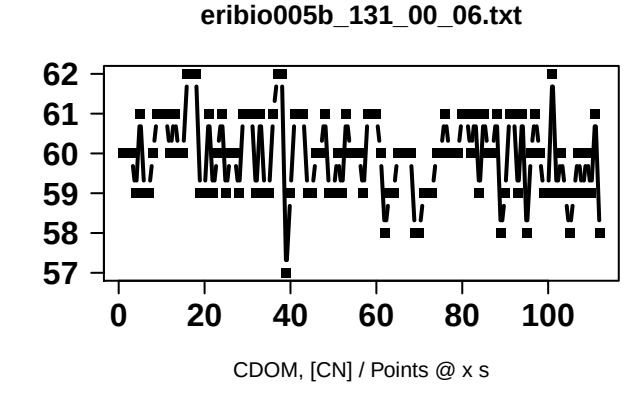

eribio005b_130_00_06.txt
62
61
60
59
58
57
0
20
40
60
80
CDOM, [CN] / Points @ x s

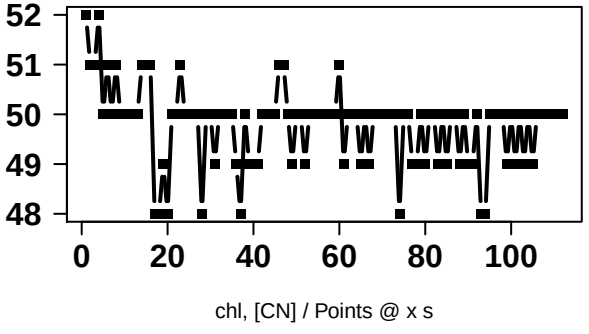

53
52
51
50
49
48
47
0
20
40
60
80
chl, [CN] / Points @ x s

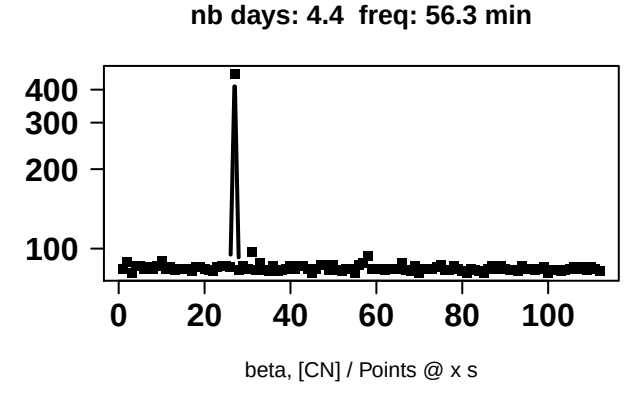

nb days: 3.5 freq: 55.4 min
95
90
85
0
20
40
60
80
beta, [CN] / Points @ x s

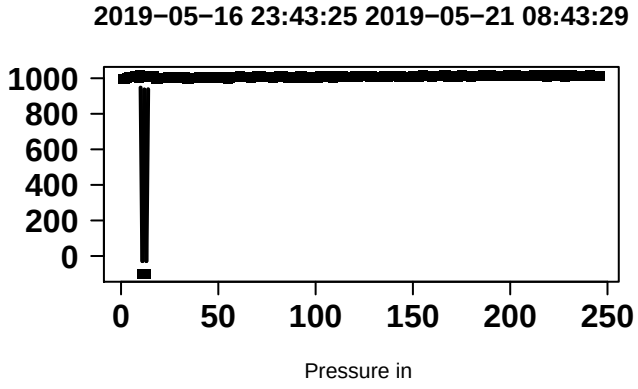

2019−05−11 19:33:24 2019−05−16 04:33:28
1000
800
600
400
200
0
0
50
100
150
200
250
Pressure in

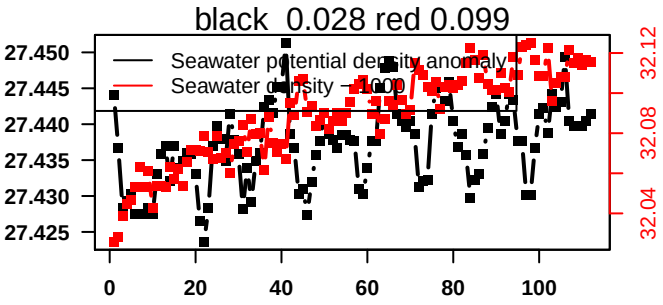

black 0.03 red 0.1
Seawater potential density anomaly
Seawater density − 1000
27.440
27.435
27.430
27.425
27.420
27.415
0
20
40
60
80
100
32.06
32.02
31.98

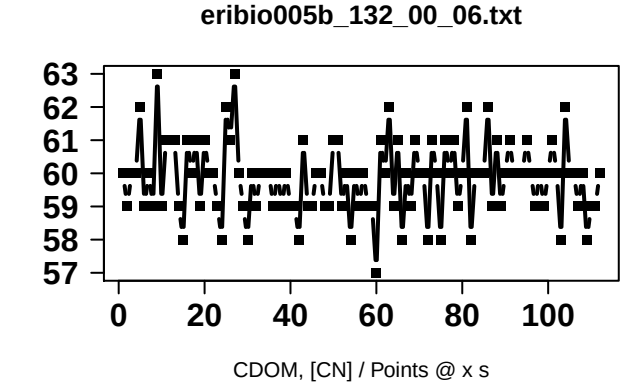

eribio005b_131_00_06.txt
62
61
60
59
58
57
0
20
40
60
80
100
CDOM, [CN] / Points @ x s

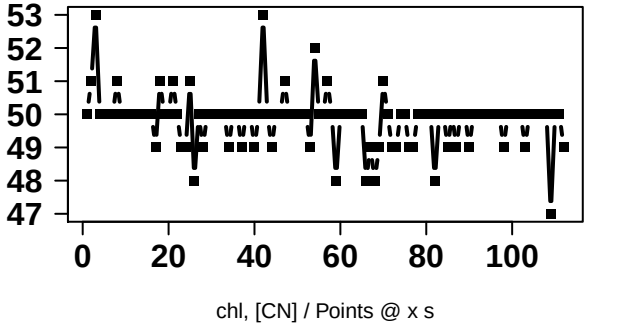

52
51
50
49
48
0
20
40
60
80
100
chl, [CN] / Points @ x s

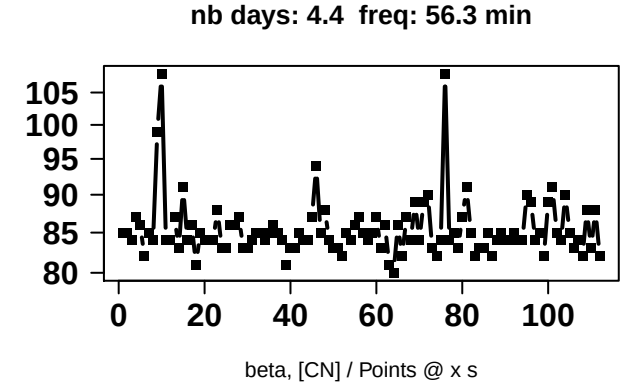

nb days: 4.4 freq: 56.3 min
400
300
200
100
0
20
40
60
80
100
beta, [CN] / Points @ x s

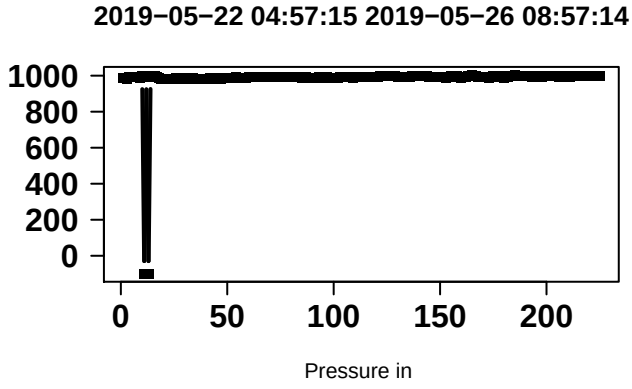

2019−05−16 23:43:25 2019−05−21 08:43:29
1000
800
600
400
200
0
0
50
100
150
200
250
Pressure in

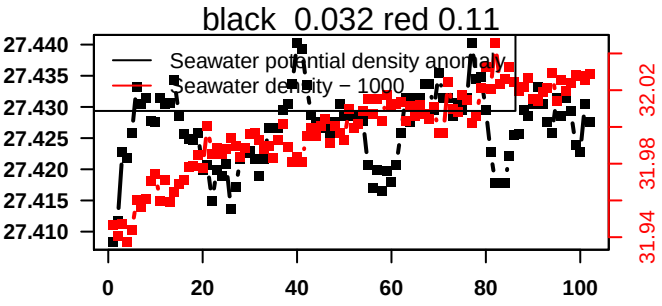

black 0.028 red 0.099
Seawater potential density anomaly
Seawater density − 1000
27.450
27.445
27.440
27.435
27.430
27.425
32.12
32.08
32.04
0
20
40
60
80
100

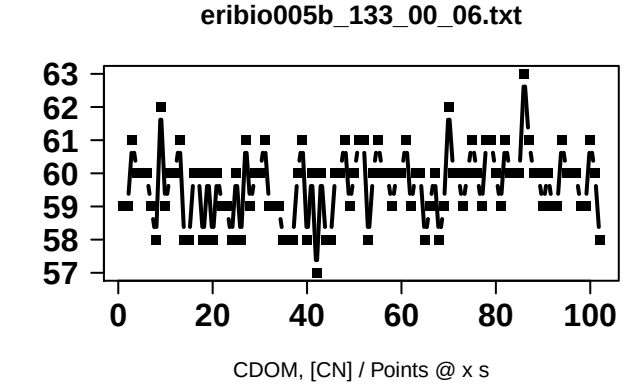

eribio005b_132_00_06.txt
63
62
61
60
59
58
57
0
20
40
60
80
100
CDOM, [CN] / Points @ x s

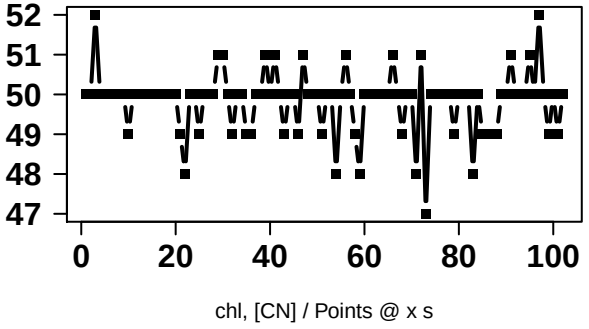

53
52
51
50
49
48
47
0
20
40
60
80
100
chl, [CN] / Points @ x s

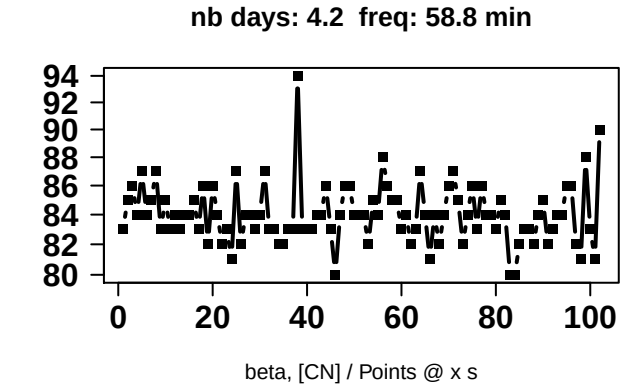

nb days: 4.4 freq: 56.3 min
105
100
95
90
85
80
0
20
40
60
80
100
beta, [CN] / Points @ x s

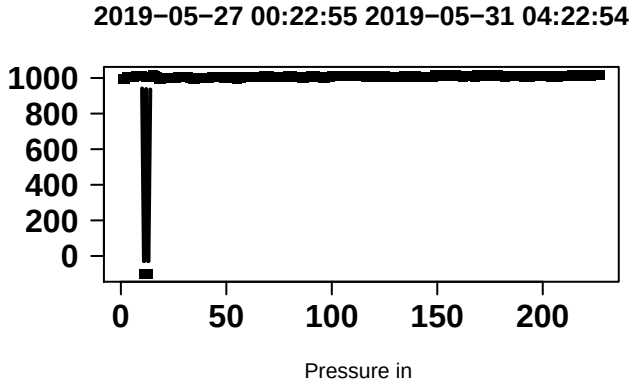

2019−05−22 04:57:15 2019−05−26 08:57:14
1000
800
600
400
200
0
0
50
100
150
200
Pressure in

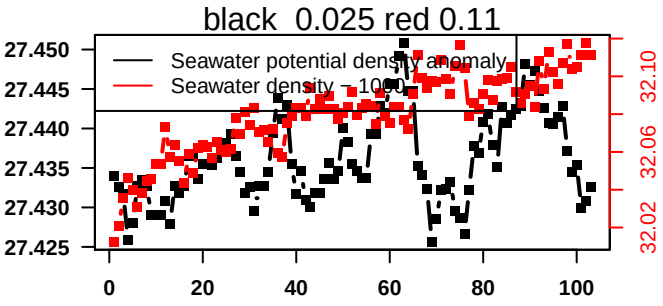

black 0.032 red 0.11
Seawater potential density anomaly
Seawater density − 1000
27.440
27.435
27.430
27.425
27.420
27.415
27.410
32.02
31.98
31.94
0
20
40
60
80
100

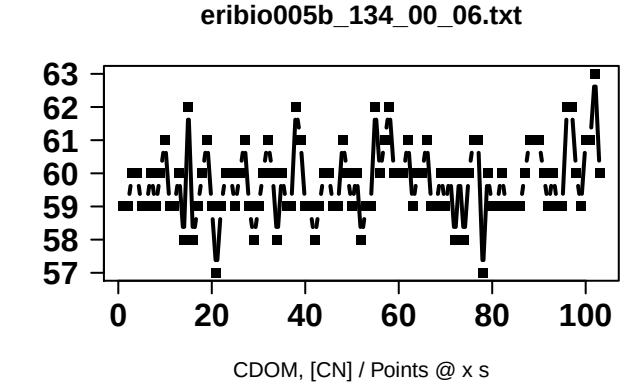

eribio005b_133_00_06.txt
63
62
61
60
59
58
57
0
20
40
60
80
100
CDOM, [CN] / Points @ x s

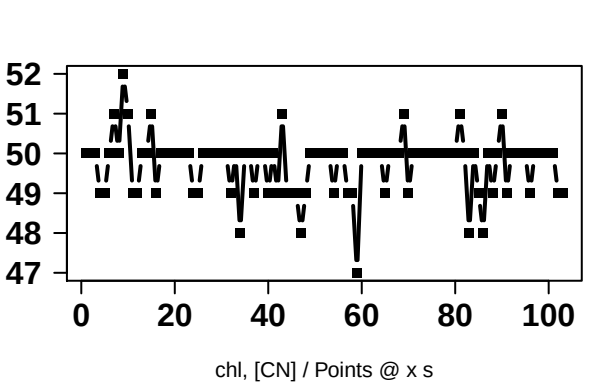

52
51
50
49
48
47
0
20
40
60
80
100
chl, [CN] / Points @ x s

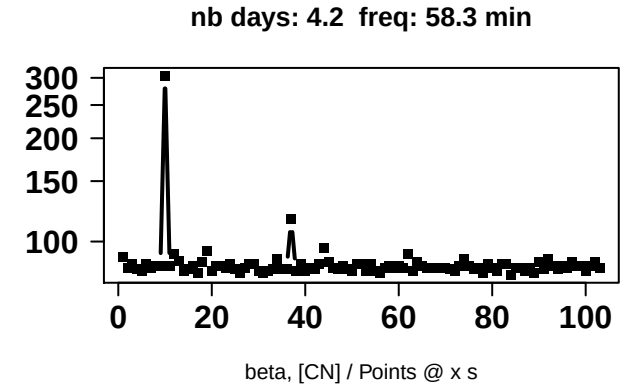

nb days: 4.2 freq: 58.8 min
94
92
90
88
86
84
82
80
0
20
40
60
80
100
beta, [CN] / Points @ x s

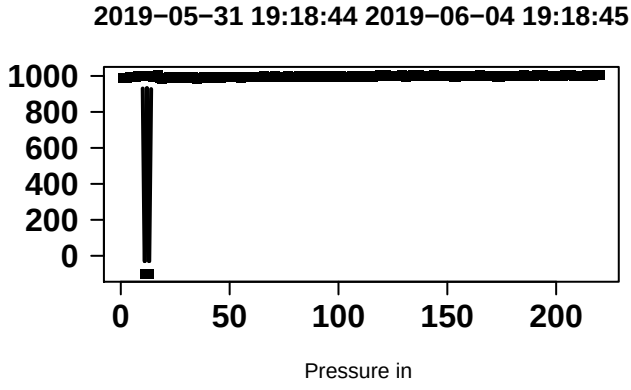

2019−05−27 00:22:55 2019−05−31 04:22:54
1000
800
600
400
200
0
0
50
100
150
200
Pressure in

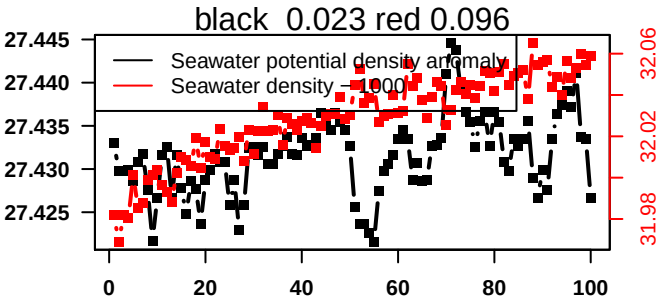

black 0.025 red 0.11
Seawater potential density anomaly
Seawater density − 1000
27.450
27.445
27.440
27.435
27.430
27.425
32.10
32.06
32.02
0
20
40
60
80
100

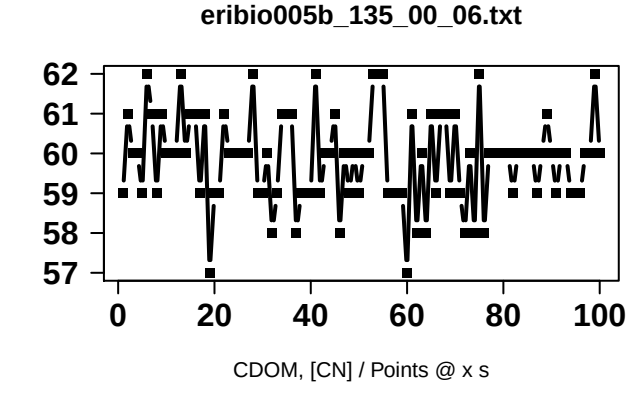

eribio005b_134_00_06.txt
63
62
61
60
59
58
57
0
20
40
60
80
100
CDOM, [CN] / Points @ x s

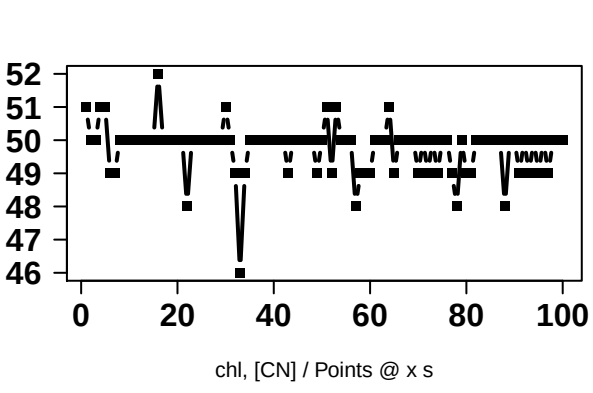

52
51
50
49
48
47
0
20
40
60
80
100
chl, [CN] / Points @ x s

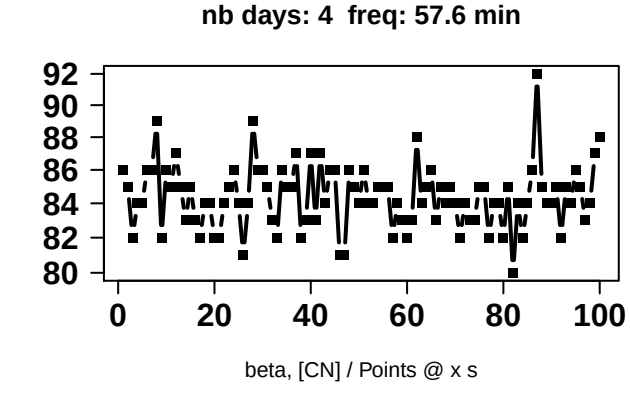

nb days: 4.2 freq: 58.3 min
300
250
200
150
100
0
20
40
60
80
100
beta, [CN] / Points @ x s

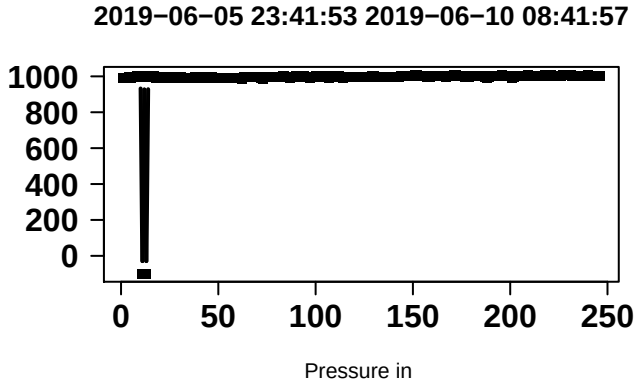

2019−05−31 19:18:44 2019−06−04 19:18:45
1000
800
600
400
200
0
0
50
100
150
200
Pressure in

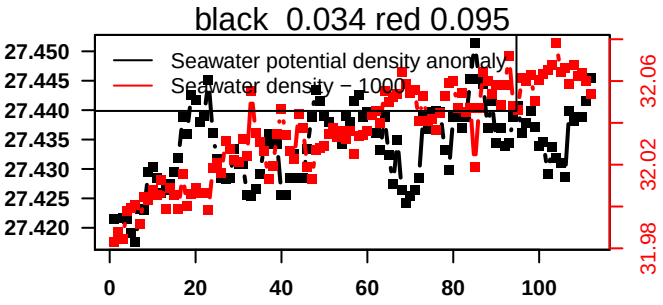

black 0.023 red 0.096
Seawater potential density anomaly
Seawater density −1000
27.445
27.440
27.435
27.430
27.425
32.06
32.02
31.98
0
20
40
60
80
100

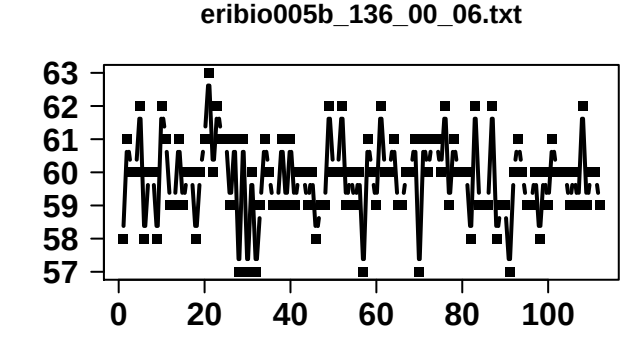

eribio005b_135_00_06.txt
62
61
60
59
58
57
0
20
40
60
80
100
CDOM, [CN] / Points @ x s

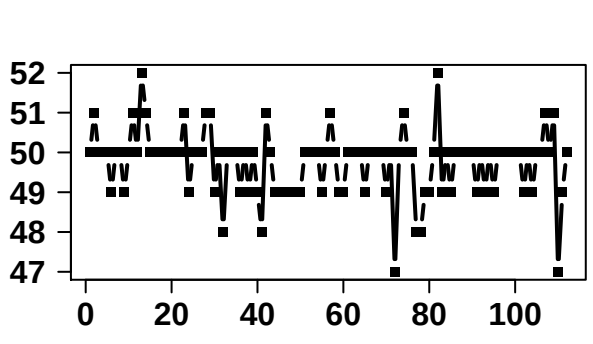

52
51
50
49
48
47
46
0
20
40
60
80
100
chl, [CN] / Points @ x s

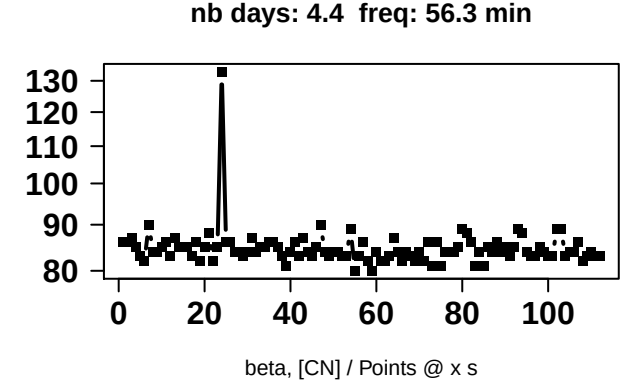

nb days: 4 freq: 57.6 min
92
90
88
86
84
82
80
0
20
40
60
80
100
beta, [CN] / Points @ x s

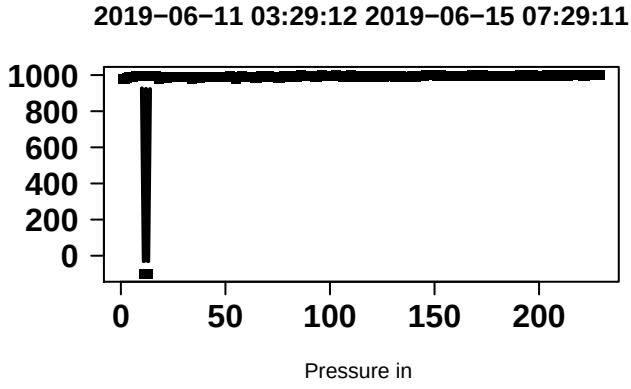

2019−06−05 23:41:53 2019−06−10 08:41:57
1000
800
600
400
200
0
0
50
100
150
200
250
Pressure in

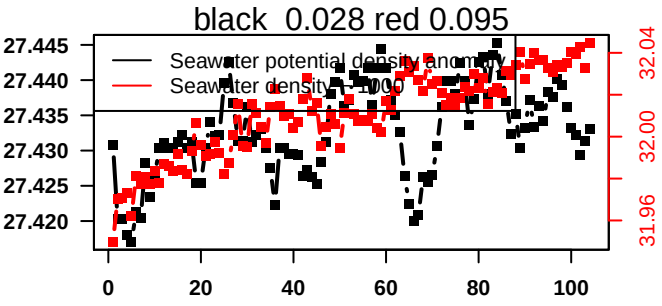

black 0.034 red 0.095
Seawater potential density anomaly
Seawater density − 1000
27.450
27.445
27.440
27.435
27.430
27.425
27.420
32.06
32.02
31.98
0
20
40
60
80
100

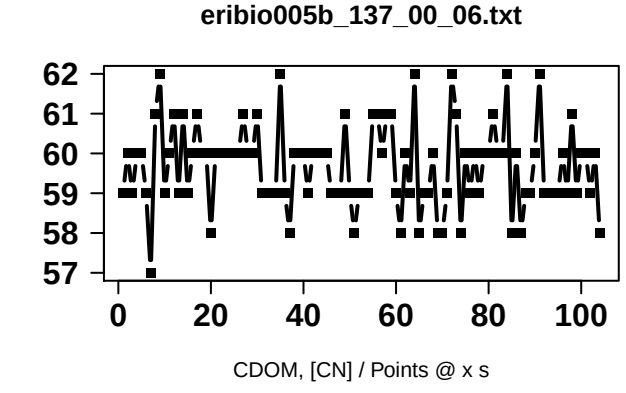

eribio005b_136_00_06.txt
63
62
61
60
59
58
57
0
20
40
60
80
100
CDOM, [CN] / Points @ x s

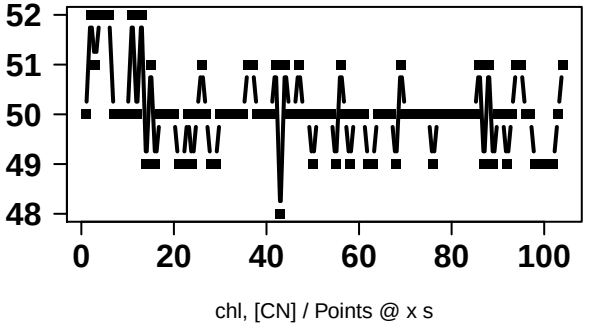

52
51
50
49
48
47
0
20
40
60
80
100
chl, [CN] / Points @ x s

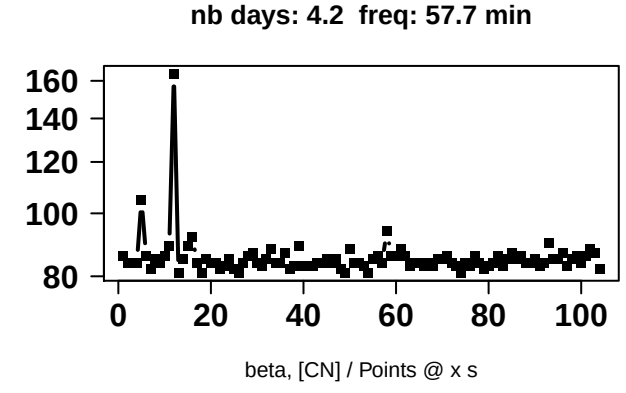

nb days: 4.4 freq: 56.3 min
130
120
110
100
90
80
0
20
40
60
80
100
beta, [CN] / Points @ x s

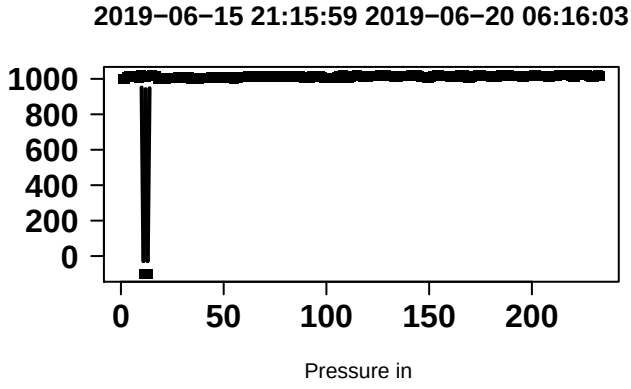

2019−06−11 03:29:12 2019−06−15 07:29:11
1000
800
600
400
200
0
0
50
100
150
200
Pressure in

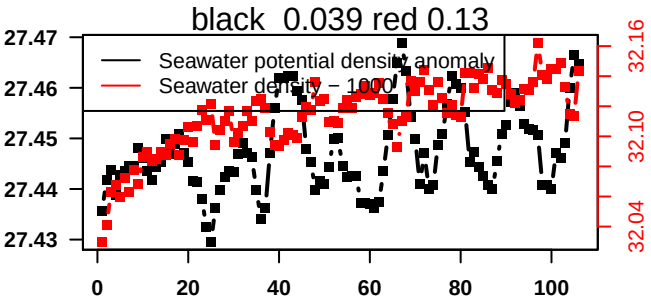

black 0.028 red 0.095
Seawater potential density anomaly
Seawater density − 1000
27.445
27.440
27.435
27.430
27.425
27.420
32.04
32.00
31.96
0
20
40
60
80
100

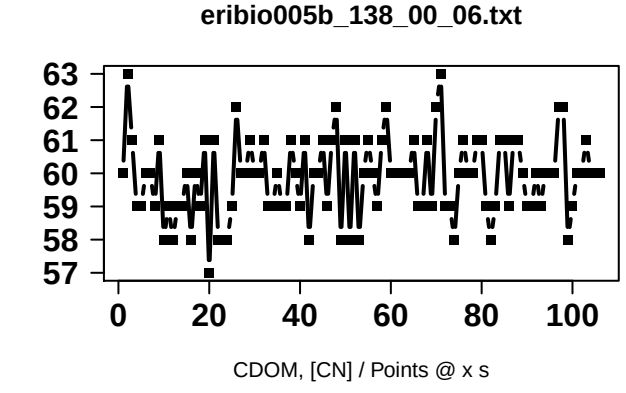

eribio005b_137_00_06.txt
62
61
60
59
58
57
0
20
40
60
80
100
CDOM, [CN] / Points @ x s

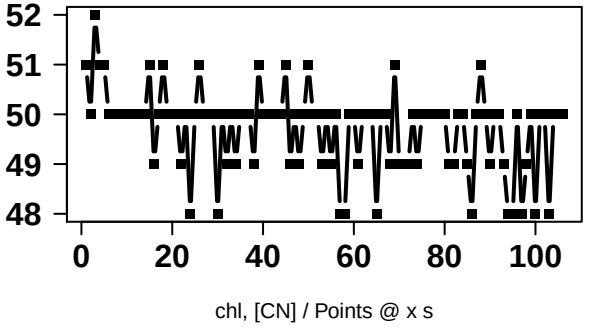

52
51
50
49
48
0
20
40
60
80
100
chl, [CN] / Points @ x s

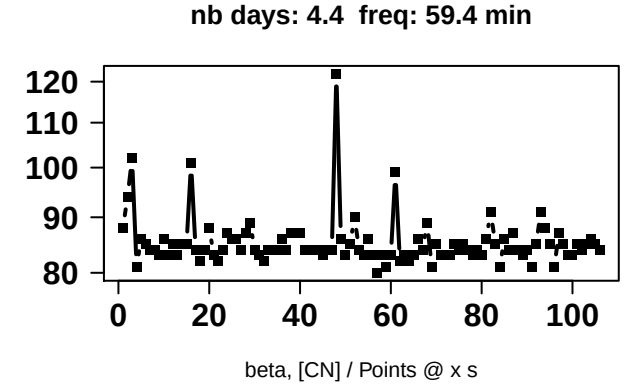

nb days: 4.2 freq: 57.7 min
160
140
120
100
80
0
20
40
60
80
100
beta, [CN] / Points @ x s

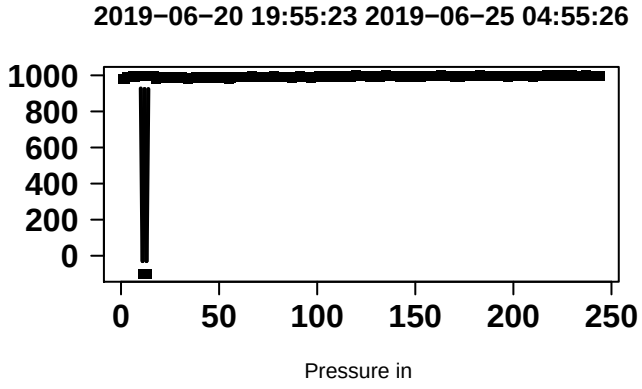

2019−06−15 21:15:59 2019−06−20 06:16:03
1000
800
600
400
200
0
0
50
100
150
200
Pressure in

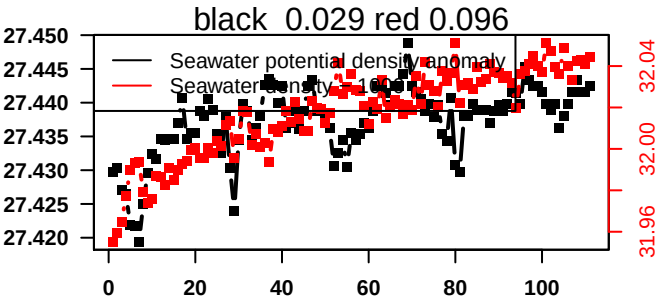

black 0.039 red 0.13
Seawater potential density anomaly
Seawater density − 1000
27.47
27.46
27.45
27.44
27.43
32.16
32.10
32.04
0
20
40
60
80
100

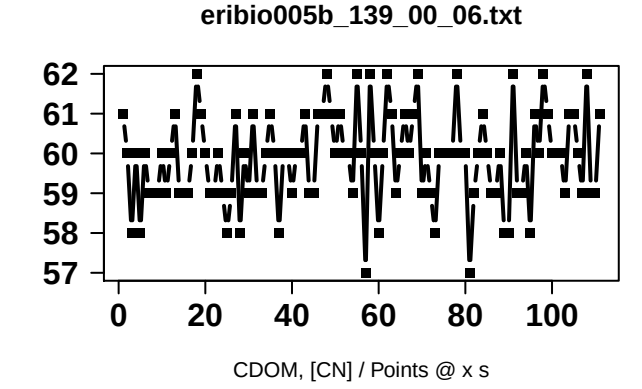

eribio005b_138_00_06.txt
63
62
61
60
59
58
57
0
20
40
60
80
100
CDOM, [CN] / Points @ x s

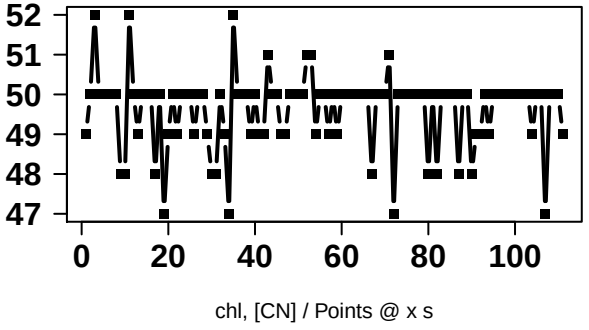

52
51
50
49
48
0
20
40
60
80
100
chl, [CN] / Points @ x s

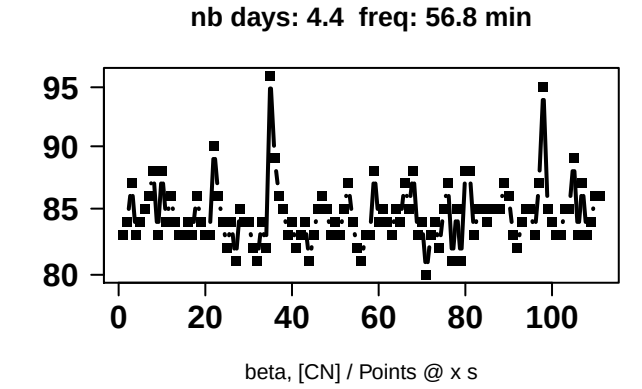

nb days: 4.4 freq: 59.4 min
120
110
100
90
80
0
20
40
60
80
100
beta, [CN] / Points @ x s

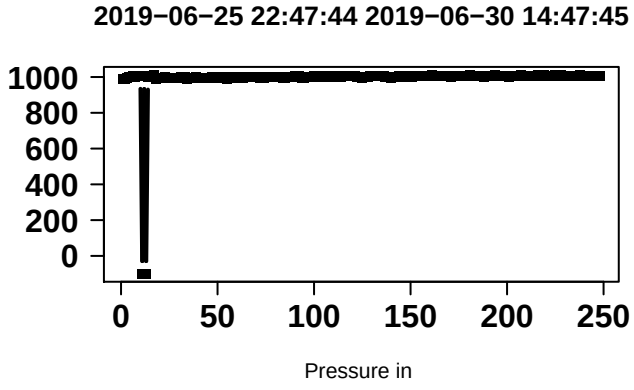

2019−06−20 19:55:23 2019−06−25 04:55:26
1000
800
600
400
200
0
0
50
100
150
200
250
Pressure in

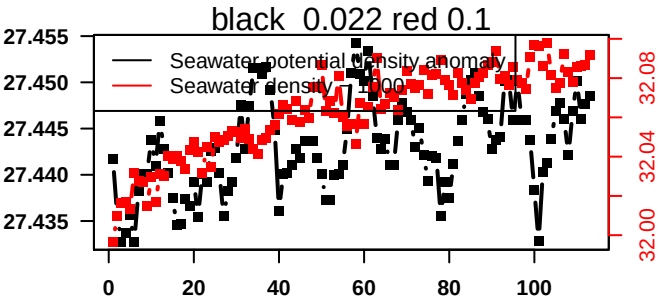

black 0.029 red 0.096
Seawater potential density anomaly
Seawater density − 1000
27.450
27.445
27.440
27.435
27.430
27.425
27.420
32.04
32.00
31.96
0
20
40
60
80
100

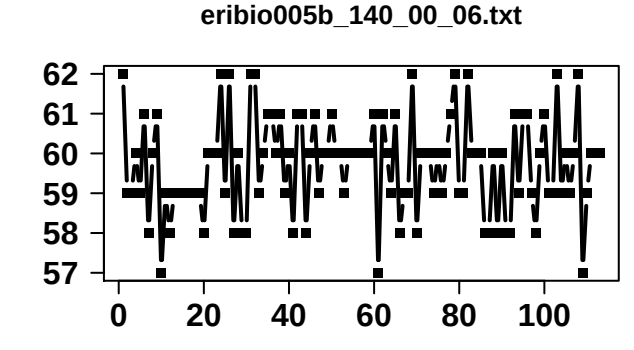

eribio005b_139_00_06.txt
62
61
60
59
58
57
0
20
40
60
80
100
CDOM, [CN] / Points @ x s

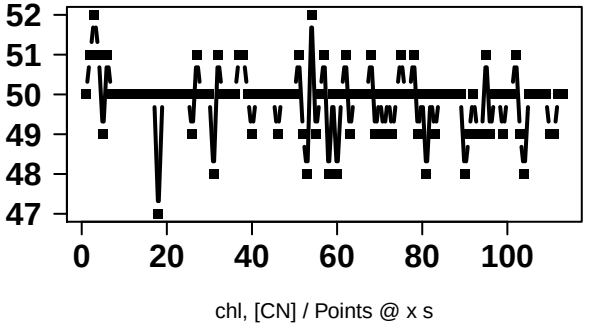

52
51
50
49
48
47
0
20
40
60
80
100
chl, [CN] / Points @ x s

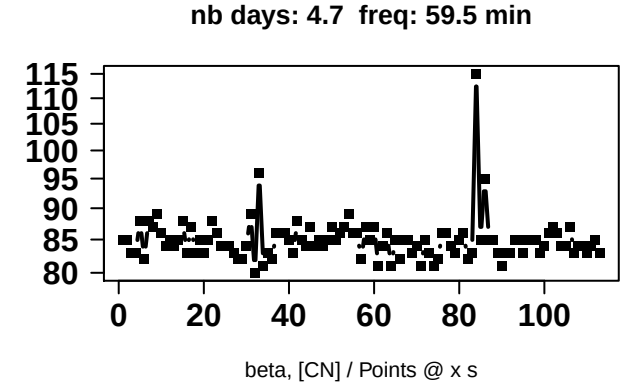

nb days: 4.4 freq: 56.8 min
95
90
85
80
0
20
40
60
80
100
beta, [CN] / Points @ x s

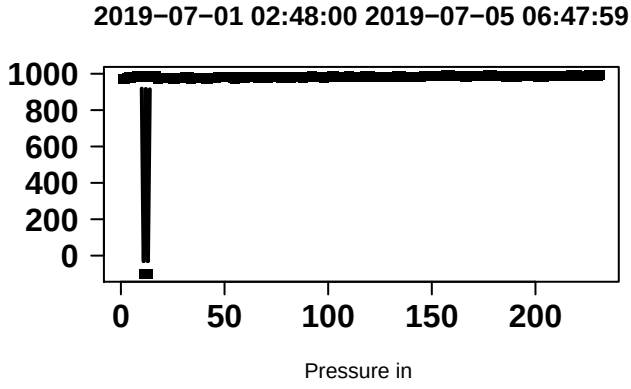

2019−06−25 22:47:44 2019−06−30 14:47:45
1000
800
600
400
200
0
0
50
100
150
200
250
Pressure in

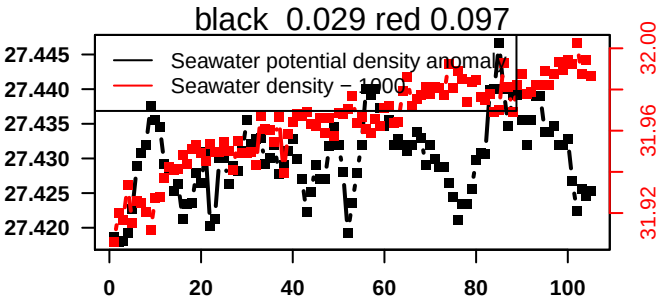

black 0.022 red 0.1
Seawater potential density anomaly
Seawater density − 1000
27.455
27.450
27.445
27.440
27.435
32.08
32.04
32.00
0
20
40
60
80
100

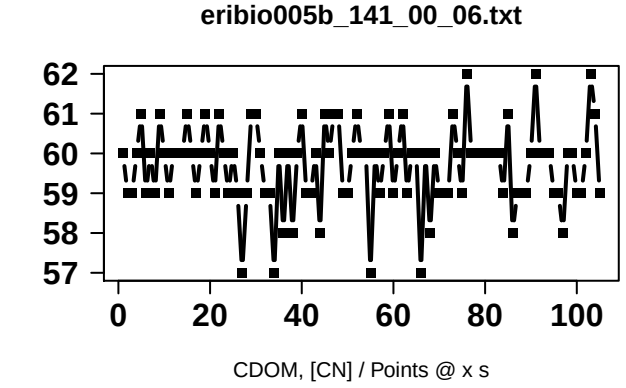

eribio005b_140_00_06.txt
62
61
60
59
58
57
0
20
40
60
80
100
CDOM, [CN] / Points @ x s

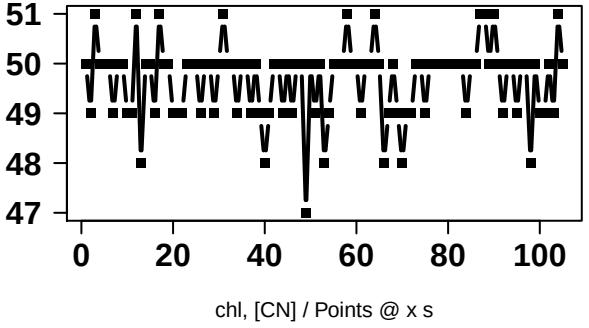

52
51
50
49
48
47
0
20
40
60
80
100
chl, [CN] / Points @ x s

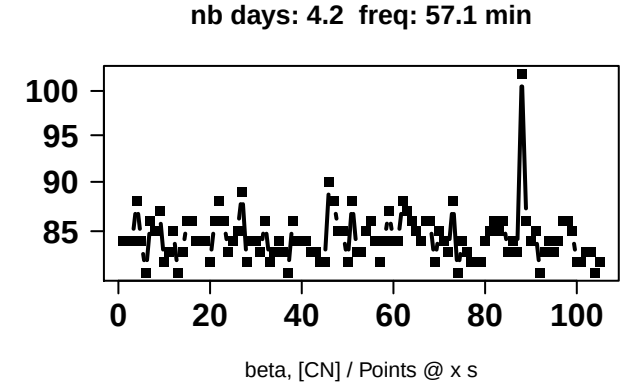

nb days: 4.7 freq: 59.5 min
115
110
105
100
95
90
85
80
0
20
40
60
80
100
beta, [CN] / Points @ x s

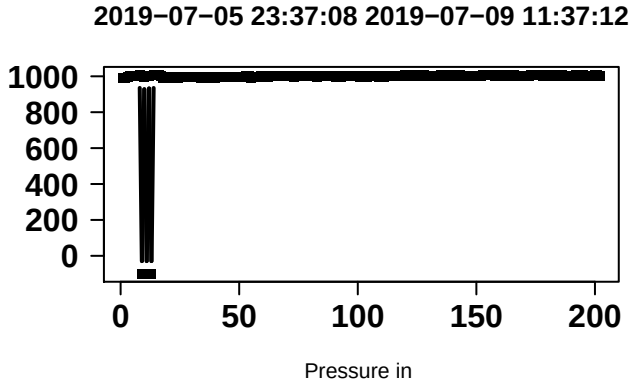

2019−07−01 02:48:00 2019−07−05 06:47:59
1000
800
600
400
200
0
0
50
100
150
200
Pressure in

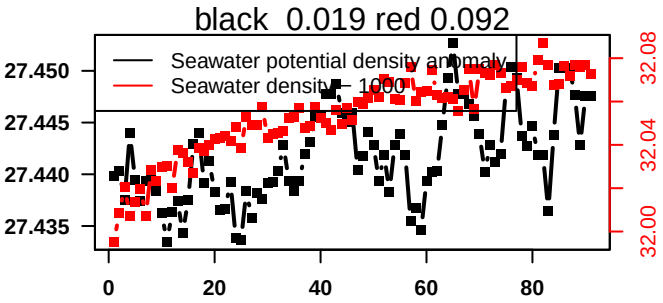

black 0.029 red 0.097
Seawater potential density anomaly
Seawater density − 1000
27.445
27.440
27.435
27.430
27.425
27.420
32.00
31.96
31.92
0
20
40
60
80
100

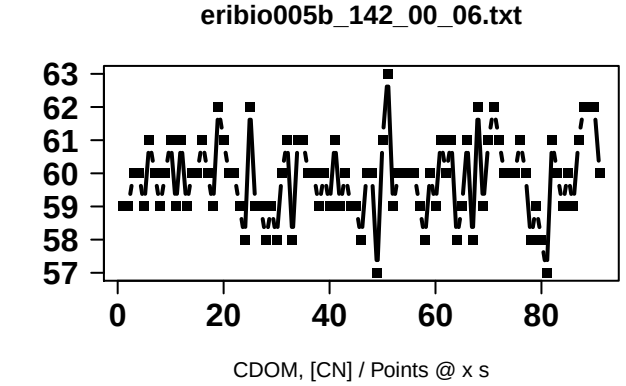

eribio005b_141_00_06.txt
62
61
60
59
58
57
0
20
40
60
80
100
CDOM, [CN] / Points @ x s

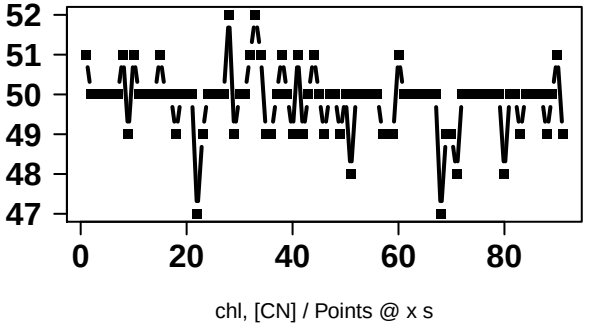

51
50
49
48
47
0
20
40
60
80
100
chl, [CN] / Points @ x s

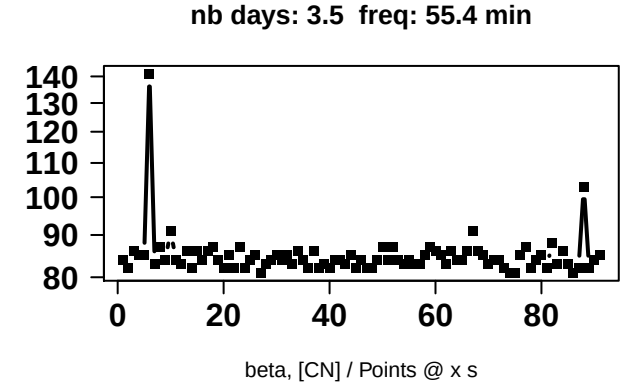

nb days: 4.2 freq: 57.1 min
100
95
90
85
0
20
40
60
80
100
beta, [CN] / Points @ x s

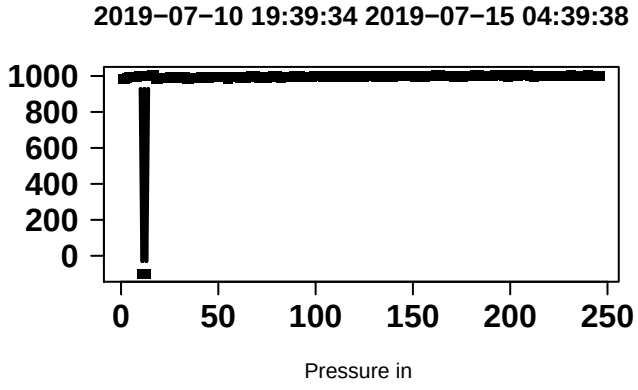

2019−07−05 23:37:08 2019−07−09 11:37:12
1000
800
600
400
200
0
0
50
100
150
200
Pressure in

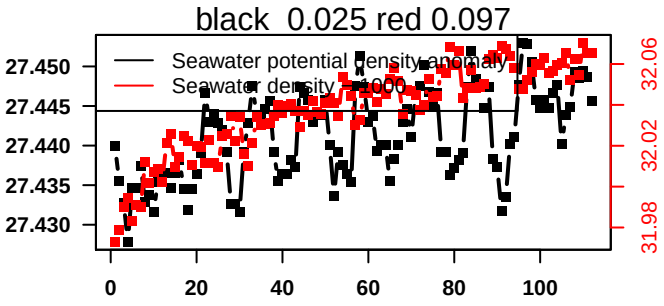

black 0.019 red 0.092
Seawater potential density anomaly
Seawater density − 1000
27.450
27.445
27.440
27.435
32.08
32.04
32.00
0
20
40
60
80

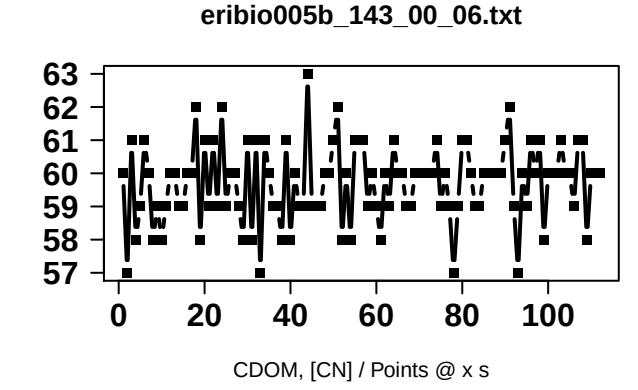

eribio005b_142_00_06.txt
63
62
61
60
59
58
57
0
20
40
60
80
CDOM, [CN] / Points @ x s

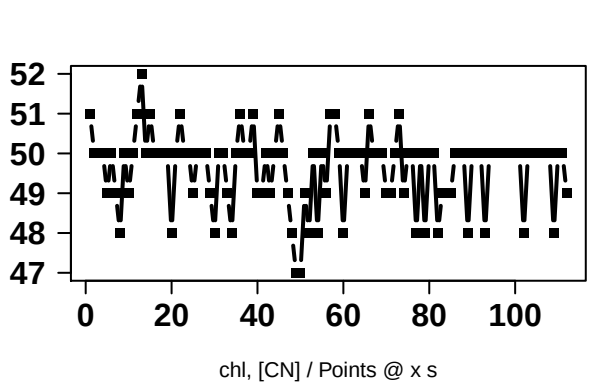

52
51
50
49
48
47
0
20
40
60
80
chl, [CN] / Points @ x s

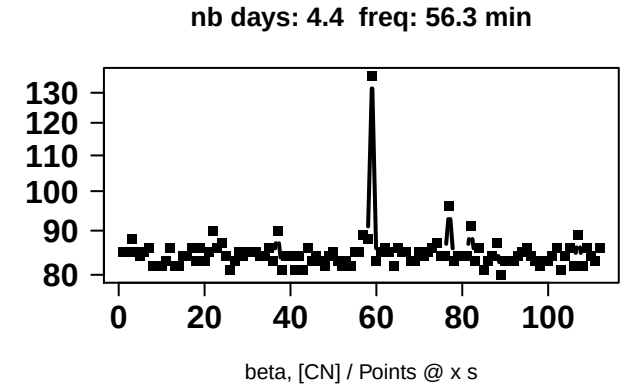

nb days: 3.5 freq: 55.4 min
140
130
120
110
100
90
80
0
20
40
60
80
beta, [CN] / Points @ x s

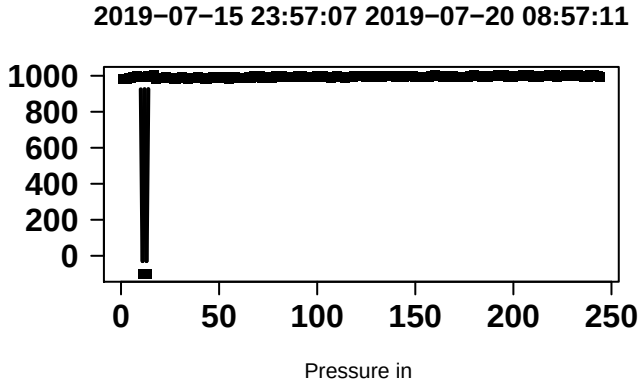

2019−07−10 19:39:34 2019−07−15 04:39:38
1000
800
600
400
200
0
0
50
100
150
200
250
Pressure in

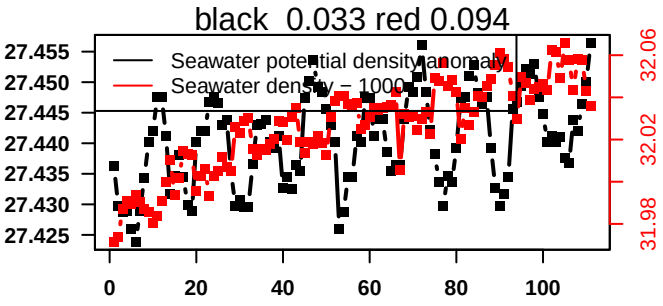

black 0.025 red 0.097
Seawater potential density anomaly
Seawater density
27.450
27.445
27.440
27.435
27.430
0
20
40
60
80
100
32.06
32.02
31.98

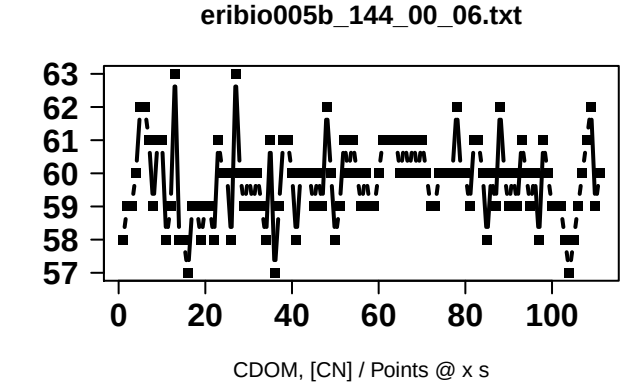

eribio005b_143_00_06.txt
63
62
61
60
59
58
57
0
20
40
60
80
100
CDOM, [CN] / Points @ x s

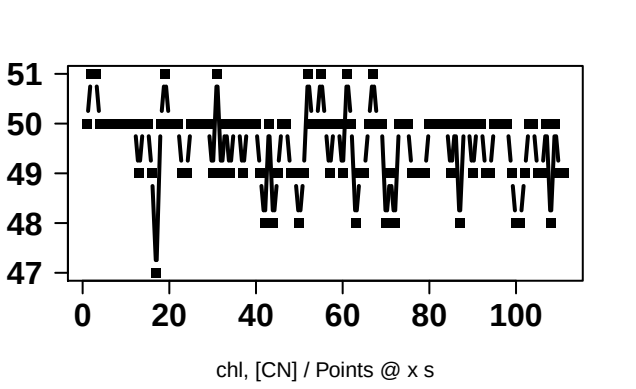

52
51
50
49
48
47
0
20
40
60
80
100
chl, [CN] / Points @ x s

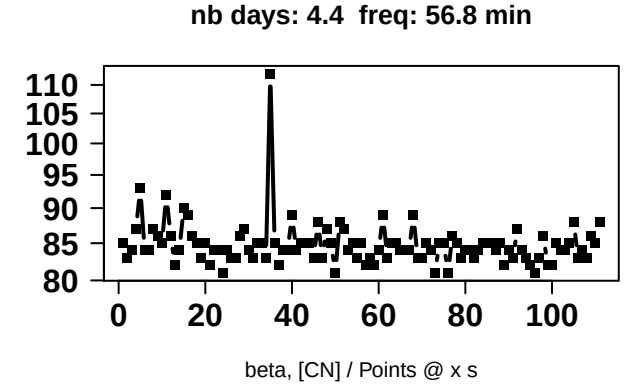

nb days: 4.4 freq: 56.3 min
130
120
110
100
90
80
0
20
40
60
80
100
beta, [CN] / Points @ x s

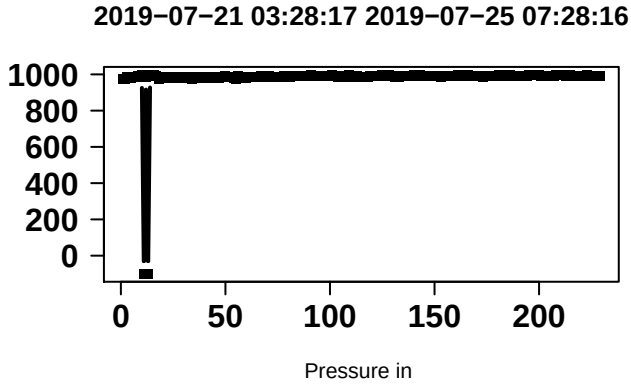

2019−07−15 23:57:07 2019−07−20 08:57:11
1000
800
600
400
200
0
0
50
100
150
200
250
Pressure in

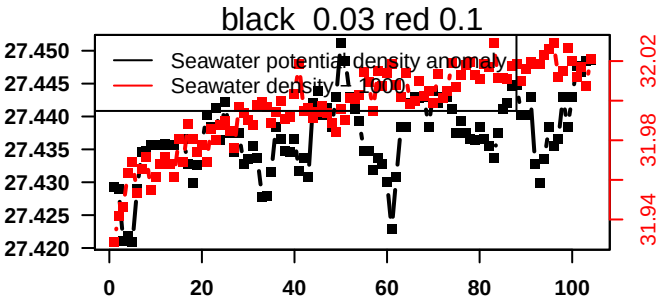

black 0.033 red 0.094
Seawater potential density anomaly
Seawater density − 1000
27.455
27.450
27.445
27.440
27.435
27.430
27.425
32.06
32.02
31.98
0
20
40
60
80
100

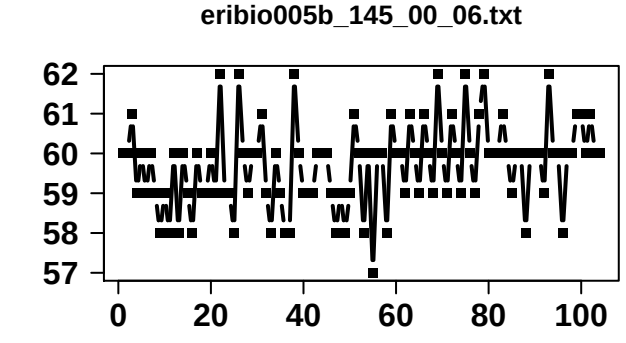

eribio005b_144_00_06.txt
63
62
61
60
59
58
57
0
20
40
60
80
100
CDOM, [CN] / Points @ x s

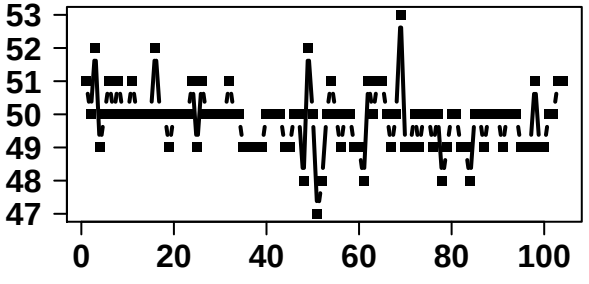

51
50
49
48
47
0
20
40
60
80
100
chl, [CN] / Points @ x s

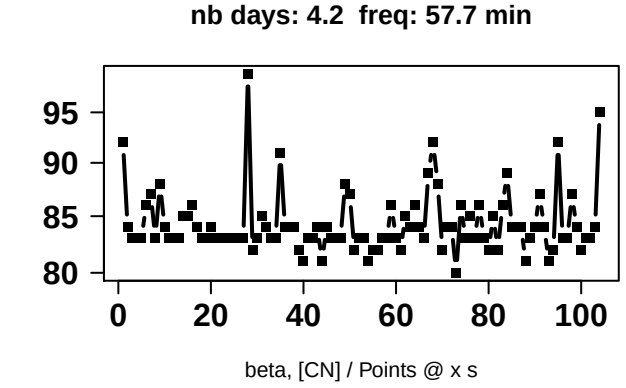

nb days: 4.4 freq: 56.8 min
110
105
100
95
90
85
80
0
20
40
60
80
100
beta, [CN] / Points @ x s

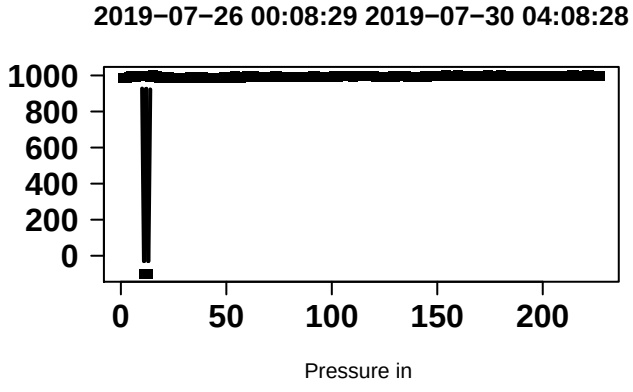

2019−07−21 03:28:17 2019−07−25 07:28:16
1000
800
600
400
200
0
0
50
100
150
200
Pressure in

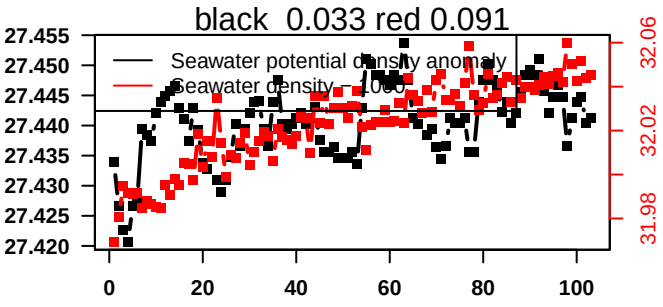

black 0.03 red 0.1
Seawater potential density anomaly
Seawater density − 1000
27.450
27.445
27.440
27.435
27.430
27.425
27.420
32.02
31.98
31.94
0
20
40
60
80
100

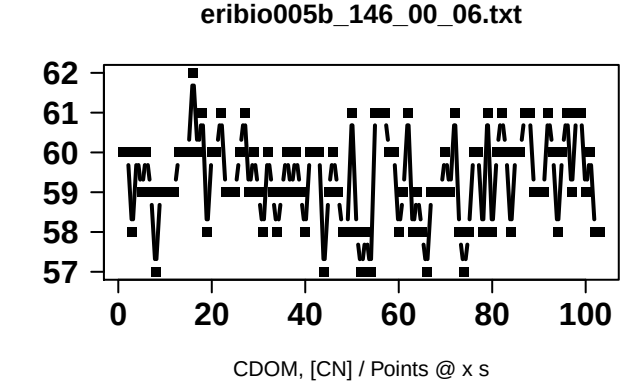

eribio005b_145_00_06.txt
62
61
60
59
58
57
0
20
40
60
80
100
CDOM, [CN] / Points @ x s

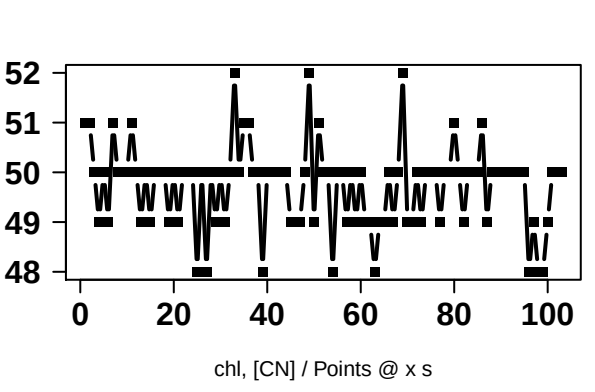

53
52
51
50
49
48
47
0
20
40
60
80
100
chl, [CN] / Points @ x s

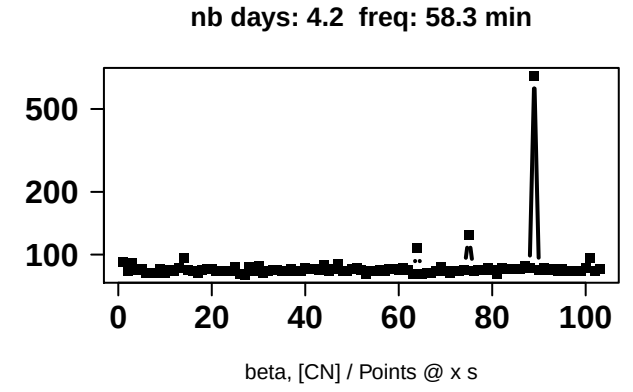

nb days: 4.2 freq: 57.7 min
95
90
85
80
0
20
40
60
80
100
beta, [CN] / Points @ x s

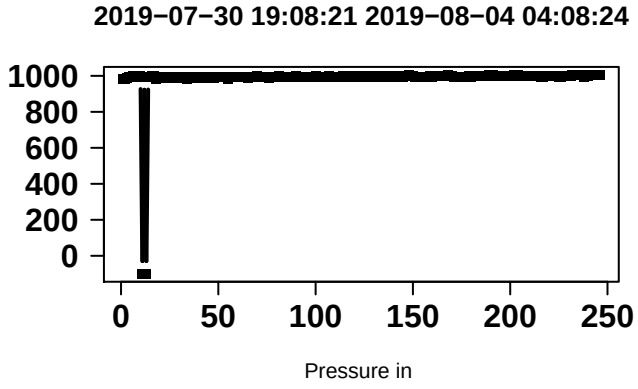

2019−07−26 00:08:29 2019−07−30 04:08:28
1000
800
600
400
200
0
0
50
100
150
200
Pressure in

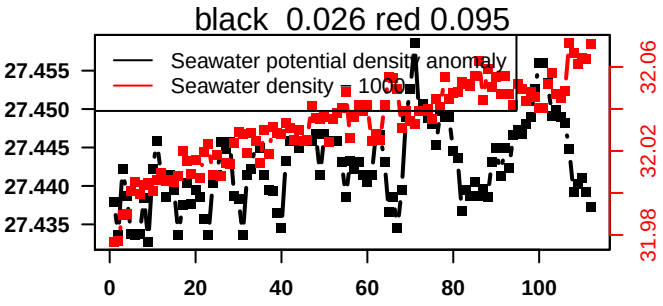

black 0.033 red 0.091
Seawater potential density anomaly
Seawater density − 1000
27.455
27.450
27.445
27.440
27.435
27.430
27.425
27.420
32.06
32.02
31.98
0
20
40
60
80
100

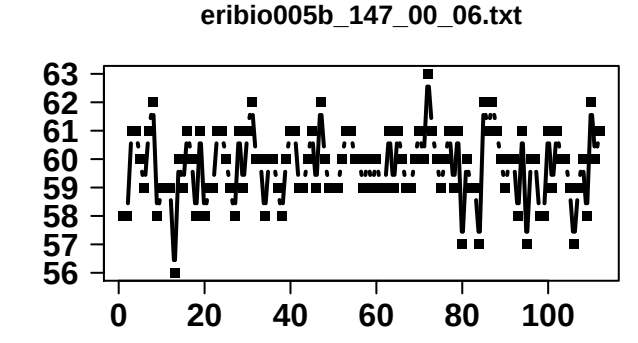

eribio005b_146_00_06.txt
62
61
60
59
58
57
0
20
40
60
80
100
CDOM, [CN] / Points @ x s

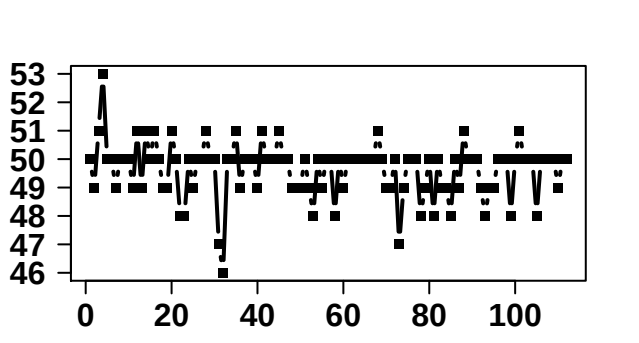

52
51
50
49
48
0
20
40
60
80
100
chl, [CN] / Points @ x s

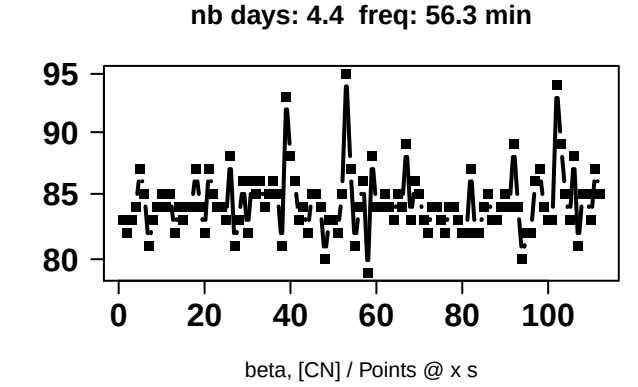

nb days: 4.2 freq: 58.3 min
500
200
100
0
20
40
60
80
100
beta, [CN] / Points @ x s

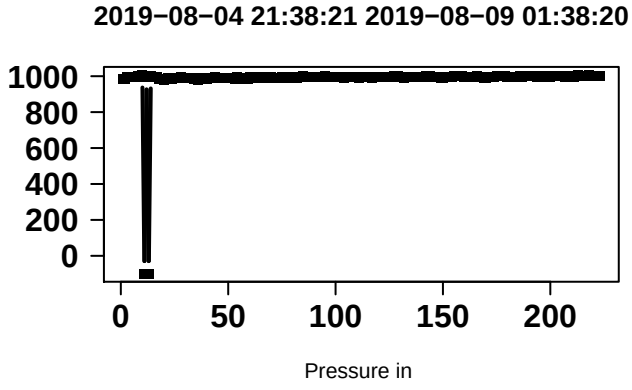

2019−07−30 19:08:21 2019−08−04 04:08:24
1000
800
600
400
200
0
0
50
100
150
200
250
Pressure in

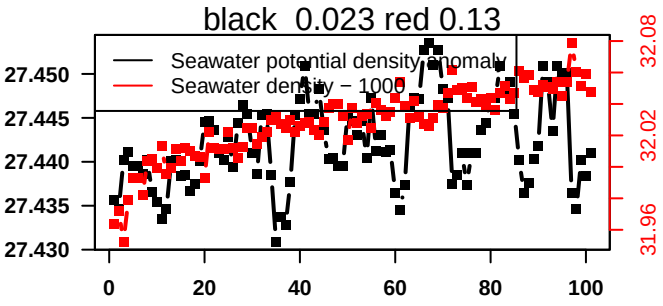

black 0.026 red 0.095
Seawater potential density anomaly
Seawater density − 1000
27.455
27.450
27.445
27.440
27.435
32.06
32.02
31.98
0
20
40
60
80
100

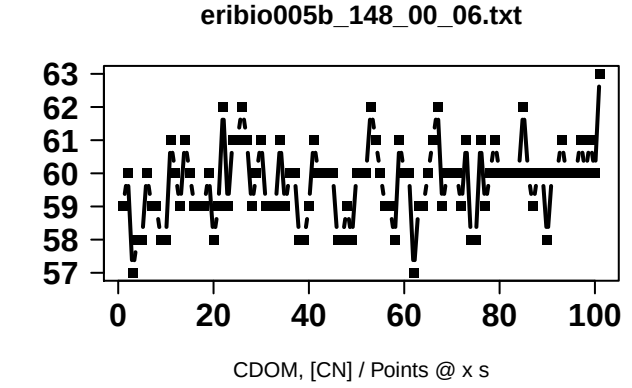

eribio005b_147_00_06.txt
63
62
61
60
59
58
57
56
0
20
40
60
80
100
CDOM, [CN] / Points @ x s

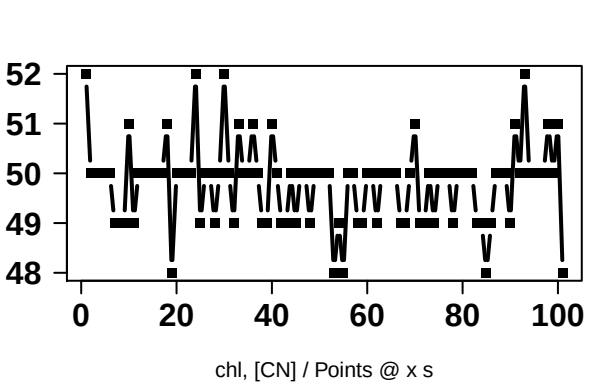

53
52
51
50
49
48
47
46
0
20
40
60
80
100
chl, [CN] / Points @ x s

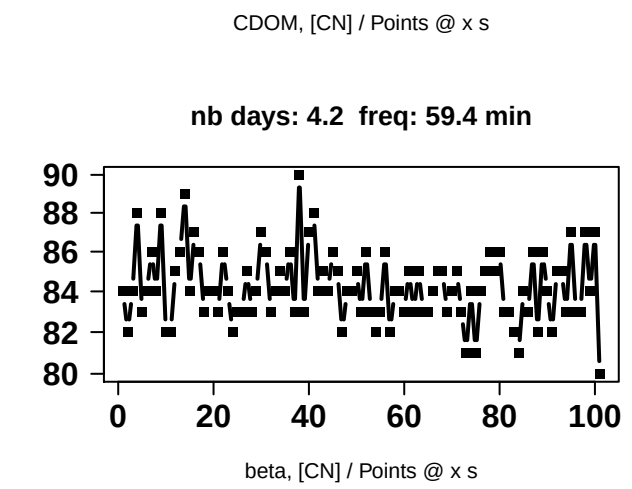

nb days: 4.4 freq: 56.3 min
95
90
85
80
0
20
40
60
80
100
beta, [CN] / Points @ x s

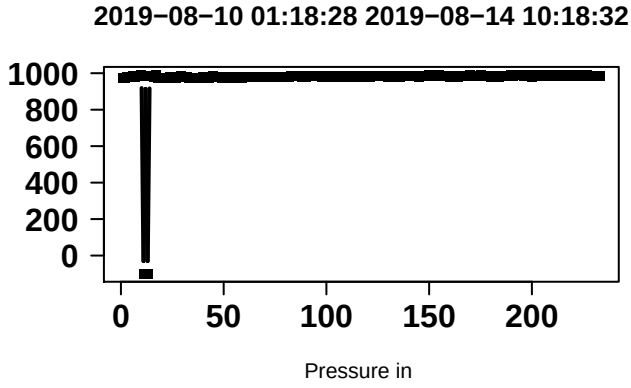

2019−08−04 21:38:21 2019−08−09 01:38:20
1000
800
600
400
200
0
0
50
100
150
200
Pressure in

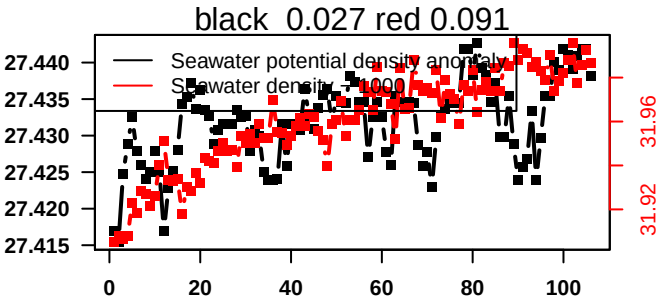

black 0.023 red 0.13
Seawater potential density anomaly
Seawater density − 1000
27.450
27.445
27.440
27.435
27.430
32.08
32.02
31.96
0
20
40
60
80
100

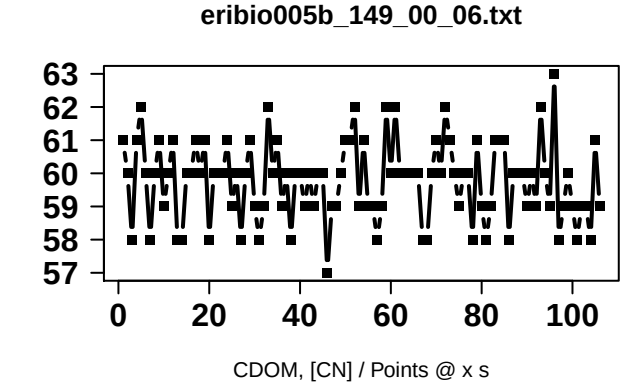

eribio005b_148_00_06.txt
63
62
61
60
59
58
57
0
20
40
60
80
100
CDOM, [CN] / Points @ x s

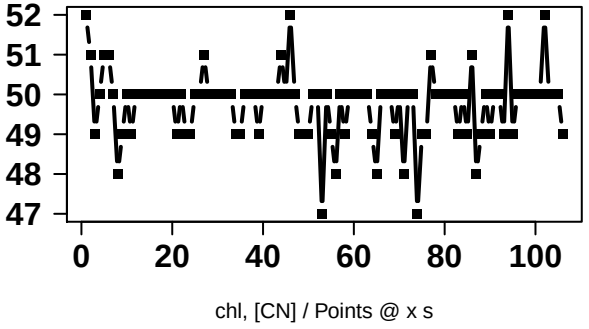

52
51
50
49
48
0
20
40
60
80
100
chl, [CN] / Points @ x s

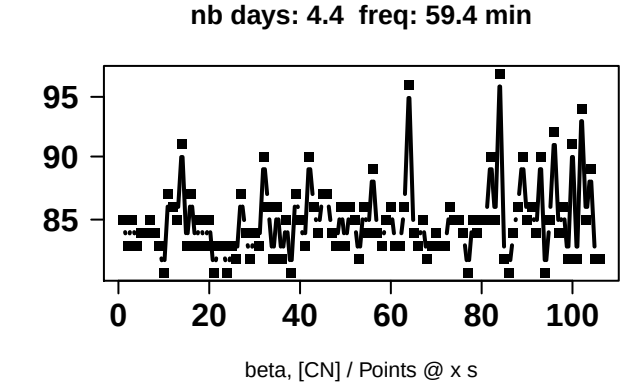

nb days: 4.2 freq: 59.4 min
90
88
86
84
82
80
0
20
40
60
80
100
beta, [CN] / Points @ x s

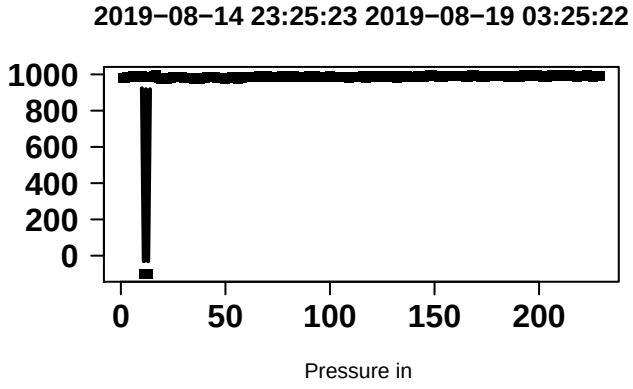

2019−08−10 01:18:28 2019−08−14 10:18:32
1000
800
600
400
200
0
0
50
100
150
200
Pressure in

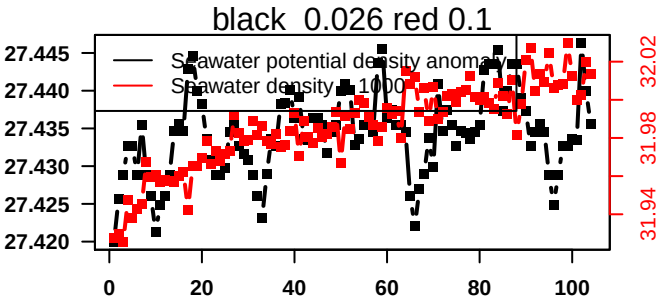

black 0.027 red 0.091
Seawater potential density anomaly
Seawater density − 1000
27.440
27.435
27.430
27.425
27.420
27.415
31.96
31.92
0
20
40
60
80
100

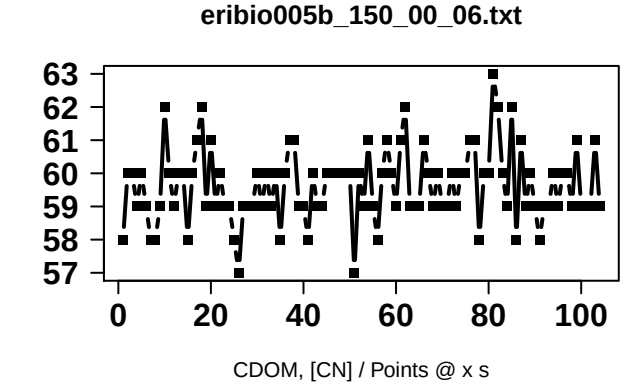

eribio005b_149_00_06.txt
63
62
61
60
59
58
57
0
20
40
60
80
100
CDOM, [CN] / Points @ x s

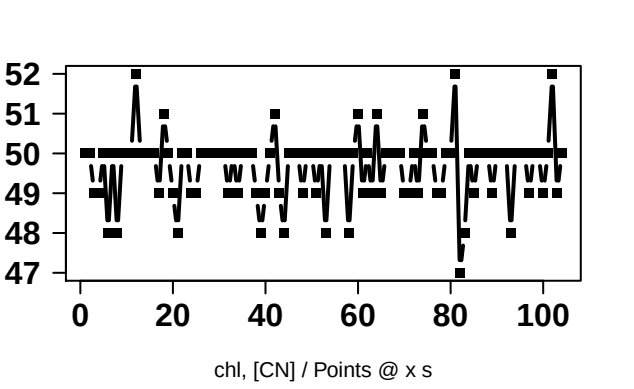

52
51
50
49
48
47
0
20
40
60
80
100
chl, [CN] / Points @ x s

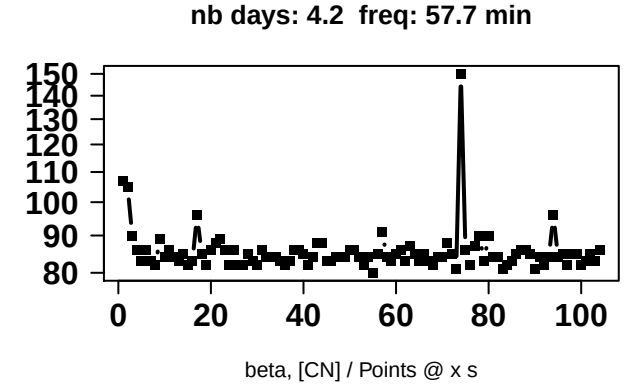

nb days: 4.4 freq: 59.4 min
95
90
85
0
20
40
60
80
100
beta, [CN] / Points @ x s

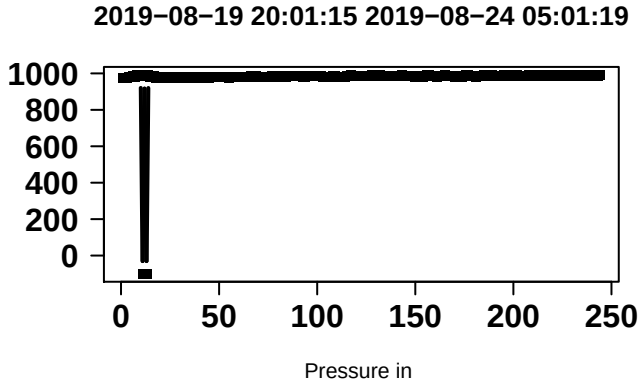

2019−08−14 23:25:23 2019−08−19 03:25:22
1000
800
600
400
200
0
0
50
100
150
200
Pressure in

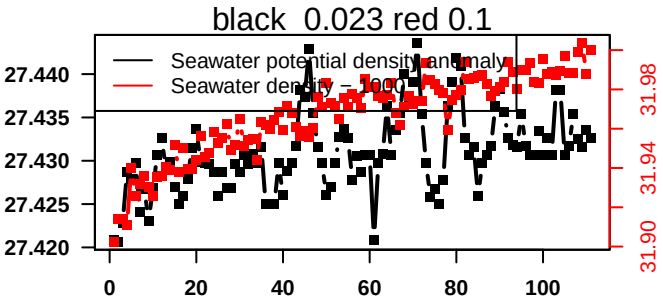

black 0.026 red 0.1
Seawater potential density anomaly
Seawater density − 1000
27.445
27.440
27.435
27.430
27.425
27.420
32.02
31.98
31.94
0
20
40
60
80
100

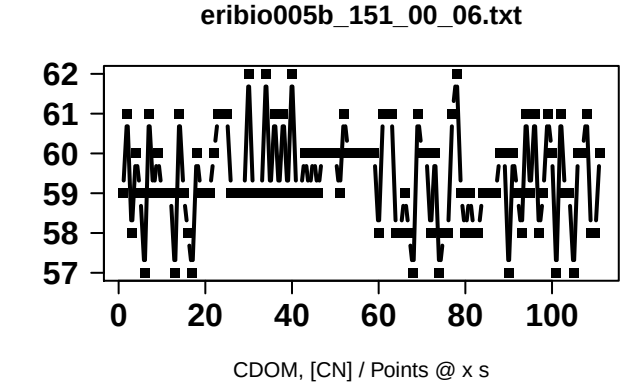

eribio005b_150_00_06.txt
63
62
61
60
59
58
57
0
20
40
60
80
100
CDOM, [CN] / Points @ x s

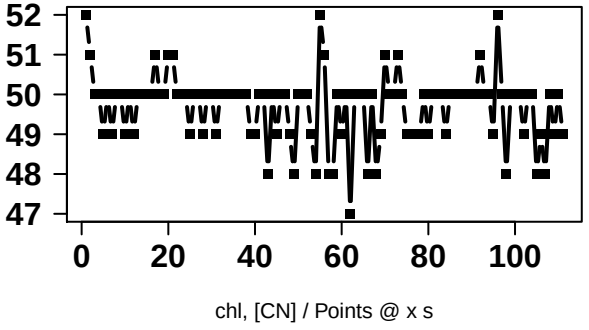

52
51
50
49
48
47
0
20
40
60
80
100
chl, [CN] / Points @ x s

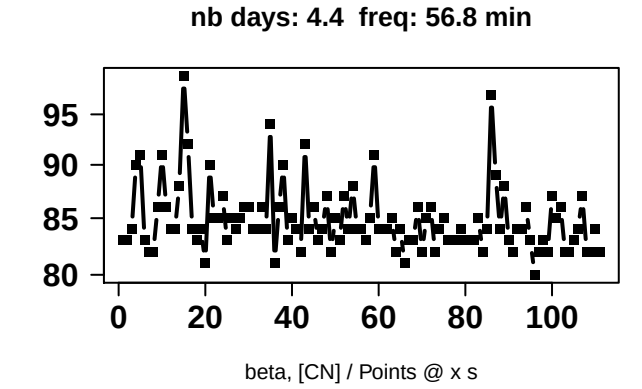

nb days: 4.2 freq: 57.7 min
150
140
130
120
110
100
90
80
0
20
40
60
80
100
beta, [CN] / Points @ x s

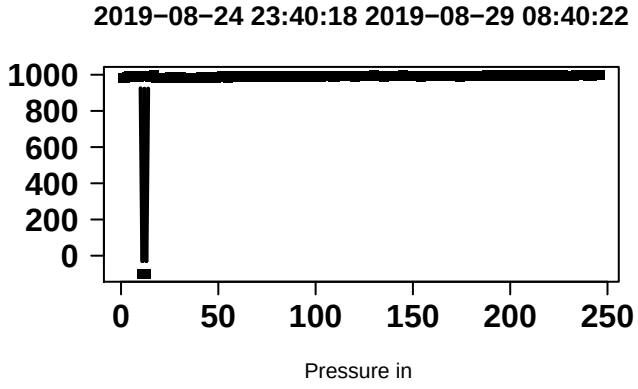

2019−08−19 20:01:15 2019−08−24 05:01:19
1000
800
600
400
200
0
0
50
100
150
200
250
Pressure in

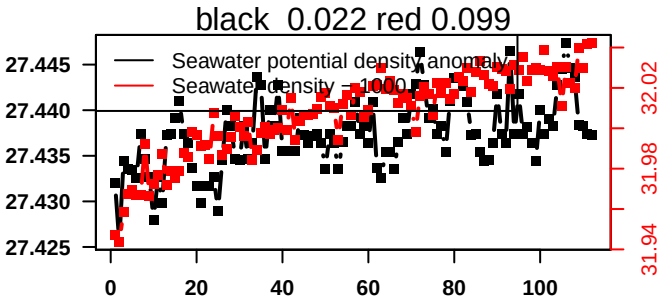

black 0.023 red 0.1
Seawater potential density anomaly
Seawater density − 1000
27.440
27.435
27.430
27.425
27.420
31.98
31.94
31.90
0
20
40
60
80
100

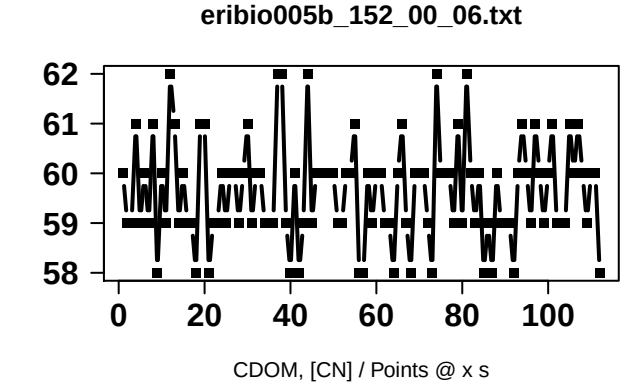

eribio005b_151_00_06.txt
62
61
60
59
58
57
0
20
40
60
80
100
CDOM, [CN] / Points @ x s

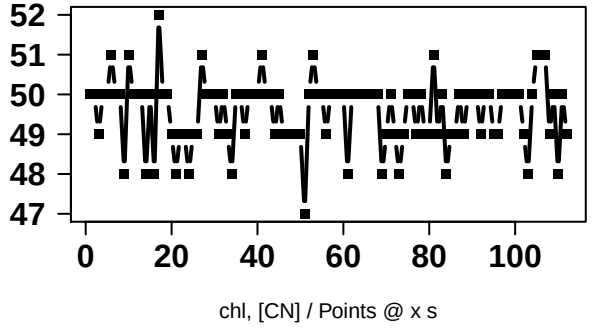

52
51
50
49
48
47
0
20
40
60
80
100
chl, [CN] / Points @ x s

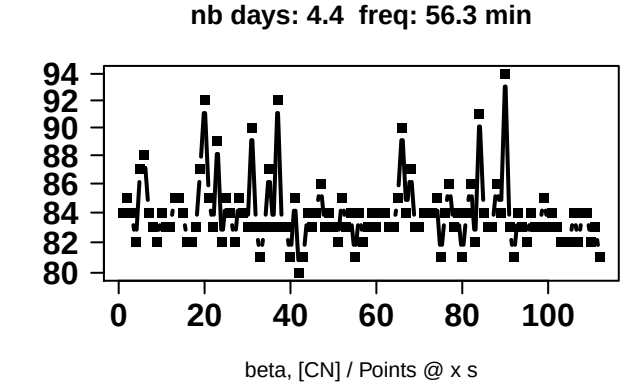

nb days: 4.4 freq: 56.8 min
95
90
85
80
0
20
40
60
80
100
beta, [CN] / Points @ x s

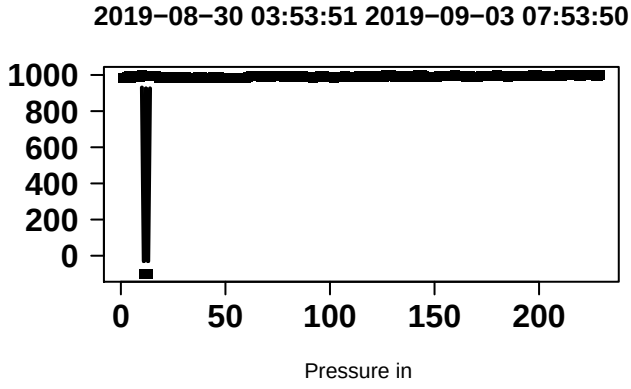

2019−08−24 23:40:18 2019−08−29 08:40:22
1000
800
600
400
200
0
0
50
100
150
200
250
Pressure in

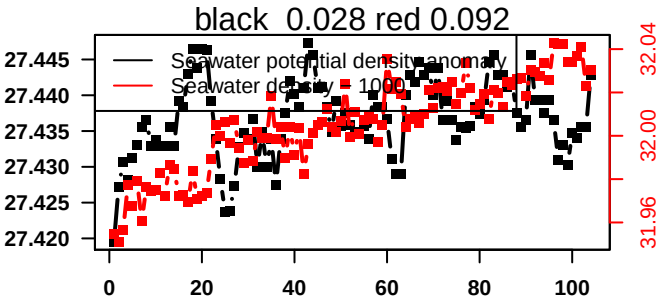

black 0.022 red 0.099
Seawater potential density anomaly
Seawater density − 1000
27.445
27.440
27.435
27.430
27.425
0
20
40
60
80
100
32.02
31.98
31.94

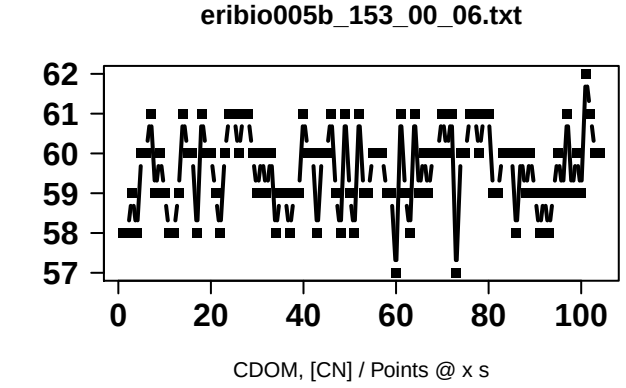

eribio005b_152_00_06.txt
62
61
60
59
58
0
20
40
60
80
100
CDOM, [CN] / Points @ x s

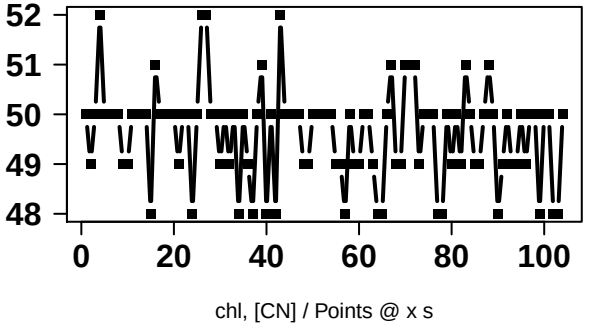

52
51
50
49
48
47
0
20
40
60
80
100
chl, [CN] / Points @ x s

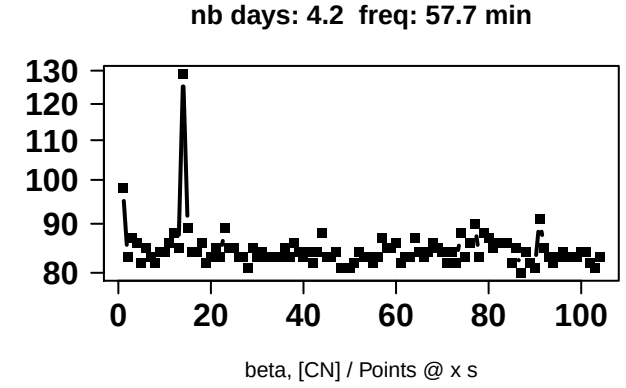

nb days: 4.4 freq: 56.3 min
94
92
90
88
86
84
82
80
0
20
40
60
80
100
beta, [CN] / Points @ x s

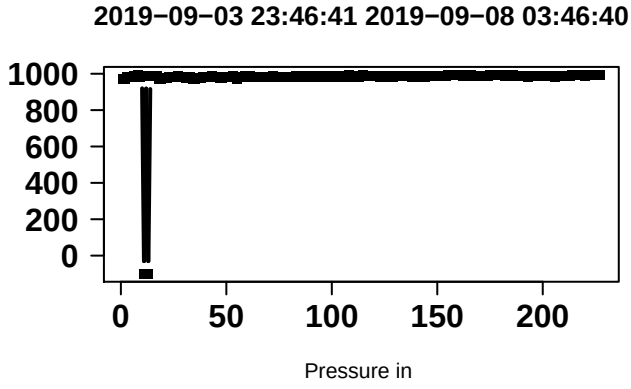

2019−08−30 03:53:51 2019−09−03 07:53:50
1000
800
600
400
200
0
0
50
100
150
200
Pressure in

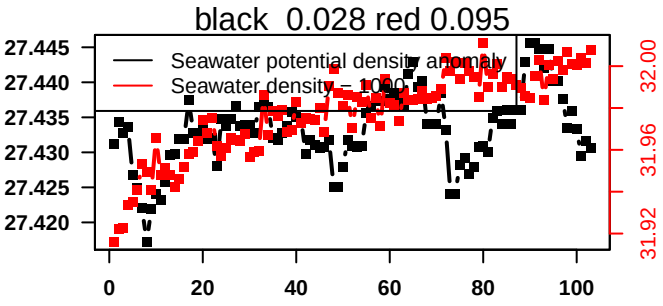

black 0.028 red 0.092
Seawater potential density anomaly
Seawater density − 1000
27.445
27.440
27.435
27.430
27.425
27.420
32.04
32.00
31.96
0
20
40
60
80
100

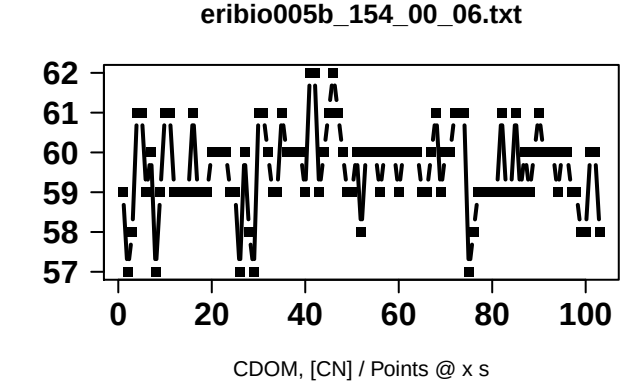

eribio005b_153_00_06.txt
62
61
60
59
58
57
0
20
40
60
80
100
CDOM, [CN] / Points @ x s

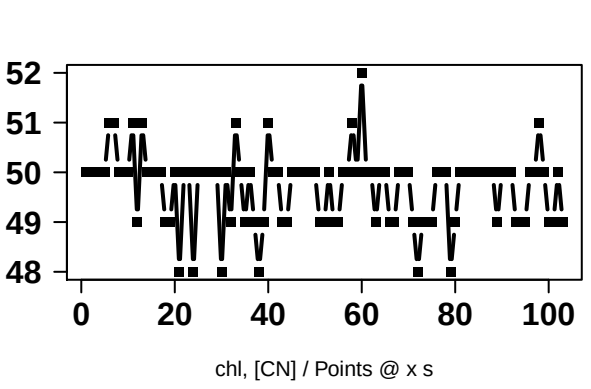

52
51
50
49
48
0
20
40
60
80
100
chl, [CN] / Points @ x s

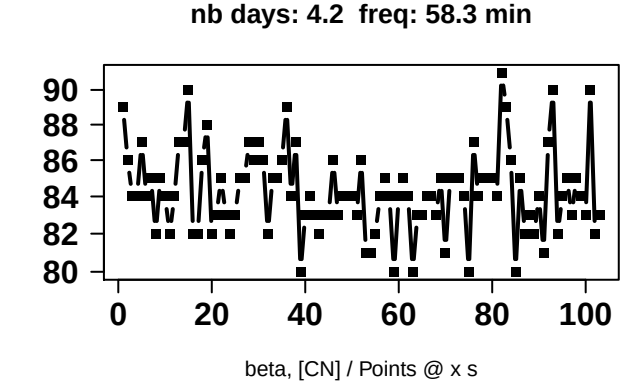

nb days: 4.2 freq: 57.7 min
130
120
110
100
90
80
0
20
40
60
80
100
beta, [CN] / Points @ x s

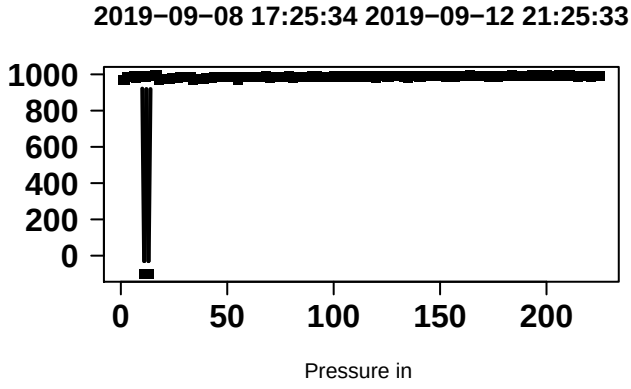

2019−09−03 23:46:41 2019−09−08 03:46:40
1000
800
600
400
200
0
0
50
100
150
200
Pressure in

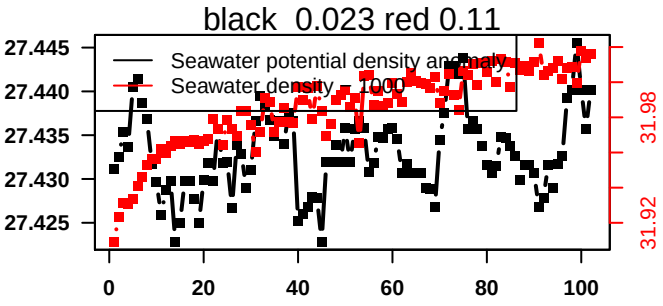

black 0.028 red 0.095
Seawater potential density anomaly
Seawater density − 1000 s
27.445
27.440
27.435
27.430
27.425
27.420
32.00
31.96
31.92
0
20
40
60
80
100

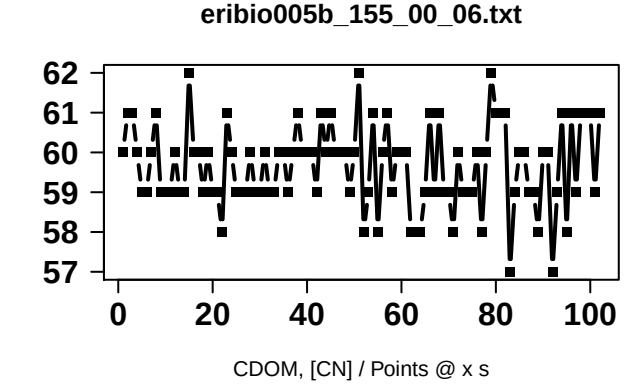

eribio005b_154_00_06.txt
62
61
60
59
58
57
0
20
40
60
80
100
CDOM, [CN] / Points @ x s

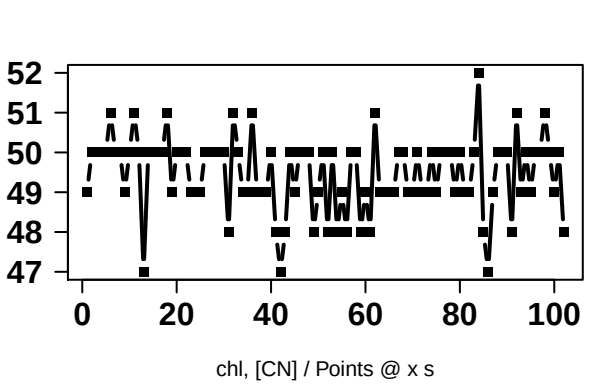

52
51
50
49
48
0
20
40
60
80
100
chl, [CN] / Points @ x s

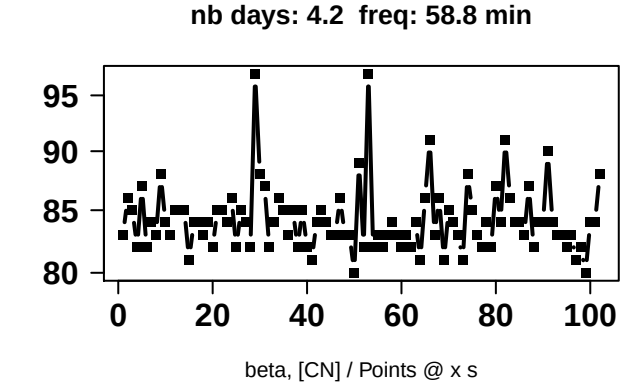

nb days: 4.2 freq: 58.3 min
90
88
86
84
82
80
0
20
40
60
80
100
beta, [CN] / Points @ x s

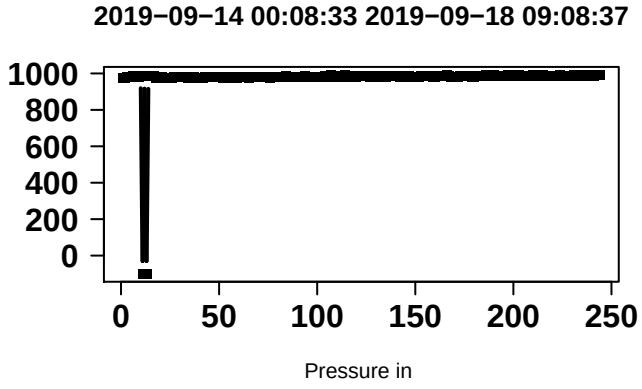

2019−09−08 17:25:34 2019−09−12 21:25:33
1000
800
600
400
200
0
0
50
100
150
200
Pressure in

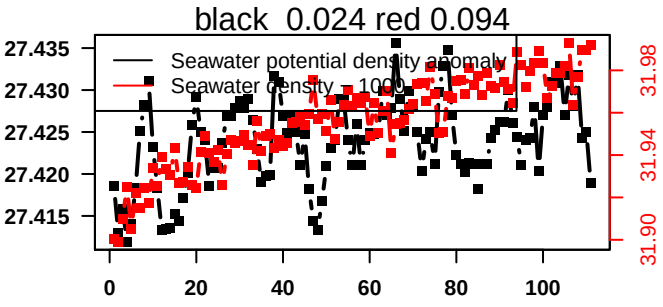

black 0.023 red 0.11
Seawater potential density anomaly
Seawater density − 1000
27.445
27.440
27.435
27.430
27.425
31.98
31.92
0
20
40
60
80
100

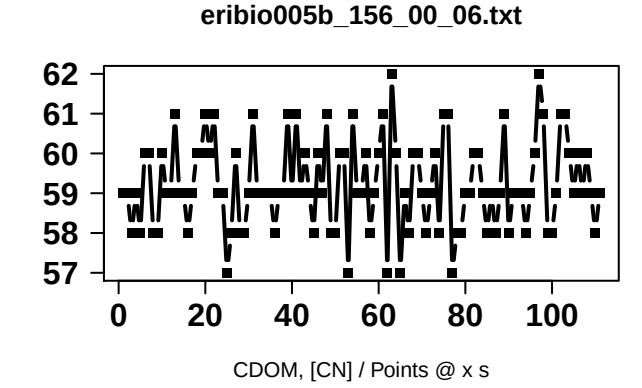

eribio005b_155_00_06.txt
62
61
60
59
58
57
0
20
40
60
80
100
CDOM, [CN] / Points @ x s

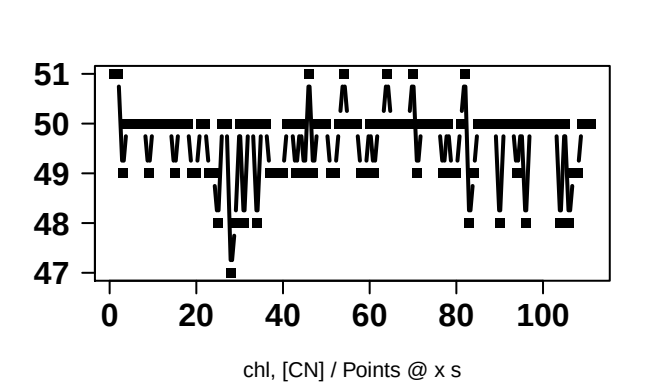

52
51
50
49
48
47
0
20
40
60
80
100
chl, [CN] / Points @ x s

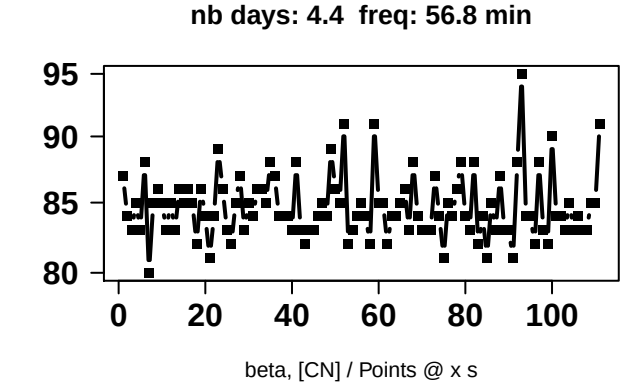

nb days: 4.2 freq: 58.8 min
95
90
85
80
0
20
40
60
80
100
beta, [CN] / Points @ x s

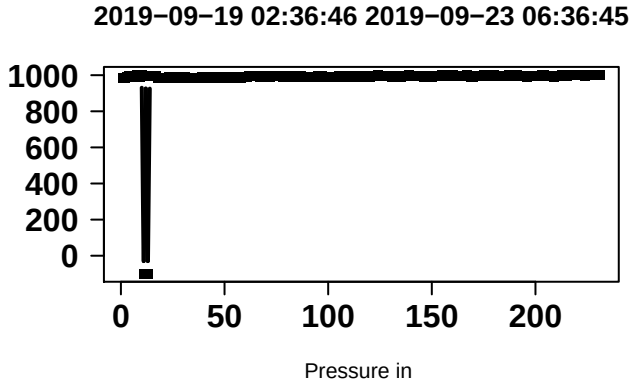

2019−09−14 00:08:33 2019−09−18 09:08:37
1000
800
600
400
200
0
0
50
100
150
200
250
Pressure in

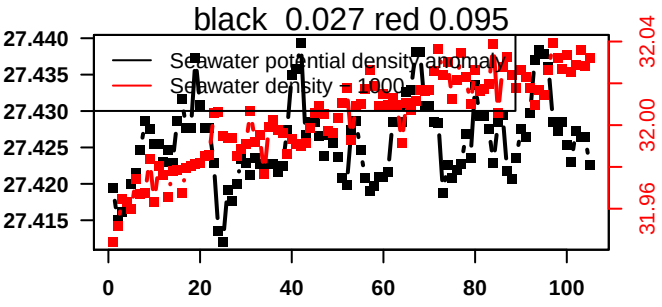

black 0.024 red 0.094
Seawater potential density anomaly
Seawater density − 1000
27.435
27.430
27.425
27.420
27.415
31.98
31.94
31.90
0
20
40
60
80
100

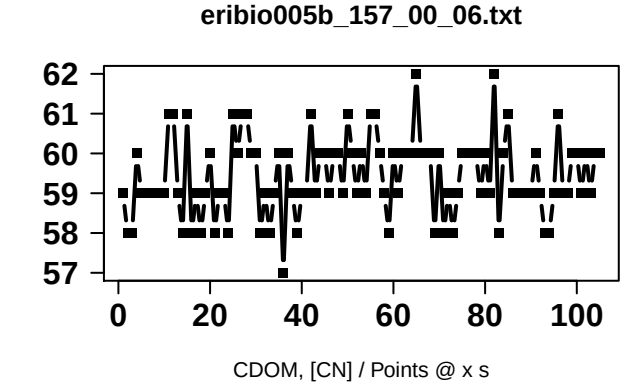

eribio005b_156_00_06.txt
62
61
60
59
58
57
0
20
40
60
80
100
CDOM, [CN] / Points @ x s

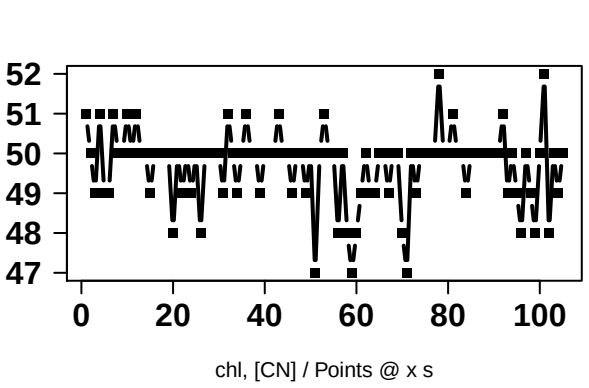

51
50
49
48
47
0
20
40
60
80
100
chl, [CN] / Points @ x s

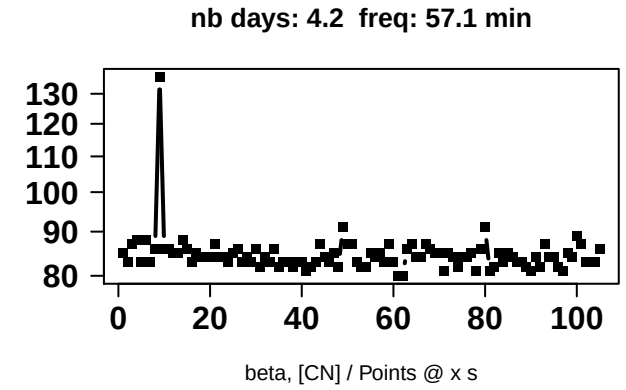

nb days: 4.4 freq: 56.8 min
95
90
85
80
0
20
40
60
80
100
beta, [CN] / Points @ x s

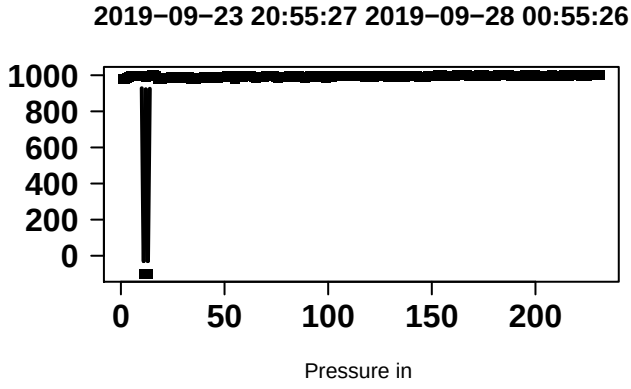

2019−09−19 02:36:46 2019−09−23 06:36:45
1000
800
600
400
200
0
0
50
100
150
200
Pressure in

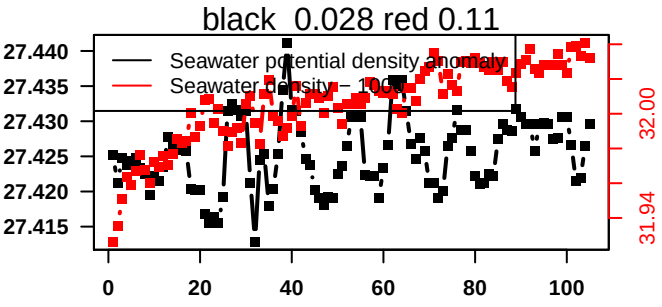

black 0.027 red 0.095
Seawater potential density anomaly
Seawater density − 1000
27.440
27.435
27.430
27.425
27.420
27.415
32.04
32.00
31.96
0
20
40
60
80
100

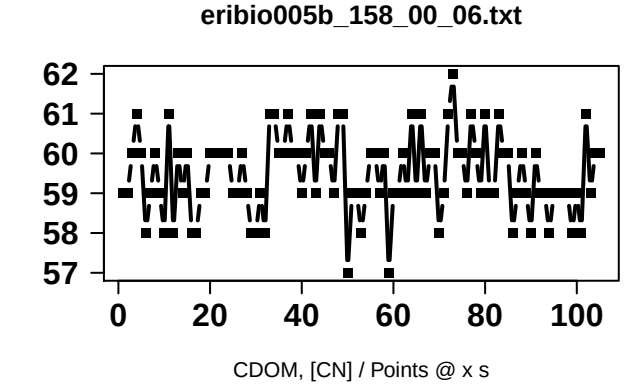

eribio005b_157_00_06.txt
62
61
60
59
58
57
0
20
40
60
80
100
CDOM, [CN] / Points @ x s

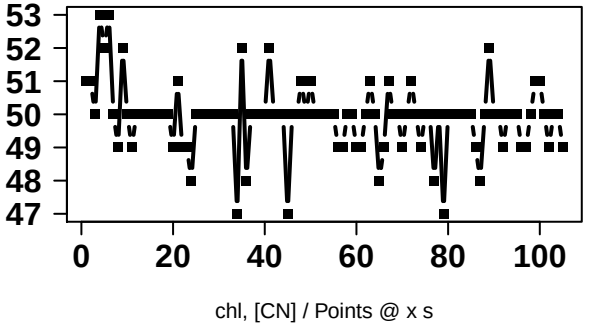

52
51
50
49
48
47
0
20
40
60
80
100
chl, [CN] / Points @ x s

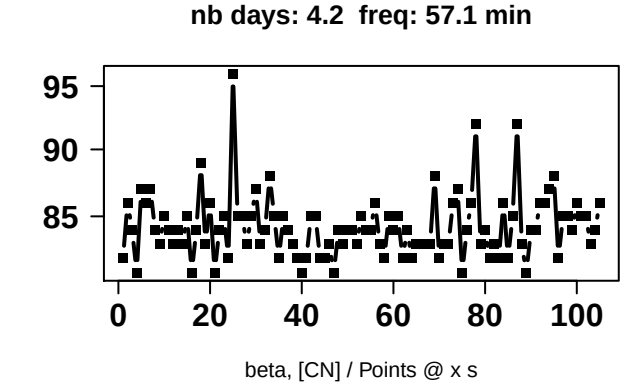

nb days: 4.2 freq: 57.1 min
130
120
110
100
90
80
0
20
40
60
80
100
beta, [CN] / Points @ x s

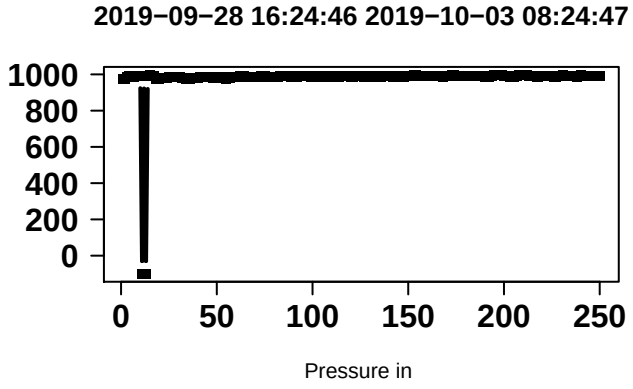

2019−09−23 20:55:27 2019−09−28 00:55:26
1000
800
600
400
200
0
0
50
100
150
200
Pressure in

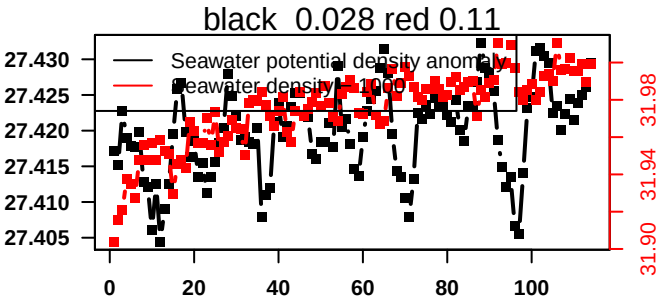

black 0.028 red 0.11
Seawater potential density anomaly
Seawater Density − 1000
27.440
27.435
27.430
27.425
27.420
27.415
32.00
31.94
0
20
40
60
80
100

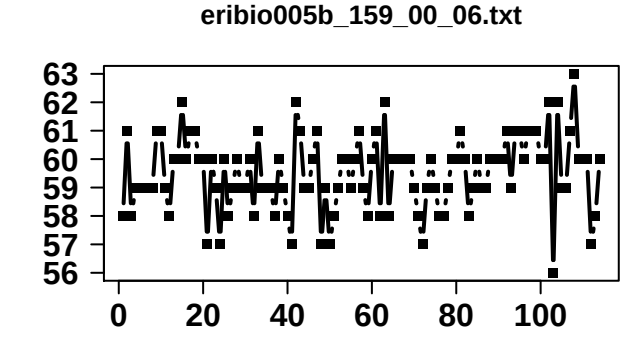

eribio005b_158_00_06.txt
62
61
60
59
58
57
0
20
40
60
80
100
CDOM, [CN] / Points @ x s

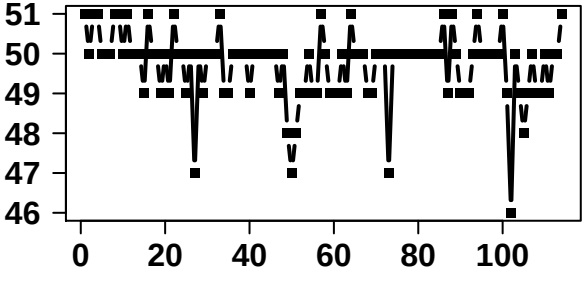

53
52
51
50
49
48
47
0
20
40
60
80
100
chl, [CN] / Points @ x s

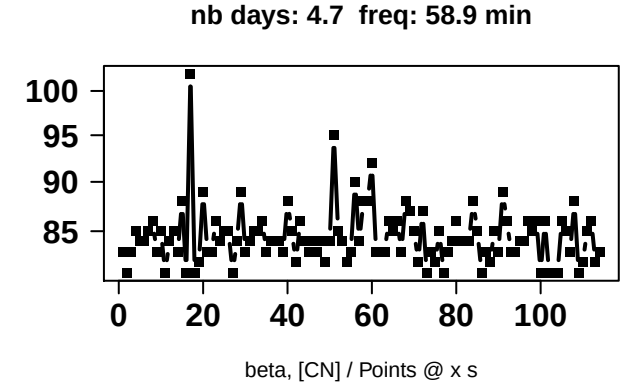

nb days: 4.2 freq: 57.1 min
95
90
85
0
20
40
60
80
100
beta, [CN] / Points @ x s

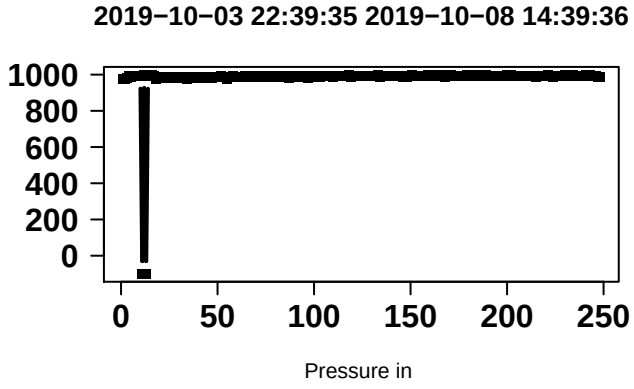

2019−09−28 16:24:46 2019−10−03 08:24:47
1000
800
600
400
200
0
0
50
100
150
200
250
Pressure in

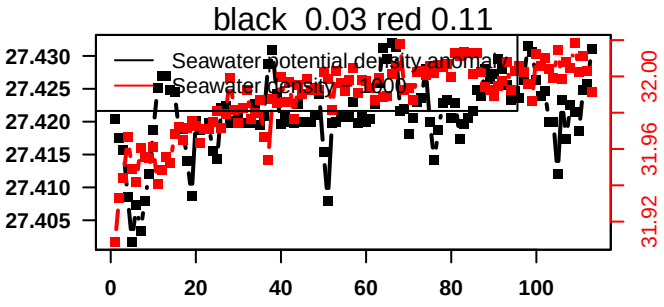

black 0.028 red 0.11
Seawater potential density anomaly
Seawater density − 1000
27.430
27.425
27.420
27.415
27.410
27.405
31.98
31.94
31.90
0
20
40
60
80
100

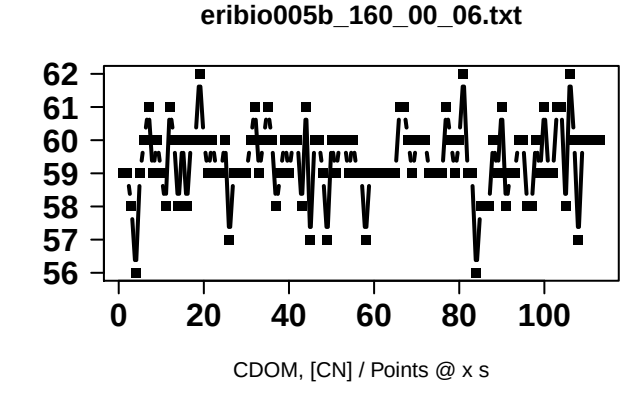

eribio005b_159_00_06.txt
63
62
61
60
59
58
57
56
0
20
40
60
80
100
CDOM, [CN] / Points @ x s

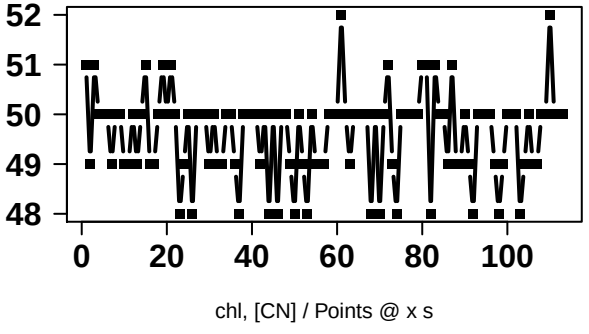

51
50
49
48
47
46
0
20
40
60
80
100
chl, [CN] / Points @ x s

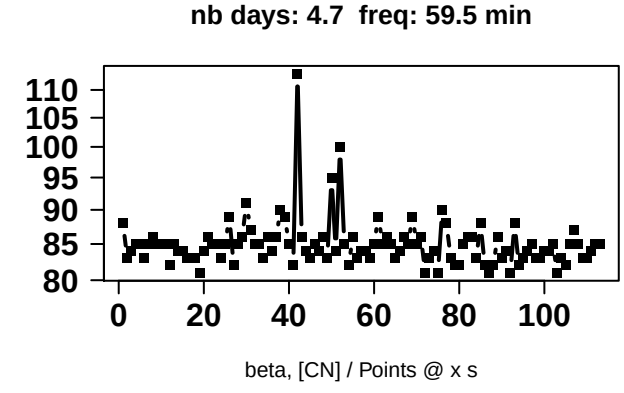

nb days: 4.7 freq: 58.9 min
100
95
90
85
0
20
40
60
80
100
beta, [CN] / Points @ x s

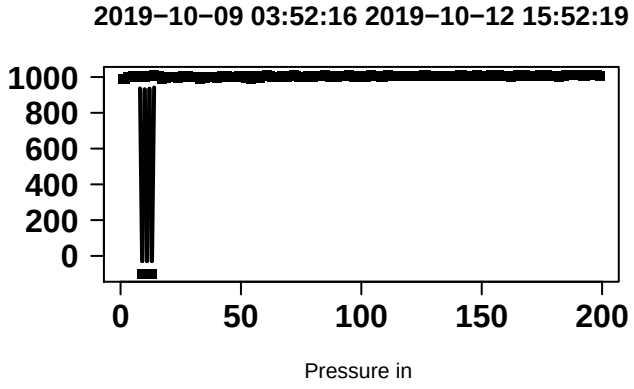

2019−10−03 22:39:35 2019−10−08 14:39:36
1000
800
600
400
200
0
0
50
100
150
200
250
Pressure in

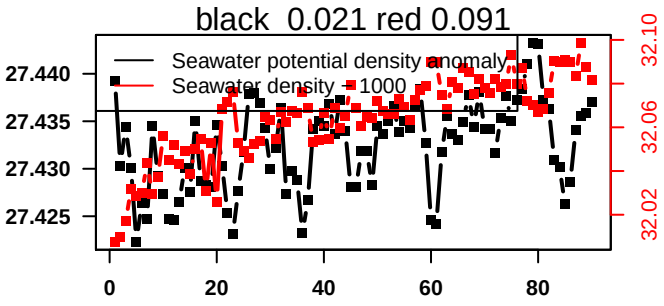

black 0.03 red 0.11
Seawater potential density anomaly
Seawater density − 1000
27.430
27.425
27.420
27.415
27.410
27.405
0
20
40
60
80
100
32.00
31.96
31.92

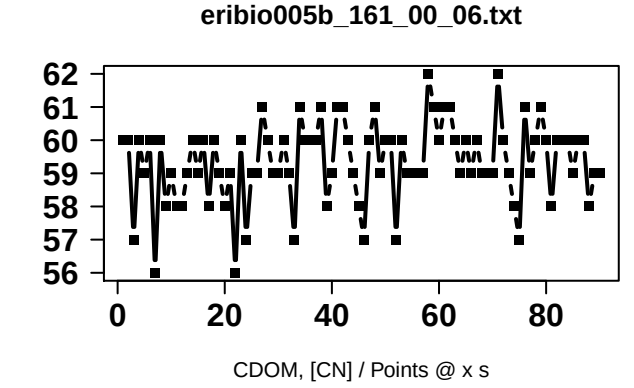

eribio005b_160_00_06.txt
62
61
60
59
58
57
56
0
20
40
60
80
100
CDOM, [CN] / Points @ x s

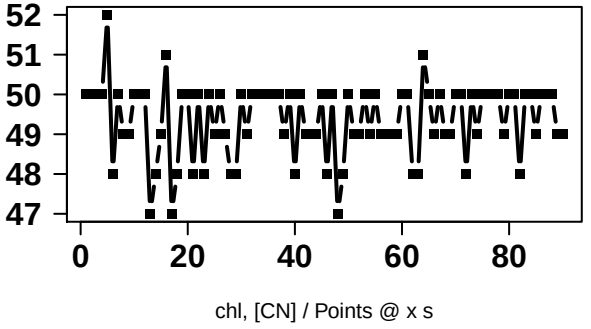

52
51
50
49
48
0
20
40
60
80
100
chl, [CN] / Points @ x s

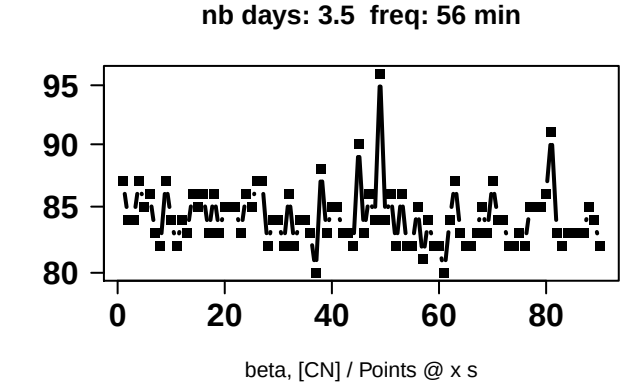

nb days: 4.7 freq: 59.5 min
110
105
100
95
90
85
80
0
20
40
60
80
100
beta, [CN] / Points @ x s

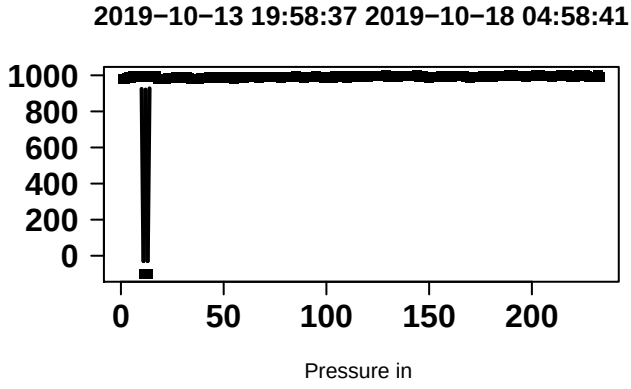

2019−10−09 03:52:16 2019−10−12 15:52:19
1000
800
600
400
200
0
0
50
100
150
200
Pressure in

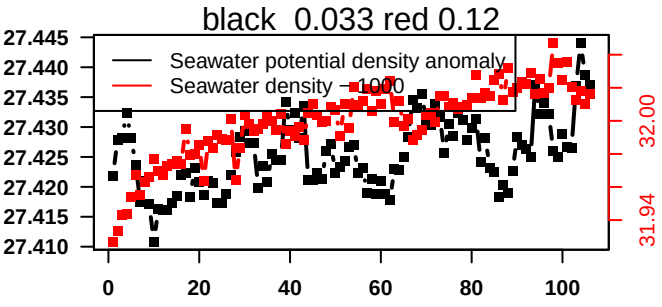

black 0.021 red 0.091
Seawater potential density anomaly
Seawater density − 1000
27.440
27.435
27.430
27.425
32.10
32.06
32.02
0
20
40
60
80

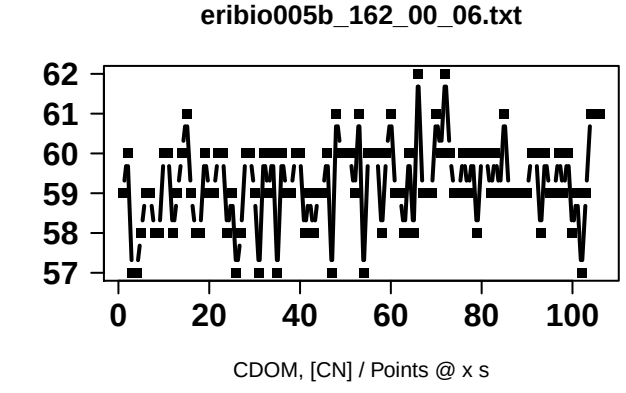

eribio005b_161_00_06.txt
62
61
60
59
58
57
56
0
20
40
60
80
CDOM, [CN] / Points @ x s

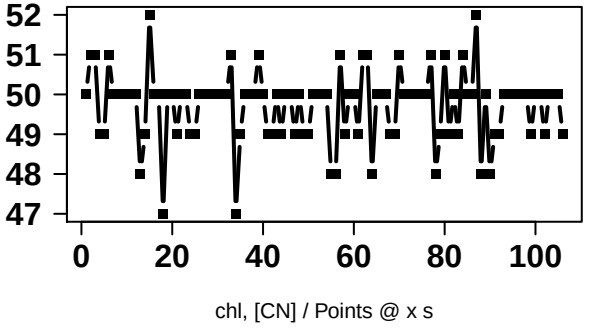

52
51
50
49
48
47
0
20
40
60
80
chl, [CN] / Points @ x s

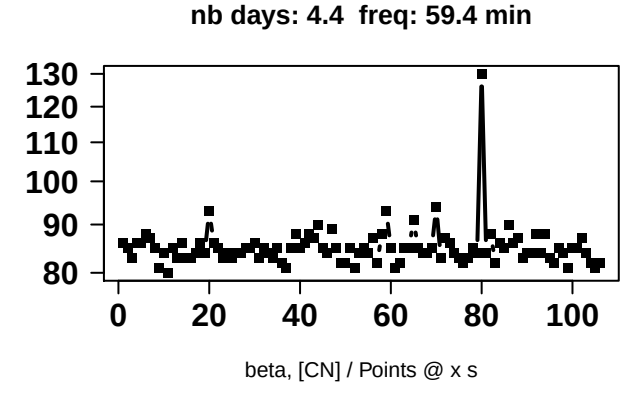

nb days: 3.5 freq: 56 min
95
90
85
80
0
20
40
60
80
beta, [CN] / Points @ x s

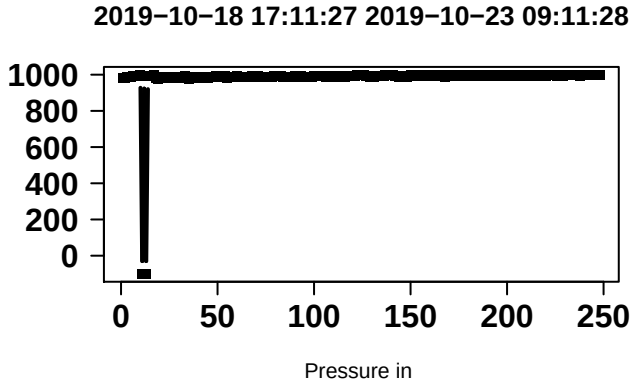

2019−10−13 19:58:37 2019−10−18 04:58:41
1000
800
600
400
200
0
0
50
100
150
200
Pressure in

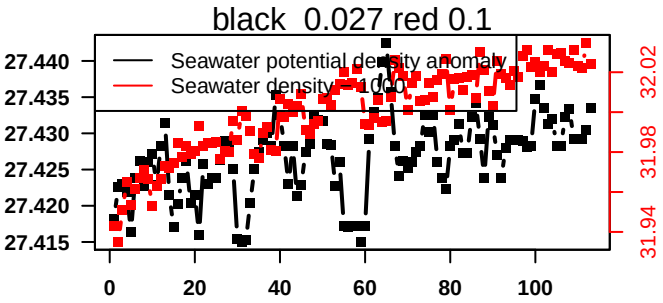

black 0.033 red 0.12
Seawater potential density anomaly
Seawater density − 1000
27.445
27.440
27.435
27.430
27.425
27.420
27.415
27.410
32.00
31.94
0
20
40
60
80
100

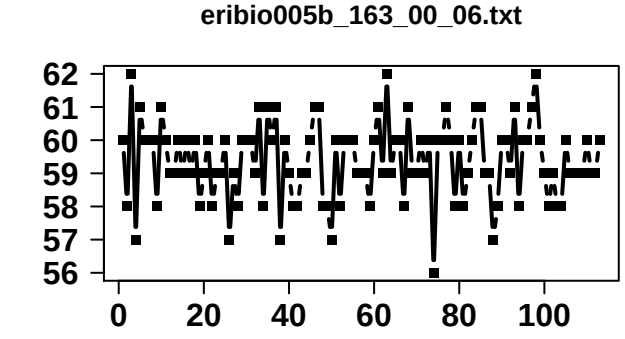

eribio005b_162_00_06.txt
62
61
60
59
58
57
0
20
40
60
80
100
CDOM, [CN] / Points @ x s

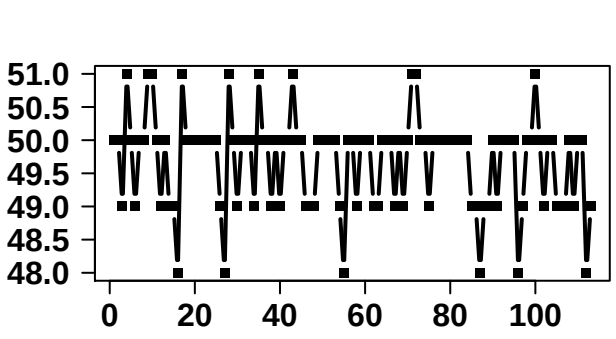

52
51
50
49
48
47
0
20
40
60
80
100
chl, [CN] / Points @ x s

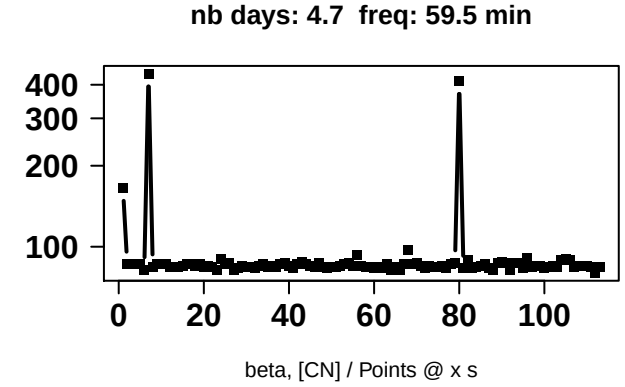

nb days: 4.4 freq: 59.4 min
130
120
110
100
90
80
0
20
40
60
80
100
beta, [CN] / Points @ x s

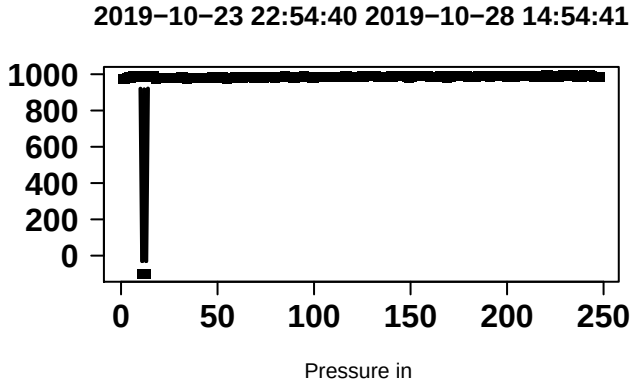

2019−10−18 17:11:27 2019−10−23 09:11:28
1000
800
600
400
200
0
0
50
100
150
200
250
Pressure in

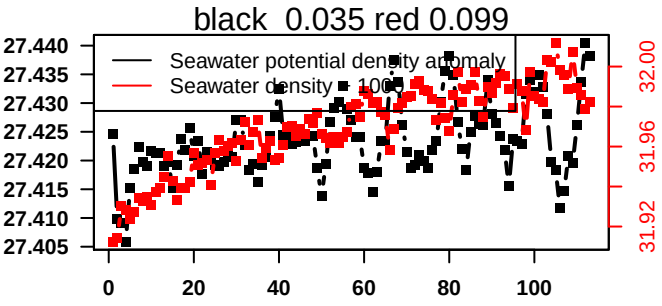

black 0.027 red 0.1
Seawater potential density anomaly
Seawater density −1000
27.440
27.435
27.430
27.425
27.420
27.415
32.02
31.98
31.94
0
20
40
60
80
100

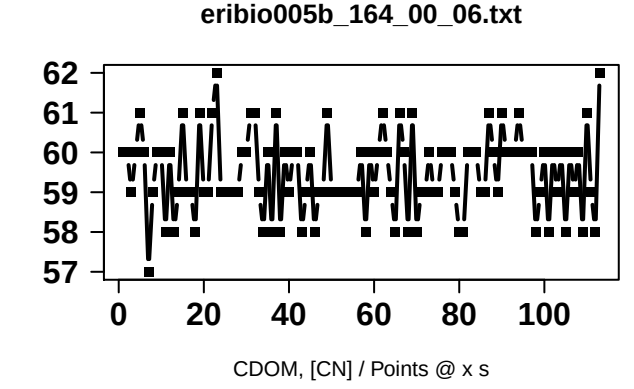

eribio005b_163_00_06.txt
62
61
60
59
58
57
56
0
20
40
60
80
100
CDOM, [CN] / Points @ x s

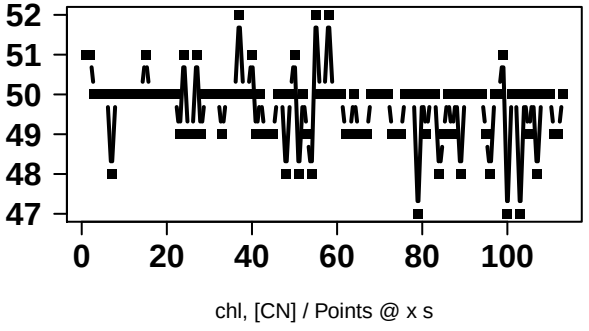

51.0
50.5
50.0
49.5
49.0
48.5
48.0
0
20
40
60
80
100
chl, [CN] / Points @ x s

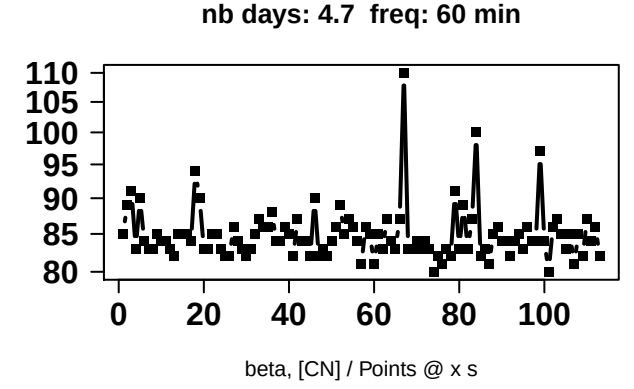

nb days: 4.7 freq: 59.5 min
400
300
200
100
0
20
40
60
80
100
beta, [CN] / Points @ x s

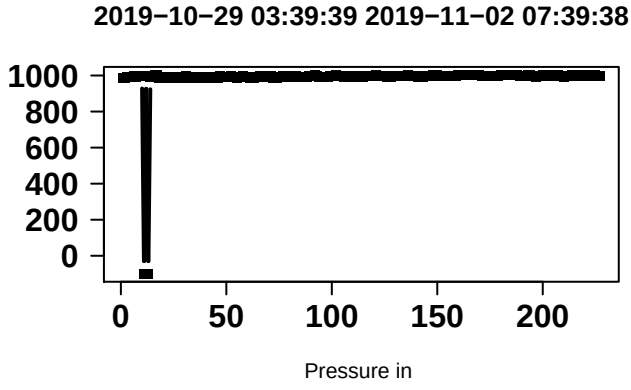

2019−10−23 22:54:40 2019−10−28 14:54:41
1000
800
600
400
200
0
0
50
100
150
200
250
Pressure in

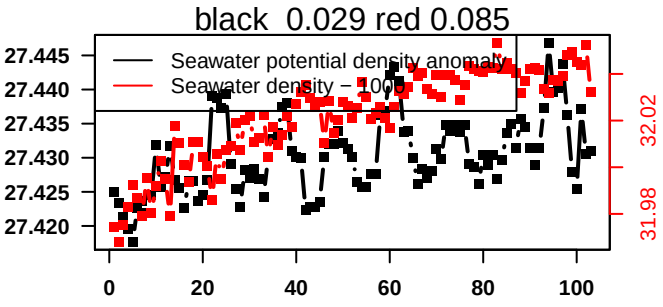

black 0.035 red 0.099
Seawater potential density anomaly
Seawater density − 1000
27.440
27.435
27.430
27.425
27.420
27.415
27.410
27.405
32.00
31.96
31.92
0
20
40
60
80
100

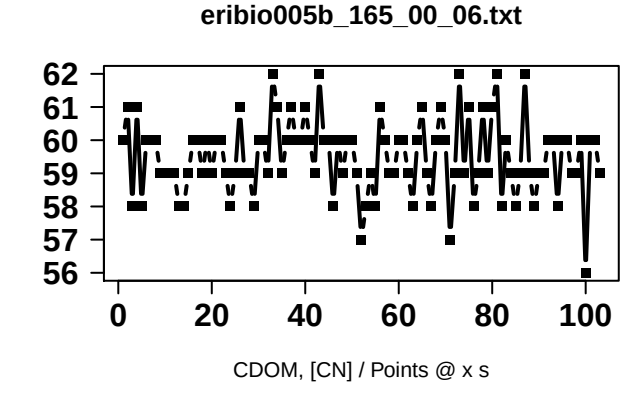

eribio005b_164_00_06.txt
62
61
60
59
58
57
0
20
40
60
80
100
CDOM, [CN] / Points @ x s

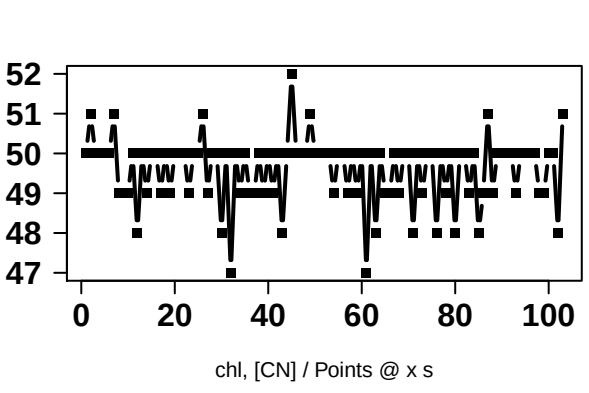

52
51
50
49
48
47
0
20
40
60
80
100
chl, [CN] / Points @ x s

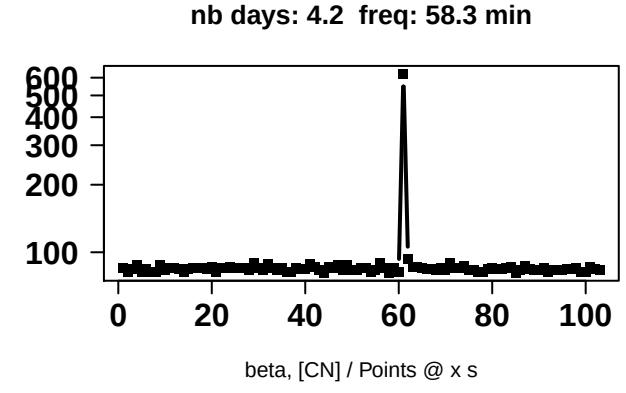

nb days: 4.7 freq: 60 min
110
105
100
95
90
85
80
0
20
40
60
80
100
beta, [CN] / Points @ x s

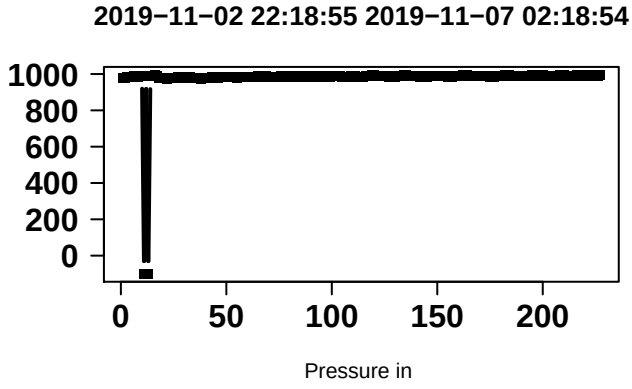

2019−10−29 03:39:39 2019−11−02 07:39:38
1000
800
600
400
200
0
0
50
100
150
200
Pressure in

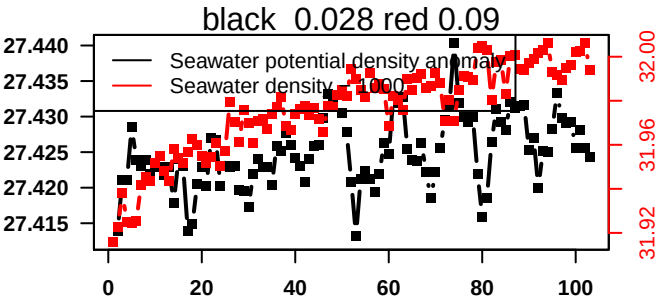

black 0.029 red 0.085
Seawater potential density anomaly
Seawater density − 1000
27.445
27.440
27.435
27.430
27.425
27.420
32.02
31.98
0
20
40
60
80
100

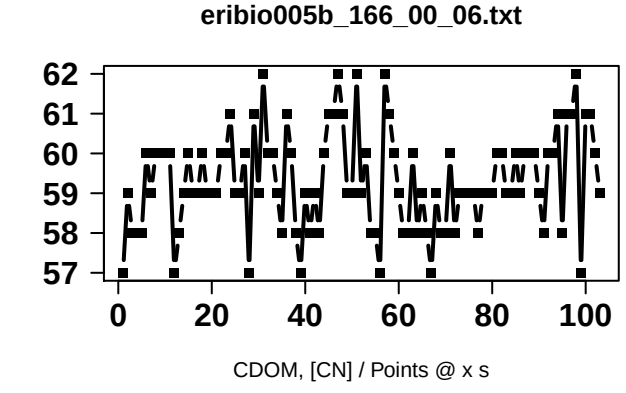

eribio005b_165_00_06.txt
62
61
60
59
58
57
56
0
20
40
60
80
100
CDOM, [CN] / Points @ x s

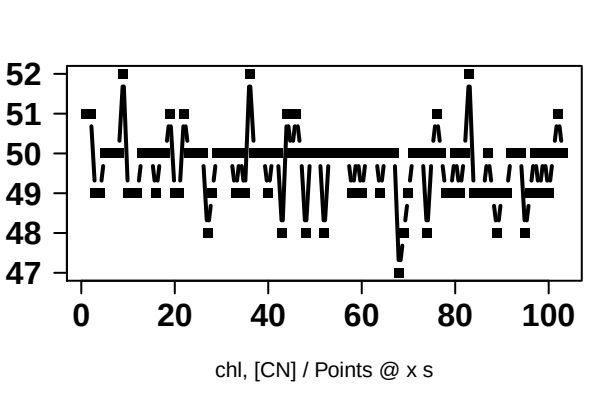

52
51
50
49
48
47
0
20
40
60
80
100
chl, [CN] / Points @ x s

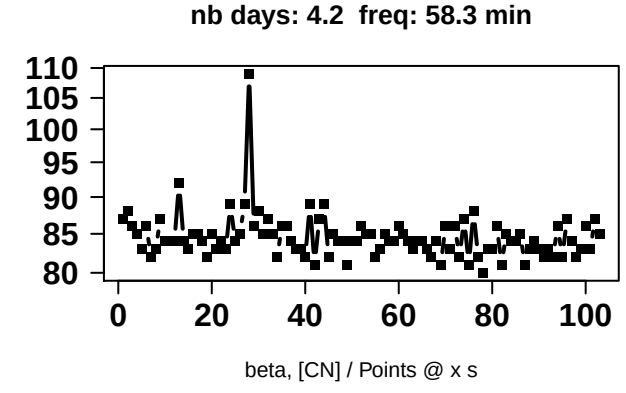

nb days: 4.2 freq: 58.3 min
600
500
400
300
200
100
0
20
40
60
80
100
beta, [CN] / Points @ x s

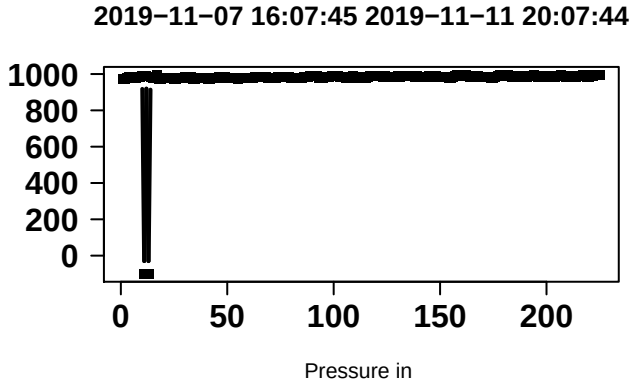

2019−11−02 22:18:55 2019−11−07 02:18:54
1000
800
600
400
200
0
0
50
100
150
200
Pressure in

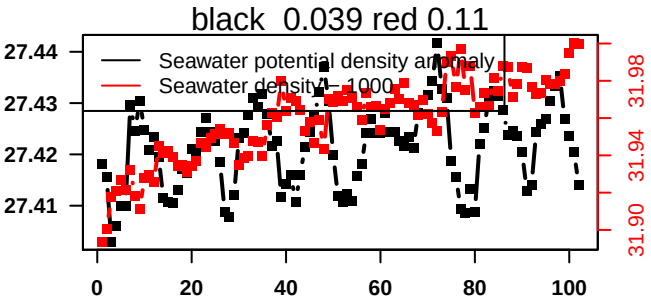

black 0.028 red 0.09
Seawater potential density anomaly
Seawater density − 1000
27.440
27.435
27.430
27.425
27.420
27.415
32.00
31.96
31.92
0
20
40
60
80
100

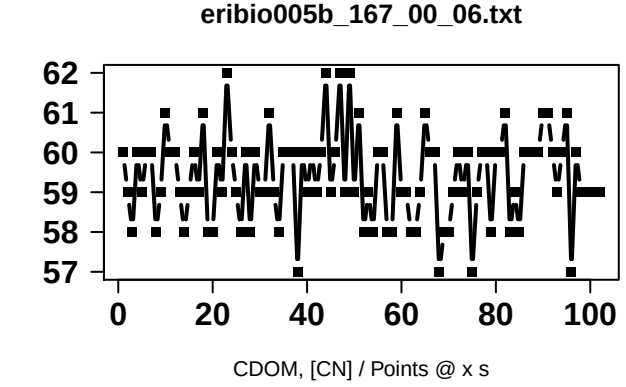

eribio005b_166_00_06.txt
62
61
60
59
58
57
0
20
40
60
80
100
CDOM, [CN] / Points @ x s

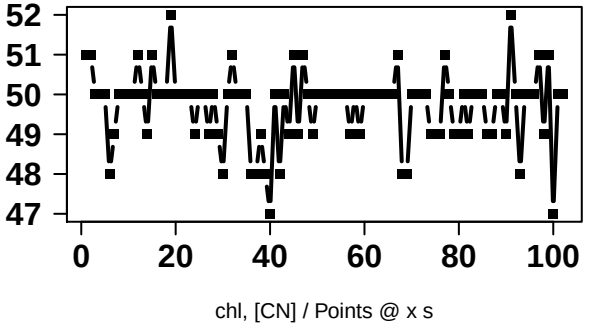

52
51
50
49
48
47
0
20
40
60
80
100
chl, [CN] / Points @ x s

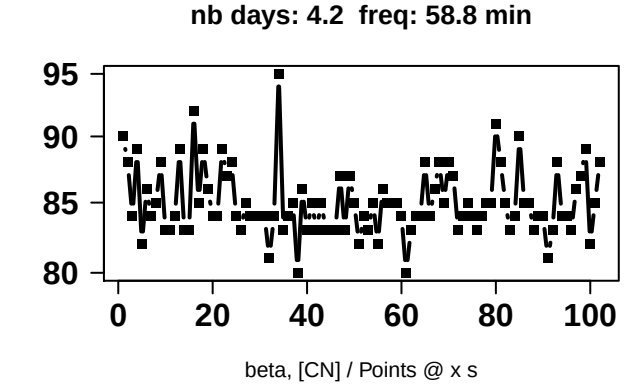

nb days: 4.2 freq: 58.3 min
110
105
100
95
90
85
80
0
20
40
60
80
100
beta, [CN] / Points @ x s

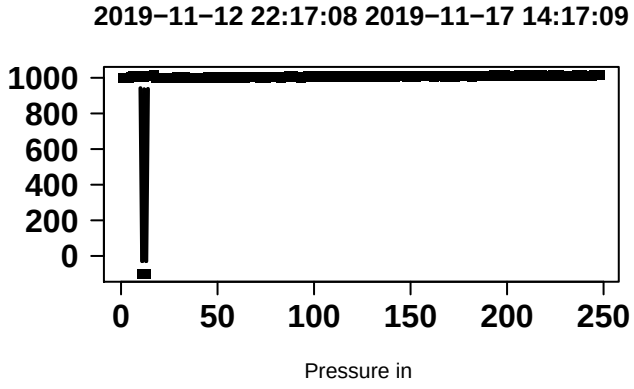

2019−11−07 16:07:45 2019−11−11 20:07:44
1000
800
600
400
200
0
0
50
100
150
200
Pressure in

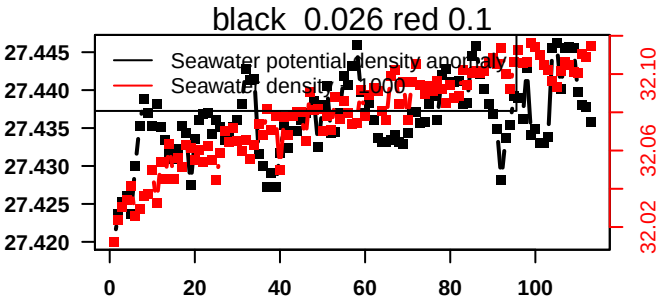

black 0.039 red 0.11
Seawater potential density anomaly
Seawater density − 1000
27.44
27.43
27.42
27.41
31.98
31.94
31.90
0
20
40
60
80
100

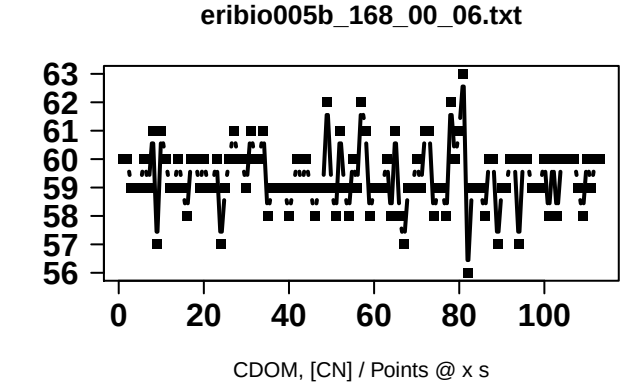

eribio005b_167_00_06.txt
62
61
60
59
58
57
0
20
40
60
80
100
CDOM, [CN] / Points @ x s

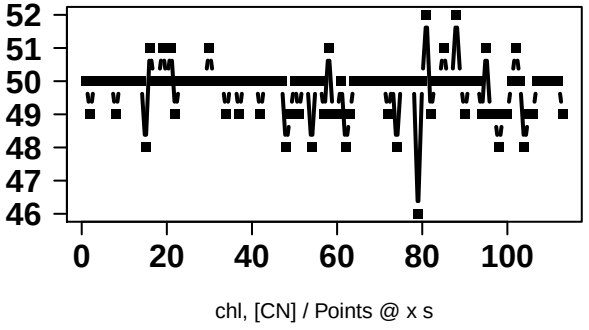

52
51
50
49
48
47
0
20
40
60
80
100
chl, [CN] / Points @ x s

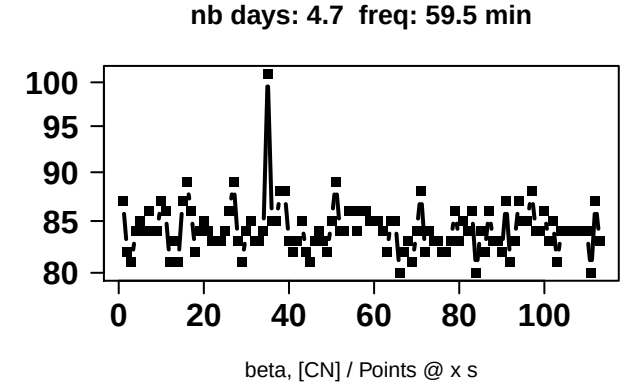

nb days: 4.2 freq: 58.8 min
95
90
85
80
0
20
40
60
80
100
beta, [CN] / Points @ x s

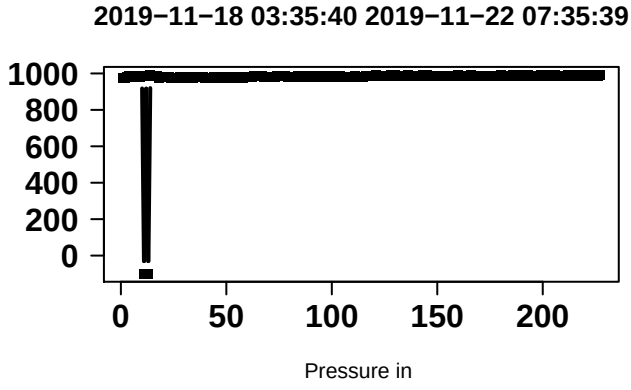

2019−11−12 22:17:08 2019−11−17 14:17:09
1000
800
600
400
200
0
0
50
100
150
200
250
Pressure in

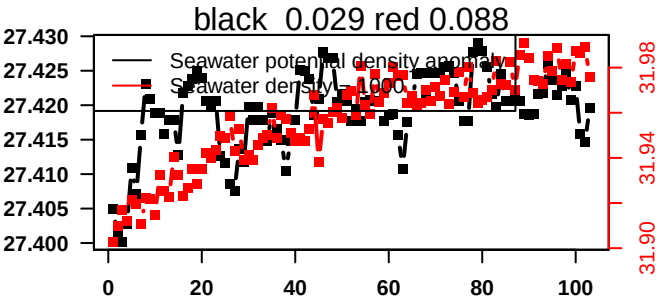

black 0.026 red 0.1
Seawater potential density anomaly
Seawater density − 1000
27.445
27.440
27.435
27.430
27.425
27.420
32.10
32.06
32.02
0
20
40
60
80
100

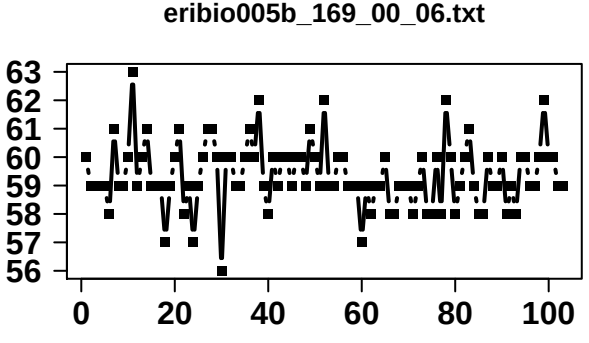

eribio005b_168_00_06.txt
63
62
61
60
59
58
57
56
0
20
40
60
80
100
CDOM, [CN] / Points @ x s

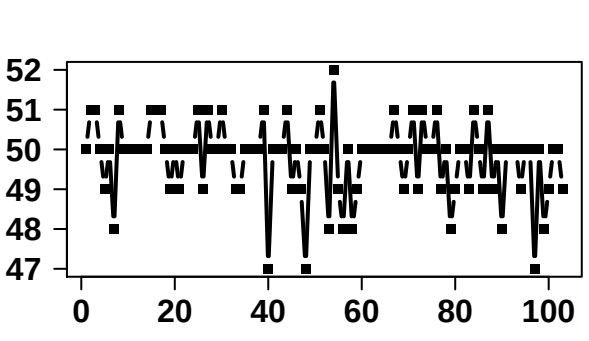

52
51
50
49
48
47
46
0
20
40
60
80
100
chl, [CN] / Points @ x s

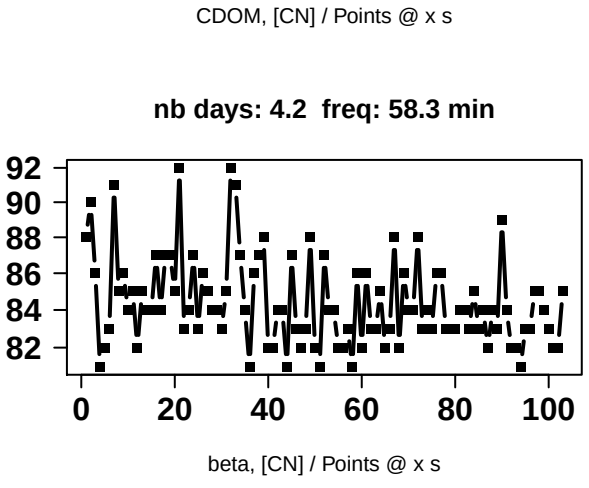

nb days: 4.7 freq: 59.5 min
100
95
90
85
80
0
20
40
60
80
100
beta, [CN] / Points @ x s

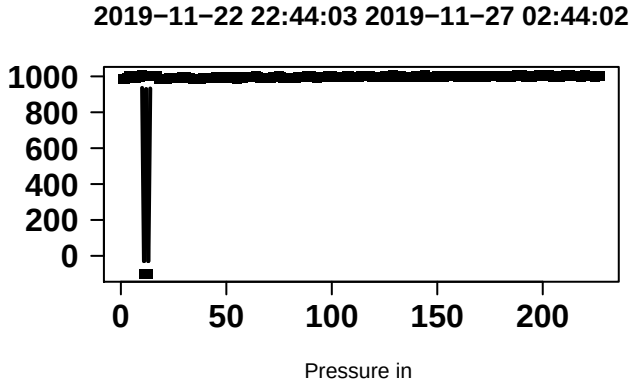

2019−11−18 03:35:40 2019−11−22 07:35:39
1000
800
600
400
200
0
0
50
100
150
200
Pressure in

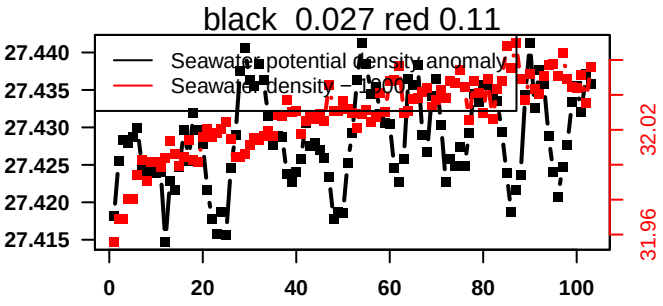

black 0.029 red 0.088
Seawater potential density anomaly
Seawater density − 1000
27.430
27.425
27.420
27.415
27.410
27.405
27.400
31.98
31.94
31.90
0
20
40
60
80
100

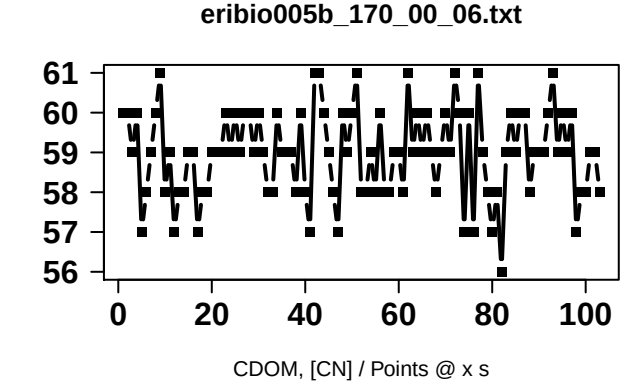

eribio005b_169_00_06.txt
63
62
61
60
59
58
57
56
0
20
40
60
80
100
CDOM, [CN] / Points @ x s

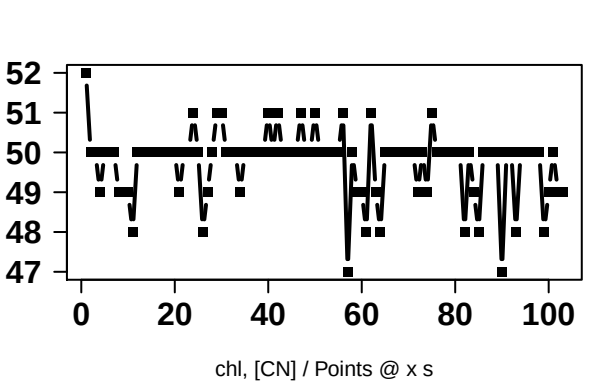

52
51
50
49
48
47
0
20
40
60
80
100
chl, [CN] / Points @ x s

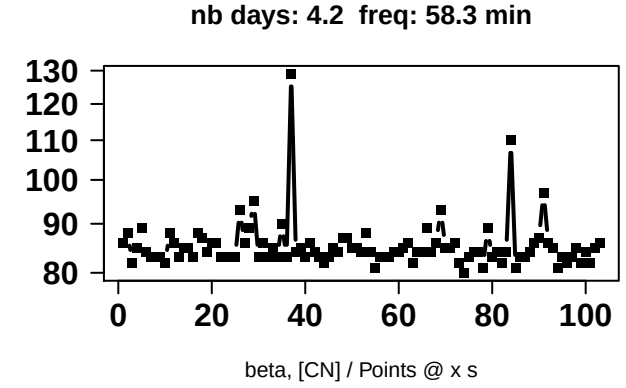

nb days: 4.2 freq: 58.3 min
92
90
88
86
84
82
0
20
40
60
80
100
beta, [CN] / Points @ x s

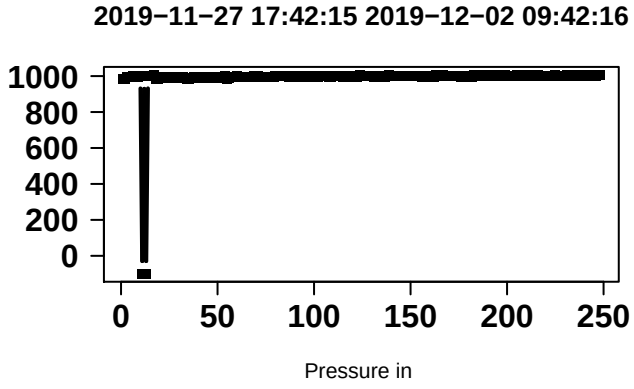

2019−11−22 22:44:03 2019−11−27 02:44:02
1000
800
600
400
200
0
0
50
100
150
200
Pressure in

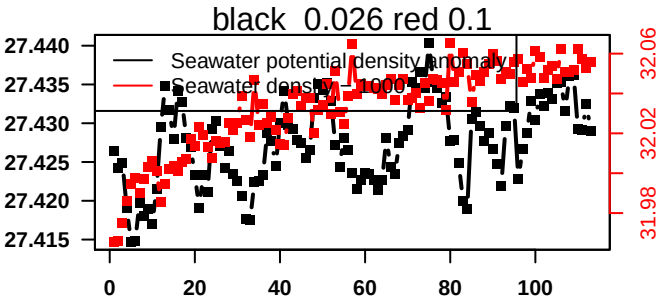

black 0.027 red 0.11
Seawater potential density anomaly
Seawater density − 1000
27.440
27.435
27.430
27.425
27.420
27.415
32.02
31.96
0
20
40
60
80
100

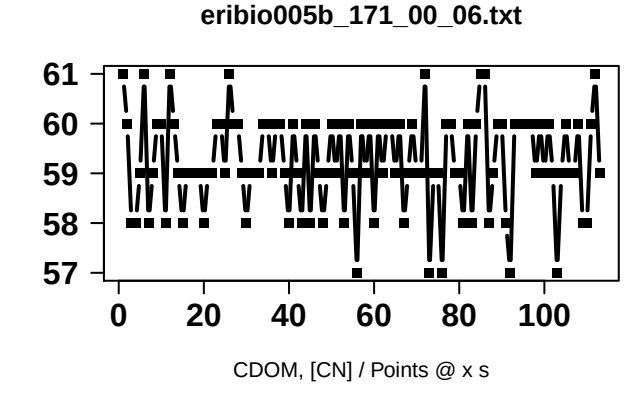

eribio005b_170_00_06.txt
61
60
59
58
57
56
0
20
40
60
80
100
CDOM, [CN] / Points @ x s

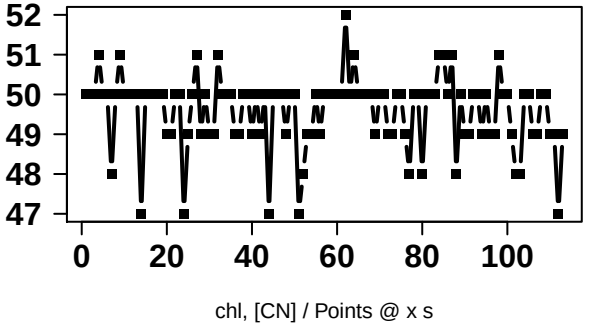

52
51
50
49
48
47
0
20
40
60
80
100
chl, [CN] / Points @ x s

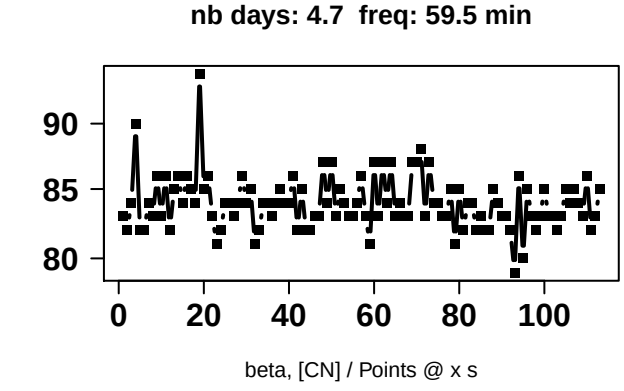

nb days: 4.2 freq: 58.3 min
130
120
110
100
90
80
0
20
40
60
80
100
beta, [CN] / Points @ x s

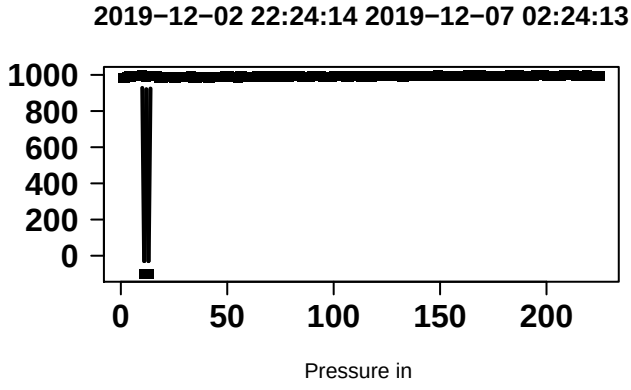

2019−11−27 17:42:15 2019−12−02 09:42:16
1000
800
600
400
200
0
0
50
100
150
200
250
Pressure in

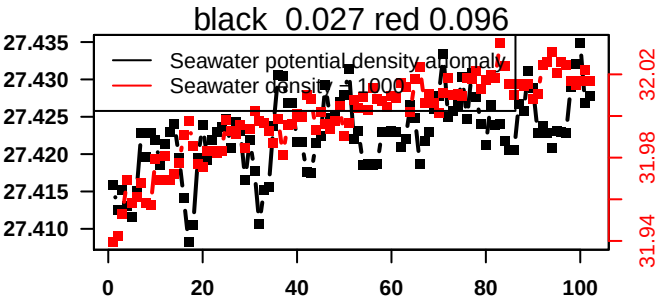

black 0.026 red 0.1
Seawater potential density anomaly
Seawater density − 1000
27.440
27.435
27.430
27.425
27.420
27.415
32.06
32.02
31.98
0
20
40
60
80
100

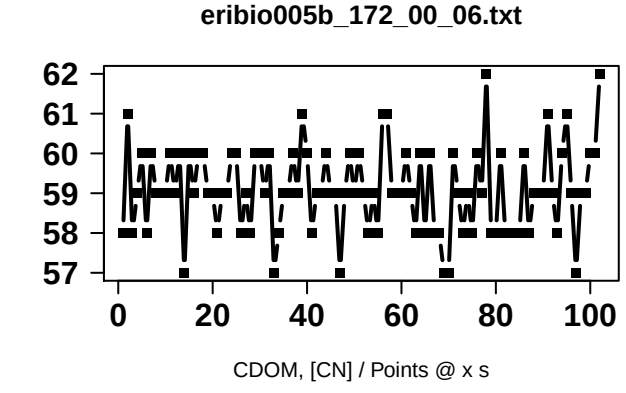

eribio005b_171_00_06.txt
61
60
59
58
57
0
20
40
60
80
100
CDOM, [CN] / Points @ x s

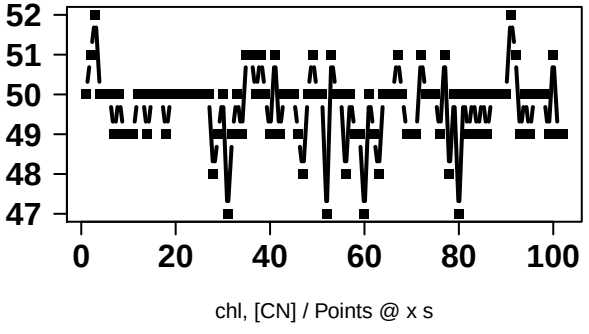

52
51
50
49
48
47
0
20
40
60
80
100
chl, [CN] / Points @ x s

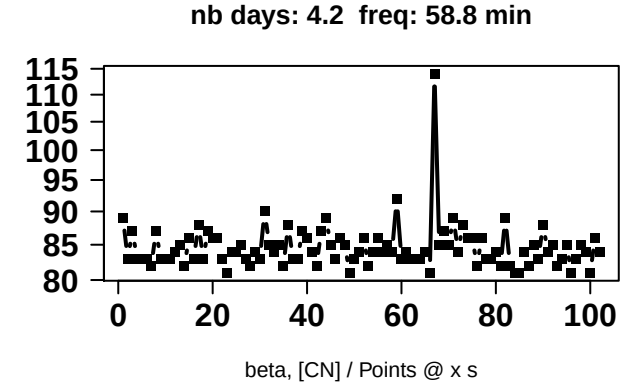

nb days: 4.7 freq: 59.5 min
90
85
80
0
20
40
60
80
100
beta, [CN] / Points @ x s

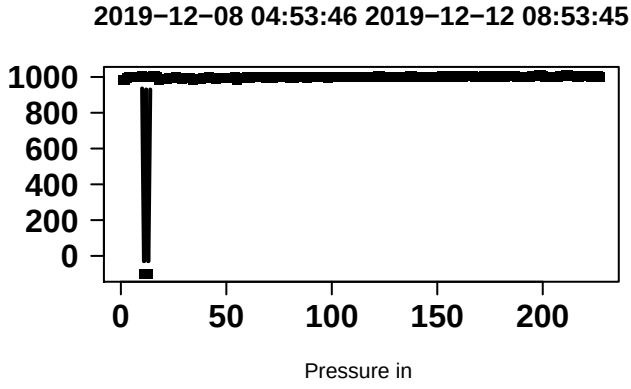

2019−12−02 22:24:14 2019−12−07 02:24:13
1000
800
600
400
200
0
0
50
100
150
200
Pressure in

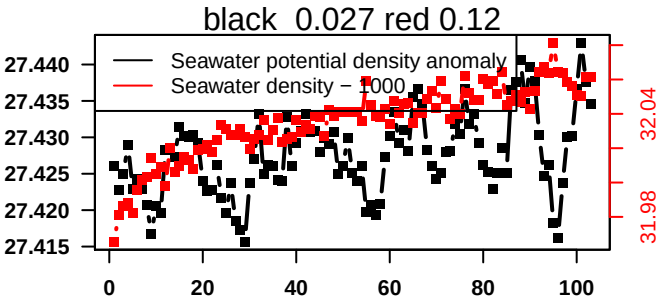

black 0.027 red 0.096
Seawater potential density anomaly
Seawater density − 1000
27.435
27.430
27.425
27.420
27.415
27.410
32.02
31.98
31.94
0
20
40
60
80
100

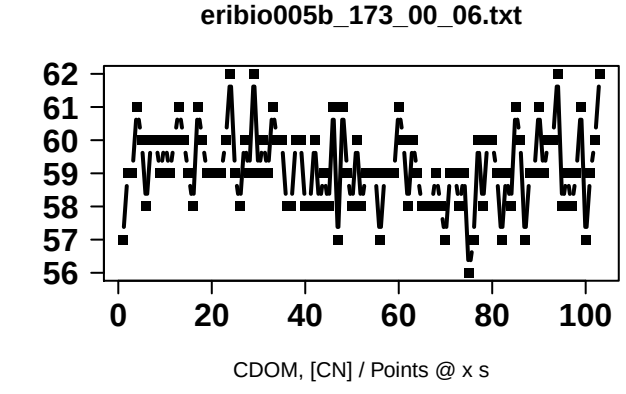

eribio005b_172_00_06.txt
62
61
60
59
58
57
0
20
40
60
80
100
CDOM, [CN] / Points @ x s

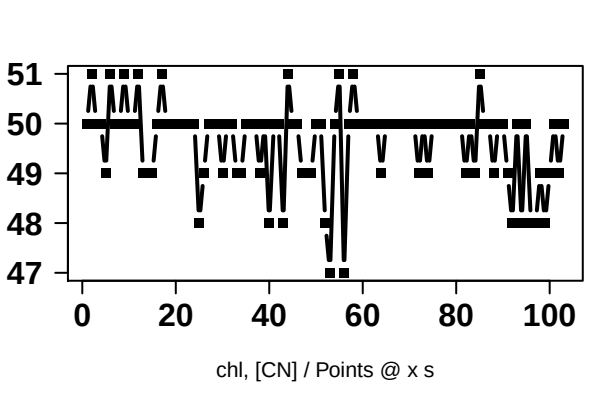

52
51
50
49
48
47
0
20
40
60
80
100
chl, [CN] / Points @ x s

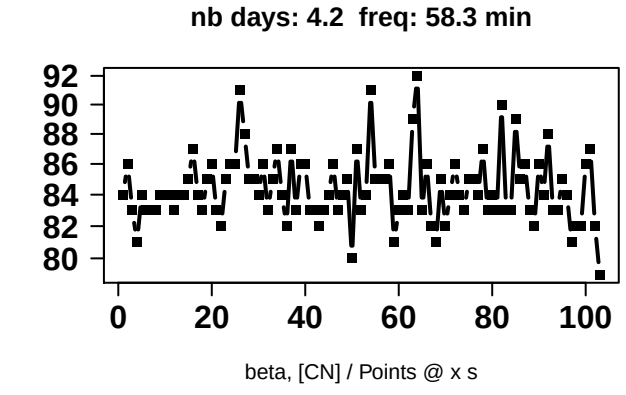

nb days: 4.2 freq: 58.8 min
115
110
105
100
95
90
85
80
0
20
40
60
80
100
beta, [CN] / Points @ x s

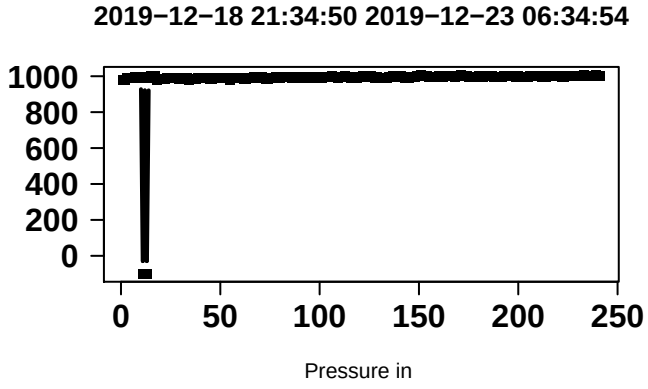

2019−12−08 04:53:46 2019−12−12 08:53:45
1000
800
600
400
200
0
0
50
100
150
200
Pressure in

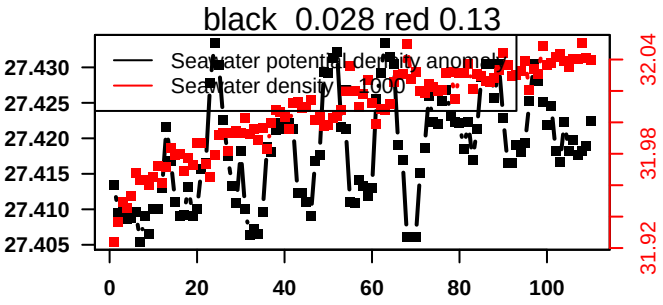

black 0.027 red 0.12
Seawater potential density anomaly
Seawater density − 1000
27.440
27.435
27.430
27.425
27.420
27.415
32.04
31.98
0
20
40
60
80
100

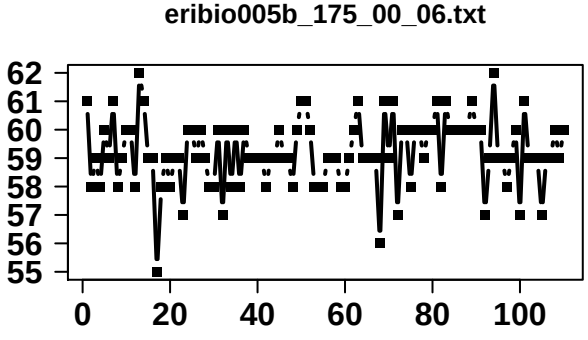

eribio005b_173_00_06.txt
62
61
60
59
58
57
56
0
20
40
60
80
100
CDOM, [CN] / Points @ x s

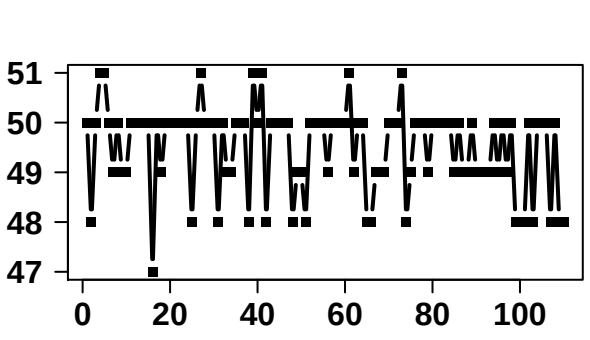

51
50
49
48
47
0
20
40
60
80
100
chl, [CN] / Points @ x s

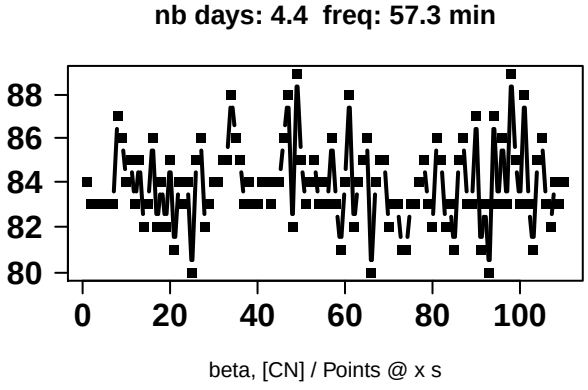

nb days: 4.2 freq: 58.3 min
92
90
88
86
84
82
80
0
20
40
60
80
100
beta, [CN] / Points @ x s

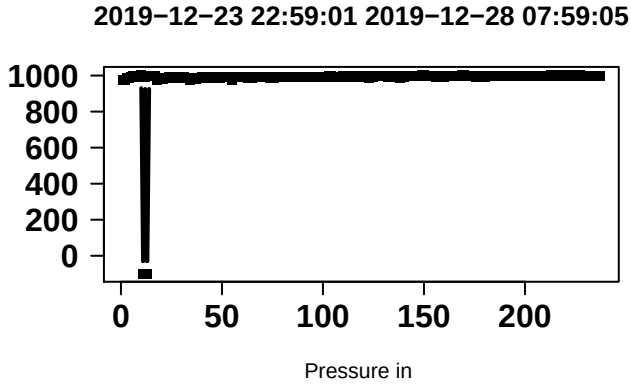

2019−12−18 21:34:50 2019−12−23 06:34:54
1000
800
600
400
200
0
0
50
100
150
200
250
Pressure in

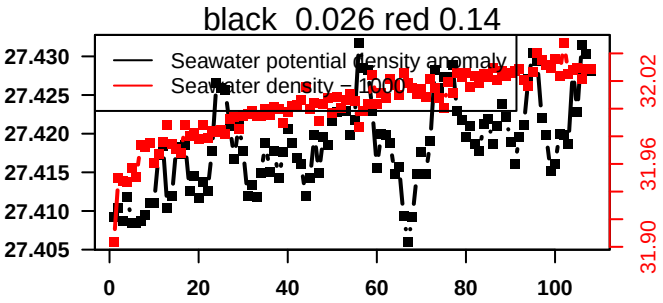

black 0.028 red 0.13
Seawater potential density anomaly
Seawater density − 1000
27.430
27.425
27.420
27.415
27.410
27.405
32.04
31.98
31.92
0
20
40
60
80
100

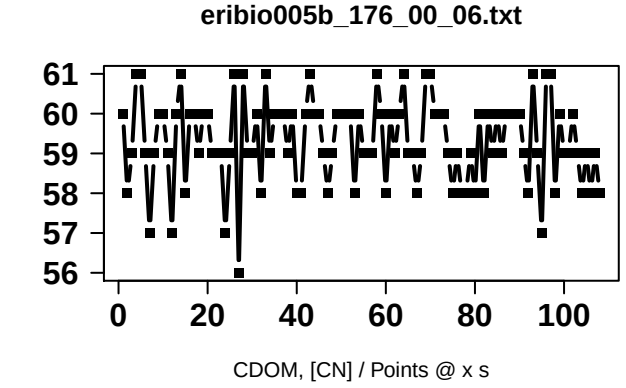

eribio005b_175_00_06.txt
62
61
60
59
58
57
56
55
0
20
40
60
80
100
CDOM, [CN] / Points @ x s

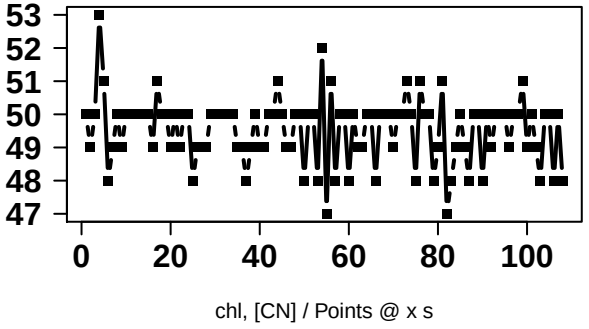

51
50
49
48
47
0
20
40
60
80
100
chl, [CN] / Points @ x s

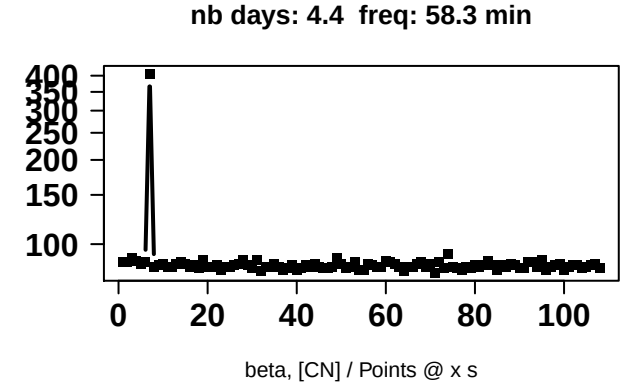

nb days: 4.4 freq: 57.3 min
88
86
84
82
80
0
20
40
60
80
100
beta, [CN] / Points @ x s

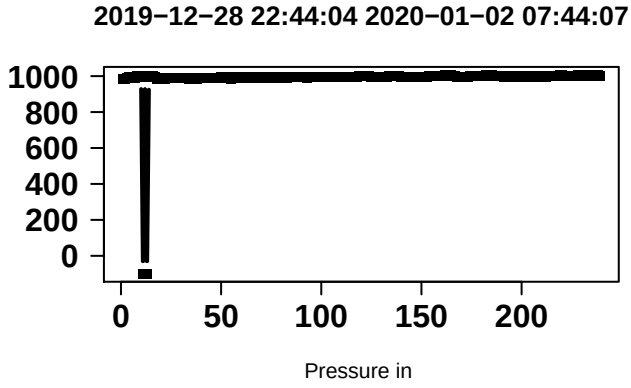

2019−12−23 22:59:01 2019−12−28 07:59:05
1000
800
600
400
200
0
0
50
100
150
200
Pressure in

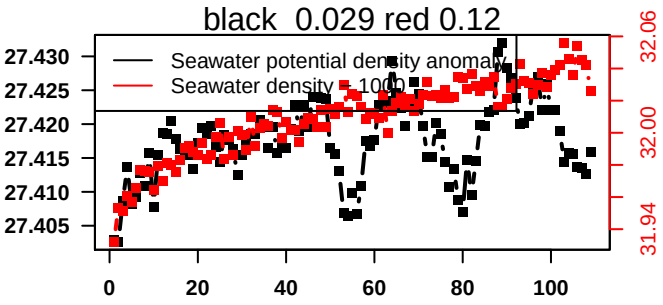

black 0.026 red 0.14
Seawater potential density anomaly
Seawater density − 1000
27.430
27.425
27.420
27.415
27.410
27.405
32.02
31.96
31.90
0
20
40
60
80
100

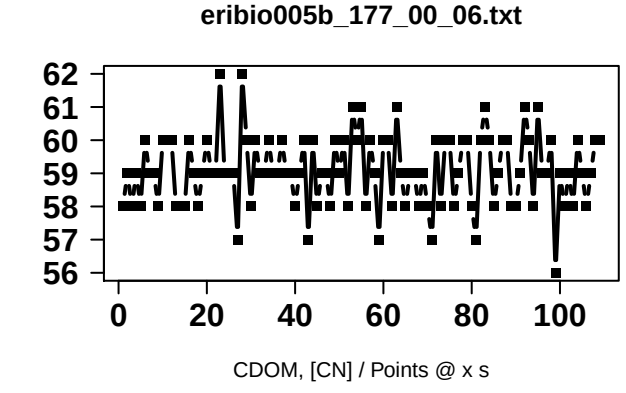

eribio005b_176_00_06.txt
61
60
59
58
57
56
0
20
40
60
80
100
CDOM, [CN] / Points @ x s

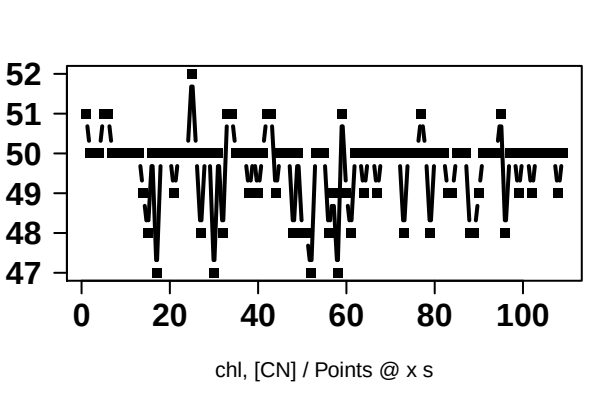

53
52
51
50
49
48
47
0
20
40
60
80
100
chl, [CN] / Points @ x s

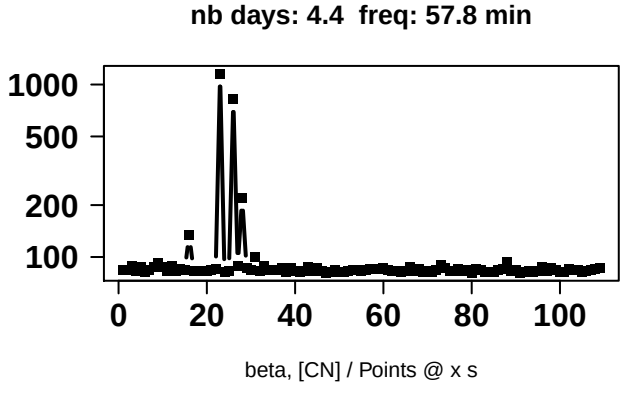

nb days: 4.4 freq: 58.3 min
400
350
300
250
200
150
100
0
20
40
60
80
100
beta, [CN] / Points @ x s

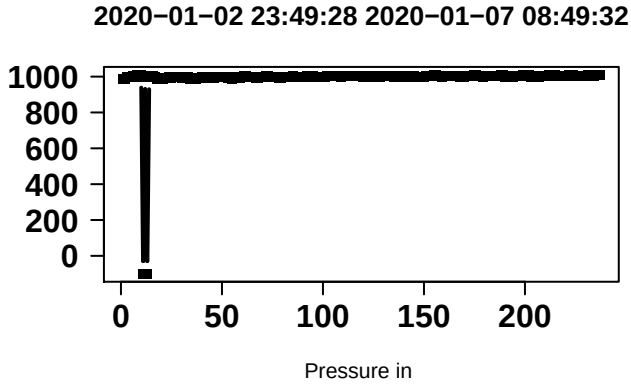

2019−12−28 22:44:04 2020−01−02 07:44:07
1000
800
600
400
200
0
0
50
100
150
200
Pressure in

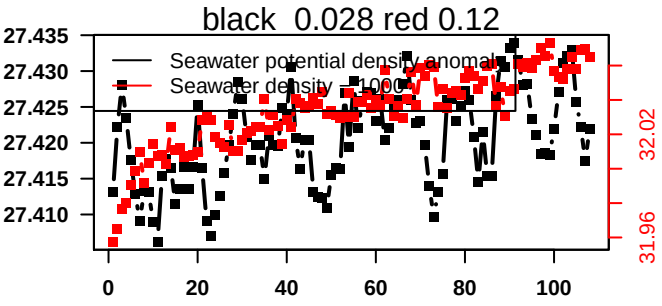

black 0.029 red 0.12
Seawater potential density anomaly
Seawater density − 1000
27.430
27.425
27.420
27.415
27.410
27.405
32.06
32.00
31.94
0
20
40
60
80
100

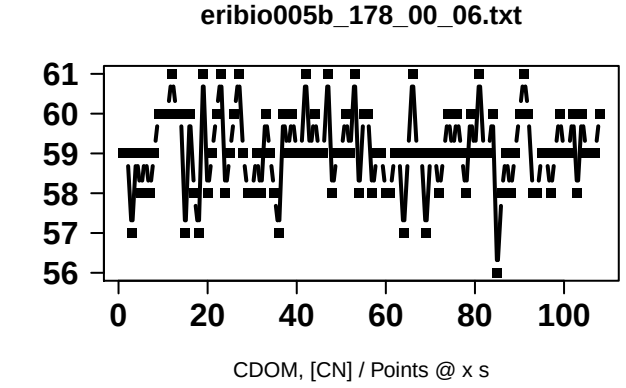

eribio005b_177_00_06.txt
62
61
60
59
58
57
56
0
20
40
60
80
100
CDOM, [CN] / Points @ x s

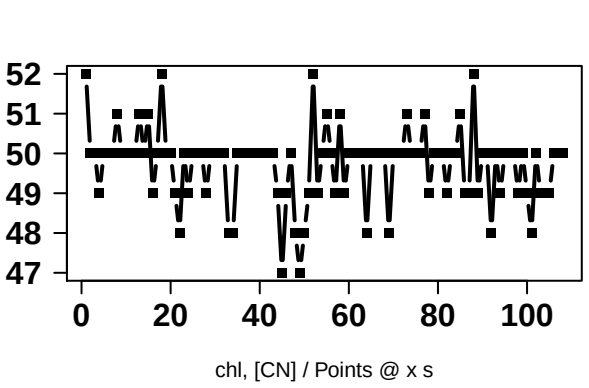

52
51
50
49
48
47
0
20
40
60
80
100
chl, [CN] / Points @ x s

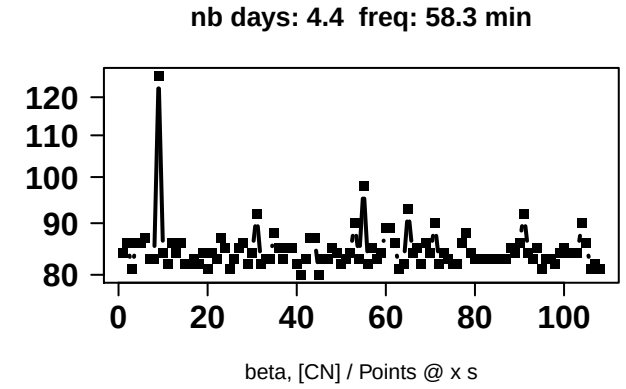

nb days: 4.4 freq: 57.8 min
1000
500
200
100
0
20
40
60
80
100
beta, [CN] / Points @ x s

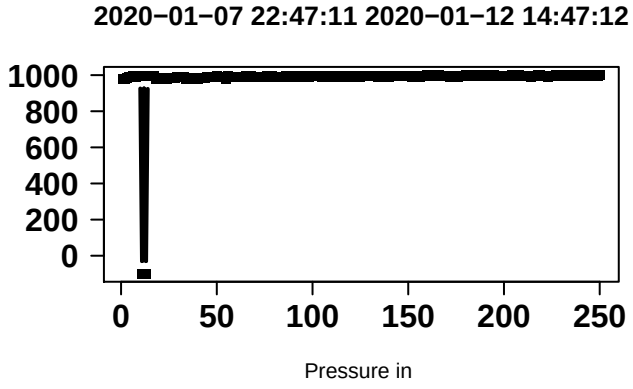

2020−01−02 23:49:28 2020−01−07 08:49:32
1000
800
600
400
200
0
0
50
100
150
200
Pressure in

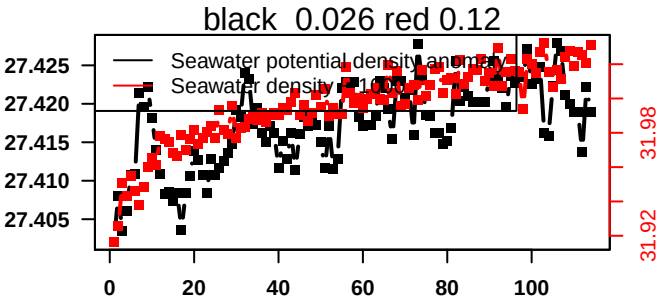

black 0.028 red 0.12
Seawater potential density anomaly
Seawater density − 1000
27.435
27.430
27.425
27.420
27.415
27.410
32.02
31.96
0
20
40
60
80
100

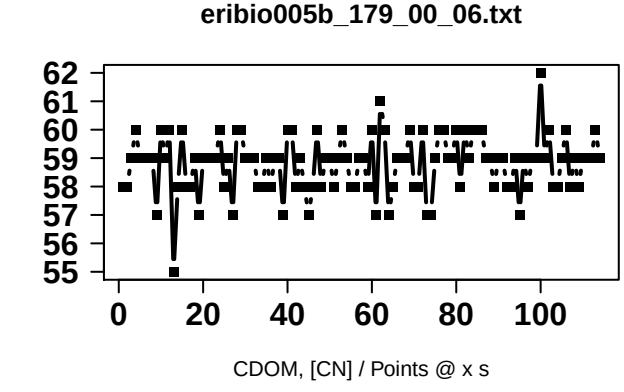

eribio005b_178_00_06.txt
61
60
59
58
57
56
0
20
40
60
80
100
CDOM, [CN] / Points @ x s

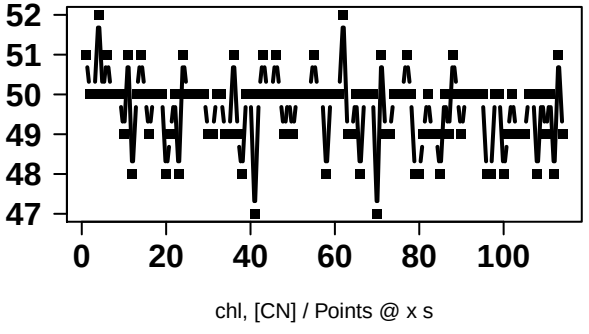

52
51
50
49
48
47
0
20
40
60
80
100
chl, [CN] / Points @ x s

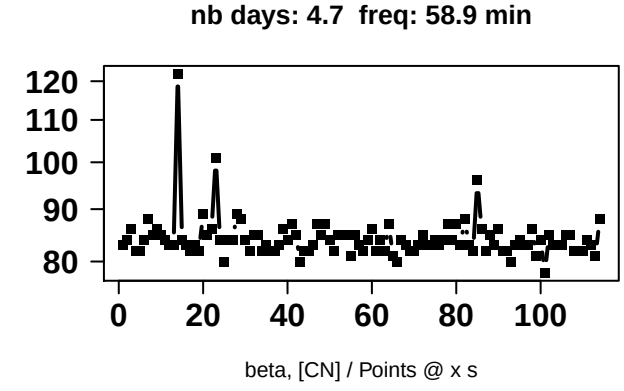

nb days: 4.4 freq: 58.3 min
120
110
100
90
80
0
20
40
60
80
100
beta, [CN] / Points @ x s

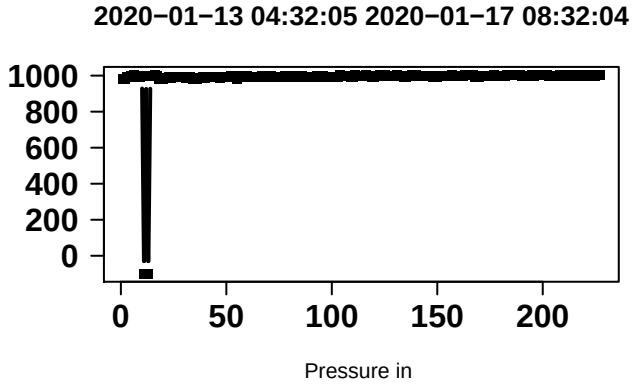

2020−01−07 22:47:11 2020−01−12 14:47:12
1000
800
600
400
200
0
0
50
100
150
200
250
Pressure in

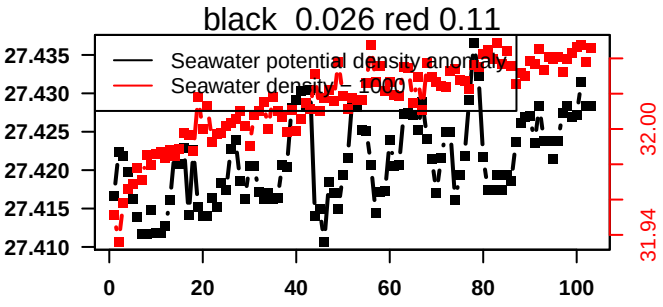

black 0.026 red 0.12
Seawater potential density anomaly
Seawater density − 1000
27.425
27.420
27.415
27.410
27.405
31.98
31.92
0
20
40
60
80
100

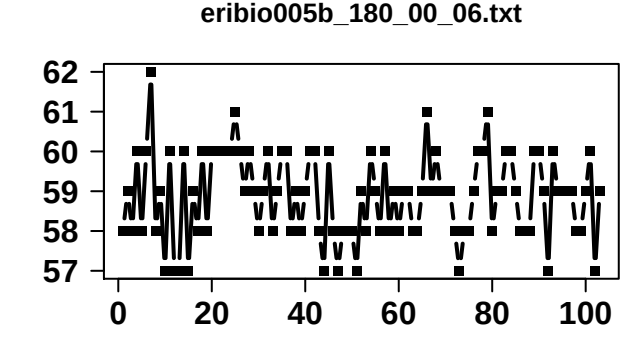

eribio005b_179_00_06.txt
62
61
60
59
58
57
56
55
0
20
40
60
80
100
CDOM, [CN] / Points @ x s

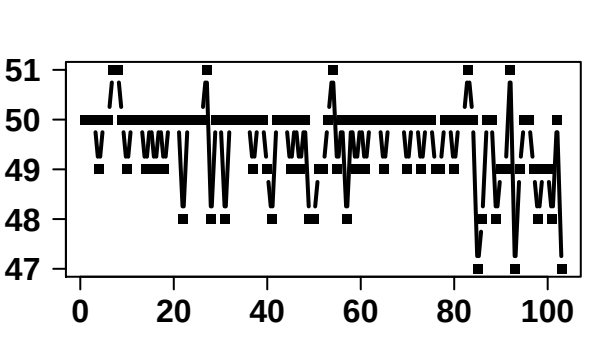

52
51
50
49
48
47
0
20
40
60
80
100
chl, [CN] / Points @ x s

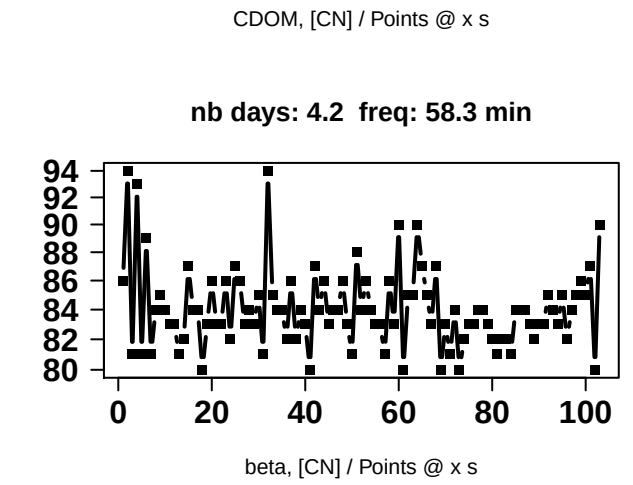

nb days: 4.7 freq: 58.9 min
120
110
100
90
80
0
20
40
60
80
100
beta, [CN] / Points @ x s

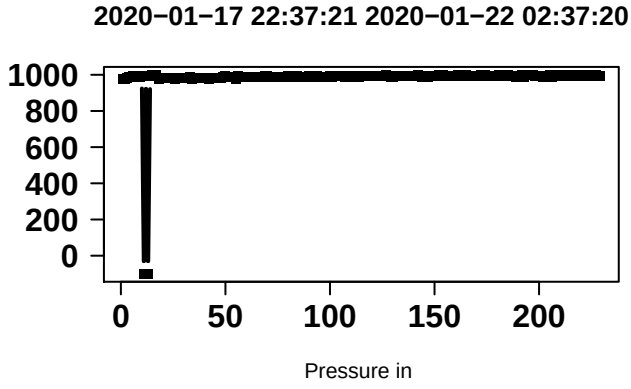

2020−01−13 04:32:05 2020−01−17 08:32:04
1000
800
600
400
200
0
0
50
100
150
200
Pressure in

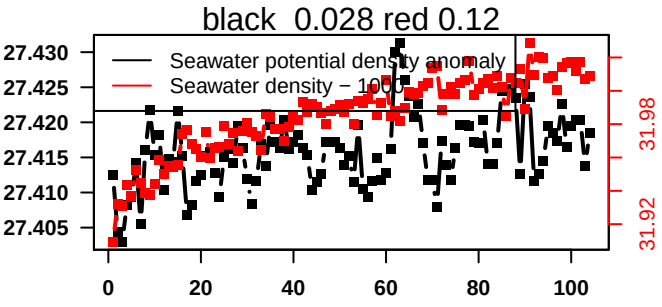

black 0.026 red 0.11
Seawater potential density anomaly
Seawater density − 1000
27.435
27.430
27.425
27.420
27.415
27.410
32.00
31.94
0
20
40
60
80
100

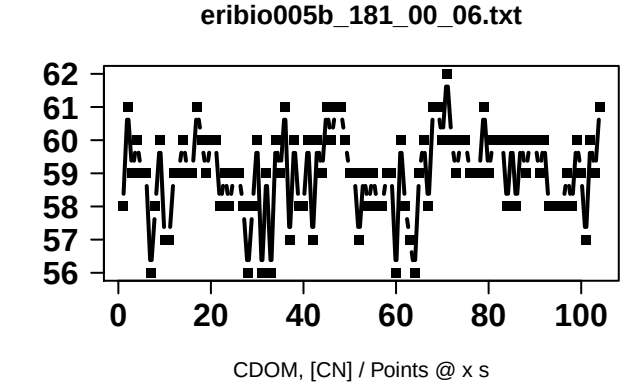

eribio005b_180_00_06.txt
62
61
60
59
58
57
0
20
40
60
80
100
CDOM, [CN] / Points @ x s

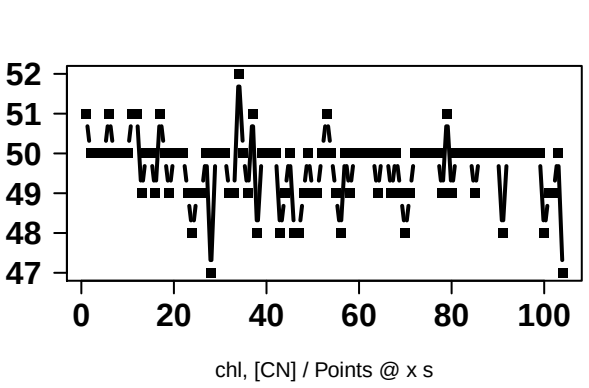

51
50
49
48
47
0
20
40
60
80
100
chl, [CN] / Points @ x s

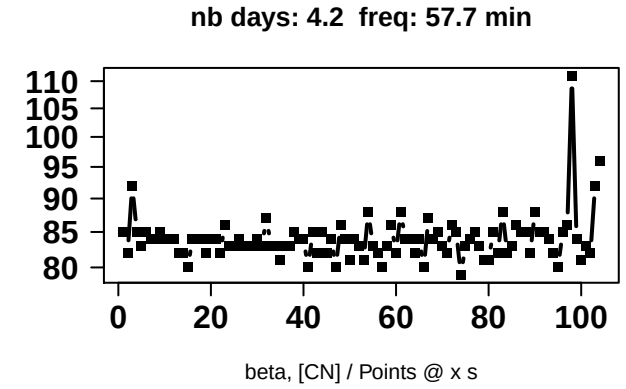

nb days: 4.2 freq: 58.3 min
94
92
90
88
86
84
82
80
0
20
40
60
80
100
beta, [CN] / Points @ x s

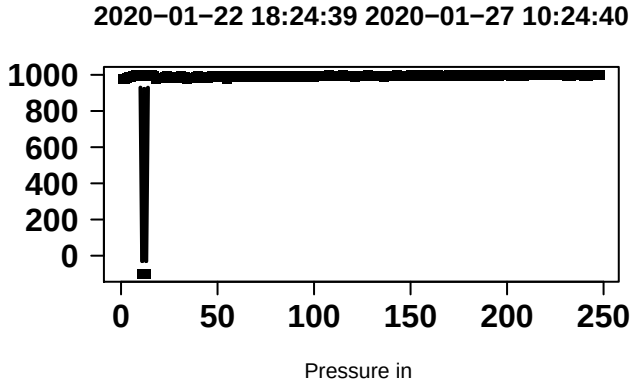

2020−01−17 22:37:21 2020−01−22 02:37:20
1000
800
600
400
200
0
0
50
100
150
200
Pressure in

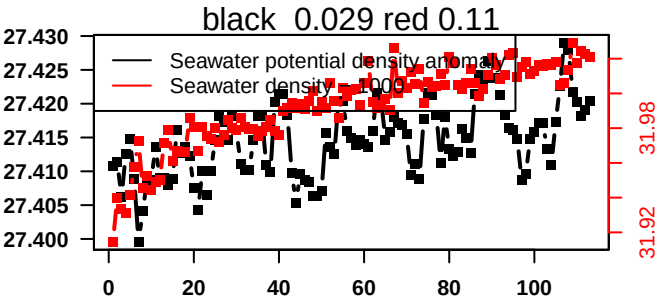

black 0.028 red 0.12
Seawater potential density anomaly
Seawater density − 1000
27.430
27.425
27.420
27.415
27.410
27.405
31.98
31.92
0
20
40
60
80
100

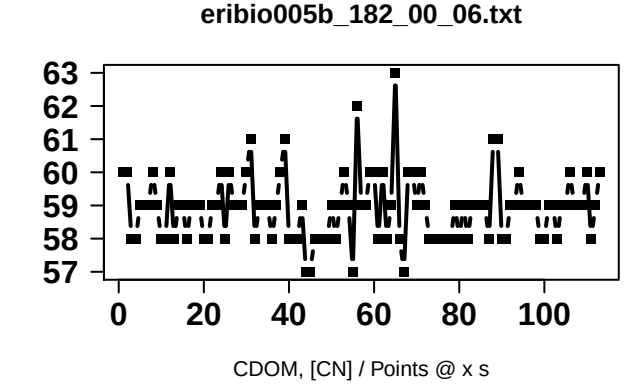

eribio005b_181_00_06.txt
62
61
60
59
58
57
56
0
20
40
60
80
100
CDOM, [CN] / Points @ x s

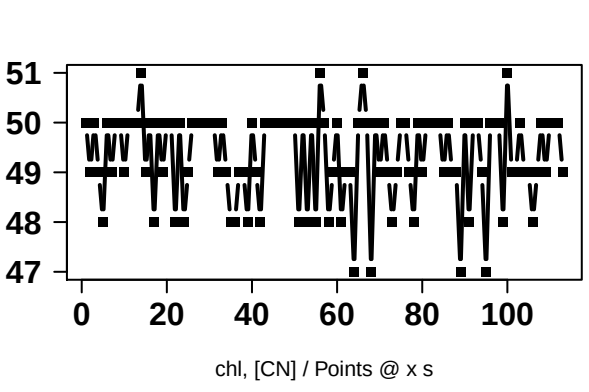

52
51
50
49
48
47
0
20
40
60
80
100
chl, [CN] / Points @ x s

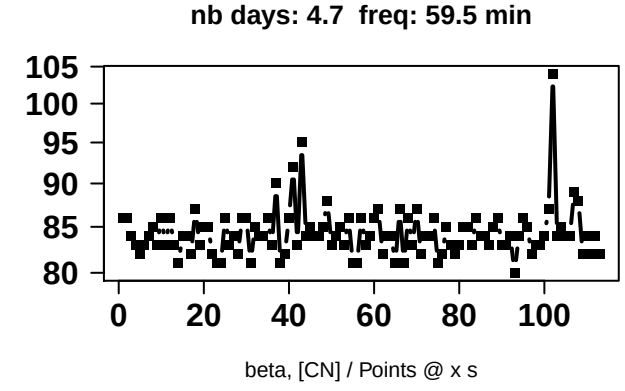

nb days: 4.2 freq: 57.7 min
110
105
100
95
90
85
80
0
20
40
60
80
100
beta, [CN] / Points @ x s

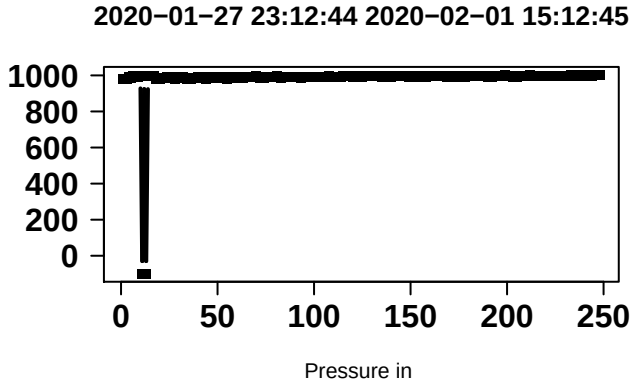

2020−01−22 18:24:39 2020−01−27 10:24:40
1000
800
600
400
200
0
0
50
100
150
200
250
Pressure in

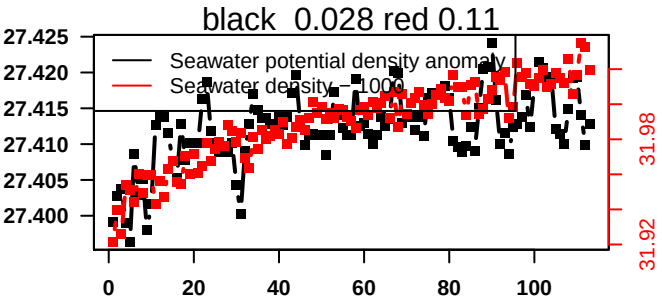

black 0.029 red 0.11
Seawater potential density anomaly
Seawater density − 1000
27.430
27.425
27.420
27.415
27.410
27.405
27.400
31.98
31.92
0
20
40
60
80
100

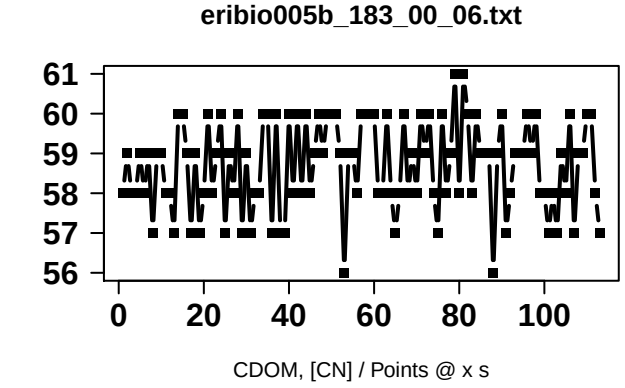

eribio005b_182_00_06.txt
63
62
61
60
59
58
57
0
20
40
60
80
100
CDOM, [CN] / Points @ x s

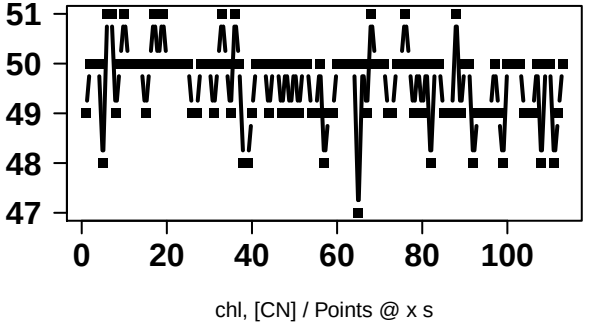

51
50
49
48
47
0
20
40
60
80
100
chl, [CN] / Points @ x s

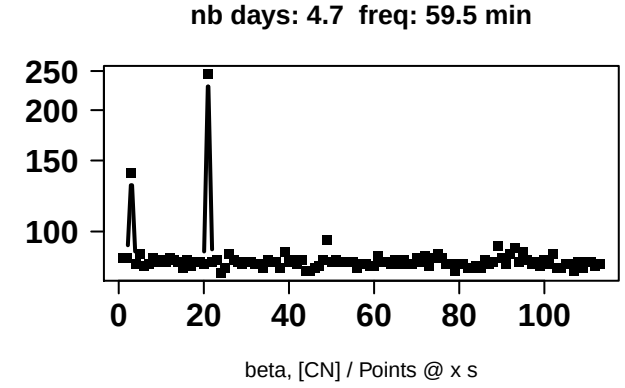

nb days: 4.7 freq: 59.5 min
105
100
95
90
85
80
0
20
40
60
80
100
beta, [CN] / Points @ x s

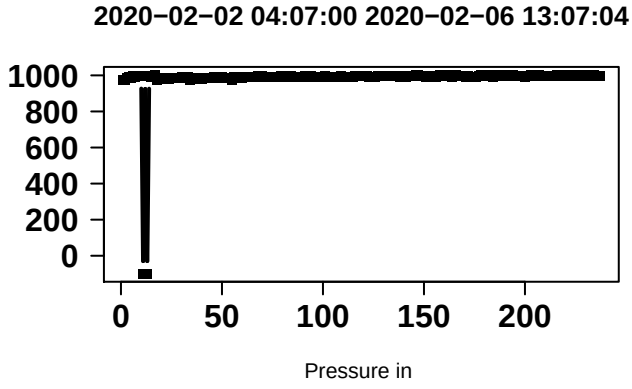

2020−01−27 23:12:44 2020−02−01 15:12:45
1000
800
600
400
200
0
0
50
100
150
200
250
Pressure in

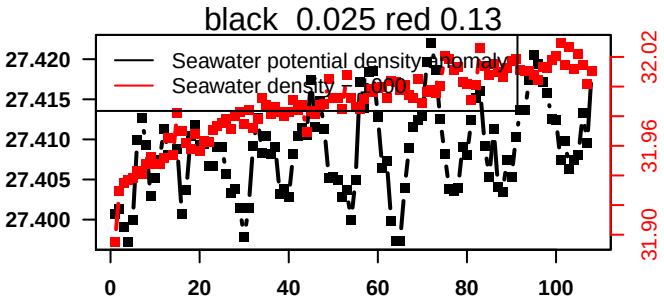

black 0.028 red 0.11
Seawater potential density anomaly
Seawater density − 1000
27.425
27.420
27.415
27.410
27.405
27.400
31.98
31.92
0
20
40
60
80
100

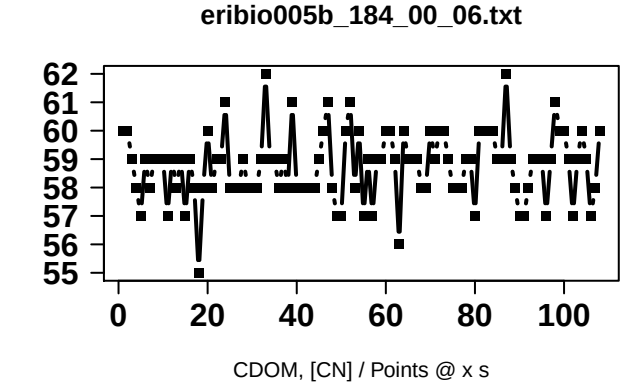

eribio005b_183_00_06.txt
61
60
59
58
57
56
0
20
40
60
80
100
CDOM, [CN] / Points @ x s

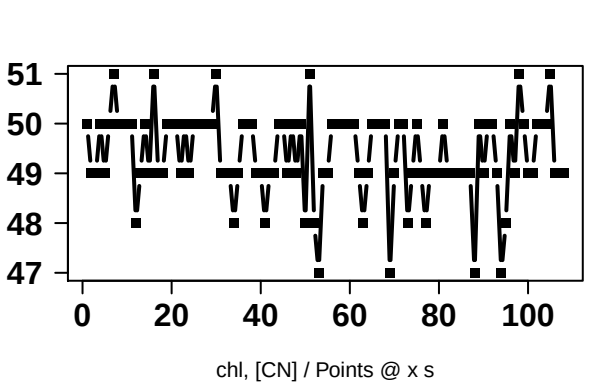

51
50
49
48
47
0
20
40
60
80
100
chl, [CN] / Points @ x s

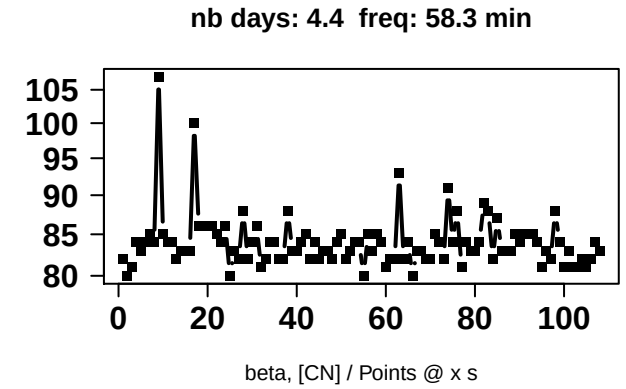

nb days: 4.7 freq: 59.5 min
250
200
150
100
0
20
40
60
80
100
beta, [CN] / Points @ x s

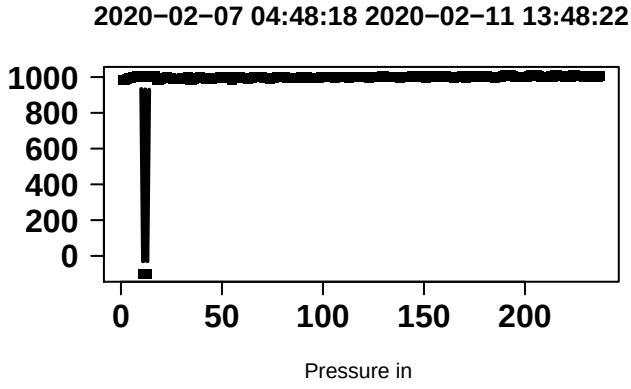

2020−02−02 04:07:00 2020−02−06 13:07:04
1000
800
600
400
200
0
0
50
100
150
200
Pressure in

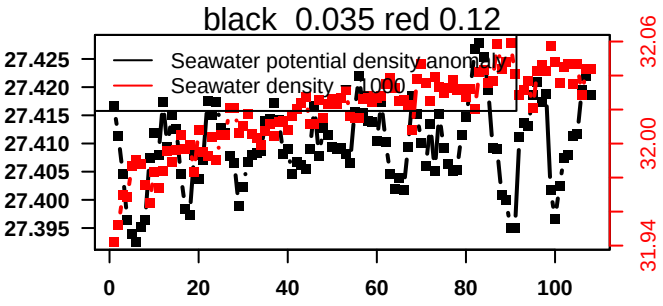

black 0.025 red 0.13
Seawater potential density anomaly
Seawater density − 1000
27.420
27.415
27.410
27.405
27.400
32.02
31.96
31.90
0
20
40
60
80
100

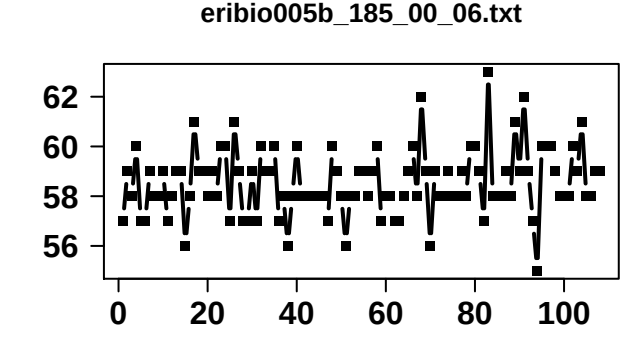

eribio005b_184_00_06.txt
62
61
60
59
58
57
56
55
0
20
40
60
80
100
CDOM, [CN] / Points @ x s

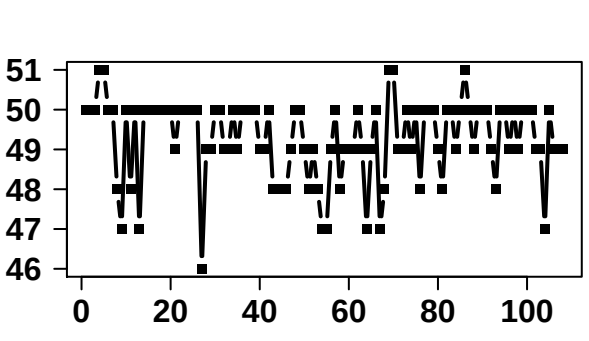

51
50
49
48
47
0
20
40
60
80
100
chl, [CN] / Points @ x s

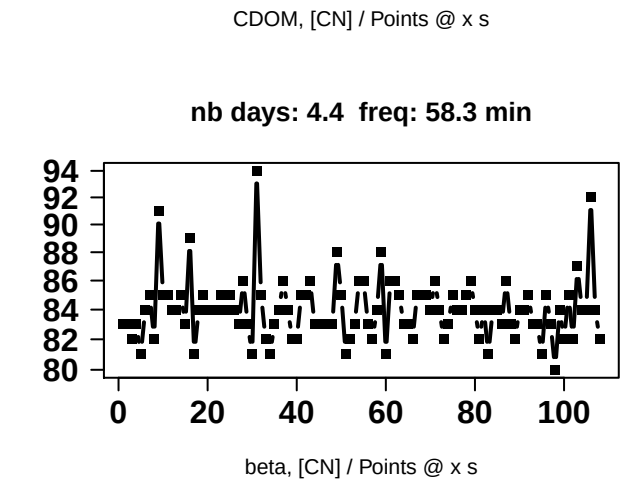

nb days: 4.4 freq: 58.3 min
105
100
95
90
85
80
0
20
40
60
80
100
beta, [CN] / Points @ x s

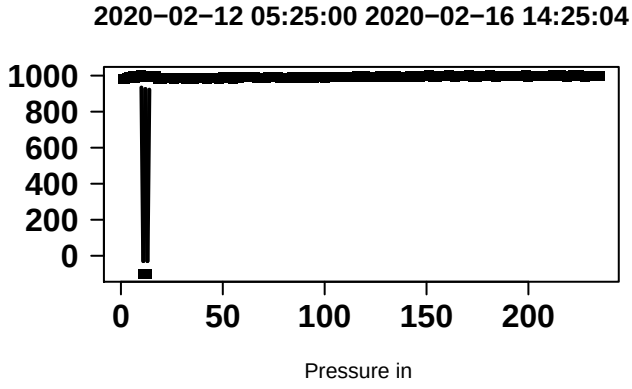

2020−02−07 04:48:18 2020−02−11 13:48:22
1000
800
600
400
200
0
0
50
100
150
200
Pressure in

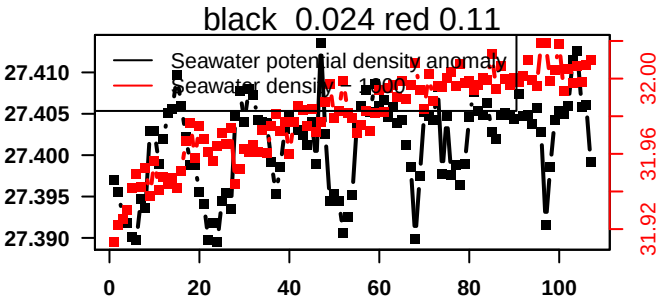

black 0.035 red 0.12
Seawater potential density anomaly
Seawater density − 1000
27.425
27.420
27.415
27.410
27.405
27.400
27.395
32.06
32.00
31.94
0
20
40
60
80
100

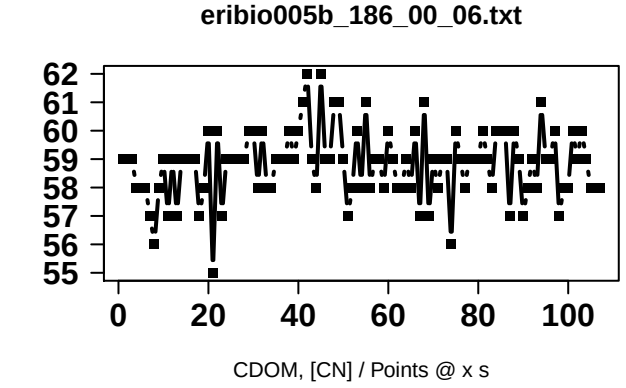

eribio005b_185_00_06.txt
62
60
58
56
0
20
40
60
80
100
CDOM, [CN] / Points @ x s

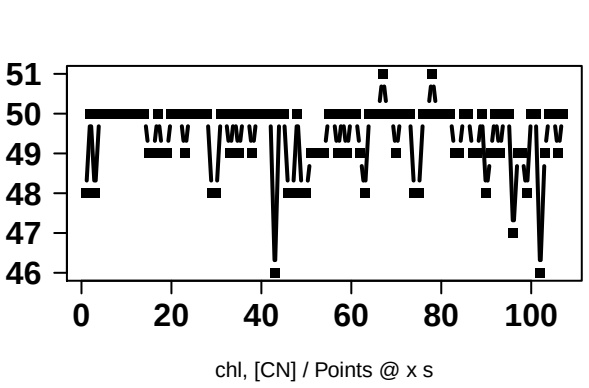

51
50
49
48
47
46
0
20
40
60
80
100
chl, [CN] / Points @ x s

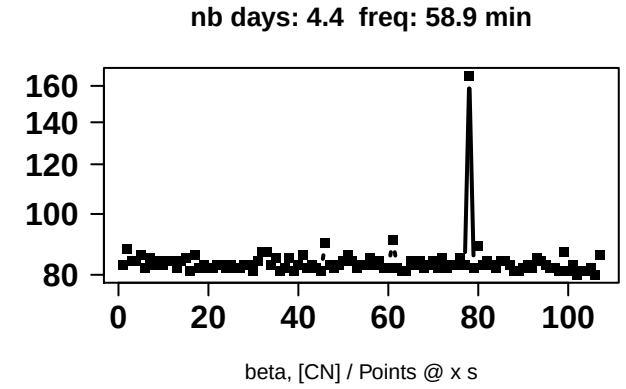

nb days: 4.4 freq: 58.3 min
94
92
90
88
86
84
82
80
0
20
40
60
80
100
beta, [CN] / Points @ x s

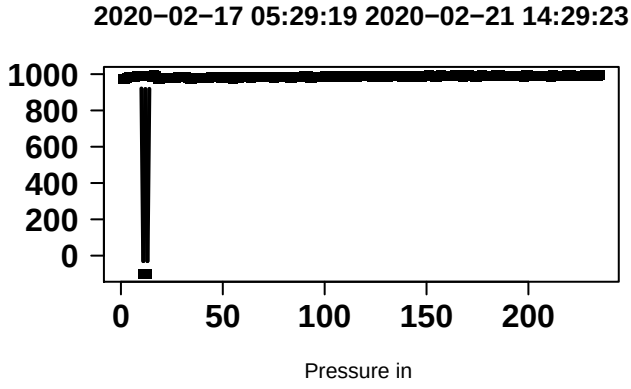

2020−02−12 05:25:00 2020−02−16 14:25:04
1000
800
600
400
200
0
0
50
100
150
200
Pressure in

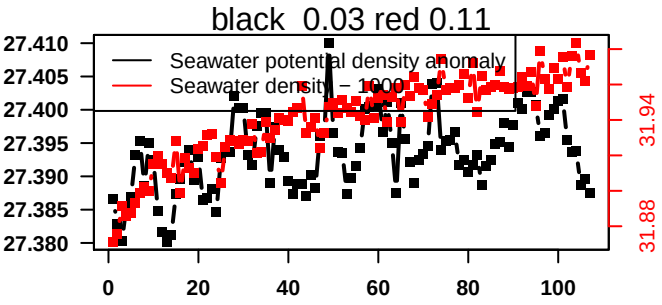

black 0.024 red 0.11
Seawater potential density anomaly
Seawater density − 1000
27.410
27.405
27.400
27.395
27.390
0
20
40
60
80
100
32.00
31.96
31.92

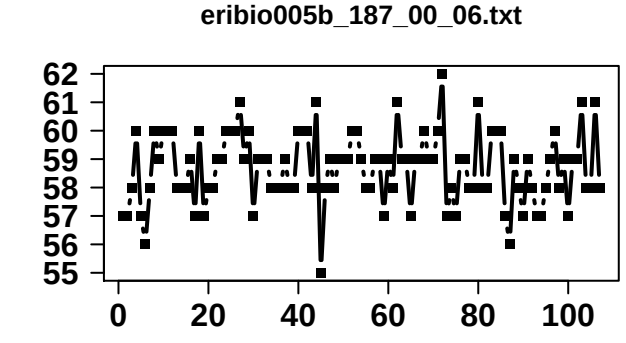

eribio005b_186_00_06.txt
62
61
60
59
58
57
56
55
0
20
40
60
80
100
CDOM, [CN] / Points @ x s

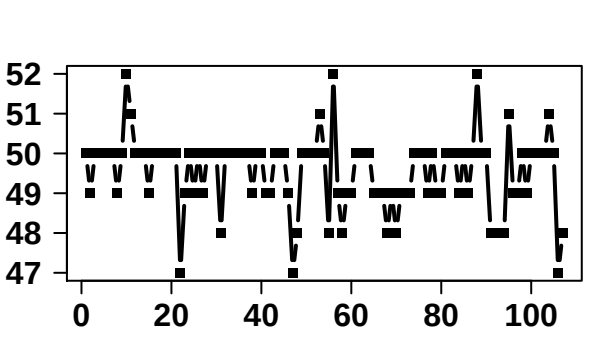

51
50
49
48
47
46
0
20
40
60
80
100
chl, [CN] / Points @ x s

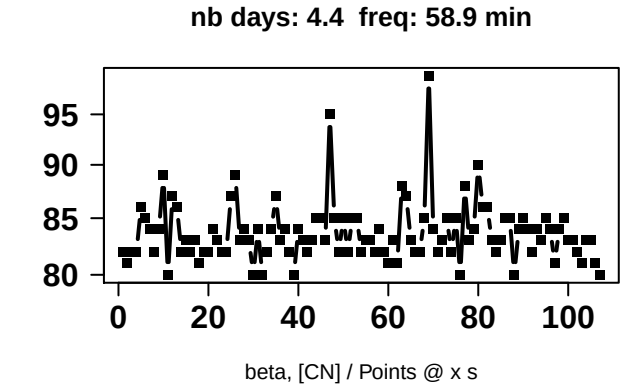

nb days: 4.4 freq: 58.9 min
160
140
120
100
80
0
20
40
60
80
100
beta, [CN] / Points @ x s

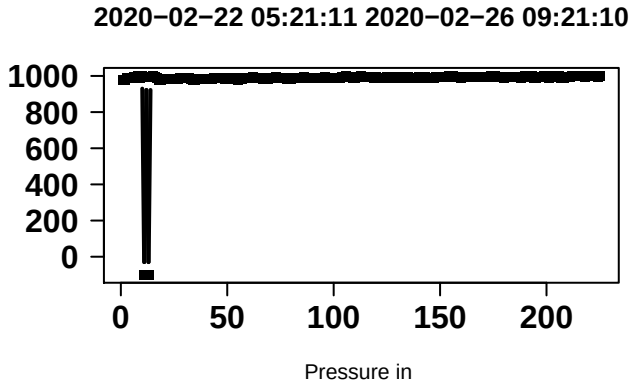

2020−02−17 05:29:19 2020−02−21 14:29:23
1000
800
600
400
200
0
0
50
100
150
200
Pressure in

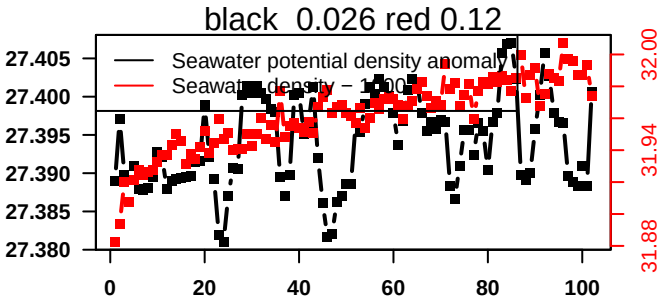

black 0.03 red 0.11
Seawater potential density anomaly
Seawater density − 1000
27.410
27.405
27.400
27.395
27.390
27.385
27.380
31.94
31.88
0
20
40
60
80
100

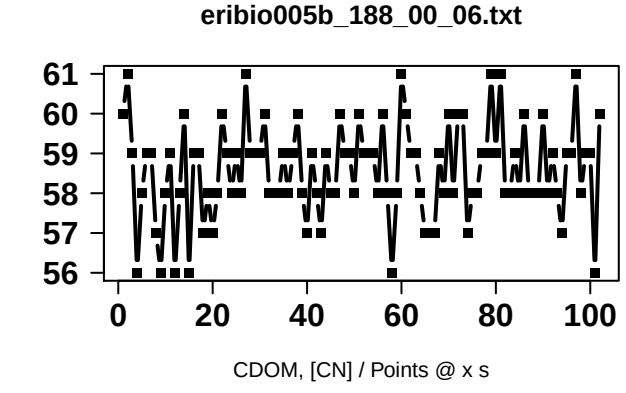

eribio005b_187_00_06.txt
62
61
60
59
58
57
56
55
0
20
40
60
80
100
CDOM, [CN] / Points @ x s

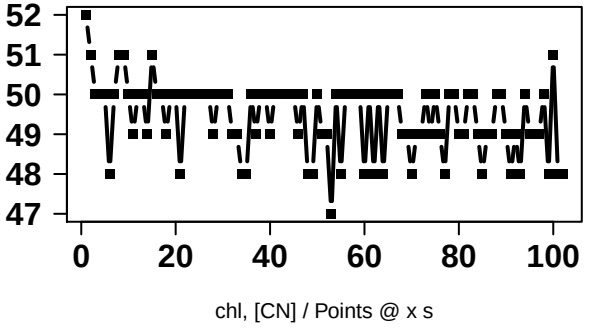

52
51
50
49
48
47
0
20
40
60
80
100
chl, [CN] / Points @ x s

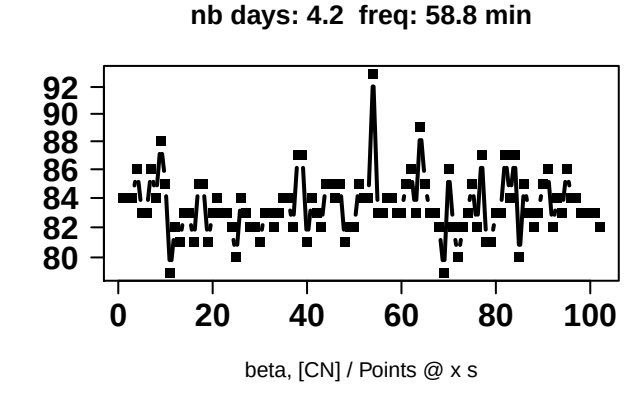

nb days: 4.4 freq: 58.9 min
95
90
85
80
0
20
40
60
80
100
beta, [CN] / Points @ x s

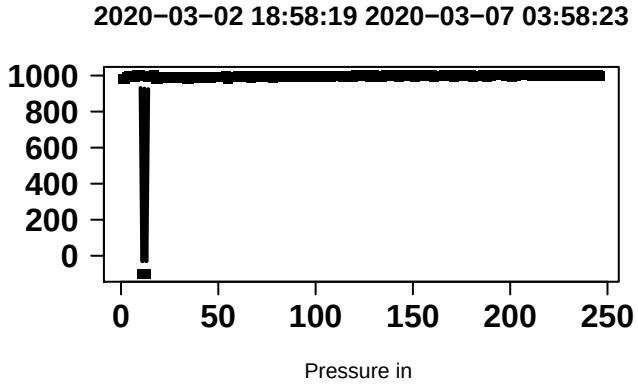

2020−02−22 05:21:11 2020−02−26 09:21:10
1000
800
600
400
200
0
0
50
100
150
200
Pressure in

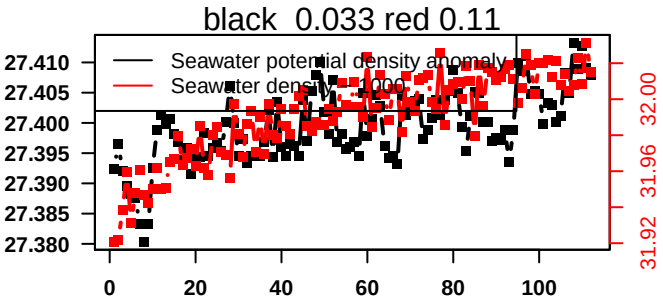

black 0.026 red 0.12
Seawater potential density anomaly
27.405
27.400
27.395
27.390
27.385
27.380
0
20
40
60
80
100
32.00
31.94
31.88

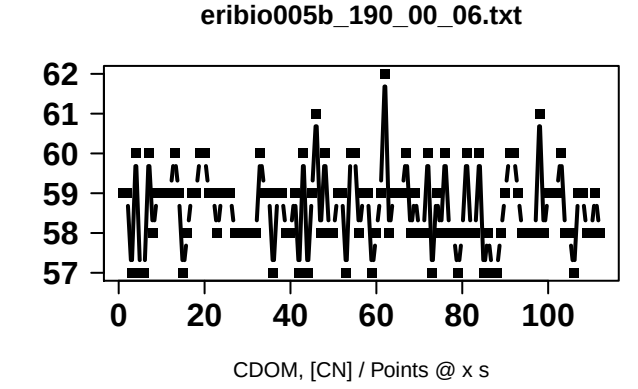

eribio005b_188_00_06.txt
61
60
59
58
57
56
0
20
40
60
80
100
CDOM, [CN] / Points @ x s

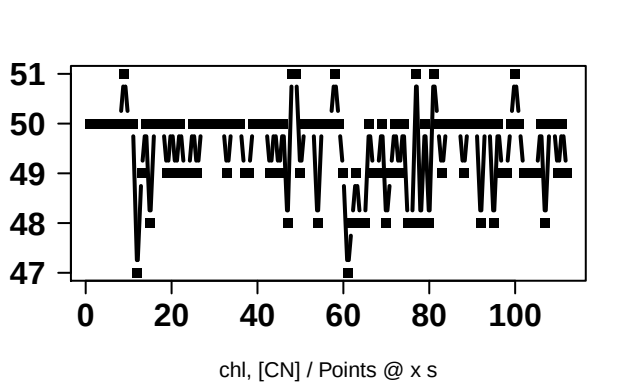

52
51
50
49
48
47
0
20
40
60
80
100
chl, [CN] / Points @ x s

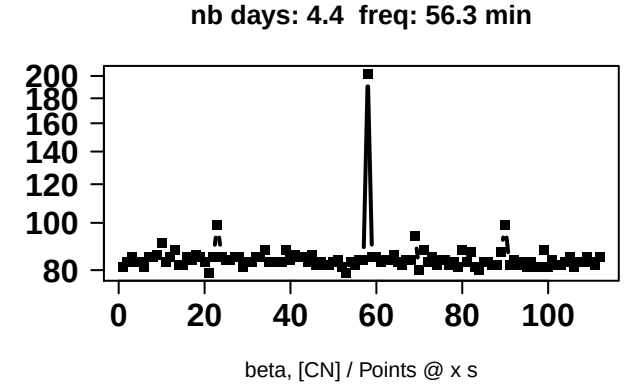

nb days: 4.2 freq: 58.8 min
92
90
88
86
84
82
80
0
20
40
60
80
100
beta, [CN] / Points @ x s

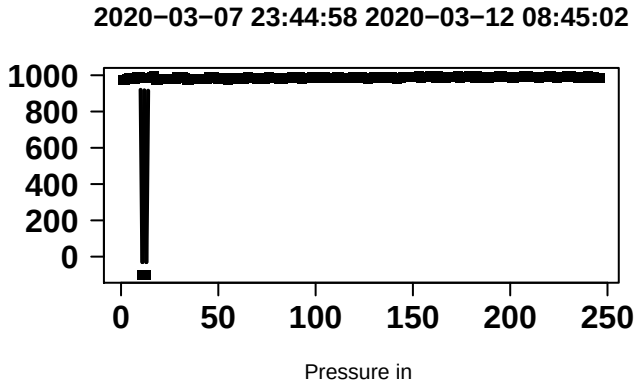

2020−03−02 18:58:19 2020−03−07 03:58:23
1000
800
600
400
200
0
0
50
100
150
200
250
Pressure in

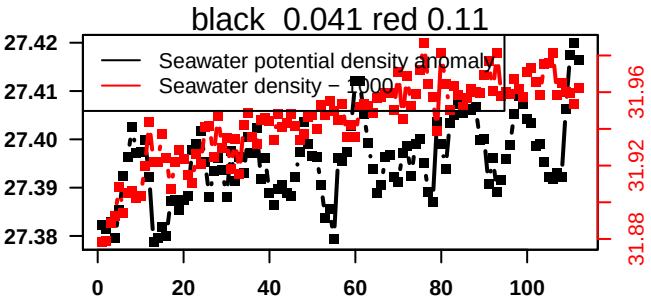

black 0.033 red 0.11
Seawater potential density anomaly
Seawater density
27.410
27.405
27.400
27.395
27.390
27.385
27.380
0
20
40
60
80
100
31.92
31.96
32.00

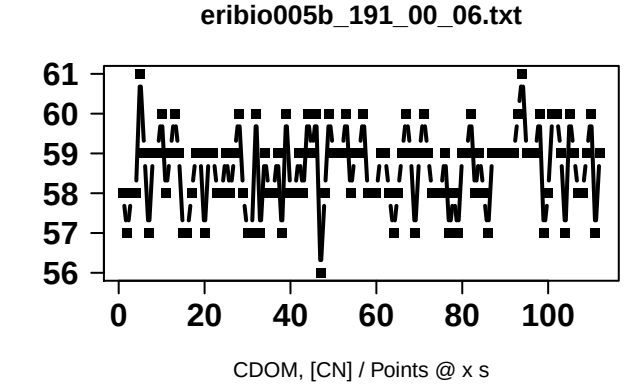

eribio005b_190_00_06.txt
62
61
60
59
58
57
0
20
40
60
80
100
CDOM, [CN] / Points @ x s

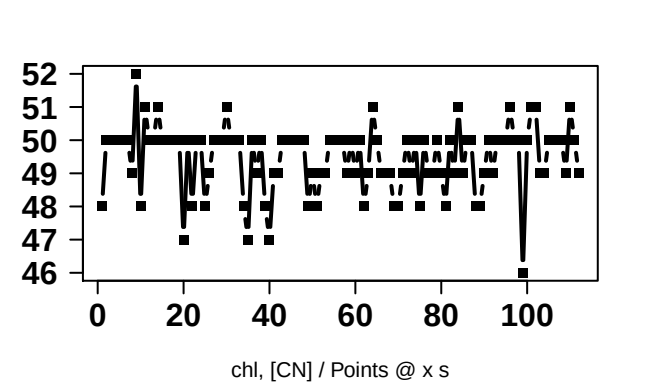

51
50
49
48
47
0
20
40
60
80
100
chl, [CN] / Points @ x s

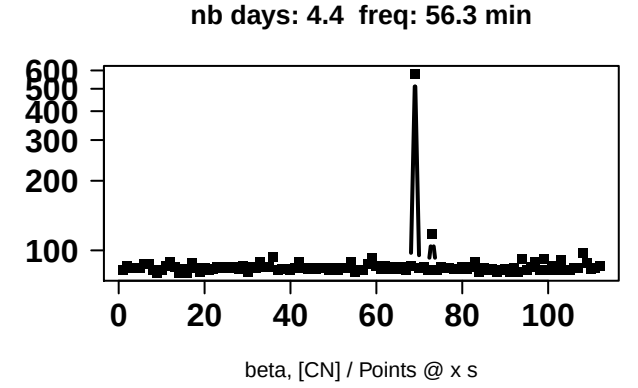

nb days: 4.4 freq: 56.3 min
200
180
160
140
120
100
80
0
20
40
60
80
100
beta, [CN] / Points @ x s

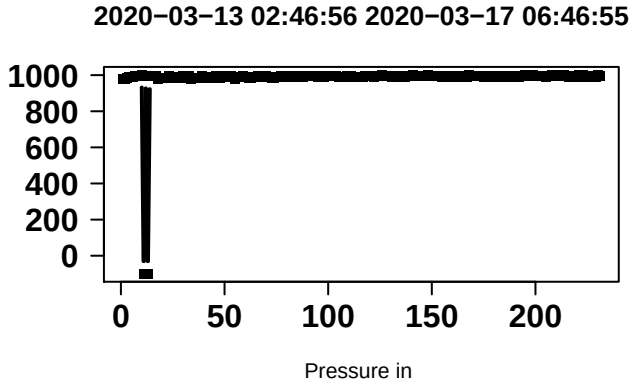

2020−03−07 23:44:58 2020−03−12 08:45:02
1000
800
600
400
200
0
0
50
100
150
200
250
Pressure in

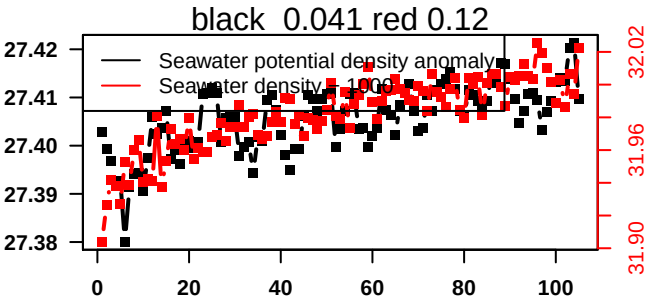

black 0.041 red 0.11
Seawater potential density anomaly
Seawater density − 1000
27.42
27.41
27.40
27.39
27.38
31.96
31.92
31.88
0
20
40
60
80
100

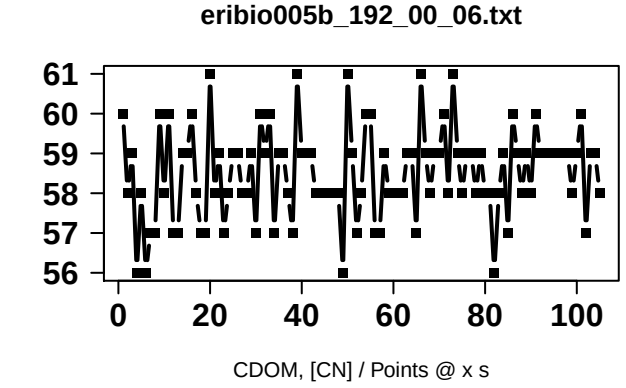

eribio005b_191_00_06.txt
61
60
59
58
57
56
0
20
40
60
80
100
CDOM, [CN] / Points @ x s

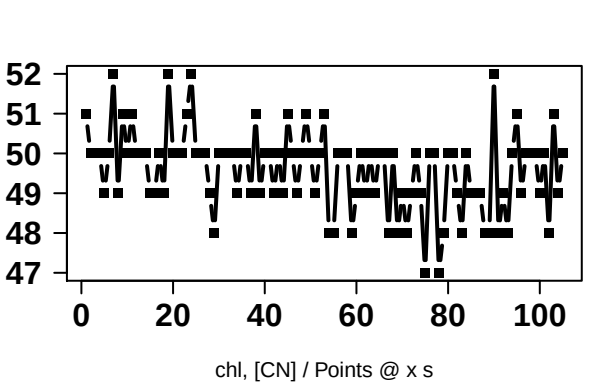

52
51
50
49
48
47
46
0
20
40
60
80
100
chl, [CN] / Points @ x s

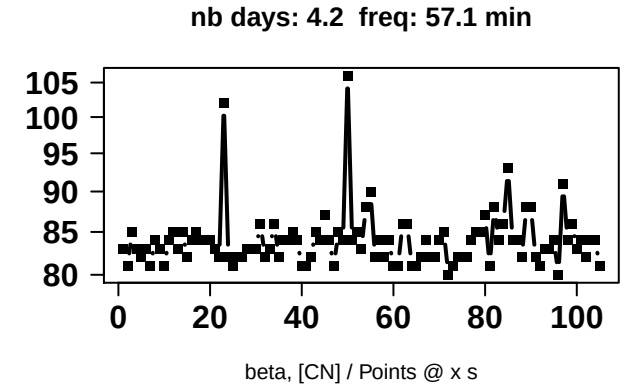

nb days: 4.4 freq: 56.3 min
600
500
400
300
200
100
0
20
40
60
80
100
beta, [CN] / Points @ x s

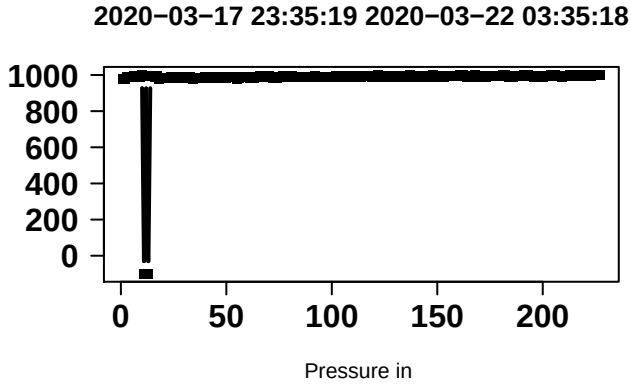

2020−03−13 02:46:56 2020−03−17 06:46:55
1000
800
600
400
200
0
0
50
100
150
200
Pressure in

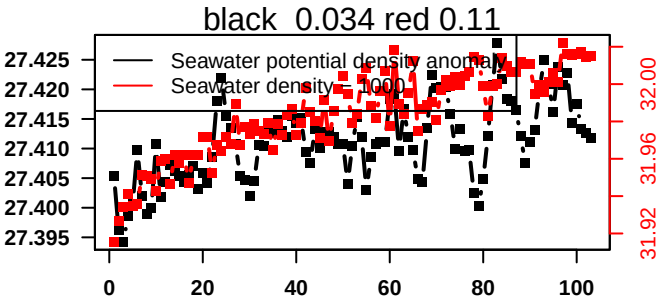

black 0.041 red 0.12
Seawater potential density anomaly
Seawater density − 1000
27.42
27.41
27.40
27.39
27.38
32.02
31.96
31.90
0
20
40
60
80
100

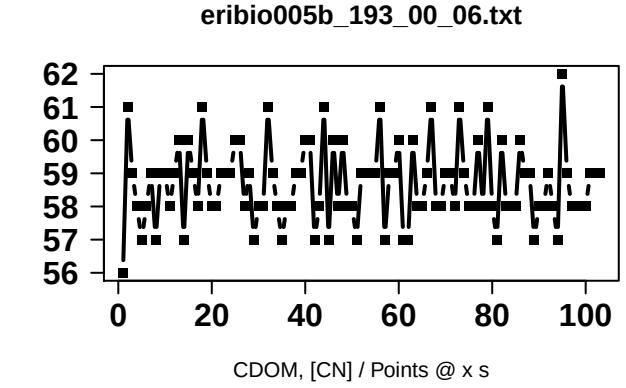

eribio005b_192_00_06.txt
61
60
59
58
57
56
0
20
40
60
80
100
CDOM, [CN] / Points @ x s

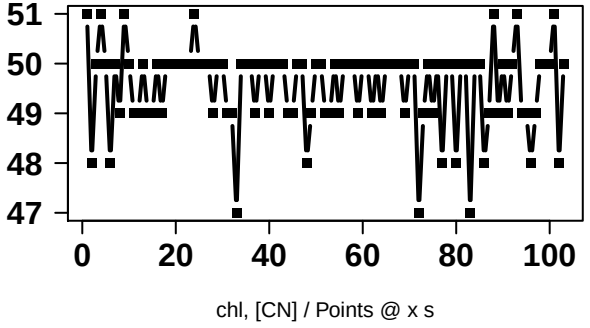

52
51
50
49
48
47
0
20
40
60
80
100
chl, [CN] / Points @ x s

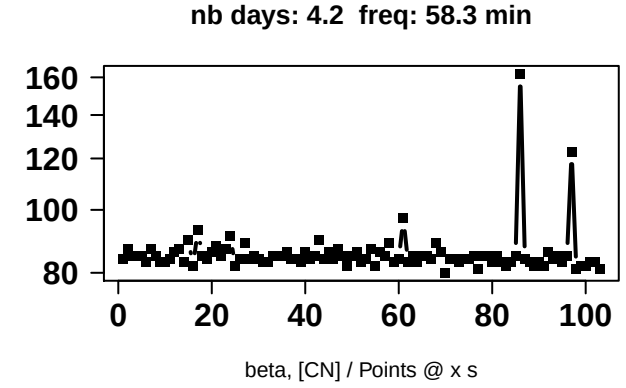

nb days: 4.2 freq: 57.1 min
105
100
95
90
85
80
0
20
40
60
80
100
beta, [CN] / Points @ x s

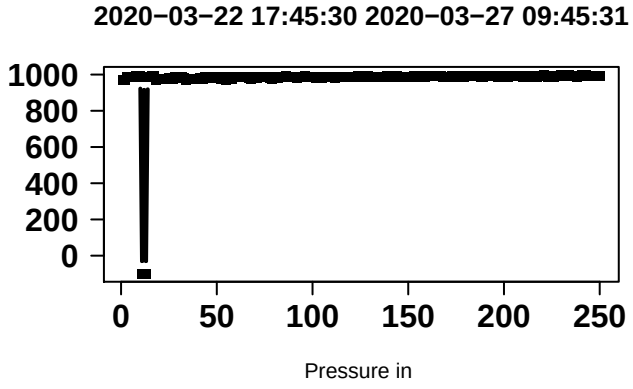

2020−03−17 23:35:19 2020−03−22 03:35:18
1000
800
600
400
200
0
0
50
100
150
200
Pressure in

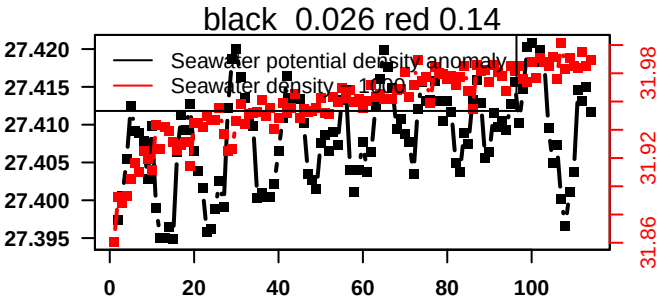

black 0.034 red 0.11
Seawater potential density anomaly
Seawater density − 1000
27.425
27.420
27.415
27.410
27.405
27.400
27.395
32.00
31.96
31.92
0
20
40
60
80
100

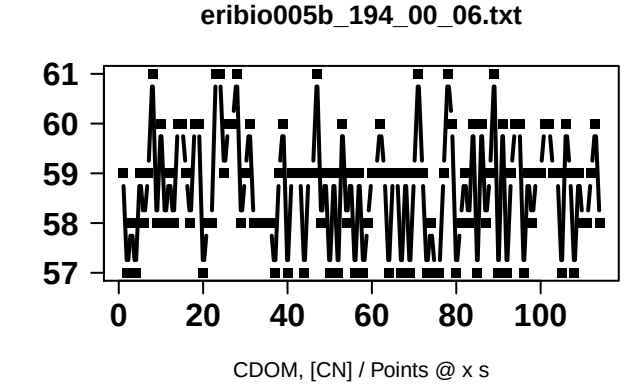

eribio005b_193_00_06.txt
62
61
60
59
58
57
56
0
20
40
60
80
100
CDOM, [CN] / Points @ x s

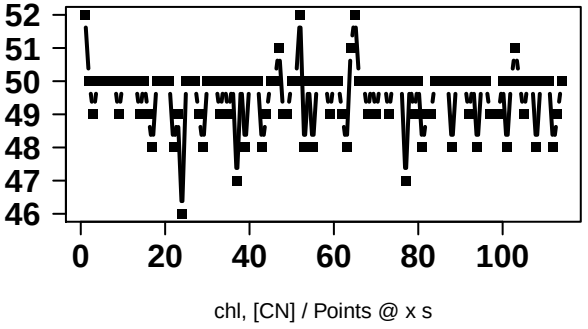

51
50
49
48
47
0
20
40
60
80
100
chl, [CN] / Points @ x s

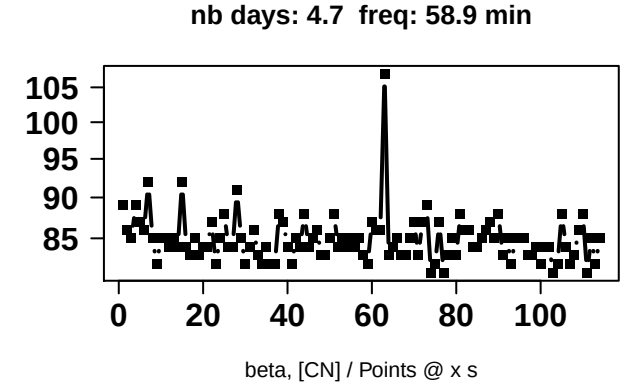

nb days: 4.2 freq: 58.3 min
160
140
120
100
80
0
20
40
60
80
100
beta, [CN] / Points @ x s

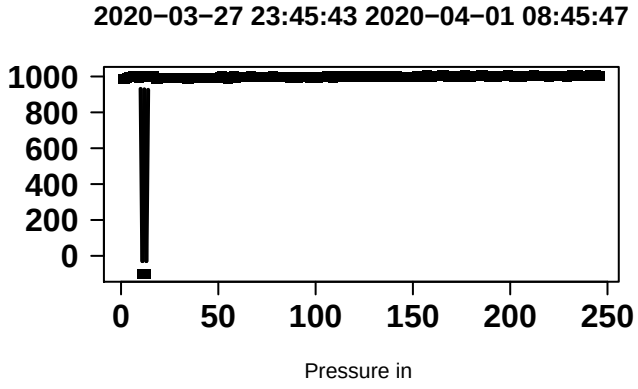

2020−03−22 17:45:30 2020−03−27 09:45:31
1000
800
600
400
200
0
0
50
100
150
200
250
Pressure in

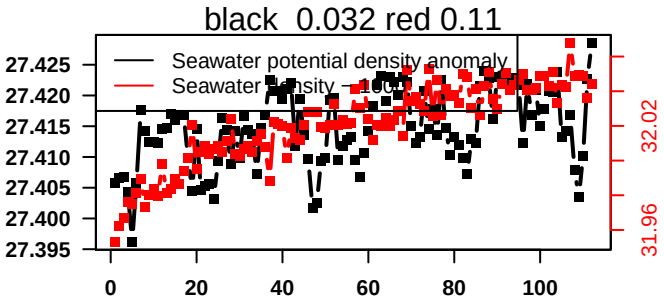

black 0.026 red 0.14
Seawater potential density anomaly
Seawater density − 1000
27.420
27.415
27.410
27.405
27.400
27.395
31.98
31.92
31.86
0
20
40
60
80
100

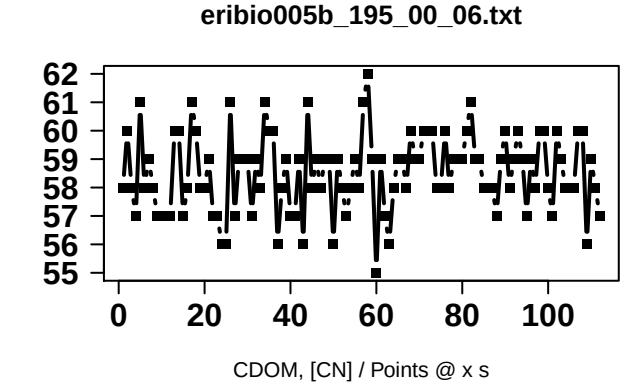

eribio005b_194_00_06.txt
61
60
59
58
57
0
20
40
60
80
100
CDOM, [CN] / Points @ x s

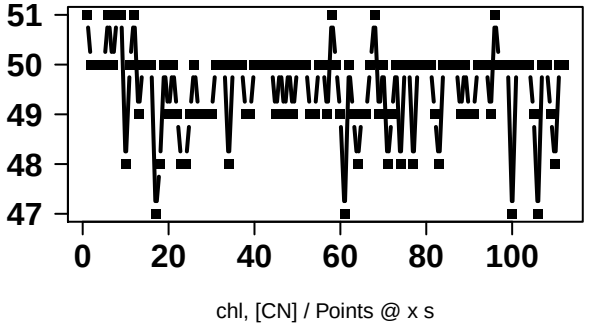

52
51
50
49
48
47
46
0
20
40
60
80
100
chl, [CN] / Points @ x s

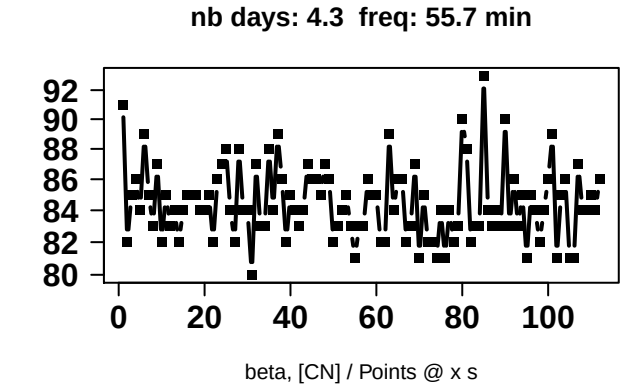

nb days: 4.7 freq: 58.9 min
105
100
95
90
85
0
20
40
60
80
100
beta, [CN] / Points @ x s

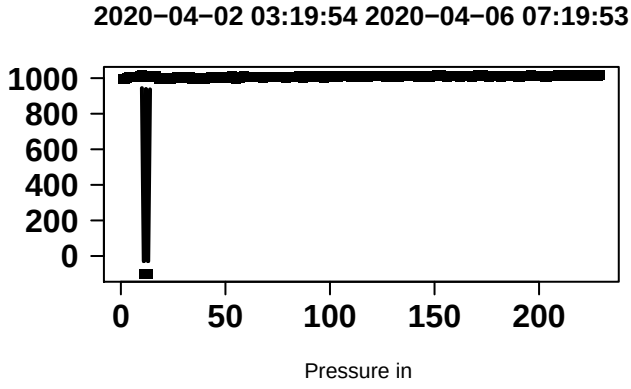

2020−03−27 23:45:43 2020−04−01 08:45:47
1000
800
600
400
200
0
0
50
100
150
200
250
Pressure in

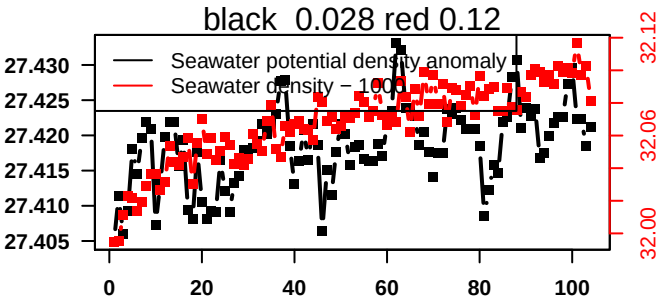

black 0.032 red 0.11
Seawater potential density anomaly
Seawater density − 1000
27.425
27.420
27.415
27.410
27.405
27.400
27.395
0
20
40
60
80
100
32.02
31.96

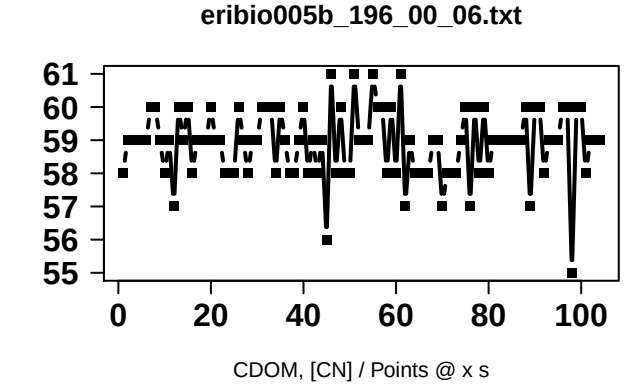

eribio005b_195_00_06.txt
62
61
60
59
58
57
56
55
0
20
40
60
80
100
CDOM, [CN] / Points @ x s

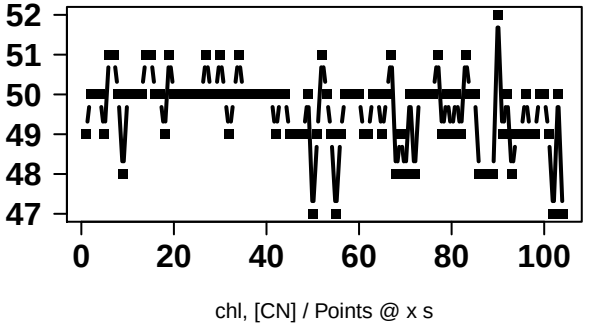

51
50
49
48
47
0
20
40
60
80
100
chl, [CN] / Points @ x s

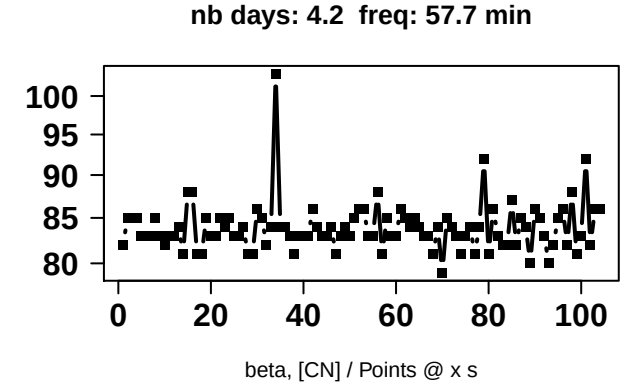

nb days: 4.3 freq: 55.7 min
92
90
88
86
84
82
80
0
20
40
60
80
100
beta, [CN] / Points @ x s

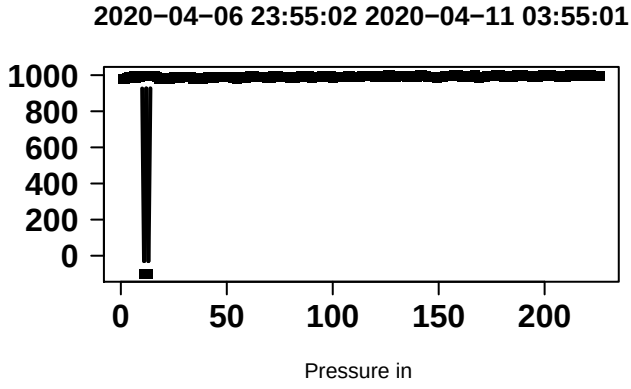

2020−04−02 03:19:54 2020−04−06 07:19:53
1000
800
600
400
200
0
0
50
100
150
200
Pressure in

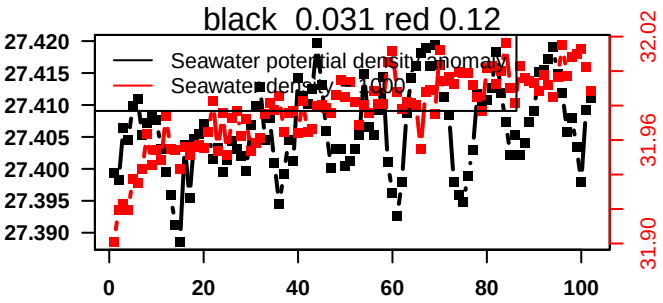

black 0.028 red 0.12
Seawater potential density anomaly
Seawater density − 1000
27.430
27.425
27.420
27.415
27.410
27.405
32.12
32.06
32.00
0
20
40
60
80
100

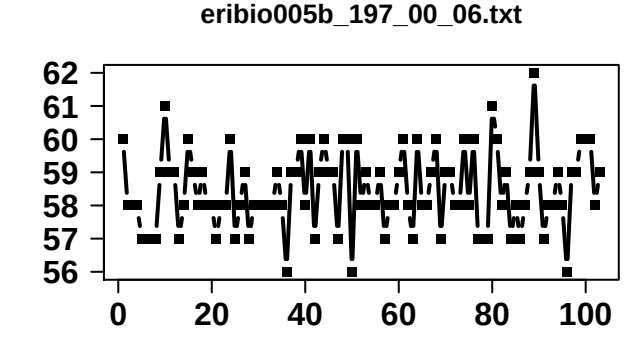

eribio005b_196_00_06.txt
61
60
59
58
57
56
55
0
20
40
60
80
100
CDOM, [CN] / Points @ x s

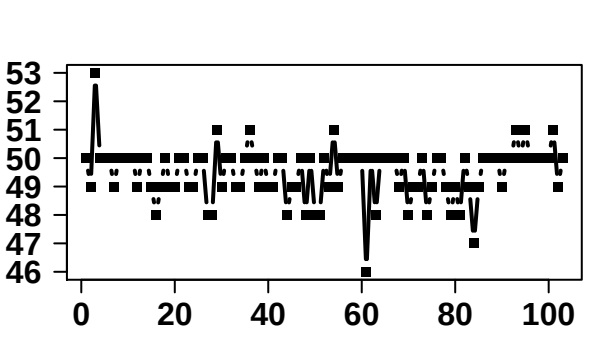

52
51
50
49
48
47
0
20
40
60
80
100
chl, [CN] / Points @ x s

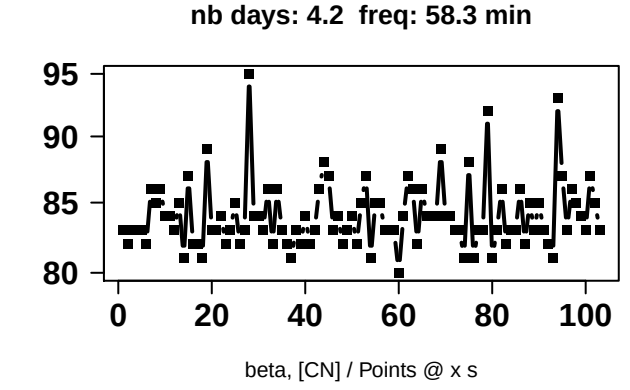

nb days: 4.2 freq: 57.7 min
100
95
90
85
80
0
20
40
60
80
100
beta, [CN] / Points @ x s

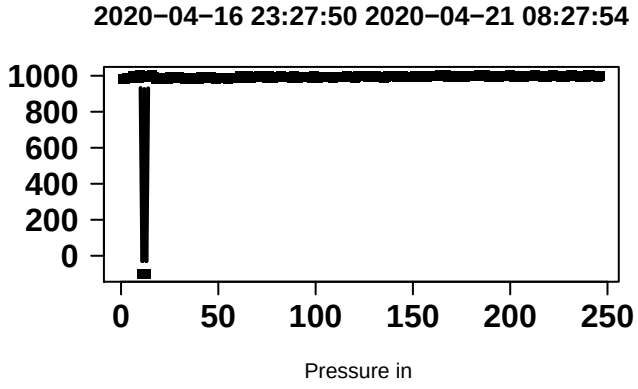

2020−04−06 23:55:02 2020−04−11 03:55:01
1000
800
600
400
200
0
0
50
100
150
200
Pressure in

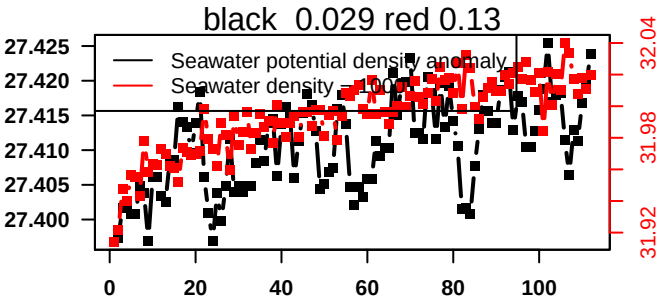

black 0.031 red 0.12
Seawater potential density anomaly
Seawater density − 1000
27.420
27.415
27.410
27.405
27.400
27.395
27.390
32.02
31.96
31.90
0
20
40
60
80
100

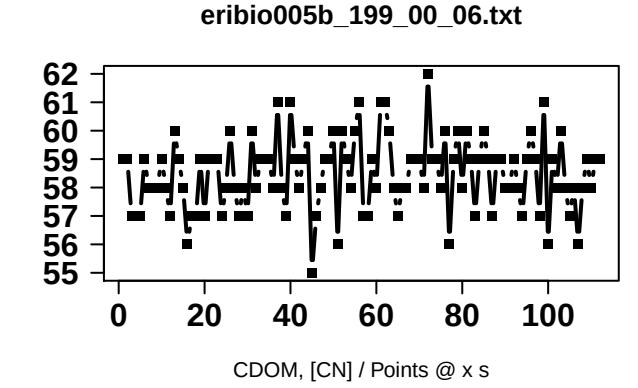

eribio005b_197_00_06.txt
62
61
60
59
58
57
56
0
20
40
60
80
100
CDOM, [CN] / Points @ x s

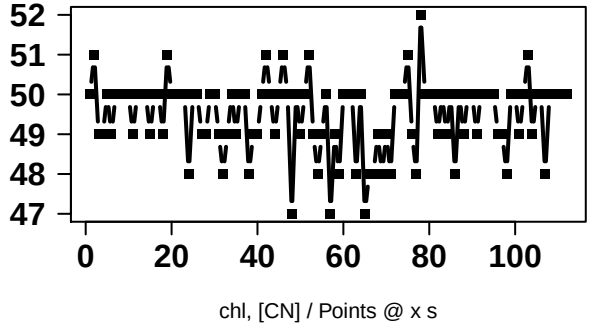

53
52
51
50
49
48
47
46
0
20
40
60
80
100
chl, [CN] / Points @ x s

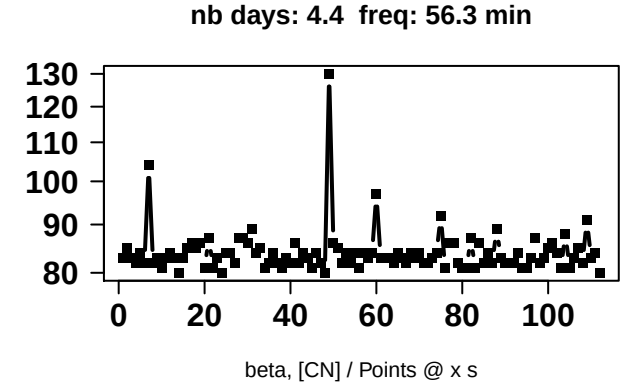

nb days: 4.2 freq: 58.3 min
95
90
85
80
0
20
40
60
80
100
beta, [CN] / Points @ x s

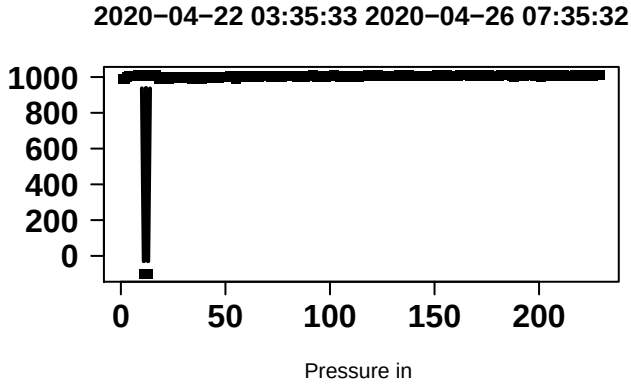

2020−04−16 23:27:50 2020−04−21 08:27:54
1000
800
600
400
200
0
0
50
100
150
200
250
Pressure in

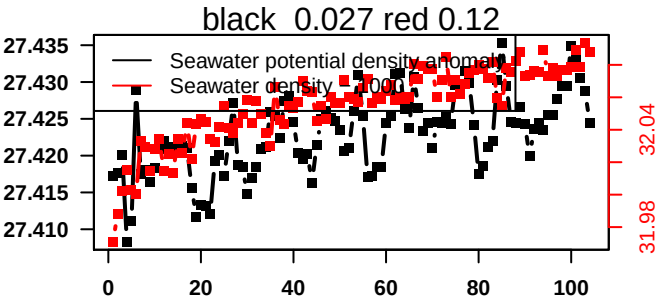

black 0.029 red 0.13
Seawater potential density anomaly
Seawater density − 1000
27.425
27.420
27.415
27.410
27.405
27.400
32.04
31.98
31.92
0
20
40
60
80
100

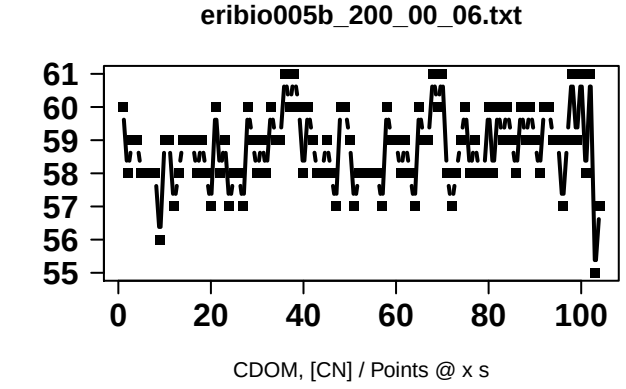

eribio005b_199_00_06.txt
62
61
60
59
58
57
56
55
0
20
40
60
80
100
CDOM, [CN] / Points @ x s

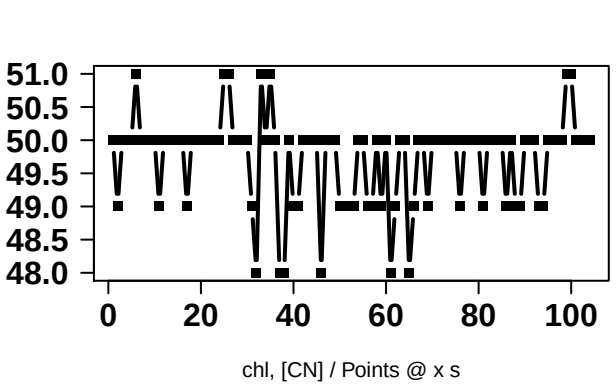

52
51
50
49
48
47
0
20
40
60
80
100
chl, [CN] / Points @ x s

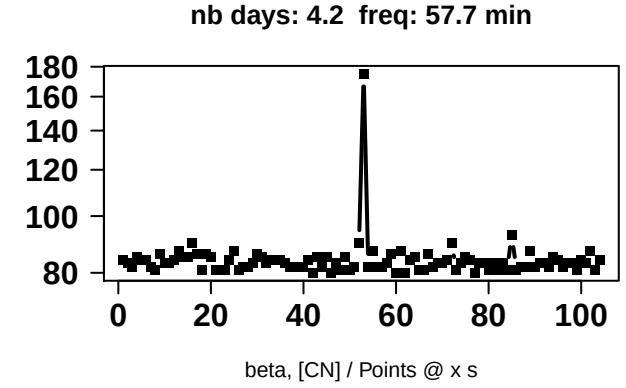

nb days: 4.4 freq: 56.3 min
130
120
110
100
90
80
0
20
40
60
80
100
beta, [CN] / Points @ x s

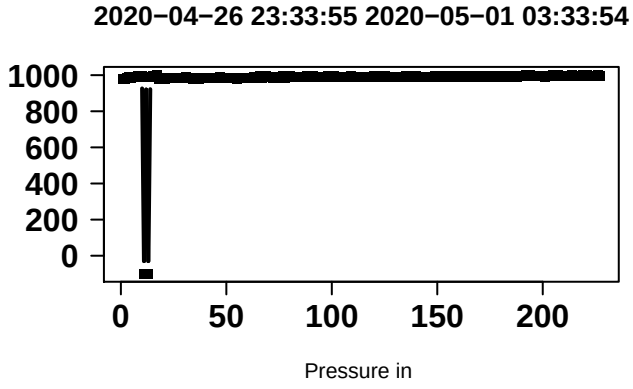

2020−04−22 03:35:33 2020−04−26 07:35:32
1000
800
600
400
200
0
0
50
100
150
200
Pressure in

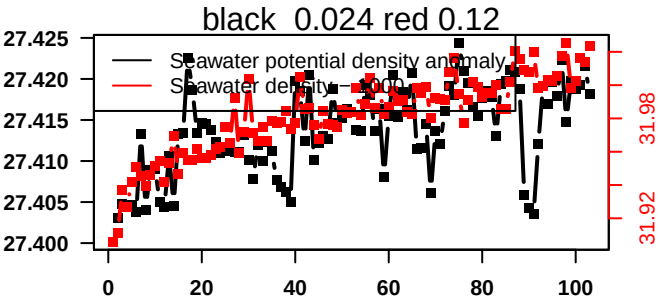

black 0.027 red 0.12
Seawater potential density anomaly
Seawater density − 1000
27.435
27.430
27.425
27.420
27.415
27.410
32.04
31.98
0
20
40
60
80
100

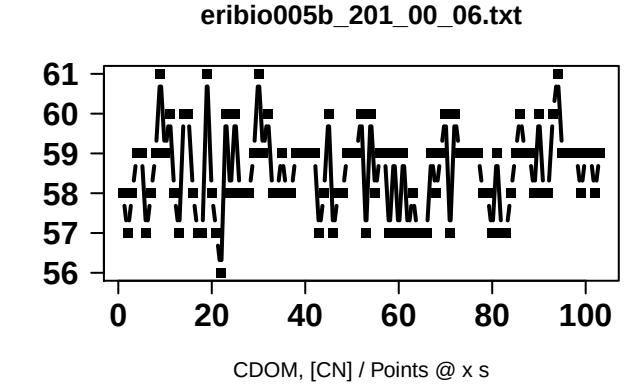

eribio005b_200_00_06.txt
61
60
59
58
57
56
55
0
20
40
60
80
100
CDOM, [CN] / Points @ x s

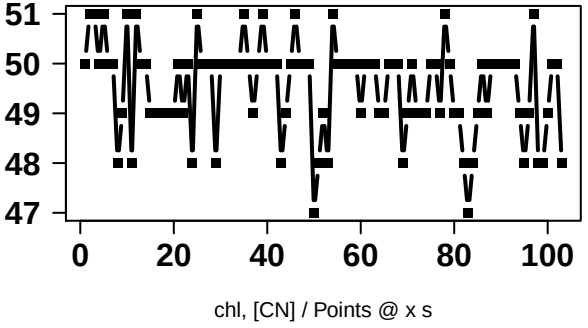

51.0
50.5
50.0
49.5
49.0
48.5
48.0
0
20
40
60
80
100
chl, [CN] / Points @ x s

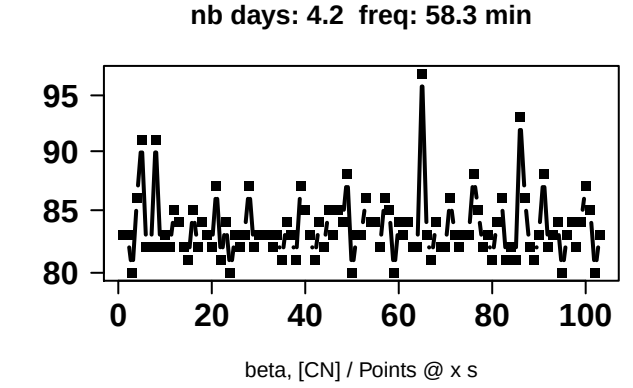

nb days: 4.2 freq: 57.7 min
180
160
140
120
100
80
0
20
40
60
80
100
beta, [CN] / Points @ x s

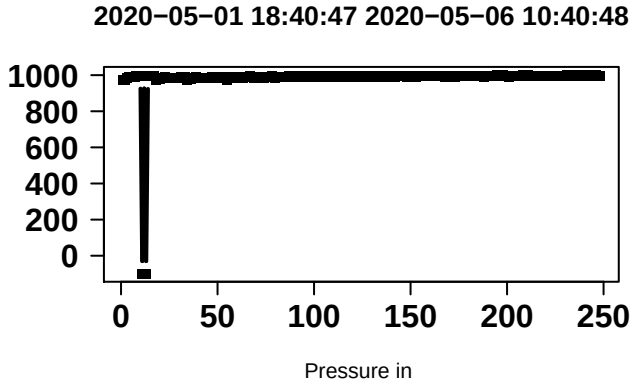

2020−04−26 23:33:55 2020−05−01 03:33:54
1000
800
600
400
200
0
0
50
100
150
200
Pressure in

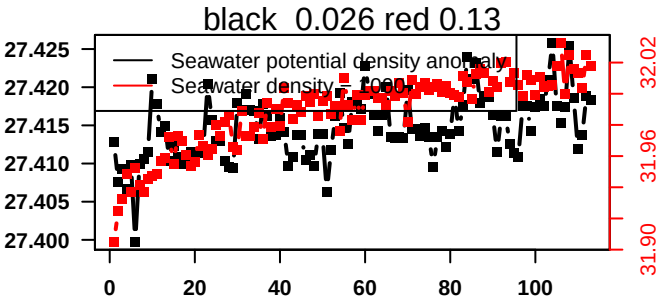

black 0.024 red 0.12
Seawater potential density anomaly
Seawater density − 1000
27.425
27.420
27.415
27.410
27.405
27.400
31.98
31.92
0
20
40
60
80
100

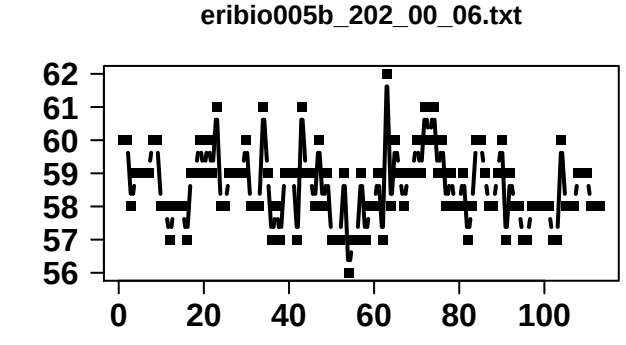

eribio005b_201_00_06.txt
61
60
59
58
57
56
0
20
40
60
80
100
CDOM, [CN] / Points @ x s

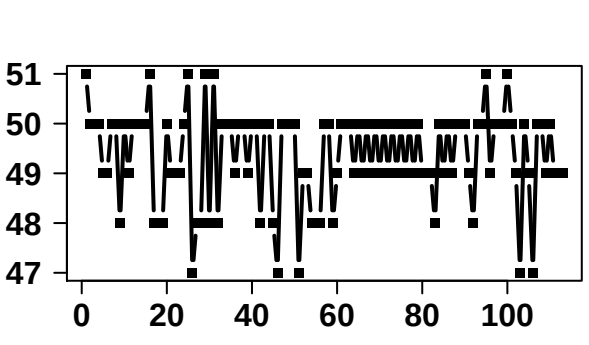

51
50
49
48
47
0
20
40
60
80
100
chl, [CN] / Points @ x s

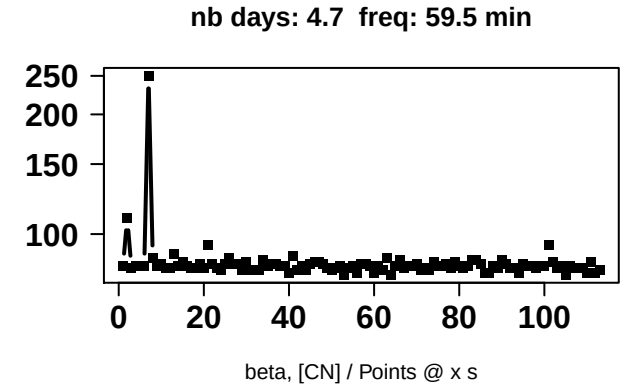

nb days: 4.2 freq: 58.3 min
95
90
85
80
0
20
40
60
80
100
beta, [CN] / Points @ x s

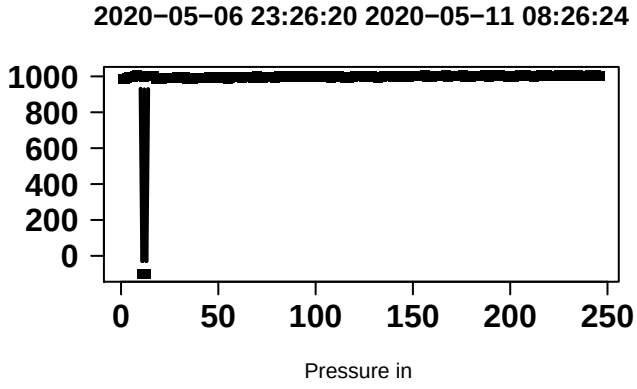

2020−05−01 18:40:47 2020−05−06 10:40:48
1000
800
600
400
200
0
0
50
100
150
200
250
Pressure in

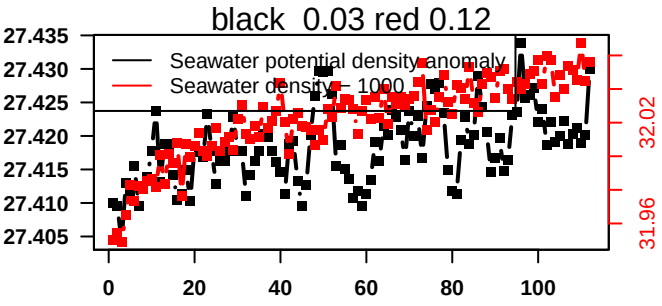

black 0.026 red 0.13
Seawater potential density anomaly
27.425
27.420
27.415
27.410
27.405
27.400
32.02
31.96
31.90
0
20
40
60
80
100

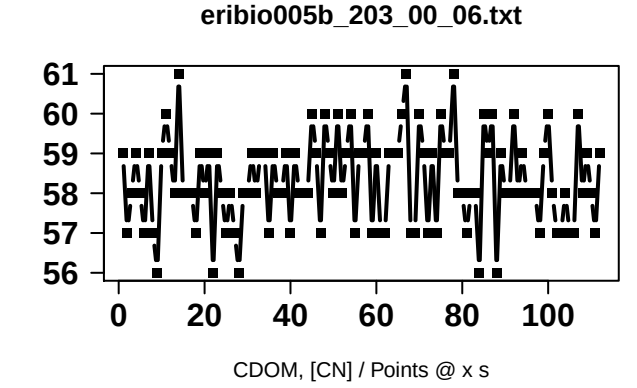

eribio005b_202_00_06.txt
62
61
60
59
58
57
56
0
20
40
60
80
100
CDOM, [CN] / Points @ x s

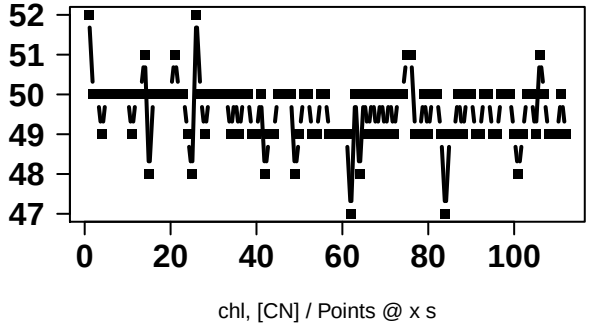

51
50
49
48
47
0
20
40
60
80
100
chl, [CN] / Points @ x s

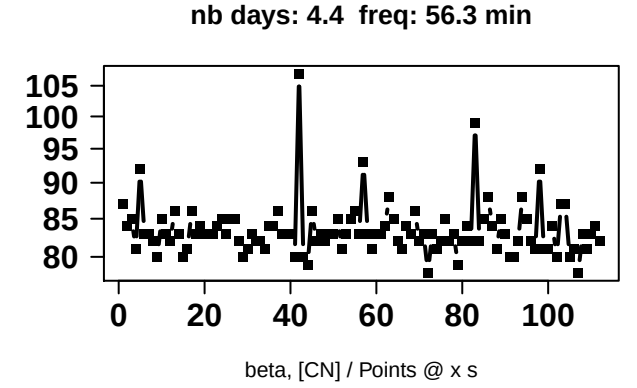

nb days: 4.7 freq: 59.5 min
250
200
150
100
0
20
40
60
80
100
beta, [CN] / Points @ x s

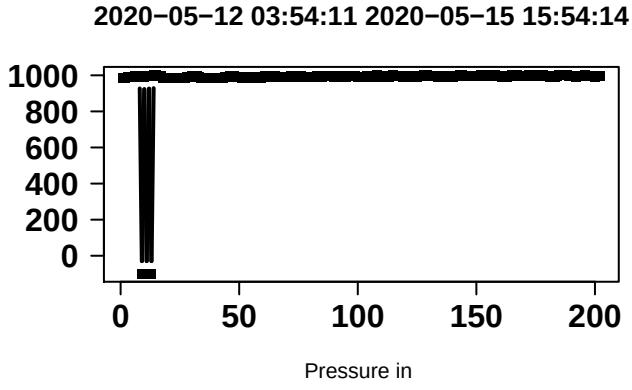

2020−05−06 23:26:20 2020−05−11 08:26:24
1000
800
600
400
200
0
0
50
100
150
200
250
Pressure in

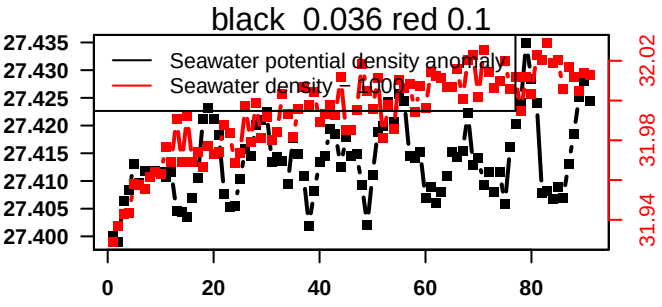

black 0.03 red 0.12
27.435
27.430
27.425
27.420
27.415
27.410
27.405
Seawater potential density anomaly
Seawater density − 1000
32.02
31.96
0
20
40
60
80
100

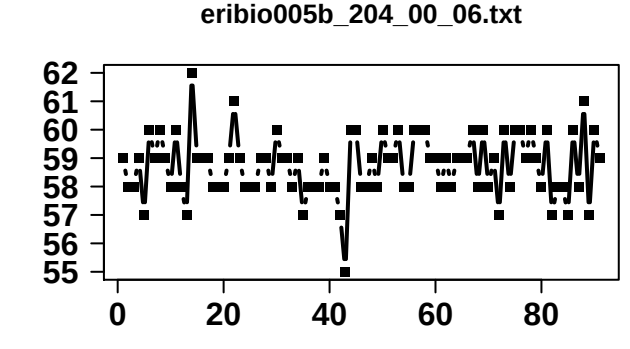

eribio005b_203_00_06.txt
61
60
59
58
57
56
0
20
40
60
80
100
CDOM, [CN] / Points @ x s

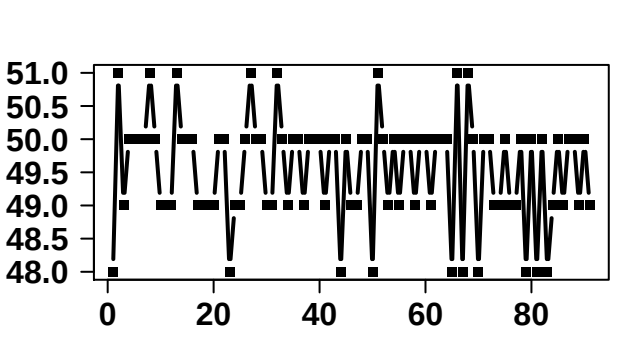

52
51
50
49
48
47
0
20
40
60
80
100
chl, [CN] / Points @ x s

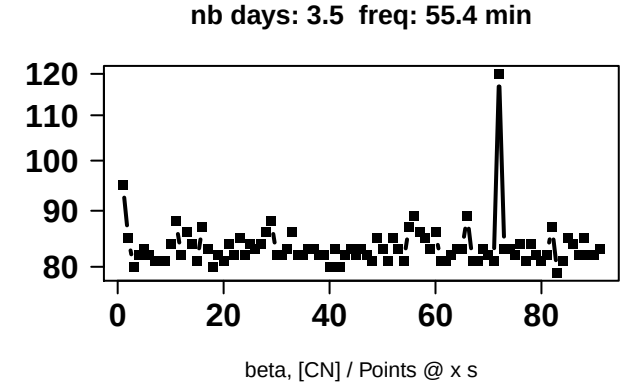

nb days: 4.4 freq: 56.3 min
105
100
95
90
85
80
0
20
40
60
80
100
beta, [CN] / Points @ x s

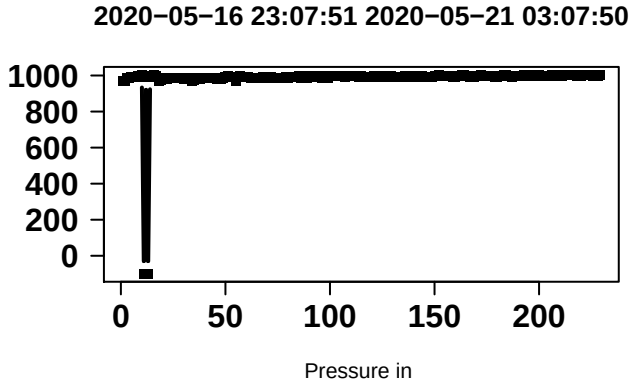

2020−05−12 03:54:11 2020−05−15 15:54:14
1000
800
600
400
200
0
0
50
100
150
200
Pressure in

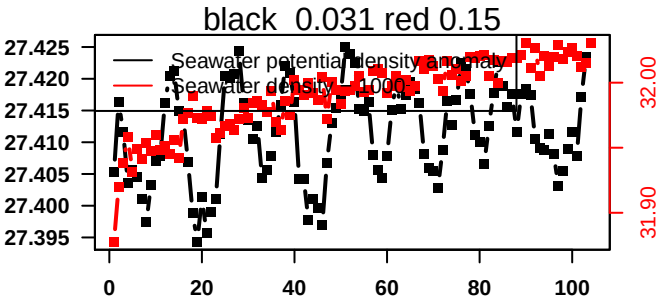

black 0.036 red 0.1
Seawater potential density anomaly
Seawater density − 1000
27.435
27.430
27.425
27.420
27.415
27.410
27.405
27.400
32.02
31.98
31.94
0
20
40
60
80

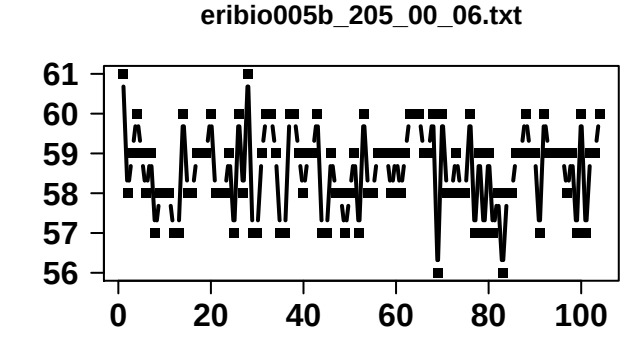

eribio005b_204_00_06.txt
62
61
60
59
58
57
56
55
0
20
40
60
80
CDOM, [CN] / Points @ x s

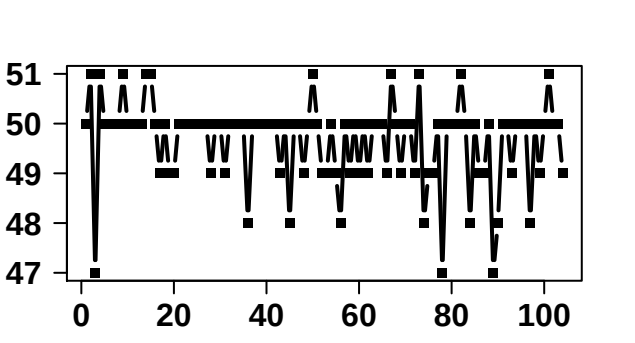

51.0
50.5
50.0
49.5
49.0
48.5
48.0
0
20
40
60
80
chl, [CN] / Points @ x s

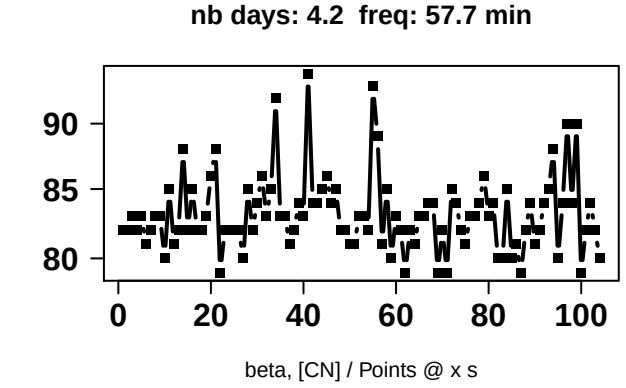

nb days: 3.5 freq: 55.4 min
120
110
100
90
80
0
20
40
60
80
beta, [CN] / Points @ x s

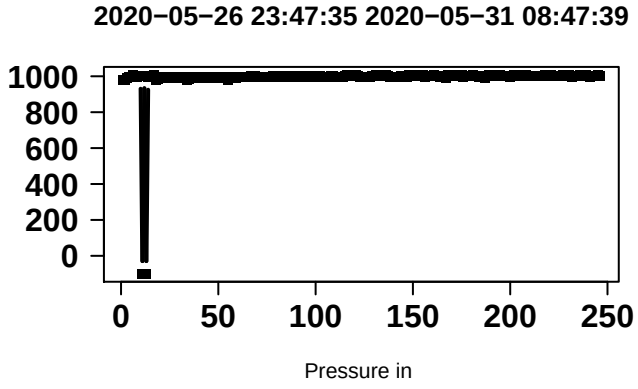

2020−05−16 23:07:51 2020−05−21 03:07:50
1000
800
600
400
200
0
0
50
100
150
200
Pressure in

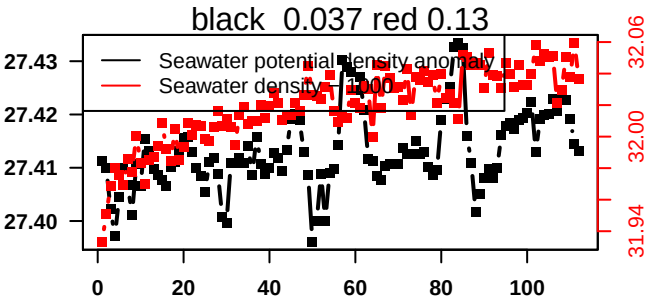

black 0.031 red 0.15
Seawater potential density anomaly
Seawater density − 1000
27.425
27.420
27.415
27.410
27.405
27.400
27.395
32.00
31.90
0
20
40
60
80
100

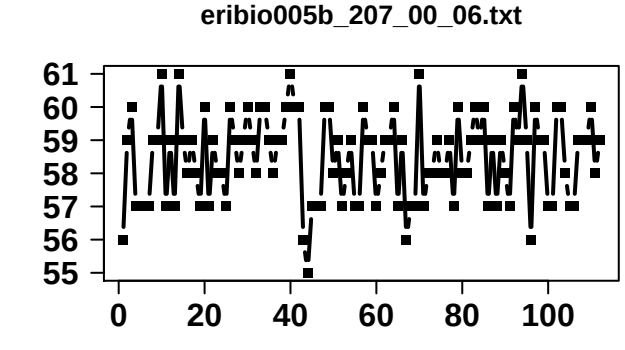

eribio005b_205_00_06.txt
61
60
59
58
57
56
0
20
40
60
80
100
CDOM, [CN] / Points @ x s

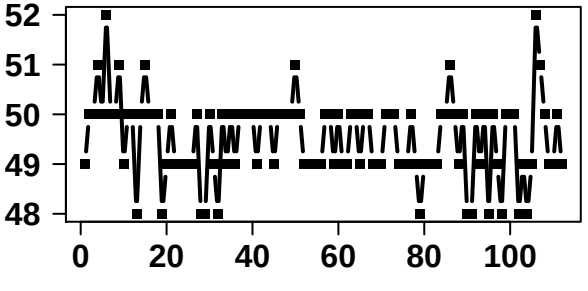

51
50
49
48
47
0
20
40
60
80
100
chl, [CN] / Points @ x s

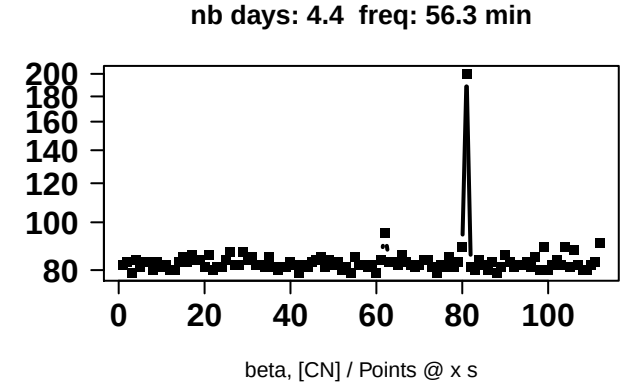

nb days: 4.2 freq: 57.7 min
90
85
80
0
20
40
60
80
100
beta, [CN] / Points @ x s

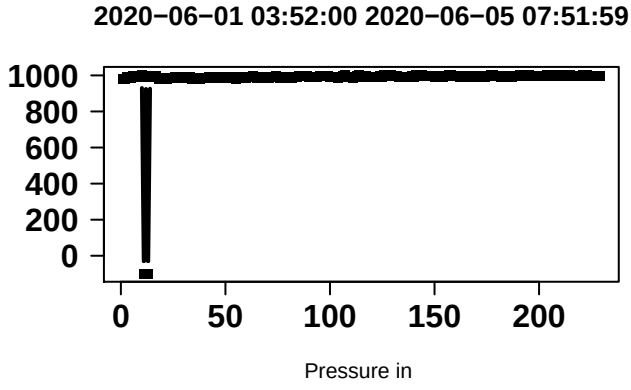

2020−05−26 23:47:35 2020−05−31 08:47:39
1000
800
600
400
200
0
0
50
100
150
200
250
Pressure in

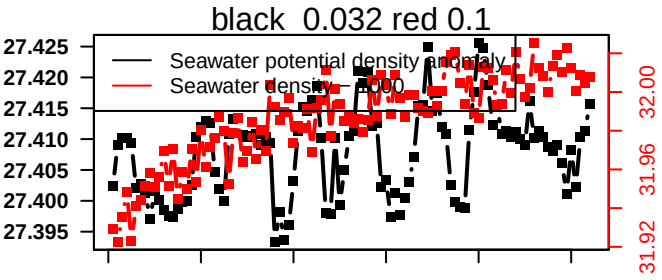

black 0.037 red 0.13
Seawater potential density anomaly
Seawater density − 1000
27.43
27.42
27.41
27.40
32.06
32.00
31.94
0
20
40
60
80
100

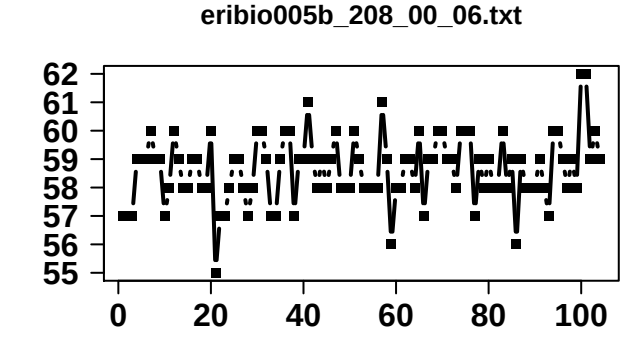

eribio005b_207_00_06.txt
61
60
59
58
57
56
55
0
20
40
60
80
100
CDOM, [CN] / Points @ x s

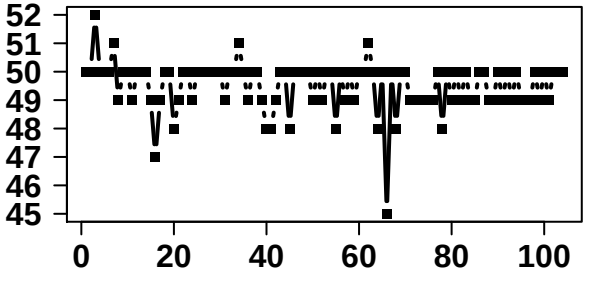

52
51
50
49
48
0
20
40
60
80
100
chl, [CN] / Points @ x s

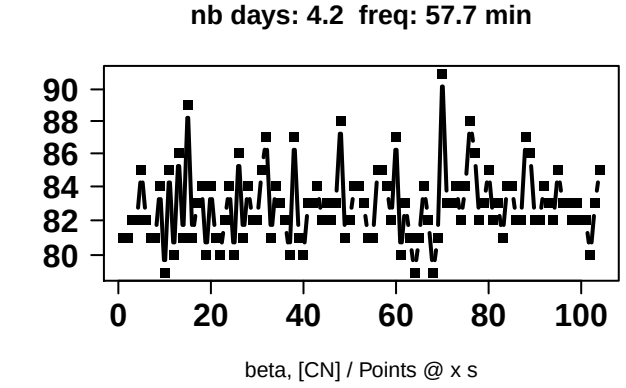

nb days: 4.4 freq: 56.3 min
200
180
160
140
120
100
80
0
20
40
60
80
100
beta, [CN] / Points @ x s

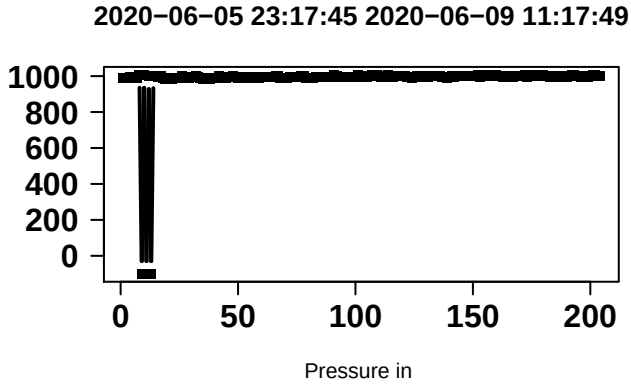

2020−06−01 03:52:00 2020−06−05 07:51:59
1000
800
600
400
200
0
0
50
100
150
200
Pressure in

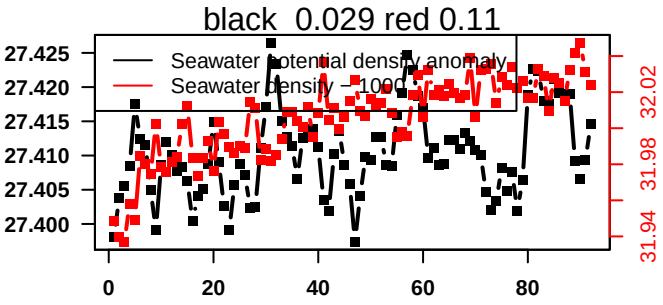

black 0.032 red 0.1
Seawater potential density anomaly
Seawater density − 1000
27.425
27.420
27.415
27.410
27.405
27.400
27.395
32.00
31.96
31.92
0
20
40
60
80
100

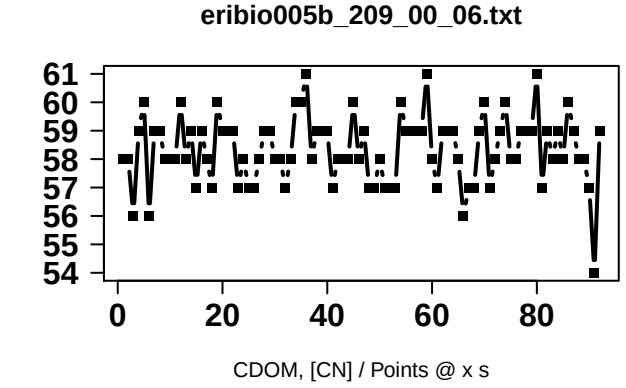

eribio005b_208_00_06.txt
62
61
60
59
58
57
56
55
0
20
40
60
80
100
CDOM, [CN] / Points @ x s

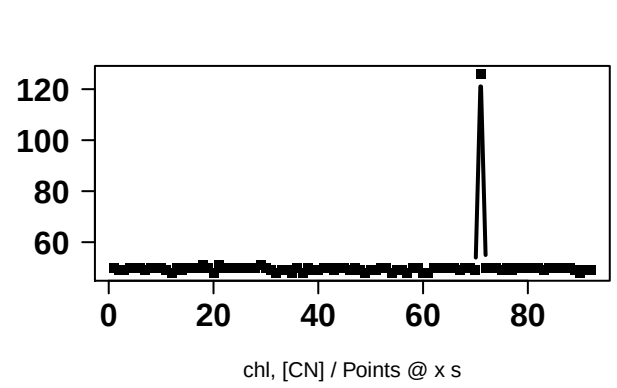

52
51
50
49
48
47
46
45
0
20
40
60
80
100
chl, [CN] / Points @ x s

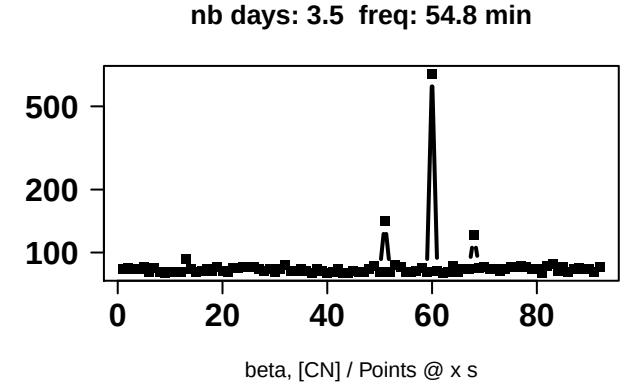

nb days: 4.2 freq: 57.7 min
90
88
86
84
82
80
0
20
40
60
80
100
beta, [CN] / Points @ x s

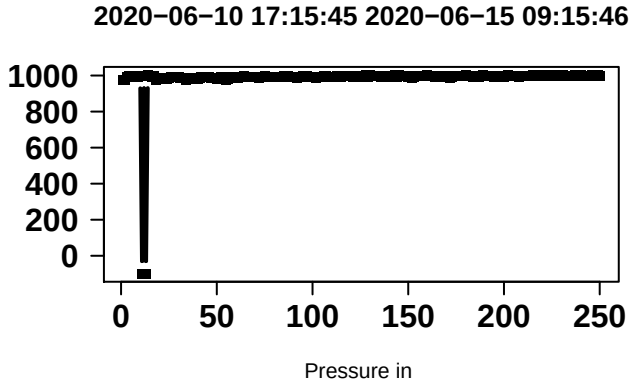

2020−06−05 23:17:45 2020−06−09 11:17:49
1000
800
600
400
200
0
0
50
100
150
200
Pressure in

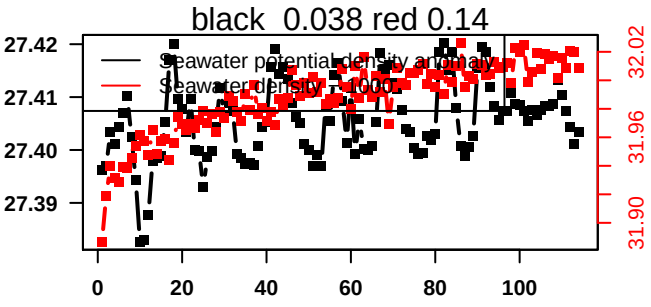

black 0.029 red 0.11
Seawater potential density anomaly
Seawater density − 1000
27.425
27.420
27.415
27.410
27.405
27.400
32.02
31.98
31.94
0
20
40
60
80

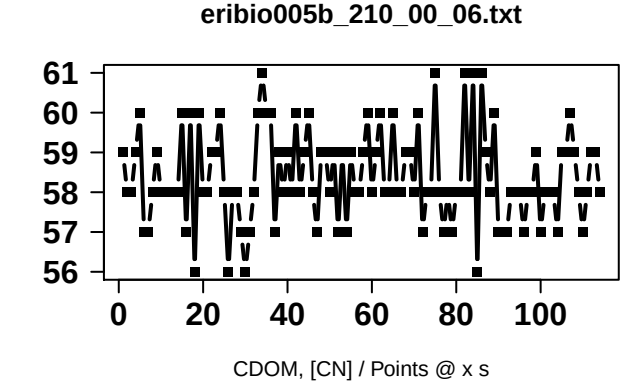

eribio005b_209_00_06.txt
61
60
59
58
57
56
55
54
0
20
40
60
80
CDOM, [CN] / Points @ x s

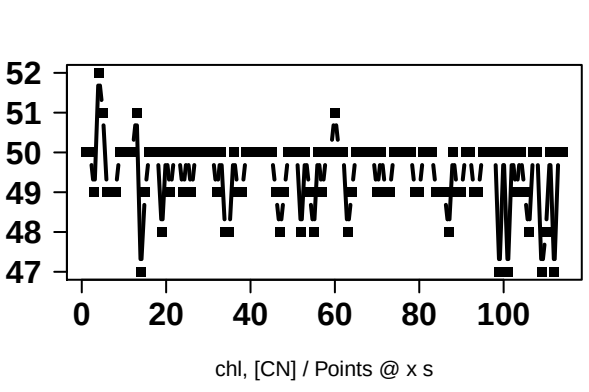

120
100
80
60
0
20
40
60
80
chl, [CN] / Points @ x s

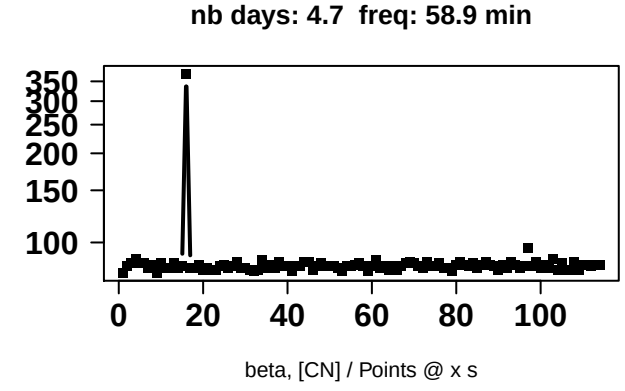

nb days: 3.5 freq: 54.8 min
500
200
100
0
20
40
60
80
beta, [CN] / Points @ x s

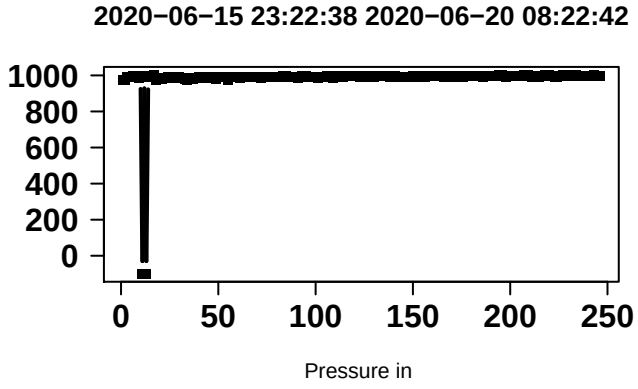

2020−06−10 17:15:45 2020−06−15 09:15:46
1000
800
600
400
200
0
0
50
100
150
200
250
Pressure in

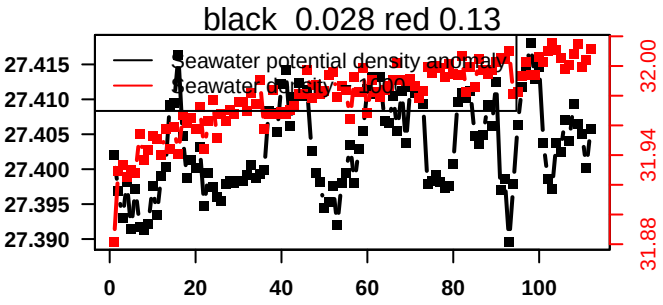

black 0.038 red 0.14
Seawater potential density anomaly
Seawater density − 1000
27.42
27.41
27.40
27.39
32.02
31.96
31.90
0
20
40
60
80
100

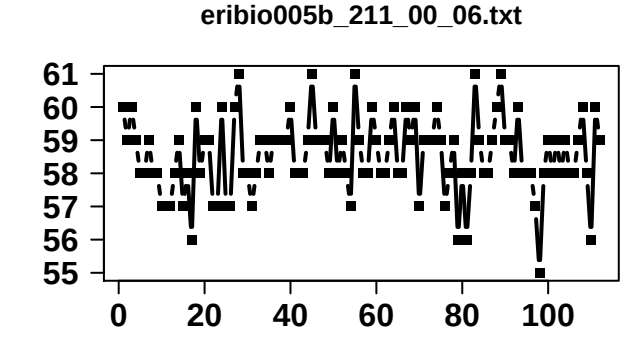

eribio005b_210_00_06.txt
61
60
59
58
57
56
0
20
40
60
80
100
CDOM, [CN] / Points @ x s

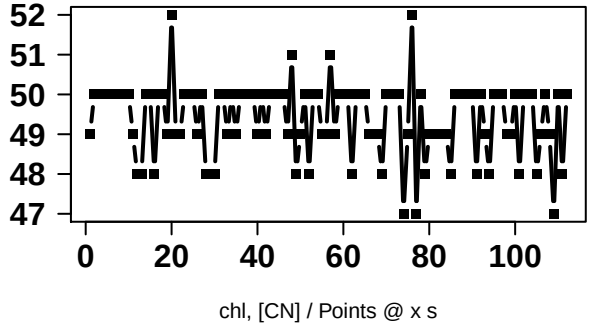

52
51
50
49
48
47
0
20
40
60
80
100
chl, [CN] / Points @ x s

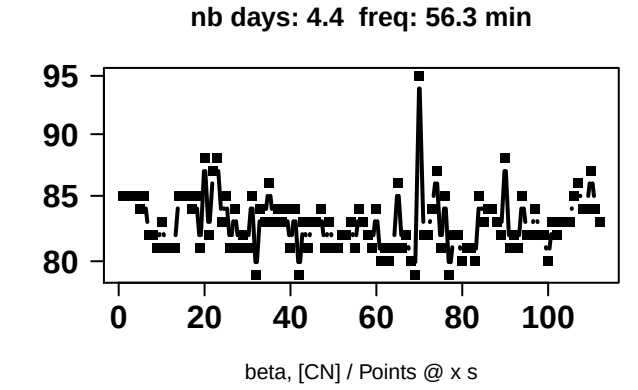

nb days: 4.7 freq: 58.9 min
350
300
250
200
150
100
0
20
40
60
80
100
beta, [CN] / Points @ x s

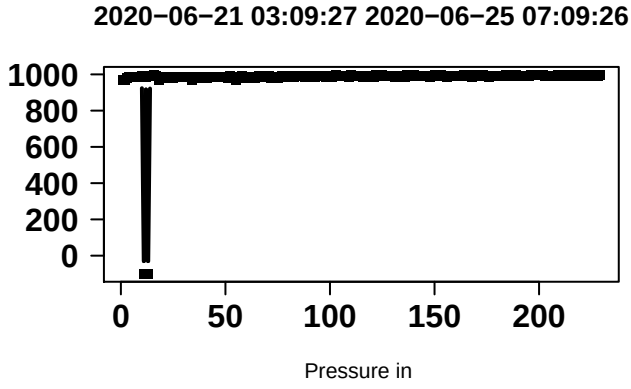

2020−06−15 23:22:38 2020−06−20 08:22:42
1000
800
600
400
200
0
0
50
100
150
200
250
Pressure in

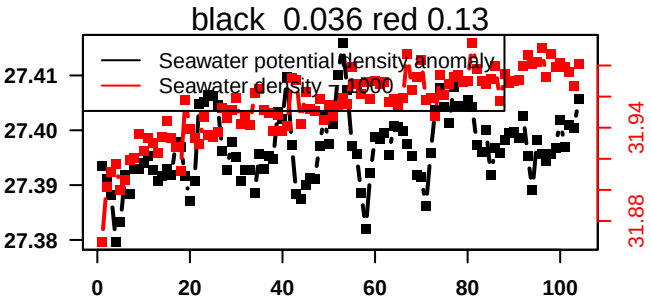

black 0.028 red 0.13
Seawater potential density anomaly (...
Seawater density − 1000 ...
27.415
27.410
27.405
27.400
27.395
27.390
0
20
40
60
80
100
32.00
31.94
31.88

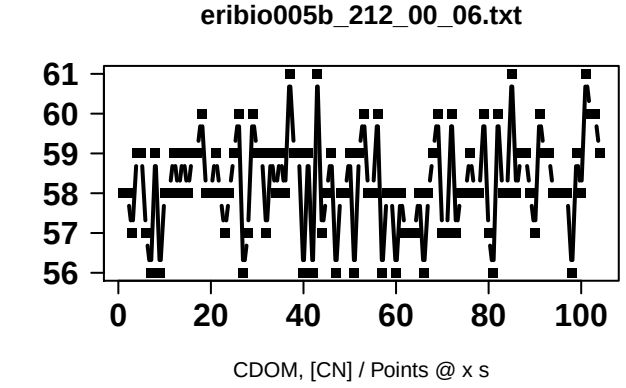

eribio005b_211_00_06.txt
61
60
59
58
57
56
55
0
20
40
60
80
100
CDOM, [CN] / Points @ x s

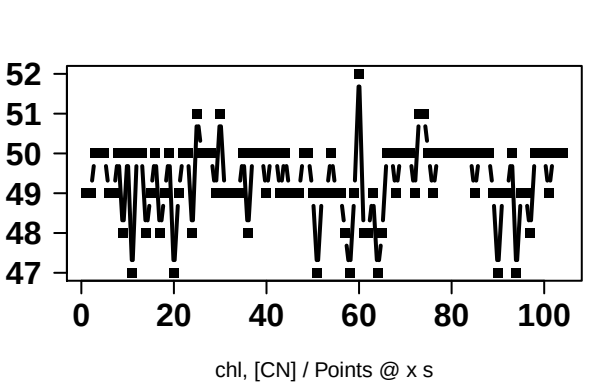

52
51
50
49
48
47
0
20
40
60
80
100
chl, [CN] / Points @ x s

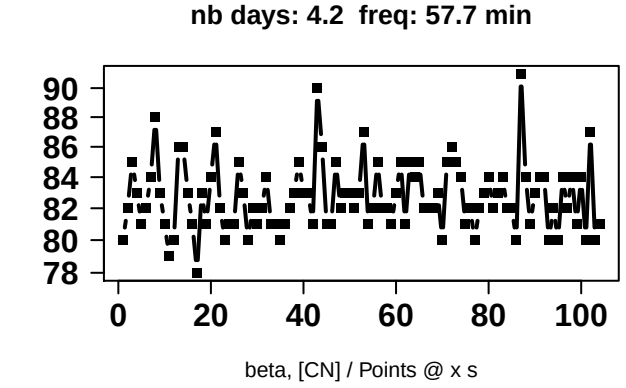

nb days: 4.4 freq: 56.3 min
95
90
85
80
0
20
40
60
80
100
beta, [CN] / Points @ x s

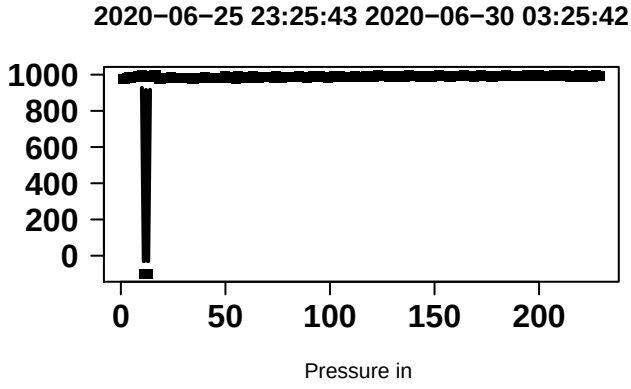

2020−06−21 03:09:27 2020−06−25 07:09:26
1000
800
600
400
200
0
0
50
100
150
200
Pressure in

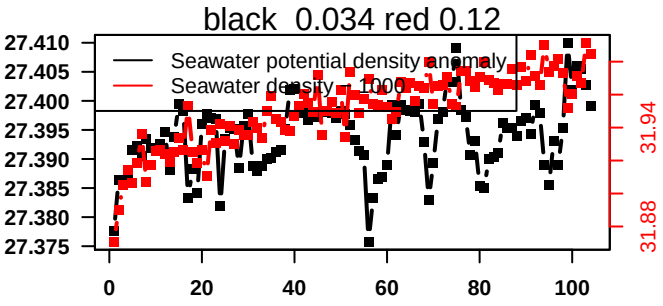

black 0.036 red 0.13
Seawater potential density anomaly
Seawater density − 1000
27.41
27.40
27.39
27.38
31.94
31.88
0
20
40
60
80
100

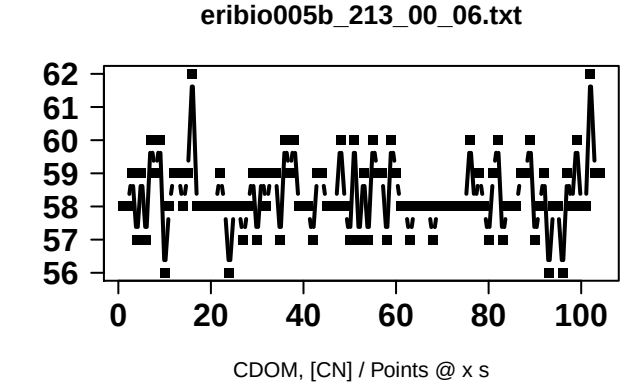

eribio005b_212_00_06.txt
61
60
59
58
57
56
0
20
40
60
80
100
CDOM, [CN] / Points @ x s

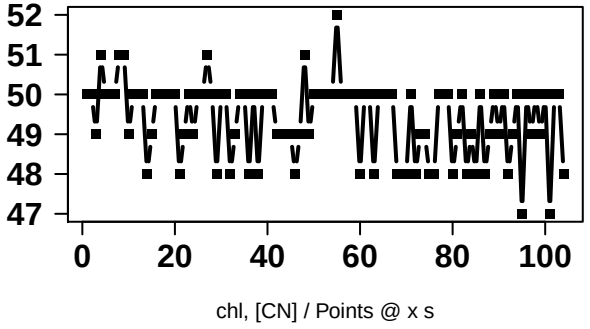

52
51
50
49
48
47
0
20
40
60
80
100
chl, [CN] / Points @ x s

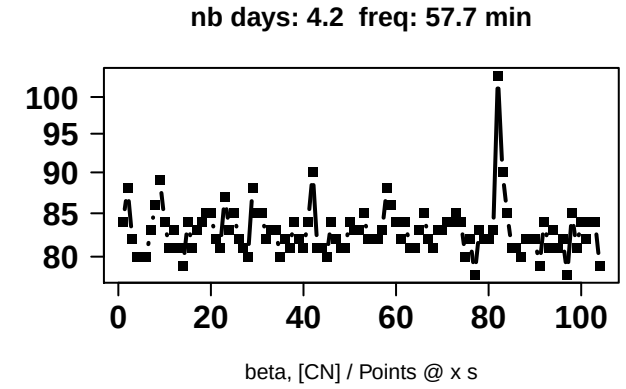

nb days: 4.2 freq: 57.7 min
90
88
86
84
82
80
78
0
20
40
60
80
100
beta, [CN] / Points @ x s

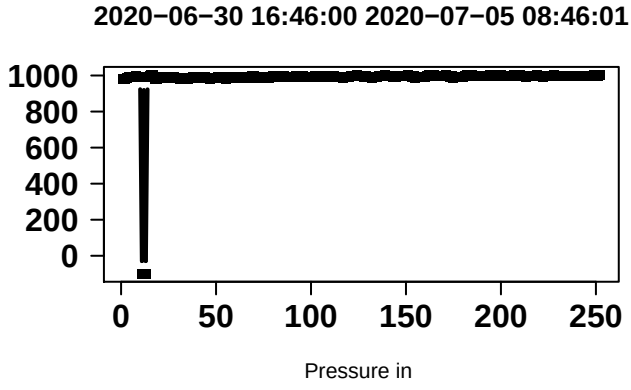

2020−06−25 23:25:43 2020−06−30 03:25:42
1000
800
600
400
200
0
0
50
100
150
200
Pressure in

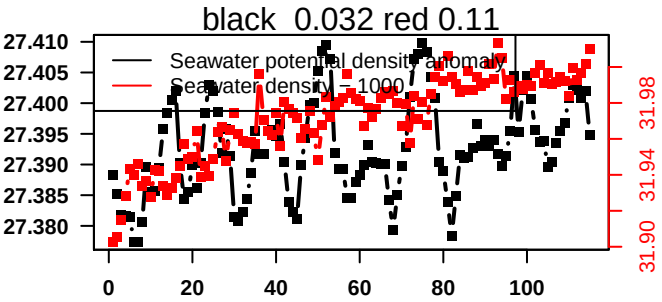

black 0.034 red 0.12
Seawater potential density anomaly
Seawater density − 1000
27.410
27.405
27.400
27.395
27.390
27.385
27.380
27.375
31.94
31.88
0
20
40
60
80
100

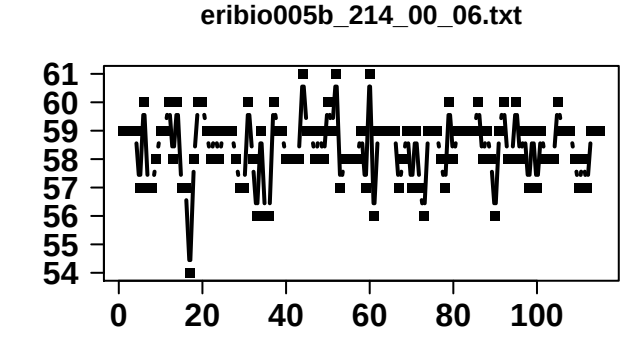

eribio005b_213_00_06.txt
62
61
60
59
58
57
56
0
20
40
60
80
100
CDOM, [CN] / Points @ x s

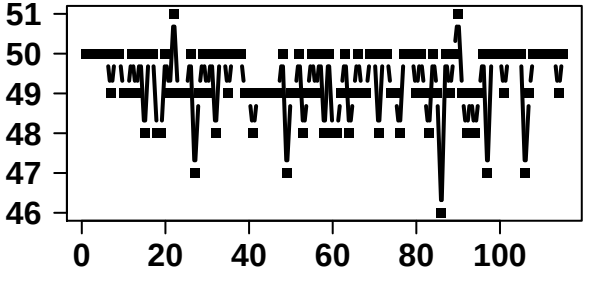

52
51
50
49
48
47
0
20
40
60
80
100
chl, [CN] / Points @ x s

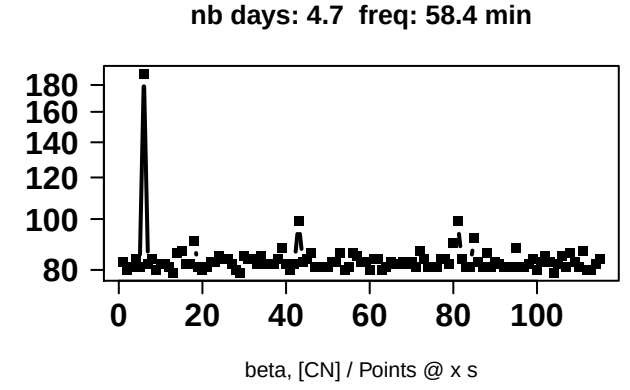

nb days: 4.2 freq: 57.7 min
100
95
90
85
80
0
20
40
60
80
100
beta, [CN] / Points @ x s

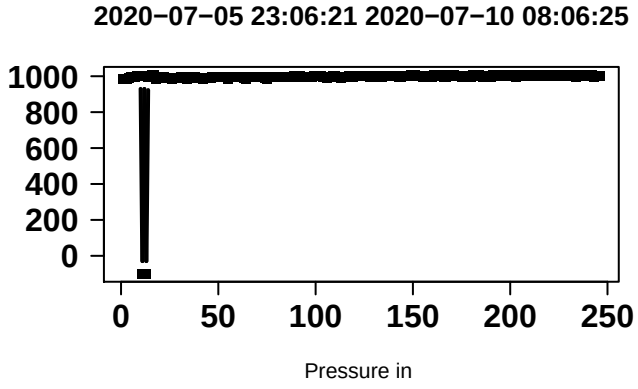

2020−06−30 16:46:00 2020−07−05 08:46:01
1000
800
600
400
200
0
0
50
100
150
200
250
Pressure in

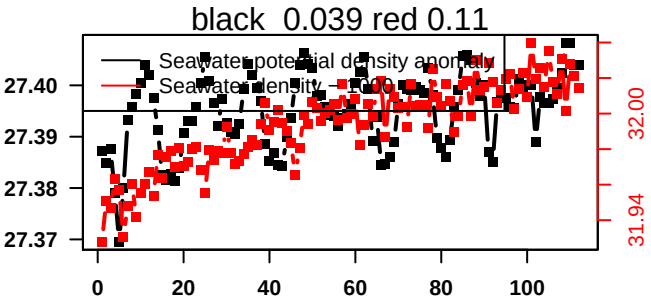

black 0.032 red 0.11
Seawater potential density anomaly
Seawater density − 1000
27.410
27.405
27.400
27.395
27.390
27.385
27.380
31.98
31.94
31.90
0
20
40
60
80
100

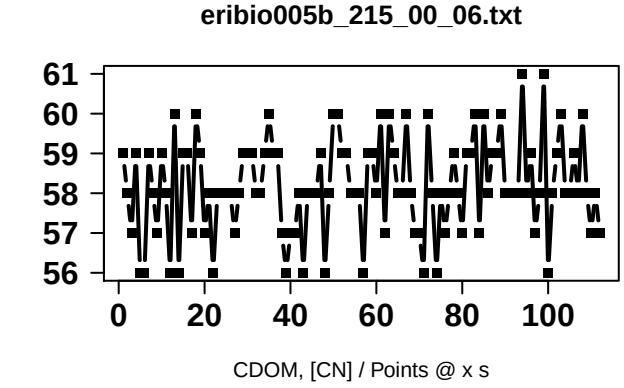

eribio005b_214_00_06.txt
61
60
59
58
57
56
55
54
0
20
40
60
80
100
CDOM, [CN] / Points @ x s

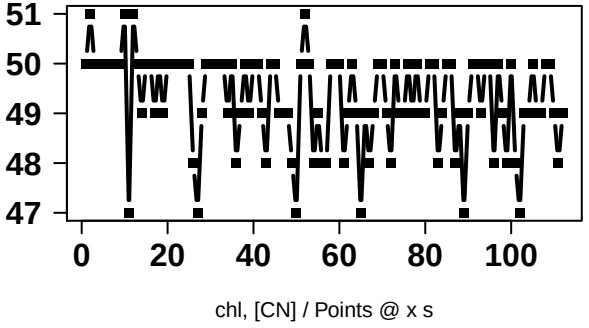

51
50
49
48
47
46
0
20
40
60
80
100
chl, [CN] / Points @ x s

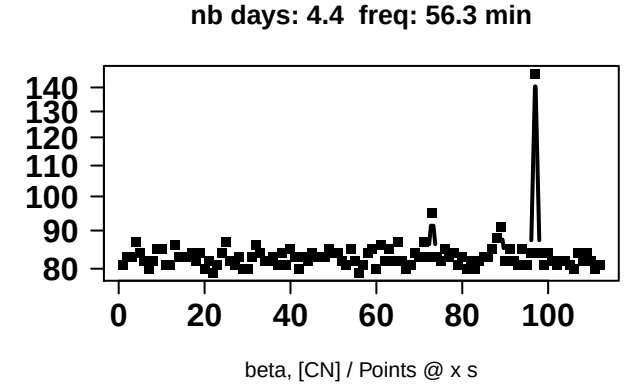

nb days: 4.7 freq: 58.4 min
180
160
140
120
100
80
0
20
40
60
80
100
beta, [CN] / Points @ x s

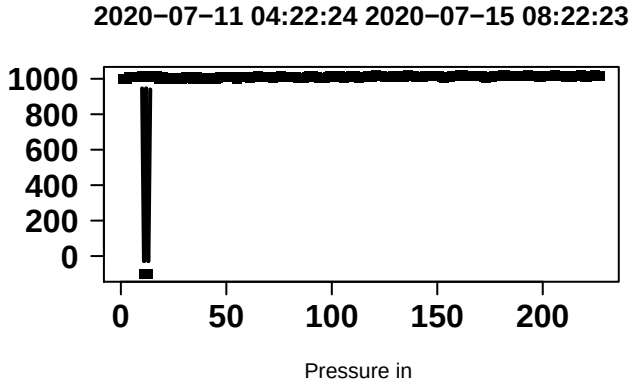

2020−07−05 23:06:21 2020−07−10 08:06:25
1000
800
600
400
200
0
0
50
100
150
200
250
Pressure in

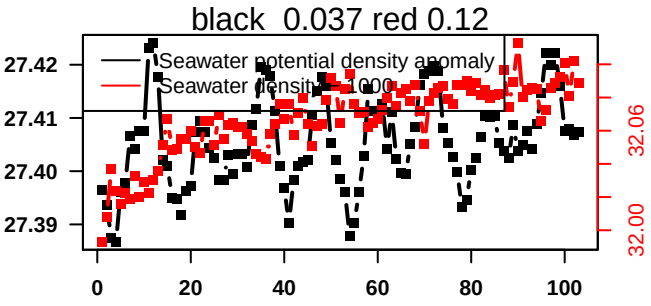

black 0.039 red 0.11
Seawater potential density anomaly
Seawater density
27.40
27.39
27.38
27.37
32.00
31.94
0
20
40
60
80
100

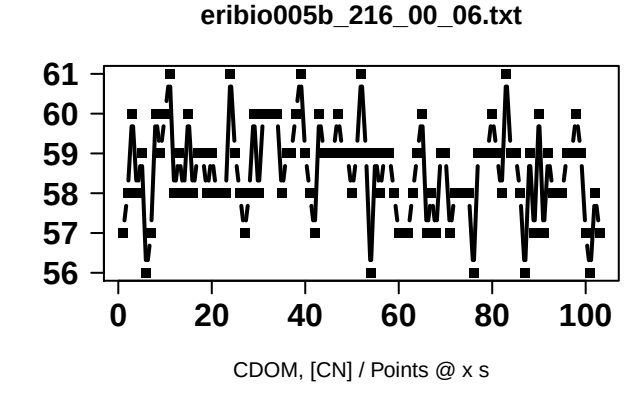

eribio005b_215_00_06.txt
61
60
59
58
57
56
0
20
40
60
80
100
CDOM, [CN] / Points @ x s

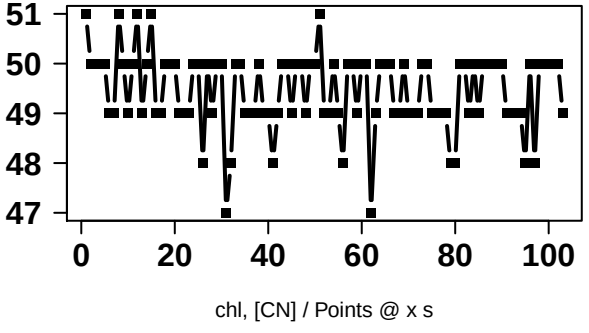

51
50
49
48
47
0
20
40
60
80
100
chl, [CN] / Points @ x s

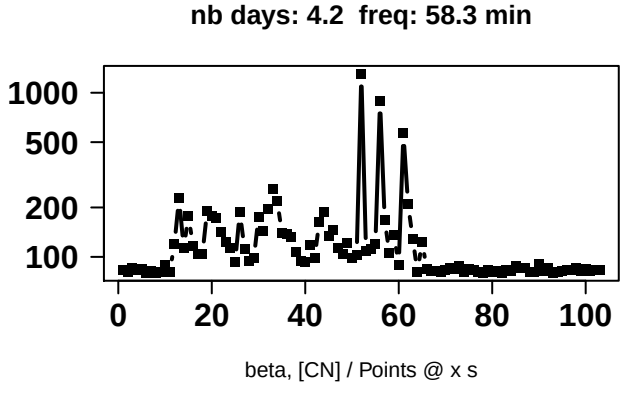

nb days: 4.4 freq: 56.3 min
140
130
120
110
100
90
80
0
20
40
60
80
100
beta, [CN] / Points @ x s

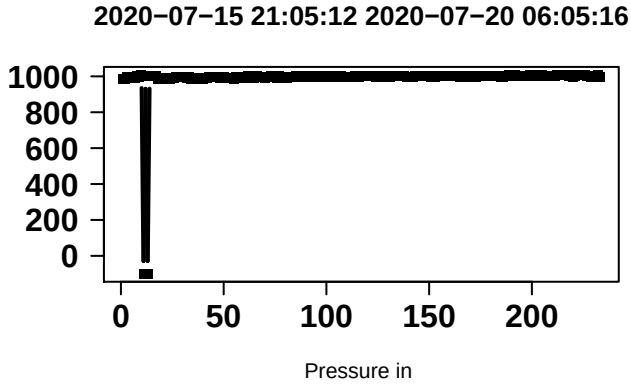

2020−07−11 04:22:24 2020−07−15 08:22:23
1000
800
600
400
200
0
0
50
100
150
200
Pressure in

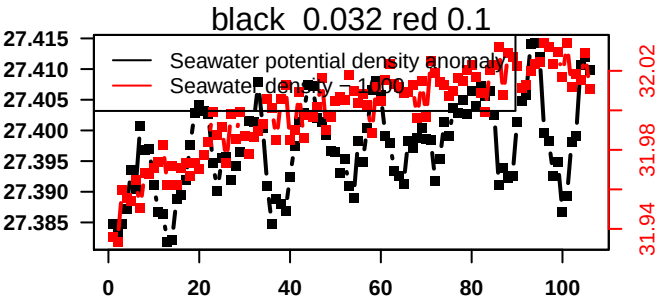

black 0.037 red 0.12
Seawater potential density anomaly
Seawater density − 1000
27.42
27.41
27.40
27.39
32.06
32.00
0
20
40
60
80
100

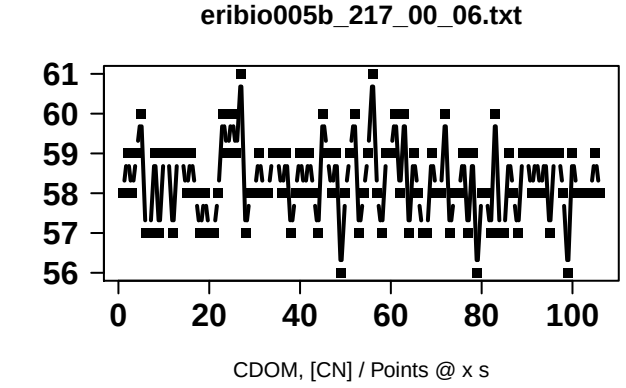

eribio005b_216_00_06.txt
61
60
59
58
57
56
0
20
40
60
80
100
CDOM, [CN] / Points @ x s

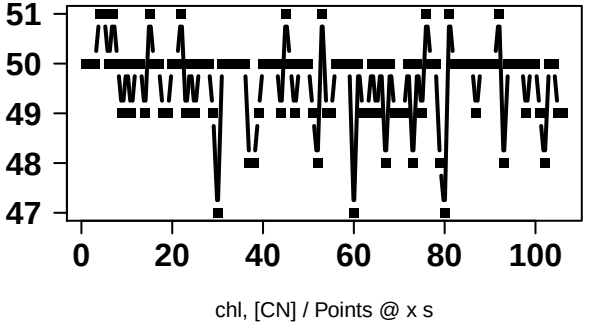

51
50
49
48
47
0
20
40
60
80
100
chl, [CN] / Points @ x s

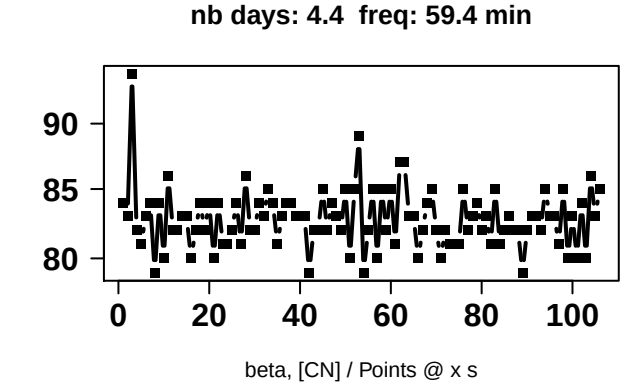

nb days: 4.2 freq: 58.3 min
1000
500
200
100
0
20
40
60
80
100
beta, [CN] / Points @ x s

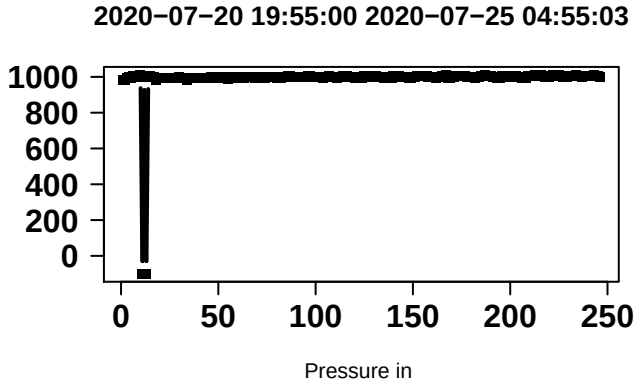

2020−07−15 21:05:12 2020−07−20 06:05:16
1000
800
600
400
200
0
0
50
100
150
200
Pressure in

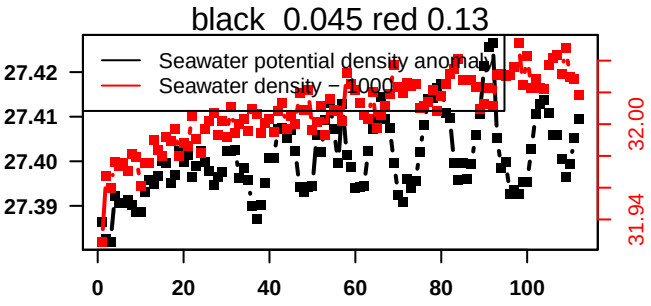

black 0.032 red 0.1
Seawater potential density anomaly
Seawater density − 1000
27.415
27.410
27.405
27.400
27.395
27.390
27.385
32.02
31.98
31.94
0
20
40
60
80
100

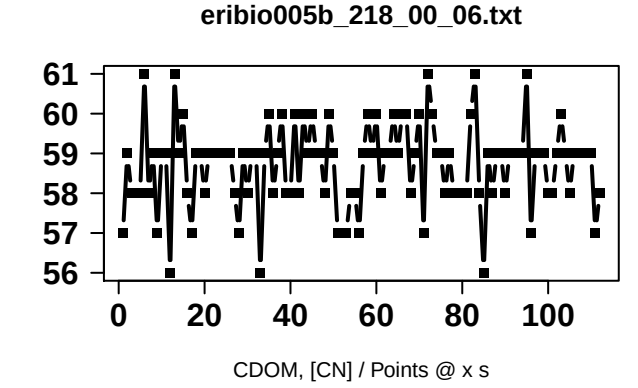

eribio005b_217_00_06.txt
61
60
59
58
57
56
0
20
40
60
80
100
CDOM, [CN] / Points @ x s

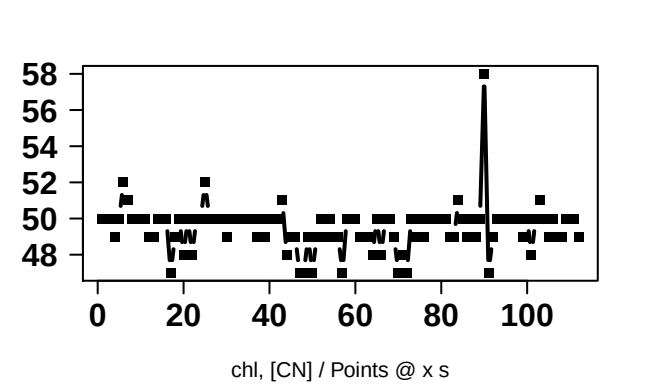

51
50
49
48
47
0
20
40
60
80
100
chl, [CN] / Points @ x s

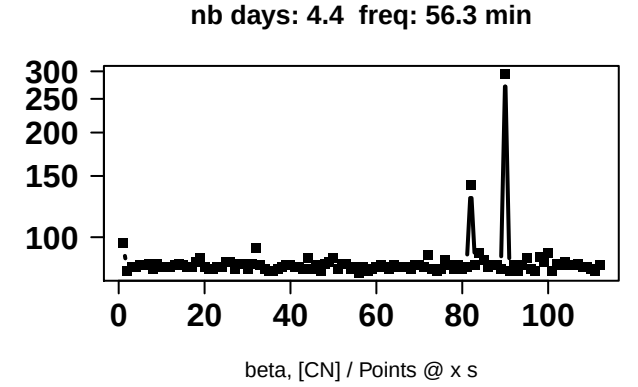

nb days: 4.4 freq: 59.4 min
90
85
80
0
20
40
60
80
100
beta, [CN] / Points @ x s

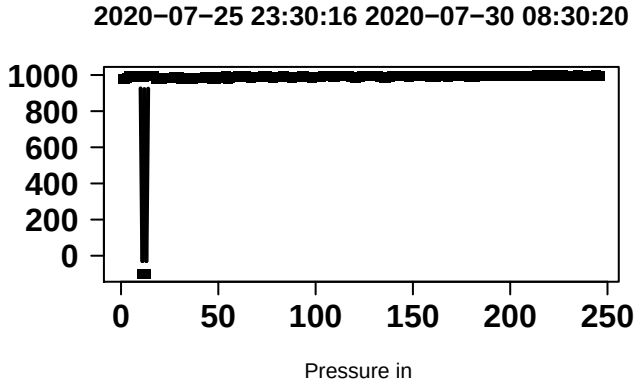

2020−07−20 19:55:00 2020−07−25 04:55:03
1000
800
600
400
200
0
0
50
100
150
200
250
Pressure in

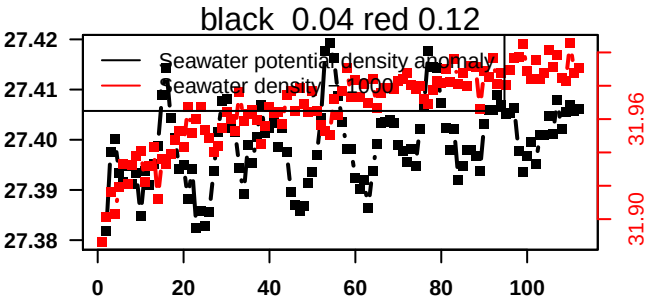

black 0.045 red 0.13
Seawater potential density anomaly
Seawater density − 1000
27.42
27.41
27.40
27.39
32.00
31.94
0
20
40
60
80
100

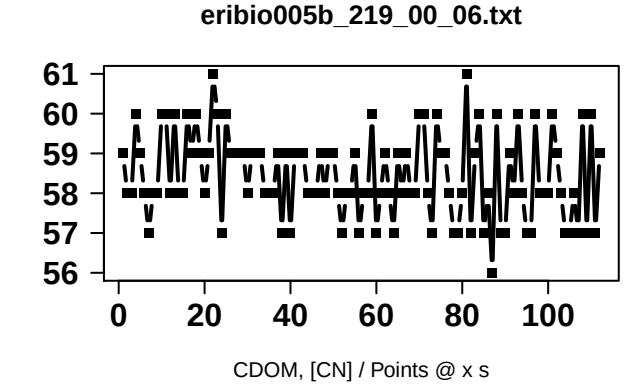

eribio005b_218_00_06.txt
61
60
59
58
57
56
0
20
40
60
80
100
CDOM, [CN] / Points @ x s

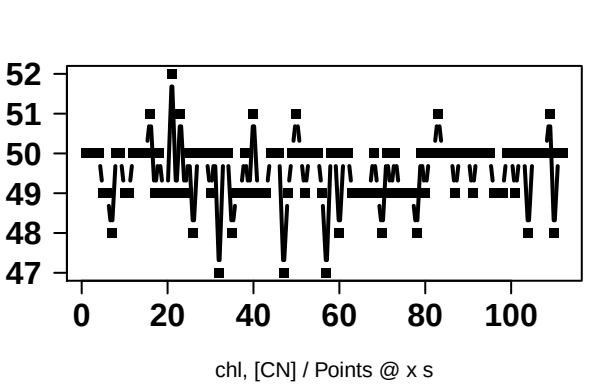

58
56
54
52
50
48
0
20
40
60
80
100
chl, [CN] / Points @ x s

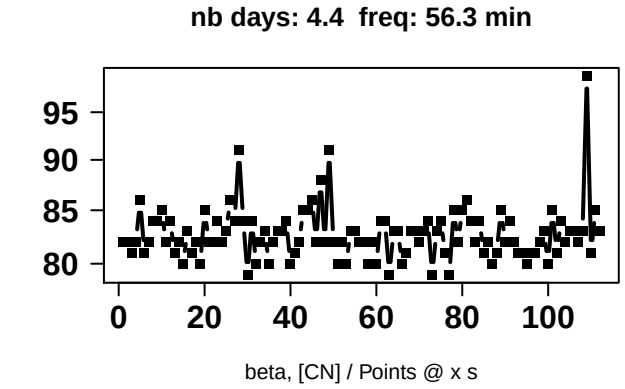

nb days: 4.4 freq: 56.3 min
300
250
200
150
100
0
20
40
60
80
100
beta, [CN] / Points @ x s

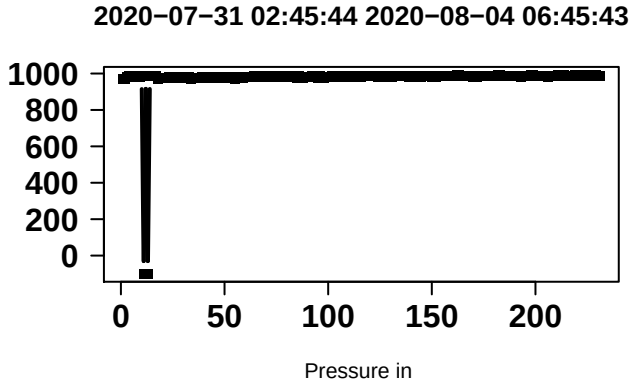

2020−07−25 23:30:16 2020−07−30 08:30:20
1000
800
600
400
200
0
0
50
100
150
200
250
Pressure in

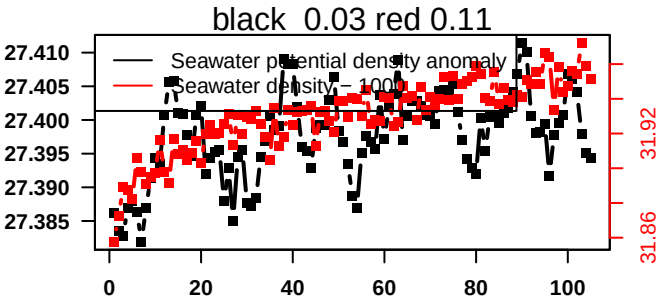

black 0.04 red 0.12
Seawater potential density anomaly
Seawater density − 1000
27.42
27.41
27.40
27.39
27.38
31.96
31.90
0
20
40
60
80
100

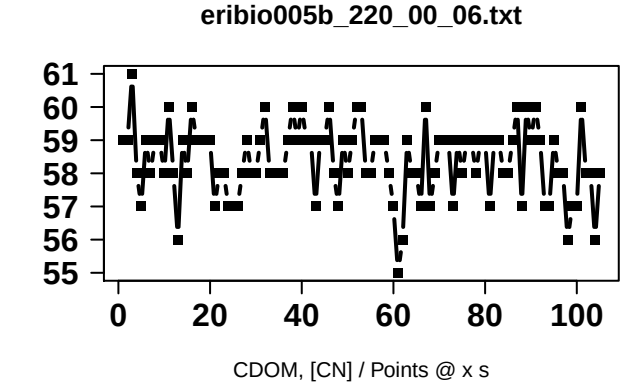

eribio005b_219_00_06.txt
61
60
59
58
57
56
0
20
40
60
80
100
CDOM, [CN] / Points @ x s

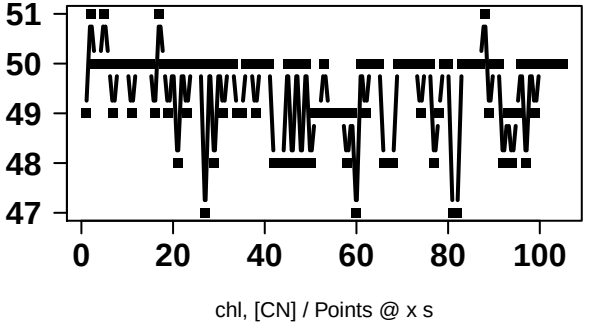

52
51
50
49
48
47
0
20
40
60
80
100
chl, [CN] / Points @ x s

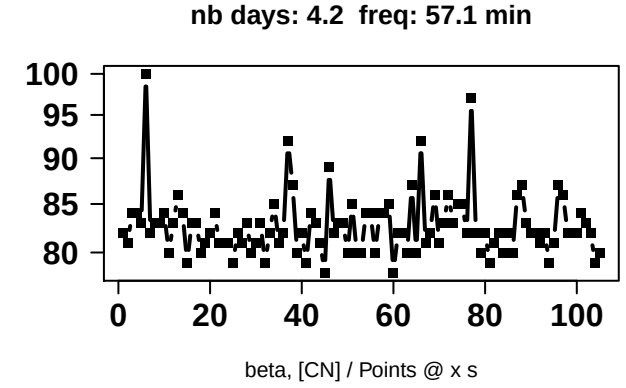

nb days: 4.4 freq: 56.3 min
95
90
85
80
0
20
40
60
80
100
beta, [CN] / Points @ x s

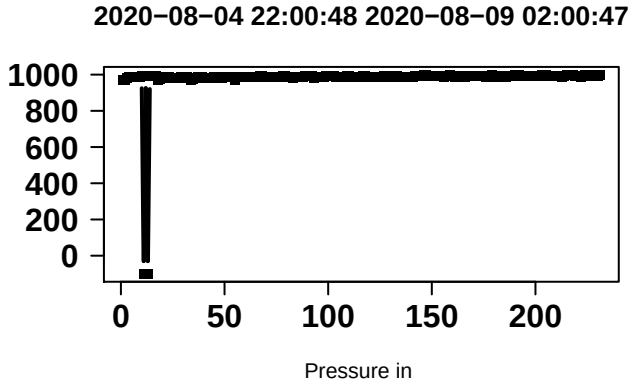

2020−07−31 02:45:44 2020−08−04 06:45:43
1000
800
600
400
200
0
0
50
100
150
200
Pressure in

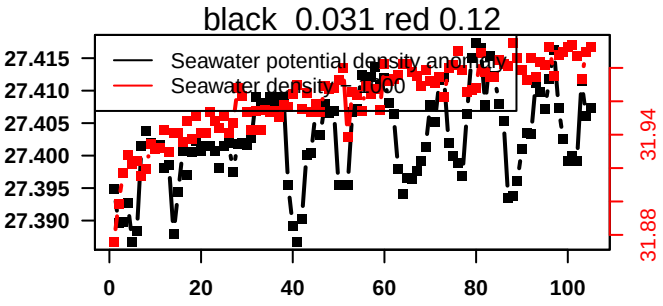

black 0.03 red 0.11
Seawater potential density anomaly
Seawater density − 1000
27.410
27.405
27.400
27.395
27.390
27.385
31.92
31.86
0
20
40
60
80
100

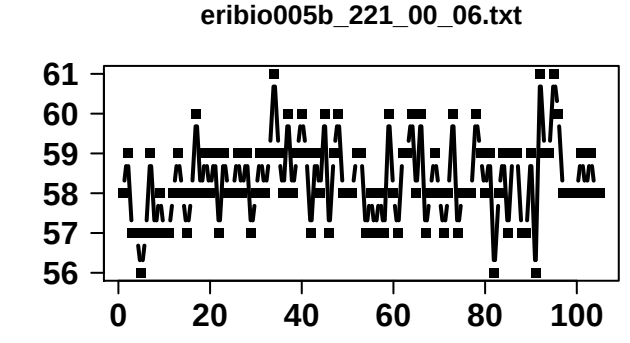

eribio005b_220_00_06.txt
61
60
59
58
57
56
55
0
20
40
60
80
100
CDOM, [CN] / Points @ x s

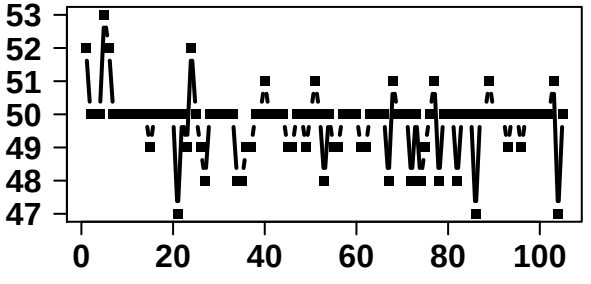

51
50
49
48
47
0
20
40
60
80
100
chl, [CN] / Points @ x s

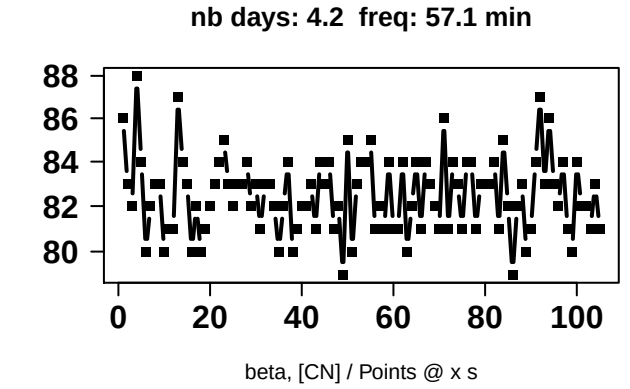

nb days: 4.2 freq: 57.1 min
100
95
90
85
80
0
20
40
60
80
100
beta, [CN] / Points @ x s

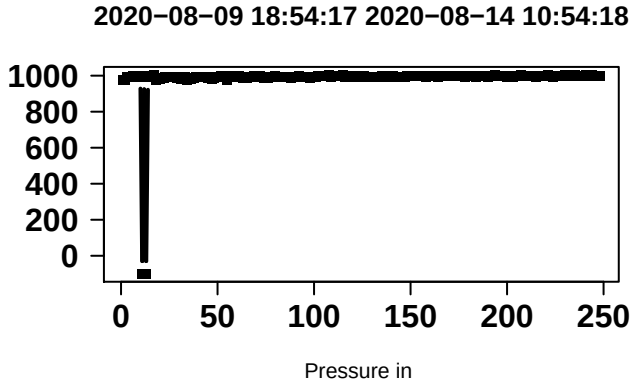

2020−08−04 22:00:48 2020−08−09 02:00:47
1000
800
600
400
200
0
0
50
100
150
200
Pressure in

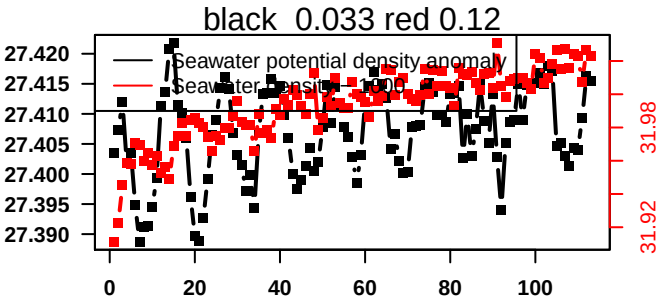

black 0.031 red 0.12
Seawater potential density anomaly
Seawater density − 1000
27.415
27.410
27.405
27.400
27.395
27.390
31.94
31.88
0
20
40
60
80
100

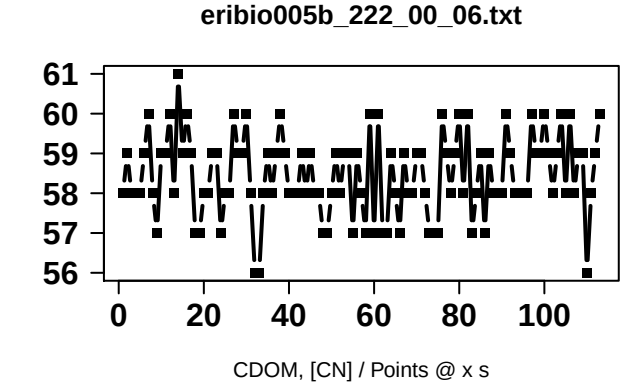

eribio005b_221_00_06.txt
61
60
59
58
57
56
0
20
40
60
80
100
CDOM, [CN] / Points @ x s

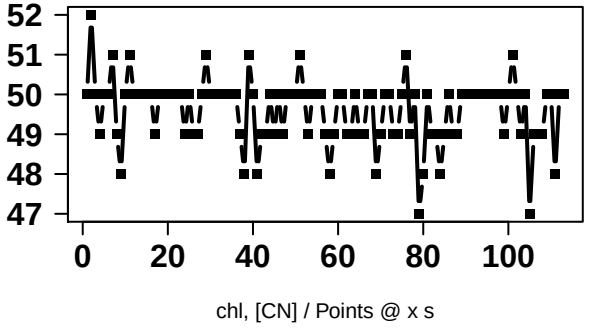

53
52
51
50
49
48
47
0
20
40
60
80
100
chl, [CN] / Points @ x s

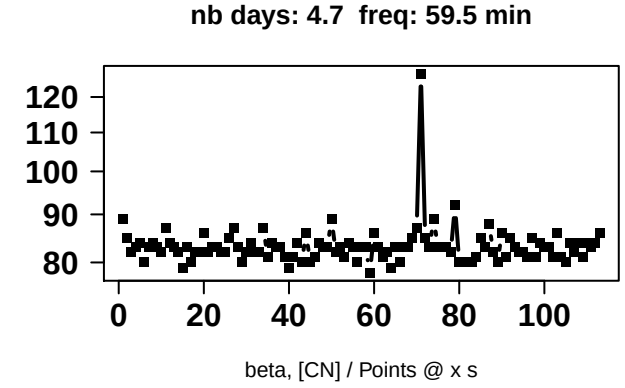

nb days: 4.2 freq: 57.1 min
88
86
84
82
80
0
20
40
60
80
100
beta, [CN] / Points @ x s

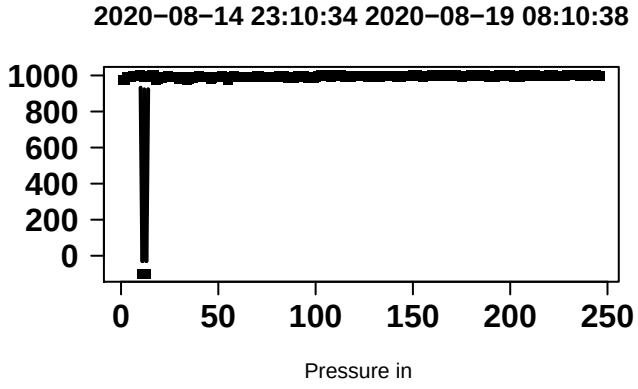

2020−08−09 18:54:17 2020−08−14 10:54:18
1000
800
600
400
200
0
0
50
100
150
200
250
Pressure in

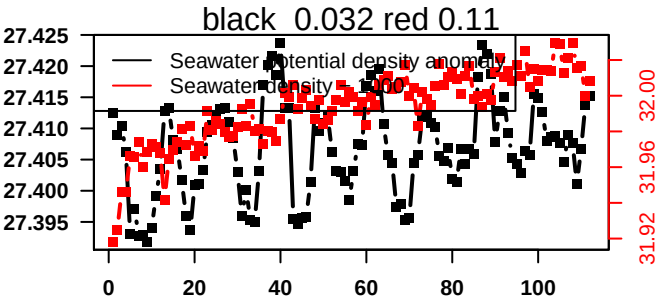

black 0.033 red 0.12
Seawater potential density anomaly
Seawater Density − 1000
27.420
27.415
27.410
27.405
27.400
27.395
27.390
31.98
31.92
0
20
40
60
80
100

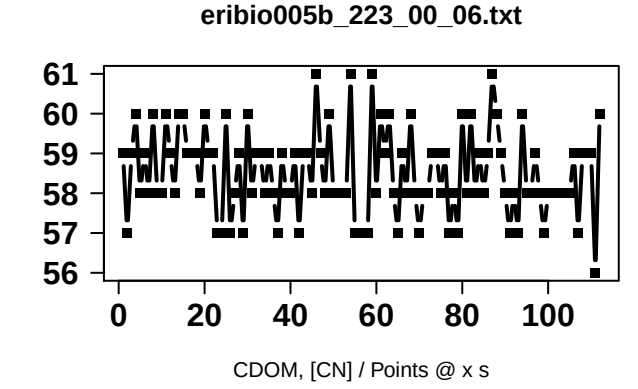

eribio005b_222_00_06.txt
61
60
59
58
57
56
0
20
40
60
80
100
CDOM, [CN] / Points @ x s

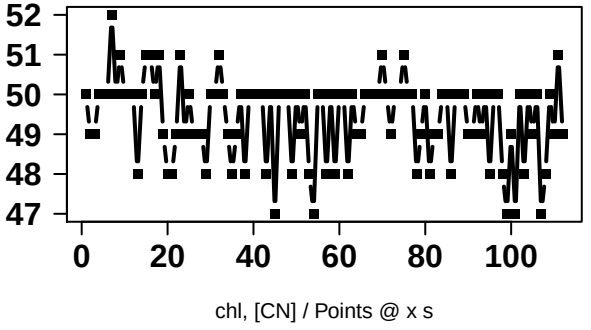

52
51
50
49
48
47
0
20
40
60
80
100
chl, [CN] / Points @ x s

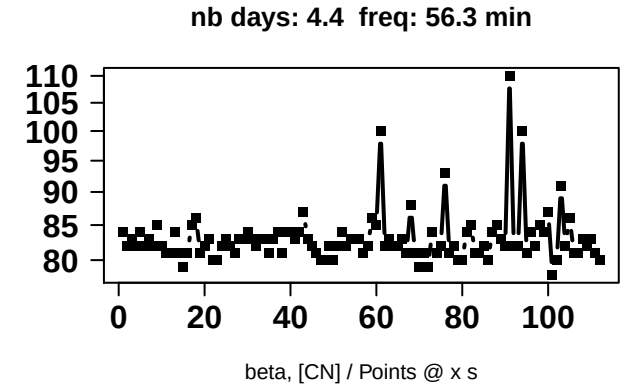

nb days: 4.7 freq: 59.5 min
120
110
100
90
80
0
20
40
60
80
100
beta, [CN] / Points @ x s

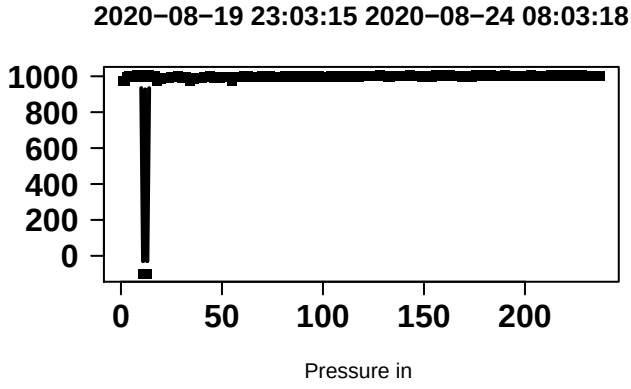

2020−08−14 23:10:34 2020−08−19 08:10:38
1000
800
600
400
200
0
0
50
100
150
200
250
Pressure in

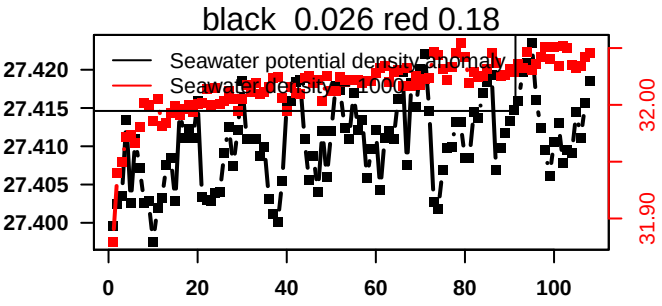

black 0.032 red 0.11
27.425
27.420
27.415
27.410
27.405
27.400
27.395
Seawater potential density anomaly
Seawater density
0
20
40
60
80
100
31.92
31.96
32.00

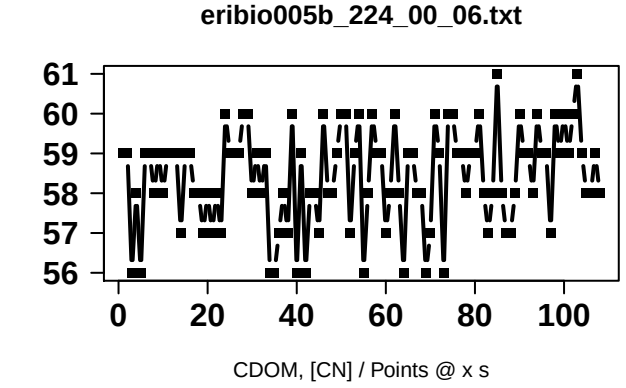

eribio005b_223_00_06.txt
61
60
59
58
57
56
0
20
40
60
80
100
CDOM, [CN] / Points @ x s

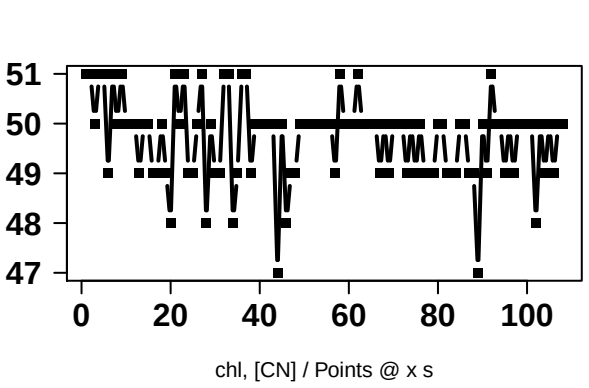

52
51
50
49
48
47
0
20
40
60
80
100
chl, [CN] / Points @ x s

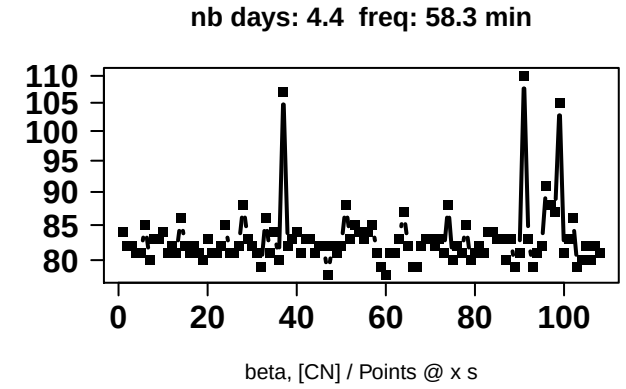

nb days: 4.4 freq: 56.3 min
110
105
100
95
90
85
80
0
20
40
60
80
100
beta, [CN] / Points @ x s

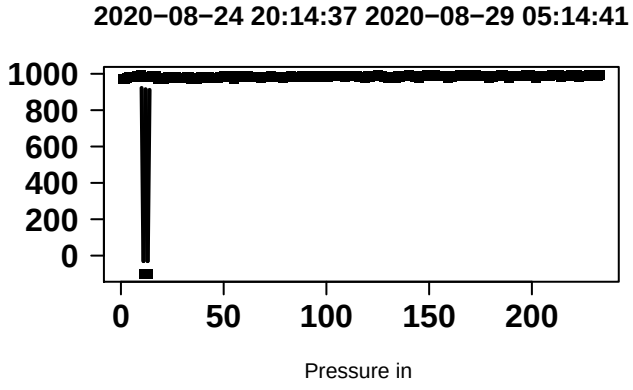

2020−08−19 23:03:15 2020−08−24 08:03:18
1000
800
600
400
200
0
0
50
100
150
200
Pressure in

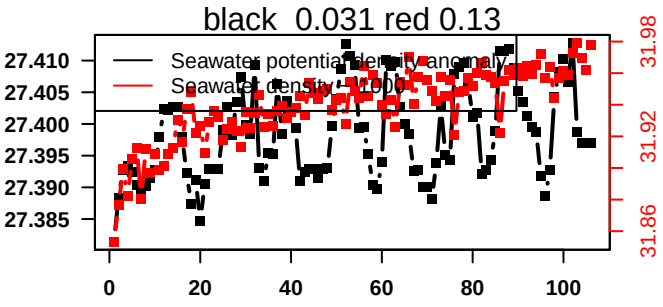

black 0.026 red 0.18
Seawater potential density anomaly
Seawater density − 1000
27.420
27.415
27.410
27.405
27.400
32.00
31.90
0
20
40
60
80
100

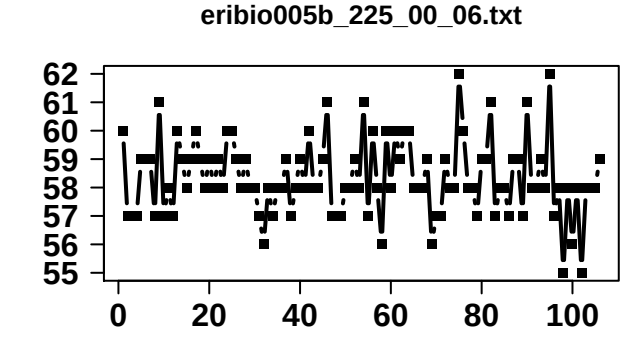

eribio005b_224_00_06.txt
61
60
59
58
57
56
0
20
40
60
80
100
CDOM, [CN] / Points @ x s

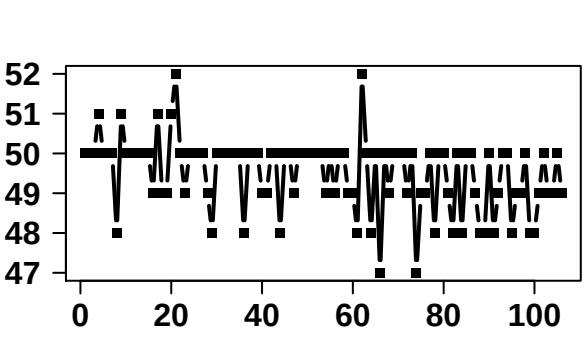

51
50
49
48
47
0
20
40
60
80
100
chl, [CN] / Points @ x s

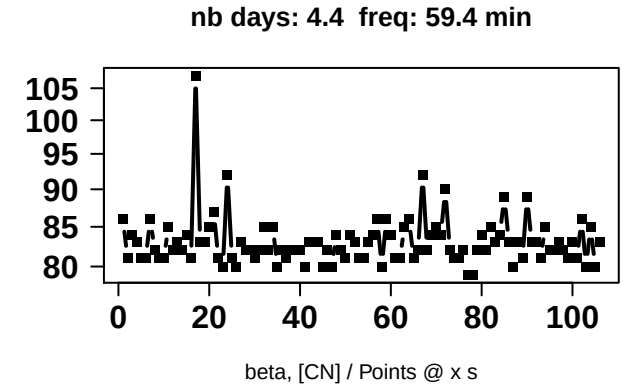

nb days: 4.4 freq: 58.3 min
110
105
100
95
90
85
80
0
20
40
60
80
100
beta, [CN] / Points @ x s

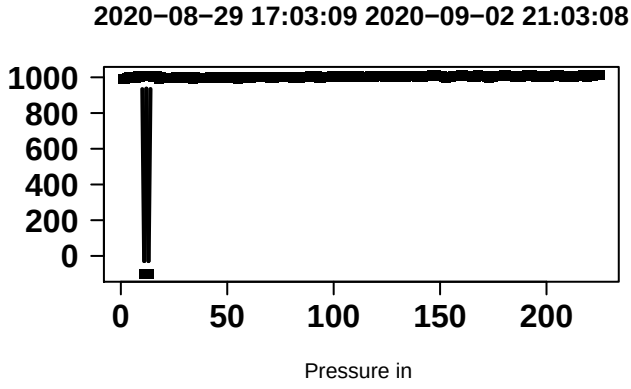

2020−08−24 20:14:37 2020−08−29 05:14:41
1000
800
600
400
200
0
0
50
100
150
200
Pressure in

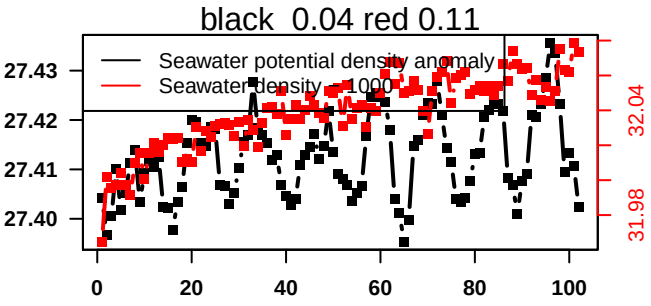

black 0.031 red 0.13
Seawater potential density anomaly
Seawater density − 1000
27.410
27.405
27.400
27.395
27.390
27.385
31.98
31.92
31.86
0
20
40
60
80
100

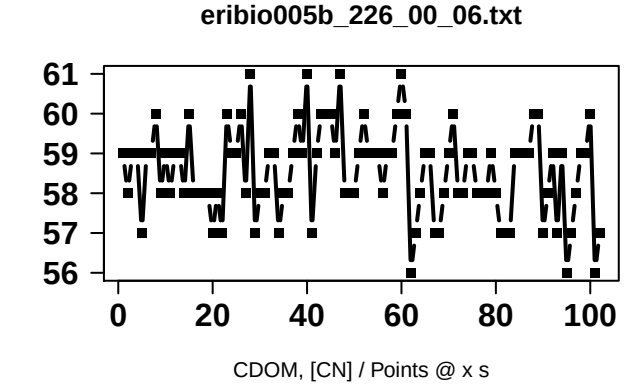

eribio005b_225_00_06.txt
62
61
60
59
58
57
56
55
0
20
40
60
80
100
CDOM, [CN] / Points @ x s

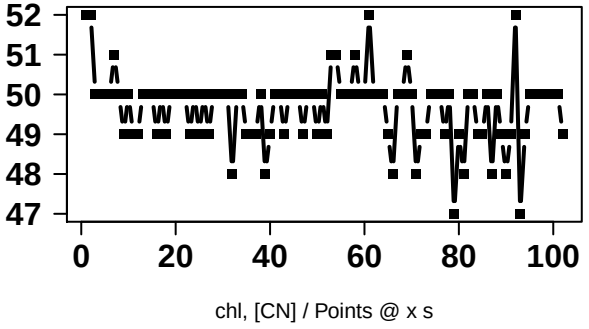

52
51
50
49
48
47
0
20
40
60
80
100
chl, [CN] / Points @ x s

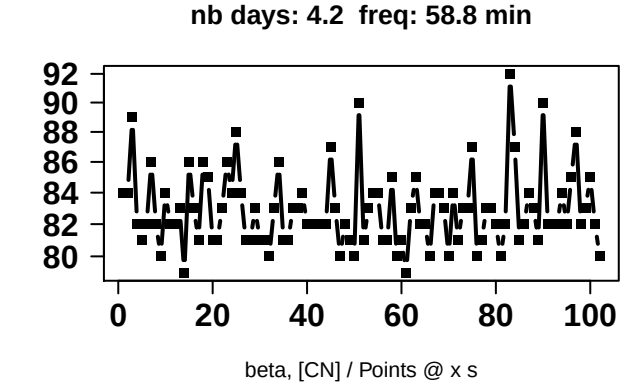

nb days: 4.4 freq: 59.4 min
105
100
95
90
85
80
0
20
40
60
80
100
beta, [CN] / Points @ x s

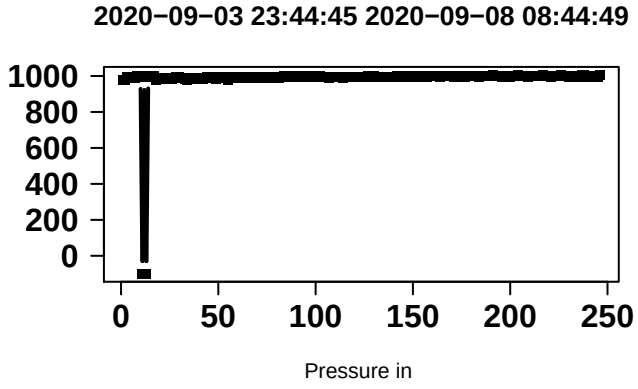

2020−08−29 17:03:09 2020−09−02 21:03:08
1000
800
600
400
200
0
0
50
100
150
200
Pressure in

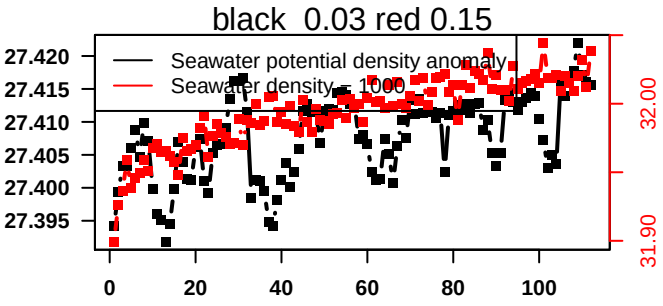

black 0.04 red 0.11
Seawater potential density anomaly
Seawater density − 1000
27.43
27.42
27.41
27.40
32.04
31.98
0
20
40
60
80
100

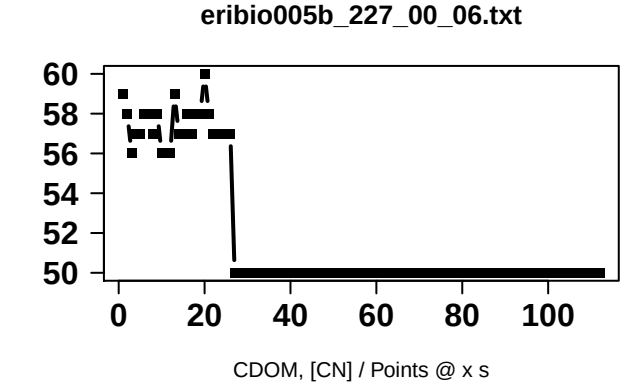

eribio005b_226_00_06.txt
61
60
59
58
57
56
0
20
40
60
80
100
CDOM, [CN] / Points @ x s

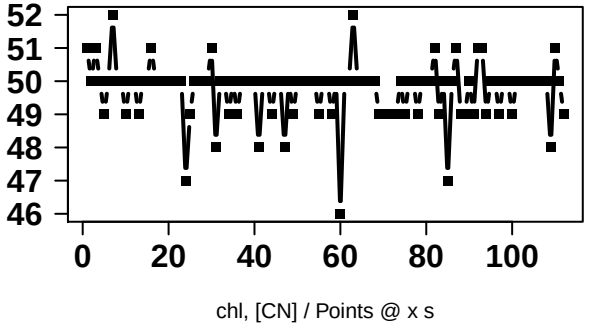

52
51
50
49
48
47
0
20
40
60
80
100
chl, [CN] / Points @ x s

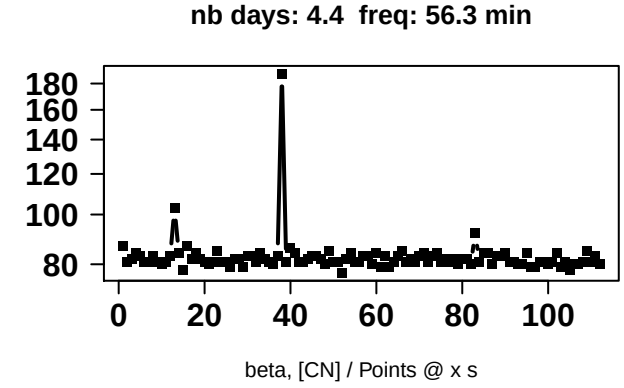

nb days: 4.2 freq: 58.8 min
92
90
88
86
84
82
80
0
20
40
60
80
100
beta, [CN] / Points @ x s

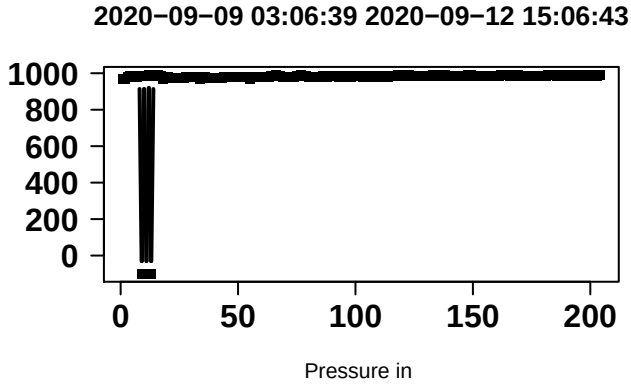

2020−09−03 23:44:45 2020−09−08 08:44:49
1000
800
600
400
200
0
0
50
100
150
200
250
Pressure in

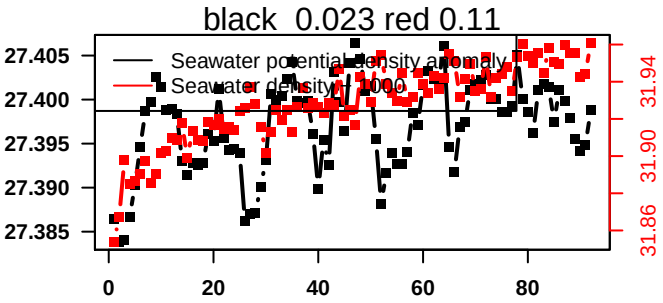

black 0.03 red 0.15
Seawater potential density anomaly
Seawater density − 1000
27.420
27.415
27.410
27.405
27.400
27.395
0
20
40
60
80
100
32.00
31.90

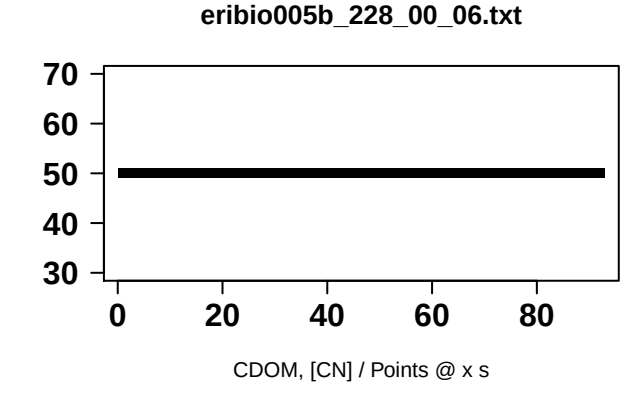

eribio005b_227_00_06.txt
60
58
56
54
52
50
0
20
40
60
80
100
CDOM, [CN] / Points @ x s

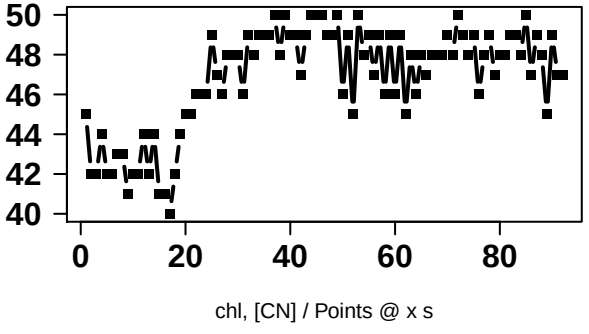

52
51
50
49
48
47
46
0
20
40
60
80
100
chl, [CN] / Points @ x s

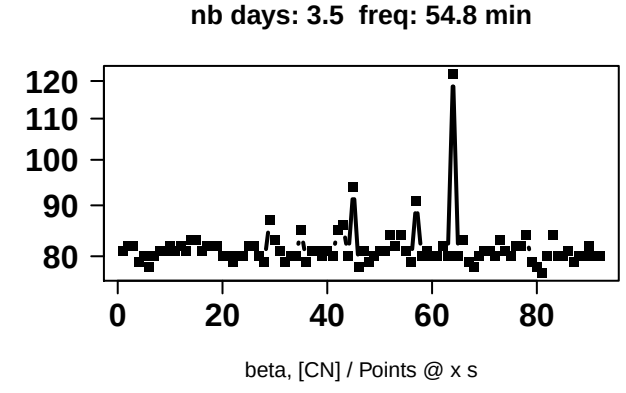

nb days: 4.4 freq: 56.3 min
180
160
140
120
100
80
0
20
40
60
80
100
beta, [CN] / Points @ x s


2020−09−09 03:06:39 2020−09−12 15:06:43
1000
800
600
400
200
0
0
50
100
150
200
Pressure in


black 0.023 red 0.11
Seawater potential density anomaly (T
Seawater density (T, 2000)
27.405
27.400
27.395
27.390
27.385
31.94
31.90
31.86
0
20
40
60
80


eribio005b_228_00_06.txt
70
60
50
40
30
0
20
40
60
80
CDOM, [CN] / Points @ x s


50
48
46
44
42
40
0
20
40
60
80
chl, [CN] / Points @ x s


nb days: 3.5 freq: 54.8 min
120
110
100
90
80
0
20
40
60
80
beta, [CN] / Points @ x s