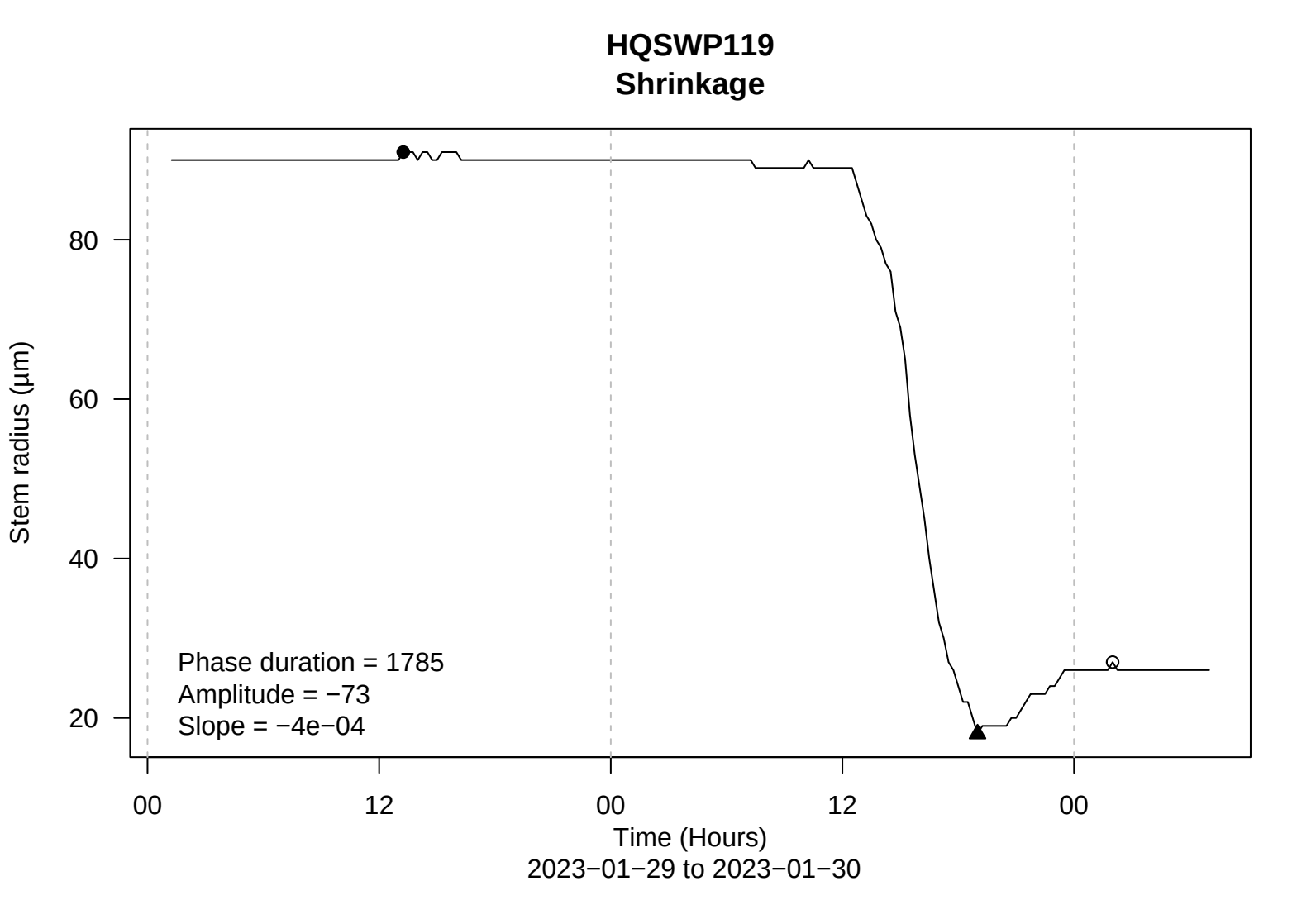
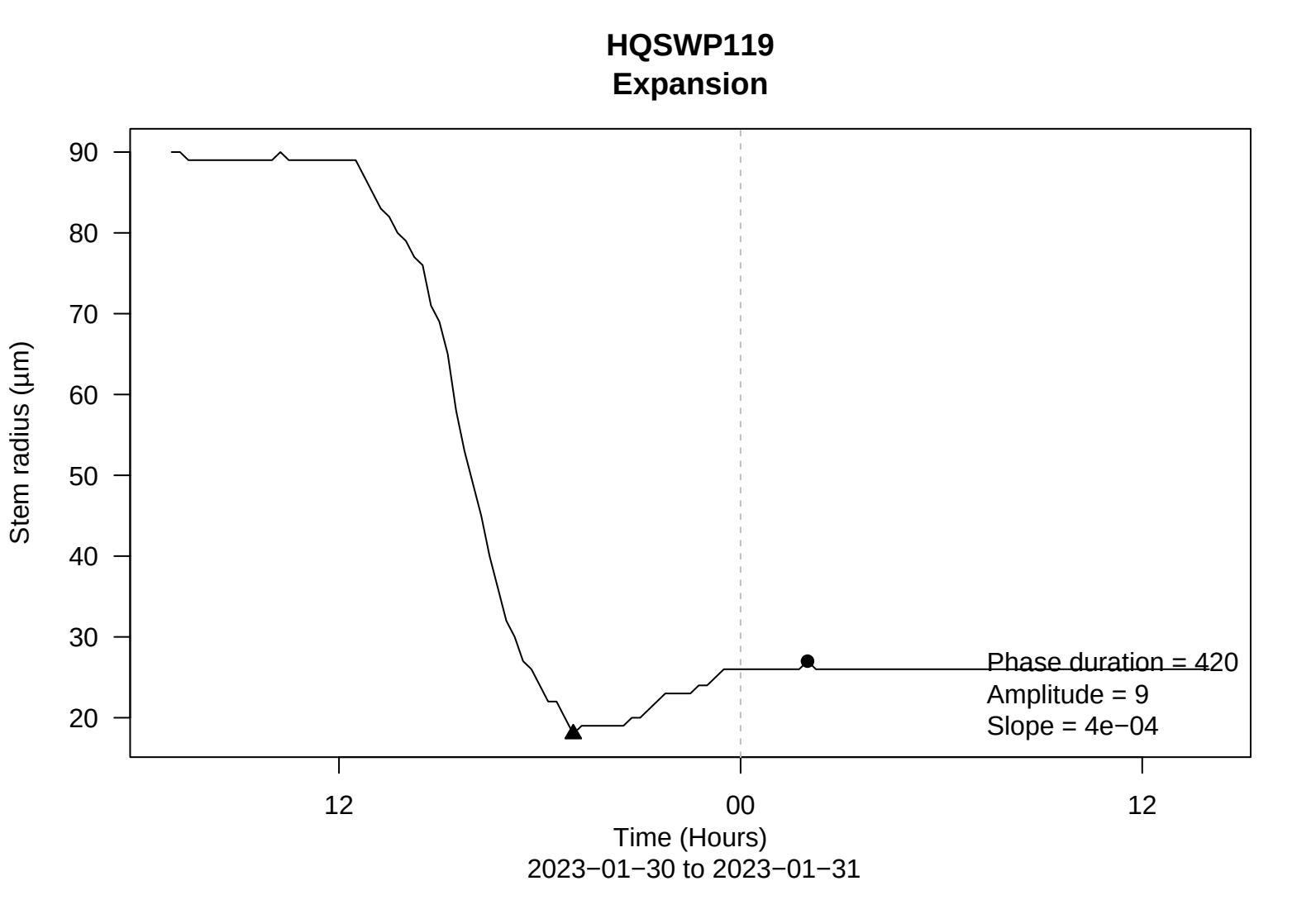
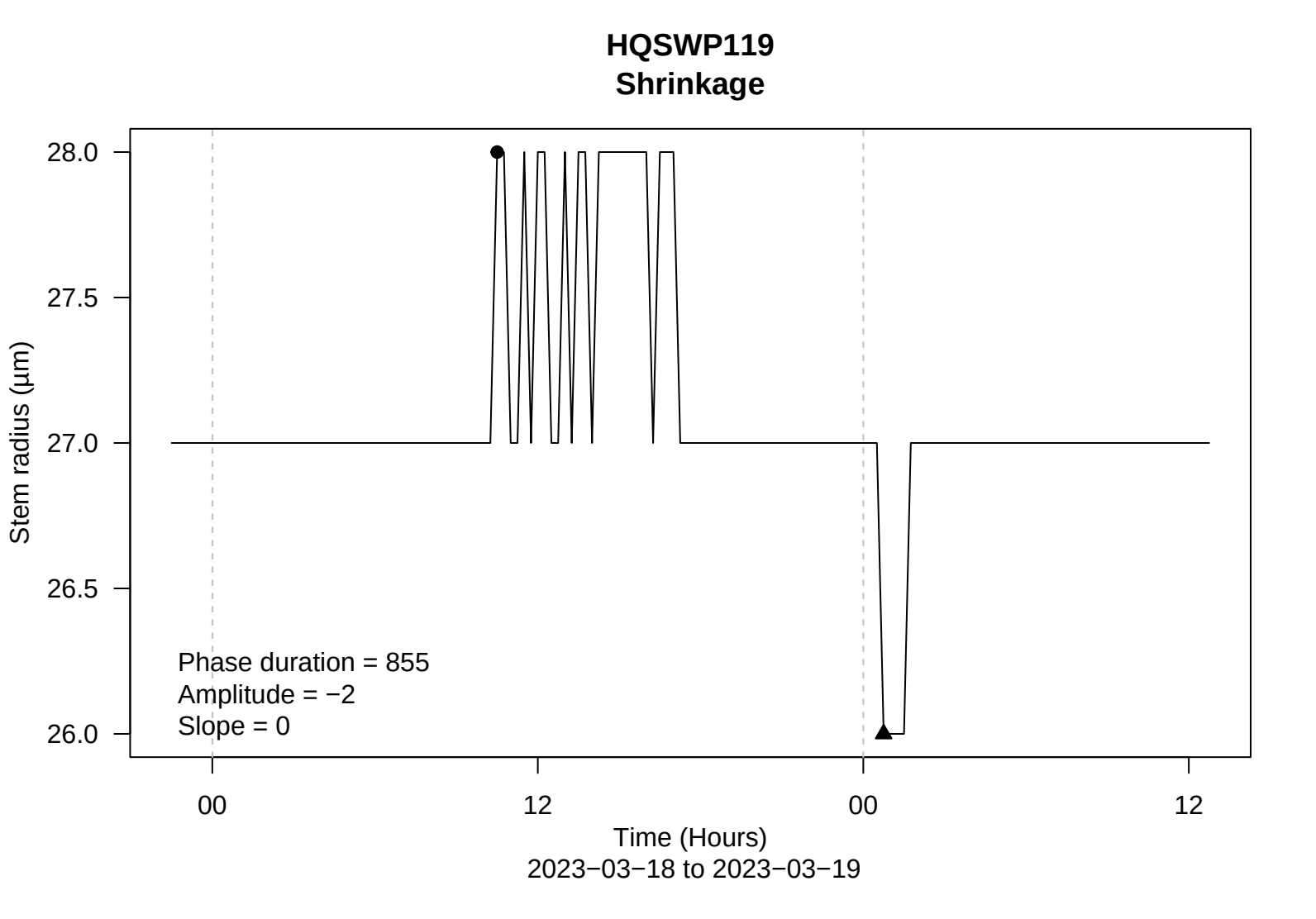
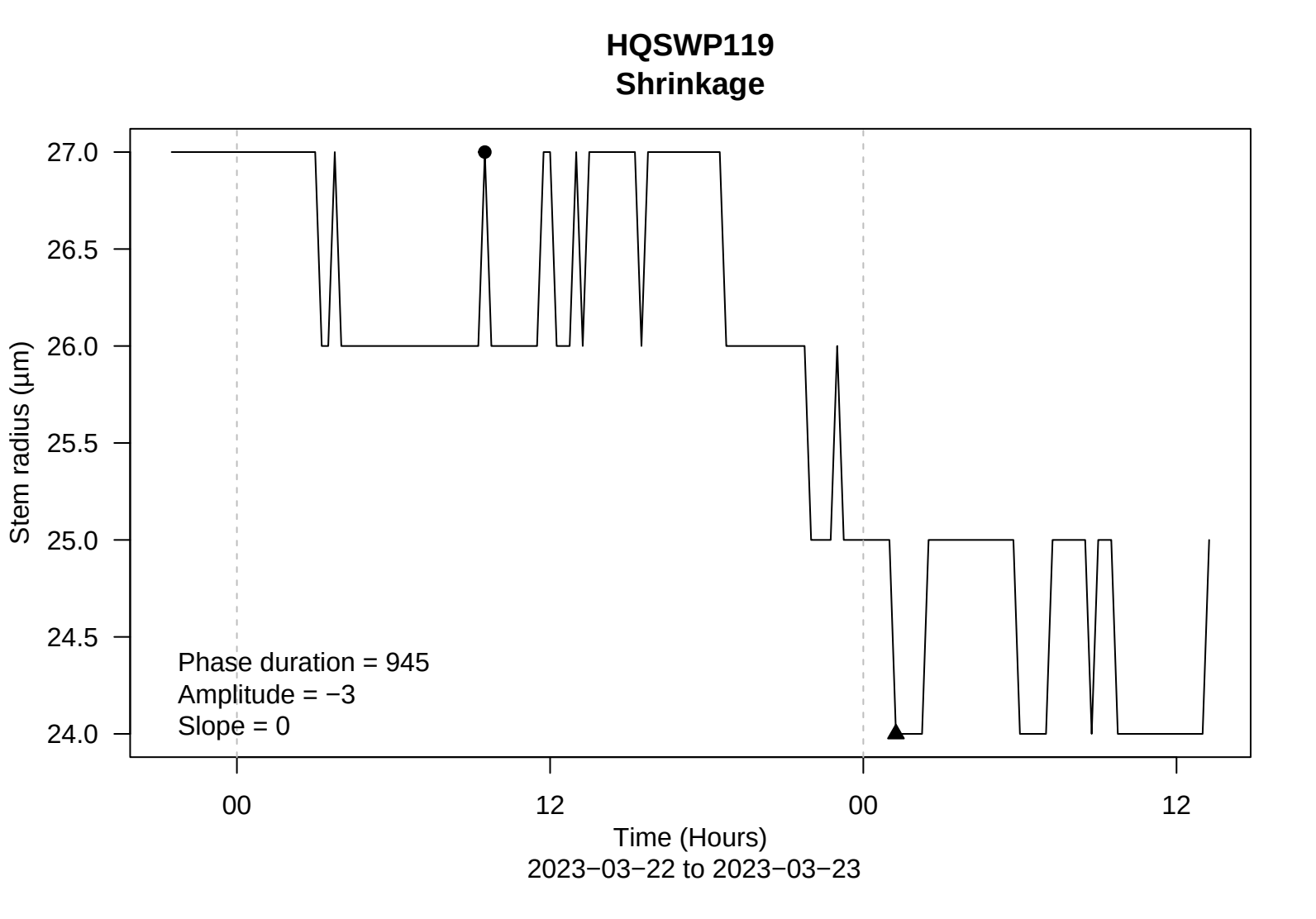
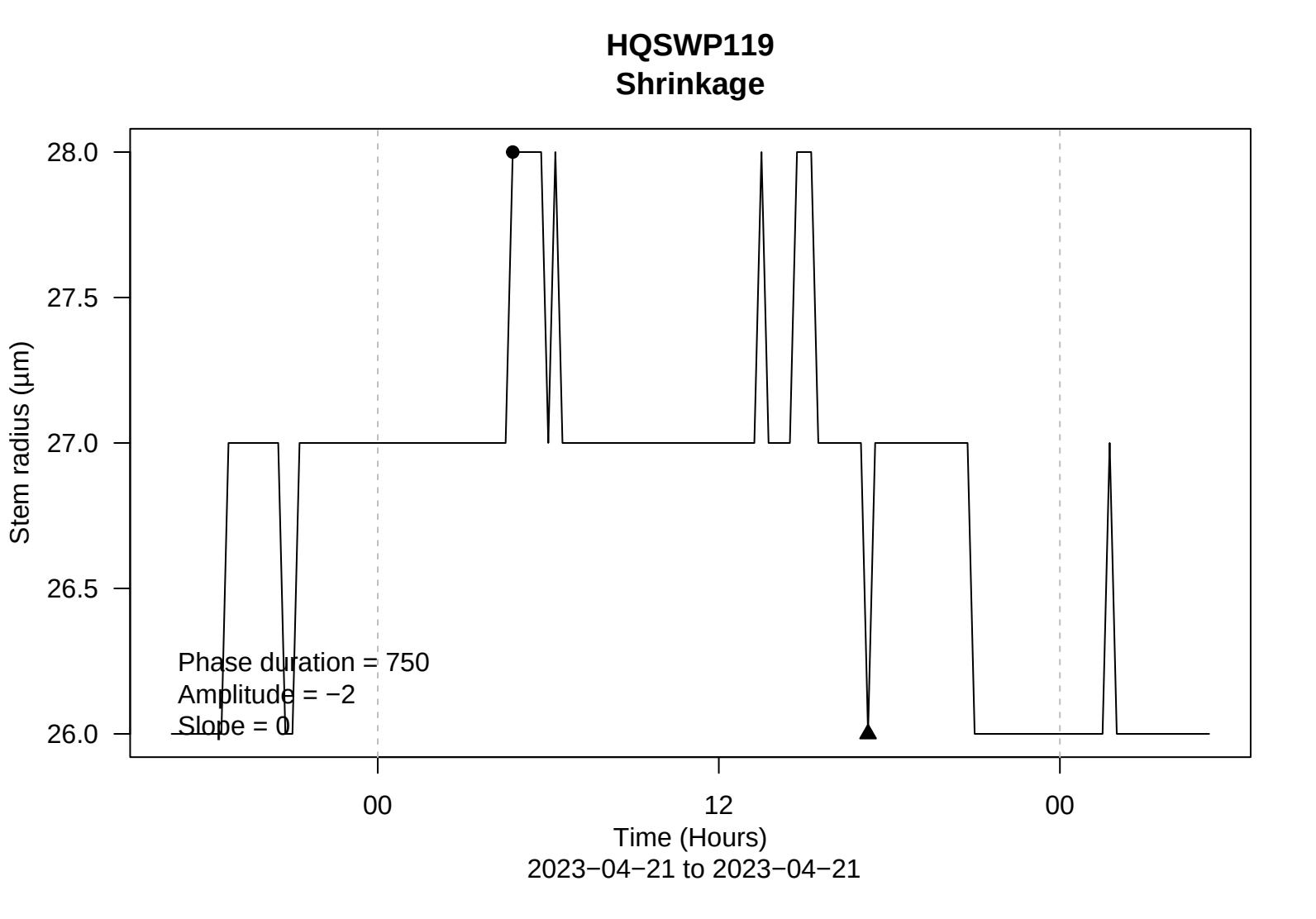
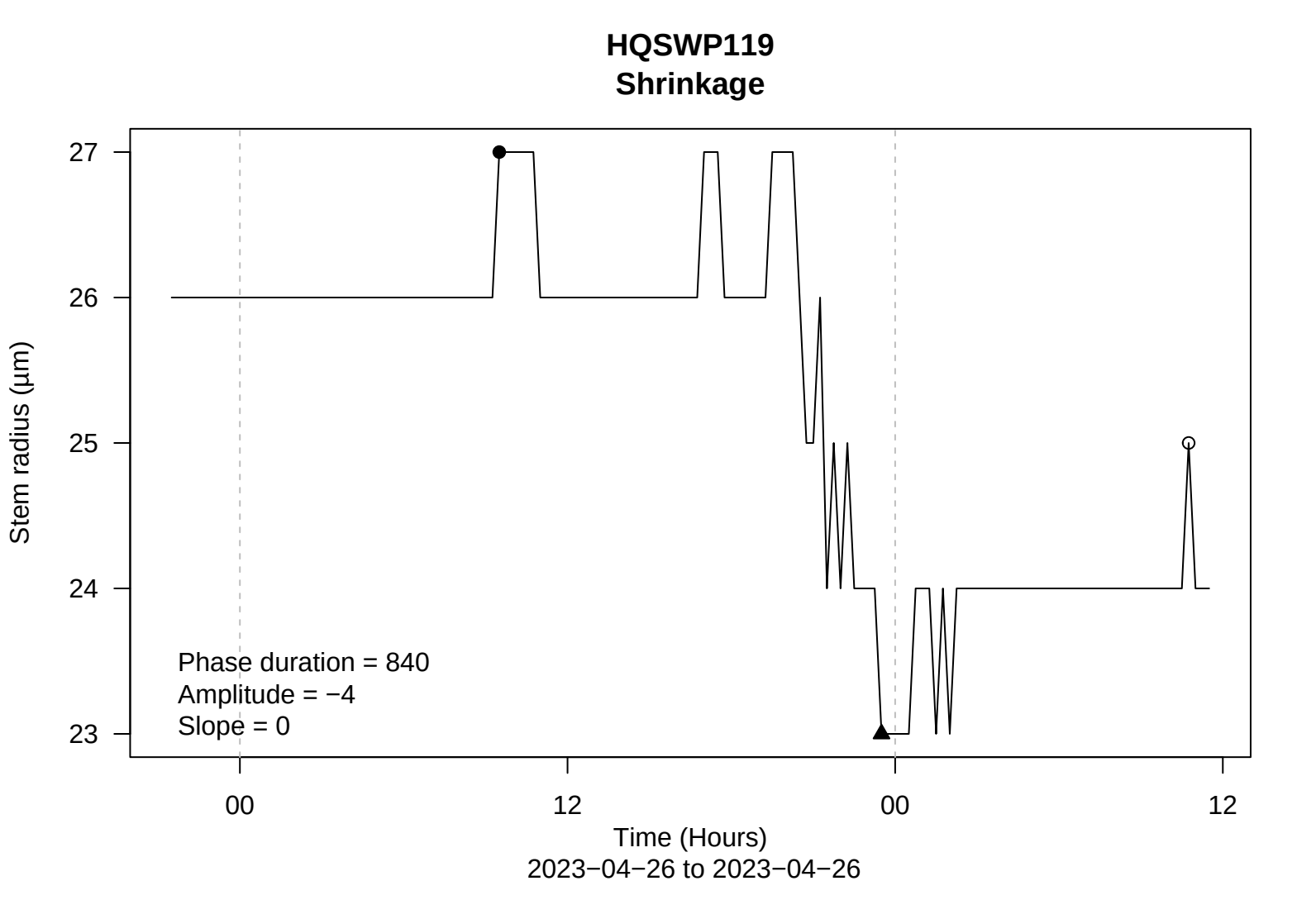

HQSWP119
Shrinkage
Stem radius (µm)
80
60
40
20
Phase duration = 1785
Amplitude = −73
Slope = −4e−04
00
12
00
12
00
Time (Hours)
2023−01−29 to 2023−01−30

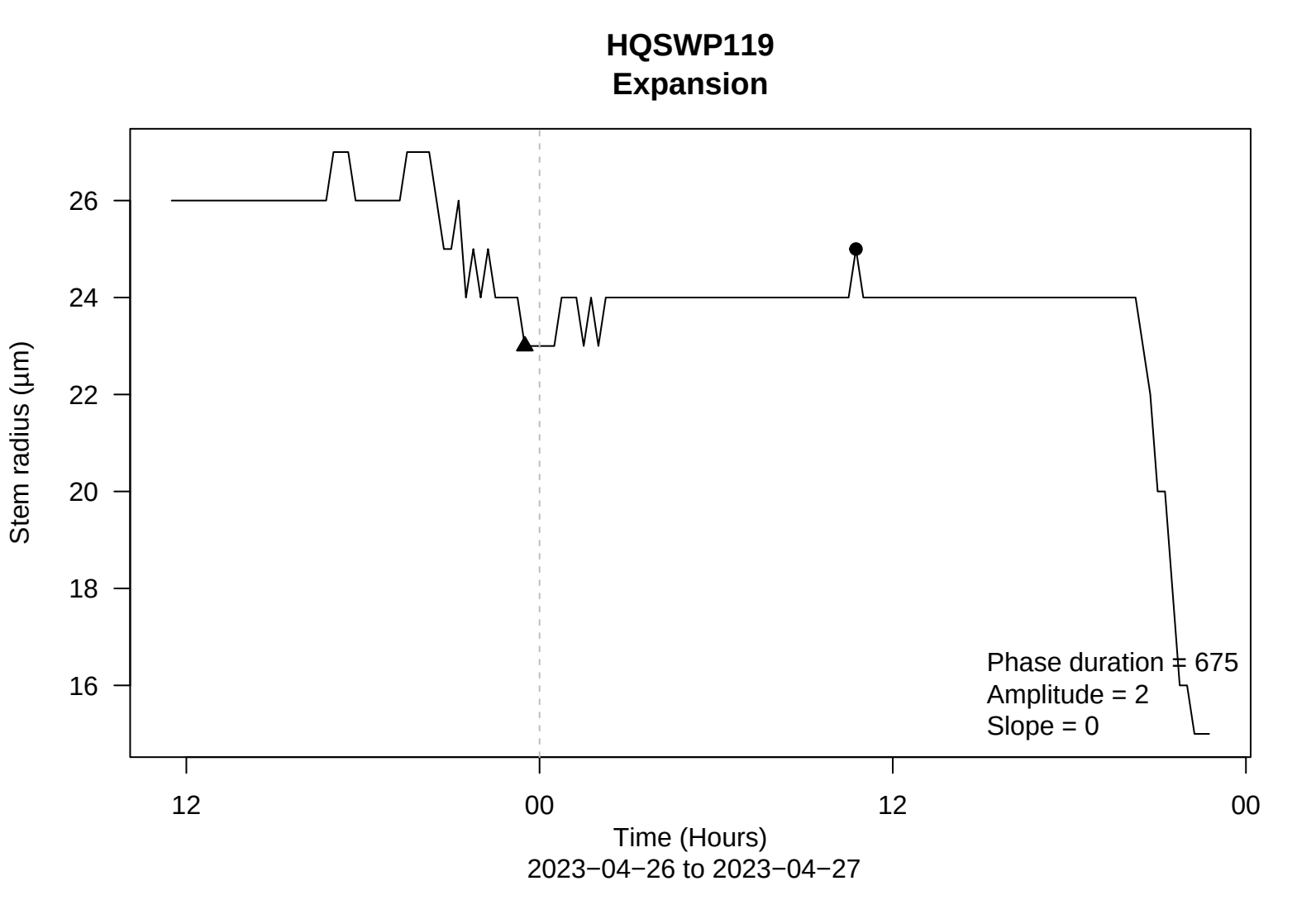

HQSWP119
Expansion
Stem radius (µm)
90
80
70
60
50
40
30
20
12
00
12
Time (Hours)
2023−01−30 to 2023−01−31
Phase duration = 420
Amplitude = 9
Slope = 4e−04

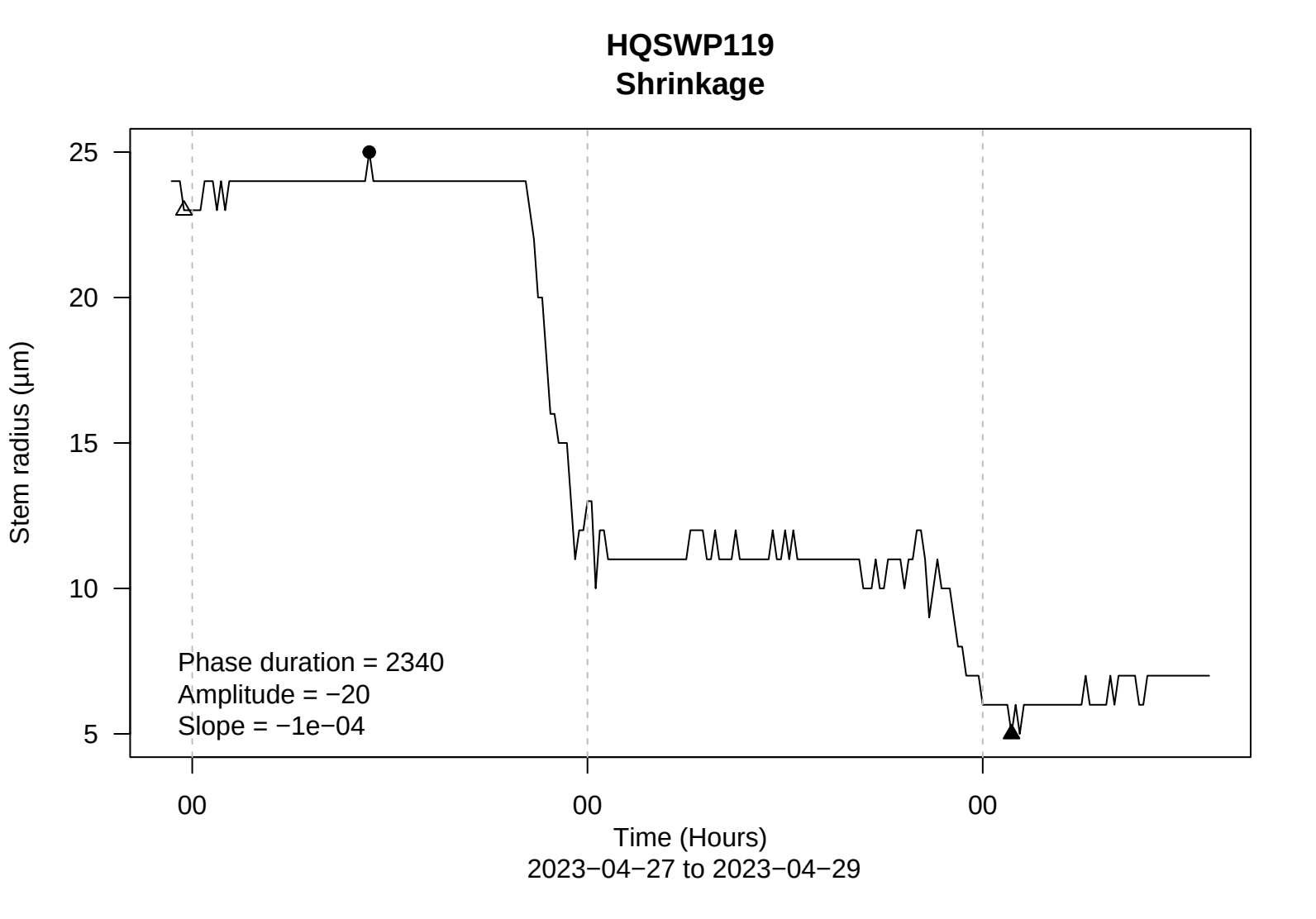

HQSWP119
Shrinkage
28.0
27.5
27.0
26.5
26.0
Stem radius (µm)
Phase duration = 855
Amplitude = −2
Slope = 0
00
12
00
12
Time (Hours)
2023−03−18 to 2023−03−19

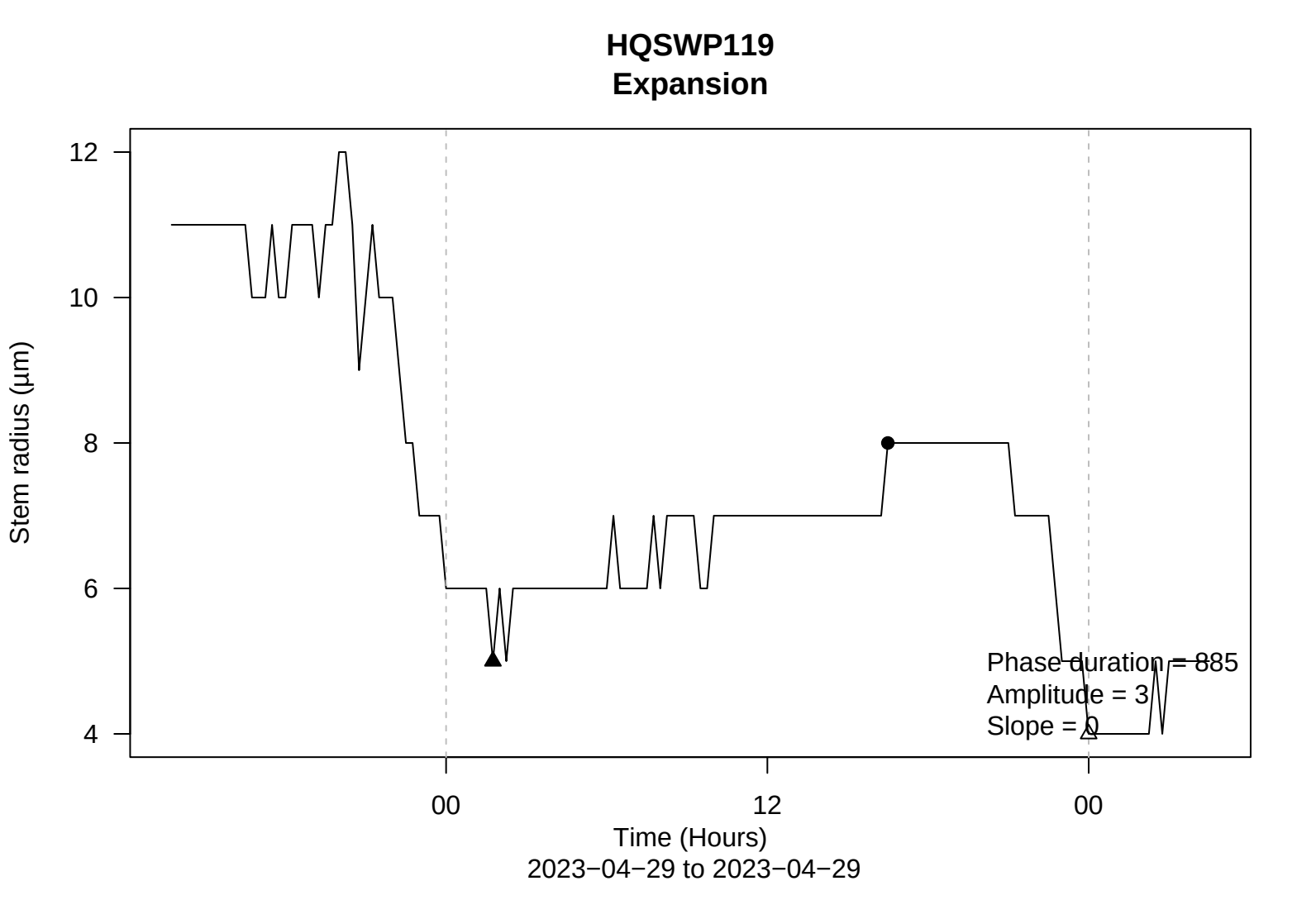

HQSWP119
Shrinkage
27.0
26.5
26.0
25.5
25.0
24.5
24.0
Stem radius (µm)
Phase duration = 945
Amplitude = −3
Slope = 0
00
12
00
12
Time (Hours)
2023−03−22 to 2023−03−23

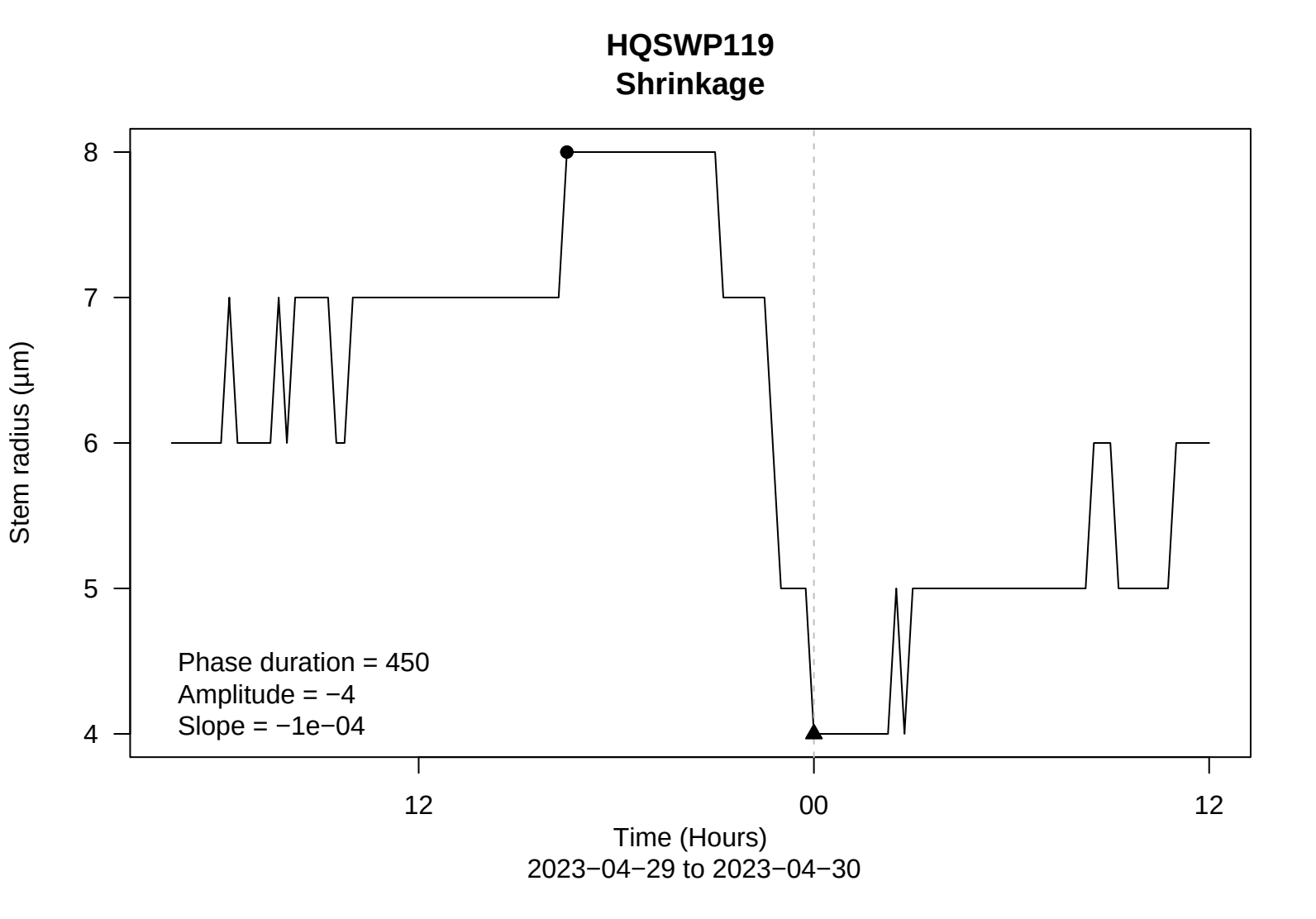

HQSWP119
Shrinkage
28.0
27.5
27.0
26.5
26.0
Stem radius (µm)
Phase duration = 750
Amplitude = −2
Slope = 0
00
12
00
Time (Hours)
2023−04−21 to 2023−04−21

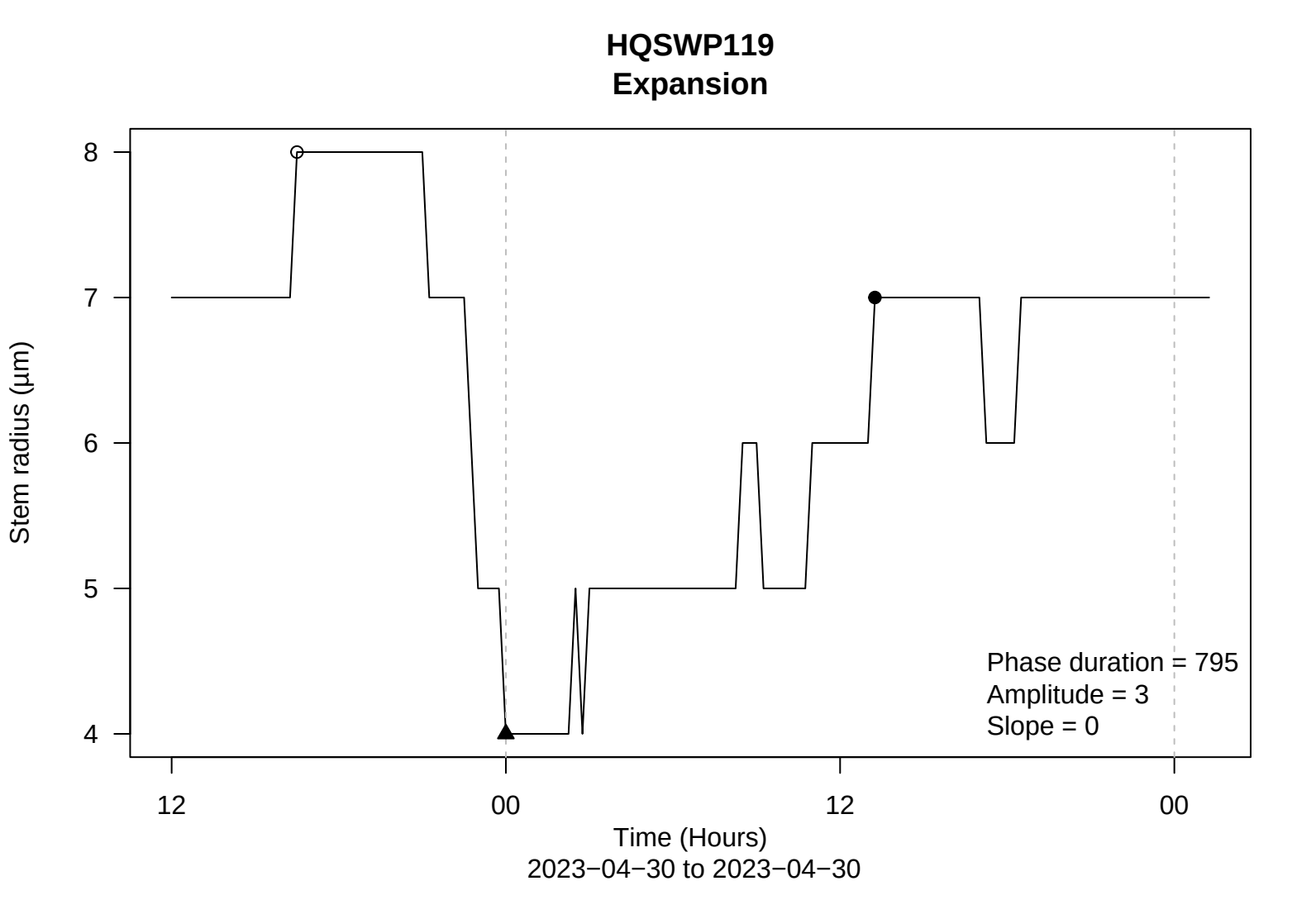

HQSWP119
Shrinkage
27
26
25
24
23
Stem radius (µm)
Phase duration = 840
Amplitude = −4
Slope = 0
00
12
00
12
Time (Hours)
2023−04−26 to 2023−04−26

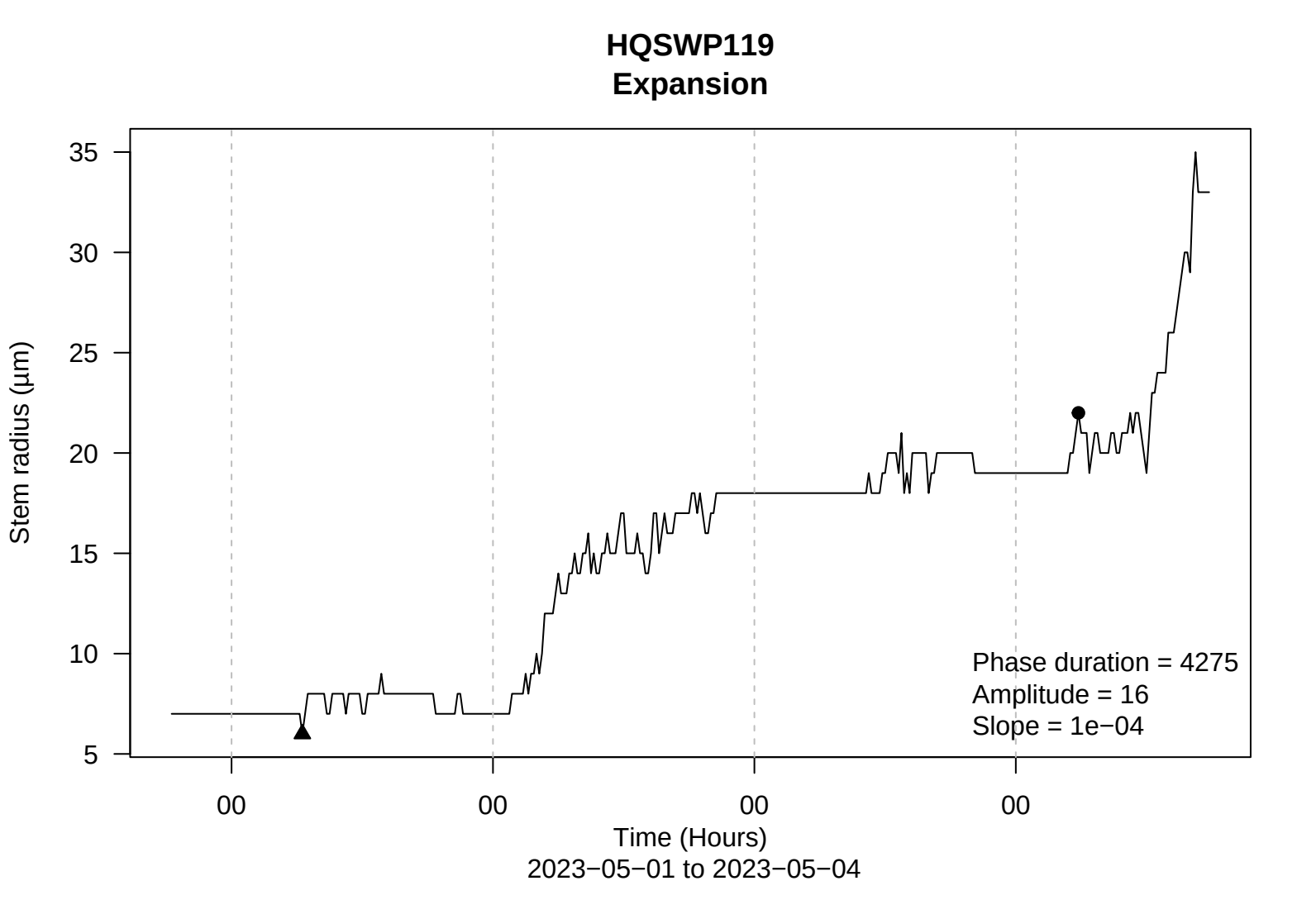

HQSWP119
Expansion
Stem radius (µm)
26
24
22
20
18
16
12
00
12
00
Time (Hours)
2023−04−26 to 2023−04−27
Phase duration = 675
Amplitude = 2
Slope = 0

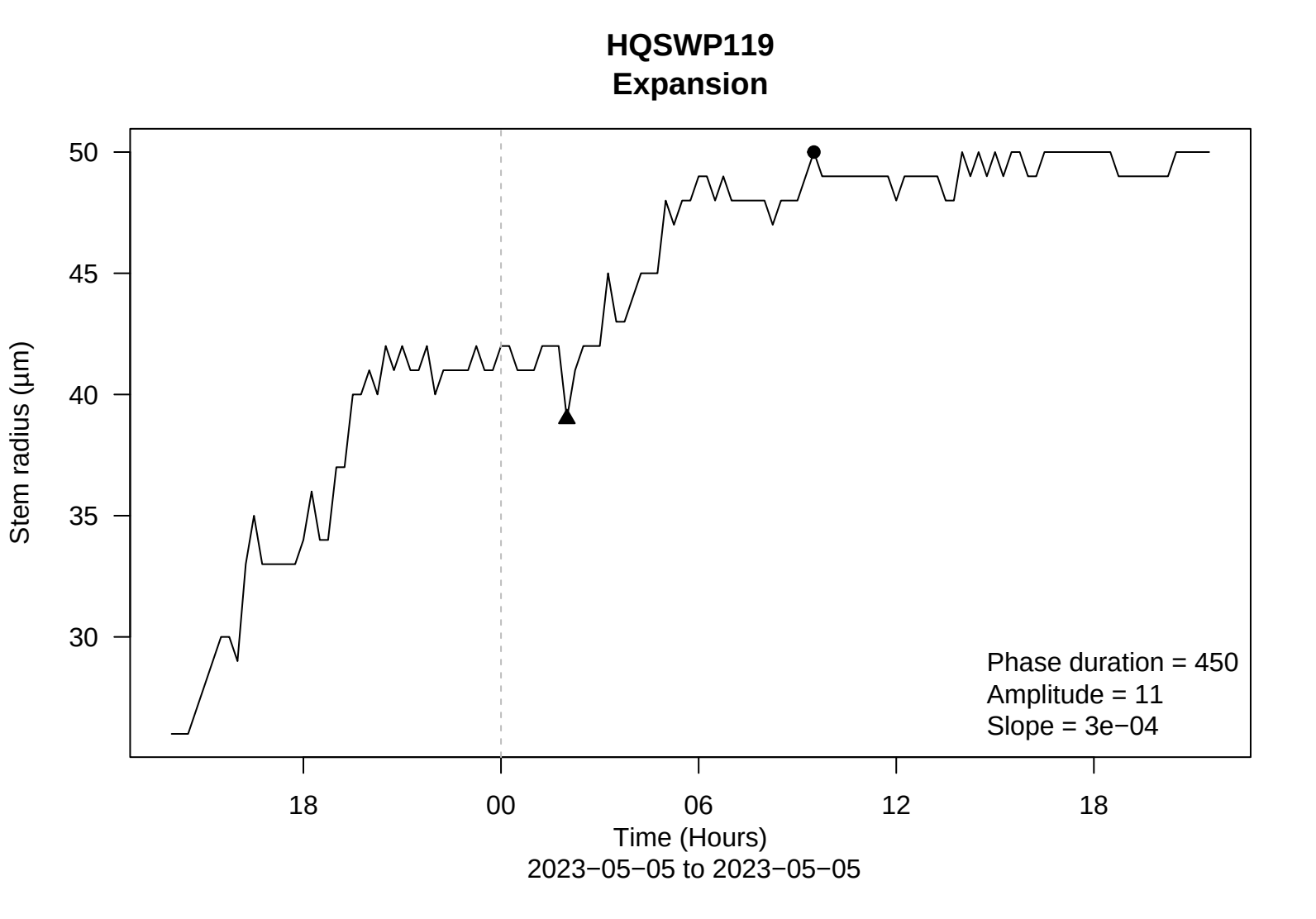

HQSWP119
Shrinkage
25
20
15
10
5
Stem radius (µm)
Phase duration = 2340
Amplitude = −20
Slope = −1e−04
00
00
00
Time (Hours)
2023−04−27 to 2023−04−29

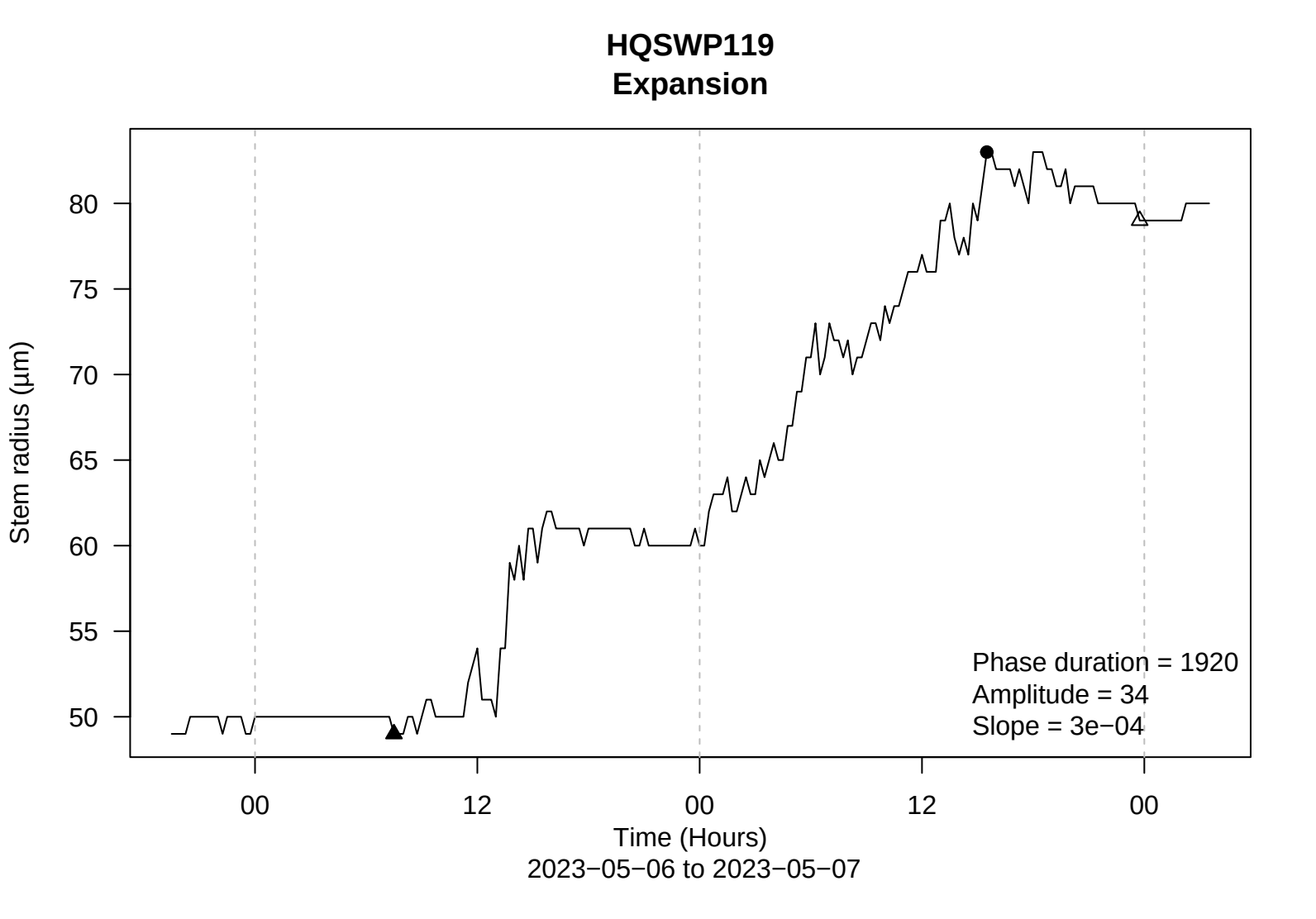

HQSWP119
Expansion
12
10
8
6
4
Stem radius (µm)
00
12
00
Time (Hours)
2023−04−29 to 2023−04−29
Phase duration = 885
Amplitude = 3
Slope = 0

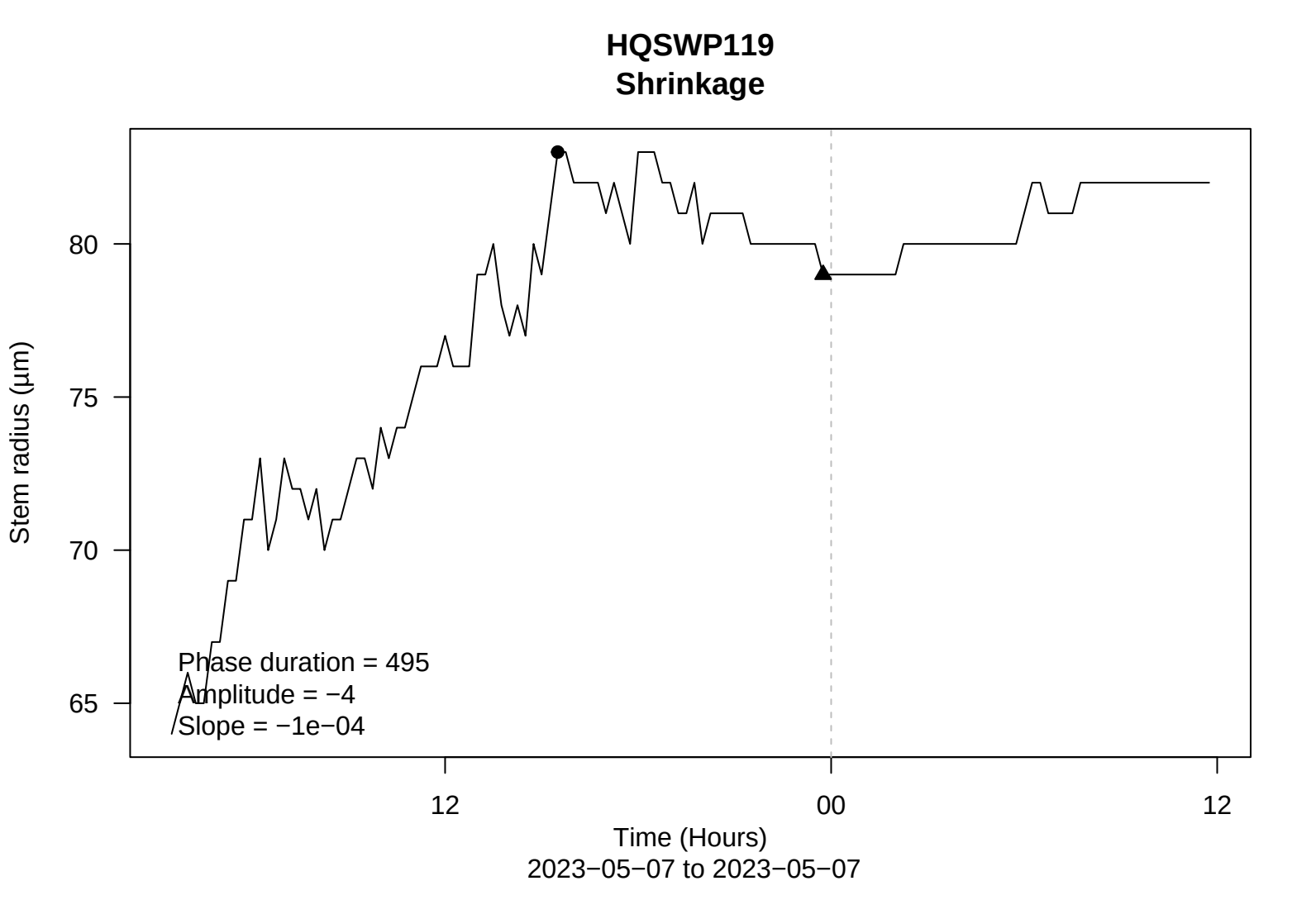

HQSWP119
Shrinkage
8
7
6
5
4
Stem radius (µm)
Phase duration = 450
Amplitude = −4
Slope = −1e−04
12
00
12
Time (Hours)
2023−04−29 to 2023−04−30

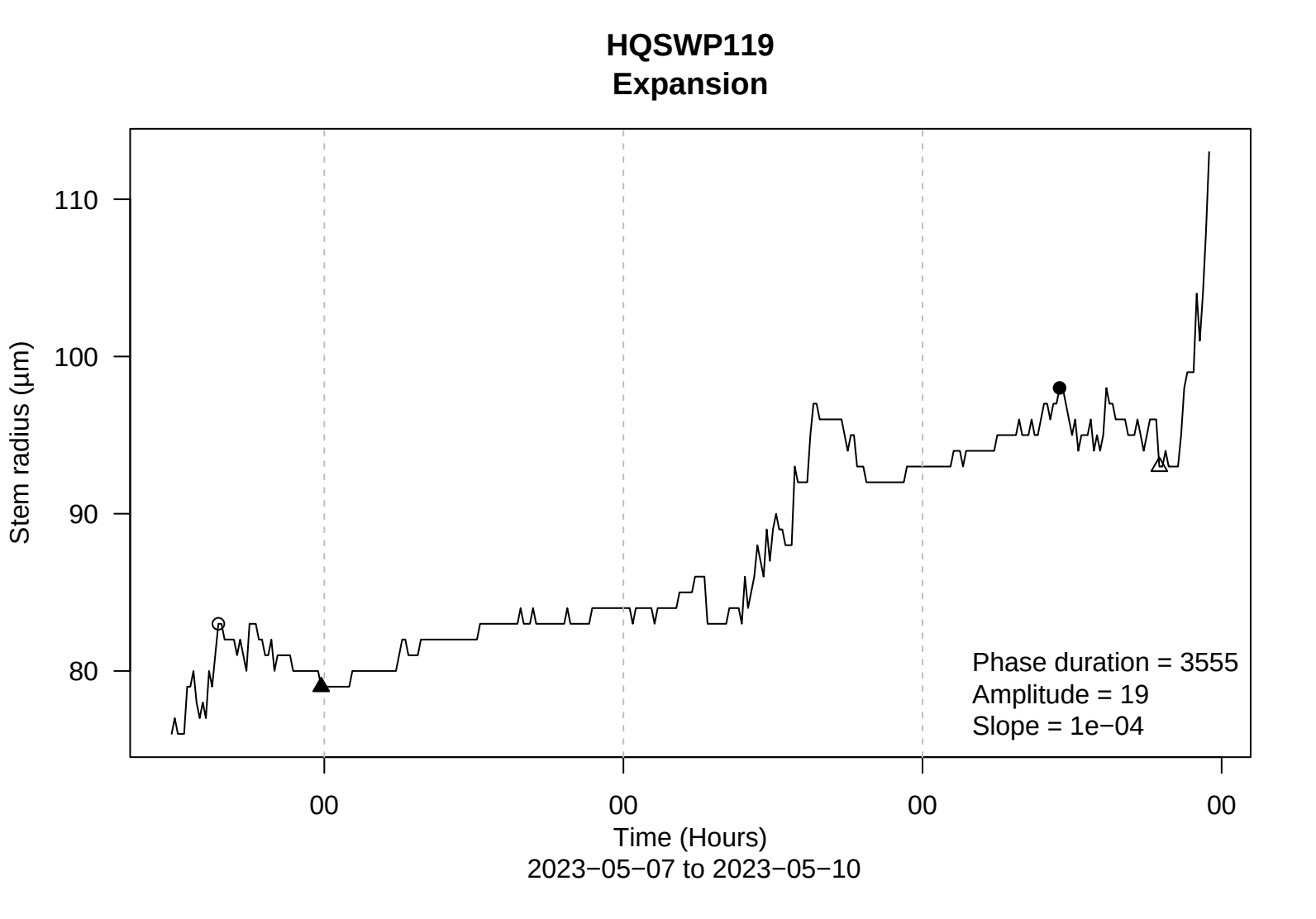

HQSWP119
Expansion
8
7
6
5
4
Stem radius (µm)
12
00
12
00
Time (Hours)
2023−04−30 to 2023−04−30
Phase duration = 795
Amplitude = 3
Slope = 0

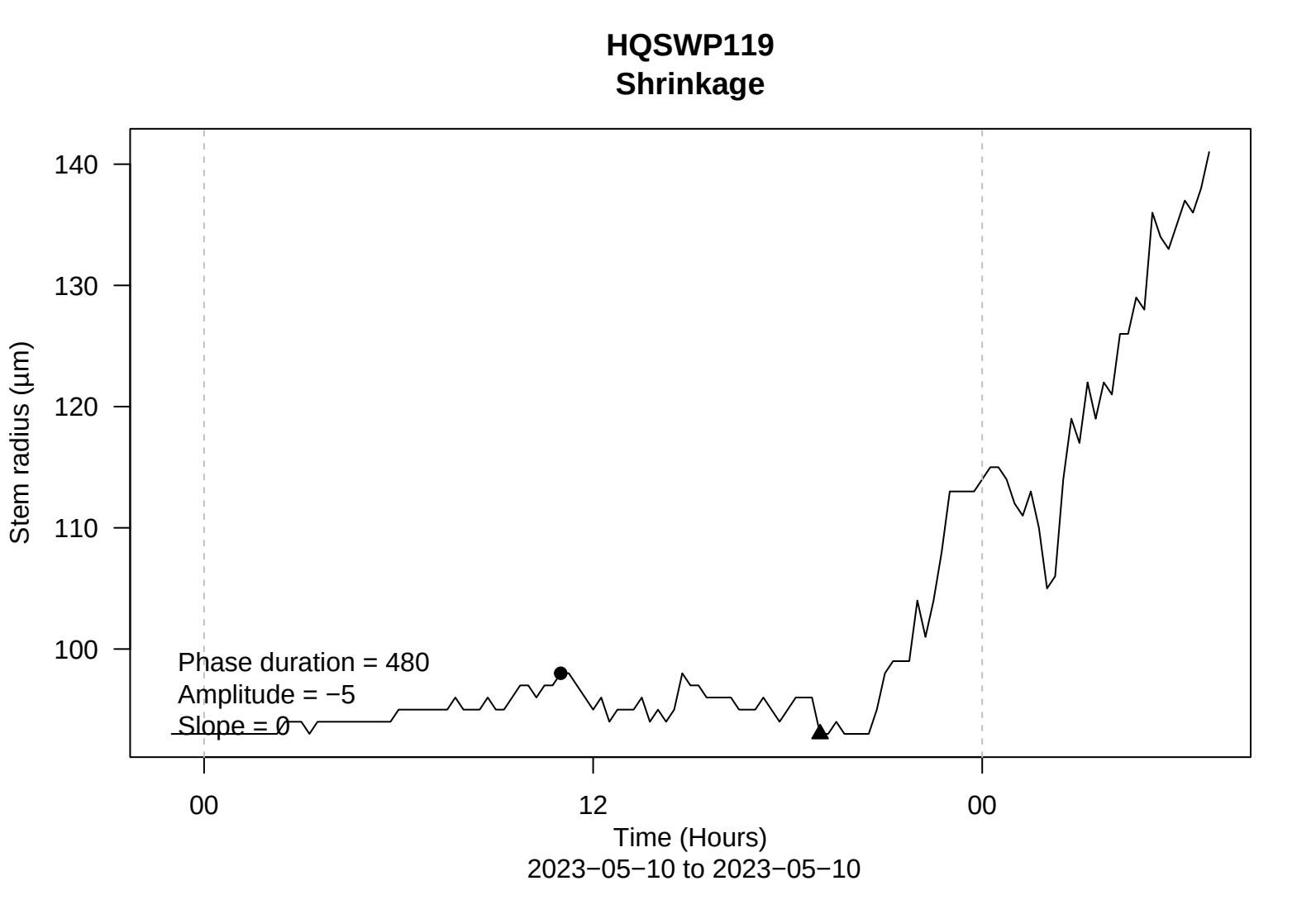

HQSWP119
Expansion
Stem radius (µm)
35
30
25
20
15
10
5
00
00
00
00
Time (Hours)
2023−05−01 to 2023−05−04
Phase duration = 4275
Amplitude = 16
Slope = 1e−04

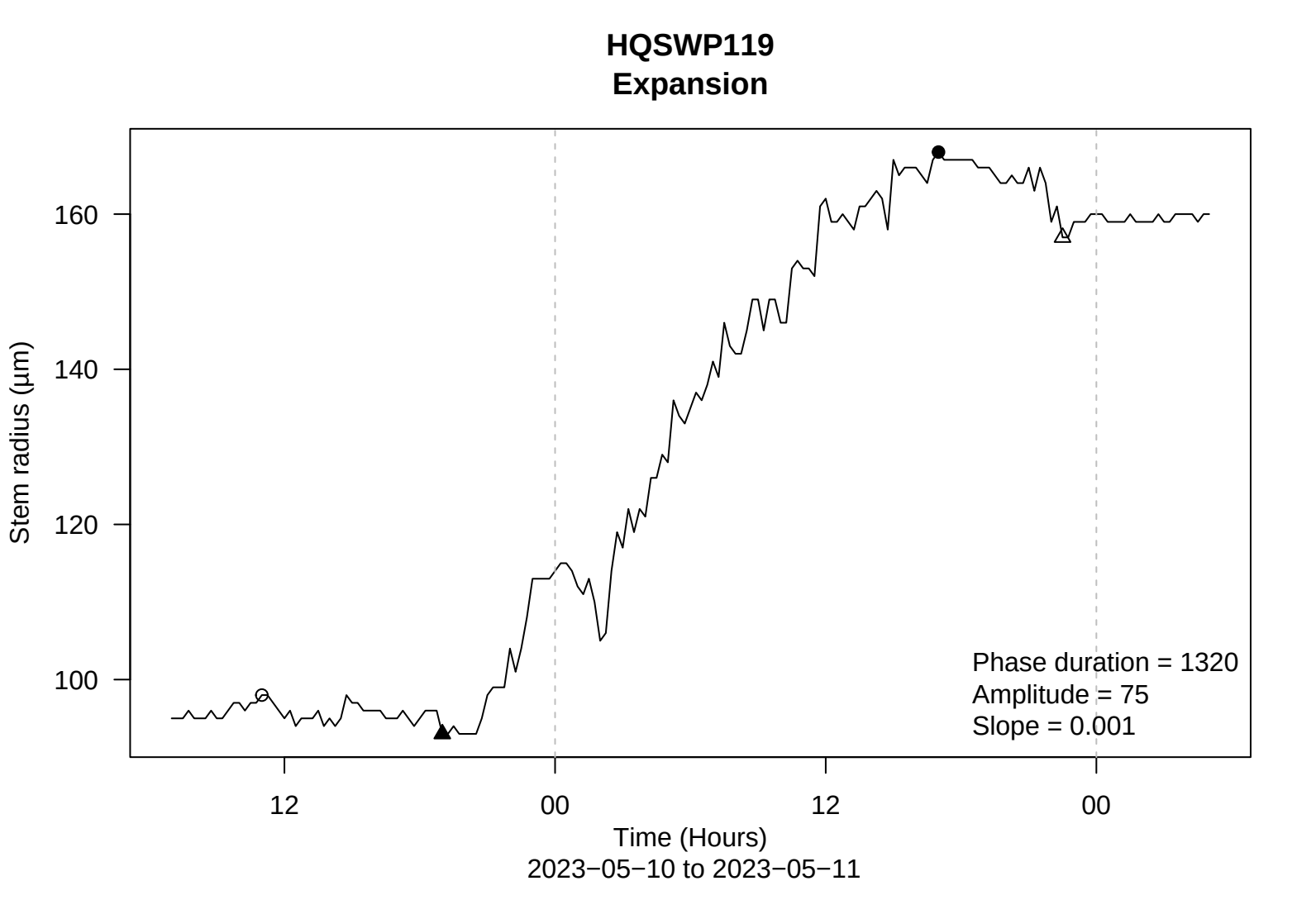

HQSWP119
Expansion
Stem radius (µm)
50
45
40
35
30
18
00
06
12
18
Time (Hours)
2023−05−05 to 2023−05−05
Phase duration = 450
Amplitude = 11
Slope = 3e−04

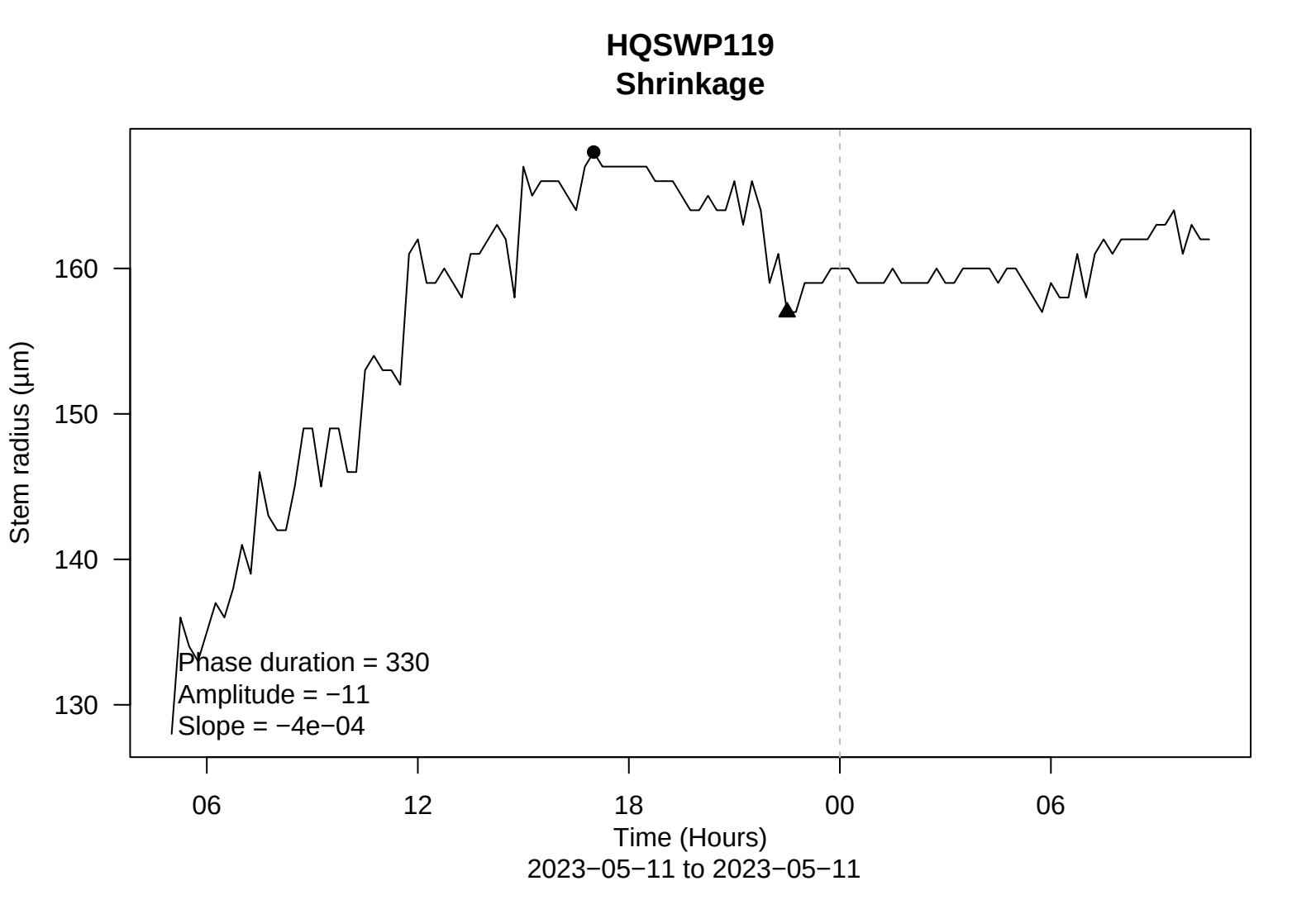

HQSWP119
Expansion
Stem radius (µm)
80
75
70
65
60
55
50
00
12
00
12
00
Time (Hours)
2023−05−06 to 2023−05−07
Phase duration = 1920
Amplitude = 34
Slope = 3e−04

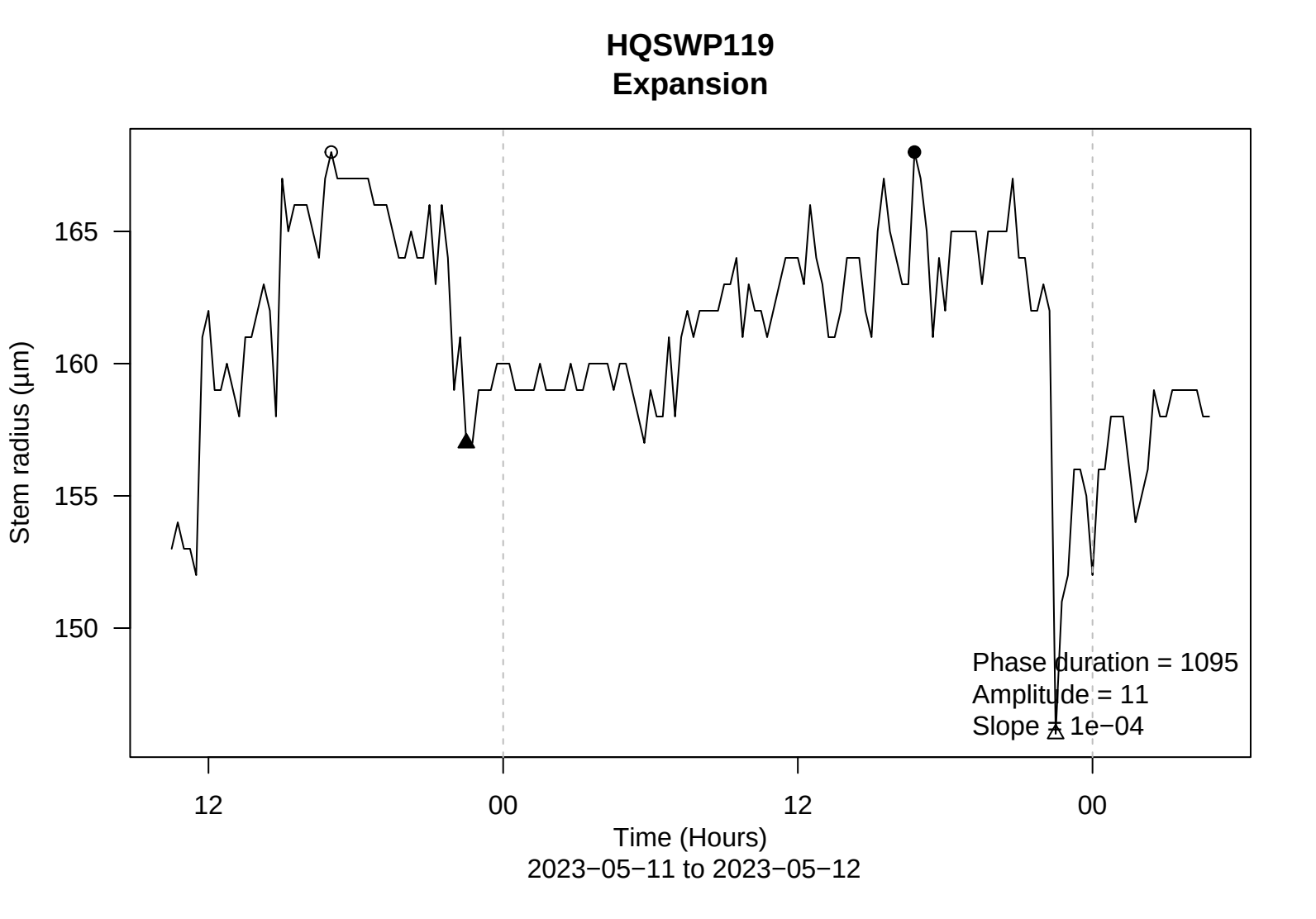

HQSWP119
Shrinkage
Stem radius (µm)
80
75
70
65
Phase duration = 495
Amplitude = −4
Slope = −1e−04
12
00
12
Time (Hours)
2023−05−07 to 2023−05−07

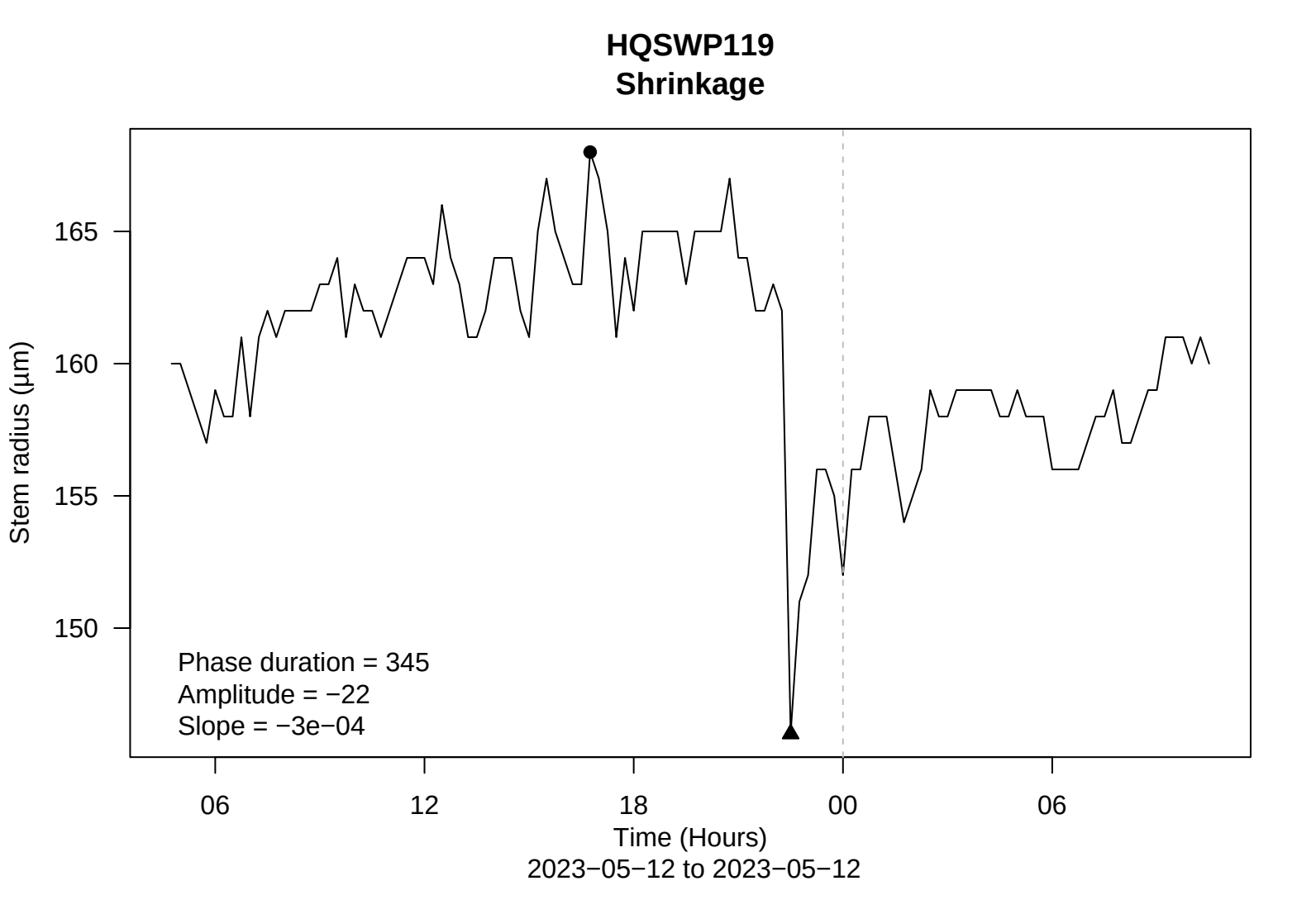

HQSWP119
Expansion
110
100
90
80
Stem radius (µm)
00
00
00
00
Time (Hours)
2023−05−07 to 2023−05−10
Phase duration = 3555
Amplitude = 19
Slope = 1e−04

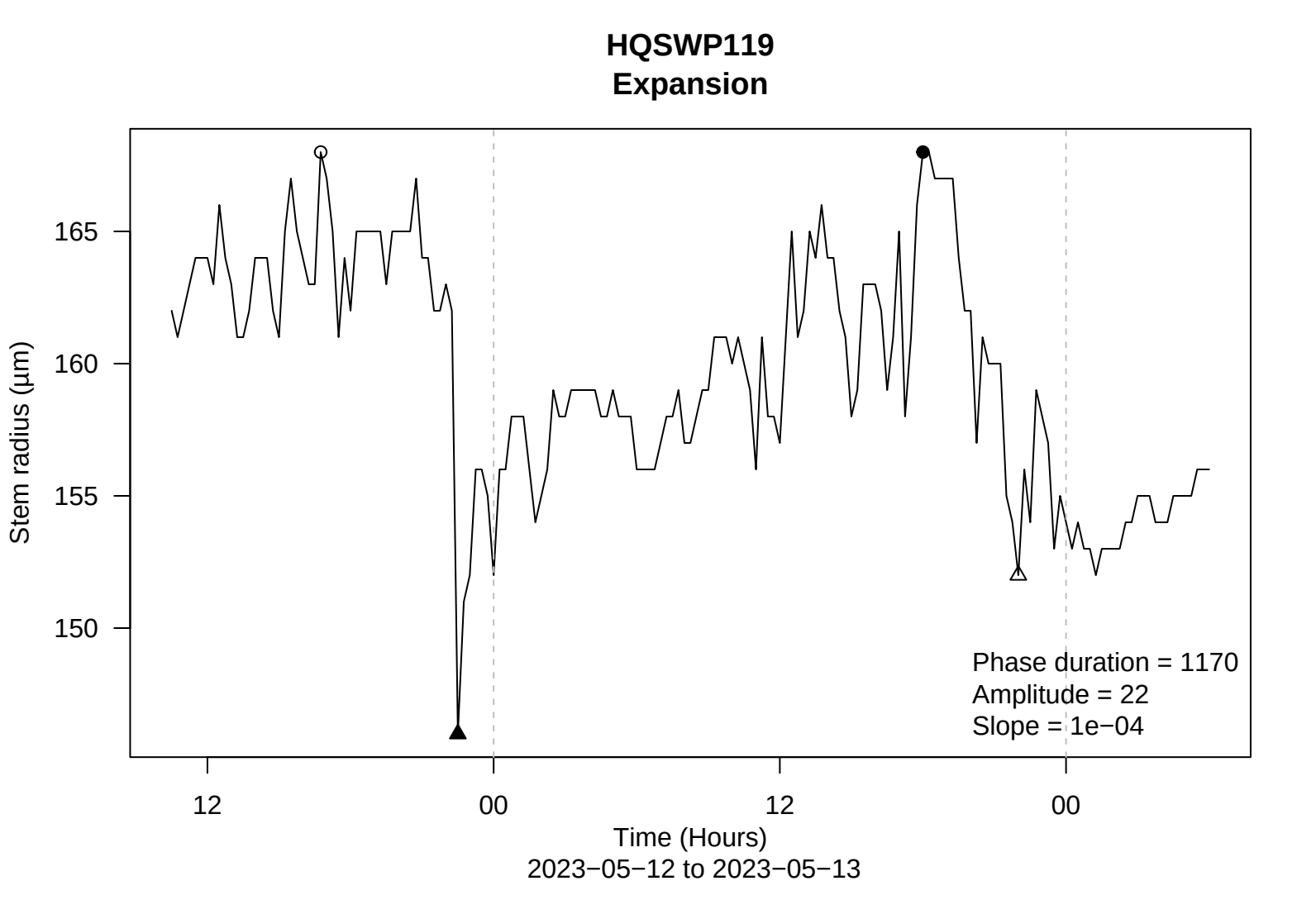

HQSWP119
Shrinkage
140
130
120
110
100
Stem radius (µm)
Phase duration = 480
Amplitude = −5
Slope = 0
00
12
00
Time (Hours)
2023−05−10 to 2023−05−10

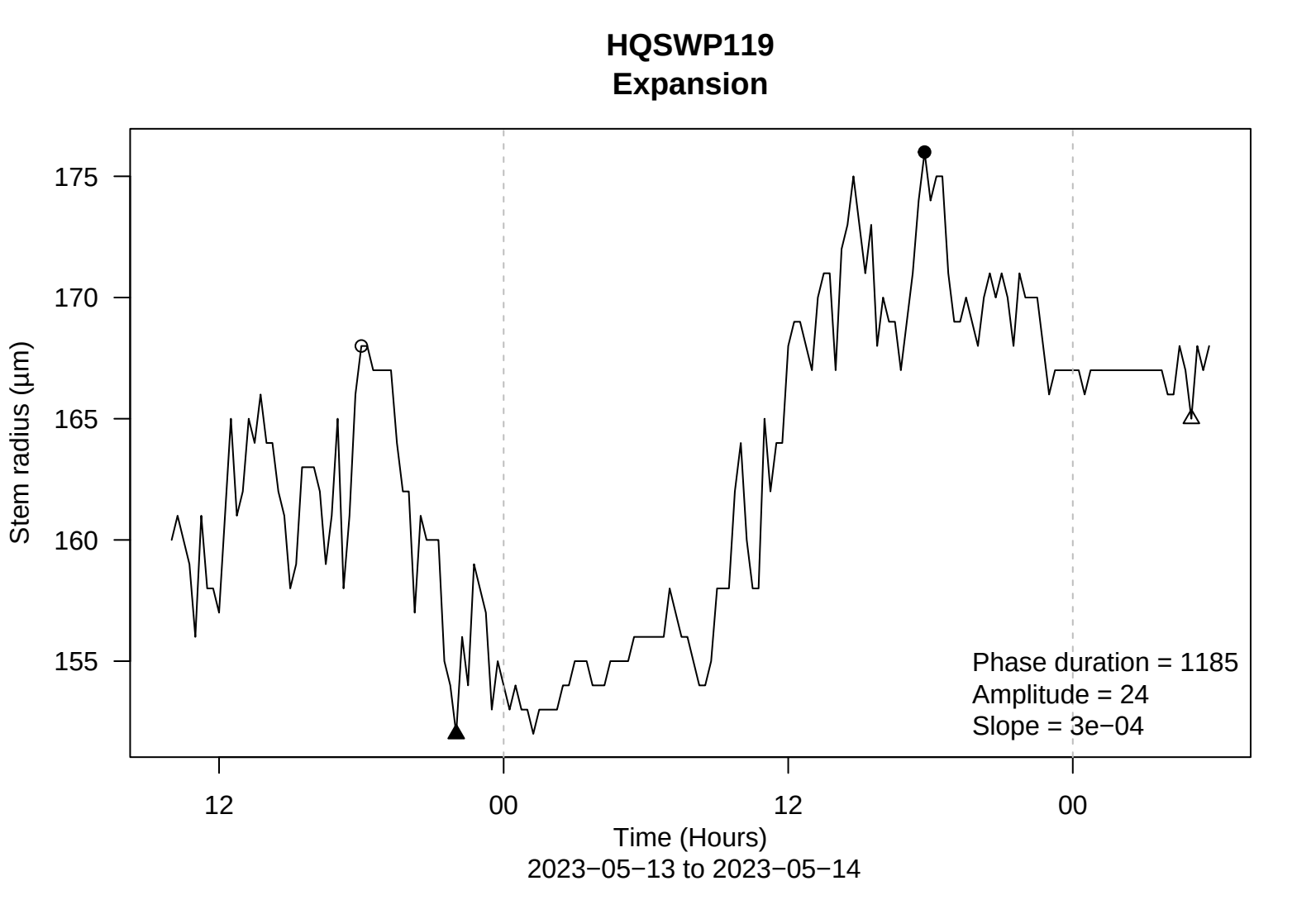

HQSWP119
Expansion
160
140
120
100
Stem radius (µm)
12
00
12
00
Time (Hours)
2023−05−10 to 2023−05−11
Phase duration = 1320
Amplitude = 75
Slope = 0.001

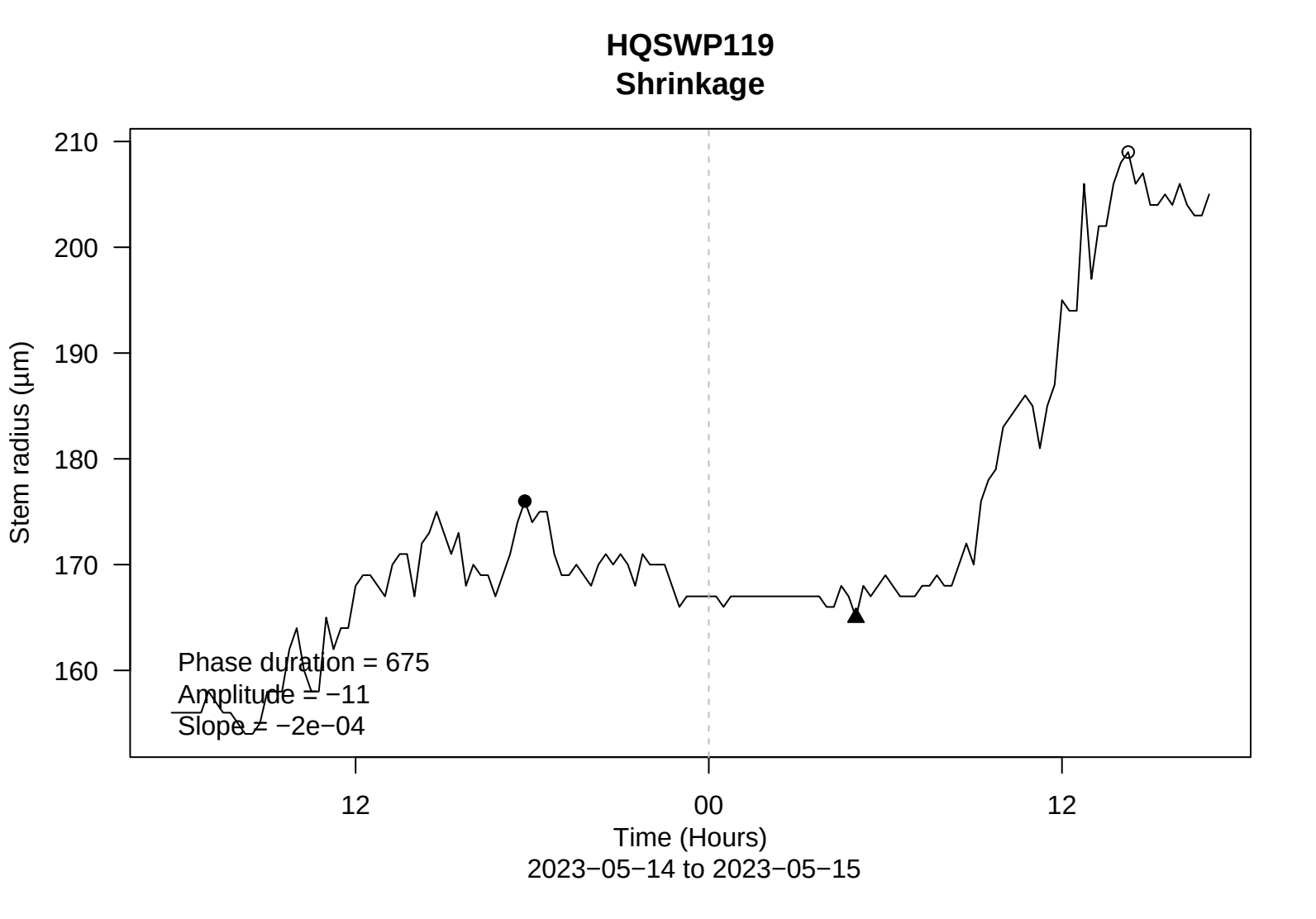

HQSWP119
Shrinkage
Stem radius (µm)
160
150
140
130
Phase duration = 330
Amplitude = −11
Slope = −4e−04
06
12
18
00
06
Time (Hours)
2023−05−11 to 2023−05−11

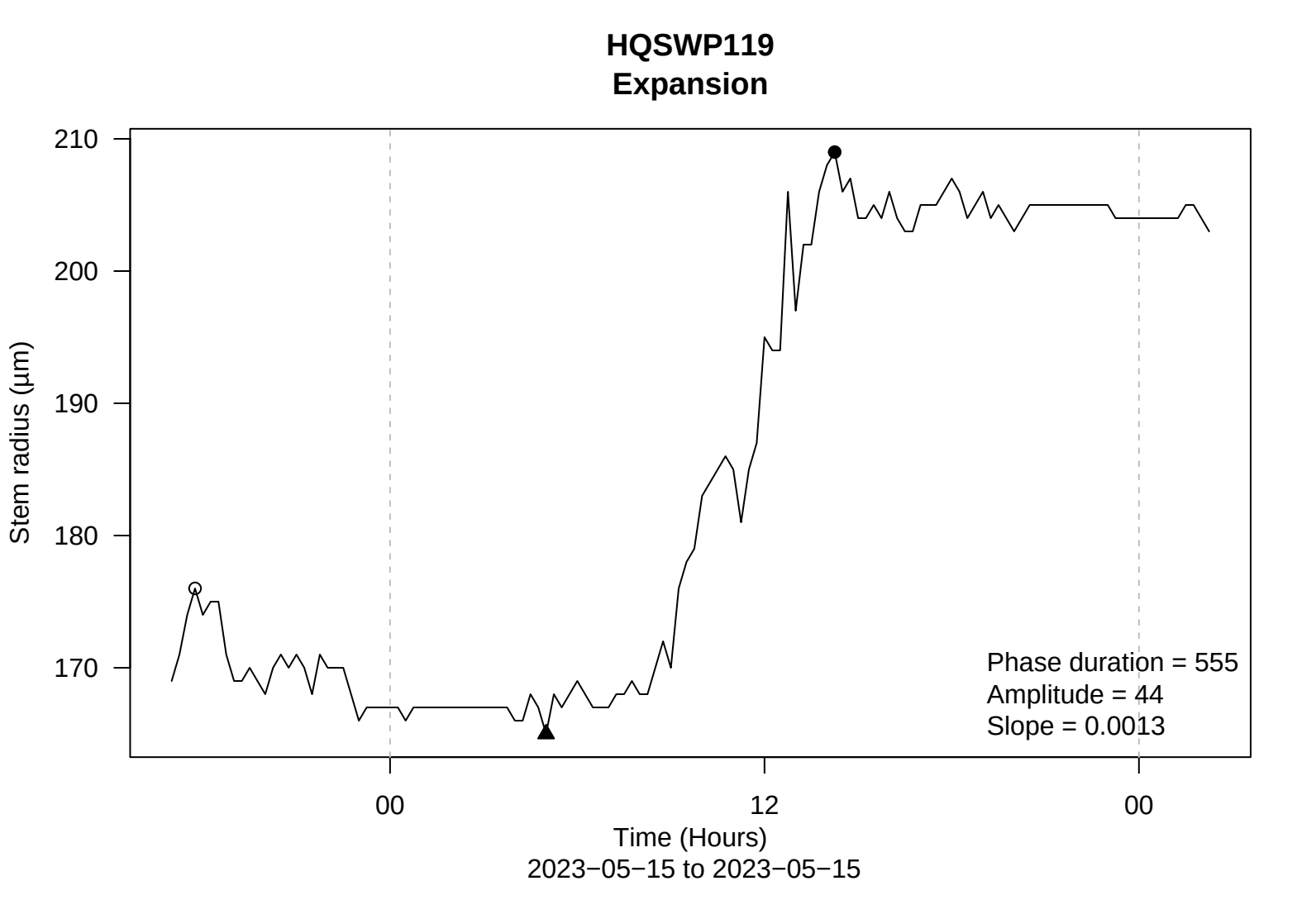

HQSWP119
Expansion
Stem radius (µm)
165
160
155
150
12
00
12
00
Time (Hours)
2023−05−11 to 2023−05−12
Phase duration = 1095
Amplitude = 11
Slope = 1e−04

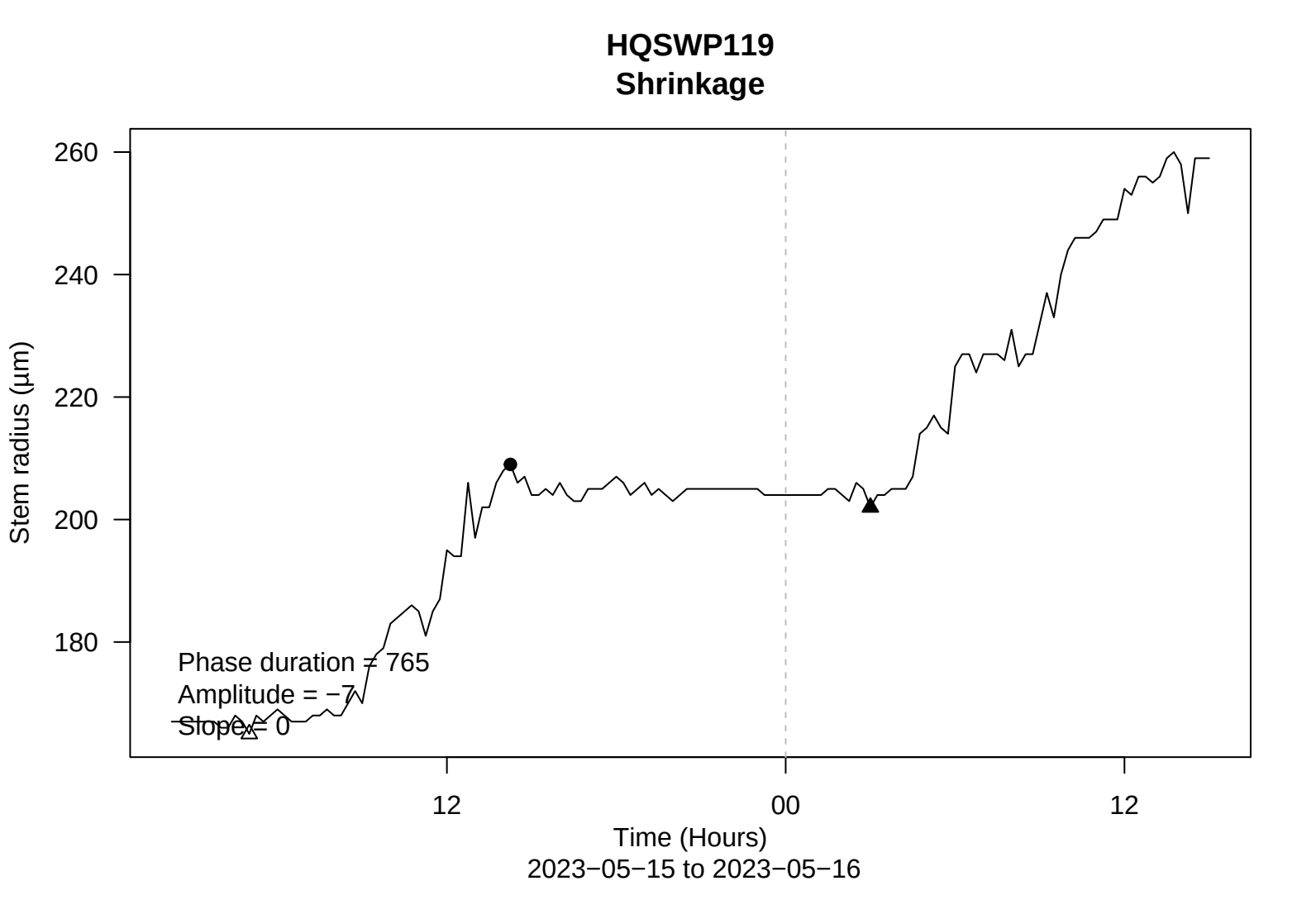

HQSWP119
Shrinkage
Stem radius (µm)
165
160
155
150
Phase duration = 345
Amplitude = −22
Slope = −3e−04
06
12
18
00
06
Time (Hours)
2023−05−12 to 2023−05−12

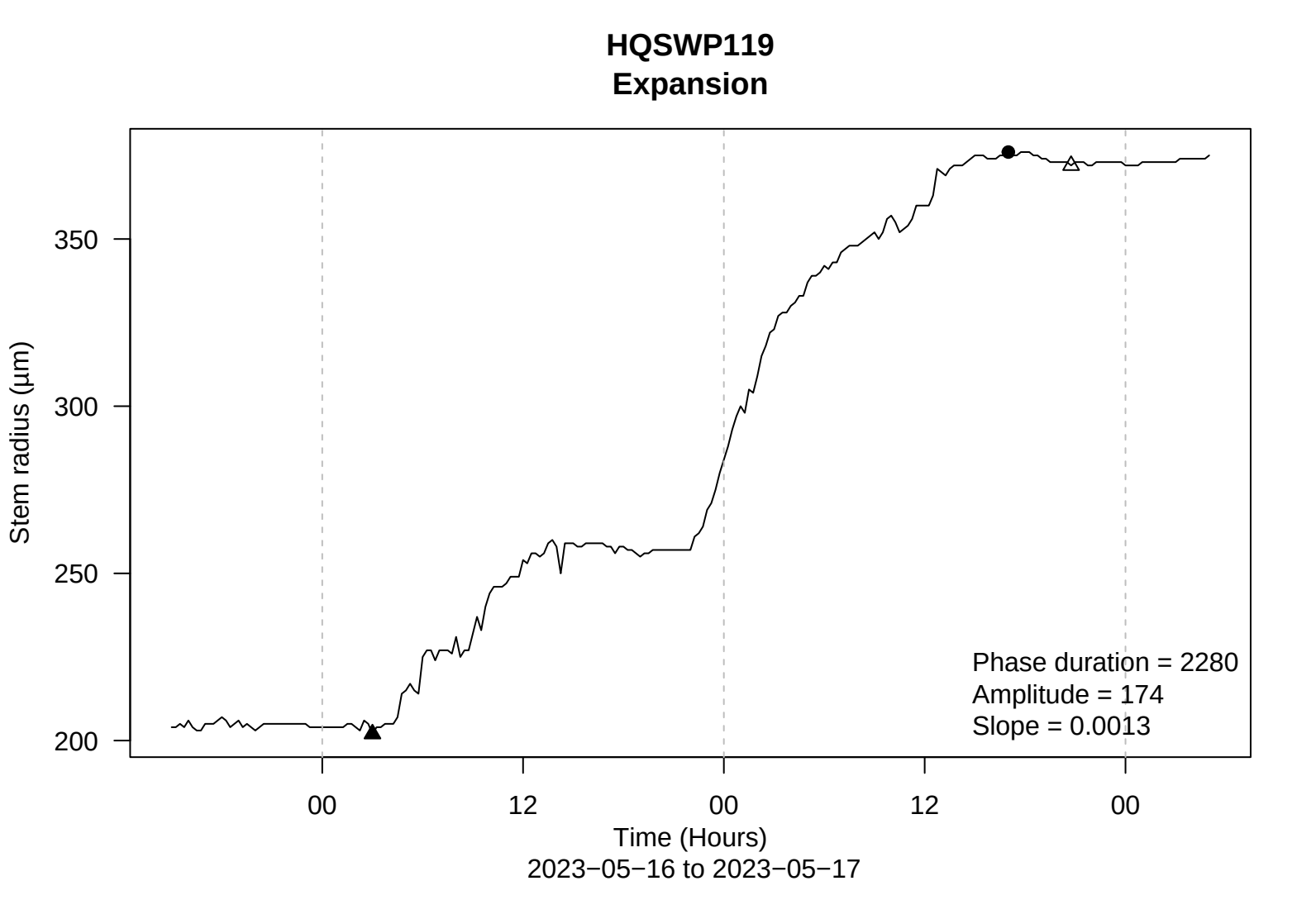

HQSWP119
Expansion
Stem radius (µm)
165
160
155
150
12
00
12
00
Time (Hours)
2023−05−12 to 2023−05−13
Phase duration = 1170
Amplitude = 22
Slope = 1e−04

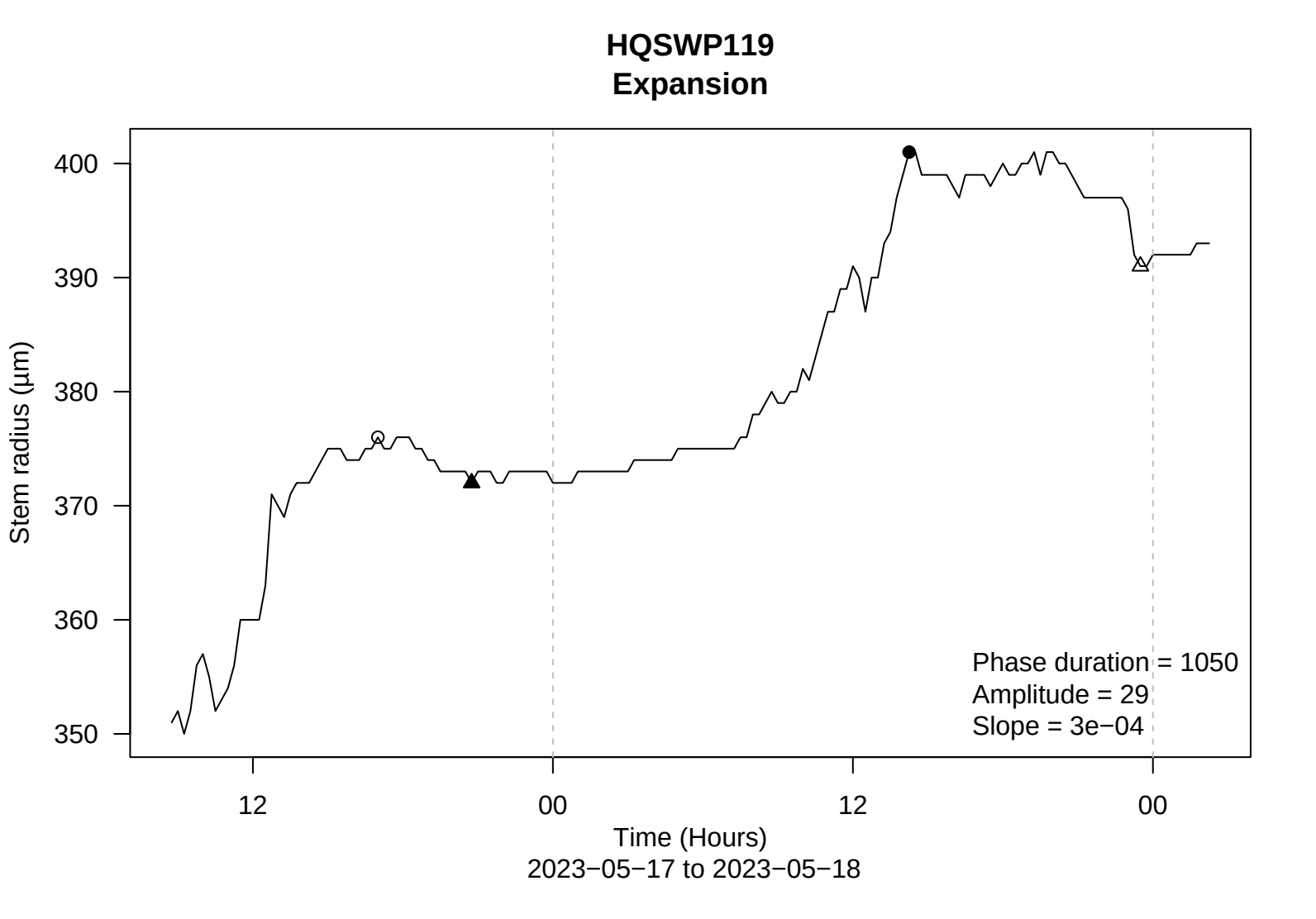

HQSWP119
Expansion
175
170
165
160
155
Stem radius (µm)
12
00
12
00
Time (Hours)
2023−05−13 to 2023−05−14
Phase duration = 1185
Amplitude = 24
Slope = 3e−04

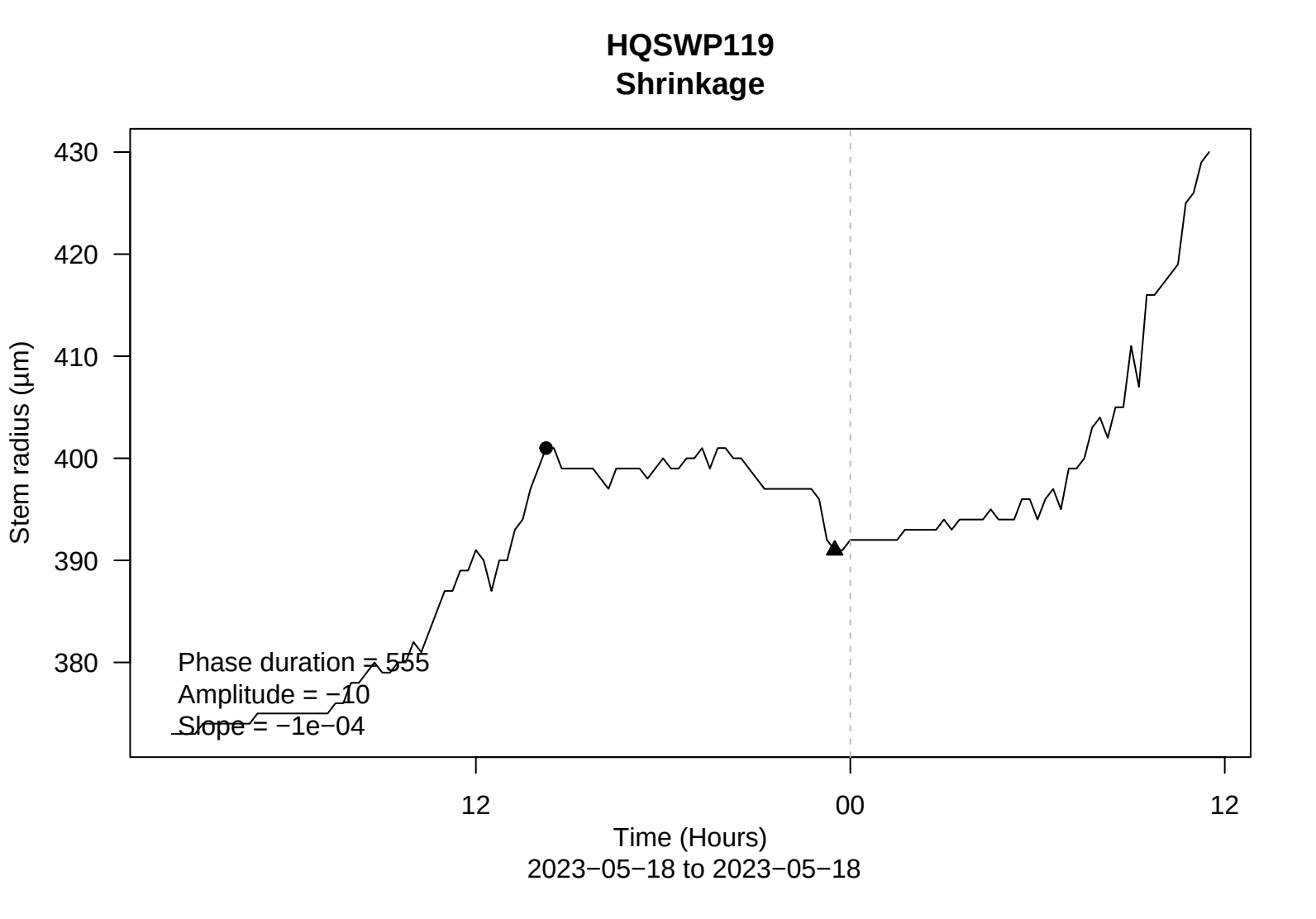

HQSWP119
Shrinkage
210
200
190
180
170
160
Stem radius (µm)
Phase duration = 675
Amplitude = −11
Slope = −2e−04
12
00
12
Time (Hours)
2023−05−14 to 2023−05−15

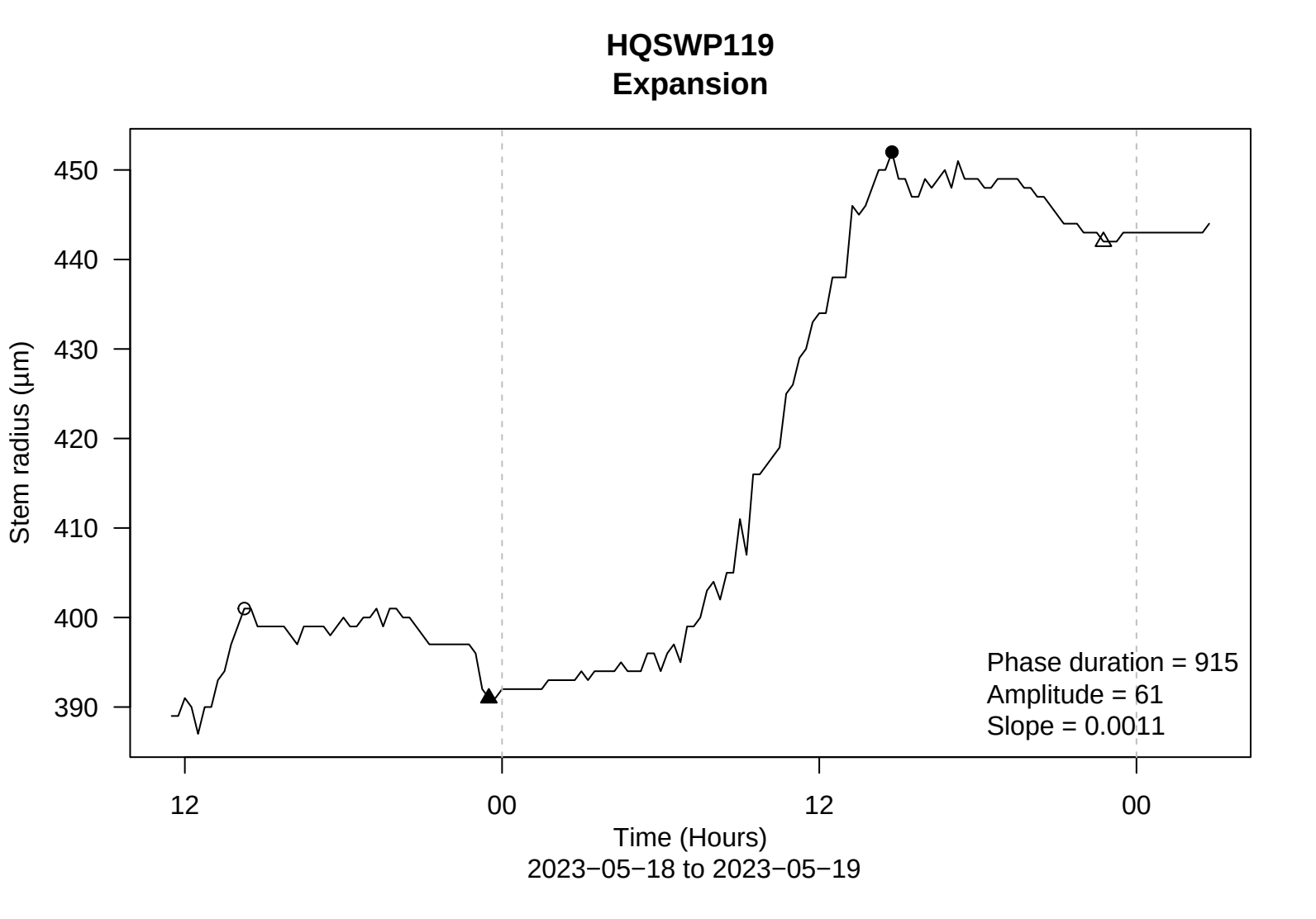

HQSWP119
Expansion
210
200
190
180
170
Stem radius (µm)
Phase duration = 555
Amplitude = 44
Slope = 0.0013
00
12
00
Time (Hours)
2023−05−15 to 2023−05−15

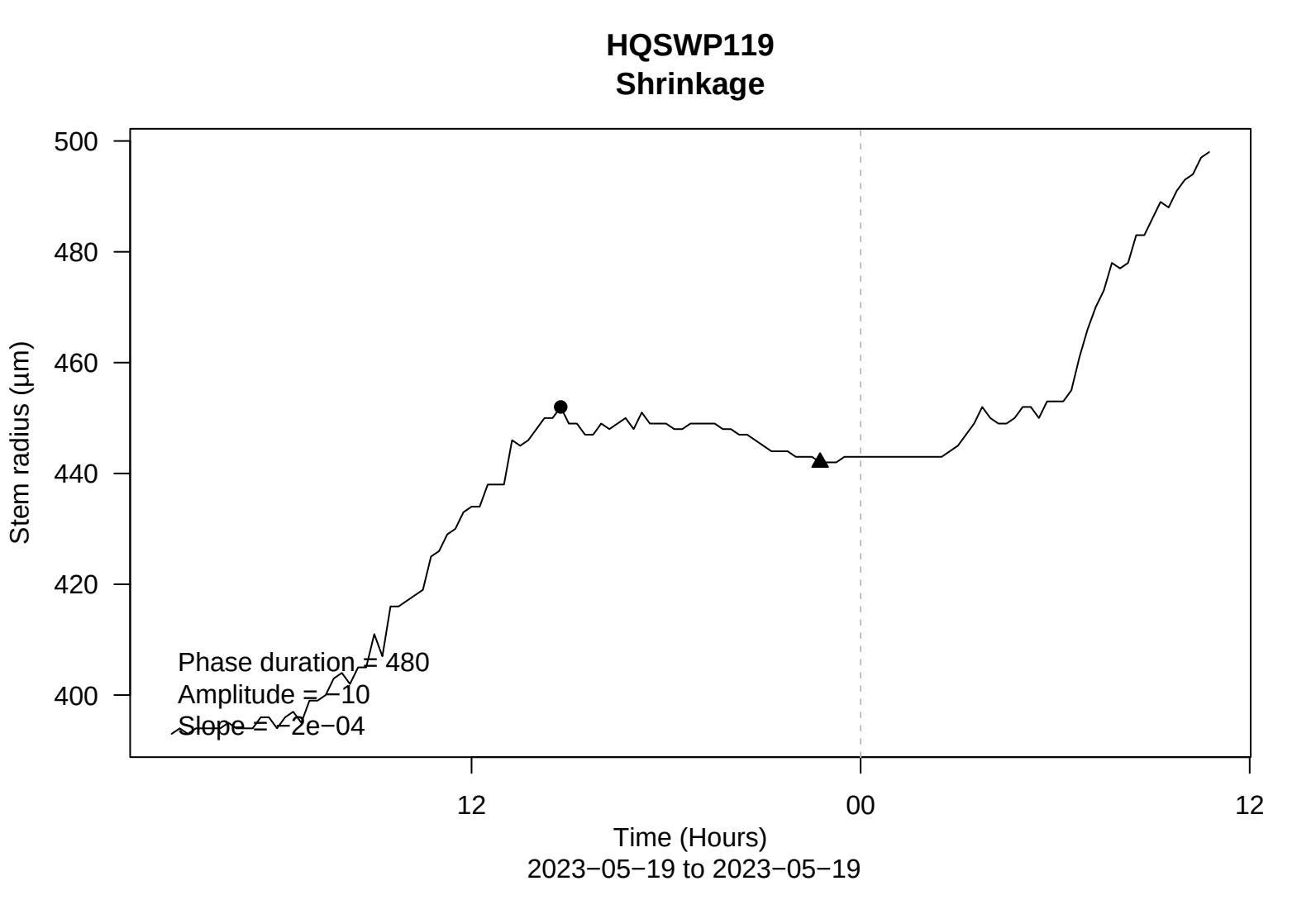

HQSWP119
Shrinkage
260
240
220
200
180
Stem radius (µm)
Phase duration = 765
Amplitude = −7
Slope = 0
12
00
12
Time (Hours)
2023−05−15 to 2023−05−16

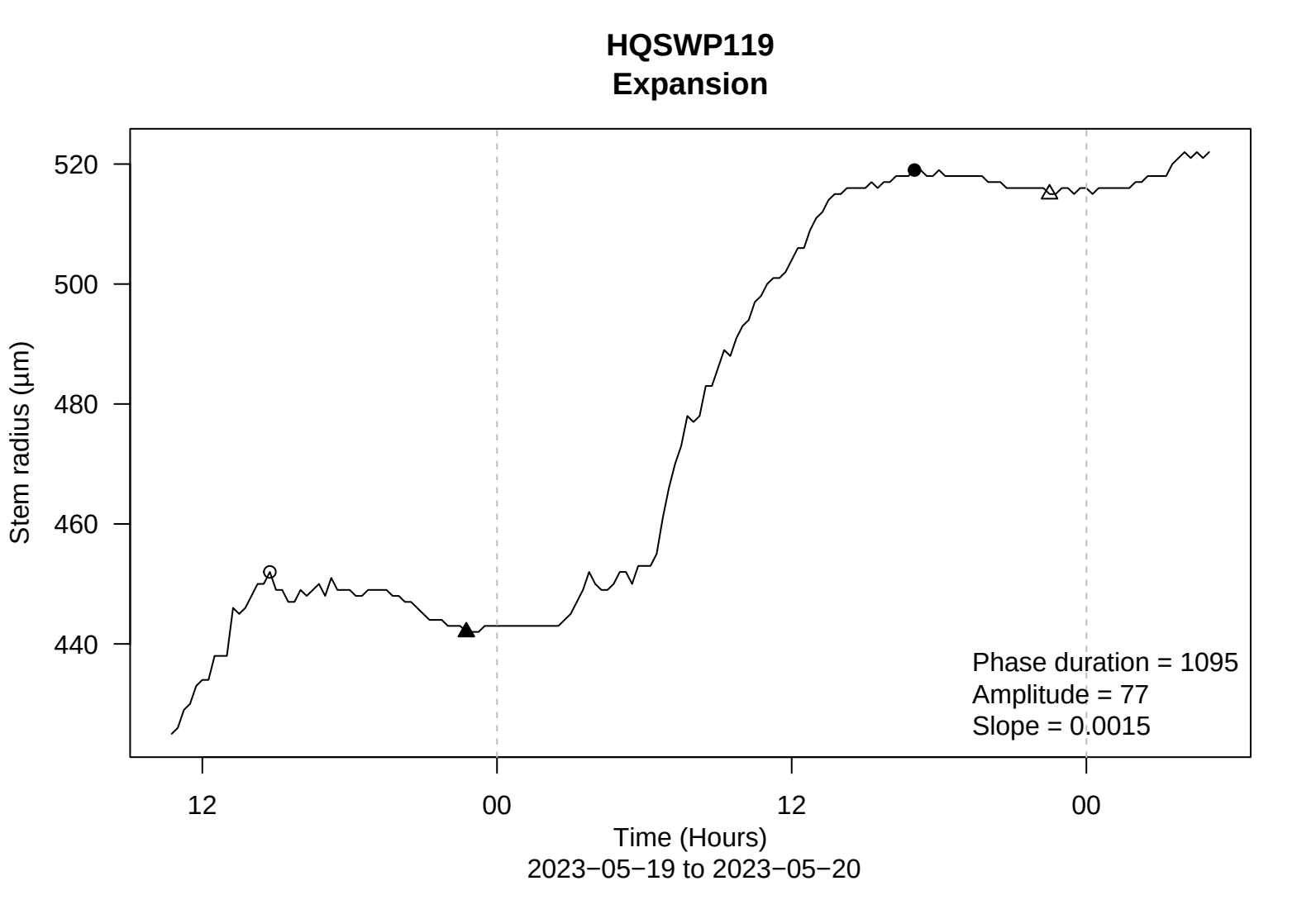

HQSWP119
Expansion
350
300
250
200
Stem radius (µm)
00
12
00
12
00
Time (Hours)
2023−05−16 to 2023−05−17
Phase duration = 2280
Amplitude = 174
Slope = 0.0013

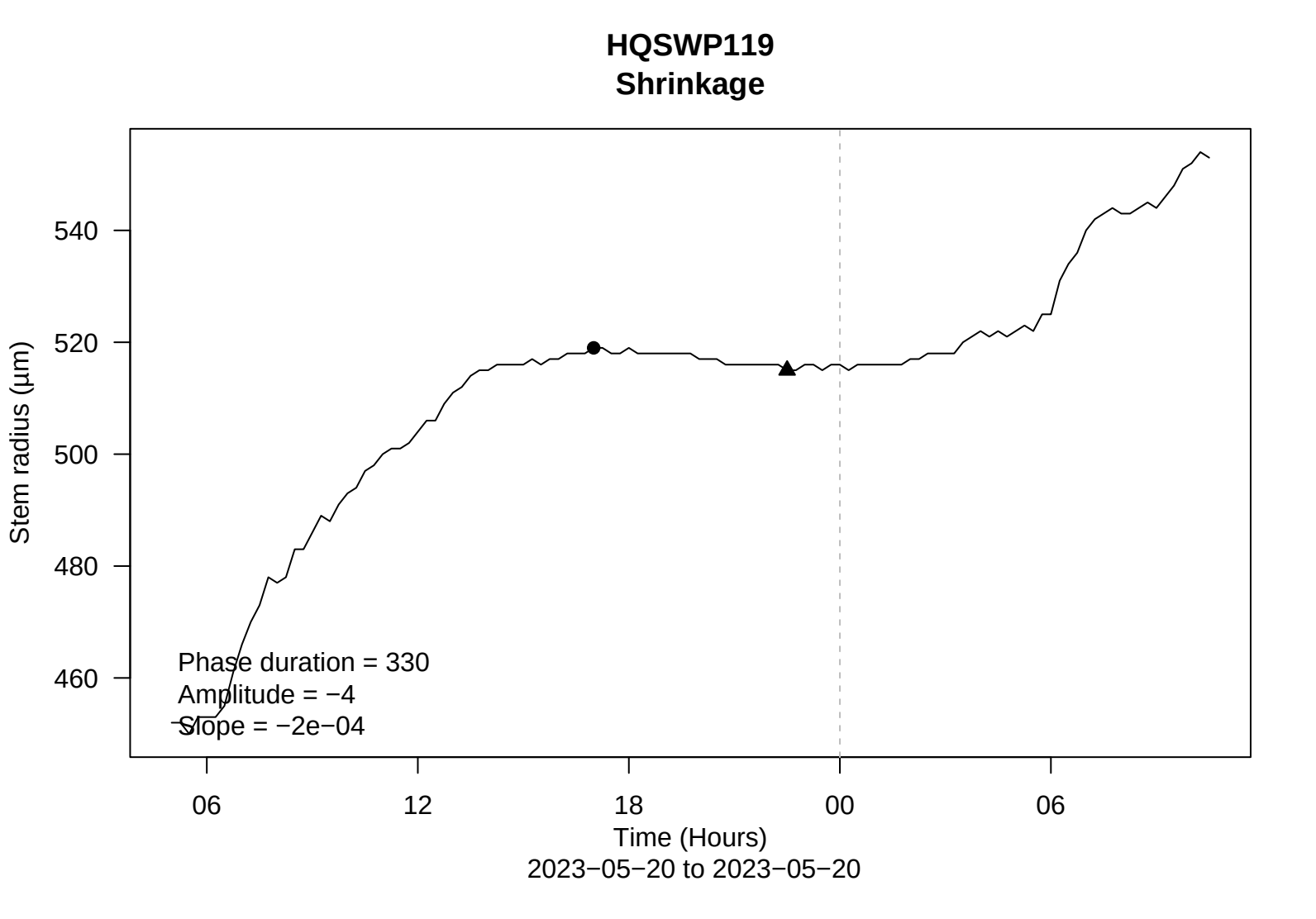

HQSWP119
Expansion
400
390
380
370
360
350
Stem radius (µm)
12
00
12
00
Time (Hours)
2023−05−17 to 2023−05−18
Phase duration = 1050
Amplitude = 29
Slope = 3e−04

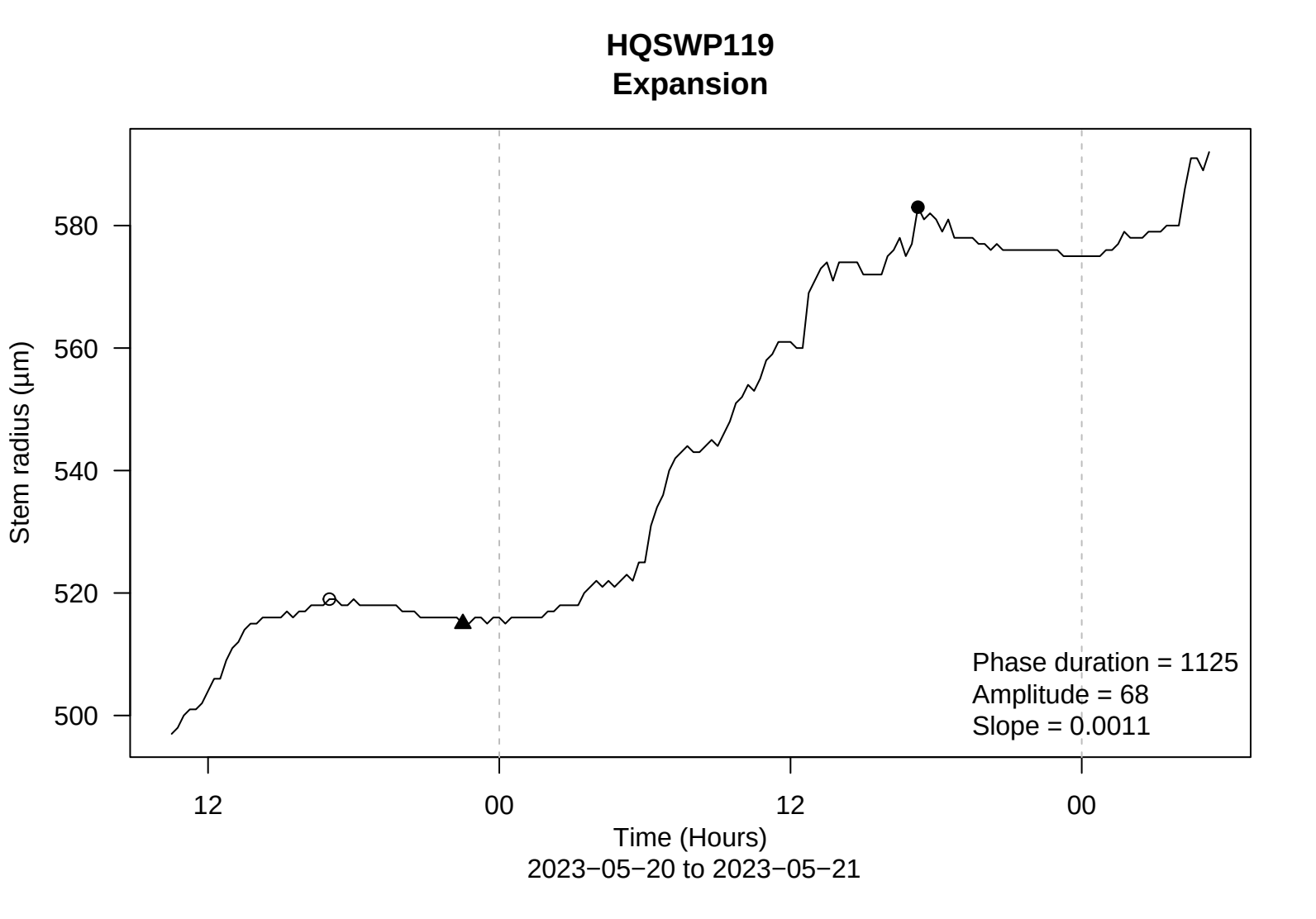

HQSWP119
Shrinkage
Stem radius (µm)
430
420
410
400
390
380
Phase duration = 555
Amplitude = −10
Slope = −1e−04
12
00
12
Time (Hours)
2023−05−18 to 2023−05−18

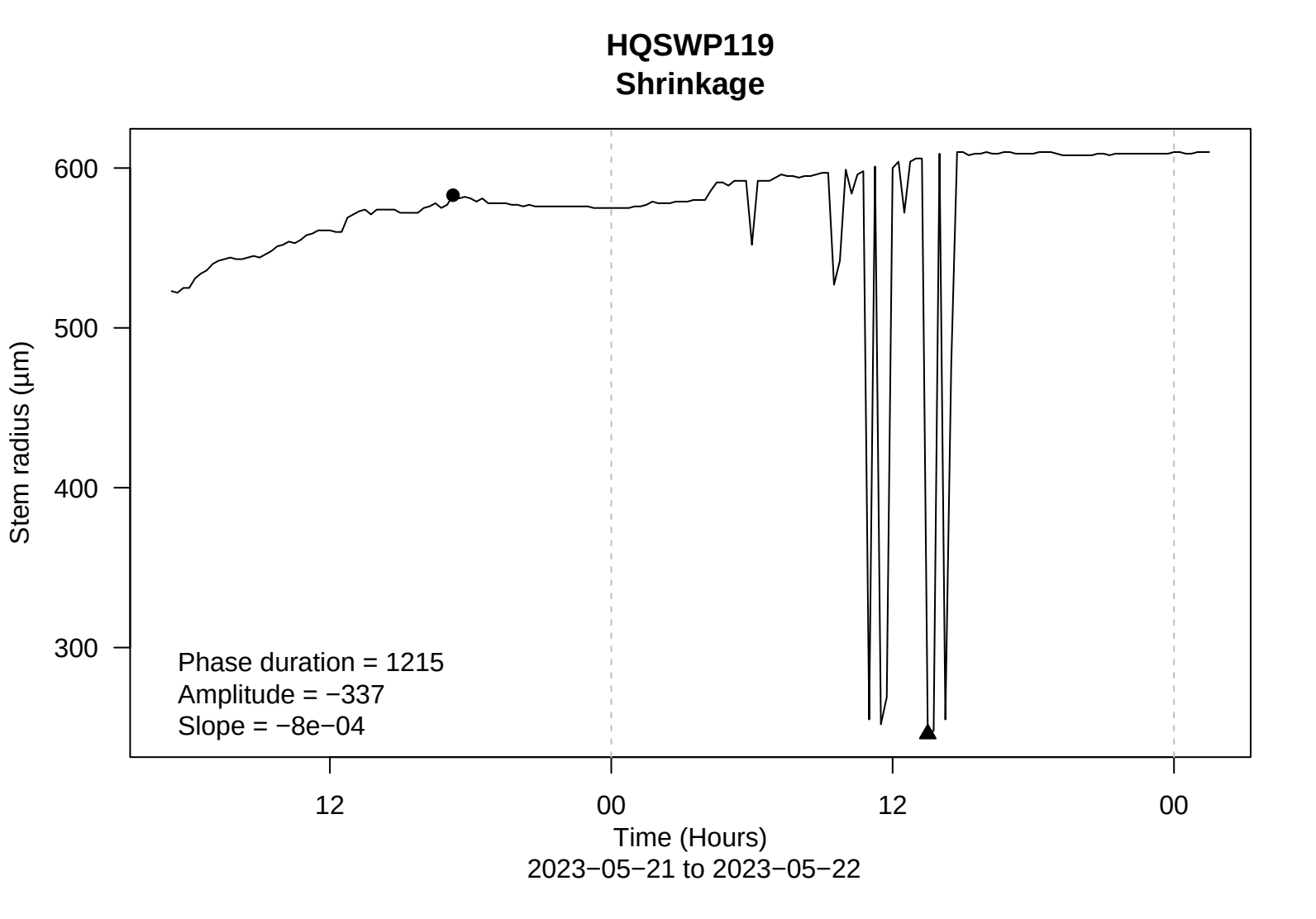

HQSWP119
Expansion
Stem radius (µm)
450
440
430
420
410
400
390
12
00
12
00
Time (Hours)
2023−05−18 to 2023−05−19
Phase duration = 915
Amplitude = 61
Slope = 0.0011

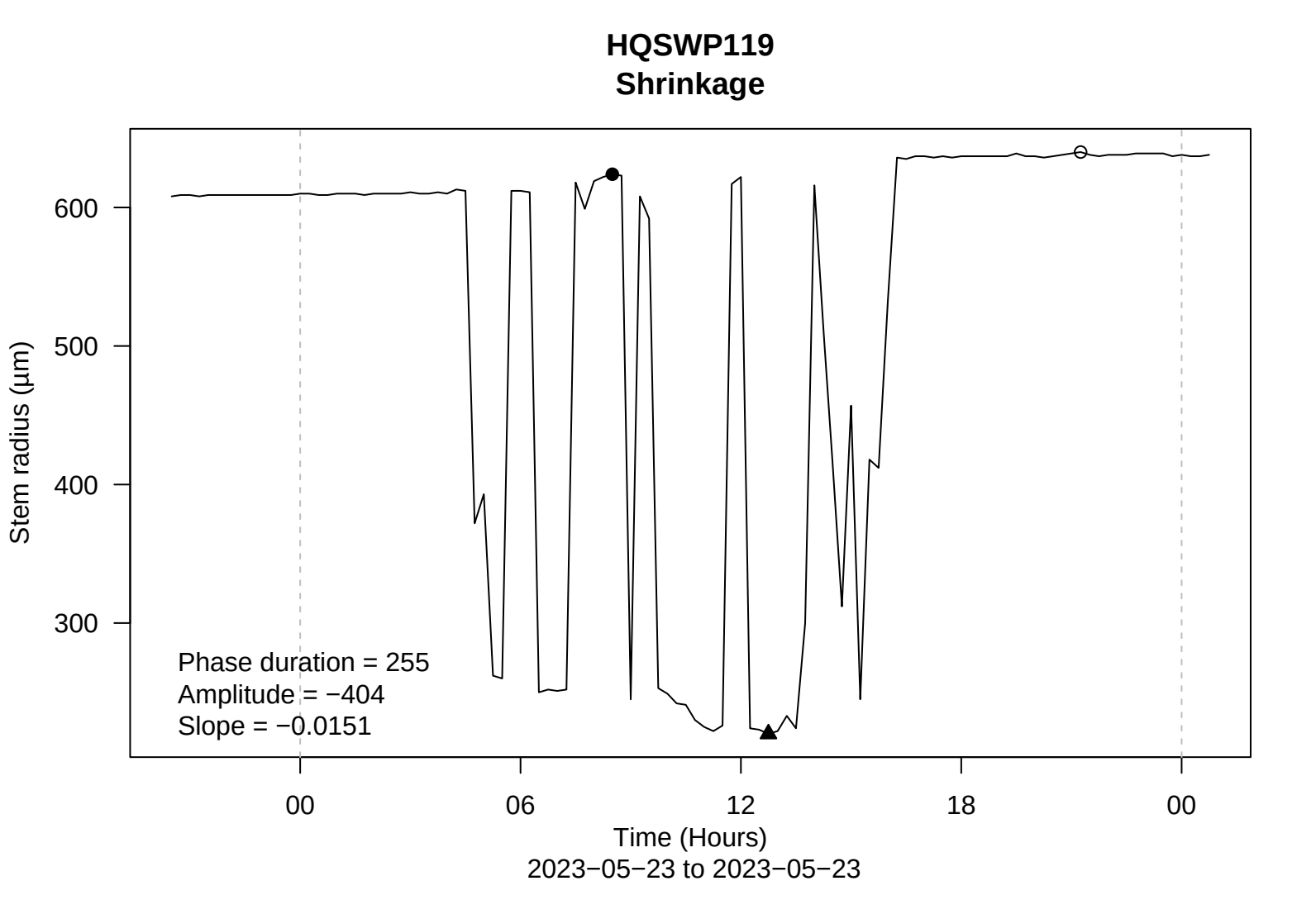

HQSWP119
Shrinkage
500
480
460
440
420
400
Stem radius (µm)
Phase duration = 480
Amplitude = −10
Slope = −2e−04
12
00
12
Time (Hours)
2023−05−19 to 2023−05−19

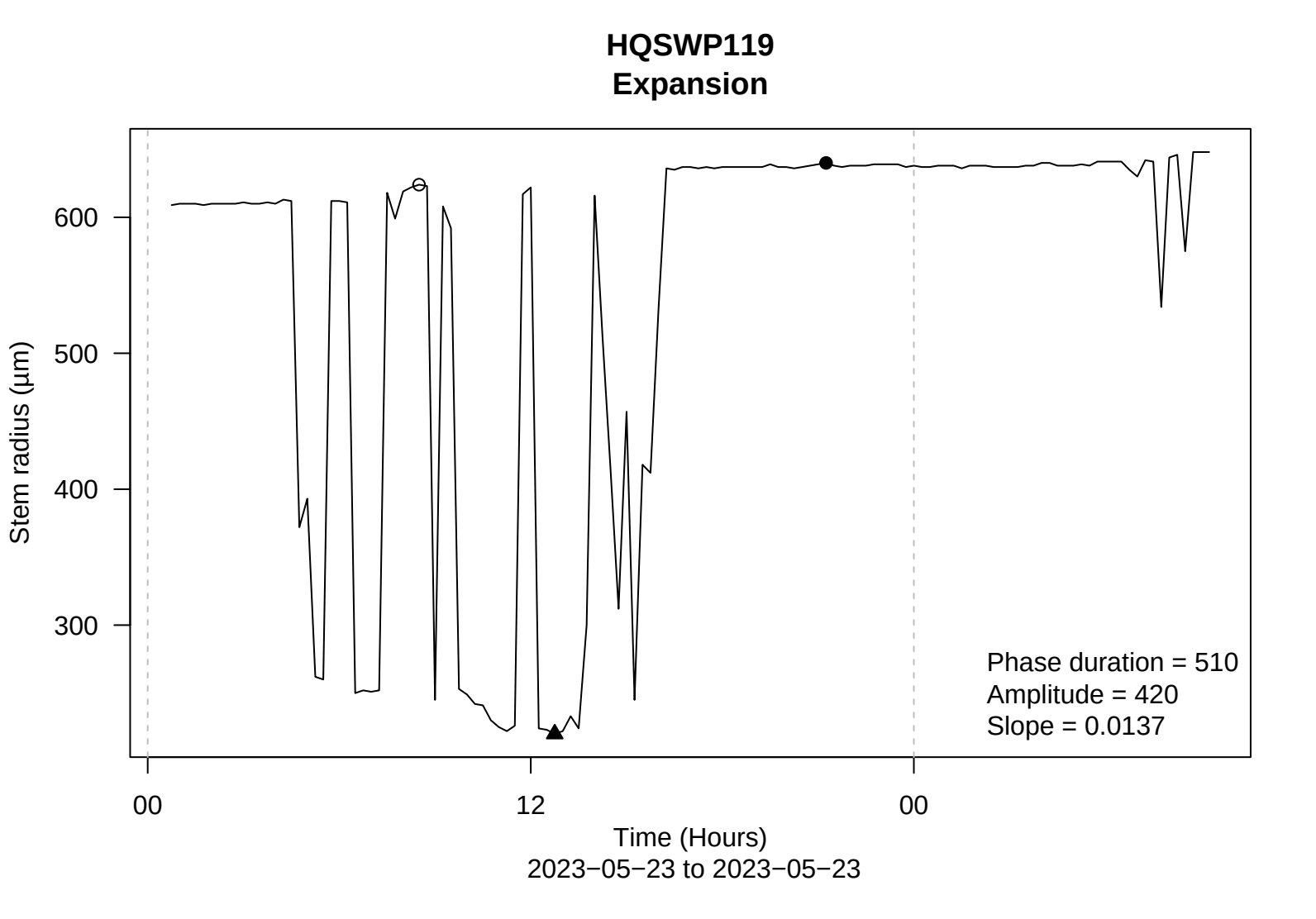

HQSWP119
Expansion
520
500
480
460
440
Stem radius (µm)
Phase duration = 1095
Amplitude = 77
Slope = 0.0015
12
00
12
00
Time (Hours)
2023−05−19 to 2023−05−20

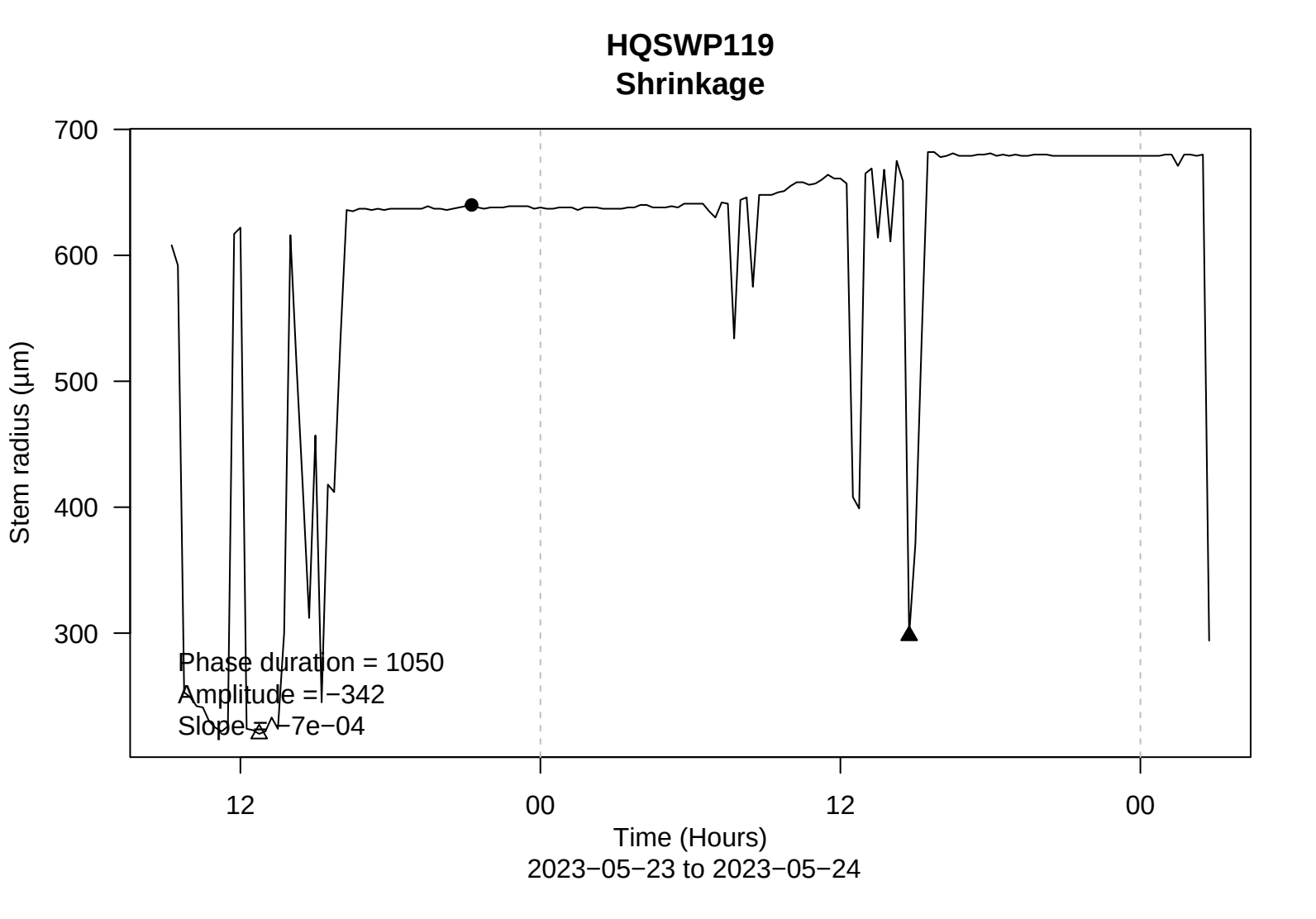

HQSWP119
Shrinkage
Stem radius (µm)
540
520
500
480
460
Phase duration = 330
Amplitude = −4
Slope = −2e−04
06
12
18
00
06
Time (Hours)
2023−05−20 to 2023−05−20

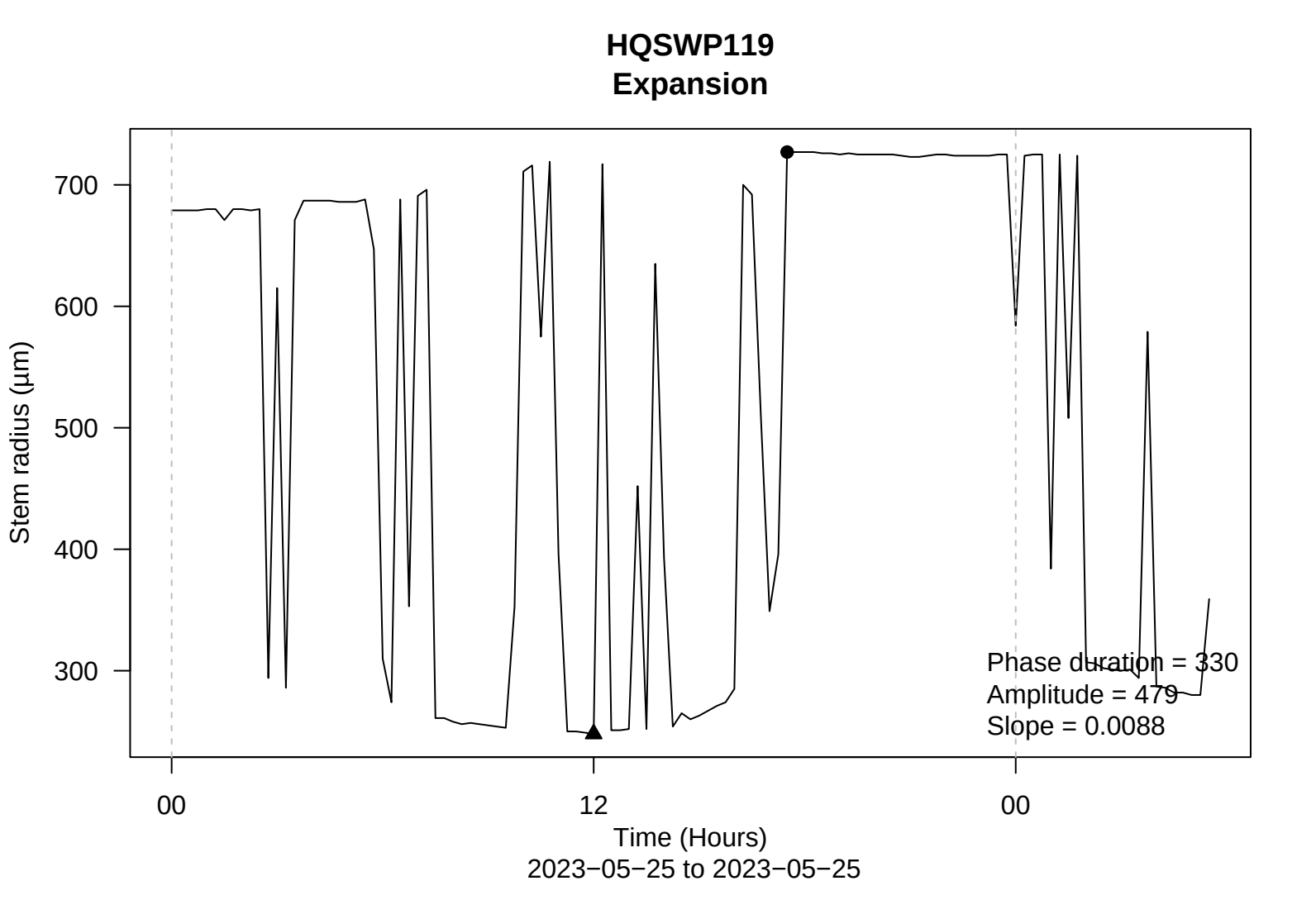

HQSWP119
Expansion
Stem radius (µm)
580
560
540
520
500
12
00
12
00
Time (Hours)
2023−05−20 to 2023−05−21
Phase duration = 1125
Amplitude = 68
Slope = 0.0011

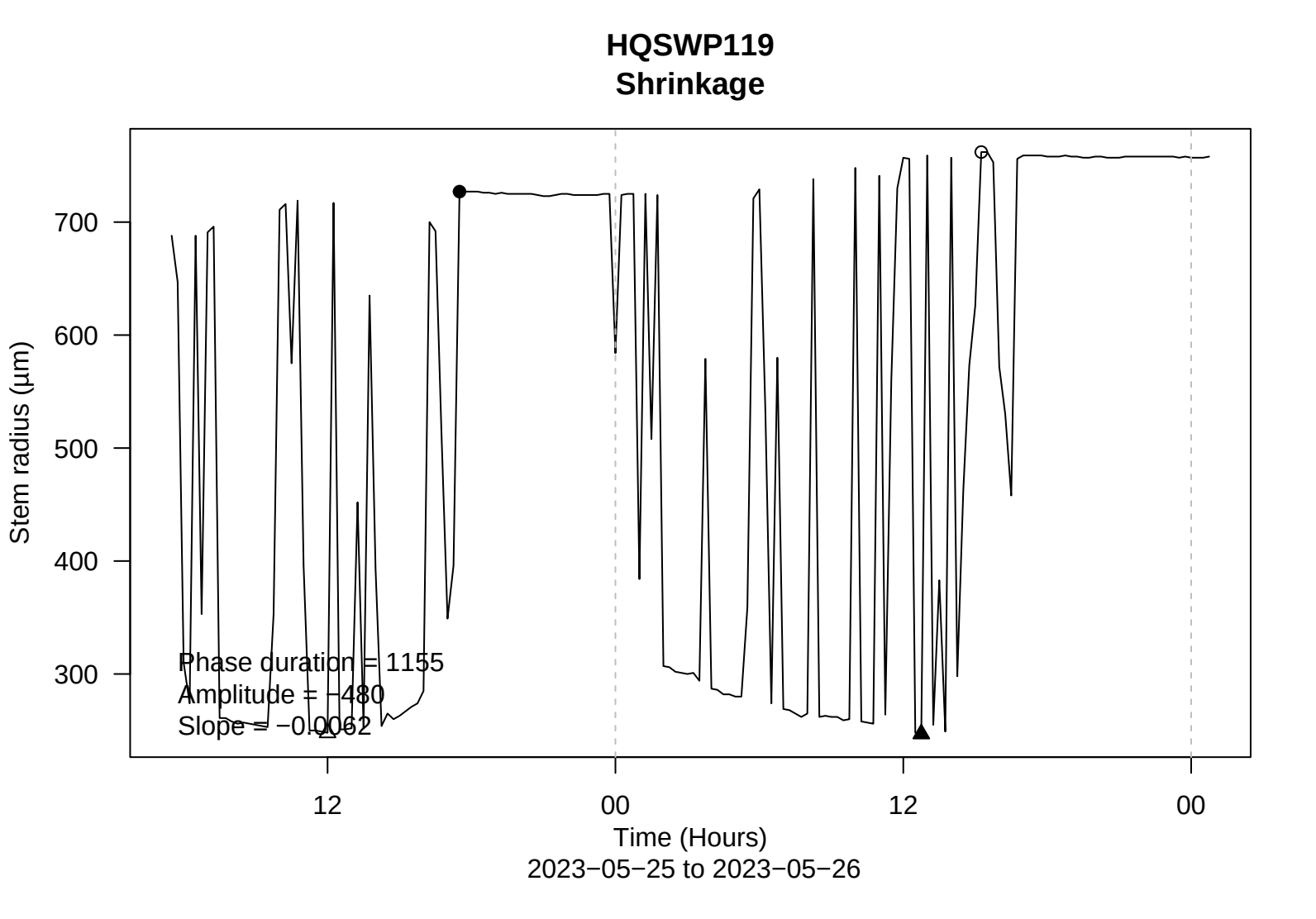

HQSWP119
Shrinkage
600
500
400
300
Stem radius (µm)
Phase duration = 1215
Amplitude = −337
Slope = −8e−04
12
00
12
00
Time (Hours)
2023−05−21 to 2023−05−22

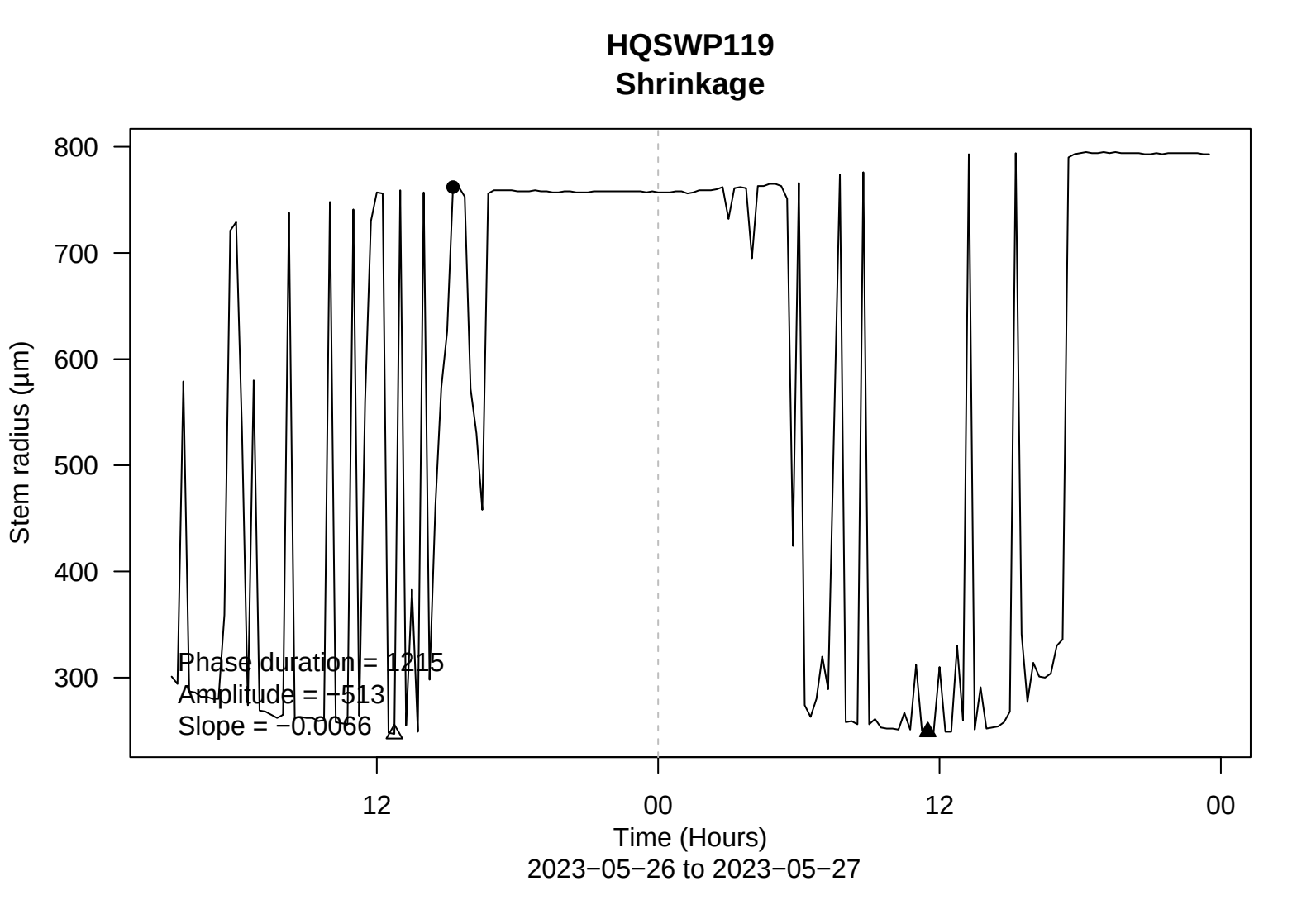

HQSWP119
Shrinkage
Stem radius (µm)
600
500
400
300
Phase duration = 255
Amplitude = −404
Slope = −0.0151
00
06
12
18
00
Time (Hours)
2023−05−23 to 2023−05−23

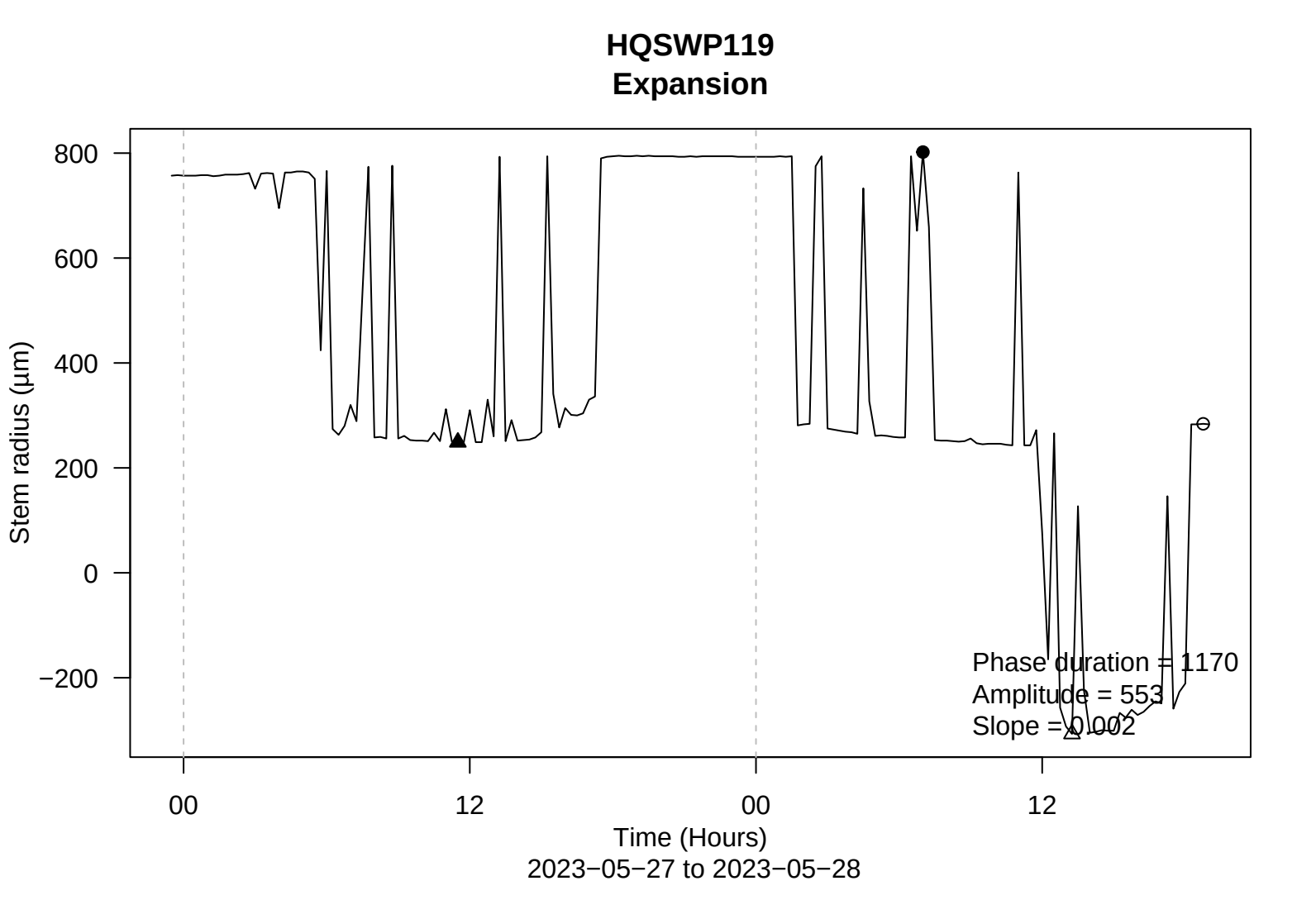

HQSWP119
Expansion
600
500
400
300
Stem radius (µm)
Phase duration = 510
Amplitude = 420
Slope = 0.0137
00
12
00
Time (Hours)
2023−05−23 to 2023−05−23

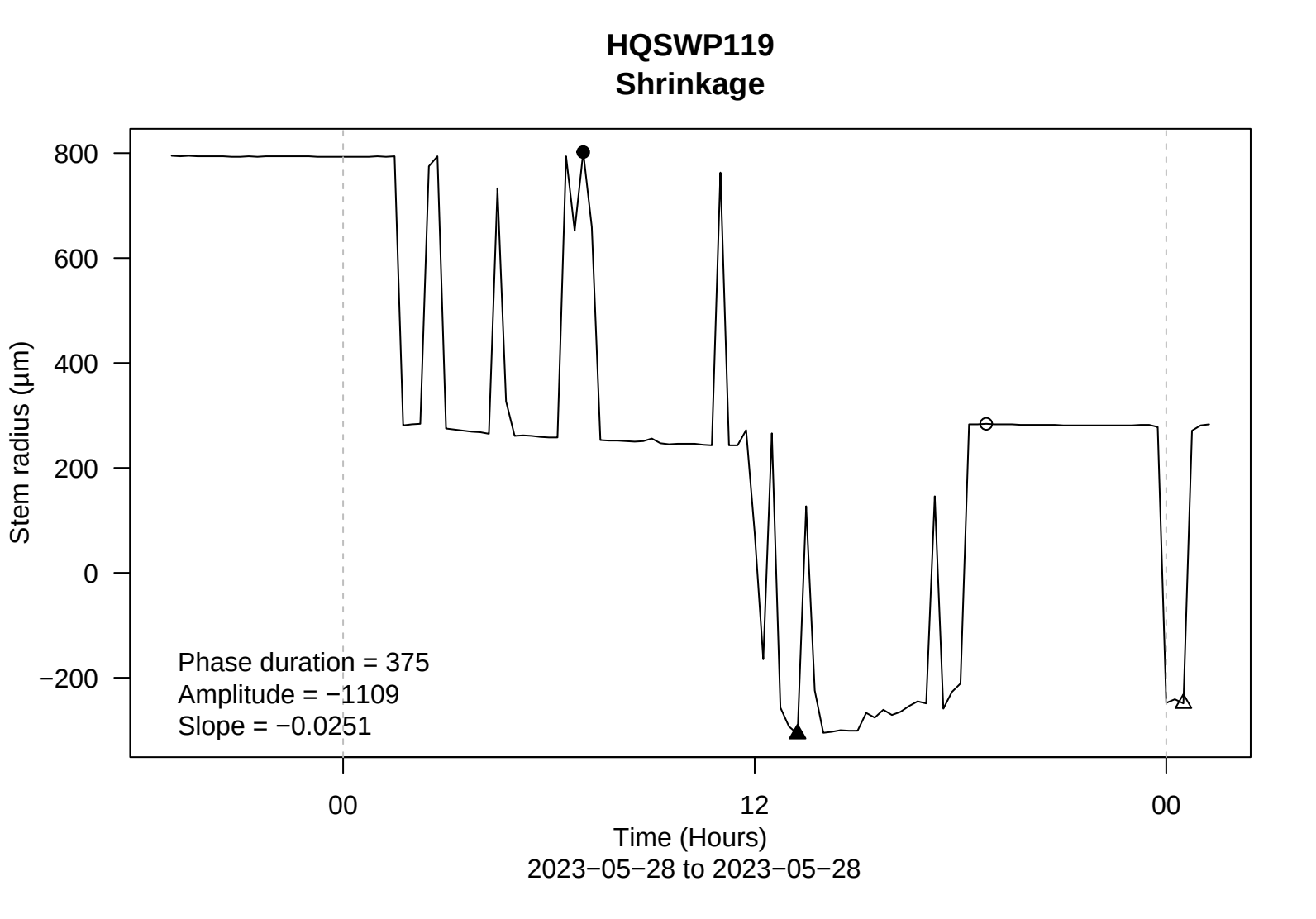

HQSWP119
Shrinkage
700
600
500
400
300
Stem radius (µm)
Phase duration = 1050
Amplitude = −342
Slope = −7e−04
12
00
12
00
Time (Hours)
2023−05−23 to 2023−05−24

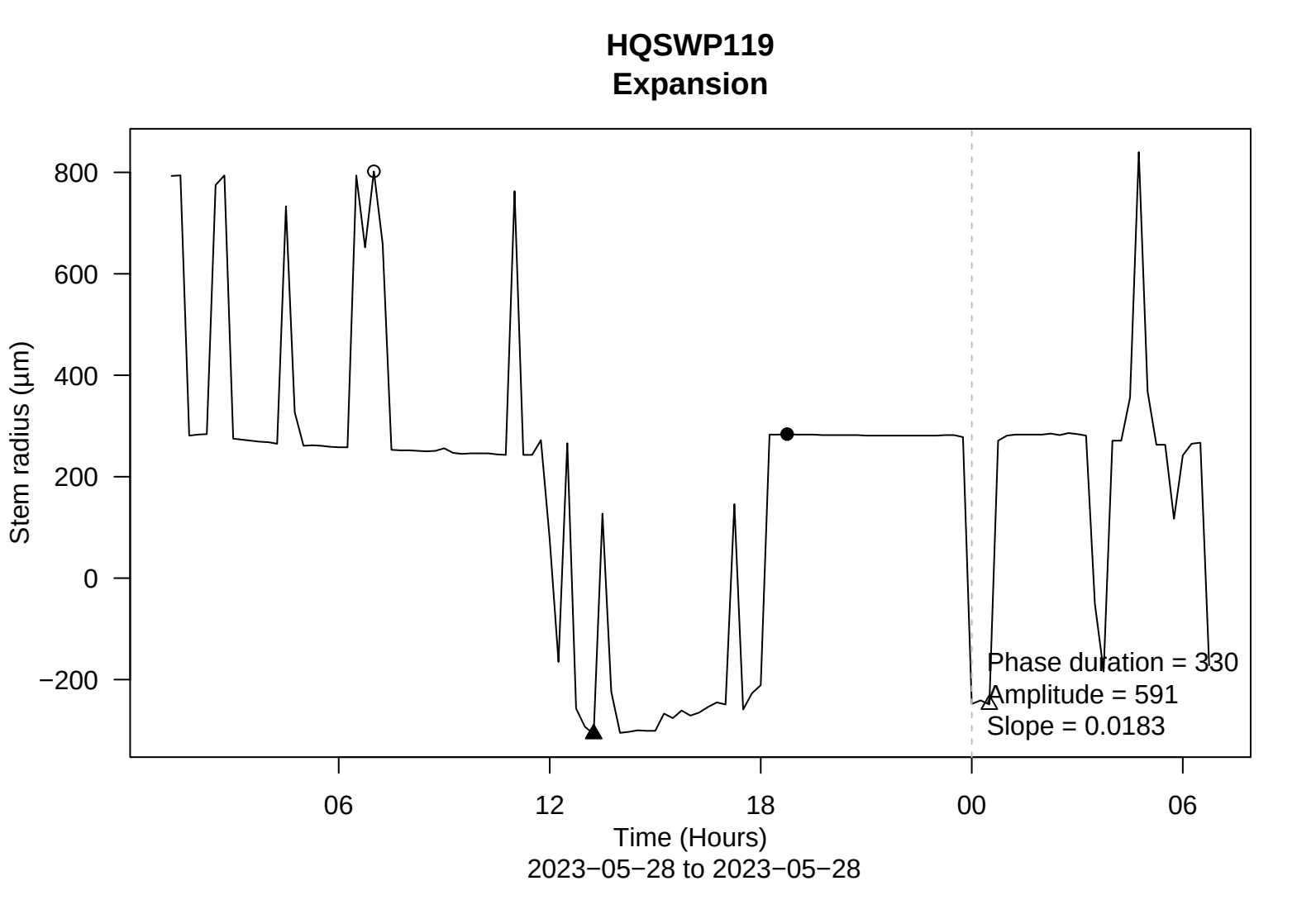

HQSWP119
Expansion
Stem radius (µm)
700
600
500
400
300
00
12
00
Time (Hours)
2023−05−25 to 2023−05−25
Phase duration = 330
Amplitude = 479
Slope = 0.0088

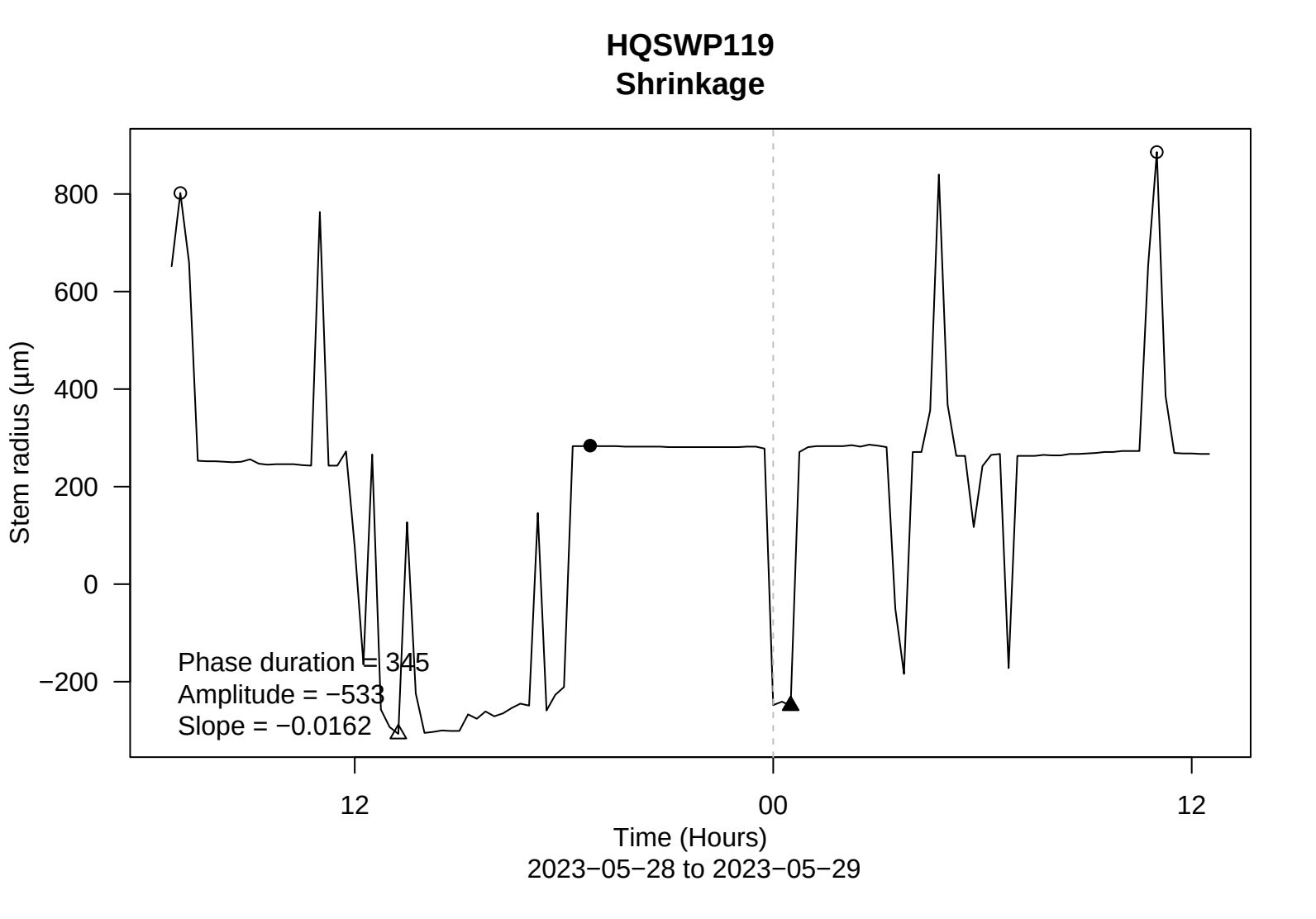

HQSWP119
Shrinkage
Stem radius (µm)
700
600
500
400
300
Phase duration = 1155
Amplitude = −480
Slope = −0.4062
12
00
12
00
Time (Hours)
2023−05−25 to 2023−05−26

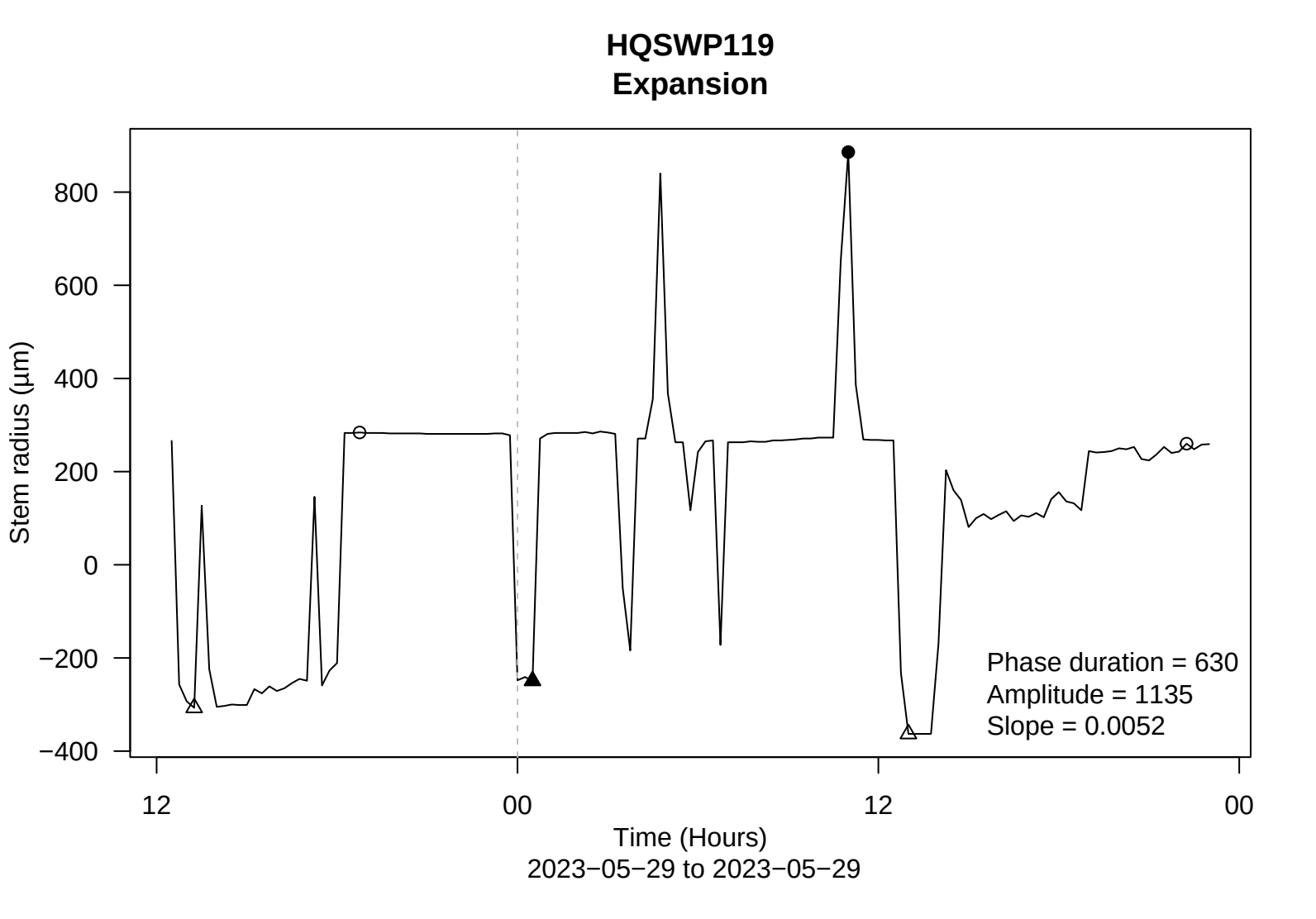

HQSWP119
Shrinkage
800
700
600
500
400
300
Stem radius (µm)
Phase duration = 1215
Amplitude = −513
Slope = −0.0066
12
00
12
00
Time (Hours)
2023−05−26 to 2023−05−27

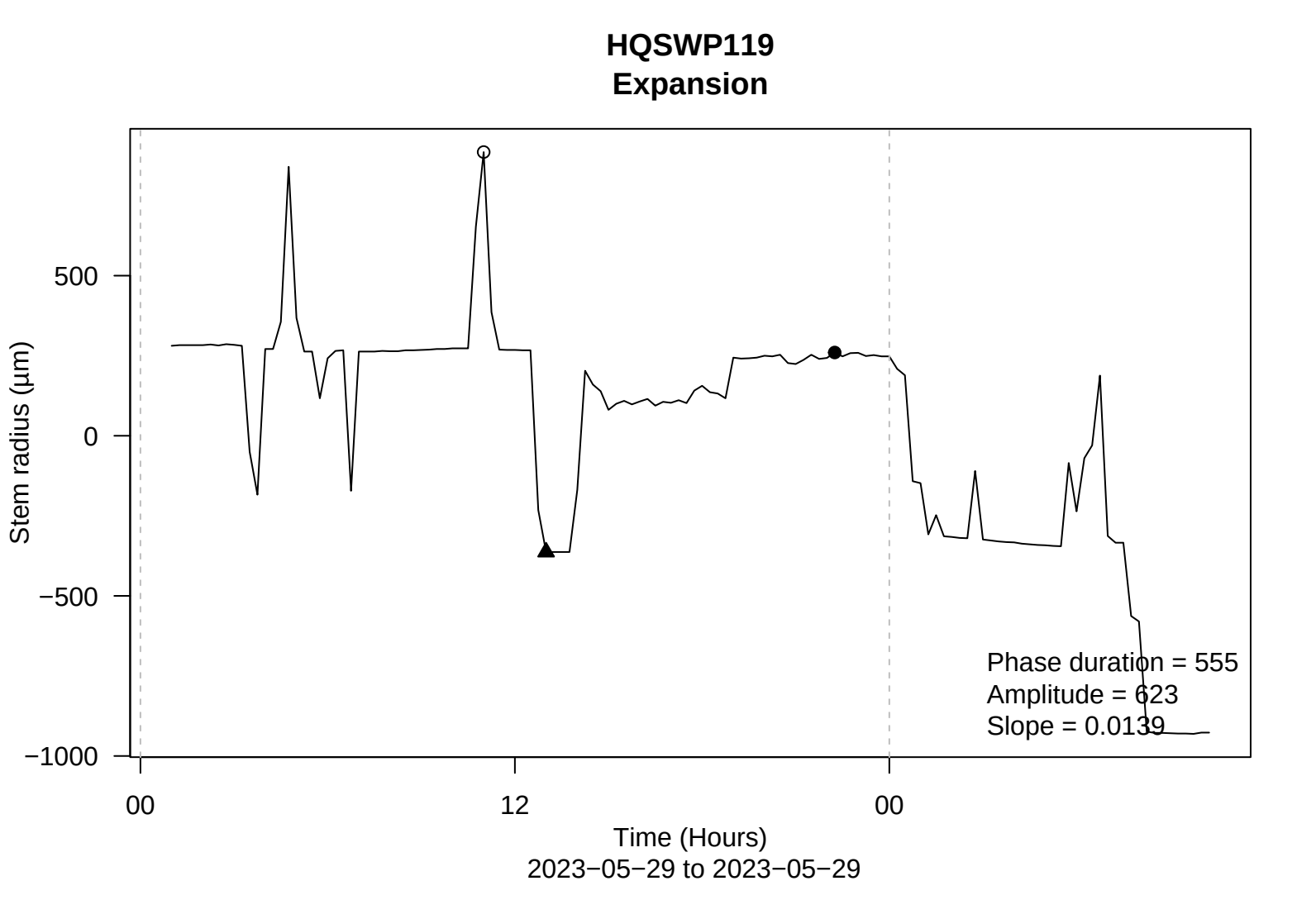

HQSWP119
Expansion
800
600
400
200
0
−200
Stem radius (µm)
Phase duration = 1170
Amplitude = 553
Slope = 0.002
00
12
00
12
Time (Hours)
2023−05−27 to 2023−05−28

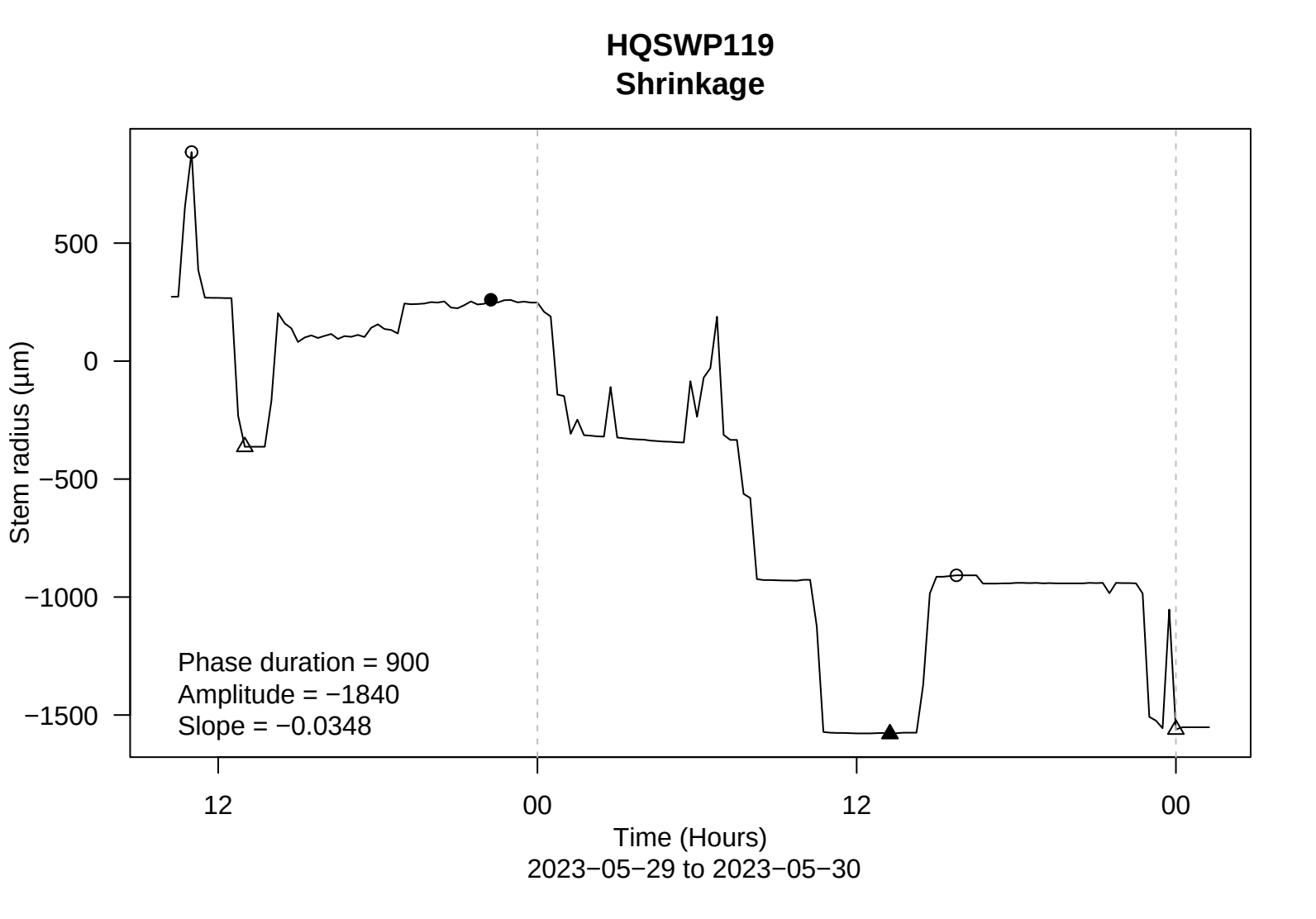

HQSWP119
Shrinkage
800
600
400
200
0
−200
Stem radius (µm)
Phase duration = 375
Amplitude = −1109
Slope = −0.0251
00
12
00
Time (Hours)
2023−05−28 to 2023−05−28

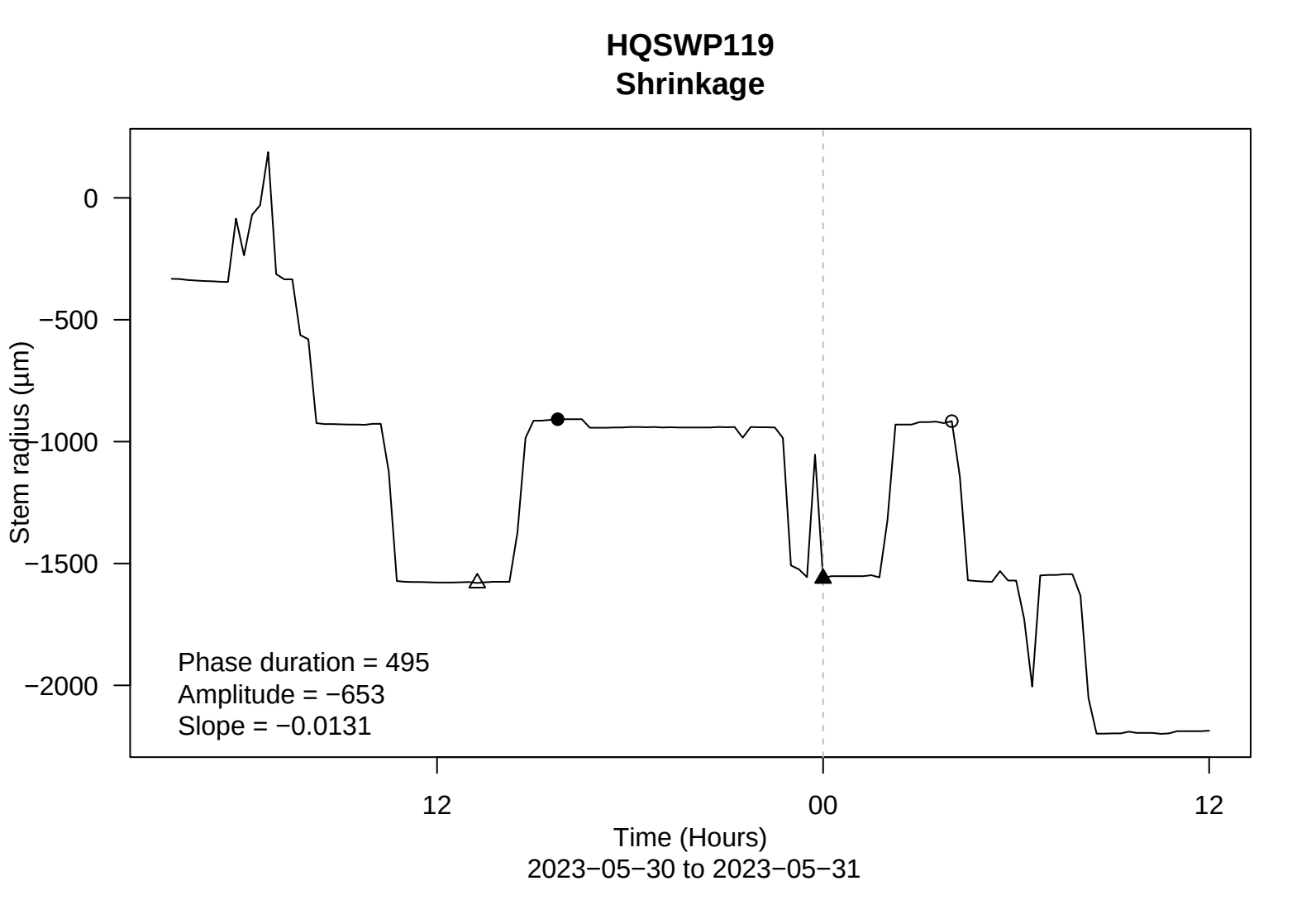

HQSWP119
Expansion
800
600
400
200
0
−200
Stem radius (µm)
06
12
18
00
06
Time (Hours)
2023−05−28 to 2023−05−28
Phase duration = 330
Amplitude = 591
Slope = 0.0183

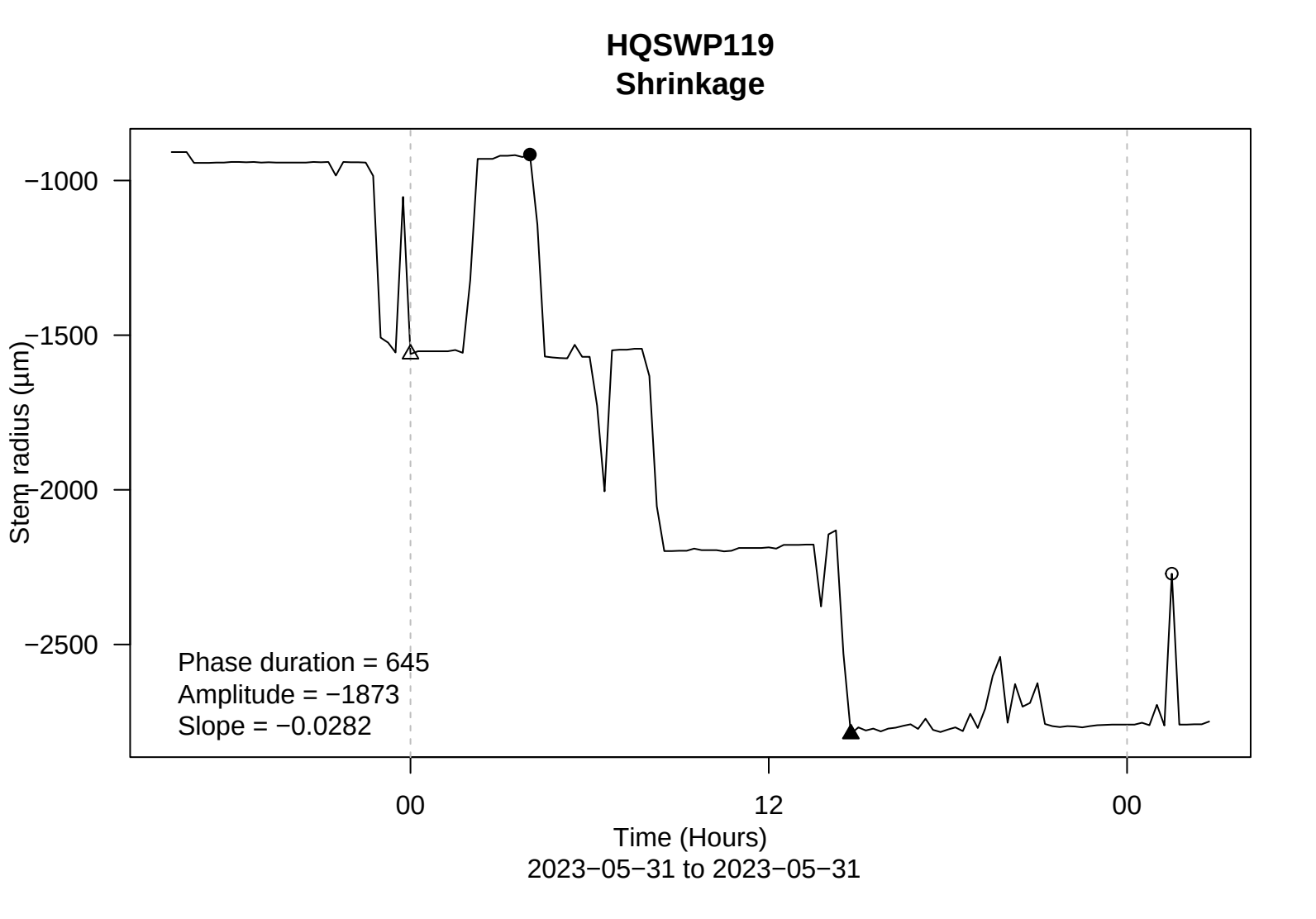

HQSWP119
Shrinkage
800
600
400
200
0
−200
Stem radius (µm)
Phase duration = 345
Amplitude = −533
Slope = −0.0162
12
00
12
Time (Hours)
2023−05−28 to 2023−05−29

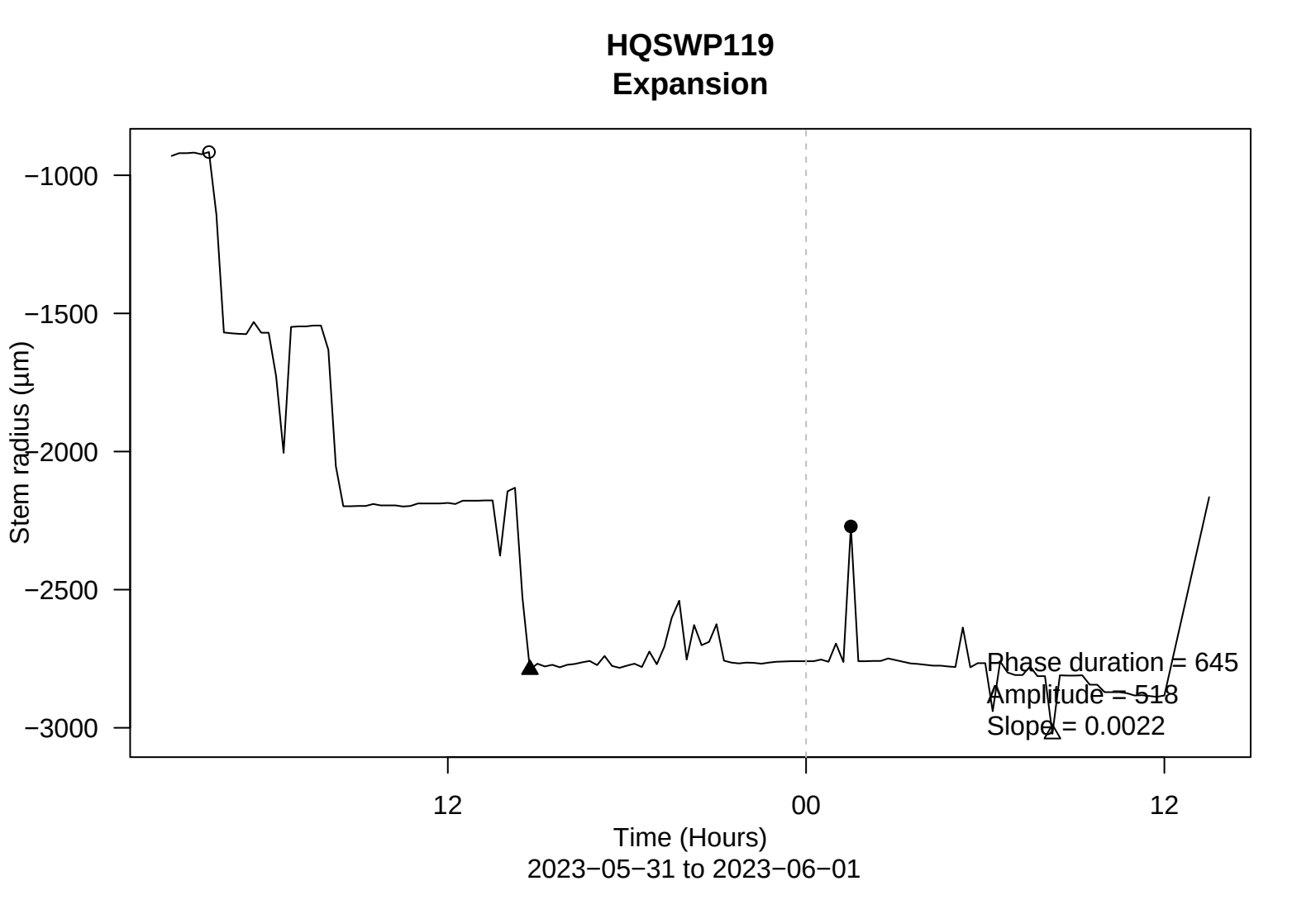

HQSWP119
Expansion
Stem radius (µm)
800
600
400
200
0
−200
−400
12
00
12
00
Time (Hours)
2023−05−29 to 2023−05−29
Phase duration = 630
Amplitude = 1135
Slope = 0.0052

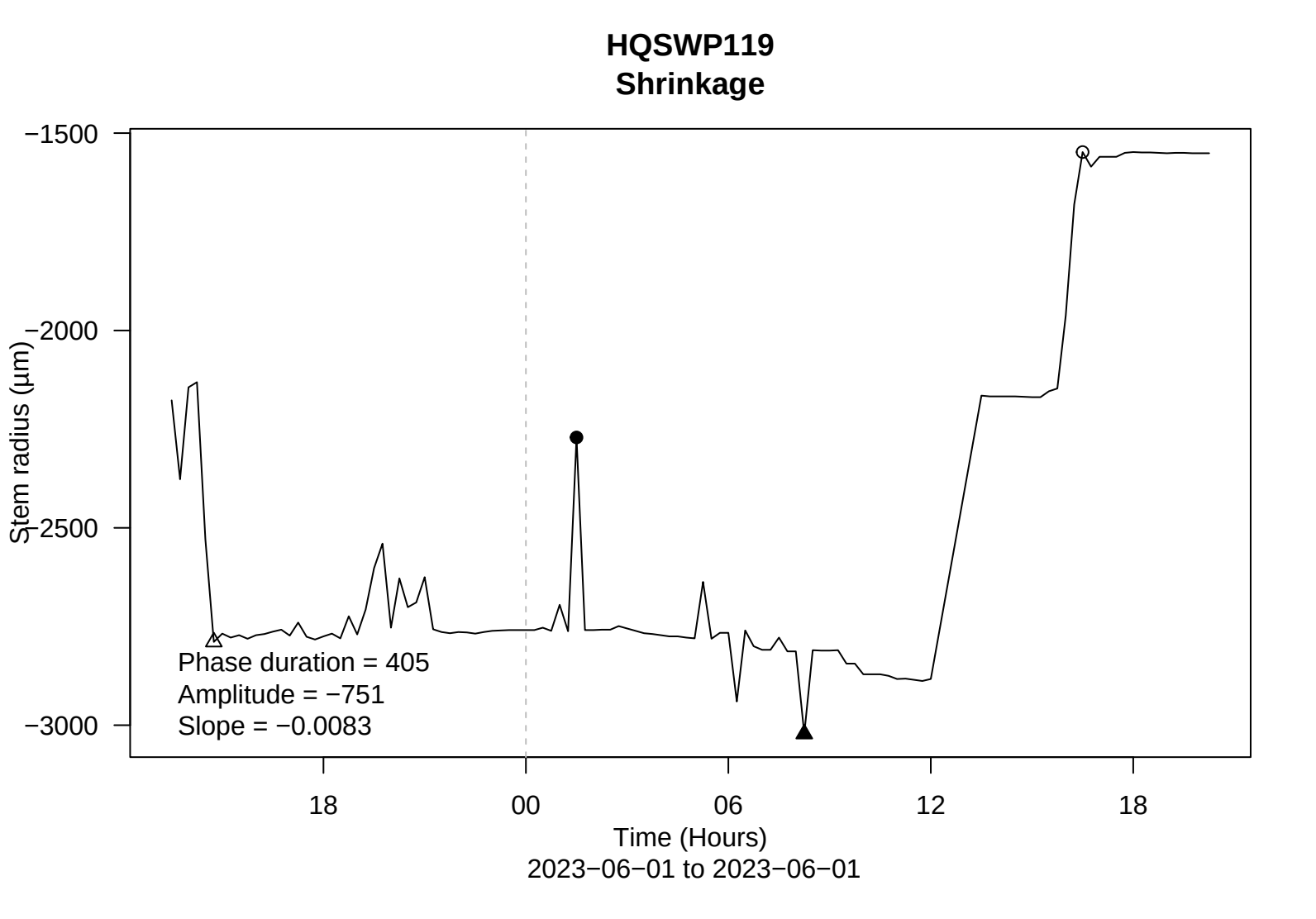

HQSWP119
Expansion
500
0
−500
−1000
Stem radius (µm)
00
12
00
Time (Hours)
2023−05−29 to 2023−05−29
Phase duration = 555
Amplitude = 623
Slope = 0.0139

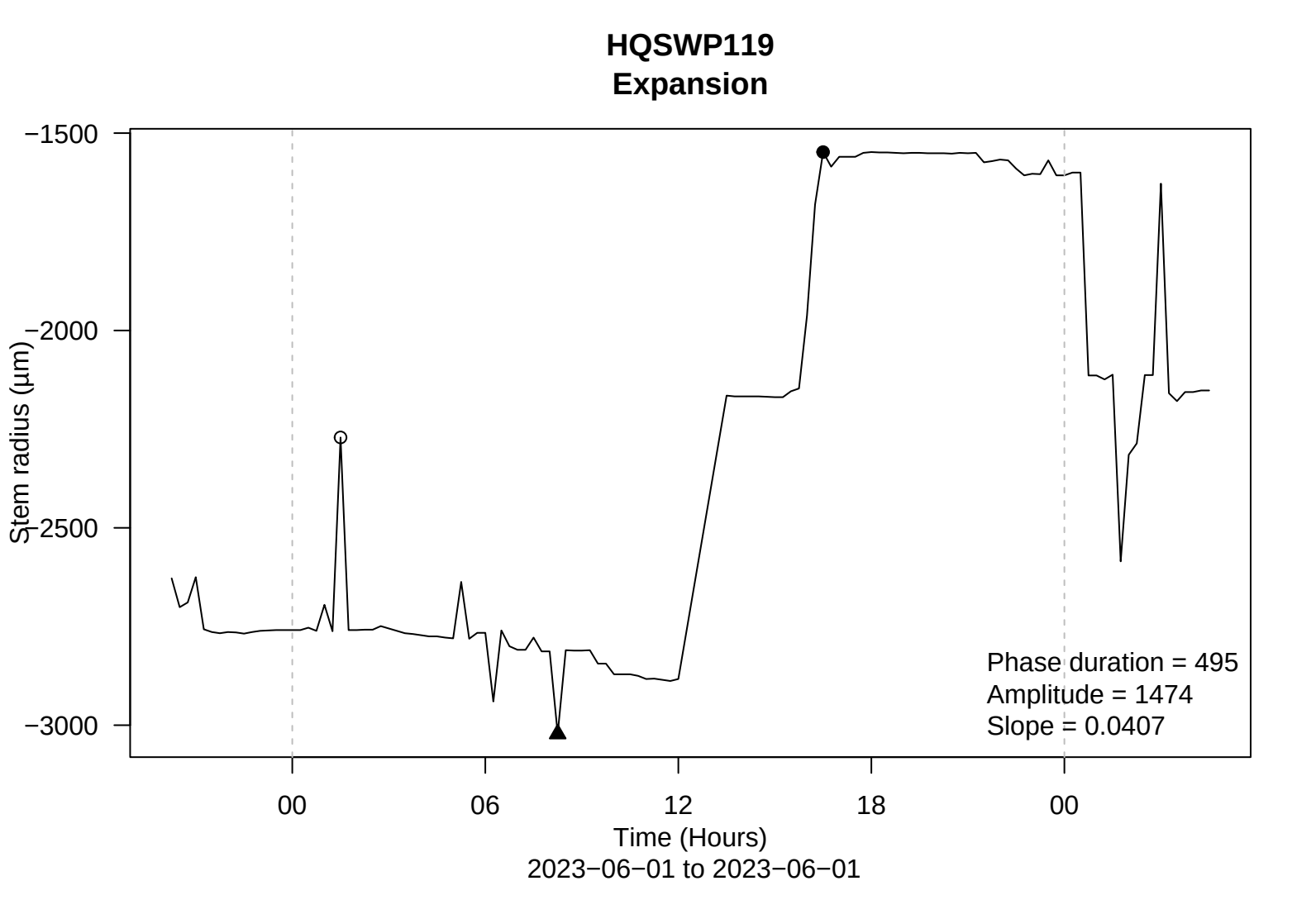

HQSWP119
Shrinkage
500
0
−500
−1000
−1500
Stem radius (µm)
Phase duration = 900
Amplitude = −1840
Slope = −0.0348
12
00
12
00
Time (Hours)
2023−05−29 to 2023−05−30

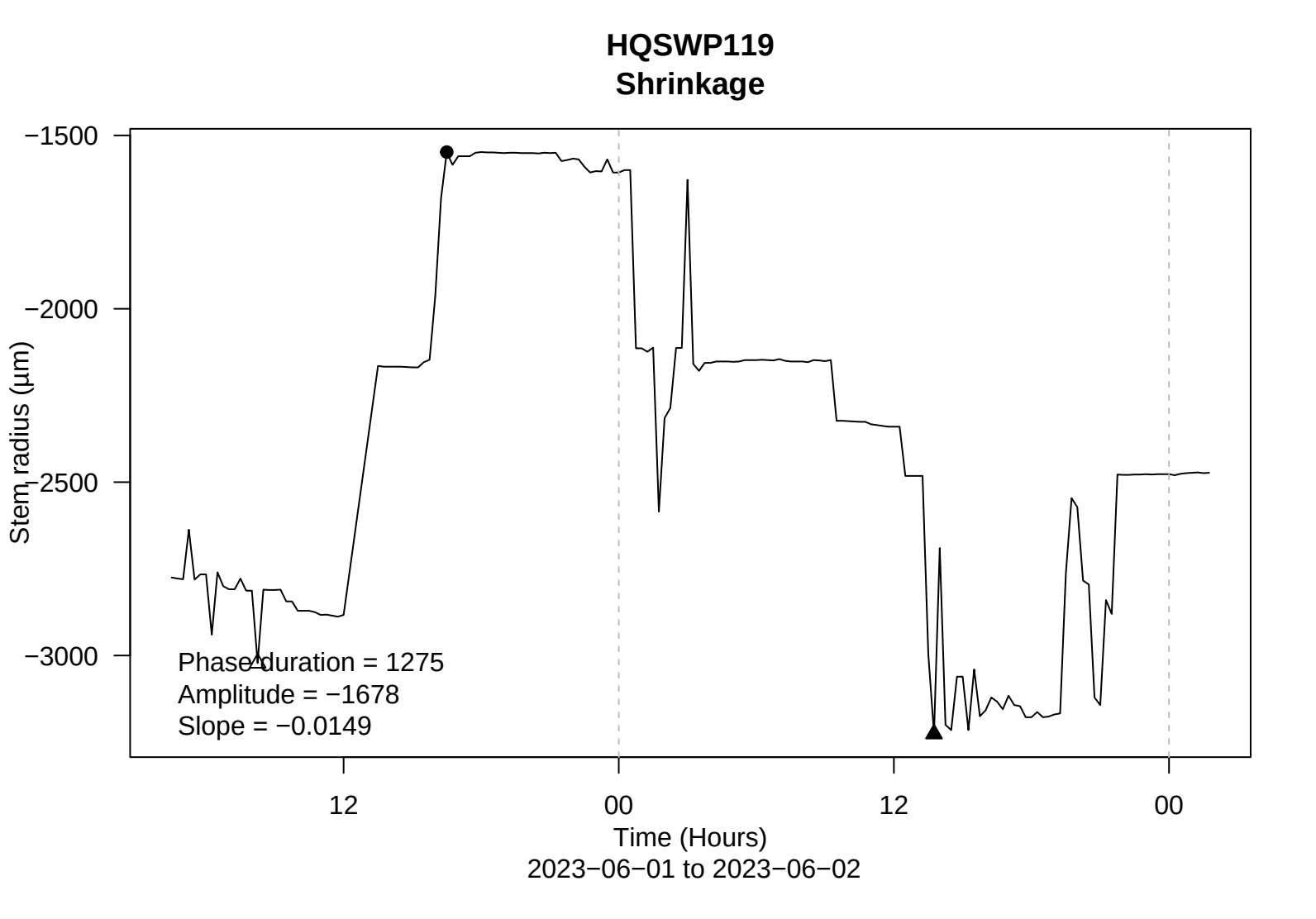

HQSWP119
Shrinkage
0
−500
−1000
−1500
−2000
Stem radius (µm)
Phase duration = 495
Amplitude = −653
Slope = −0.0131
12
00
12
Time (Hours)
2023−05−30 to 2023−05−31

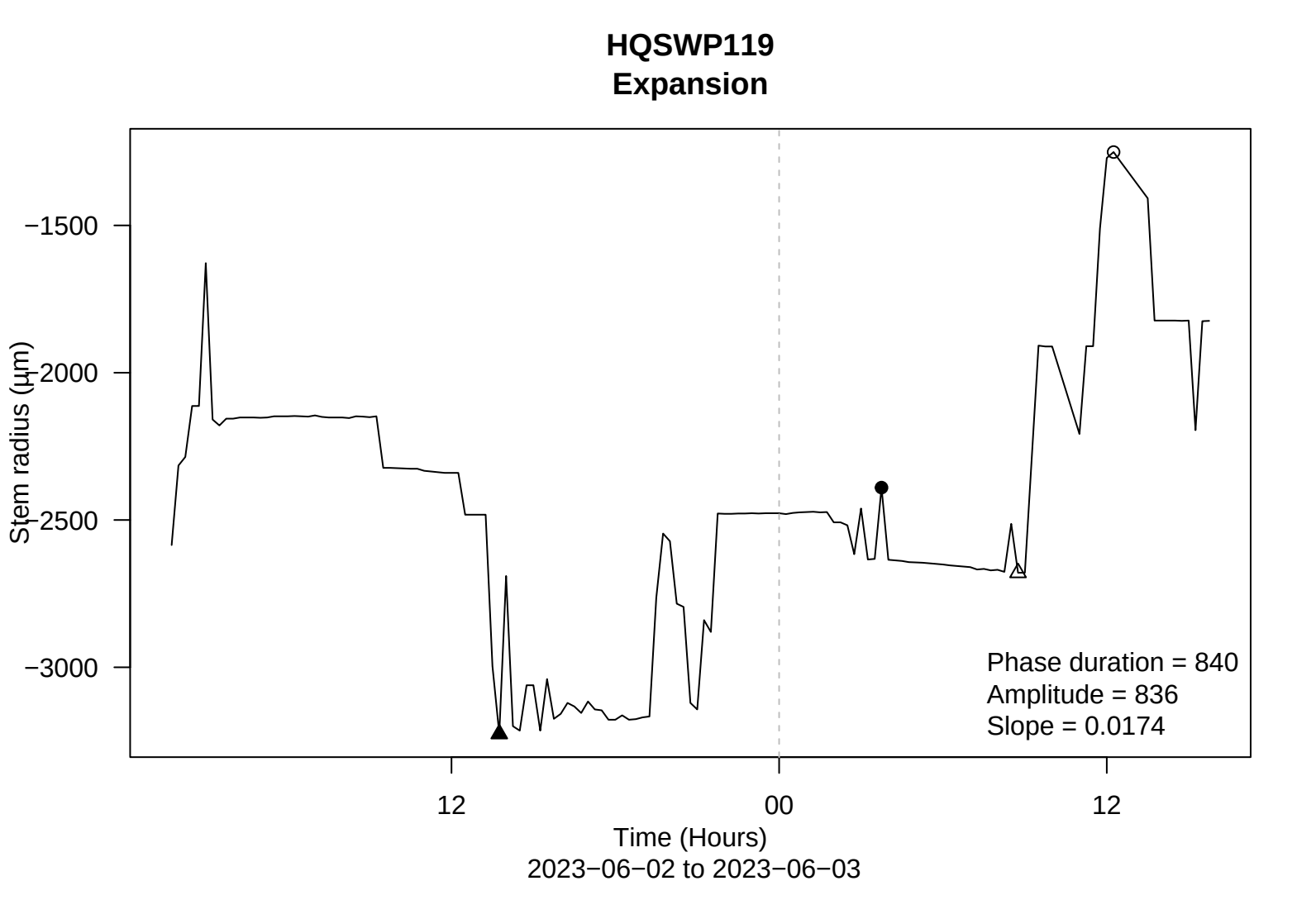

HQSWP119
Shrinkage
−1000
−1500
−2000
−2500
Stem radius (µm)
Phase duration = 645
Amplitude = −1873
Slope = −0.0282
00
12
00
Time (Hours)
2023−05−31 to 2023−05−31

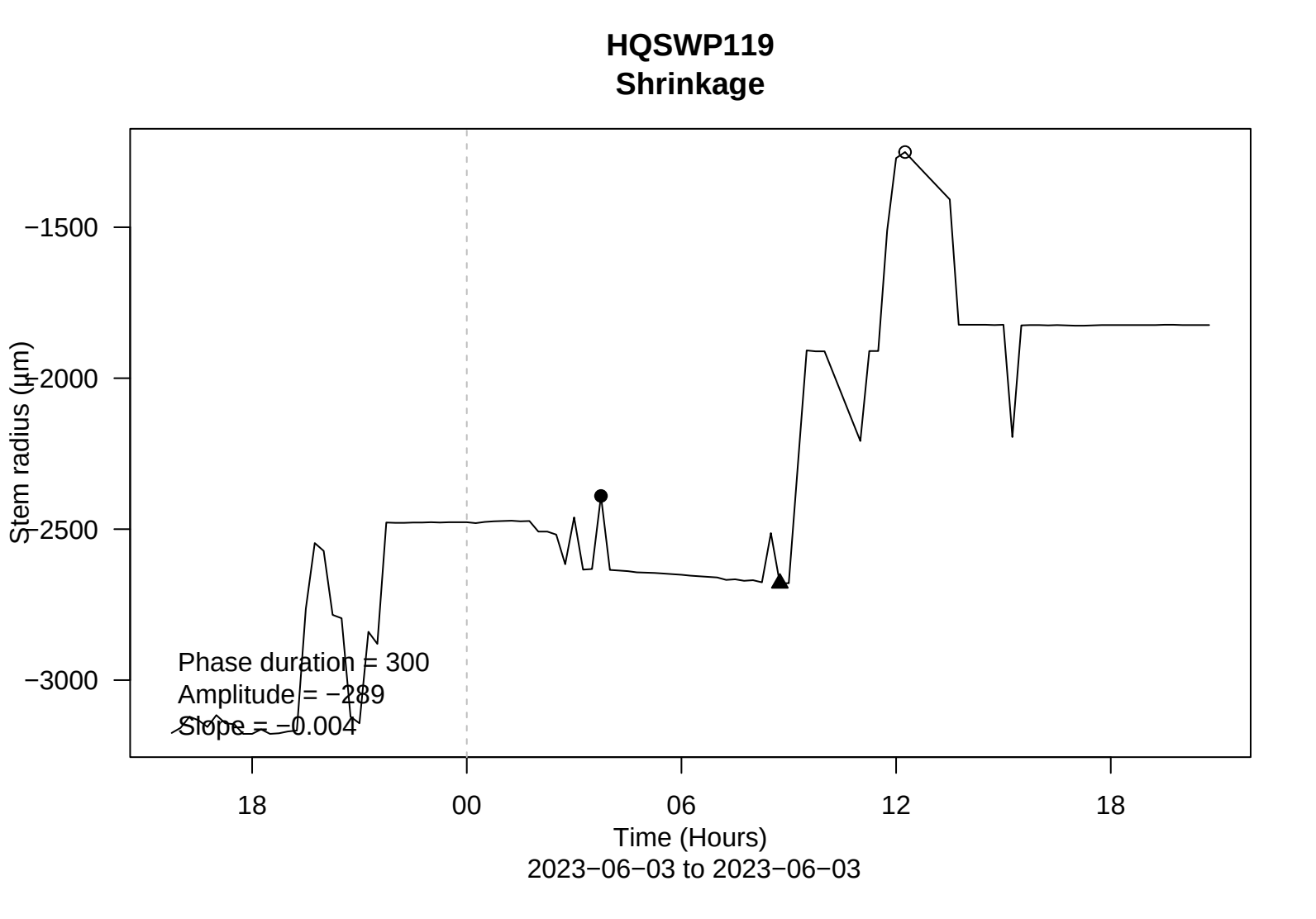

HQSWP119
Expansion
−1000
−1500
−2000
−2500
−3000
Stem radius (µm)
12
00
12
Time (Hours)
2023−05−31 to 2023−06−01
Phase duration = 645
Amplitude = 518
Slope = 0.0022

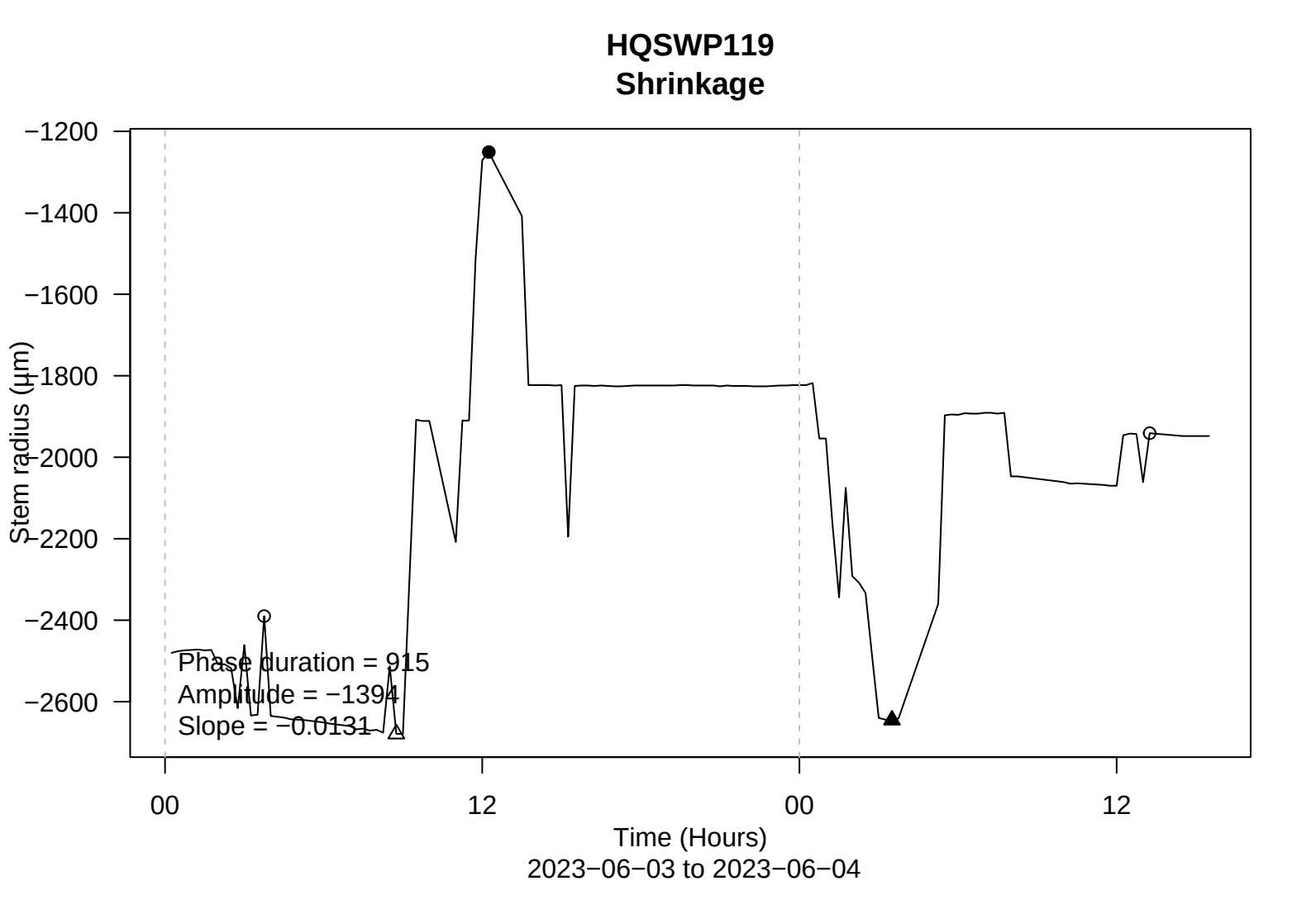

HQSWP119
Shrinkage
−1500
−2000
−2500
−3000
Stem radius (µm)
Phase duration = 405
Amplitude = −751
Slope = −0.0083
18
00
06
12
18
Time (Hours)
2023−06−01 to 2023−06−01

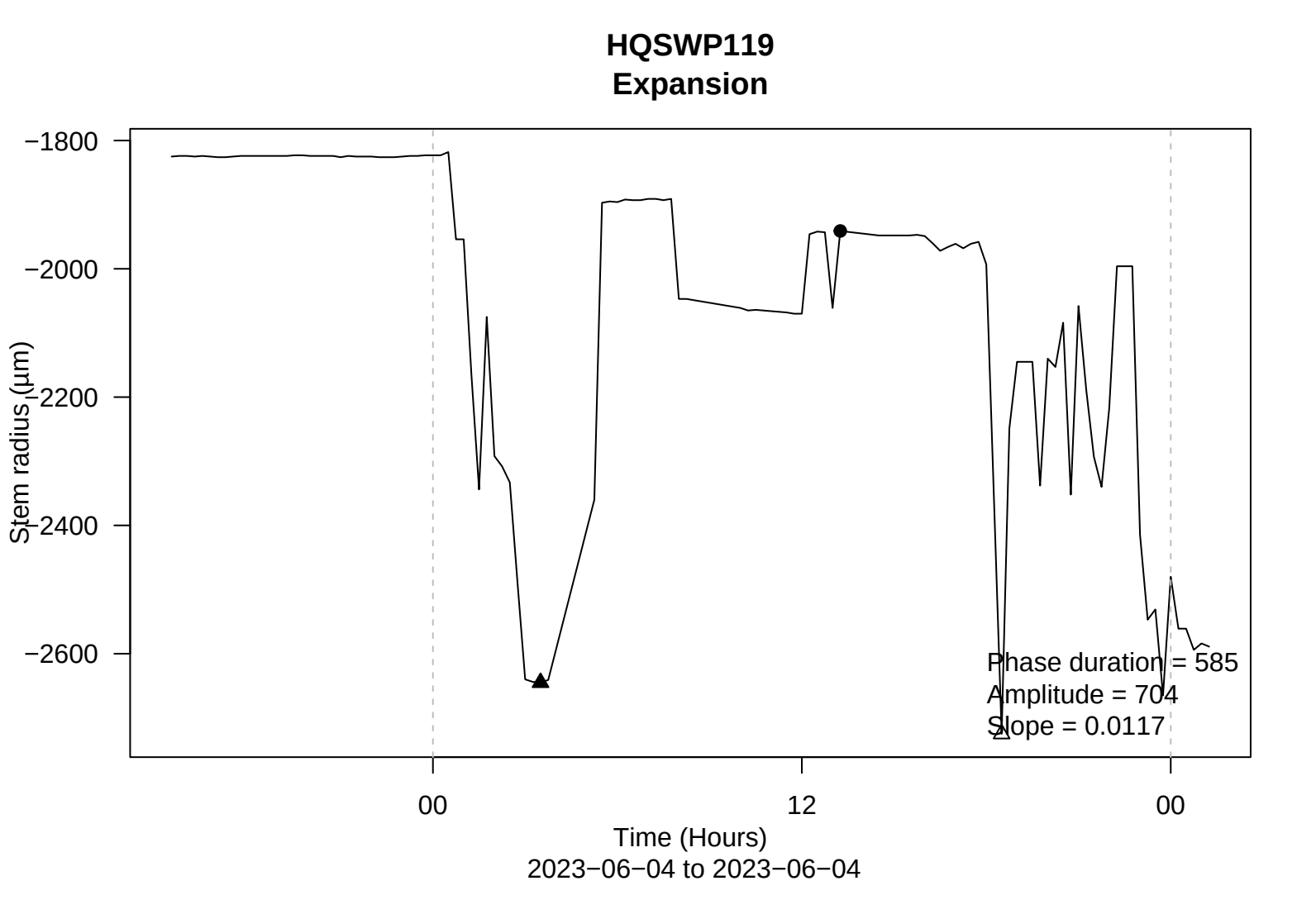

HQSWP119
Expansion
−1500
−2000
−2500
−3000
Stem radius (µm)
Phase duration = 495
Amplitude = 1474
Slope = 0.0407
00
06
12
18
00
Time (Hours)
2023−06−01 to 2023−06−01

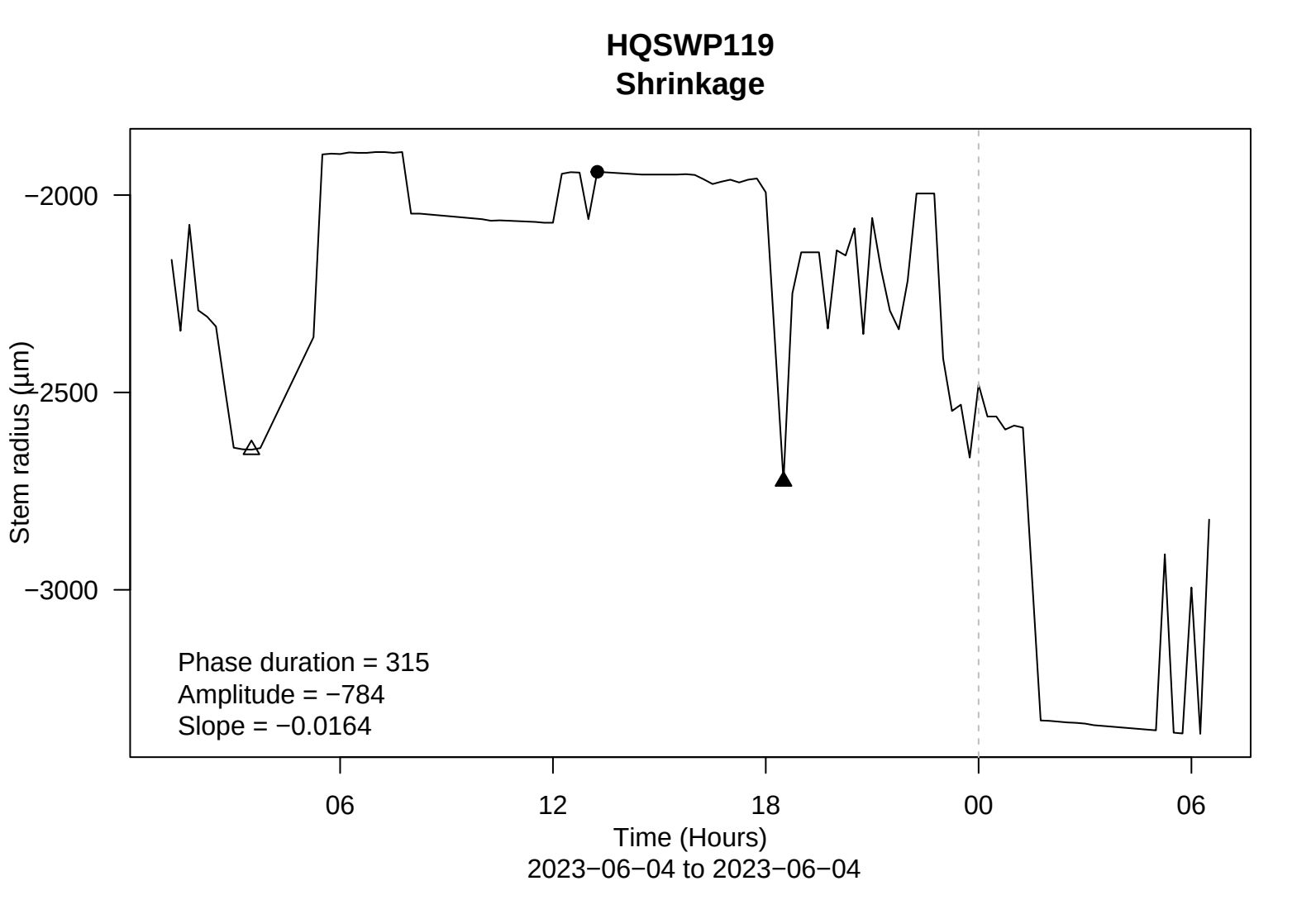

HQSWP119
Shrinkage
−1500
−2000
−2500
−3000
Stem radius (µm)
Phase duration = 1275
Amplitude = −1678
Slope = −0.0149
12
00
12
00
Time (Hours)
2023−06−01 to 2023−06−02

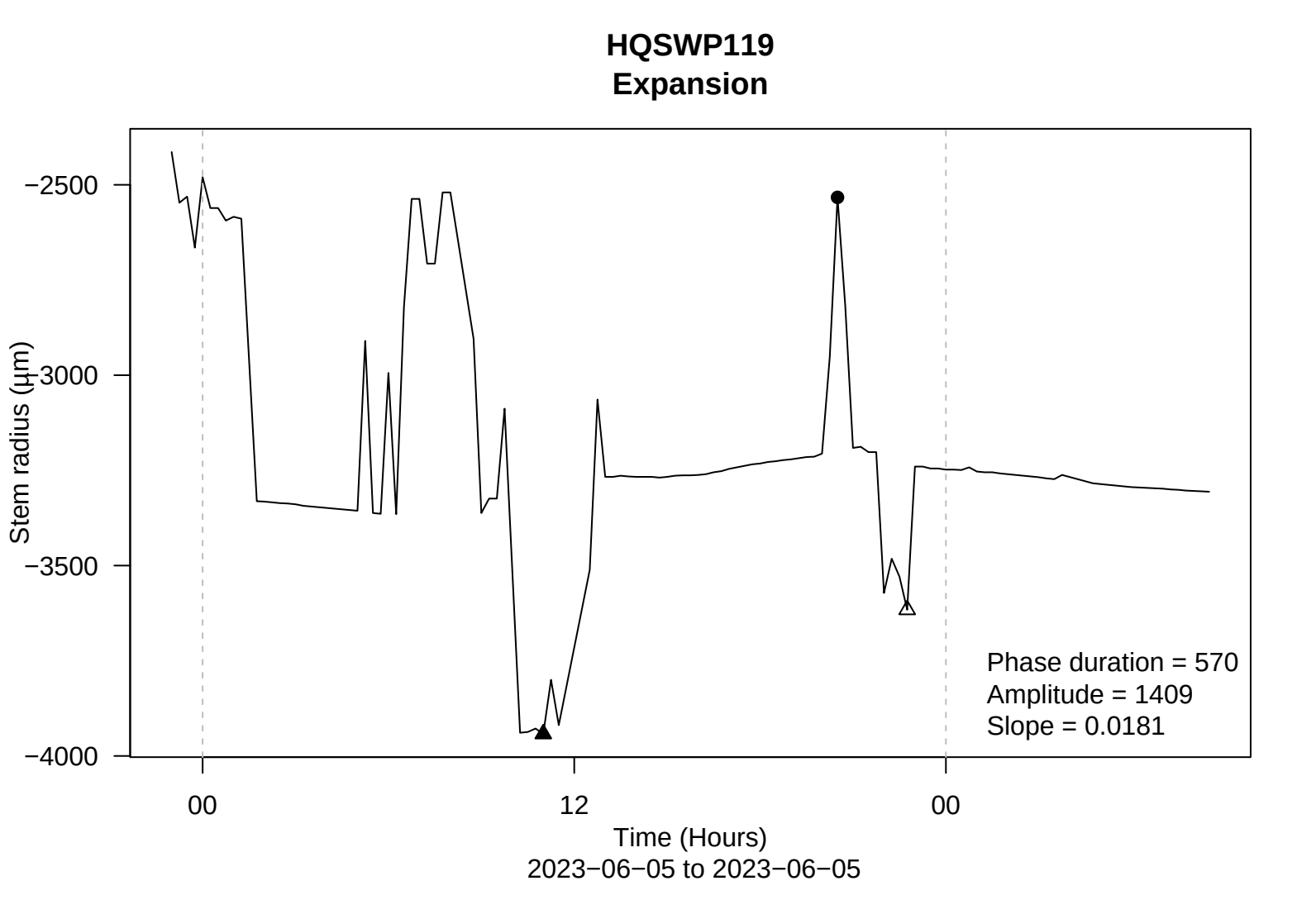

HQSWP119
Expansion
−1500
−2000
−2500
−3000
Stem radius (µm)
12
00
12
Time (Hours)
2023−06−02 to 2023−06−03
Phase duration = 840
Amplitude = 836
Slope = 0.0174

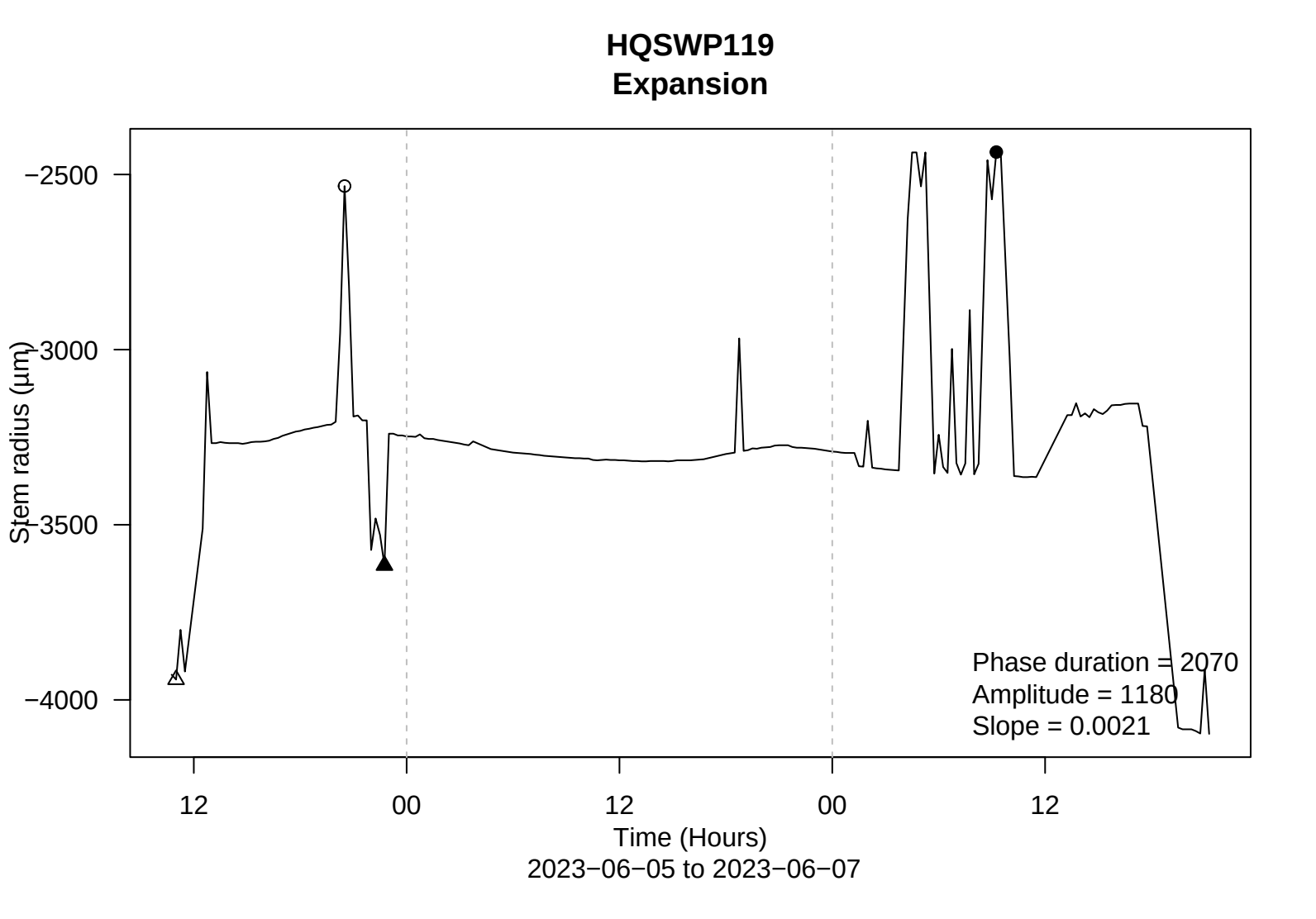

HQSWP119
Shrinkage
−1500
−2000
−2500
−3000
Stem radius (µm)
Phase duration = 300
Amplitude = −289
Slope = −0.004
18
00
06
12
18
Time (Hours)
2023−06−03 to 2023−06−03

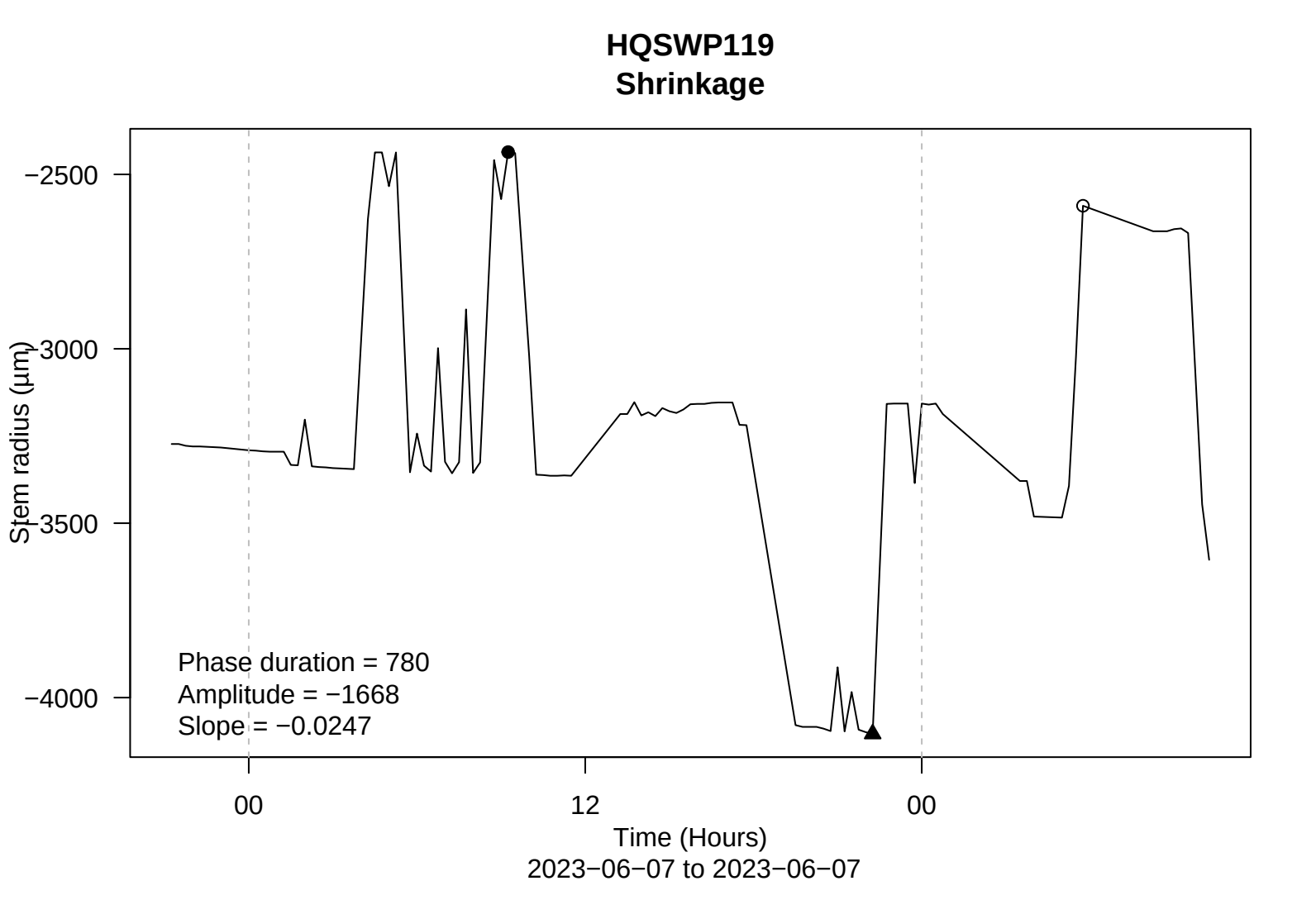

HQSWP119
Shrinkage
−1200
−1400
−1600
−1800
−2000
−2200
−2400
−2600
Stem radius (µm)
Phase duration = 915
Amplitude = −1394
Slope = −0.0131
00
12
00
12
Time (Hours)
2023−06−03 to 2023−06−04

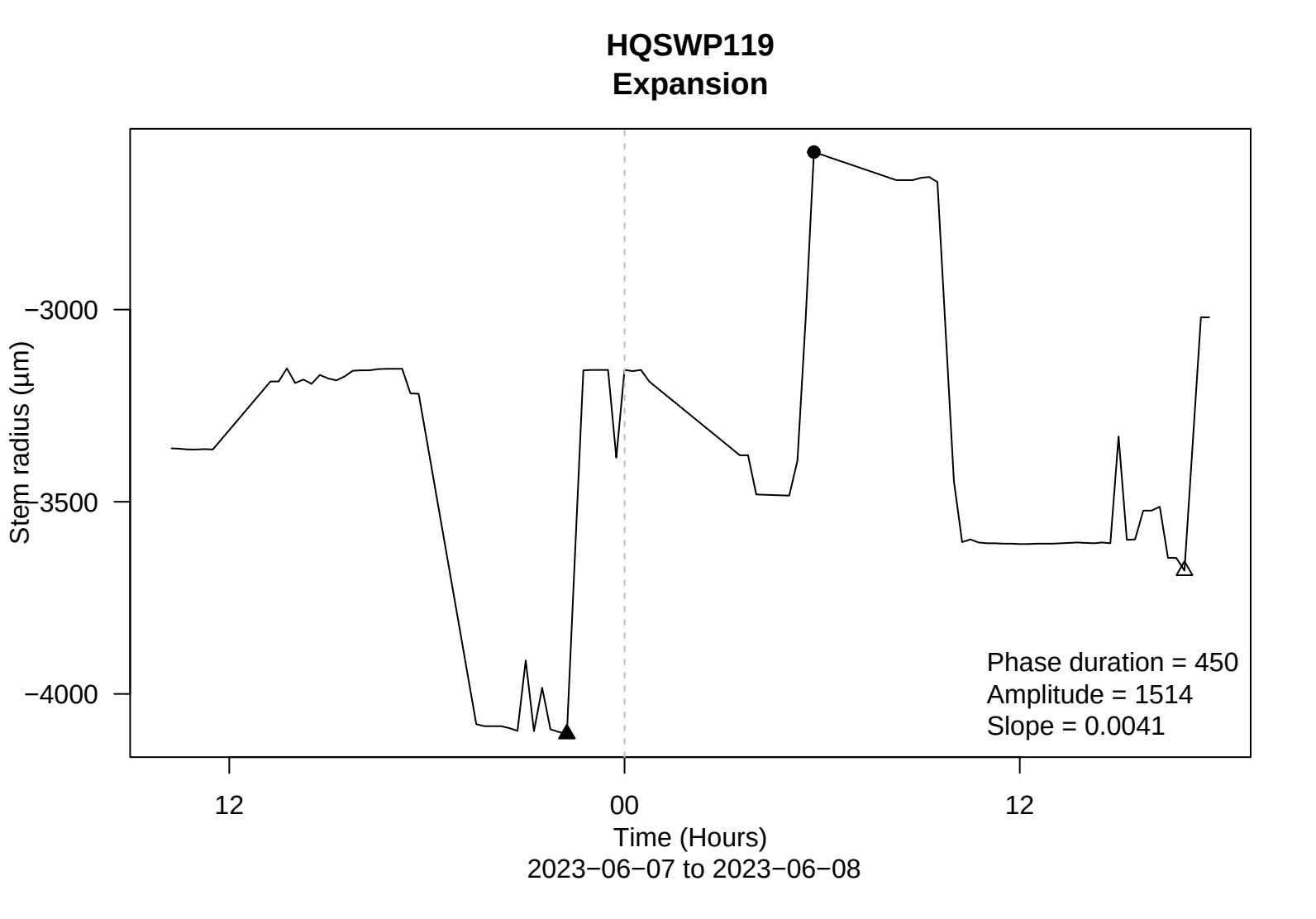

HQSWP119
Expansion
−1800
−2000
−2200
−2400
−2600
Stem radius (µm)
Phase duration = 585
Amplitude = 704
Slope = 0.0117
00
12
00
Time (Hours)
2023−06−04 to 2023−06−04

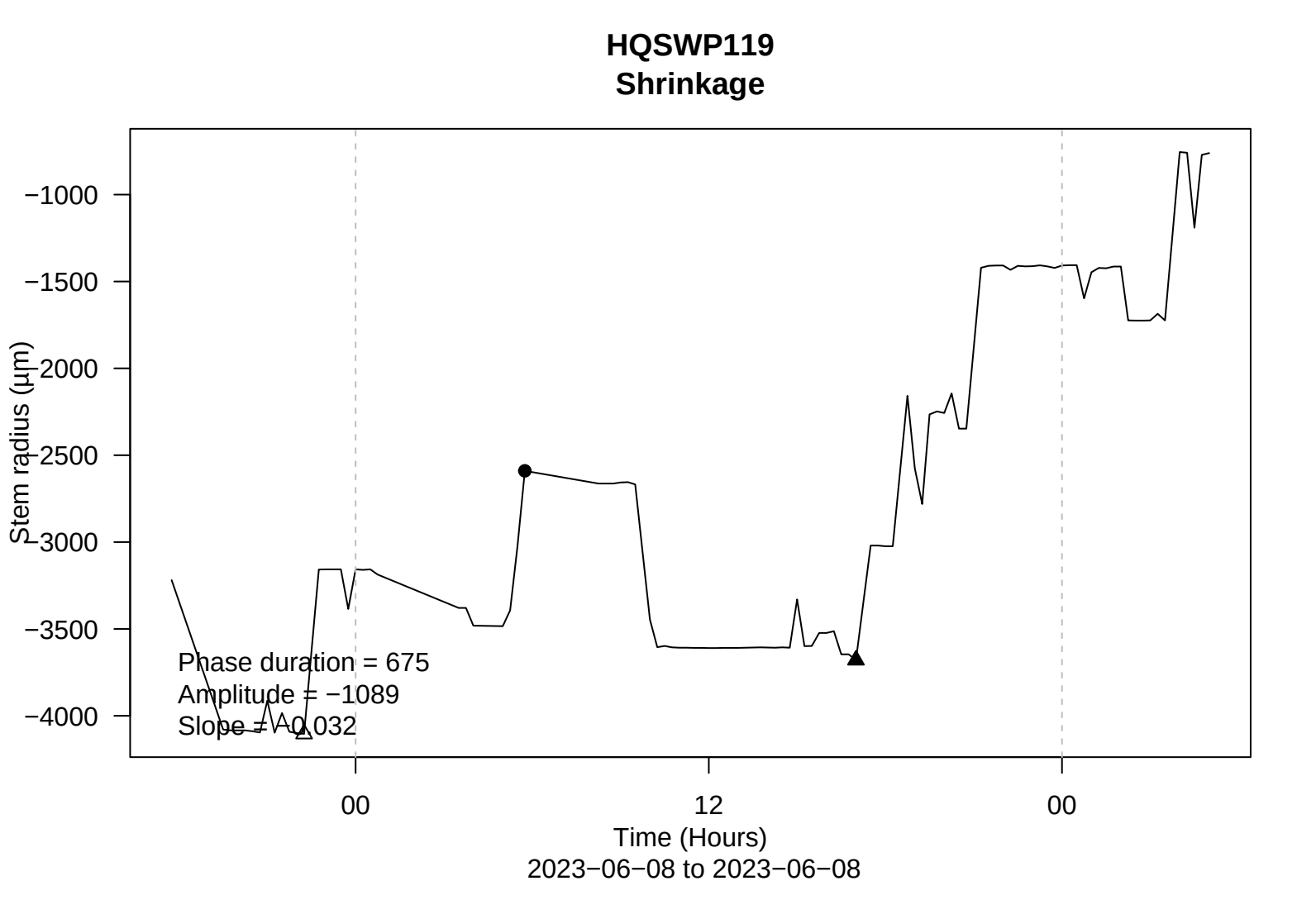

HQSWP119
Shrinkage
−2000
−2500
−3000
Stem radius (µm)
Phase duration = 315
Amplitude = −784
Slope = −0.0164
06
12
18
00
06
Time (Hours)
2023−06−04 to 2023−06−04

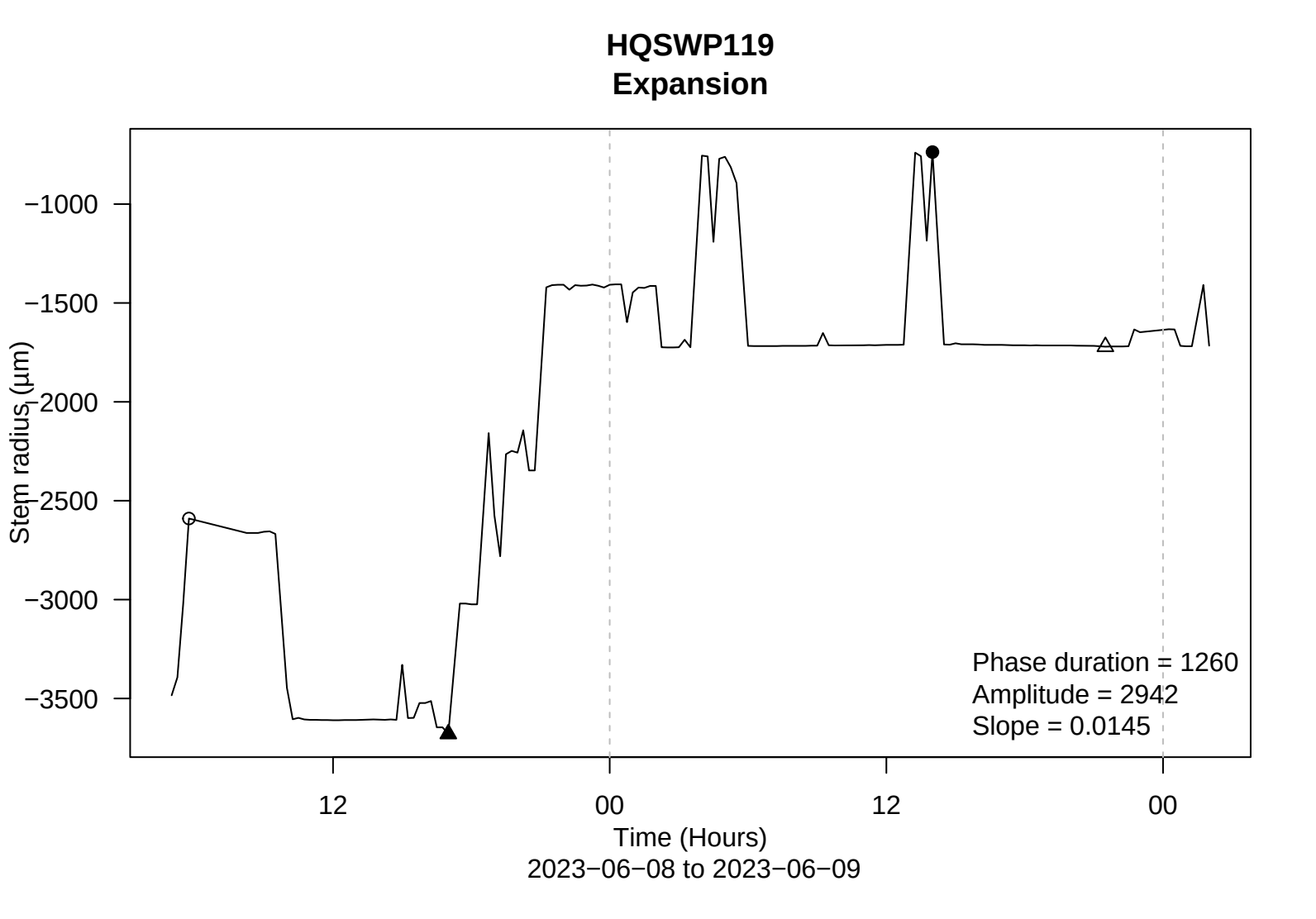

HQSWP119
Expansion
−2500
−3000
−3500
−4000
Stem radius (µm)
00
12
00
Time (Hours)
2023−06−05 to 2023−06−05
Phase duration = 570
Amplitude = 1409
Slope = 0.0181

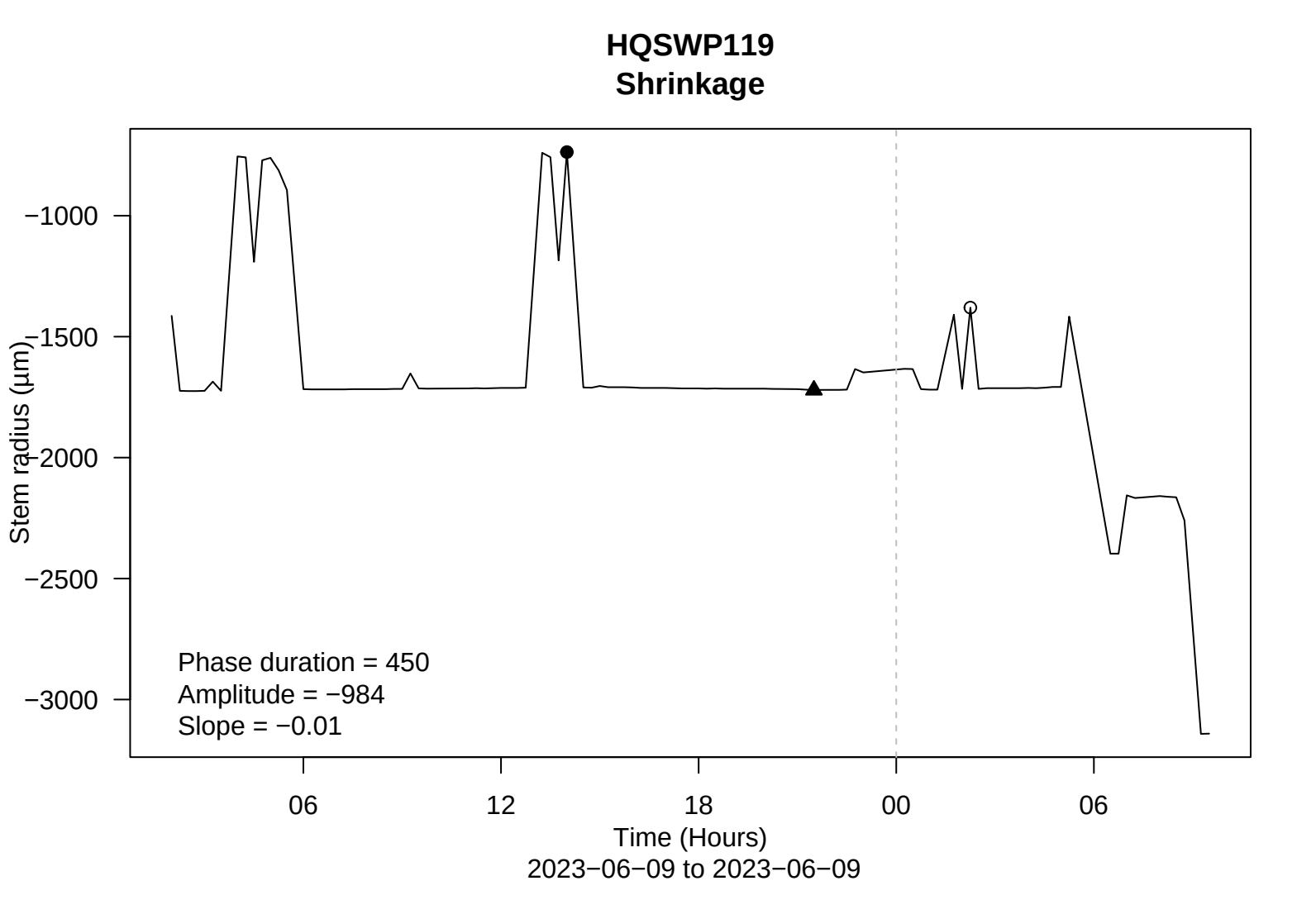

HQSWP119
Expansion
−2500
−3000
−3500
−4000
Stem radius (µm)
12
00
12
00
12
Time (Hours)
2023−06−05 to 2023−06−07
Phase duration = 2070
Amplitude = 1180
Slope = 0.0021

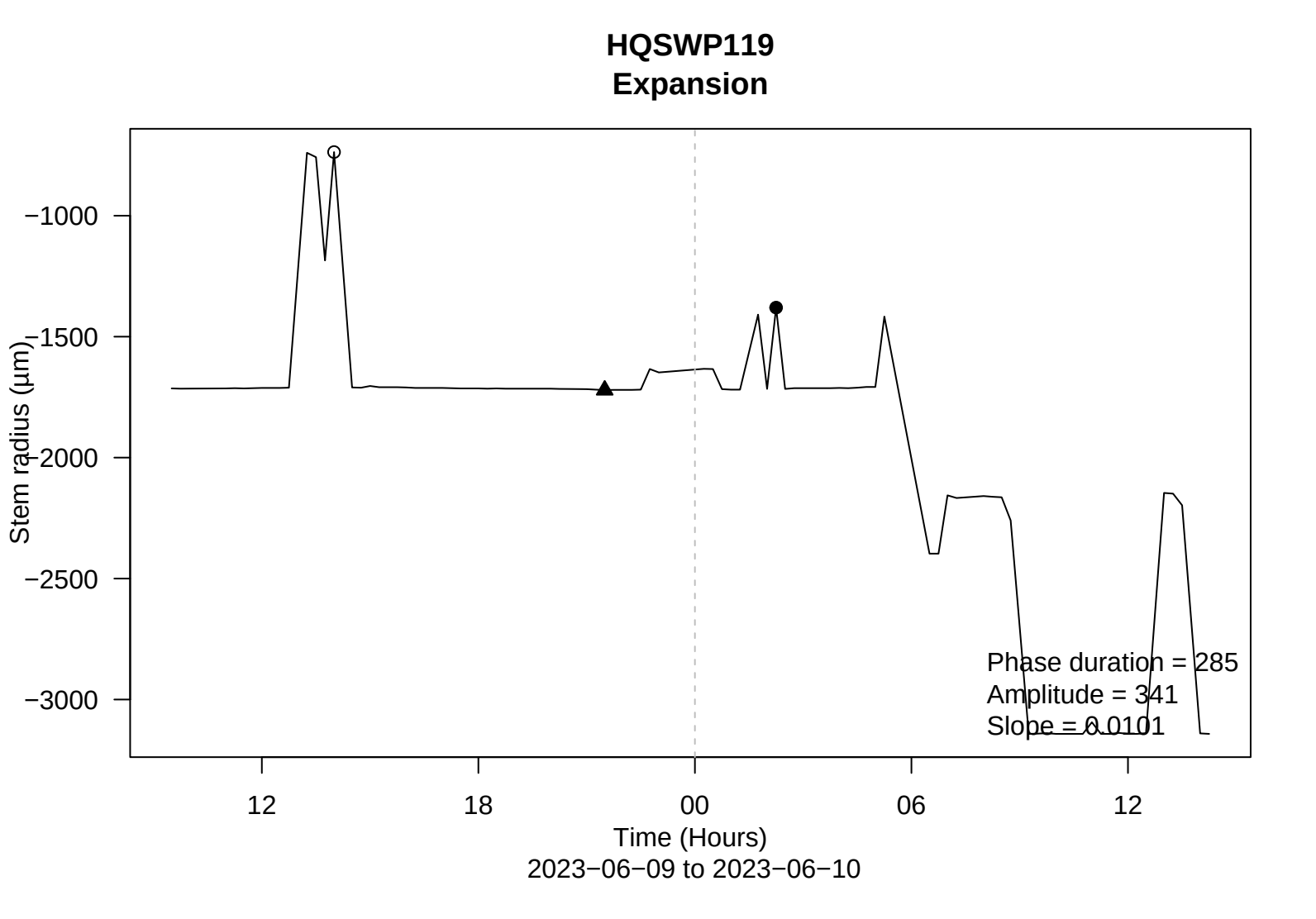

HQSWP119
Shrinkage
−2500
−3000
−3500
−4000
Stem radius (µm)
Phase duration = 780
Amplitude = −1668
Slope = −0.0247
00
12
00
Time (Hours)
2023−06−07 to 2023−06−07

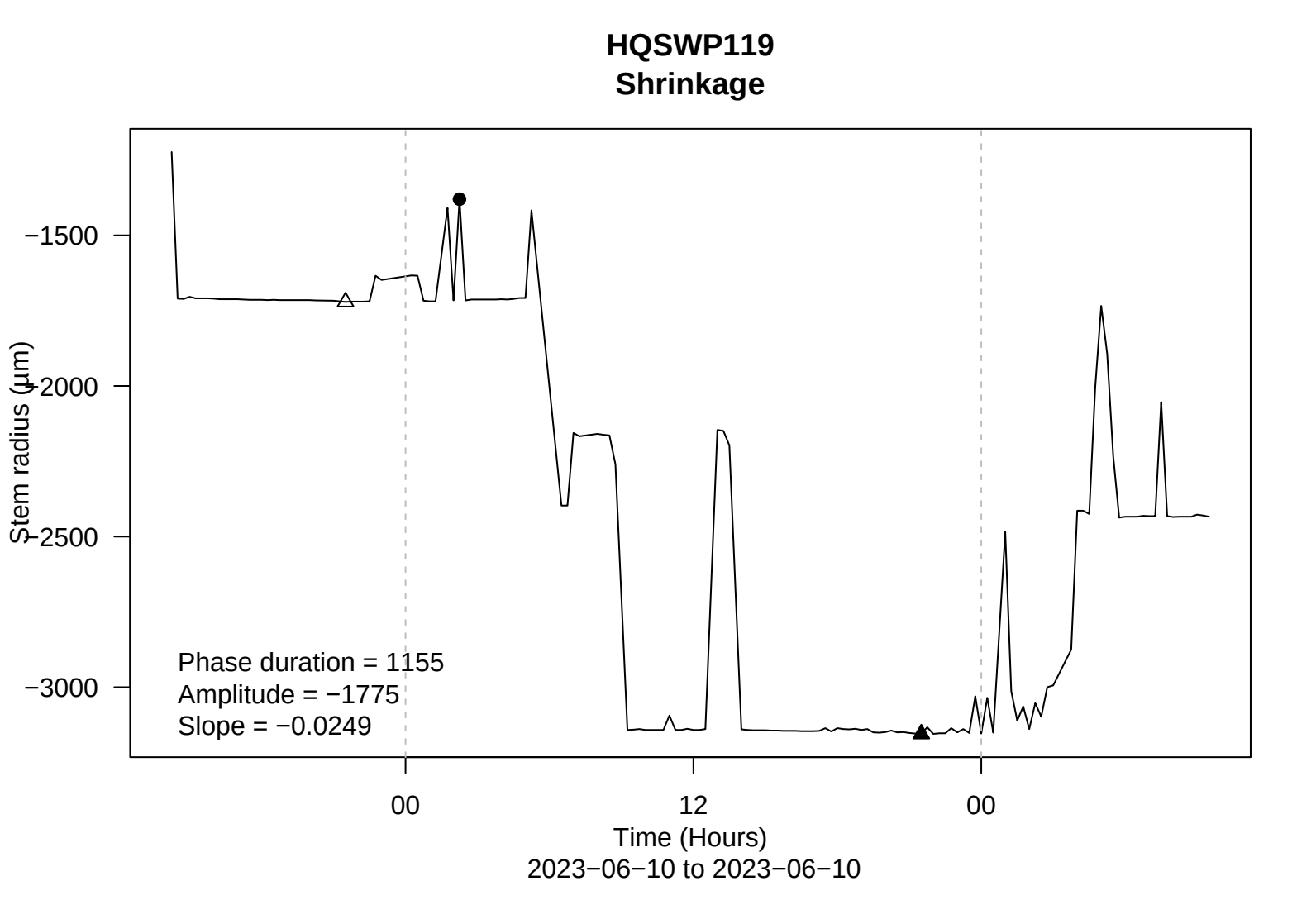

HQSWP119
Expansion
−3000
−3500
−4000
Stem radius (µm)
Phase duration = 450
Amplitude = 1514
Slope = 0.0041
12
00
12
Time (Hours)
2023−06−07 to 2023−06−08

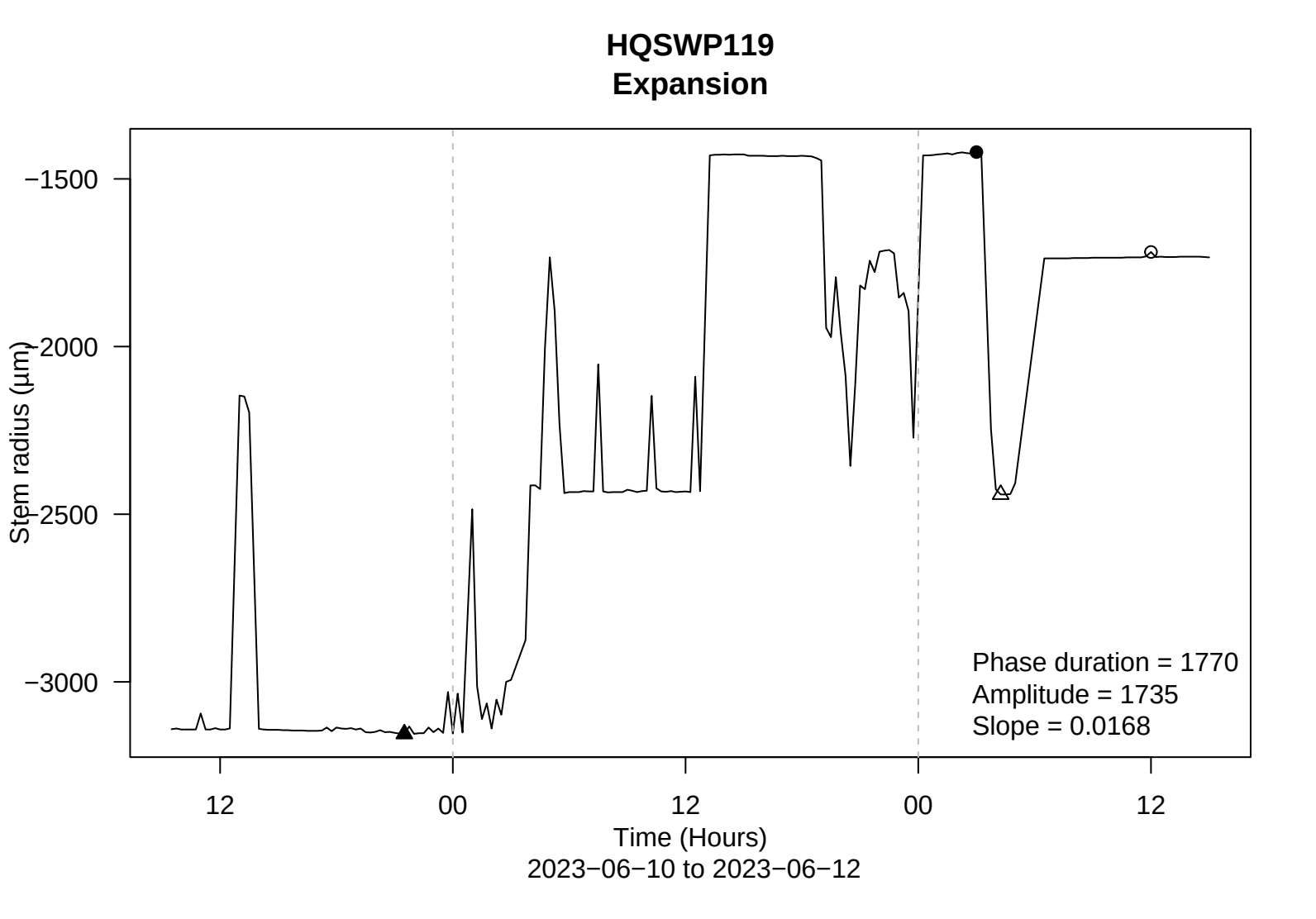

HQSWP119
Shrinkage
−1000
−1500
−2000
−2500
−3000
−3500
−4000
Stem radius (µm)
Phase duration = 675
Amplitude = −1089
Slope = −0.032
00
12
00
Time (Hours)
2023−06−08 to 2023−06−08

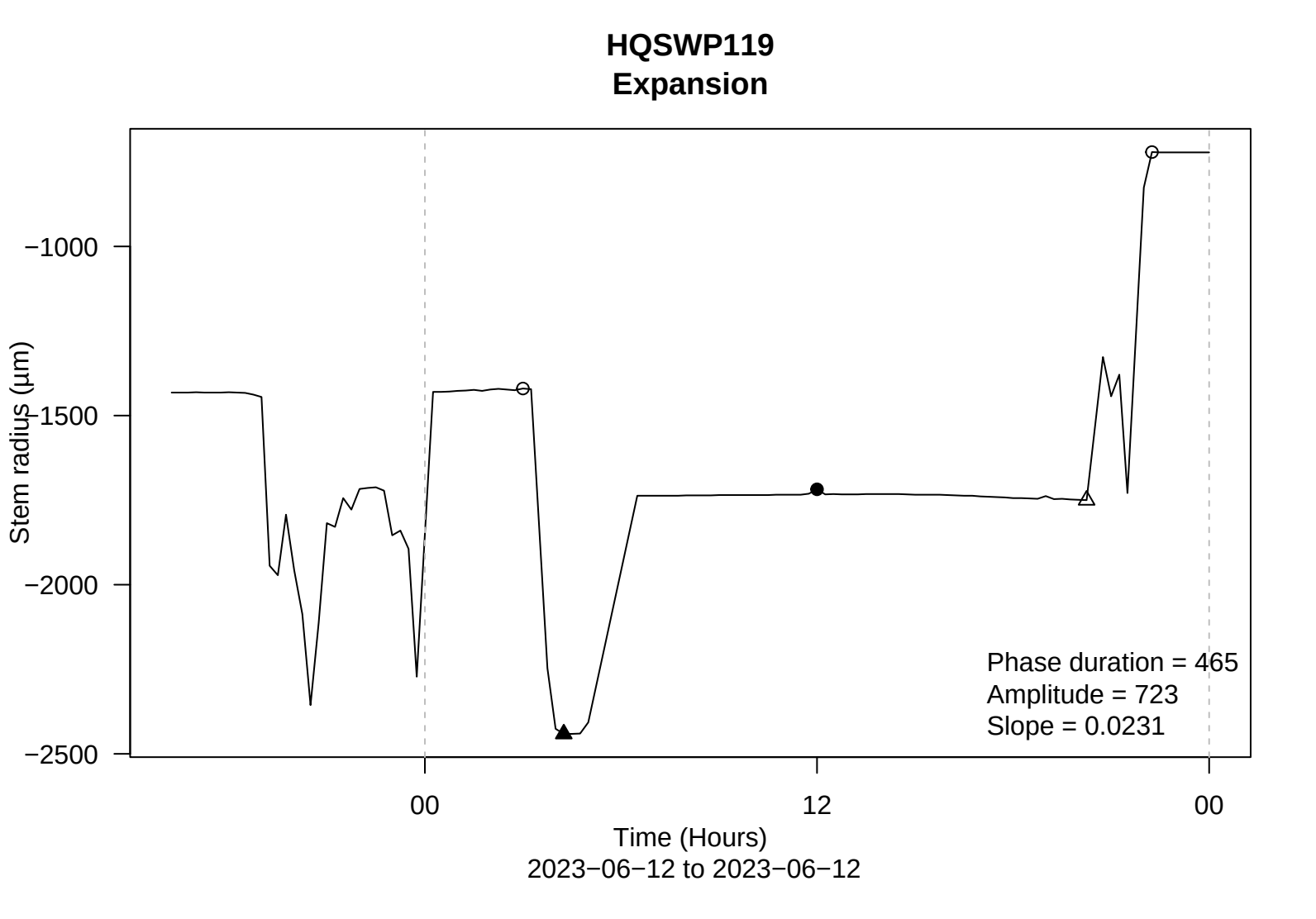

HQSWP119
Expansion
−1000
−1500
−2000
−2500
−3000
−3500
Stem radius (µm)
12
00
12
00
Time (Hours)
2023−06−08 to 2023−06−09
Phase duration = 1260
Amplitude = 2942
Slope = 0.0145

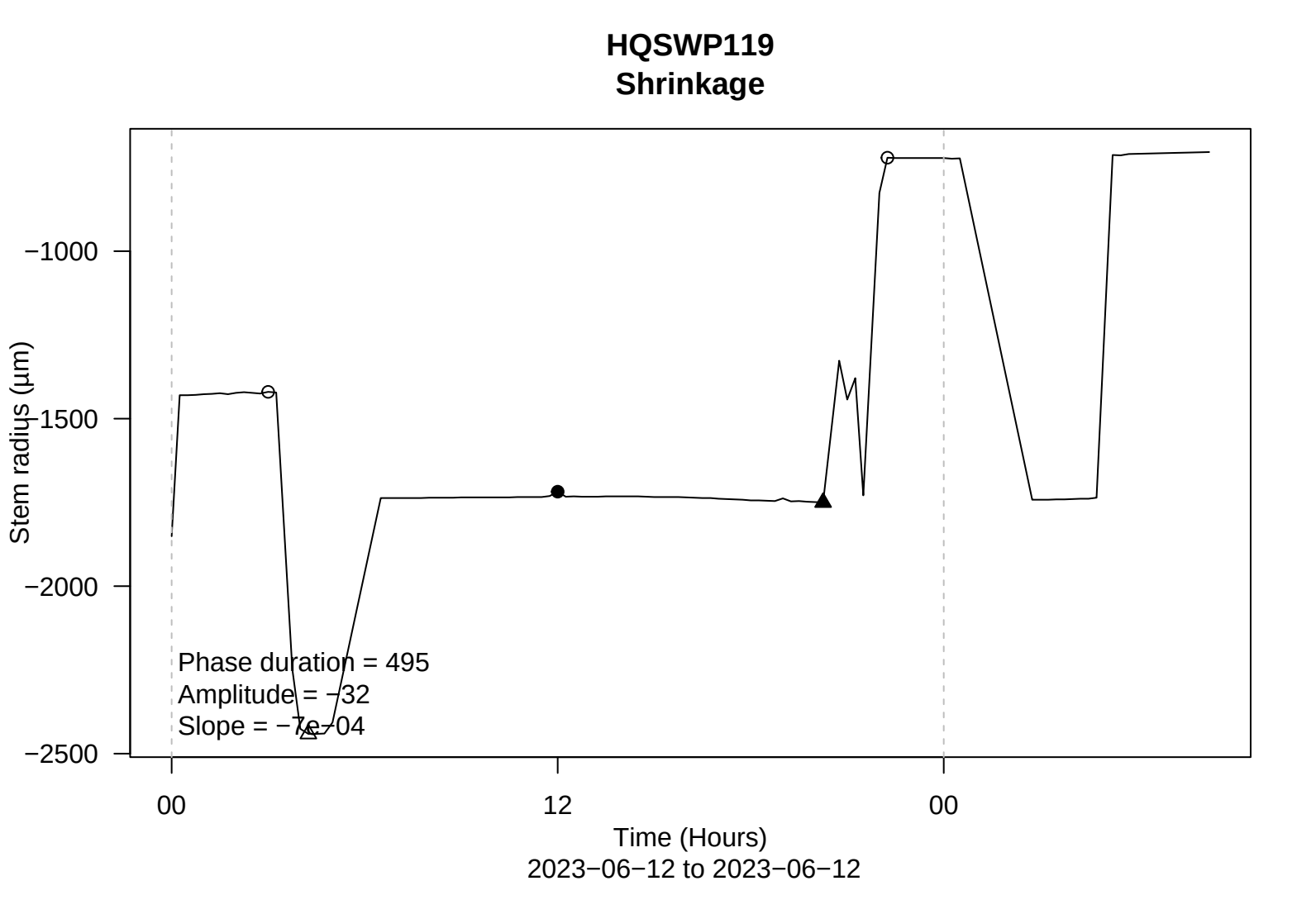

HQSWP119
Shrinkage
−1000
−1500
−2000
−2500
−3000
Stem radius (µm)
Phase duration = 450
Amplitude = −984
Slope = −0.01
06
12
18
00
06
Time (Hours)
2023−06−09 to 2023−06−09

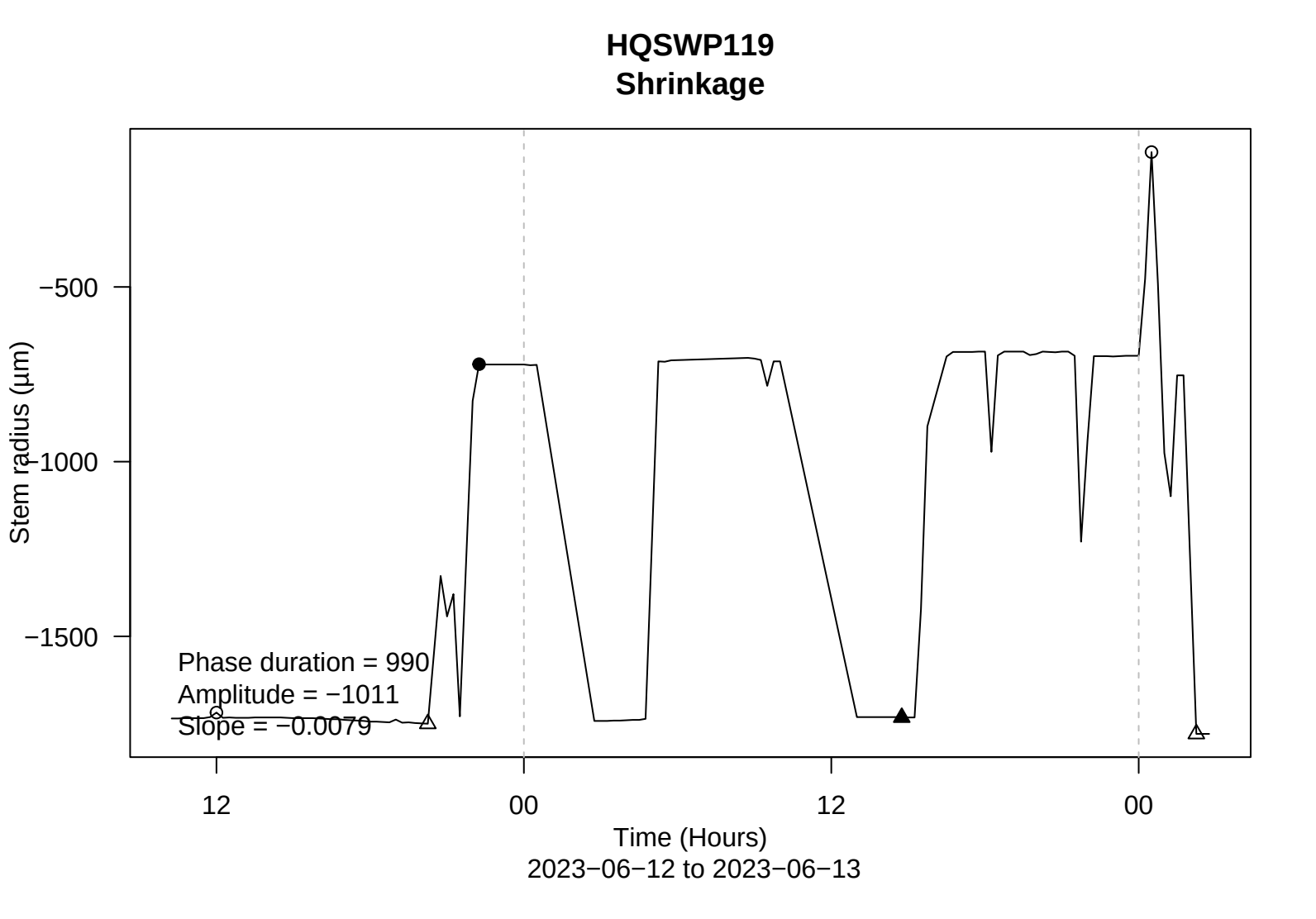

HQSWP119
Expansion
−1000
−1500
−2000
−2500
−3000
Stem radius (µm)
Phase duration = 285
Amplitude = 341
Slope = 0.0101
12
18
00
06
12
Time (Hours)
2023−06−09 to 2023−06−10

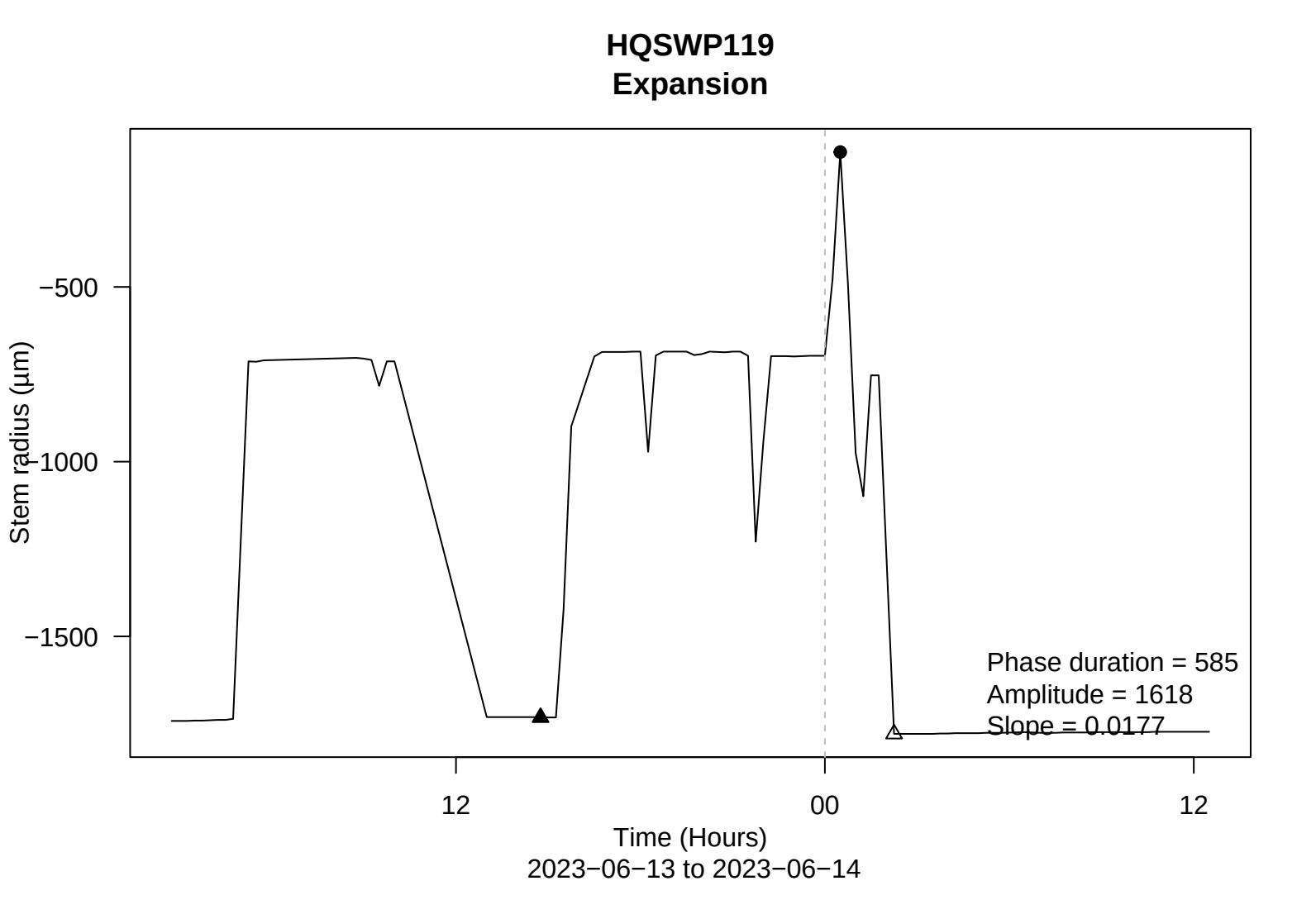

HQSWP119
Shrinkage
−1500
−2000
−2500
−3000
Stem radius (µm)
Phase duration = 1155
Amplitude = −1775
Slope = −0.0249
00
12
00
Time (Hours)
2023−06−10 to 2023−06−10

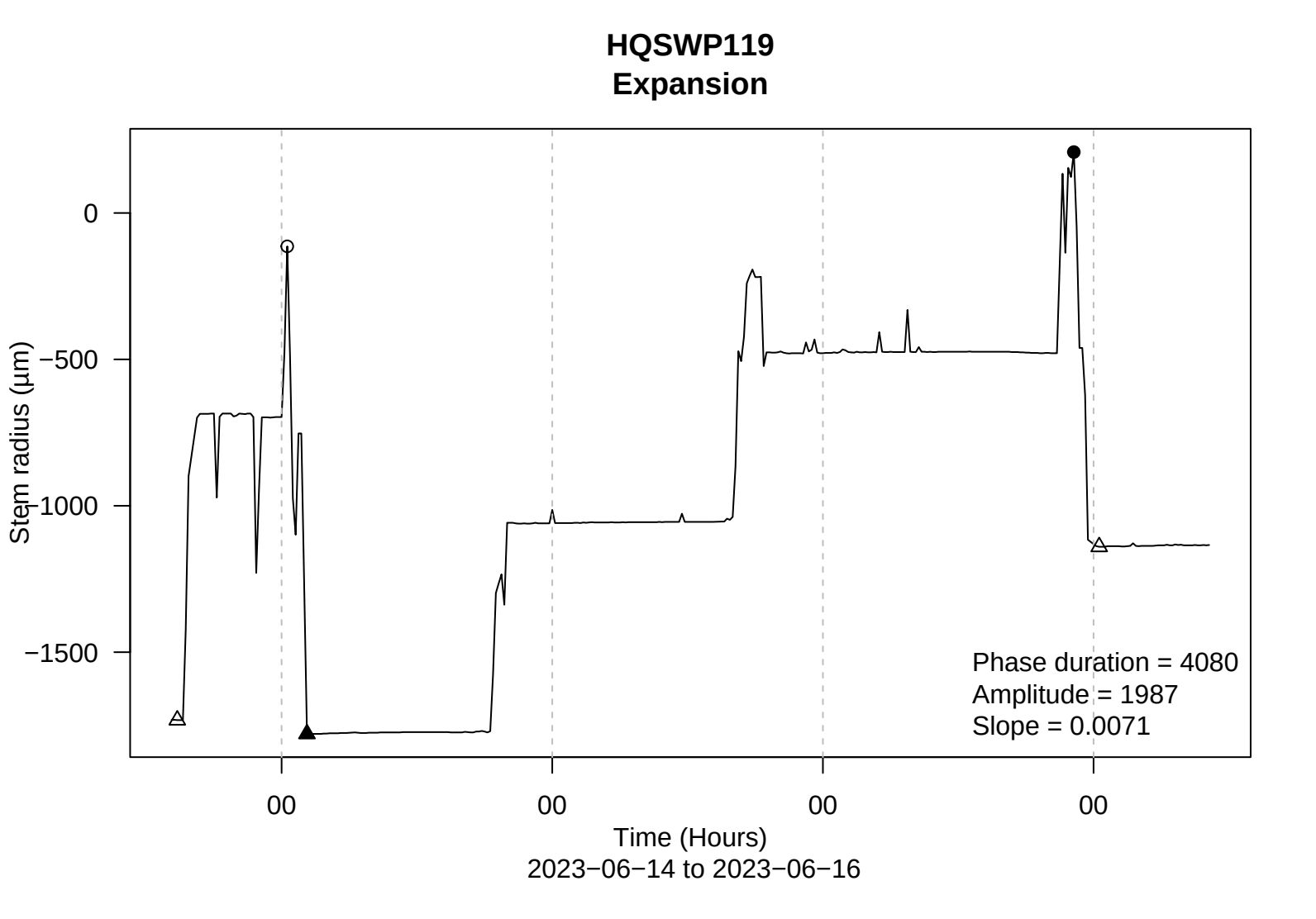

HQSWP119
Expansion
−1500
−2000
−2500
−3000
Stem radius (µm)
Phase duration = 1770
Amplitude = 1735
Slope = 0.0168
12
00
12
00
12
Time (Hours)
2023−06−10 to 2023−06−12

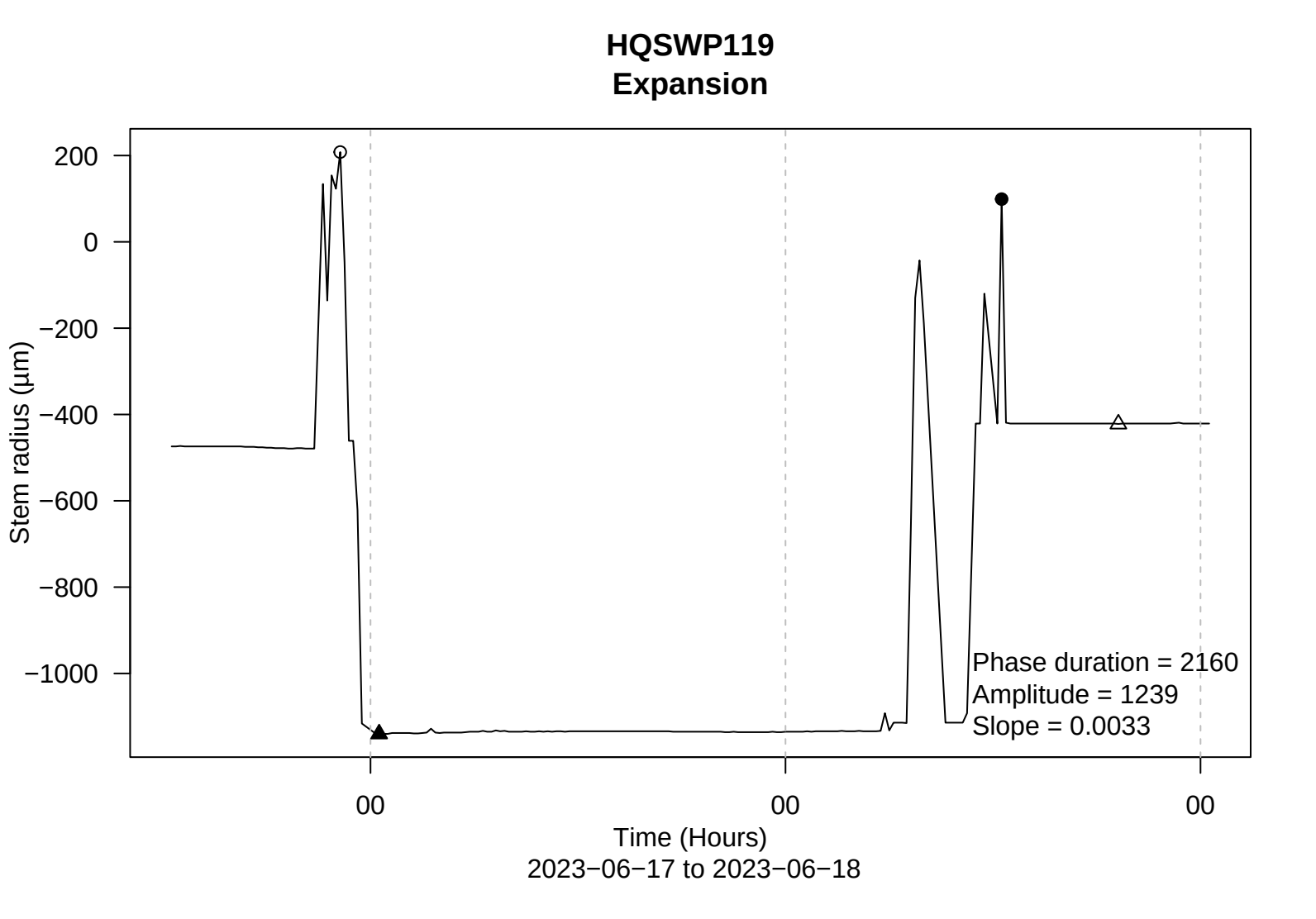

HQSWP119
Expansion
−1000
−1500
−2000
−2500
Stem radius (µm)
00
12
00
Time (Hours)
2023−06−12 to 2023−06−12
Phase duration = 465
Amplitude = 723
Slope = 0.0231

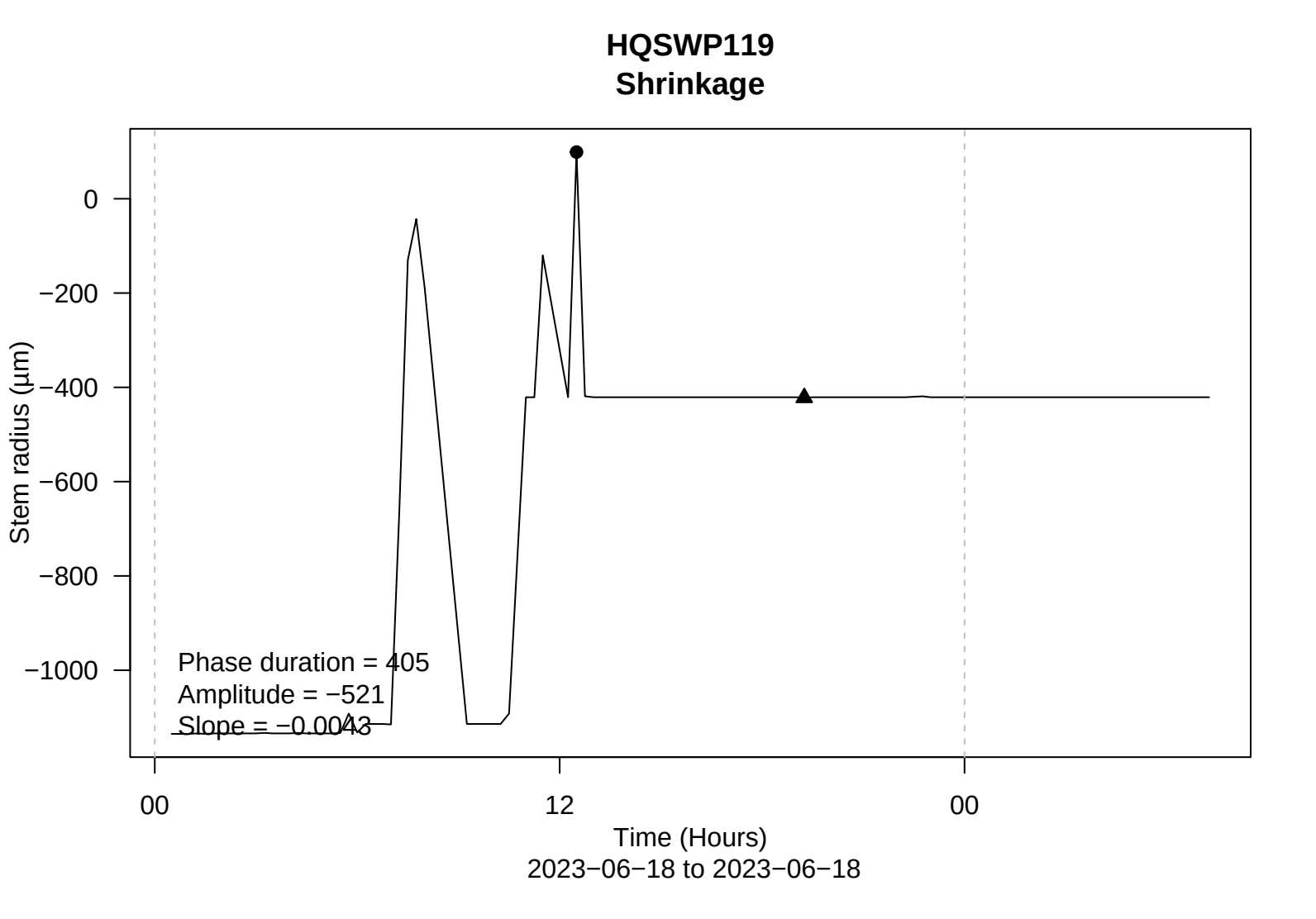

HQSWP119
Shrinkage
Stem radius (µm)
−1000
−1500
−2000
−2500
Phase duration = 495
Amplitude = −32
Slope = −7e−04
00
12
00
Time (Hours)
2023−06−12 to 2023−06−12

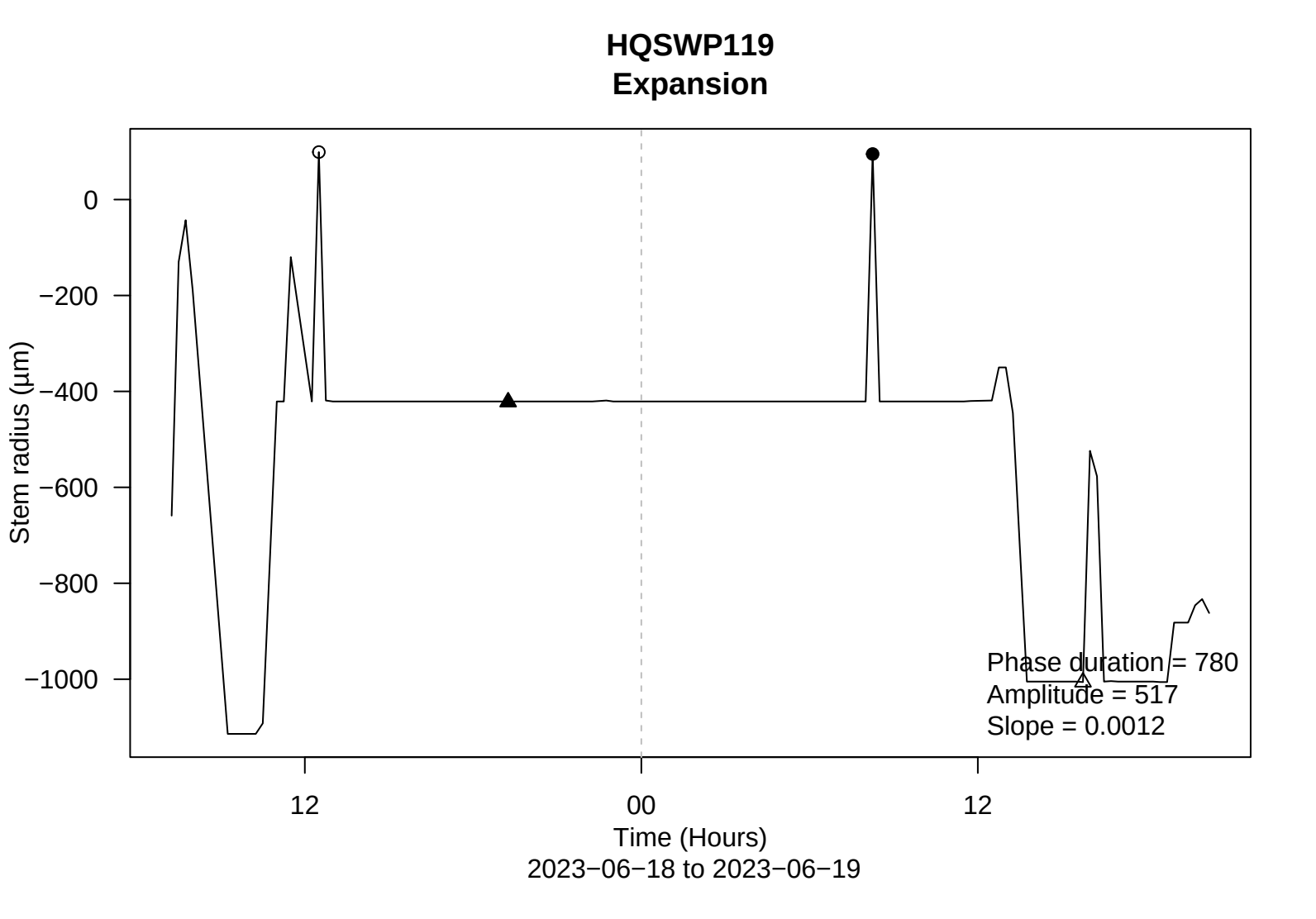

HQSWP119
Shrinkage
−500
−1000
−1500
Stem radius (µm)
Phase duration = 990
Amplitude = −1011
Slope = −0.0079
12
00
12
00
Time (Hours)
2023−06−12 to 2023−06−13

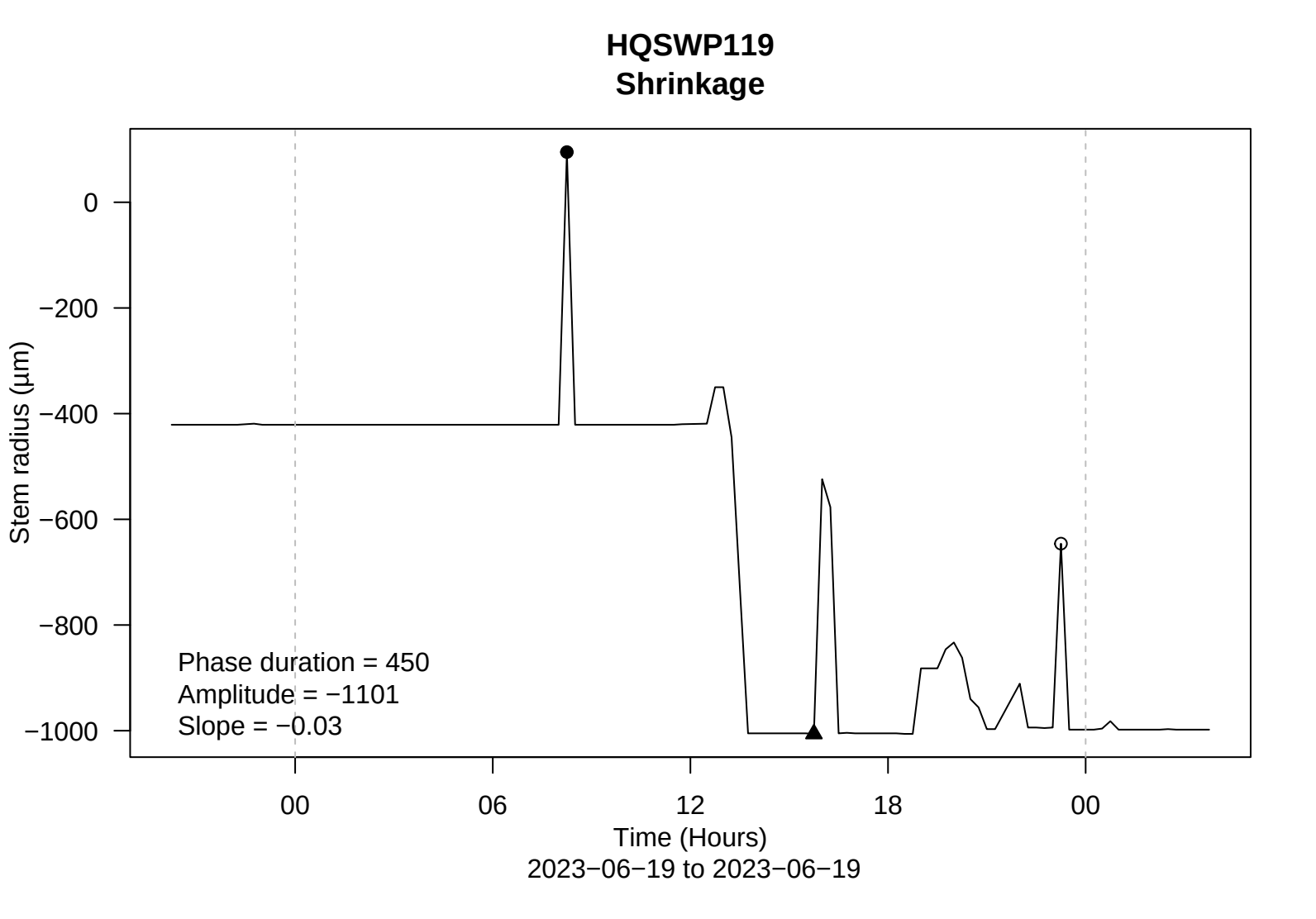

HQSWP119
Expansion
−500
−1000
−1500
Stem radius (µm)
Phase duration = 585
Amplitude = 1618
Slope = 0.0177
12
00
12
Time (Hours)
2023−06−13 to 2023−06−14

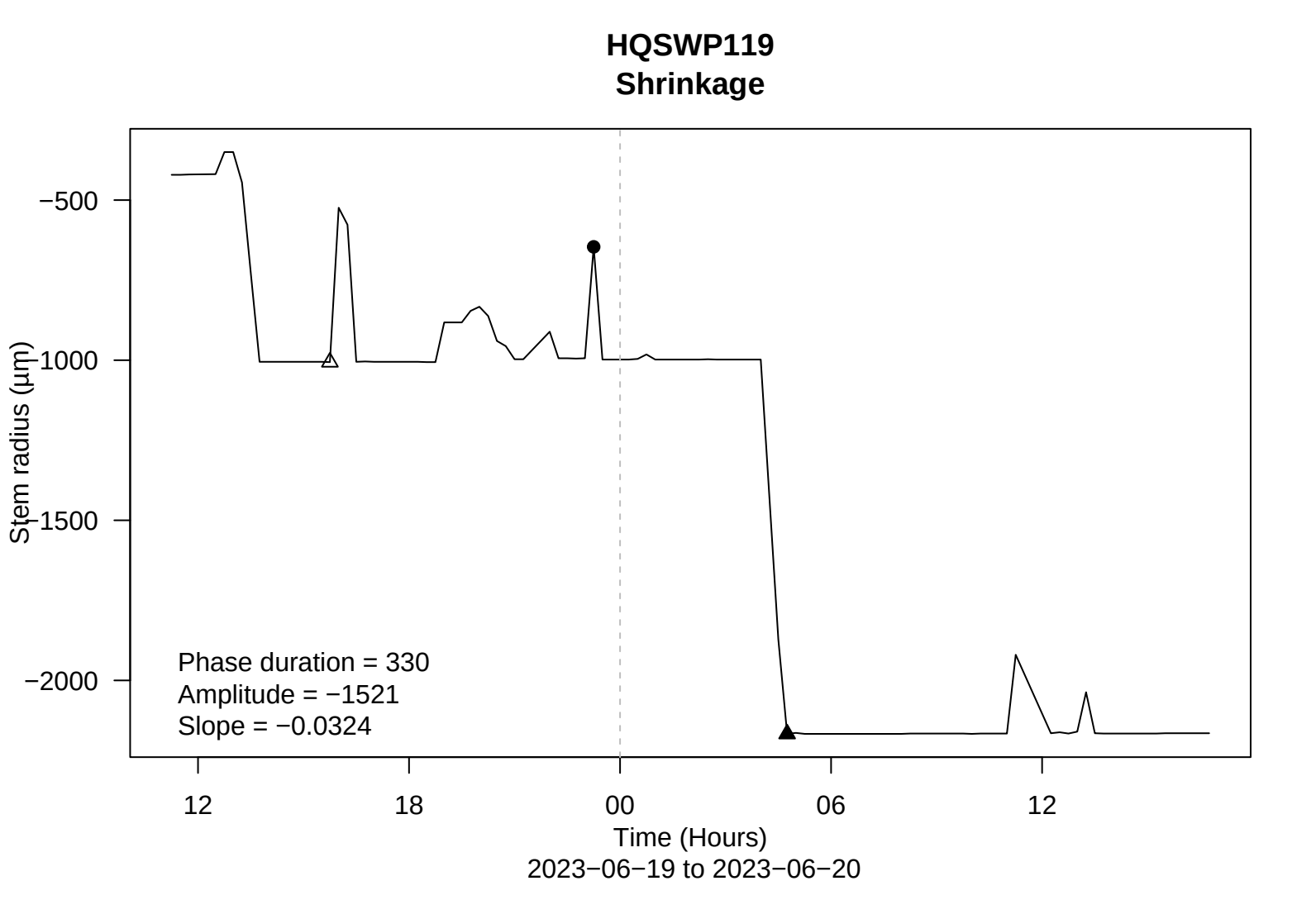

HQSWP119
Expansion
0
−500
−1000
−1500
Stem radius (µm)
00
00
00
00
Time (Hours)
2023−06−14 to 2023−06−16
Phase duration = 4080
Amplitude = 1987
Slope = 0.0071

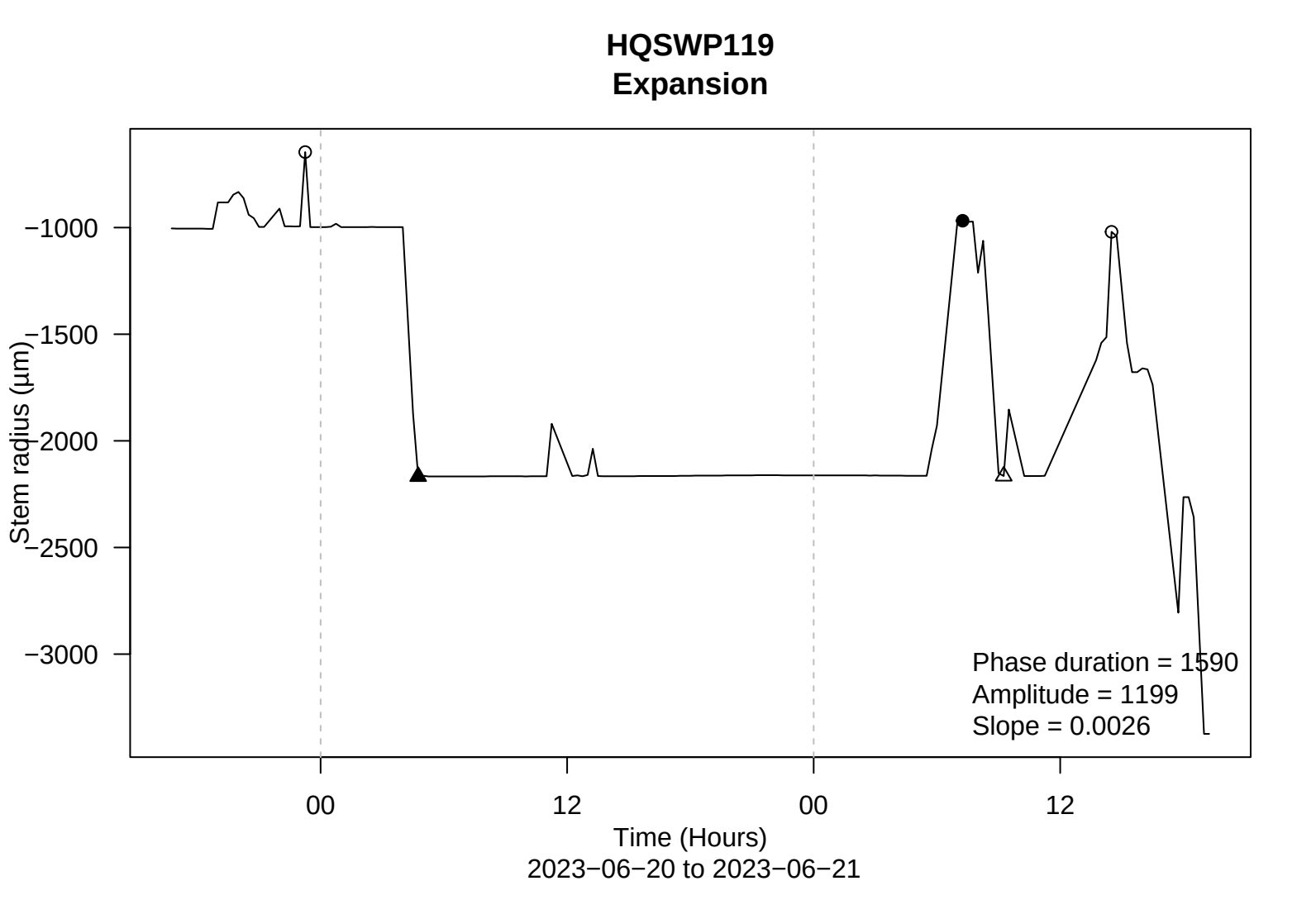

HQSWP119
Expansion
200
0
−200
−400
−600
−800
−1000
Stem radius (µm)
Phase duration = 2160
Amplitude = 1239
Slope = 0.0033
00
00
00
Time (Hours)
2023−06−17 to 2023−06−18

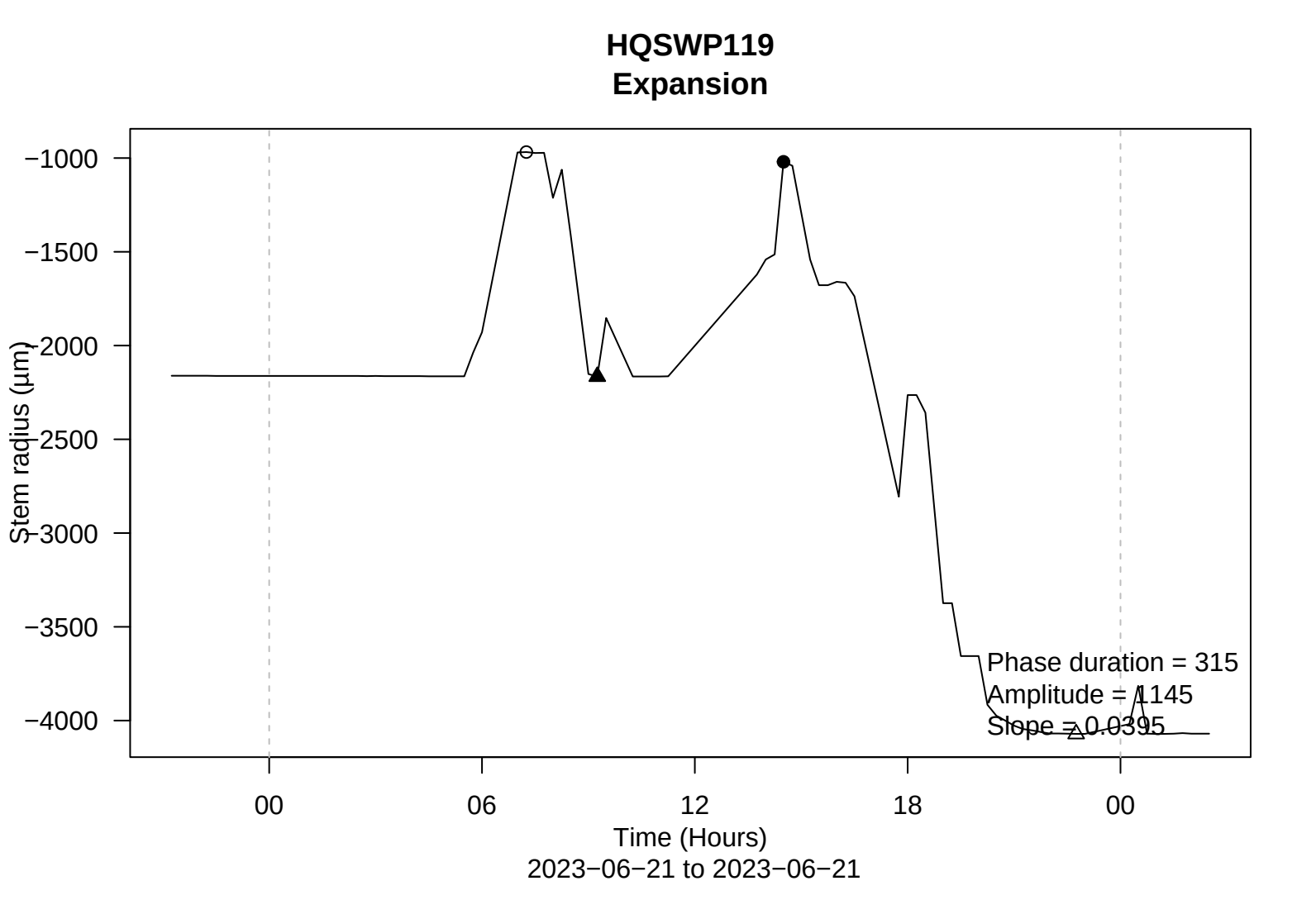

HQSWP119
Shrinkage
0
−200
−400
−600
−800
−1000
Stem radius (µm)
Phase duration = 405
Amplitude = −521
Slope = −0.0043
00
12
00
Time (Hours)
2023−06−18 to 2023−06−18

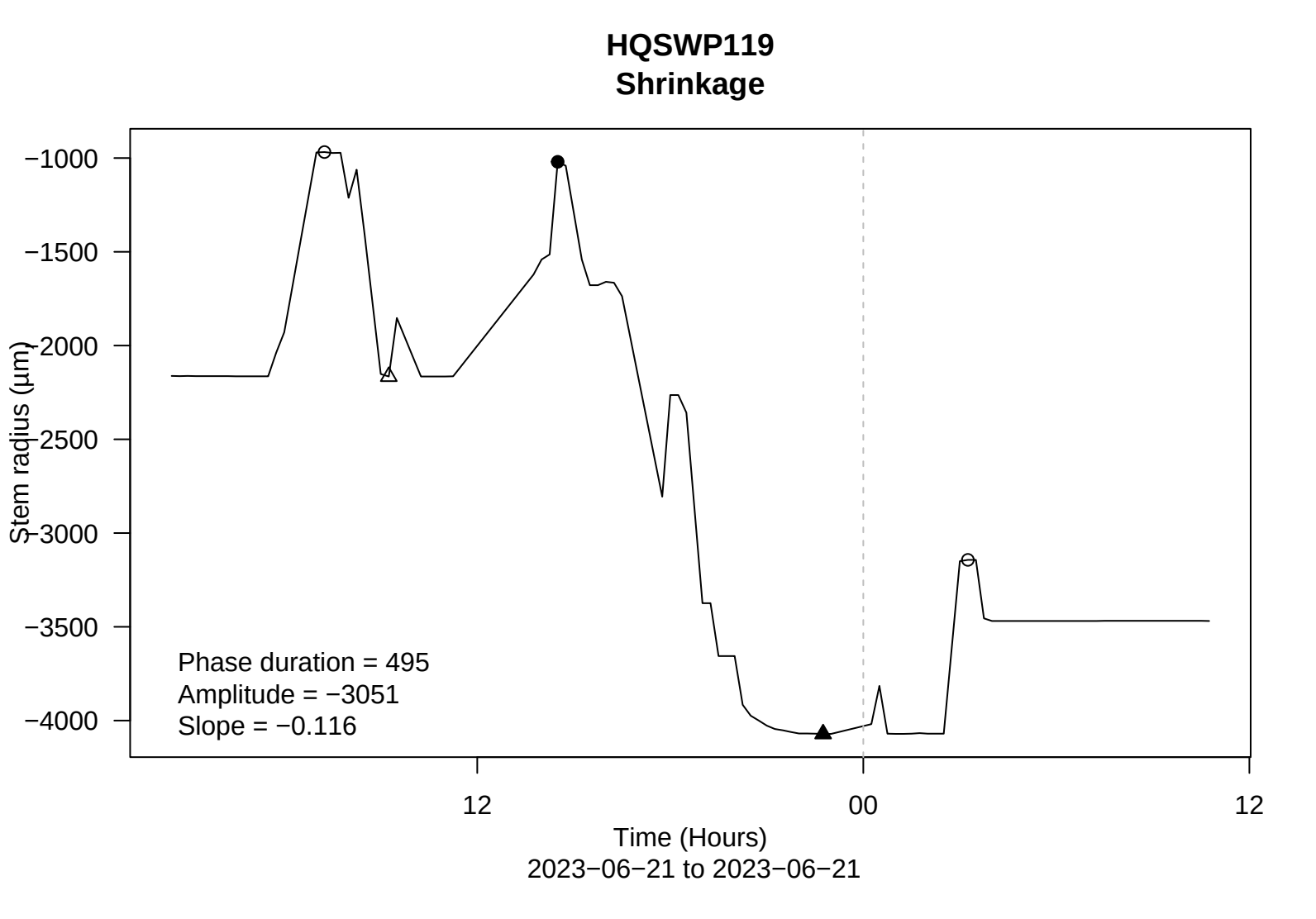

HQSWP119
Expansion
0
−200
−400
−600
−800
−1000
Stem radius (µm)
12
00
12
Time (Hours)
2023−06−18 to 2023−06−19
Phase duration = 780
Amplitude = 517
Slope = 0.0012

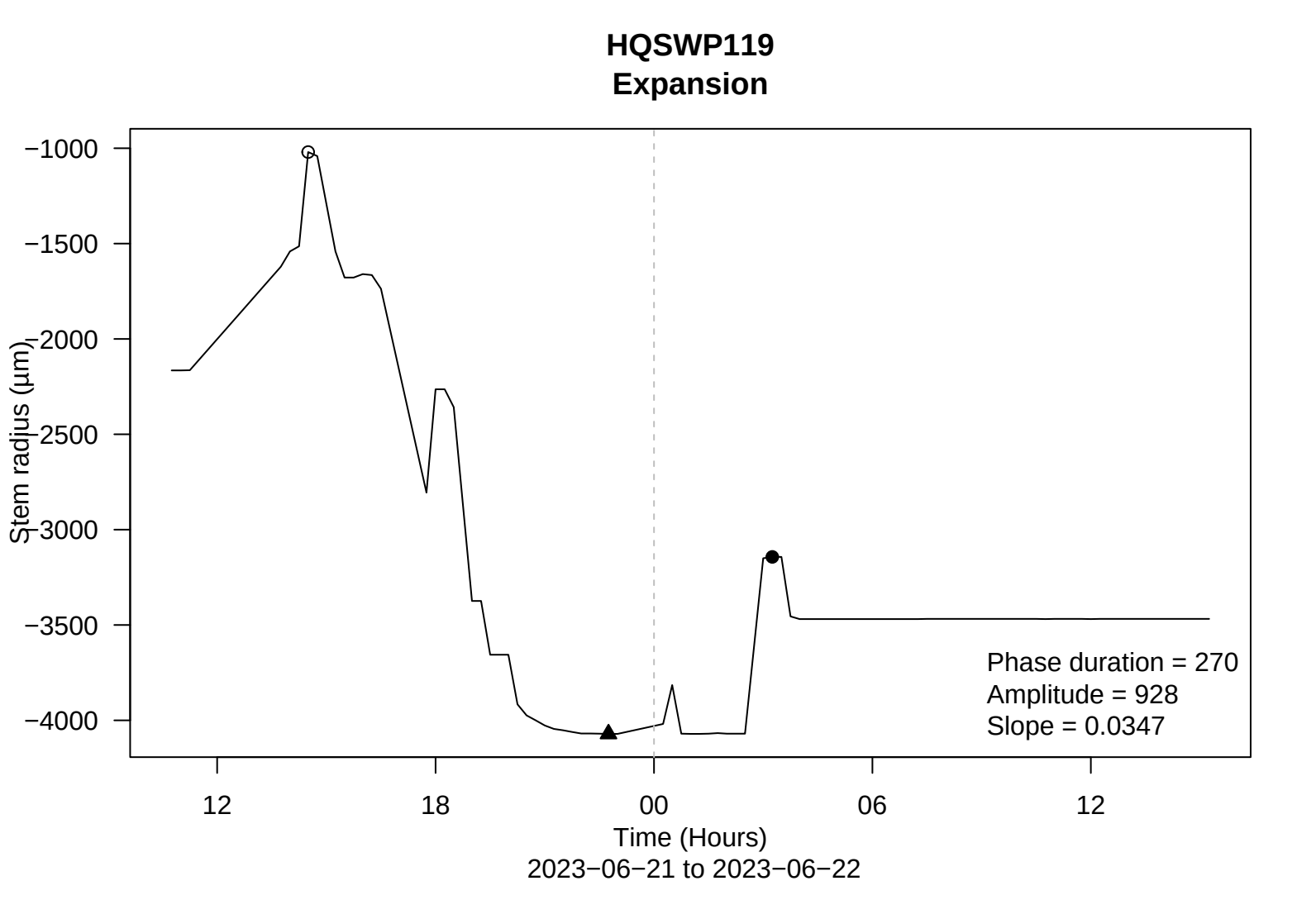

HQSWP119
Shrinkage
0
−200
−400
−600
−800
−1000
Stem radius (µm)
Phase duration = 450
Amplitude = −1101
Slope = −0.03
00
06
12
18
00
Time (Hours)
2023−06−19 to 2023−06−19

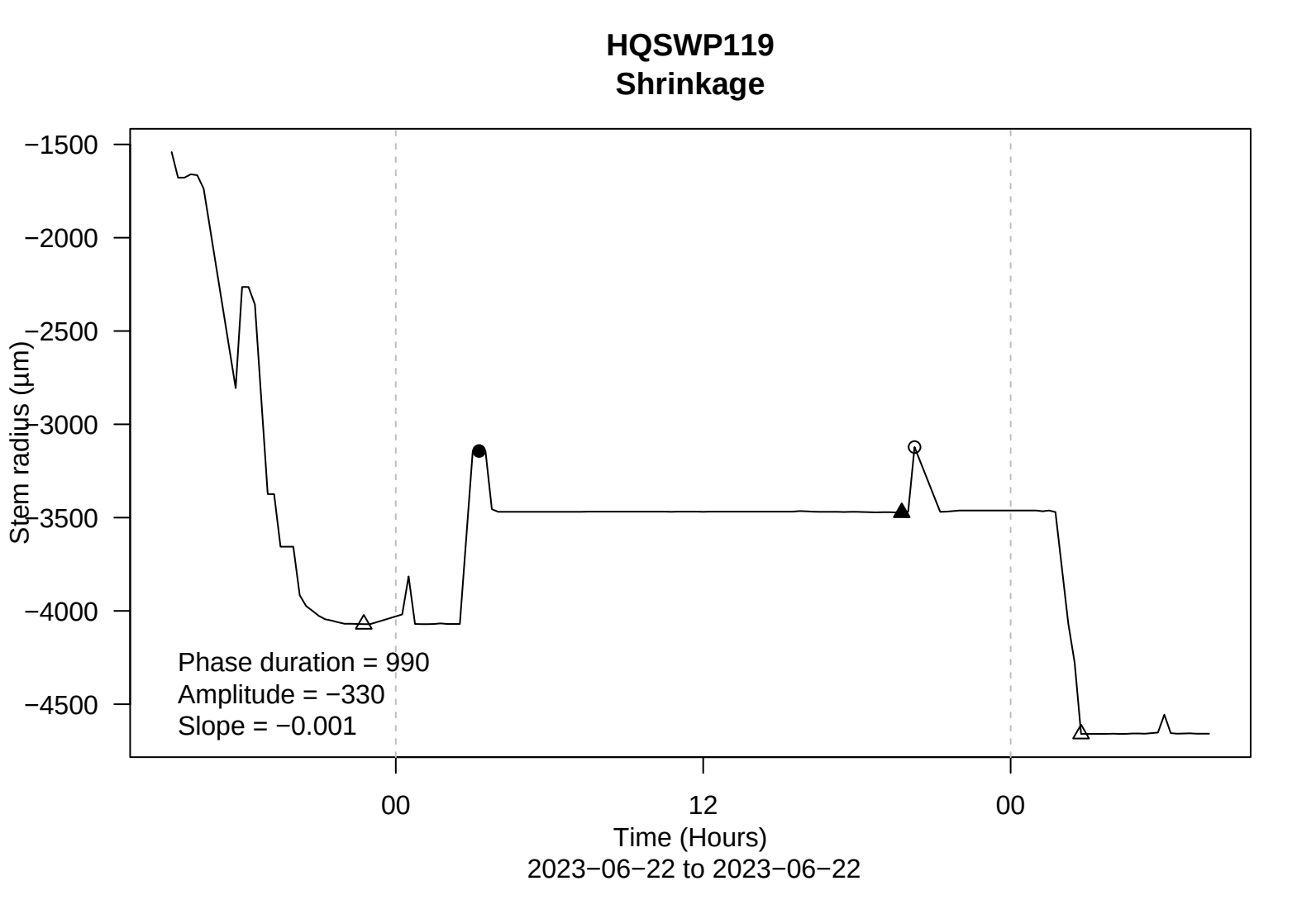

HQSWP119
Shrinkage
−500
−1000
−1500
−2000
Stem radius (µm)
Phase duration = 330
Amplitude = −1521
Slope = −0.0324
12
18
00
06
12
Time (Hours)
2023−06−19 to 2023−06−20

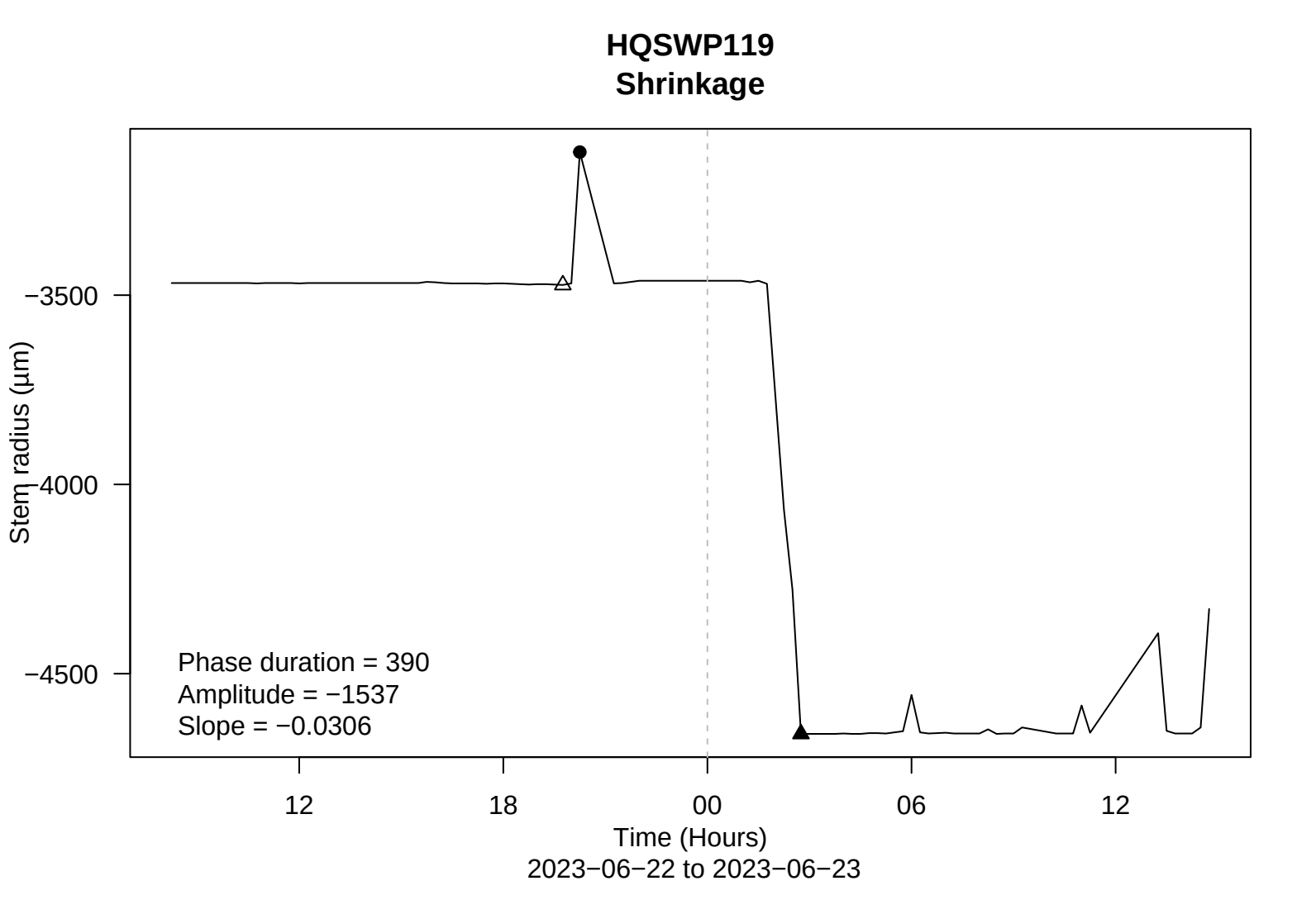

HQSWP119
Expansion
−1000
−1500
−2000
−2500
−3000
Stem radius (µm)
Phase duration = 1590
Amplitude = 1199
Slope = 0.0026
00
12
00
12
Time (Hours)
2023−06−20 to 2023−06−21

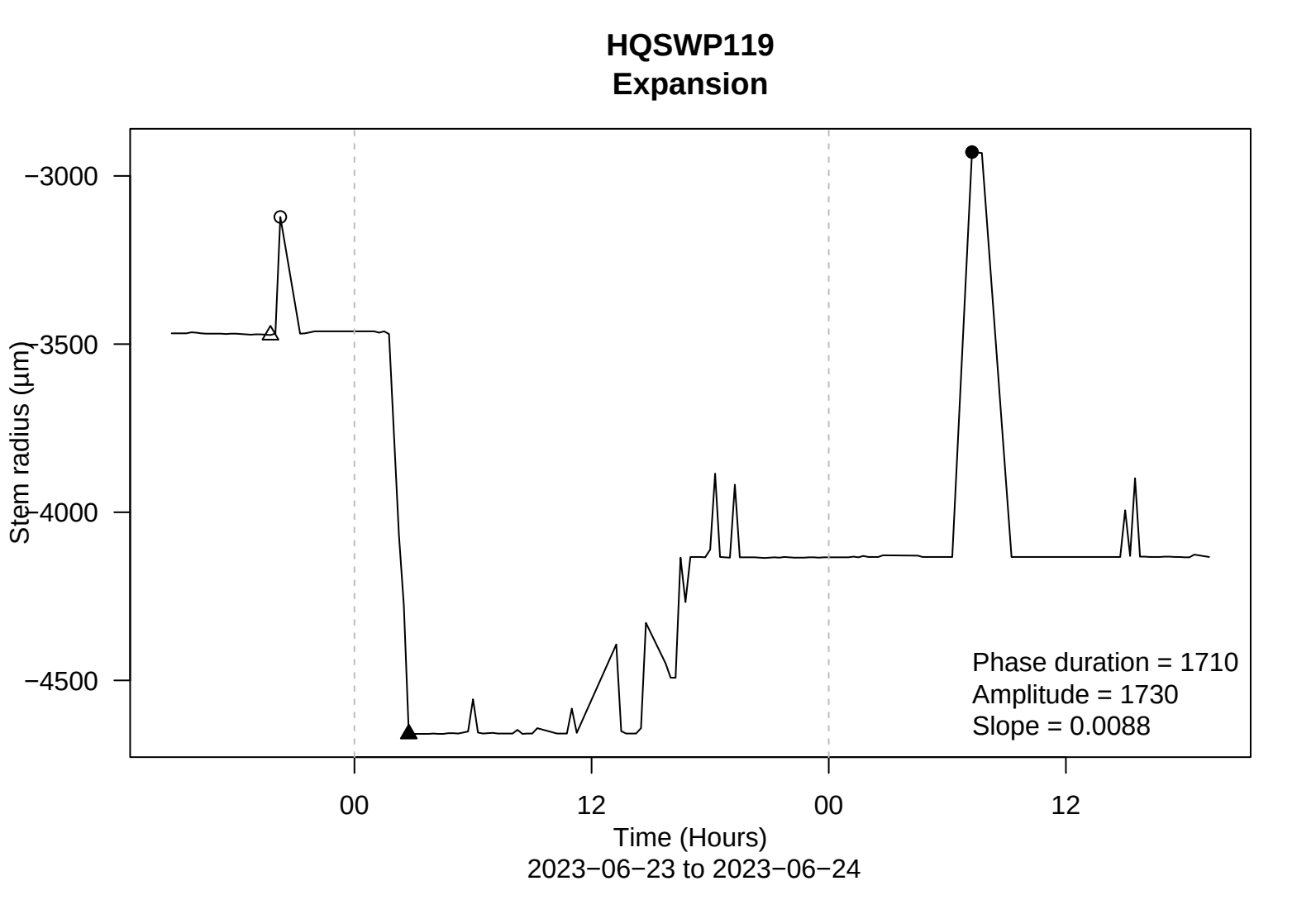

HQSWP119
Expansion
−1000
−1500
−2000
−2500
−3000
−3500
−4000
Stem radius (µm)
Phase duration = 315
Amplitude = 1145
Slope = 0.0395
00
06
12
18
00
Time (Hours)
2023−06−21 to 2023−06−21

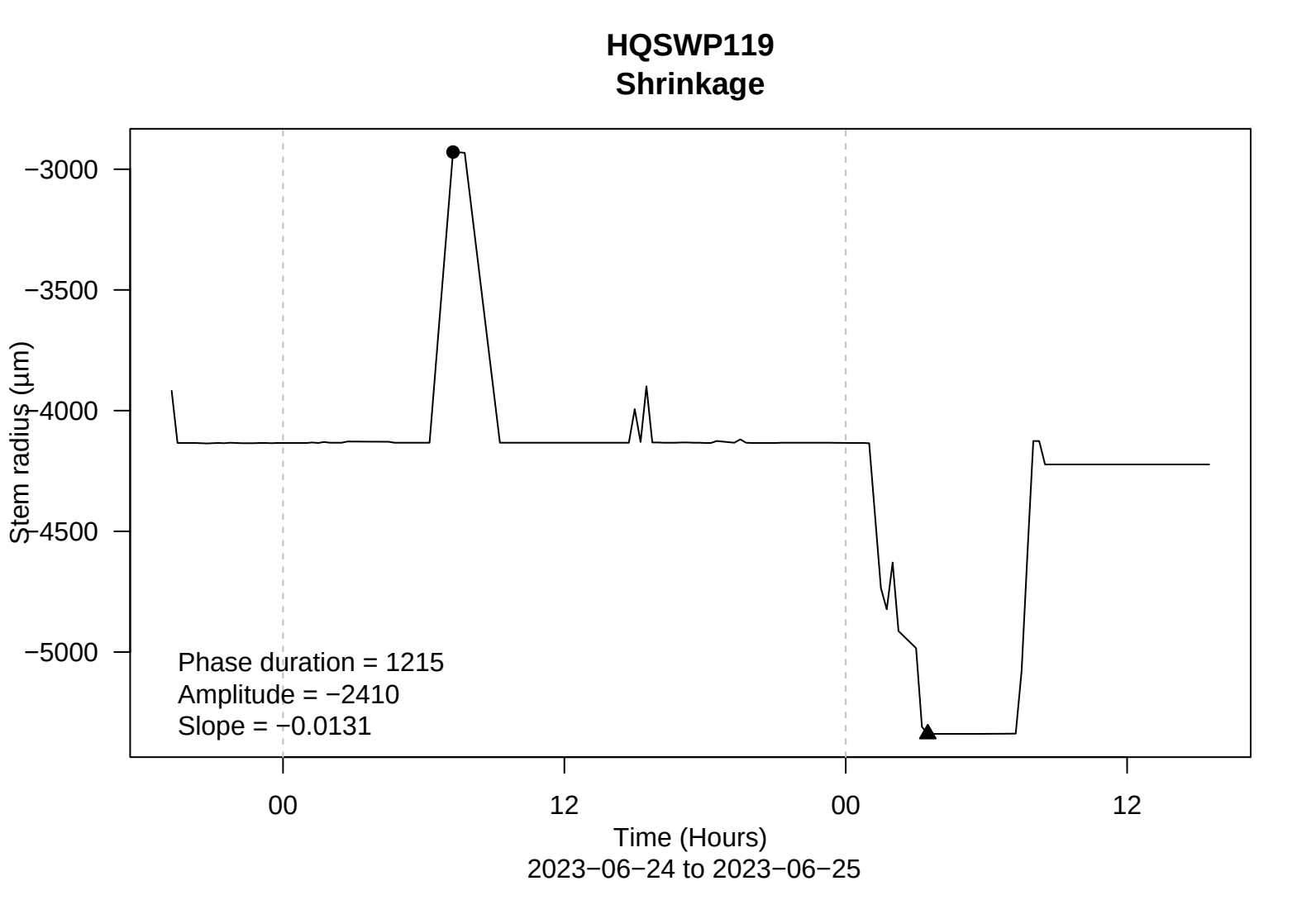

HQSWP119
Shrinkage
−1000
−1500
−2000
−2500
−3000
−3500
−4000
Stem radius (µm)
Phase duration = 495
Amplitude = −3051
Slope = −0.116
12
00
12
Time (Hours)
2023−06−21 to 2023−06−21

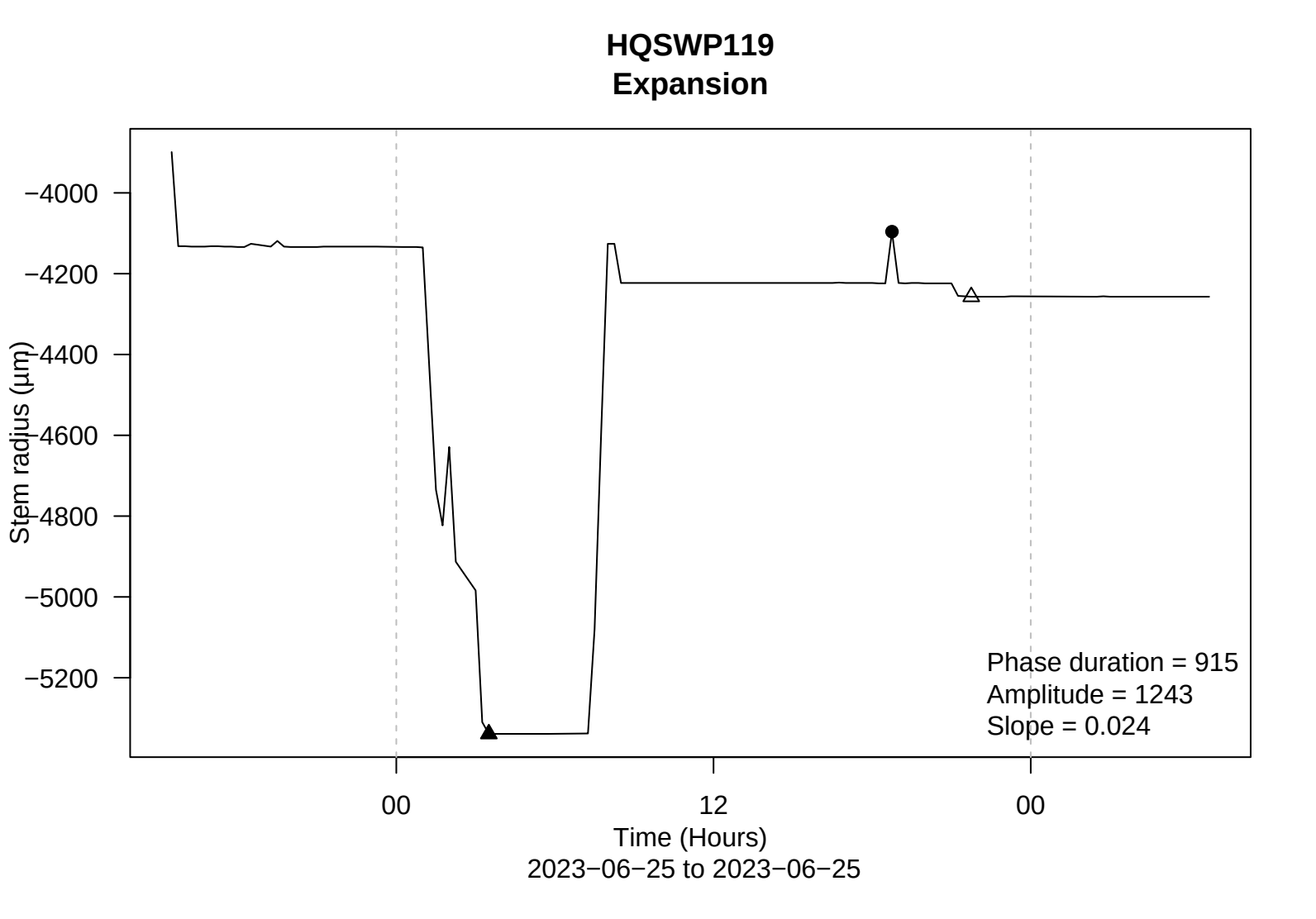

HQSWP119
Expansion
−1000
−1500
−2000
−2500
−3000
−3500
−4000
Stem radius (µm)
12
18
00
06
12
Time (Hours)
2023−06−21 to 2023−06−22
Phase duration = 270
Amplitude = 928
Slope = 0.0347

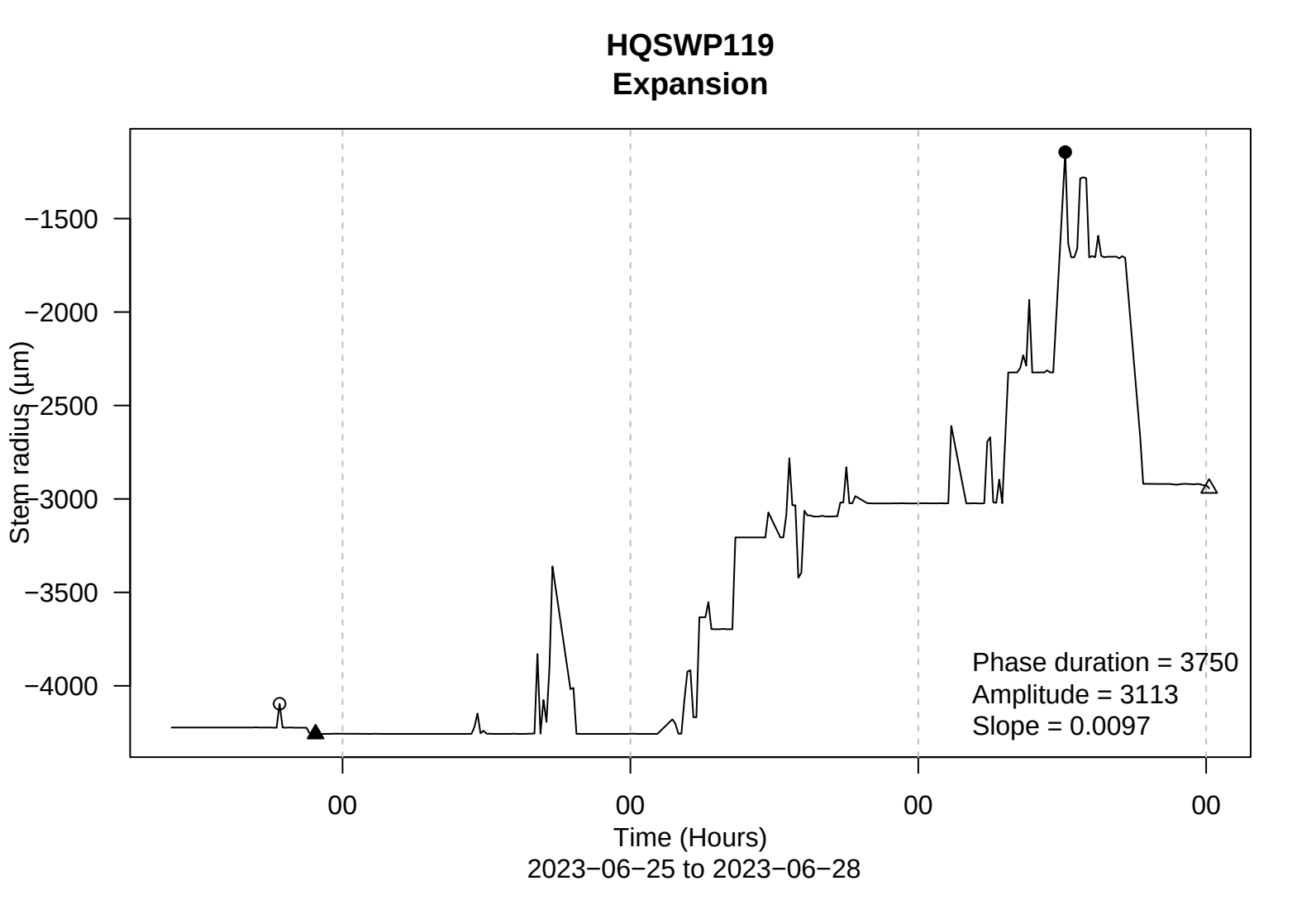

HQSWP119
Shrinkage
−1500
−2000
−2500
−3000
−3500
−4000
−4500
Stem radius (µm)
Phase duration = 990
Amplitude = −330
Slope = −0.001
00
12
00
Time (Hours)
2023−06−22 to 2023−06−22

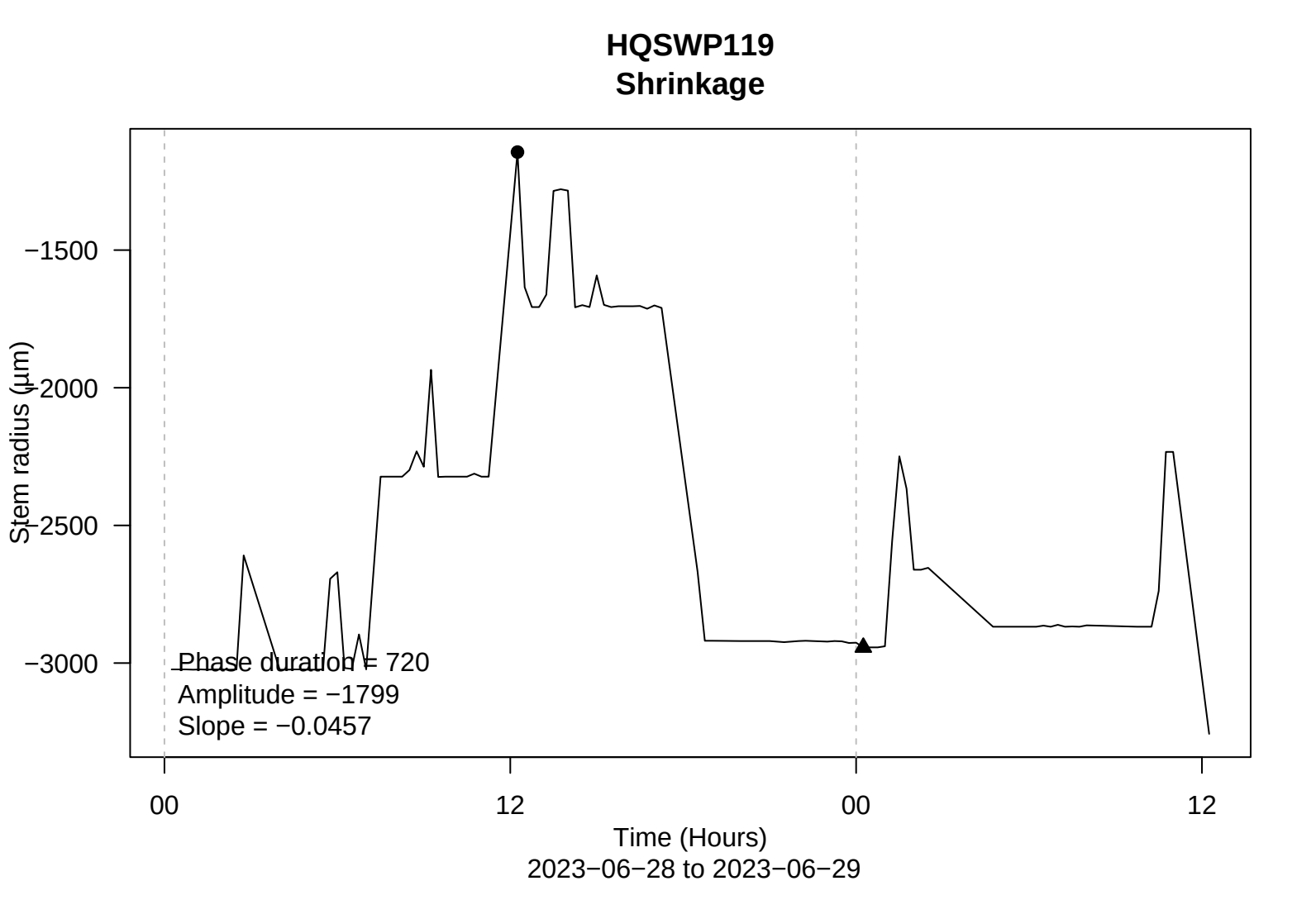

HQSWP119
Shrinkage
−3500
−4000
−4500
Stem radius (µm)
Phase duration = 390
Amplitude = −1537
Slope = −0.0306
12
18
00
06
12
Time (Hours)
2023−06−22 to 2023−06−23

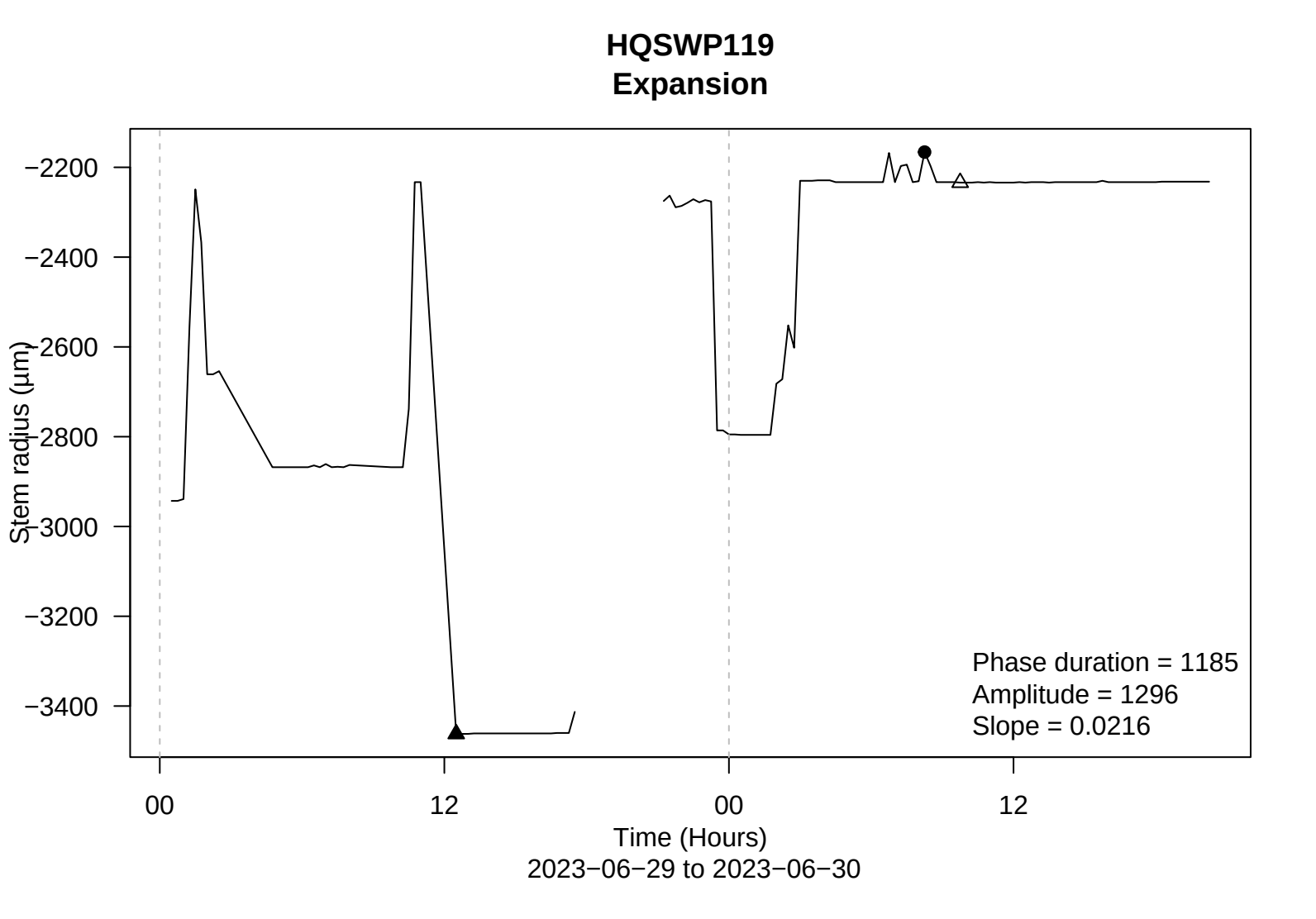

HQSWP119
Expansion
−3000
−3500
−4000
−4500
Stem radius (µm)
00
12
00
12
Time (Hours)
2023−06−23 to 2023−06−24
Phase duration = 1710
Amplitude = 1730
Slope = 0.0088

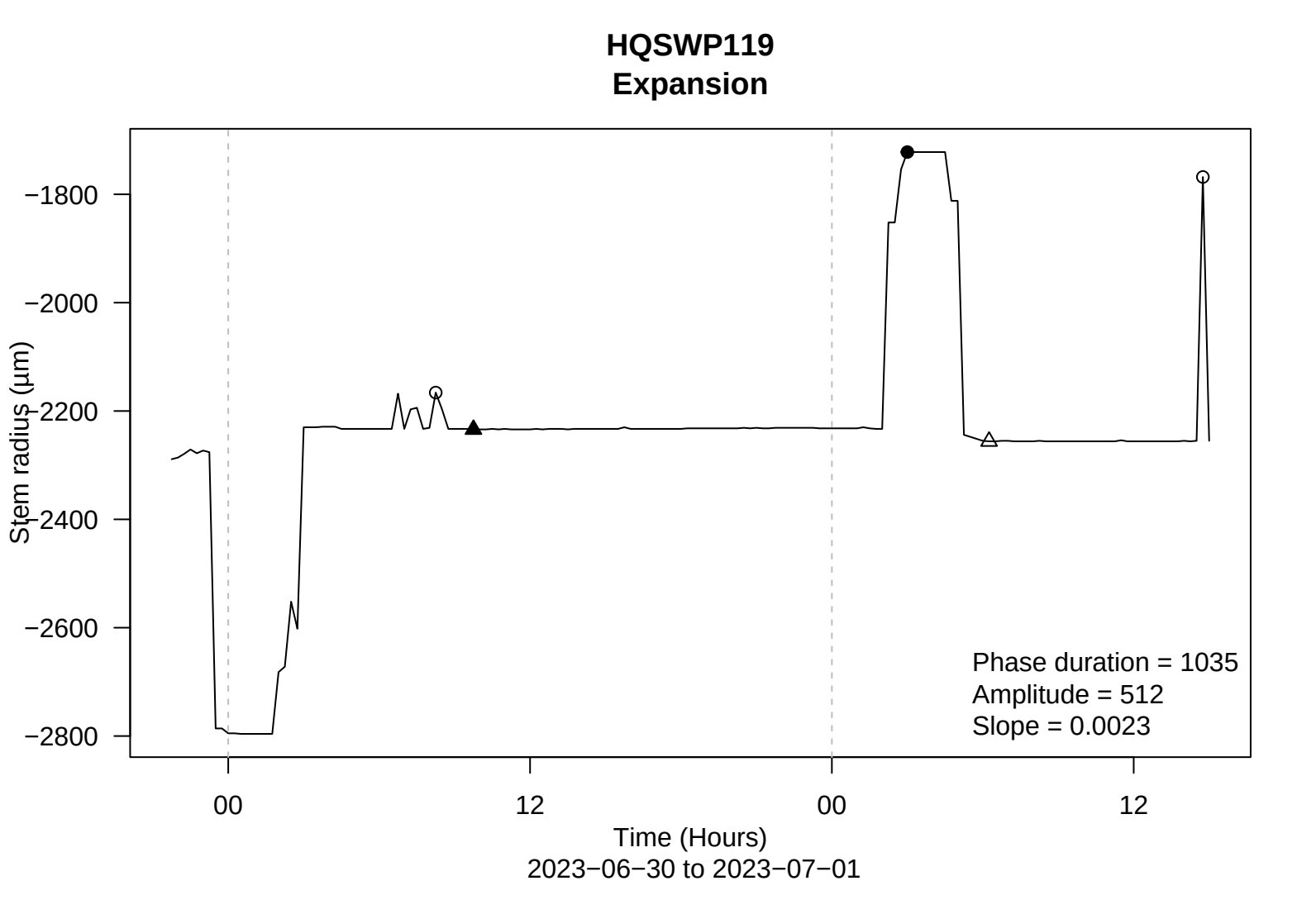

HQSWP119
Shrinkage
−3000
−3500
−4000
−4500
−5000
Stem radius (µm)
Phase duration = 1215
Amplitude = −2410
Slope = −0.0131
00
12
00
12
Time (Hours)
2023−06−24 to 2023−06−25

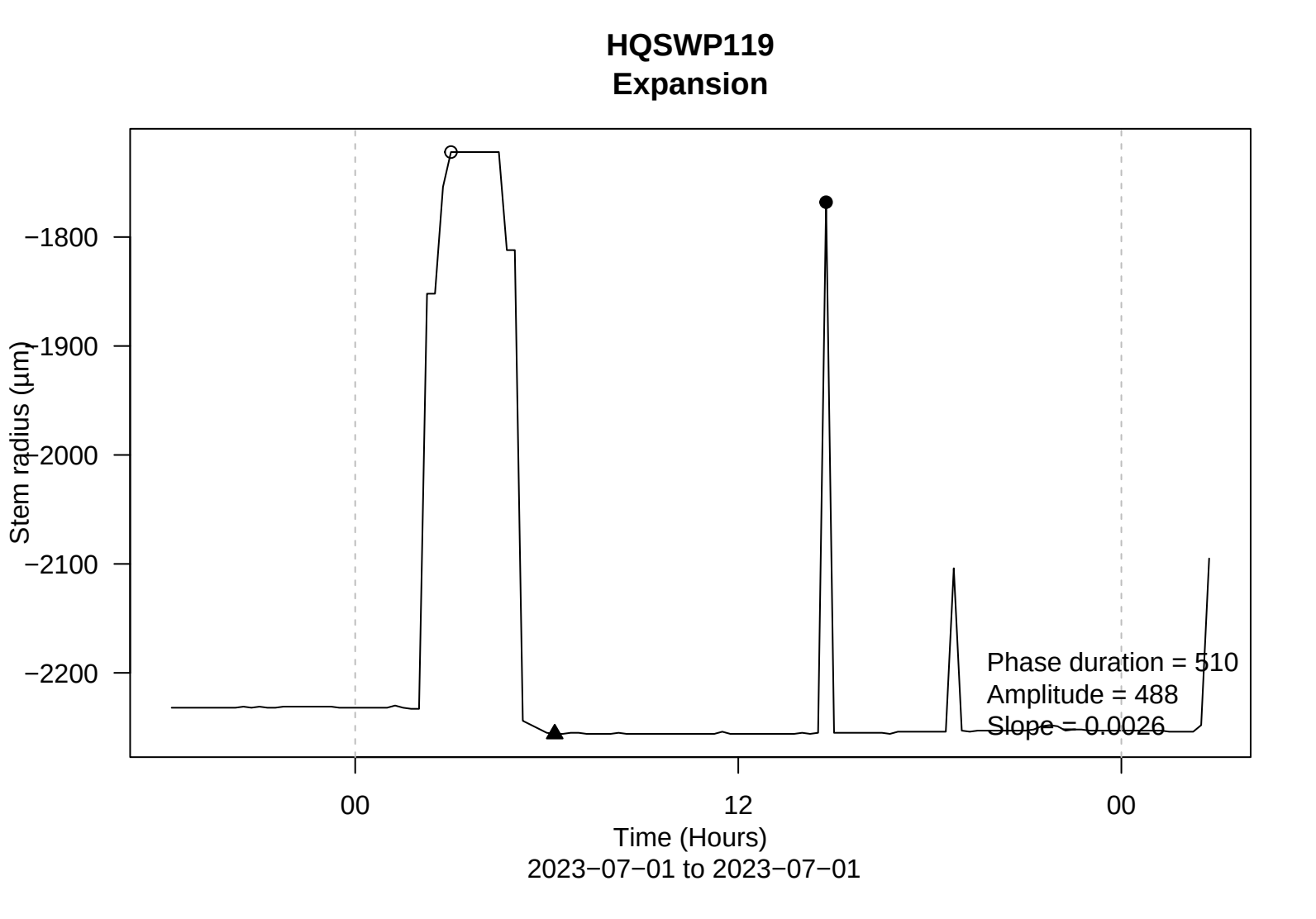

HQSWP119
Expansion
−4000
−4200
−4400
−4600
−4800
−5000
−5200
Stem radius (µm)
Phase duration = 915
Amplitude = 1243
Slope = 0.024
00
12
00
Time (Hours)
2023−06−25 to 2023−06−25

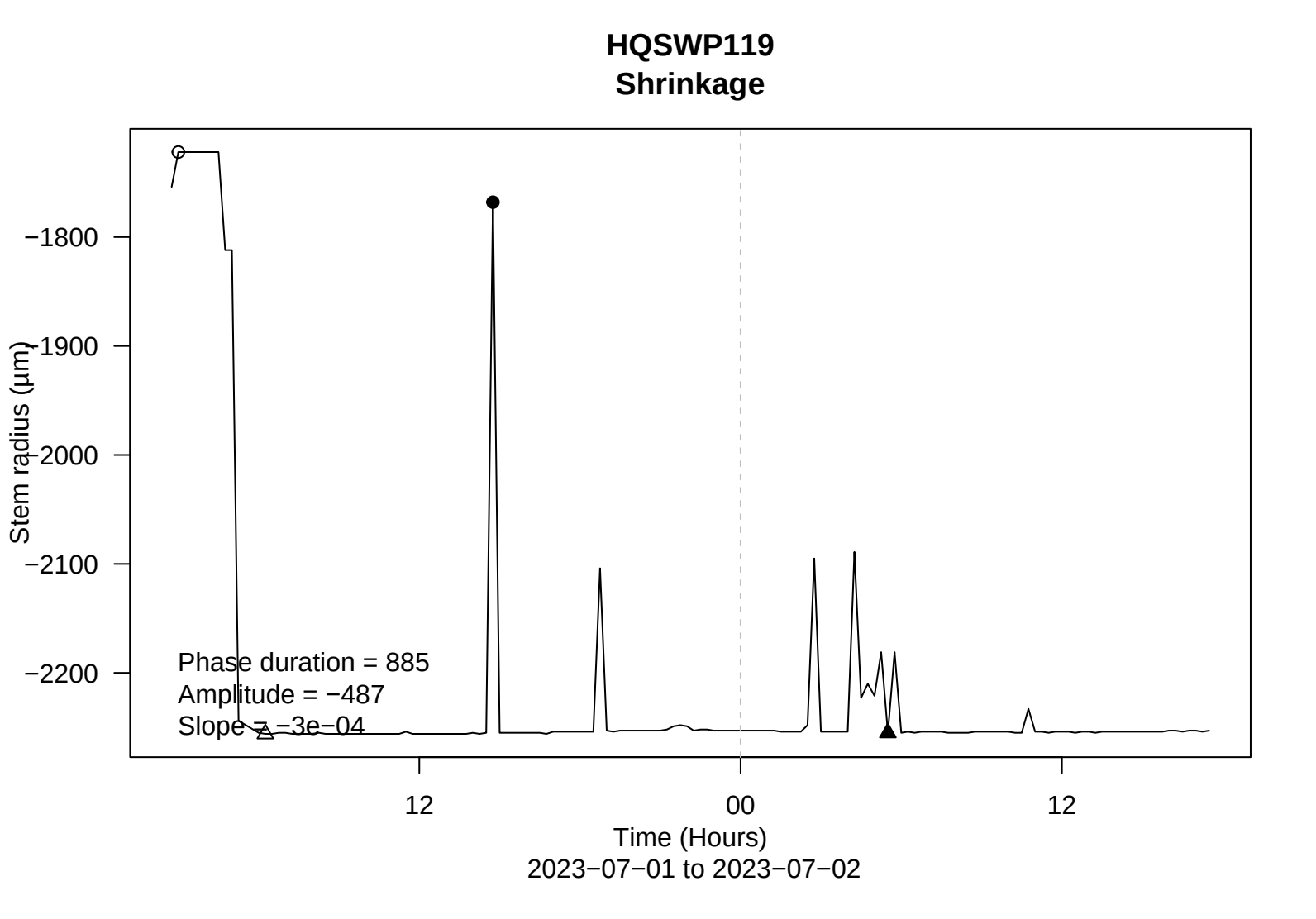

HQSWP119
Expansion
−1500
−2000
−2500
−3000
−3500
−4000
Stem radius (µm)
00
00
00
00
Time (Hours)
2023−06−25 to 2023−06−28
Phase duration = 3750
Amplitude = 3113
Slope = 0.0097

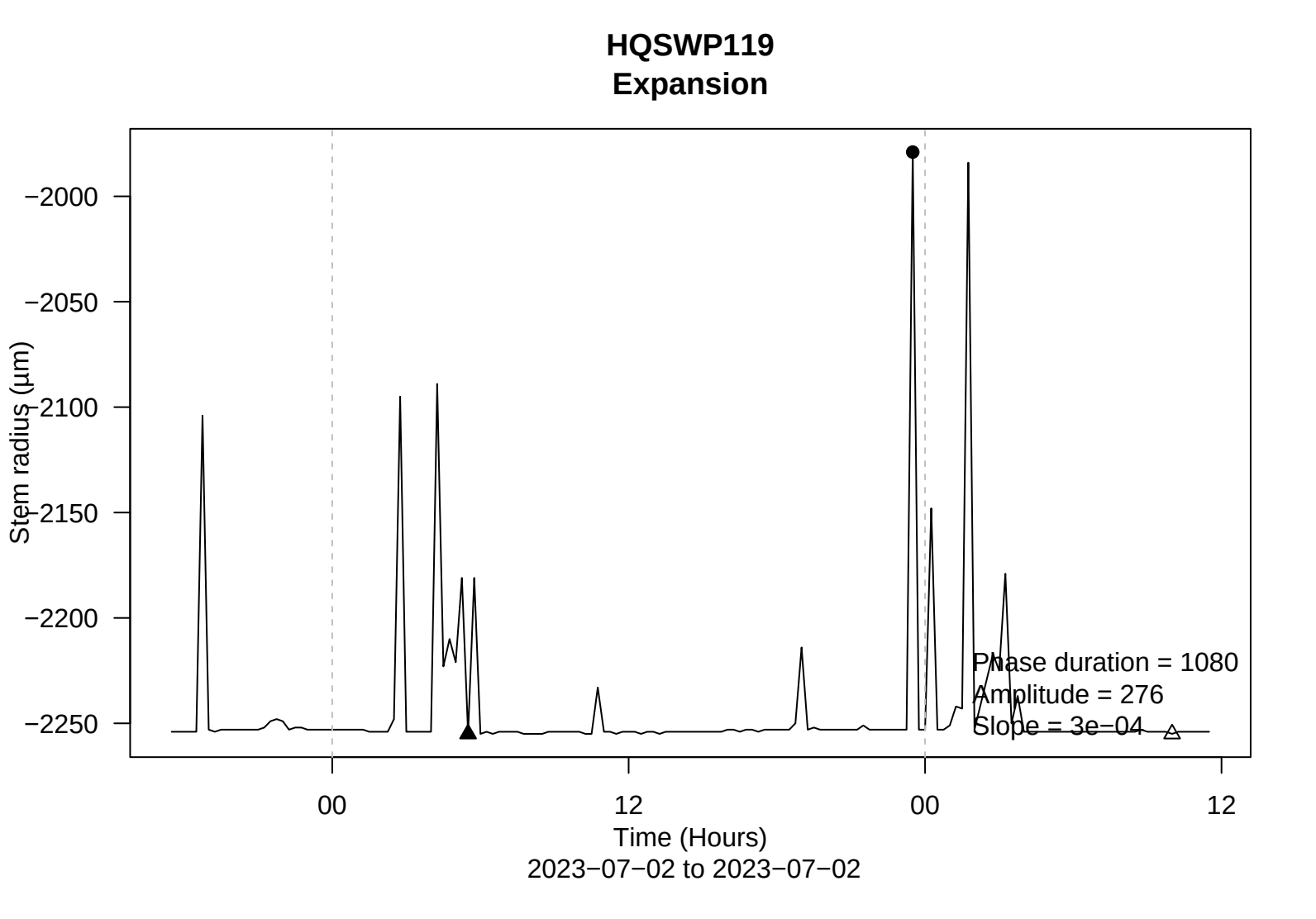

HQSWP119
Shrinkage
−1500
−2000
−2500
−3000
Stem radius (µm)
Phase duration = 720
Amplitude = −1799
Slope = −0.0457
00
12
00
12
Time (Hours)
2023−06−28 to 2023−06−29

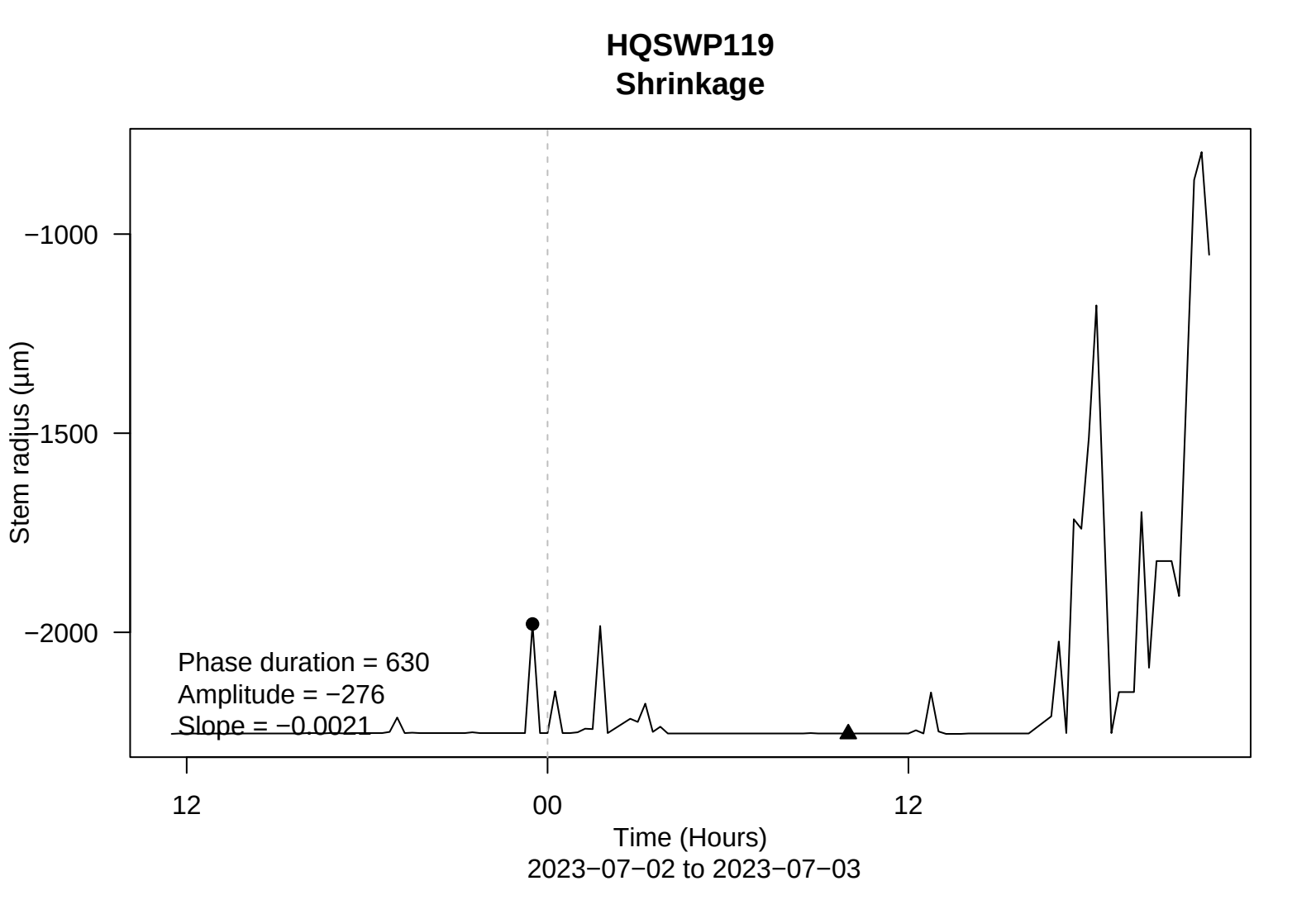

HQSWP119
Expansion
−2200
−2400
−2600
−2800
−3000
−3200
−3400
Stem radius (µm)
Phase duration = 1185
Amplitude = 1296
Slope = 0.0216
00
12
00
12
Time (Hours)
2023−06−29 to 2023−06−30

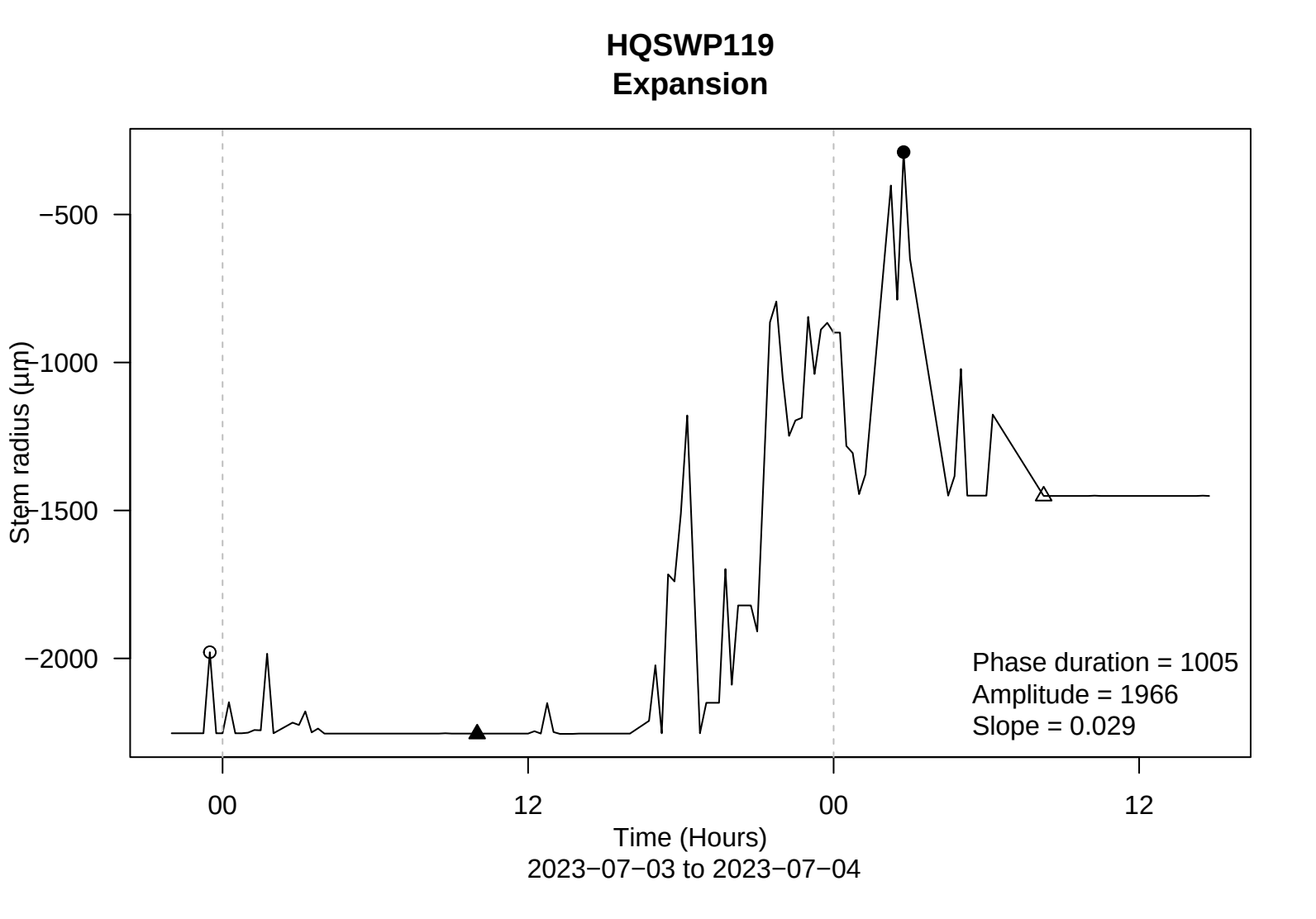

HQSWP119
Expansion
−1800
−2000
−2200
−2400
−2600
−2800
Stem radius (µm)
00
12
00
12
Time (Hours)
2023−06−30 to 2023−07−01
Phase duration = 1035
Amplitude = 512
Slope = 0.0023

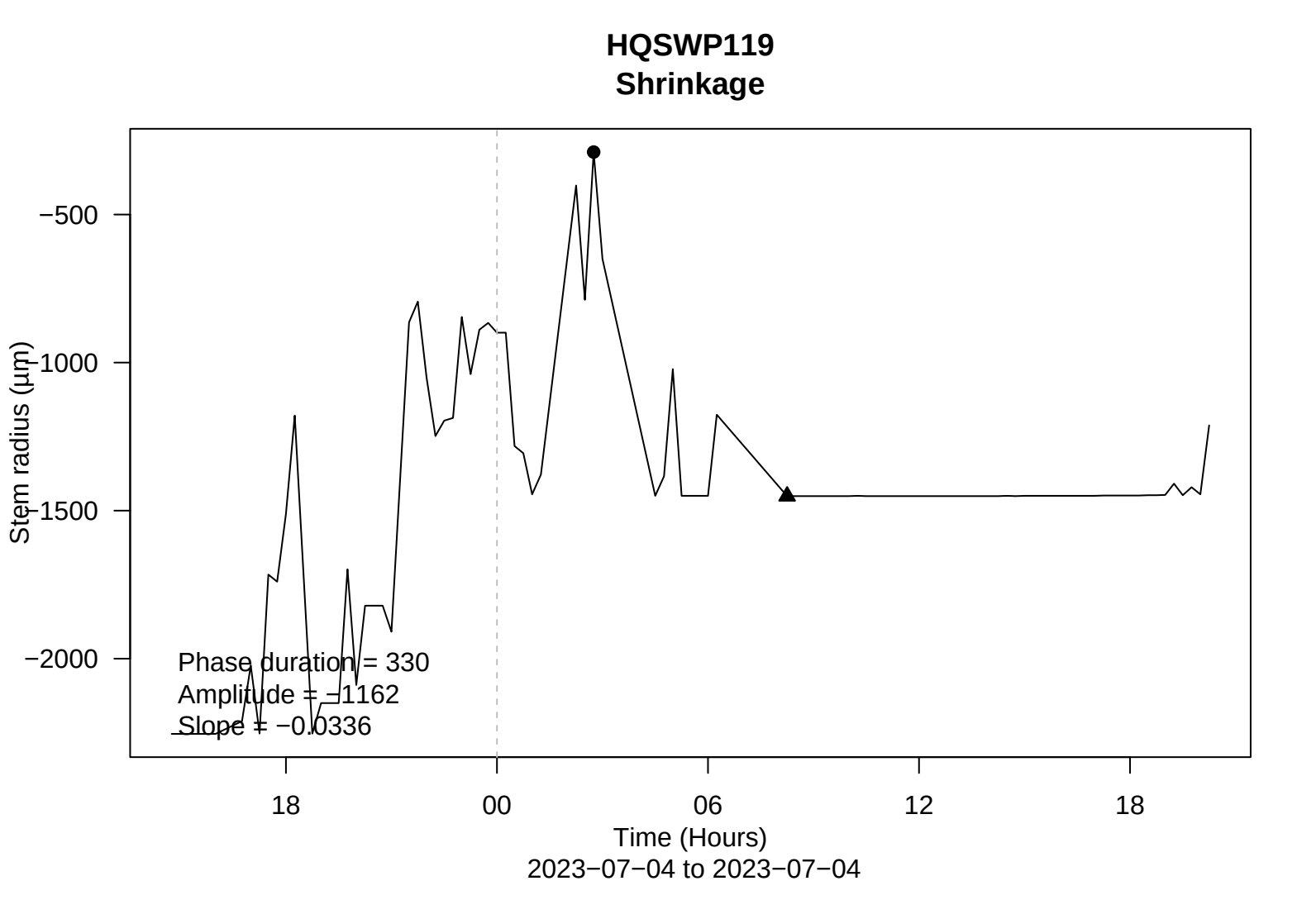

HQSWP119
Expansion
−1800
−1900
−2000
−2100
−2200
Stem radius (µm)
Phase duration = 510
Amplitude = 488
Slope = 0.0026
00
12
00
Time (Hours)
2023−07−01 to 2023−07−01

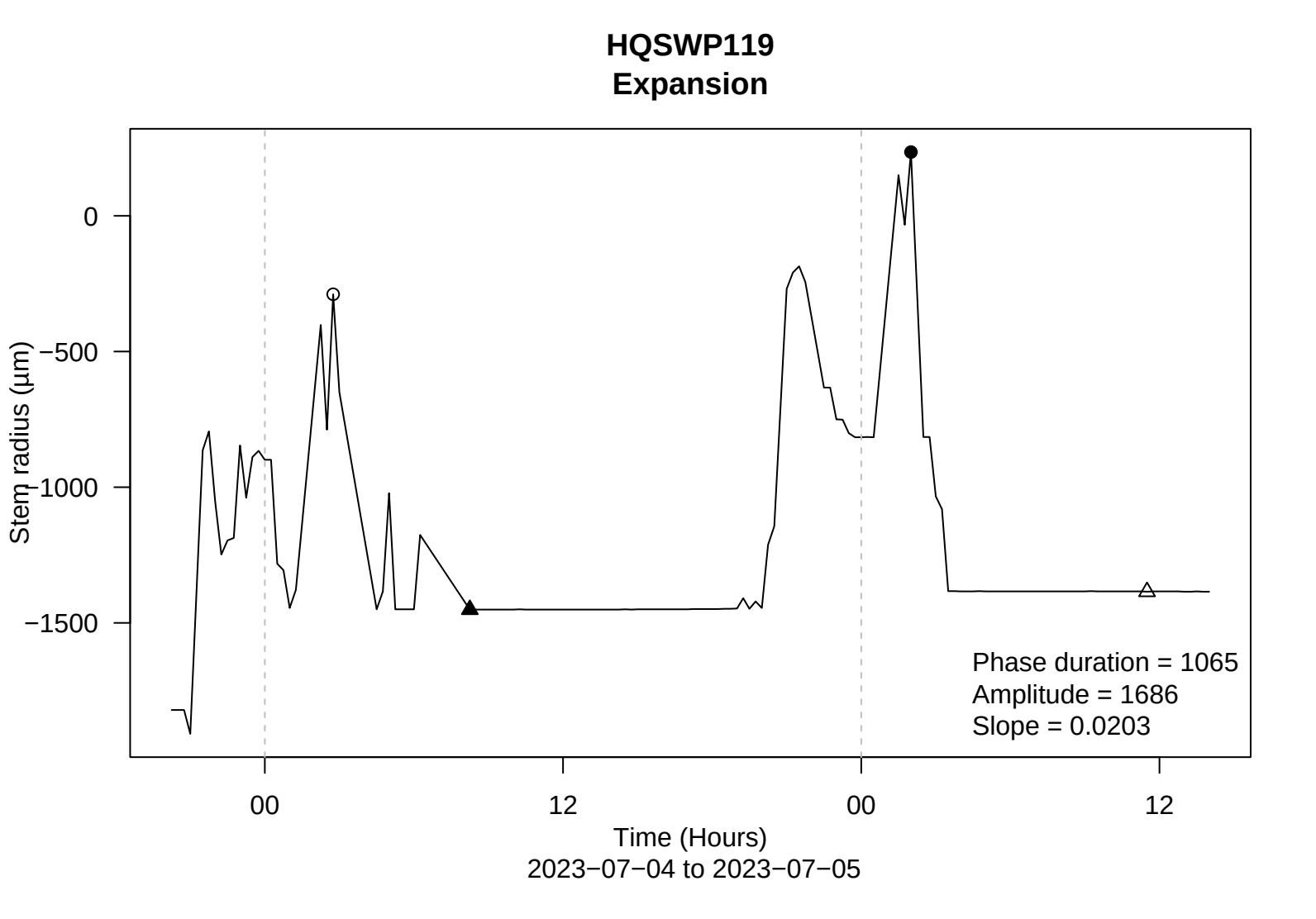

HQSWP119
Shrinkage
−1800
−1900
−2000
−2100
−2200
Stem radius (µm)
Phase duration = 885
Amplitude = −487
Slope = −3e−04
12
00
12
Time (Hours)
2023−07−01 to 2023−07−02

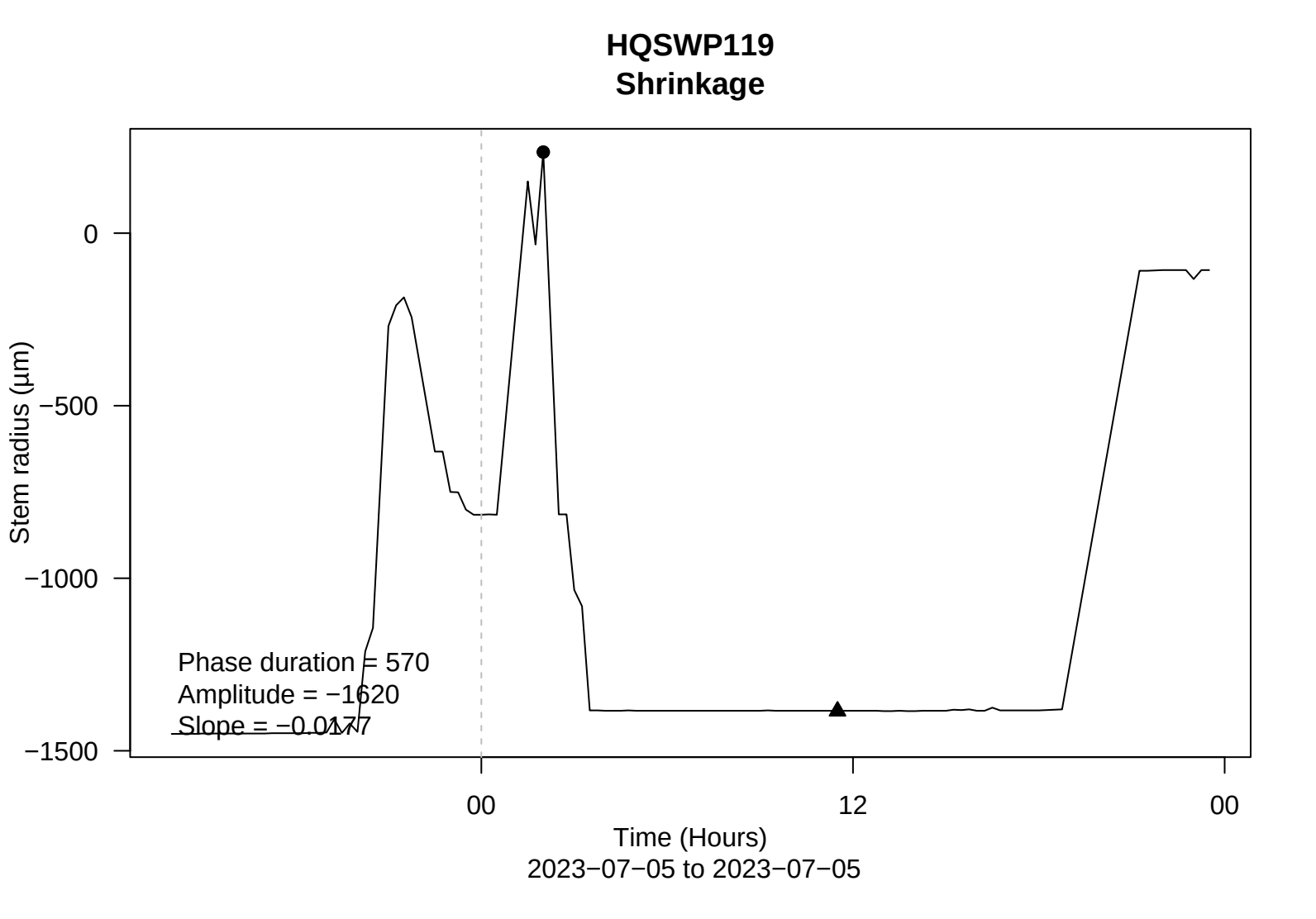

HQSWP119
Expansion
−2000
−2050
−2100
−2150
−2200
−2250
Stem radius (µm)
00
12
00
12
Time (Hours)
2023−07−02 to 2023−07−02
Phase duration = 1080
Amplitude = 276
Slope = 3e−04

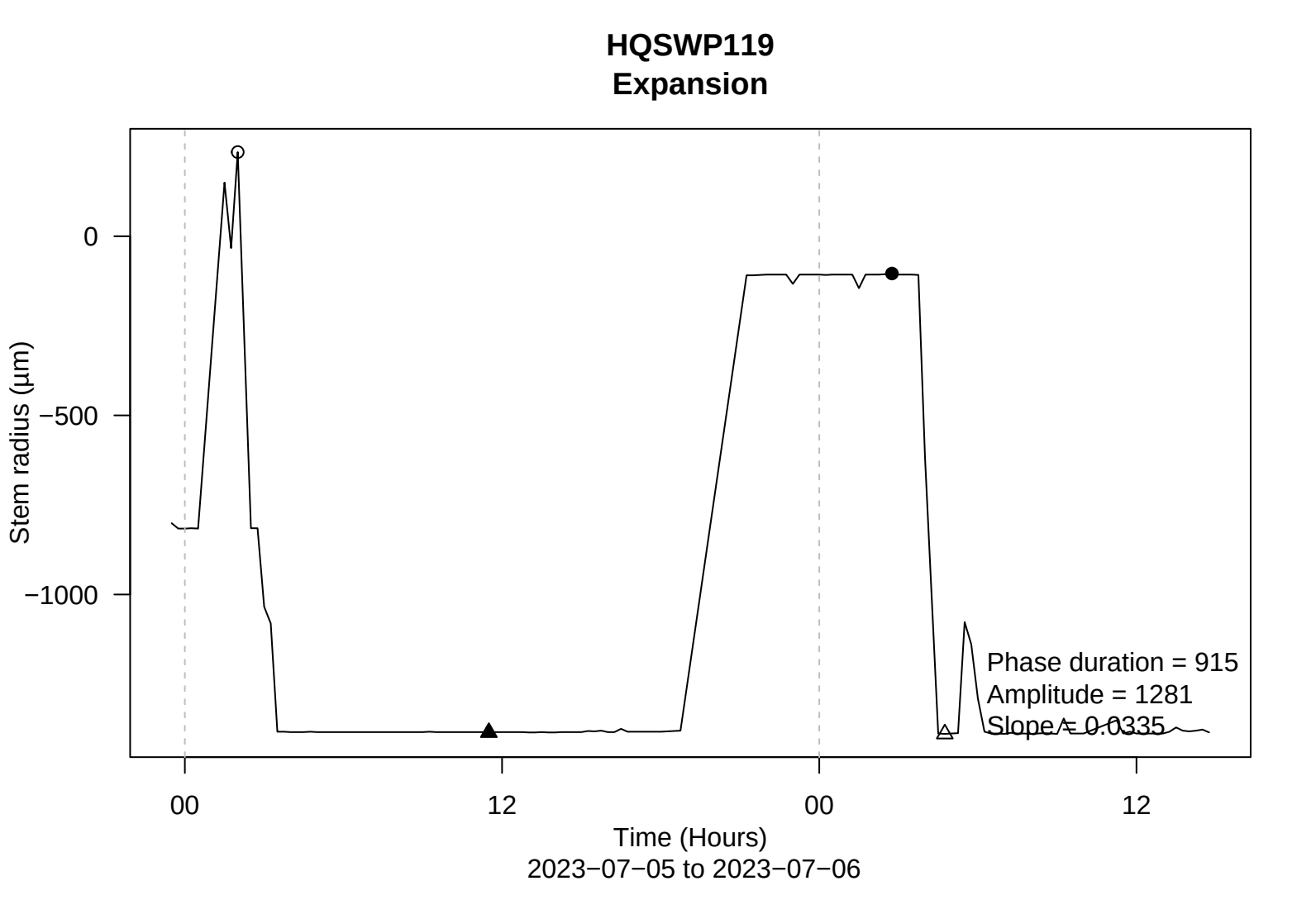

HQSWP119
Shrinkage
−1000
−1500
−2000
Stem radius (µm)
Phase duration = 630
Amplitude = −276
Slope = −0.0021
12
00
12
Time (Hours)
2023−07−02 to 2023−07−03

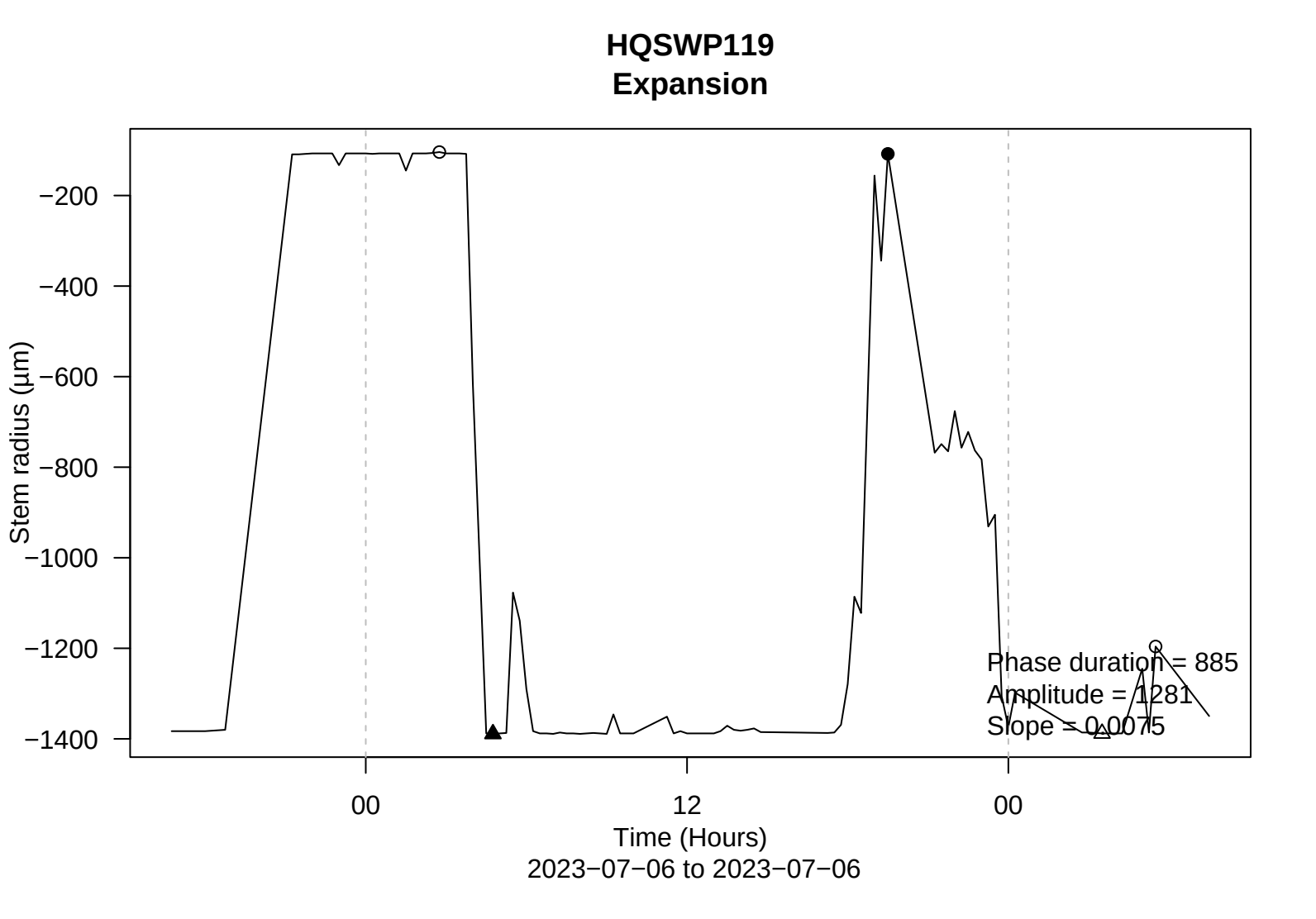

HQSWP119
Expansion
−500
−1000
−1500
−2000
Stem radius (µm)
Phase duration = 1005
Amplitude = 1966
Slope = 0.029
00
12
00
12
Time (Hours)
2023−07−03 to 2023−07−04

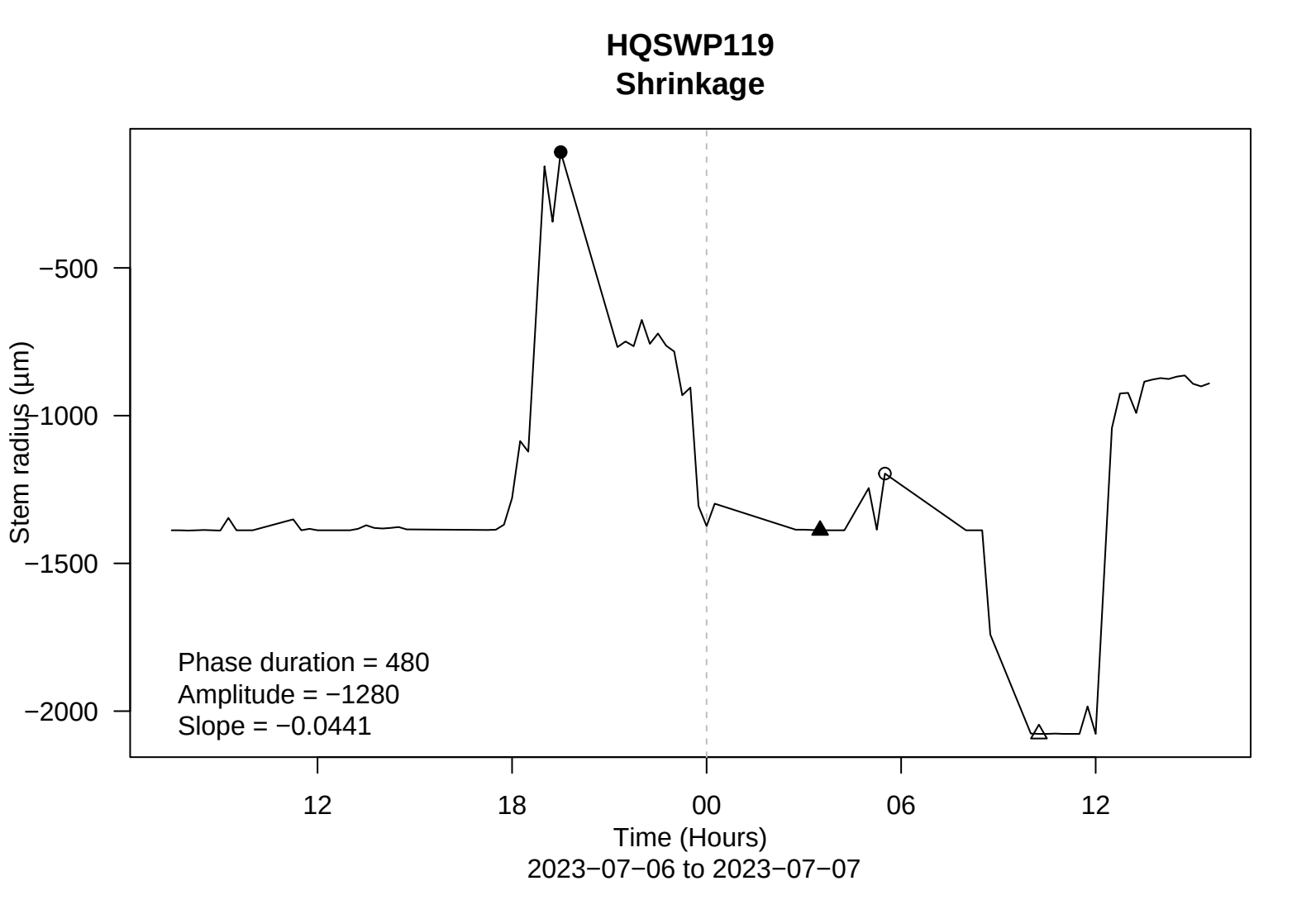

HQSWP119
Shrinkage
−500
−1000
−1500
−2000
Stem radius (µm)
Phase duration = 330
Amplitude = −1162
Slope = −0.0336
18
00
06
12
18
Time (Hours)
2023−07−04 to 2023−07−04

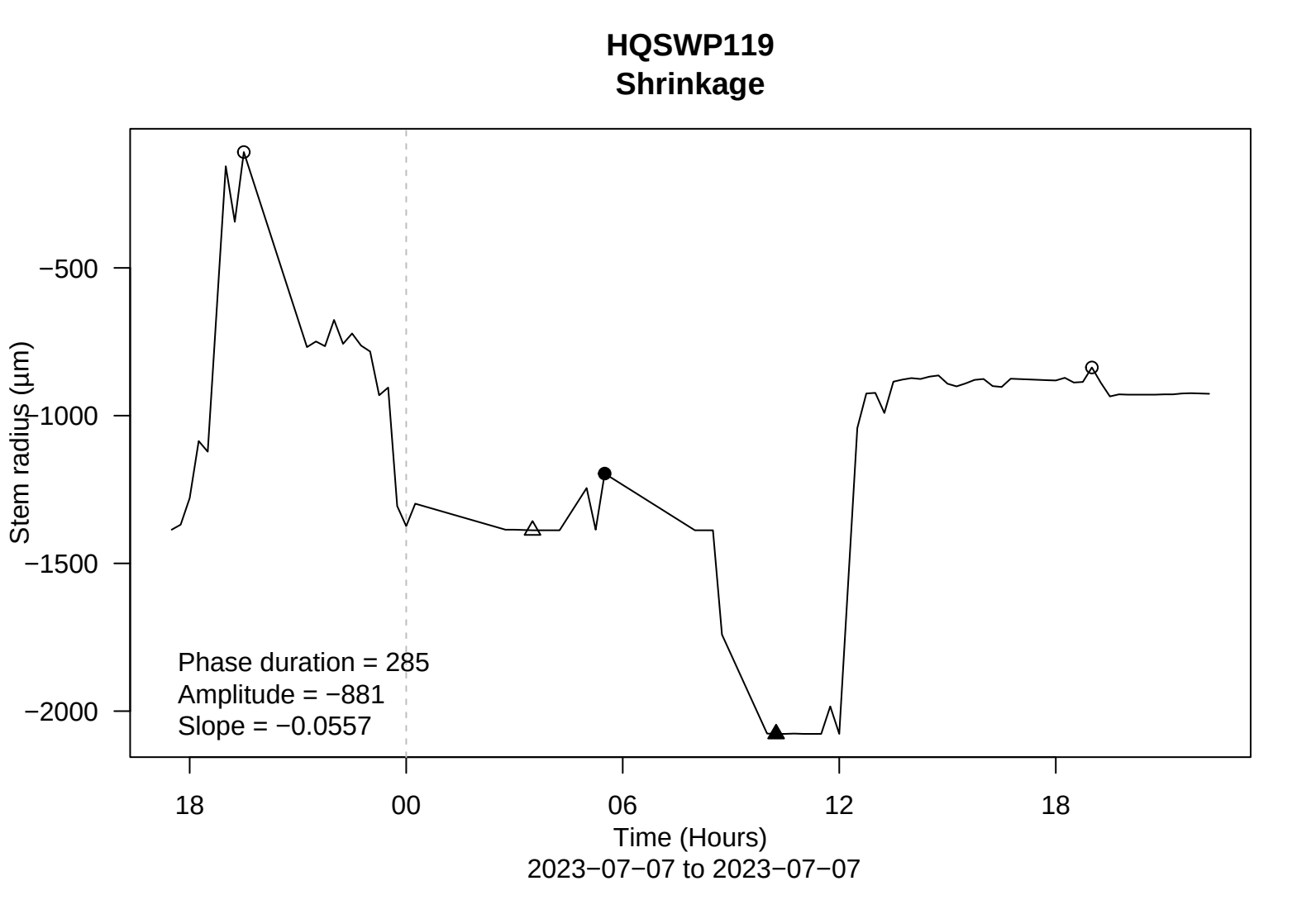

HQSWP119
Expansion
0
−500
−1000
−1500
Stem radius (µm)
00
12
00
12
Time (Hours)
2023−07−04 to 2023−07−05
Phase duration = 1065
Amplitude = 1686
Slope = 0.0203

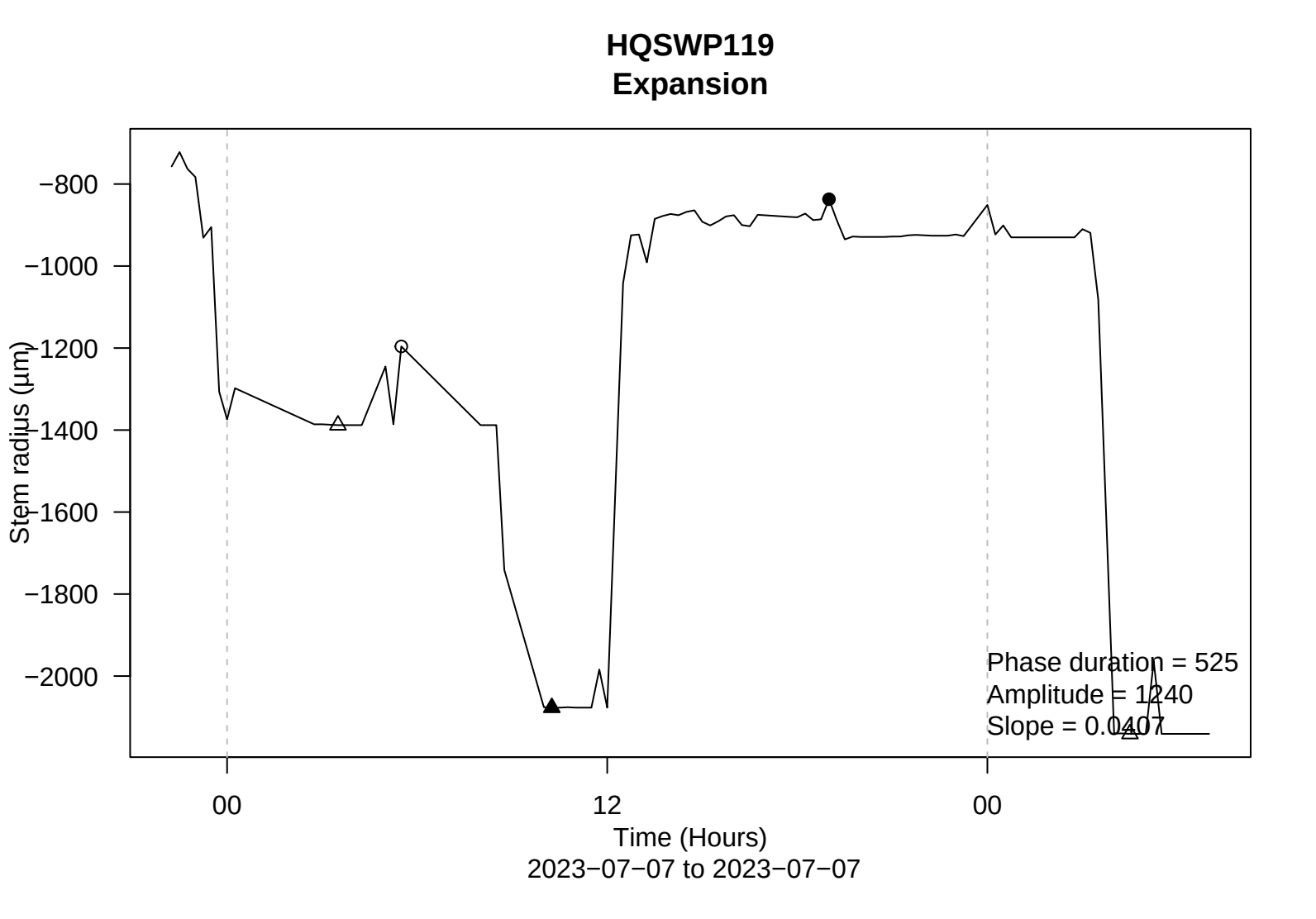

HQSWP119
Shrinkage
0
−500
−1000
−1500
Stem radius (µm)
Phase duration = 570
Amplitude = −1620
Slope = −0.017
00
12
00
Time (Hours)
2023−07−05 to 2023−07−05

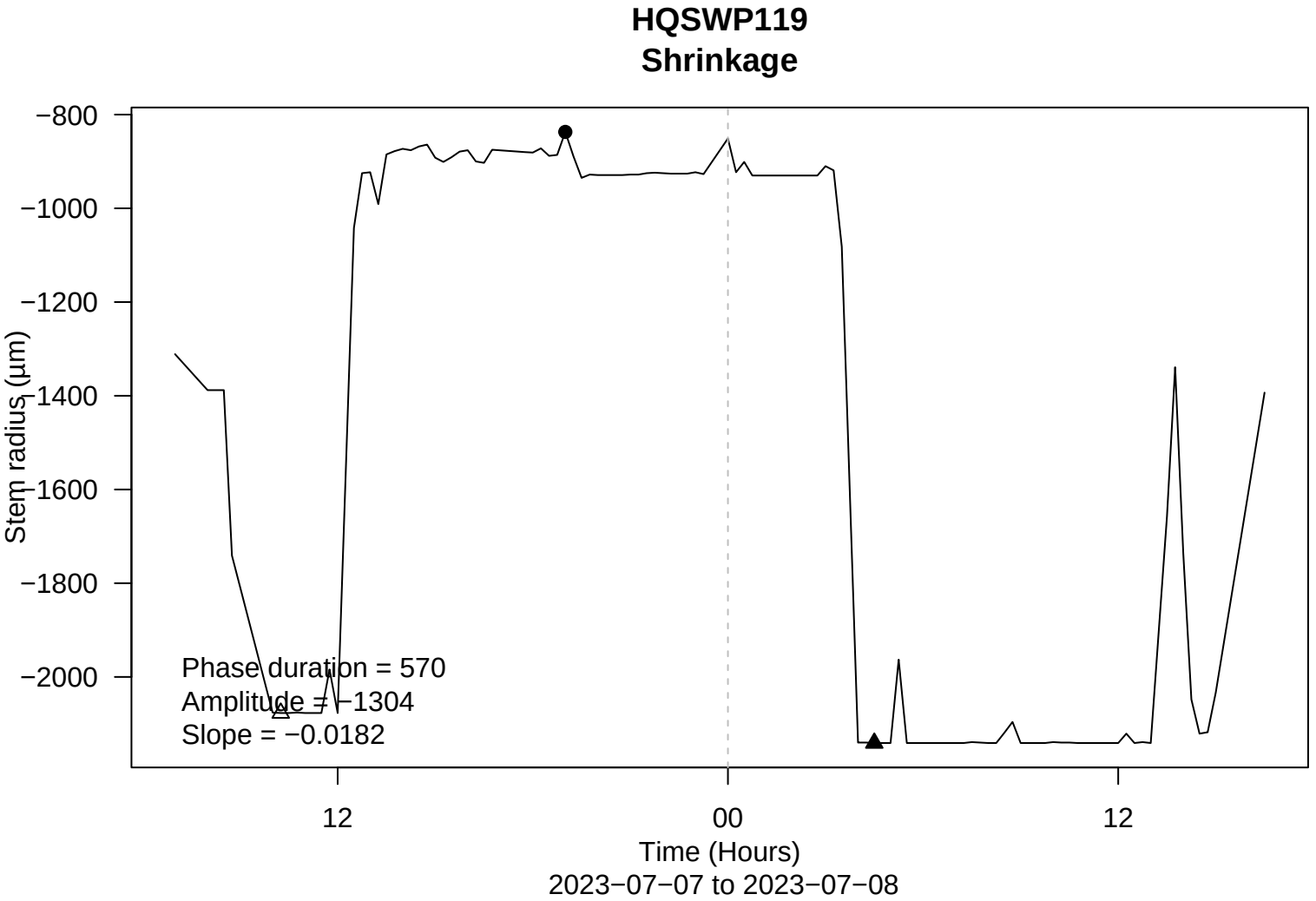

HQSWP119
Expansion
0
−500
−1000
Stem radius (µm)
Phase duration = 915
Amplitude = 1281
Slope = 0.0335
00
12
00
12
Time (Hours)
2023−07−05 to 2023−07−06

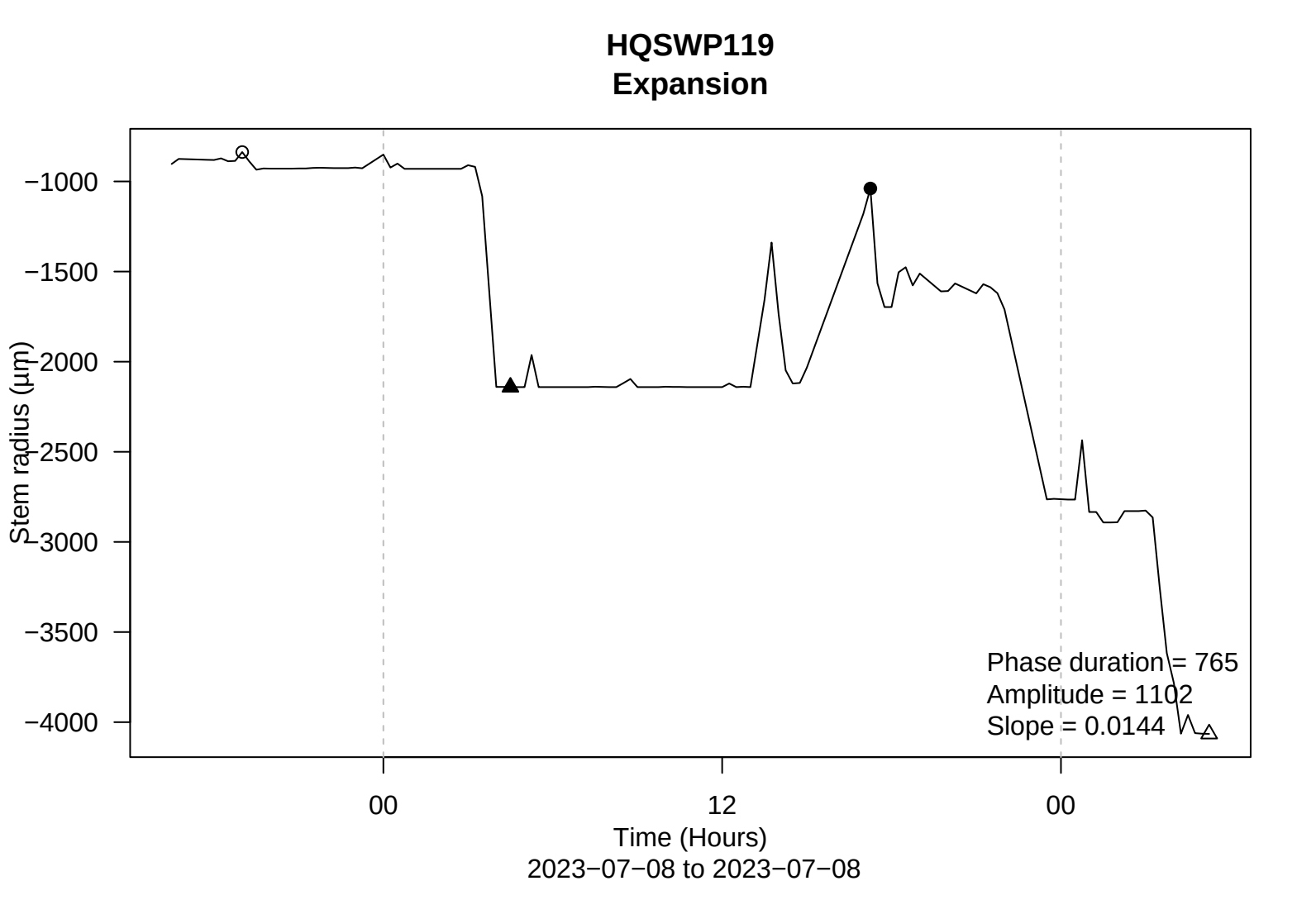

HQSWP119
Expansion
−200
−400
−600
−800
−1000
−1200
−1400
Stem radius (µm)
00
12
00
Time (Hours)
2023−07−06 to 2023−07−06
Phase duration = 885
Amplitude = 1281
Slope = 0.0075

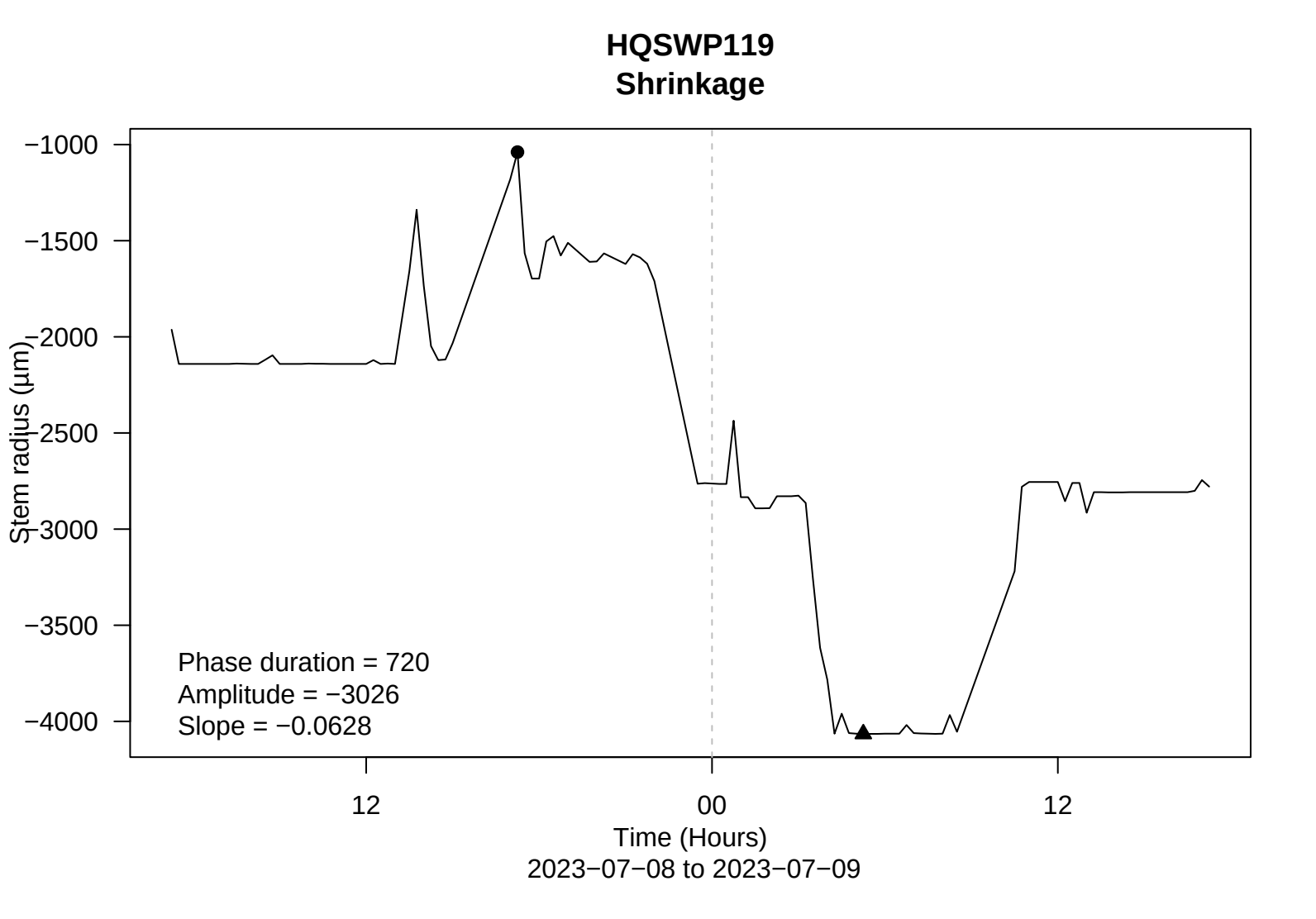

HQSWP119
Shrinkage
Stem radius (µm)
−500
−1000
−1500
−2000
Phase duration = 480
Amplitude = −1280
Slope = −0.0441
12
18
00
06
12
Time (Hours)
2023−07−06 to 2023−07−07

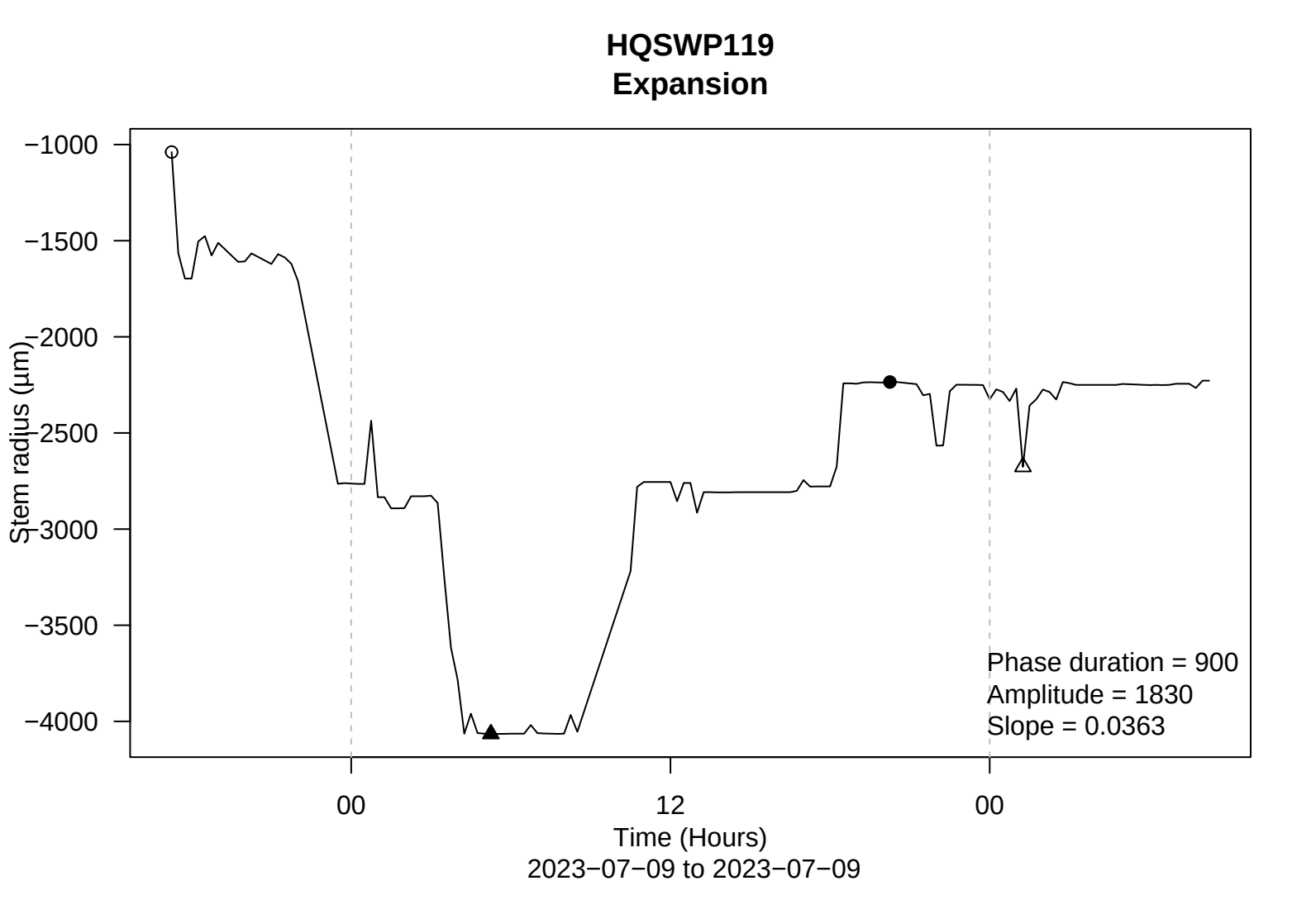

HQSWP119
Shrinkage
Stem radius (µm)
−500
−1000
−1500
−2000
Phase duration = 285
Amplitude = −881
Slope = −0.0557
18
00
06
12
18
Time (Hours)
2023−07−07 to 2023−07−07

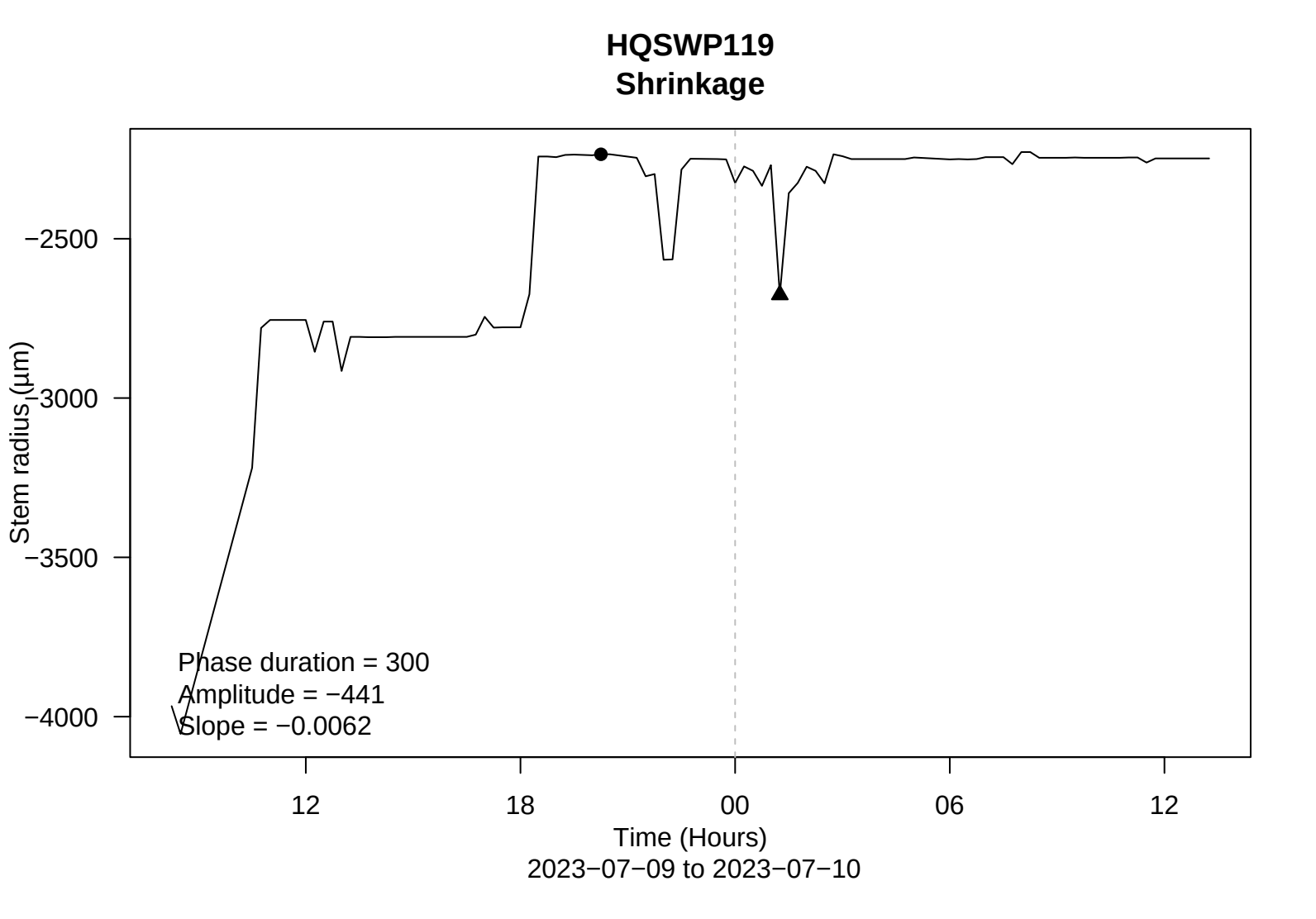

HQSWP119
Expansion
−800
−1000
−1200
−1400
−1600
−1800
−2000
Stem radius (µm)
Phase duration = 525
Amplitude = 1240
Slope = 0.0407
00
12
00
Time (Hours)
2023−07−07 to 2023−07−07

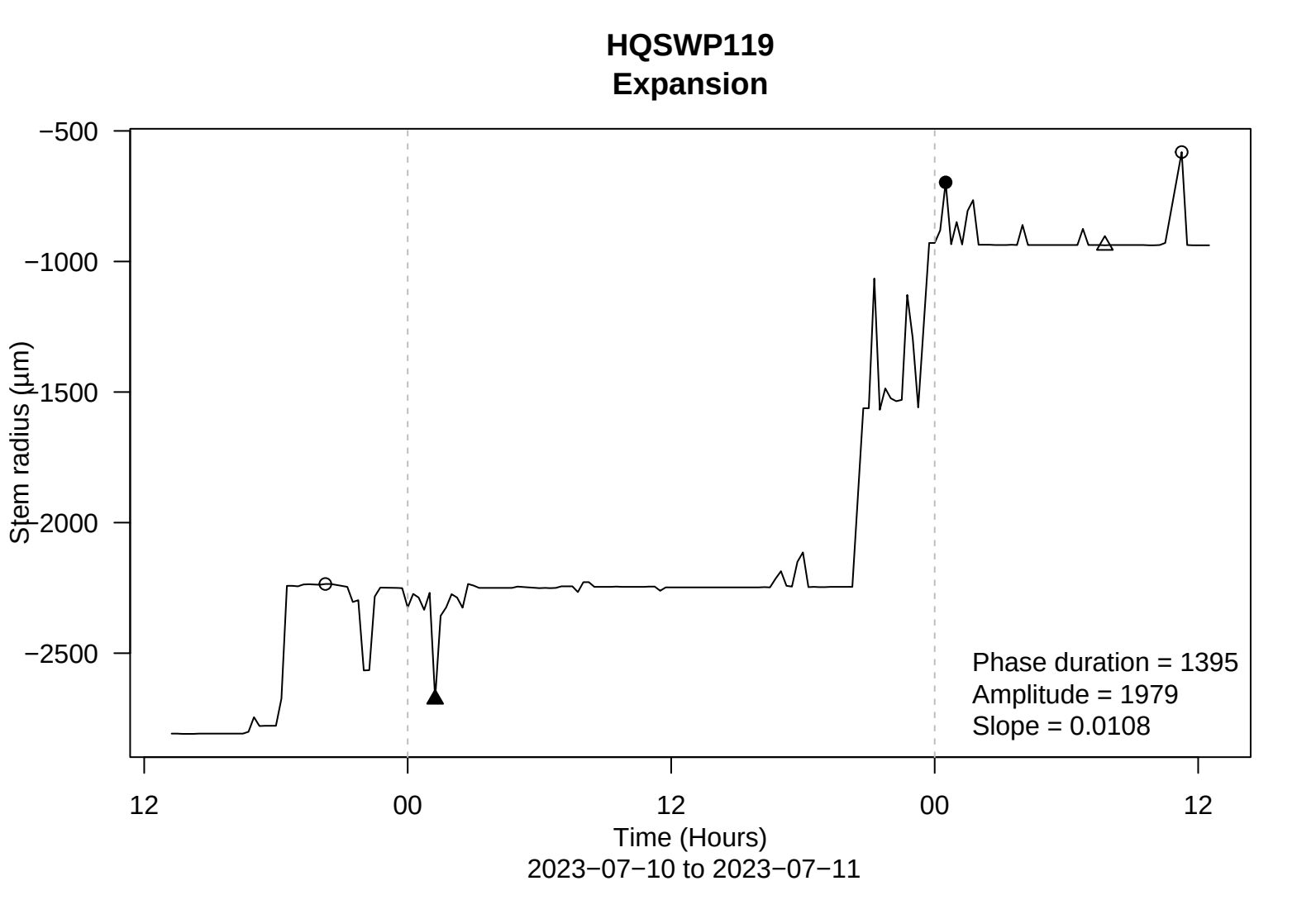

HQSWP119
Shrinkage
−800
−1000
−1200
−1400
−1600
−1800
−2000
Stem radius (µm)
Phase duration = 570
Amplitude = −1304
Slope = −0.0182
12
00
12
Time (Hours)
2023−07−07 to 2023−07−08

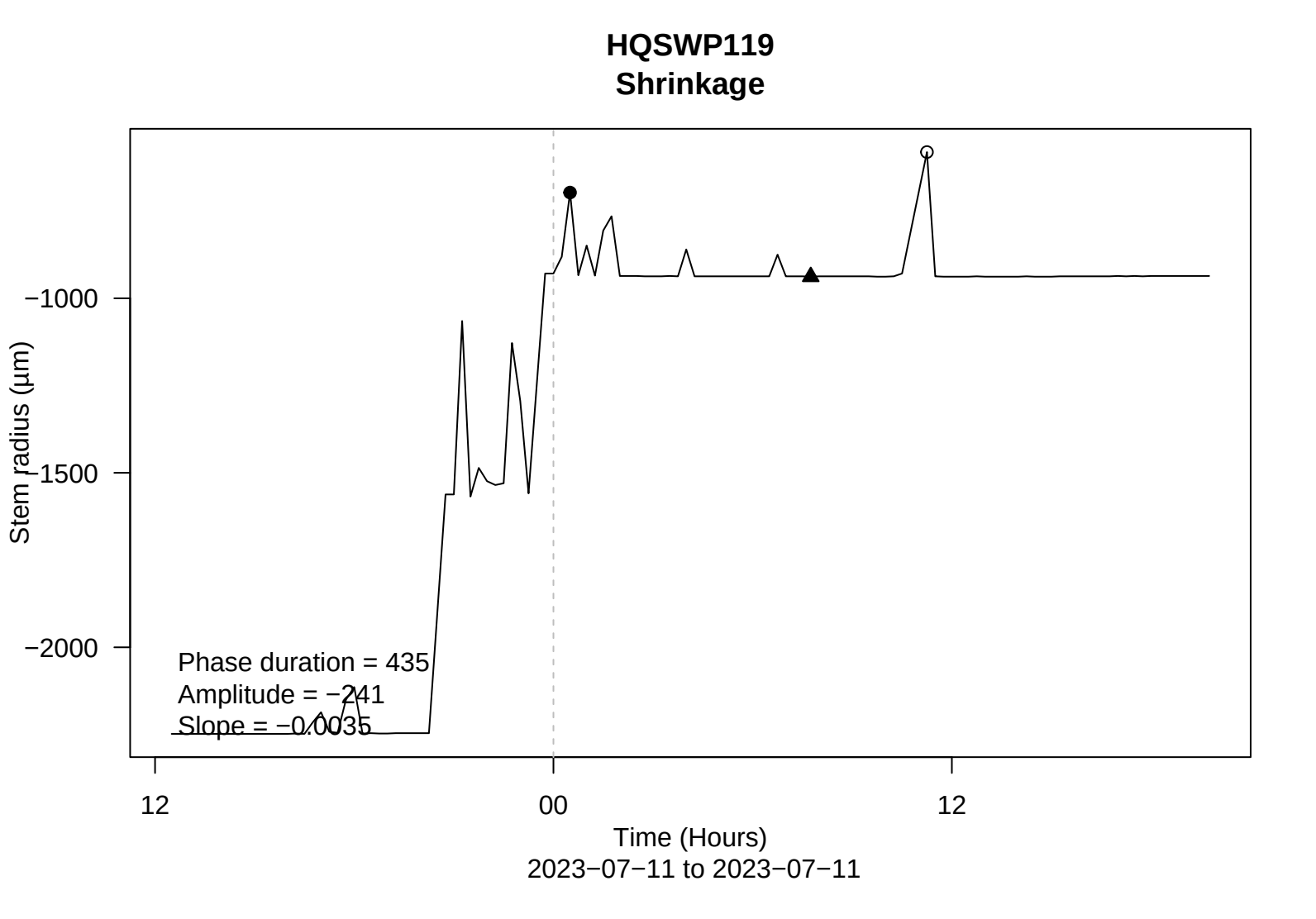

HQSWP119
Expansion
−1000
−1500
−2000
−2500
−3000
−3500
−4000
Stem radius (µm)
Phase duration = 765
Amplitude = 1102
Slope = 0.0144
00
12
00
Time (Hours)
2023−07−08 to 2023−07−08

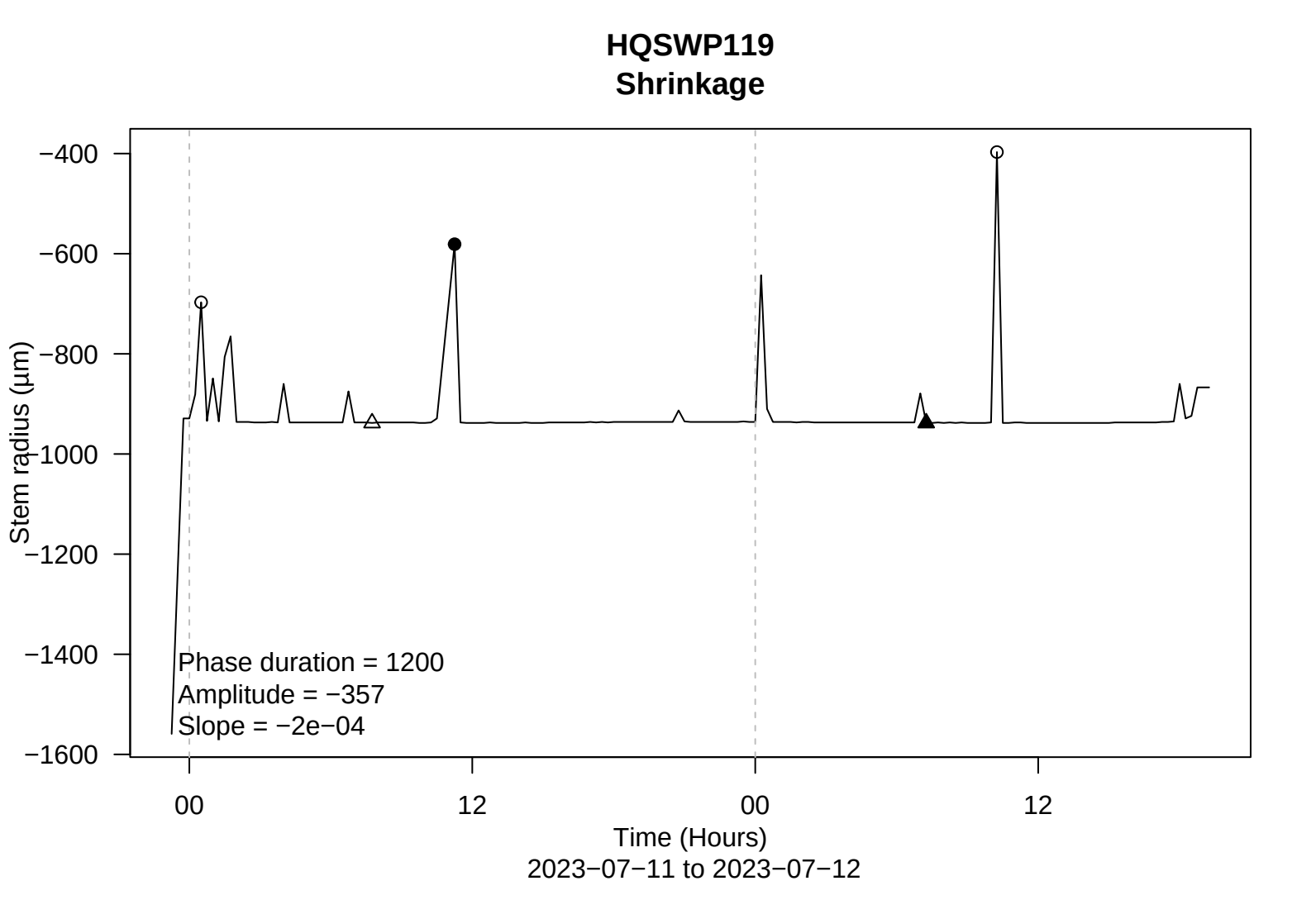

HQSWP119
Shrinkage
−1000
−1500
−2000
−2500
−3000
−3500
−4000
Stem radius (µm)
Phase duration = 720
Amplitude = −3026
Slope = −0.0628
12
00
12
Time (Hours)
2023−07−08 to 2023−07−09

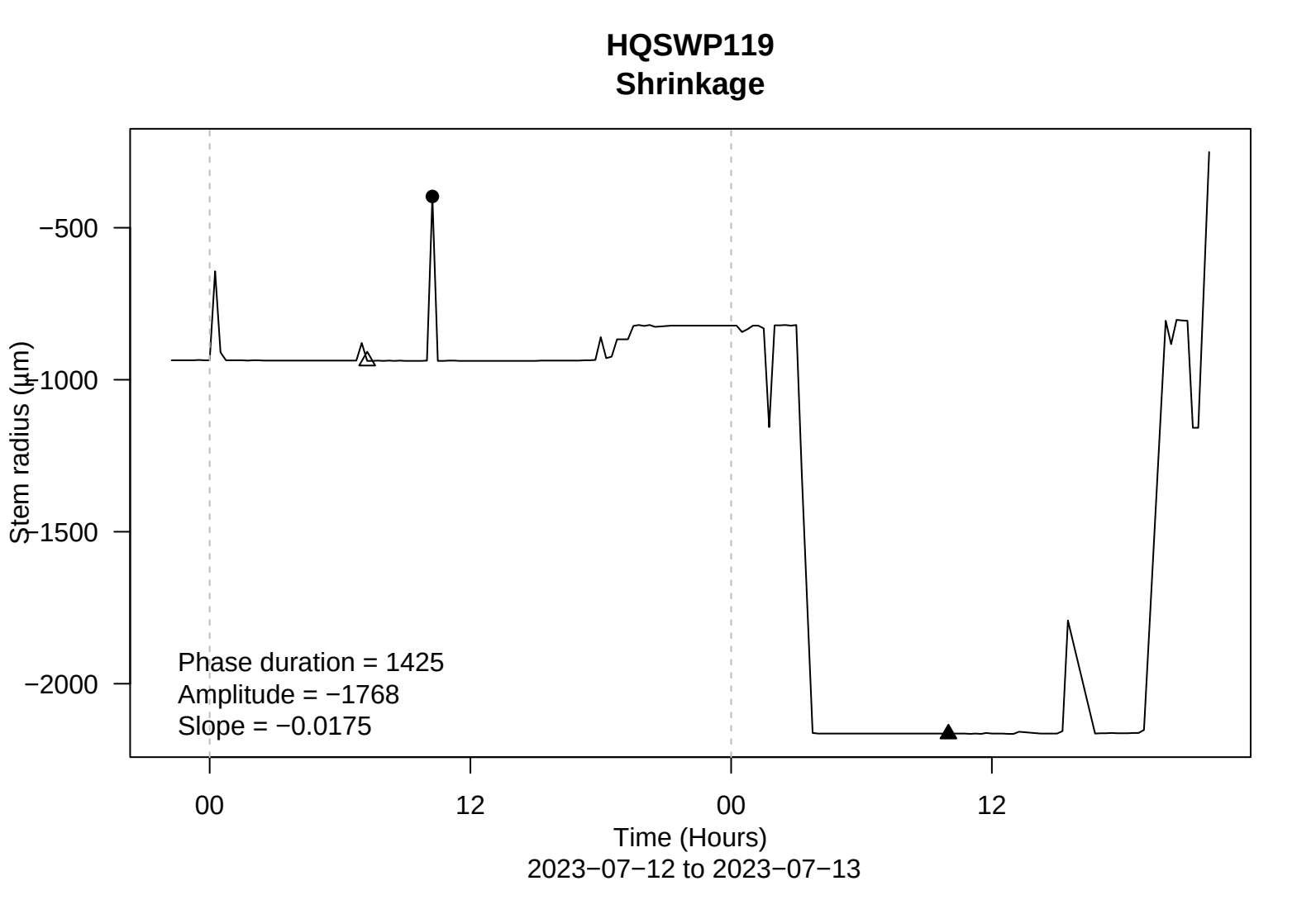

HQSWP119
Expansion
−1000
−1500
−2000
−2500
−3000
−3500
−4000
Stem radius (µm)
Phase duration = 900
Amplitude = 1830
Slope = 0.0363
00
12
00
Time (Hours)
2023−07−09 to 2023−07−09

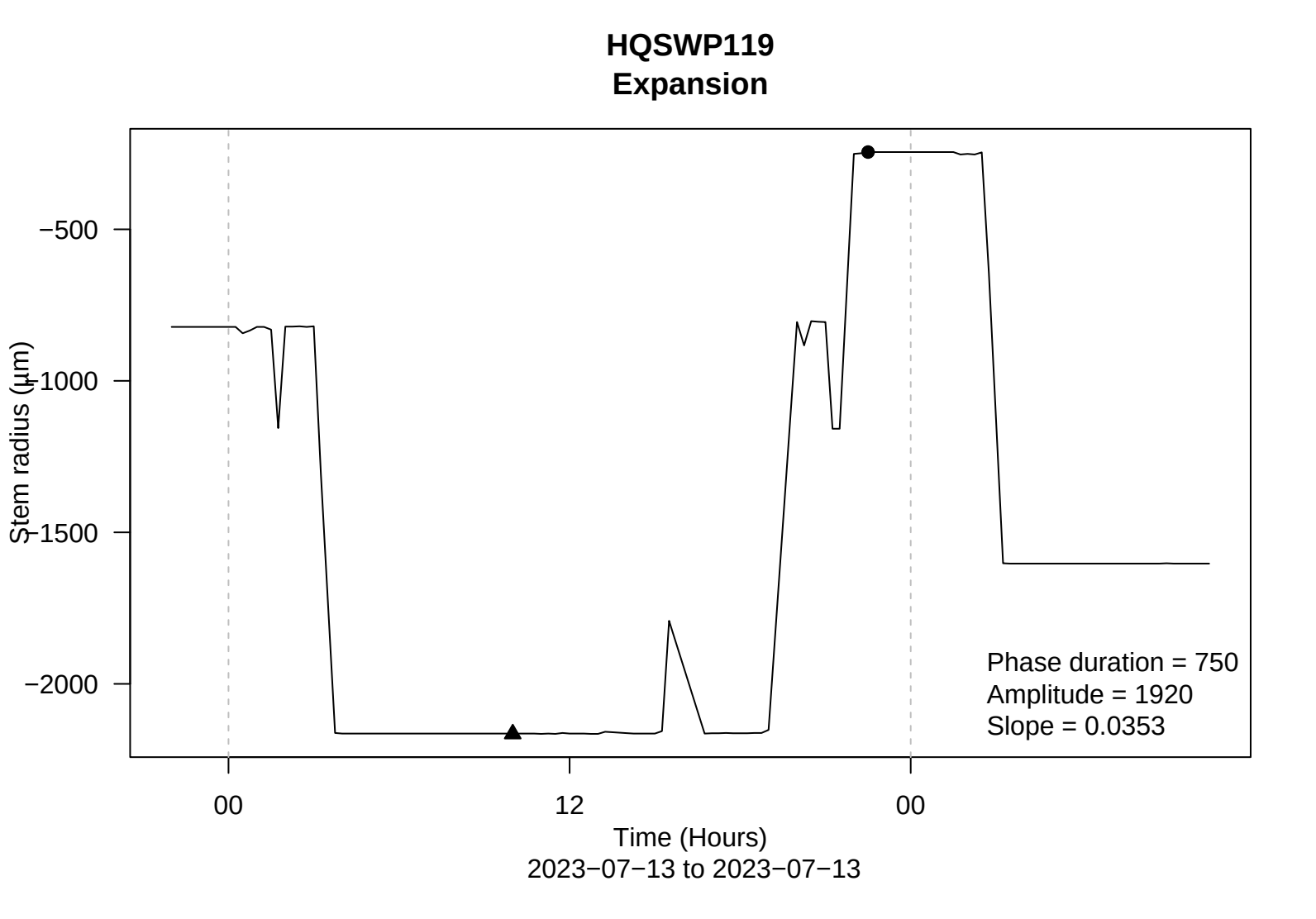

HQSWP119
Shrinkage
−2500
−3000
−3500
−4000
Stem radius (µm)
Phase duration = 300
Amplitude = −441
Slope = −0.0062
12
18
00
06
12
Time (Hours)
2023−07−09 to 2023−07−10

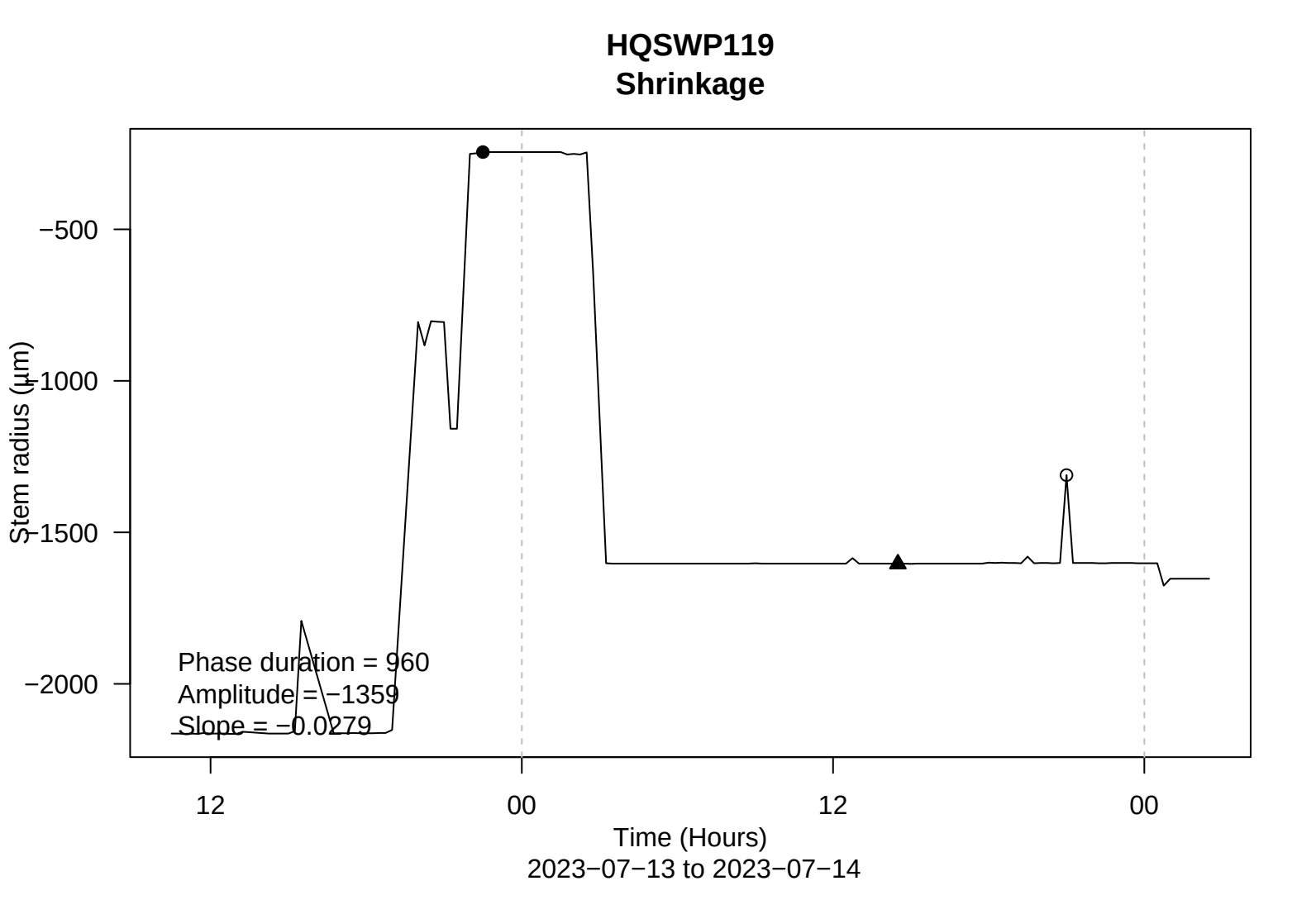

HQSWP119
Expansion
−500
−1000
−1500
−2000
−2500
Stem radius (µm)
Phase duration = 1395
Amplitude = 1979
Slope = 0.0108
12
00
12
00
12
Time (Hours)
2023−07−10 to 2023−07−11

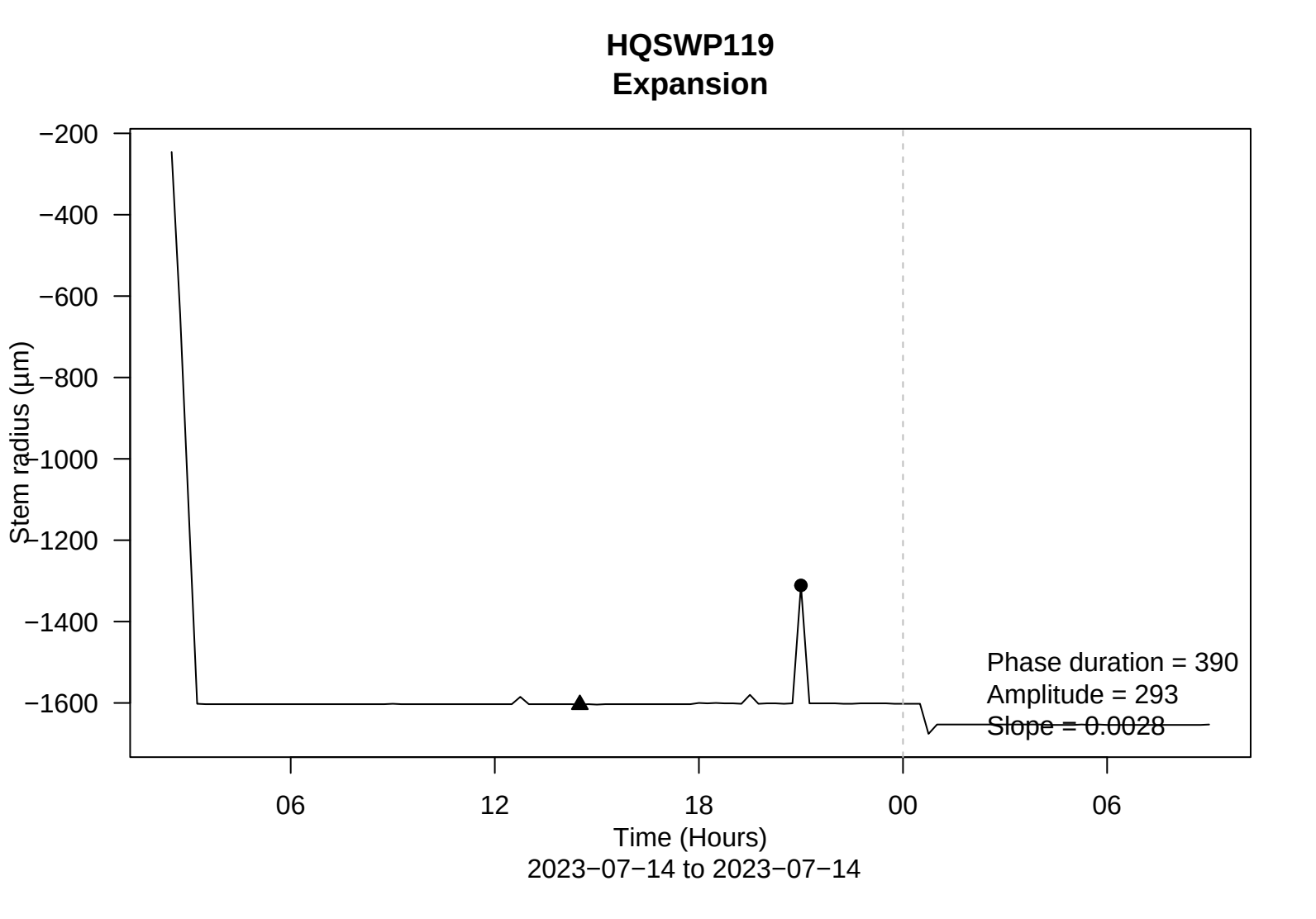

HQSWP119
Shrinkage
−1000
−1500
−2000
Stem radius (µm)
Phase duration = 435
Amplitude = −241
Slope = −0.0035
12
00
12
Time (Hours)
2023−07−11 to 2023−07−11

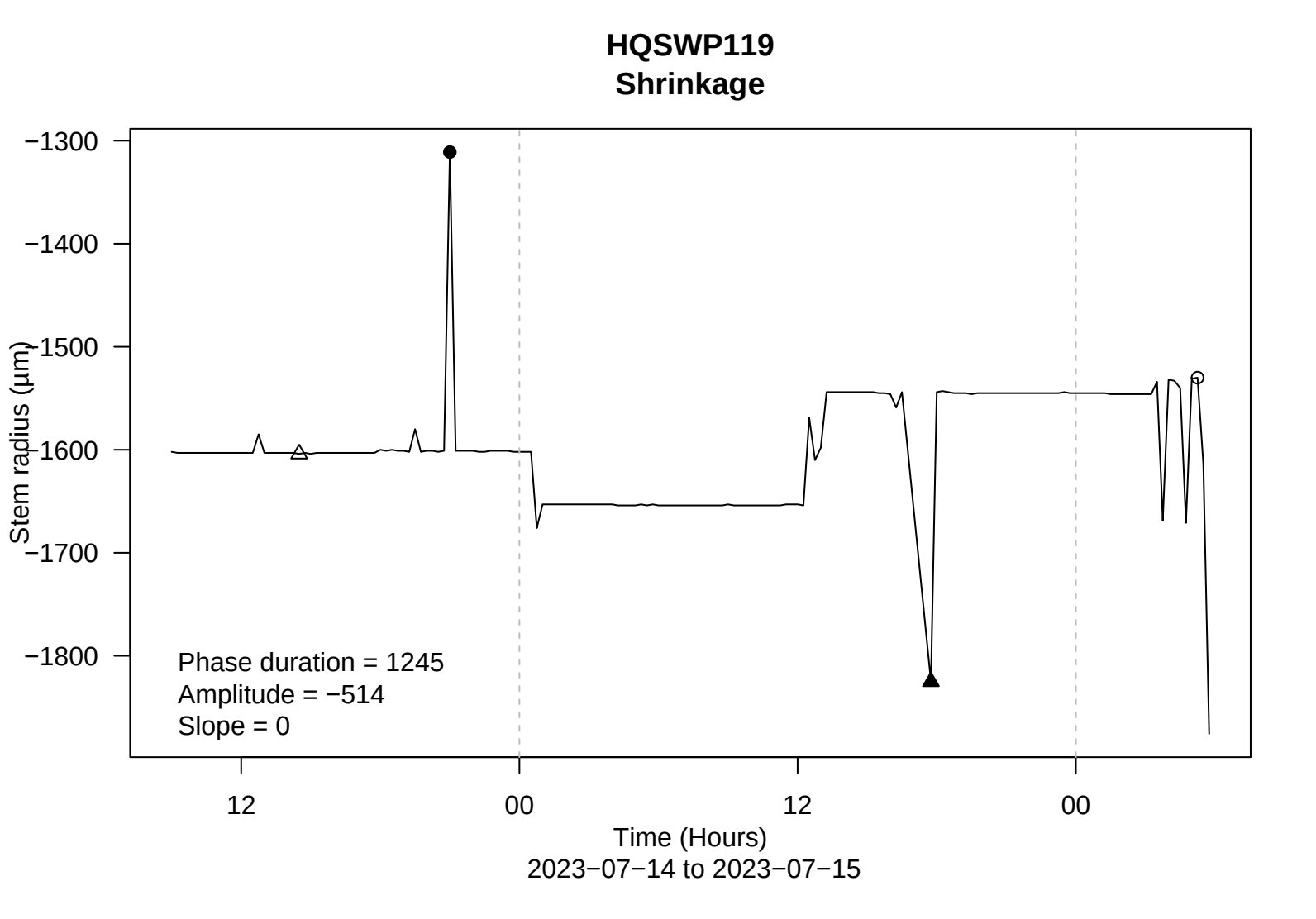

HQSWP119
Shrinkage
−400
−600
−800
−1000
−1200
−1400
−1600
Stem radius (µm)
Phase duration = 1200
Amplitude = −357
Slope = −2e−04
00
12
00
12
Time (Hours)
2023−07−11 to 2023−07−12

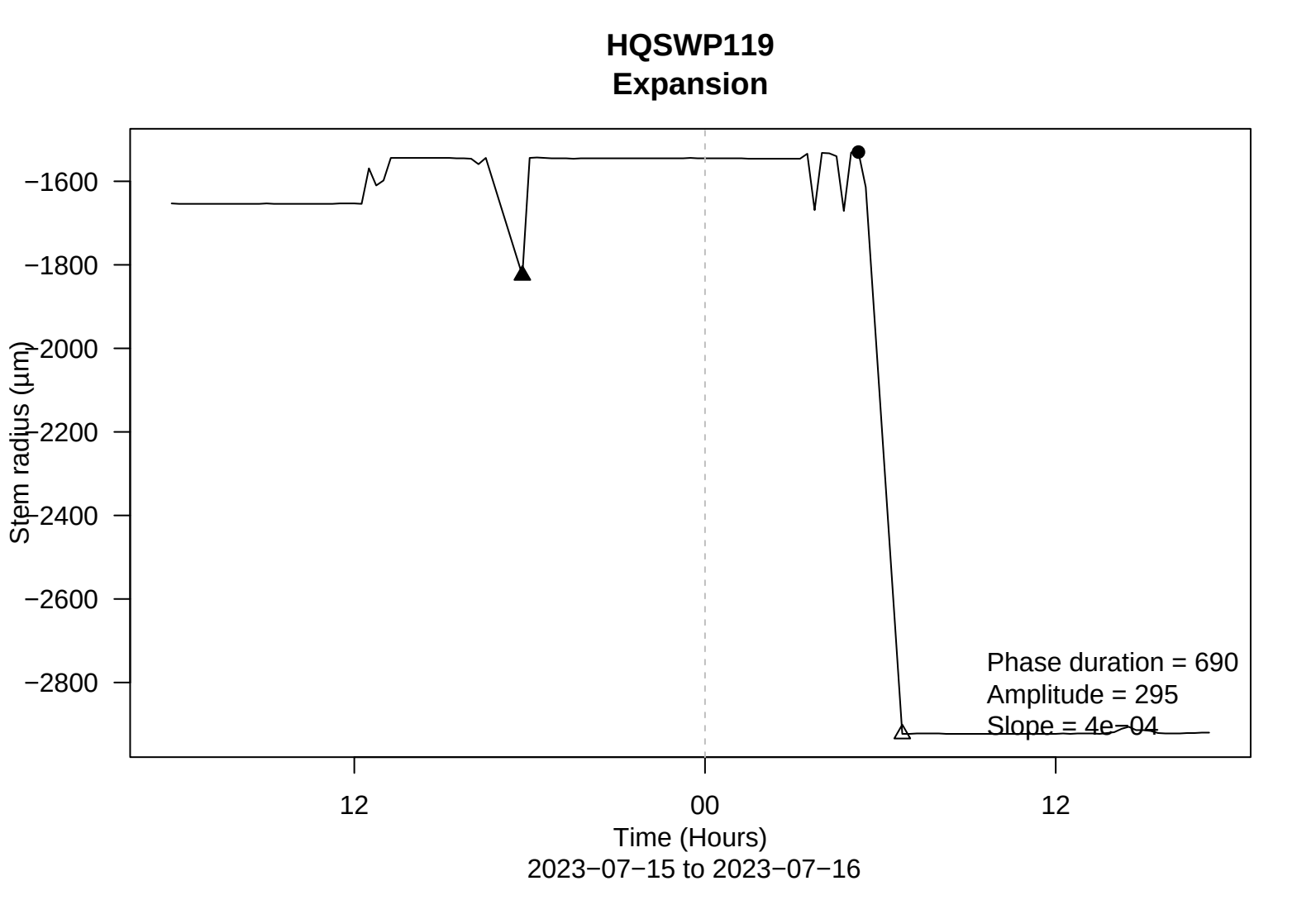

HQSWP119
Shrinkage
−500
−1000
−1500
−2000
Stem radius (µm)
Phase duration = 1425
Amplitude = −1768
Slope = −0.0175
00
12
00
12
Time (Hours)
2023−07−12 to 2023−07−13

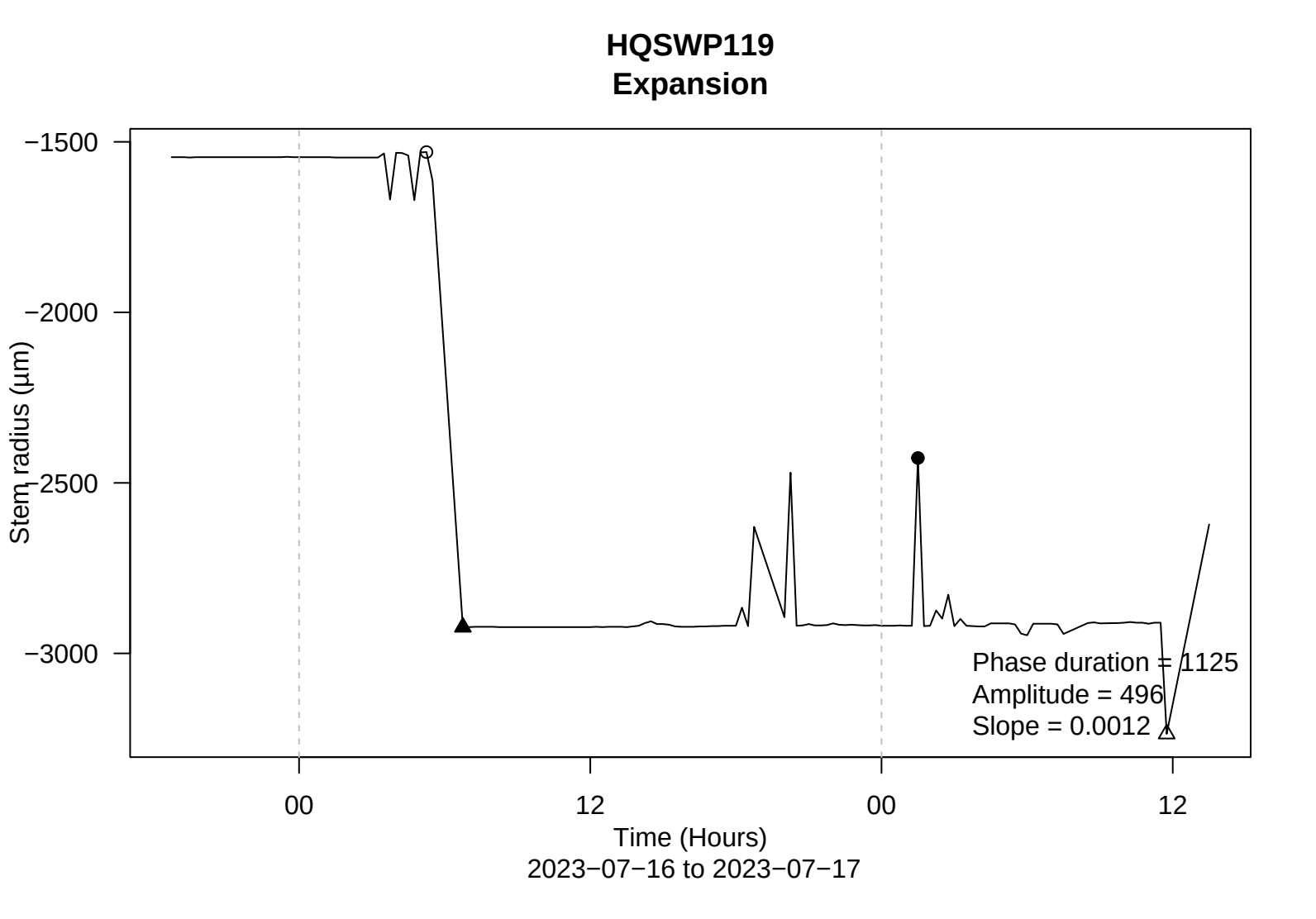

HQSWP119
Expansion
−500
−1000
−1500
−2000
Stem radius (µm)
Phase duration = 750
Amplitude = 1920
Slope = 0.0353
00
12
00
Time (Hours)
2023−07−13 to 2023−07−13

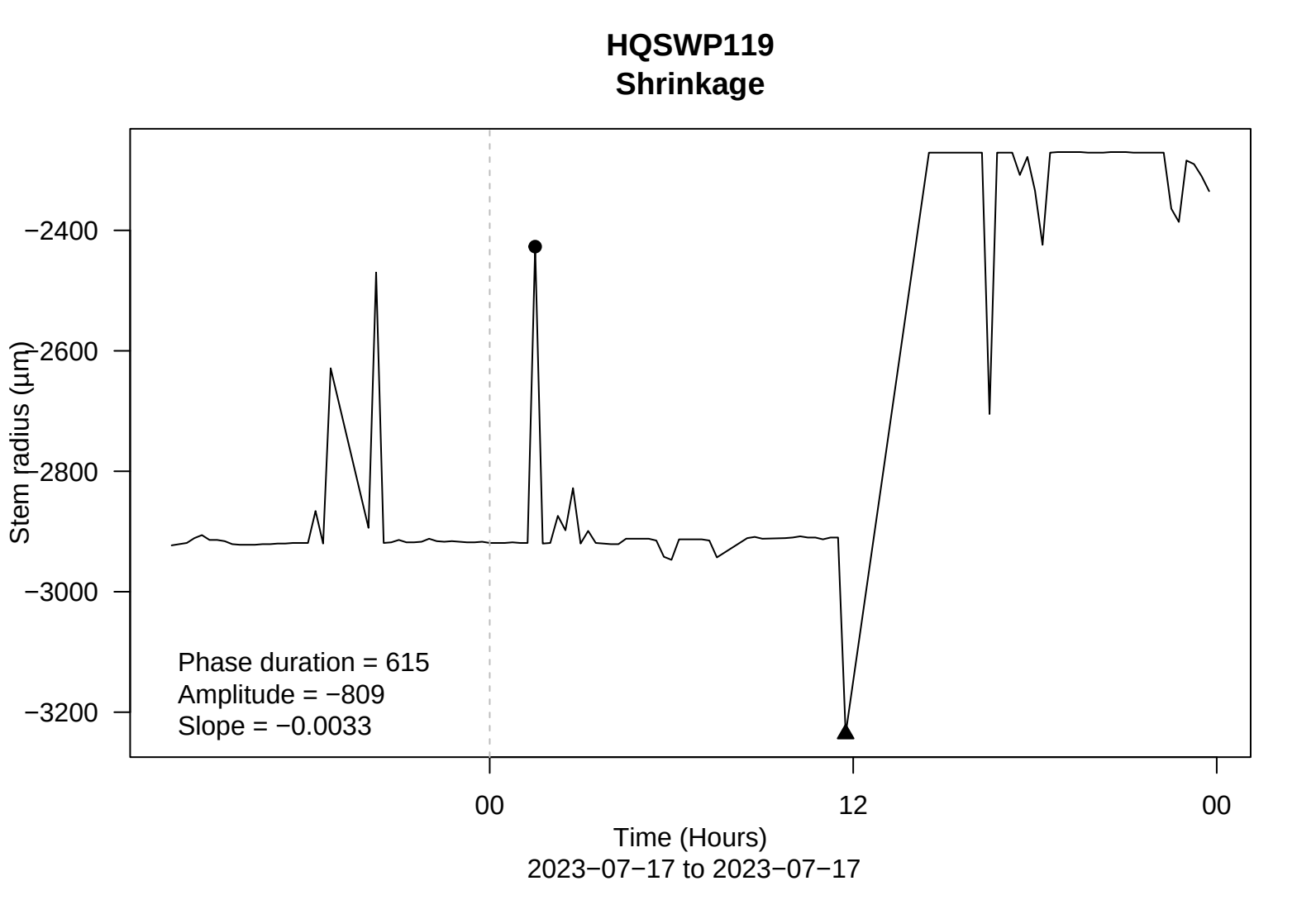

HQSWP119
Shrinkage
−500
−1000
−1500
−2000
Stem radius (µm)
Phase duration = 960
Amplitude = −1359
Slope = −0.0279
12
00
12
00
Time (Hours)
2023−07−13 to 2023−07−14

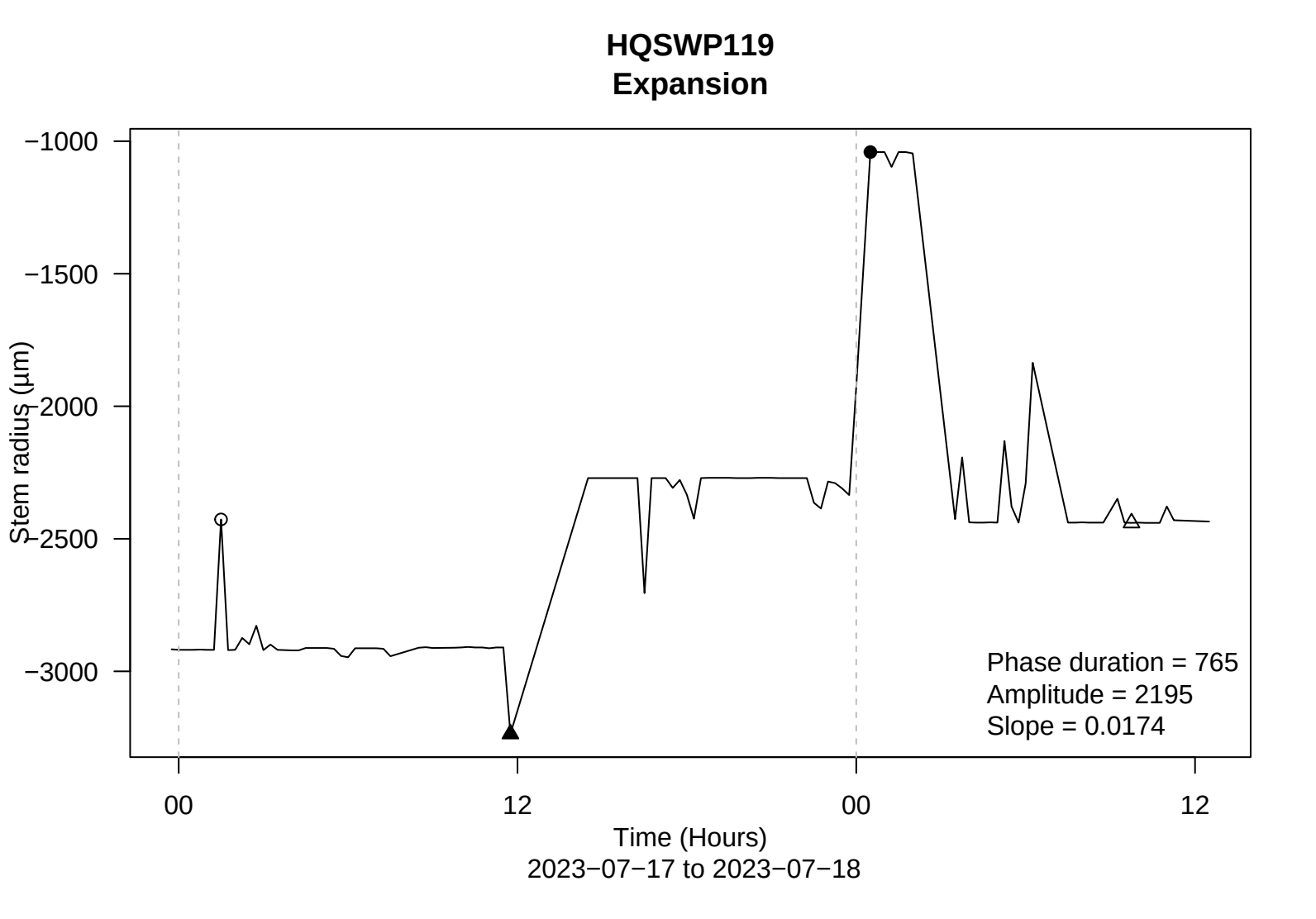

HQSWP119
Expansion
−200
−400
−600
−800
−1000
−1200
−1400
−1600
Stem radius (µm)
Phase duration = 390
Amplitude = 293
Slope = 0.0028
06
12
18
00
06
Time (Hours)
2023−07−14 to 2023−07−14

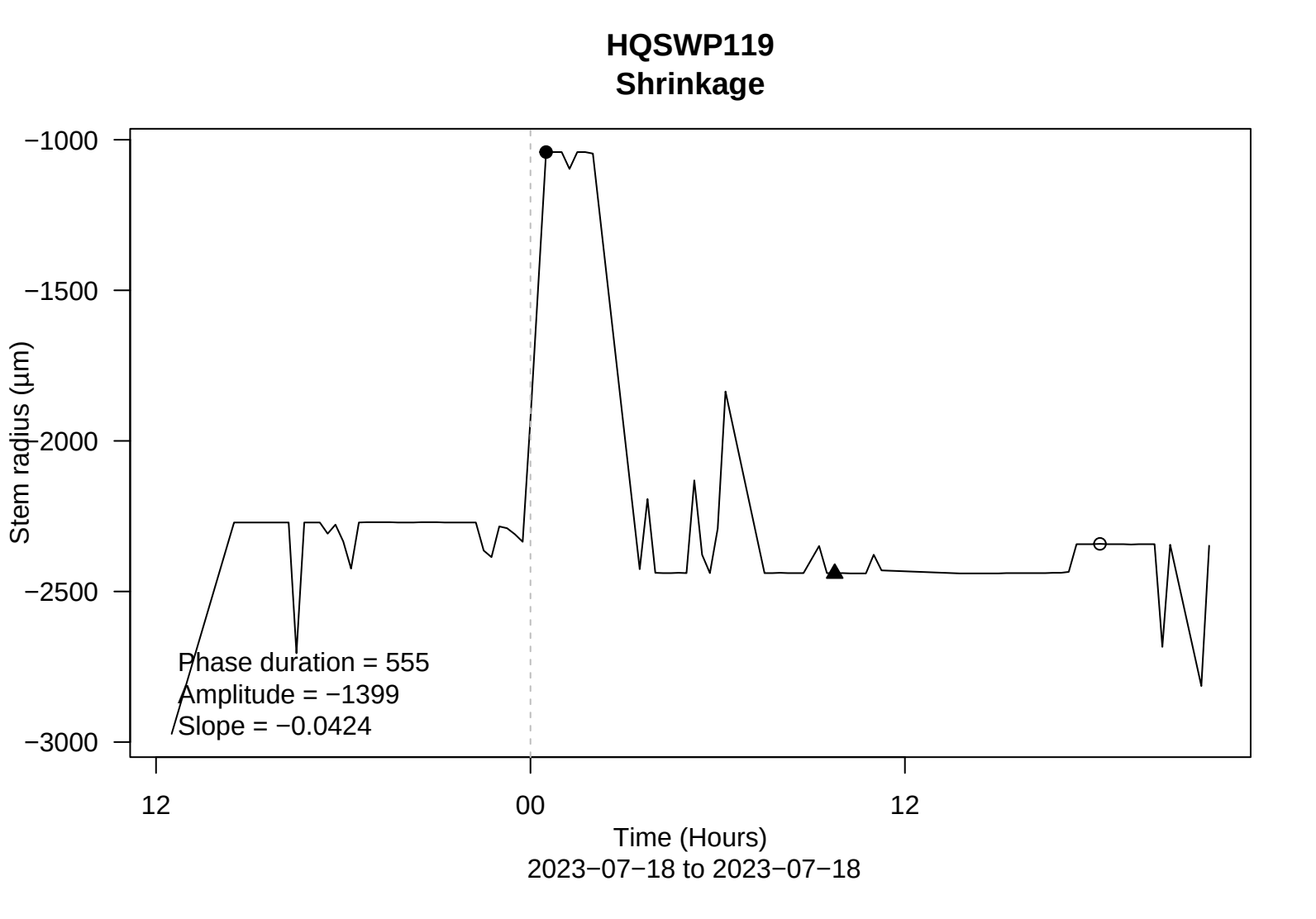

HQSWP119
Shrinkage
−1300
−1400
−1500
−1600
−1700
−1800
Stem radius (µm)
Phase duration = 1245
Amplitude = −514
Slope = 0
12
00
12
00
Time (Hours)
2023−07−14 to 2023−07−15

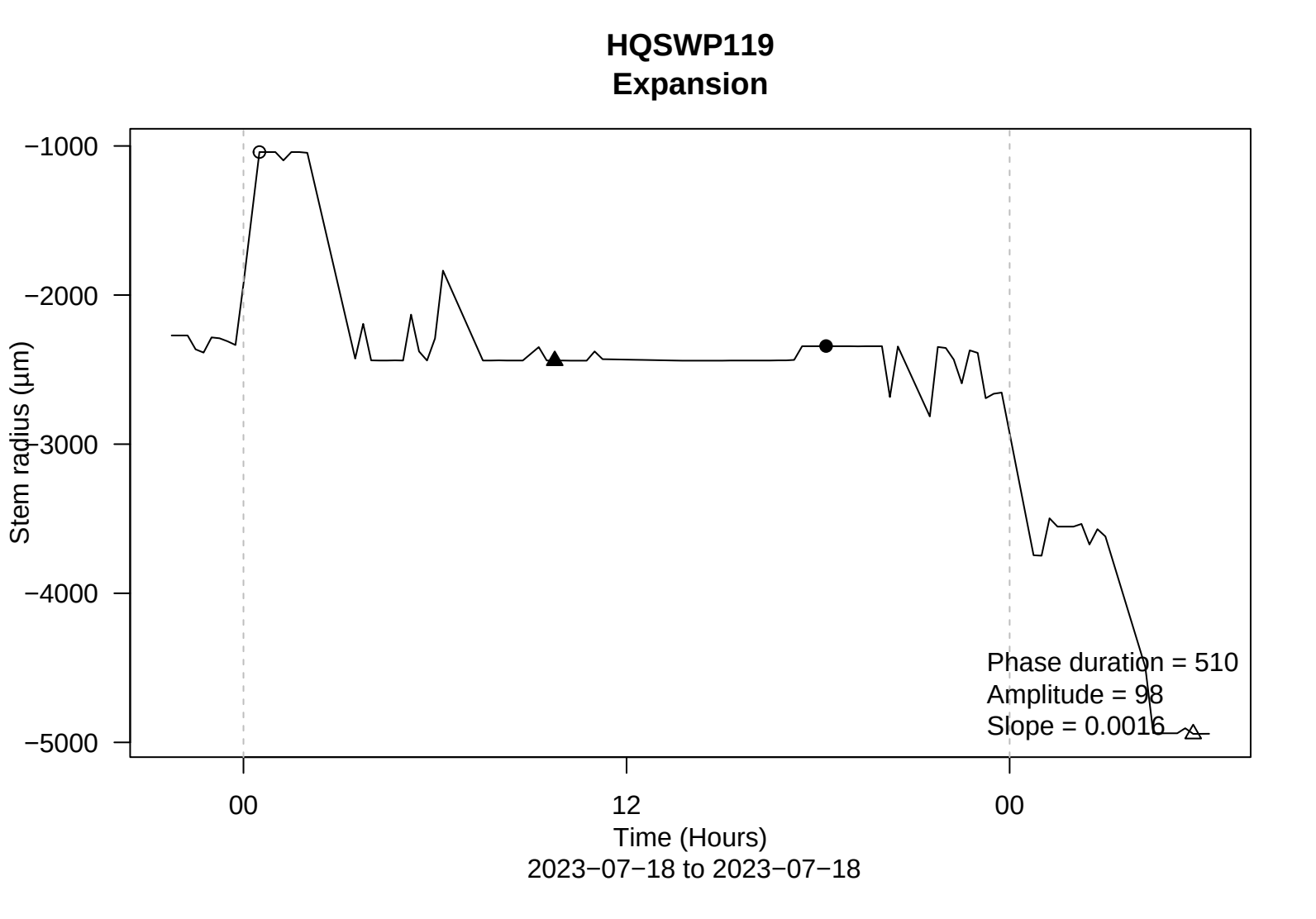

HQSWP119
Expansion
−1600
−1800
−2000
−2200
−2400
−2600
−2800
Stem radius (µm)
Phase duration = 690
Amplitude = 295
Slope = 4e−04
12
00
12
Time (Hours)
2023−07−15 to 2023−07−16

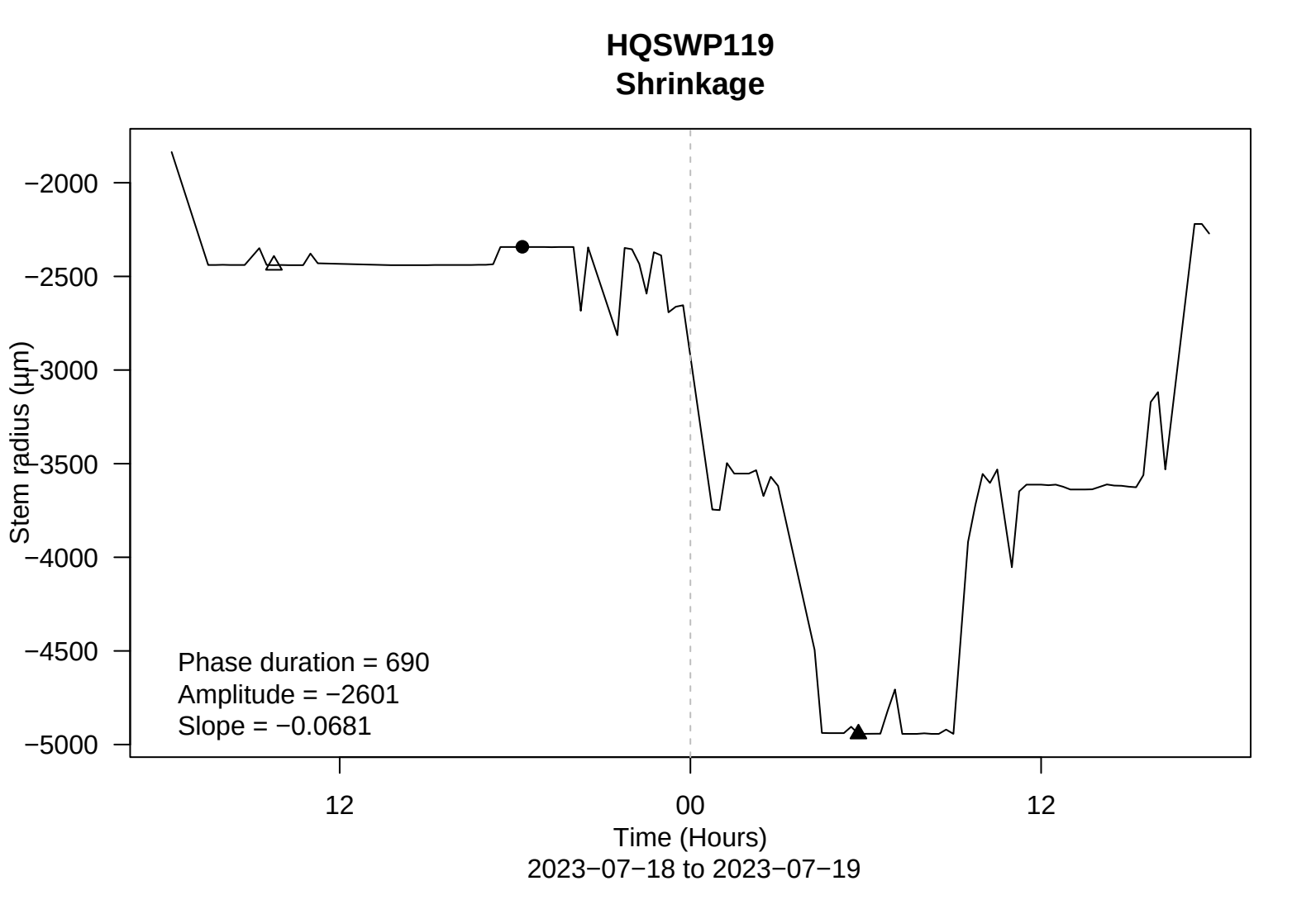

HQSWP119
Expansion
−1500
−2000
−2500
−3000
Stem radius (µm)
Phase duration = 1125
Amplitude = 496
Slope = 0.0012
00
12
00
12
Time (Hours)
2023−07−16 to 2023−07−17

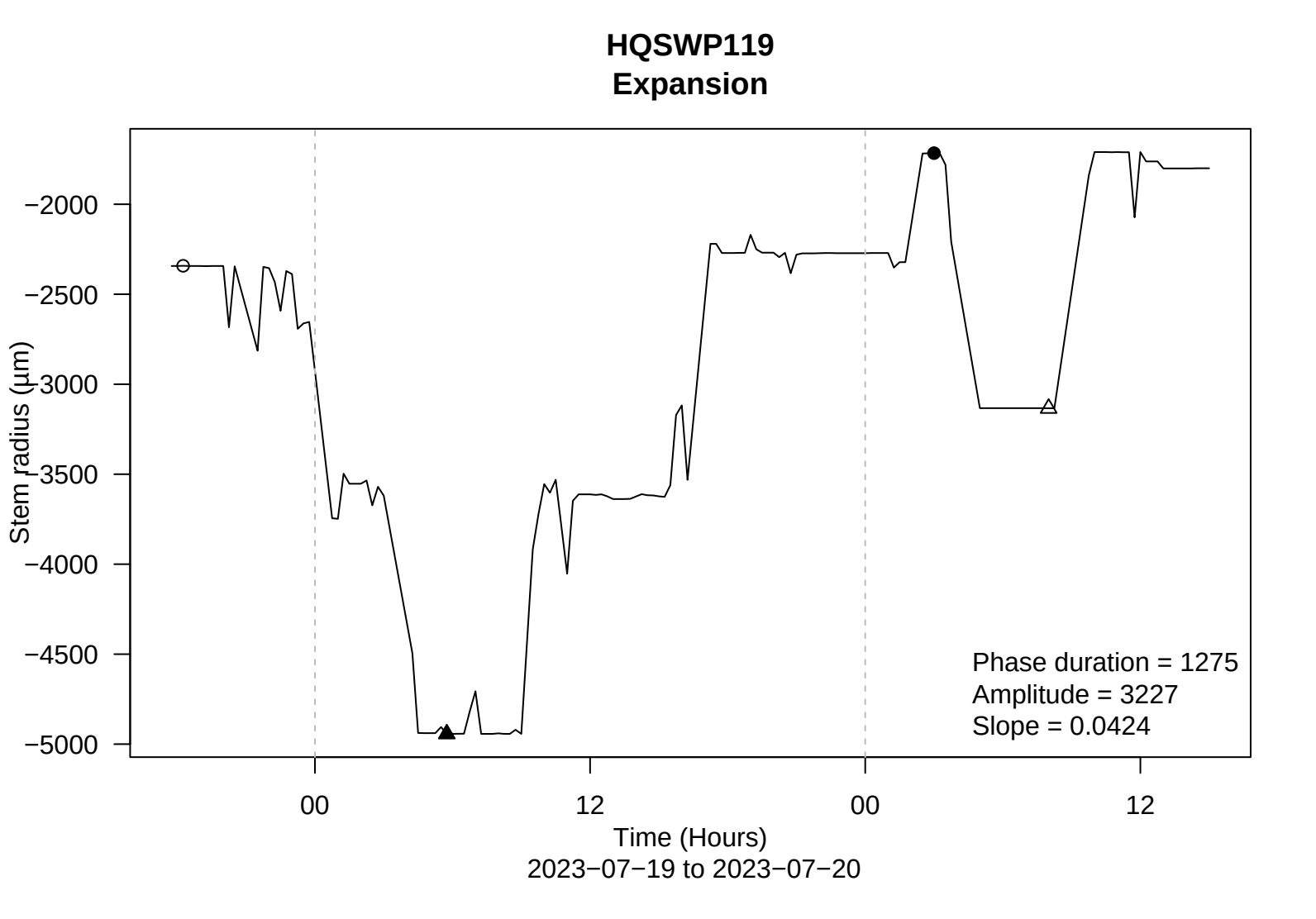

HQSWP119
Shrinkage
Stem radius (µm)
−2400
−2600
−2800
−3000
−3200
Phase duration = 615
Amplitude = −809
Slope = −0.0033
00
12
00
Time (Hours)
2023−07−17 to 2023−07−17

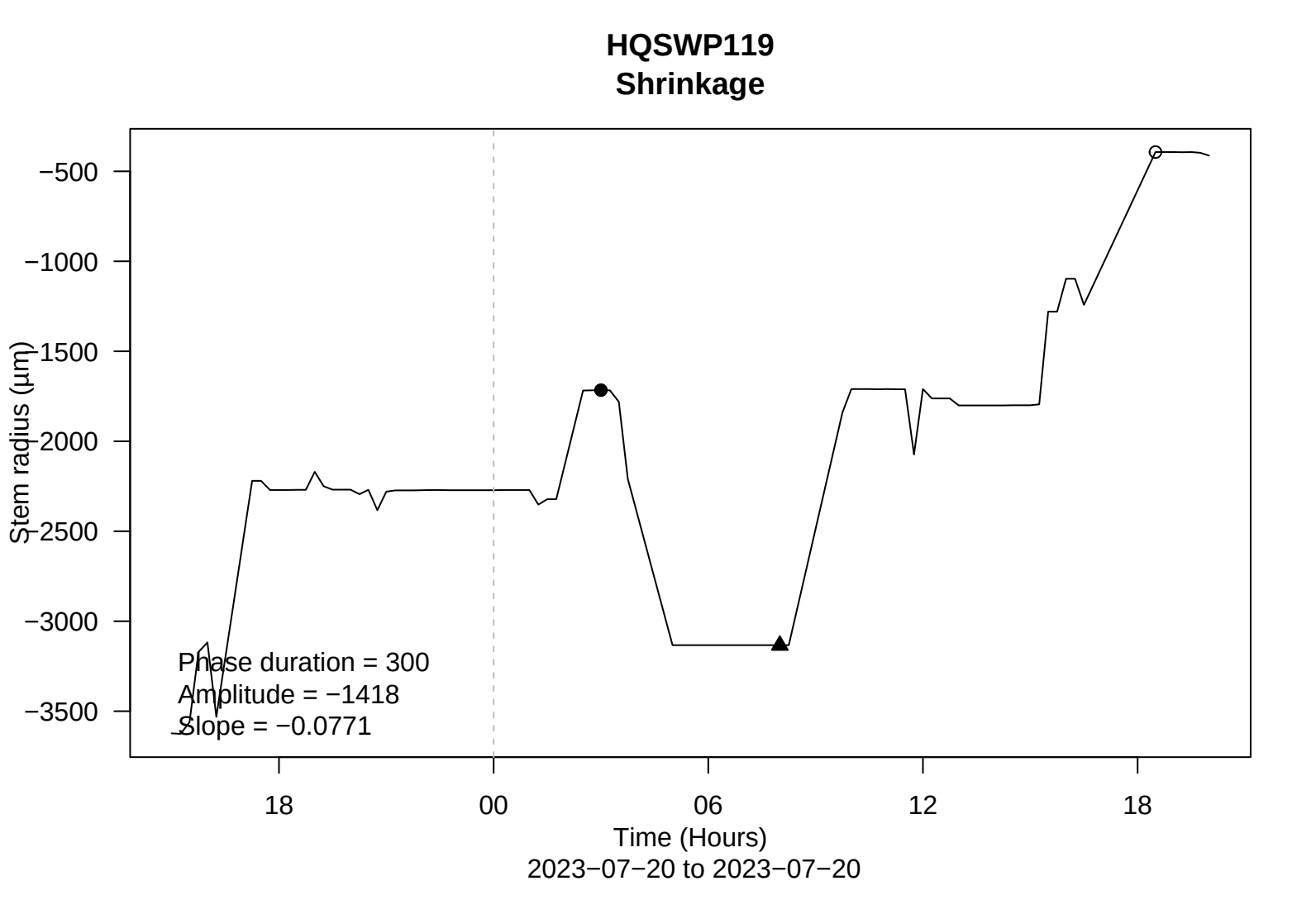

HQSWP119
Expansion
−1000
−1500
−2000
−2500
−3000
Stem radius (µm)
Phase duration = 765
Amplitude = 2195
Slope = 0.0174
00
12
00
12
Time (Hours)
2023−07−17 to 2023−07−18

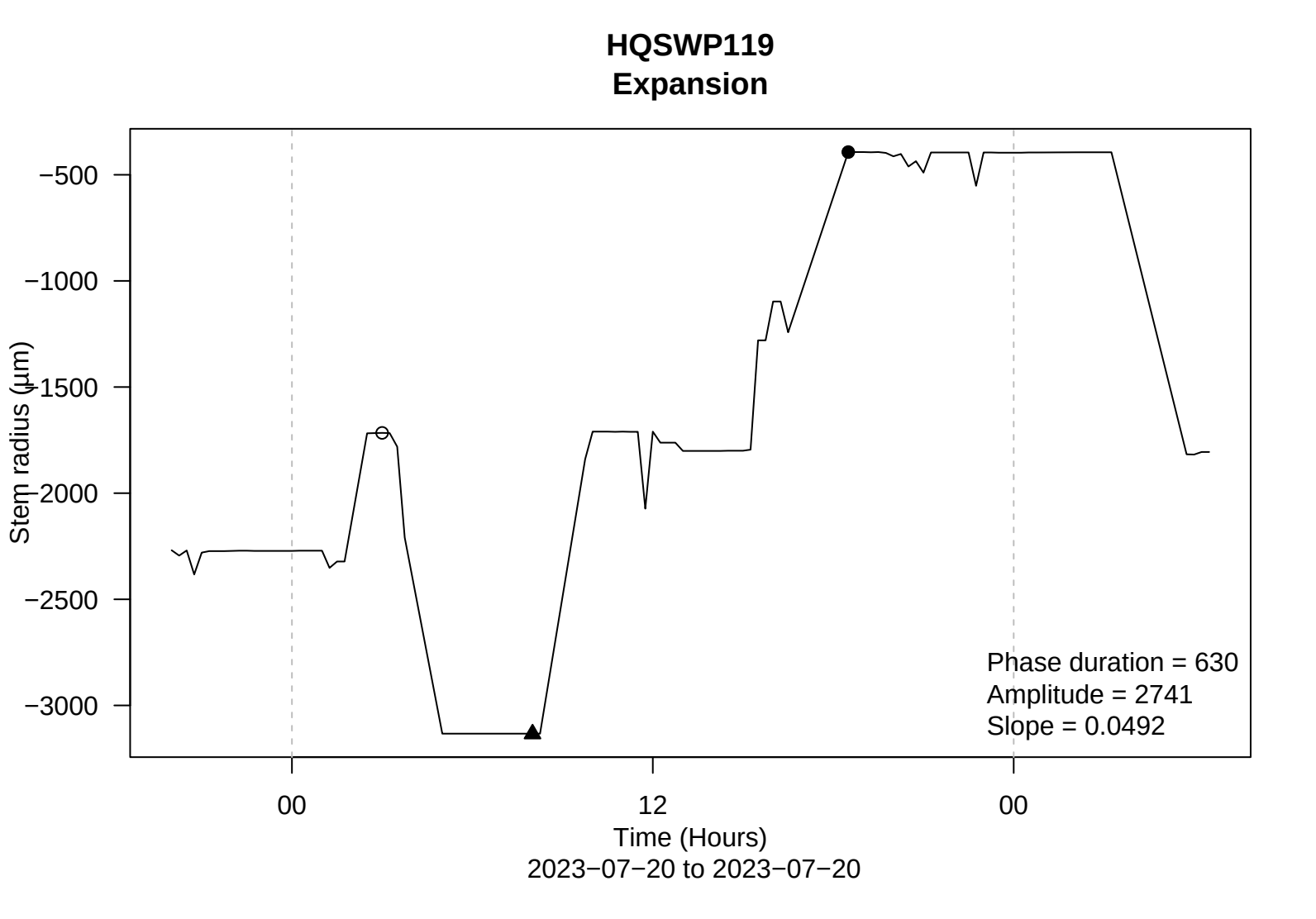

HQSWP119
Shrinkage
−1000
−1500
−2000
−2500
−3000
Stem radius (µm)
Phase duration = 555
Amplitude = −1399
Slope = −0.0424
12
00
12
Time (Hours)
2023−07−18 to 2023−07−18

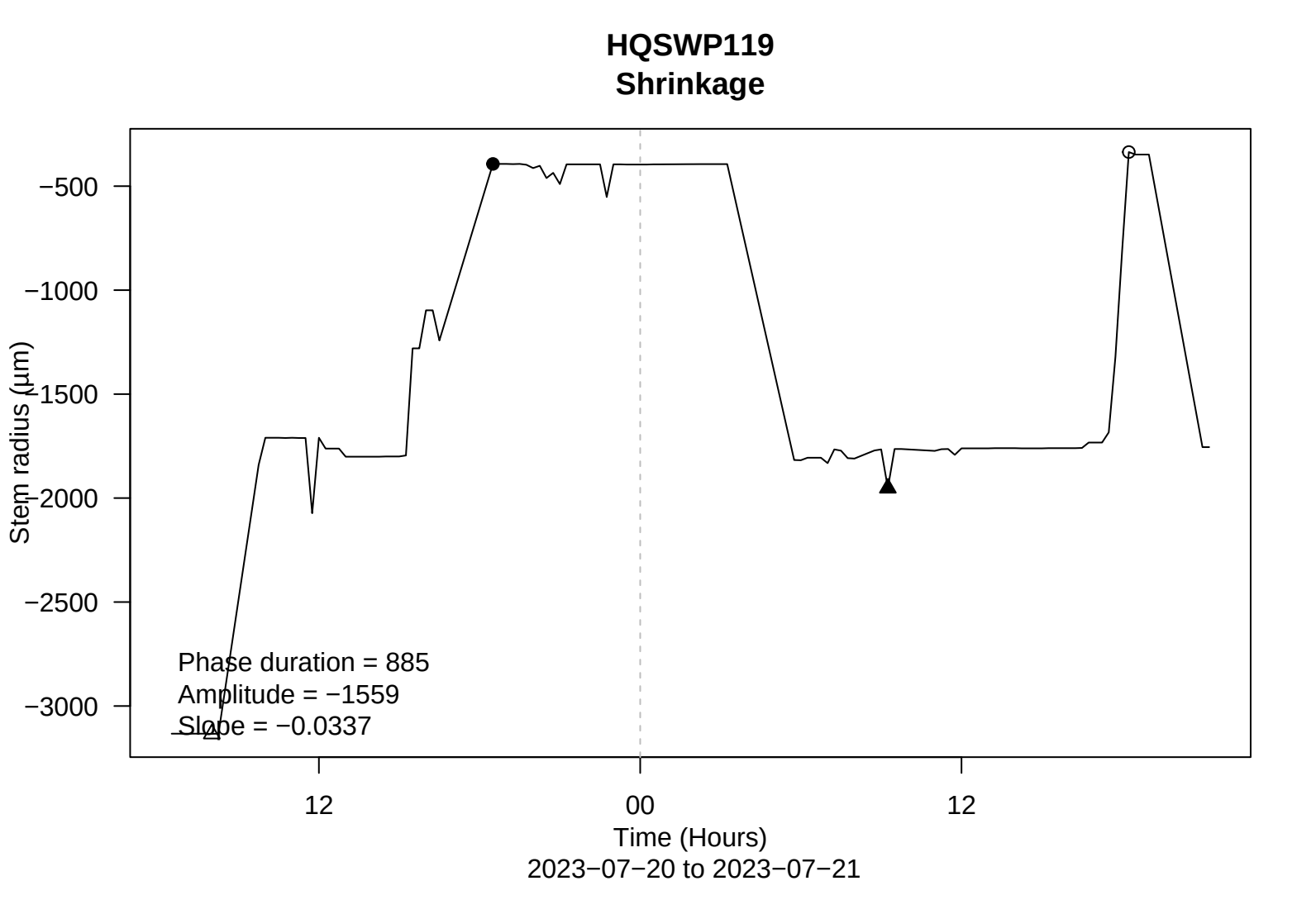

HQSWP119
Expansion
−1000
−2000
−3000
−4000
−5000
Stem radius (µm)
Phase duration = 510
Amplitude = 98
Slope = 0.0016
00
12
00
Time (Hours)
2023−07−18 to 2023−07−18

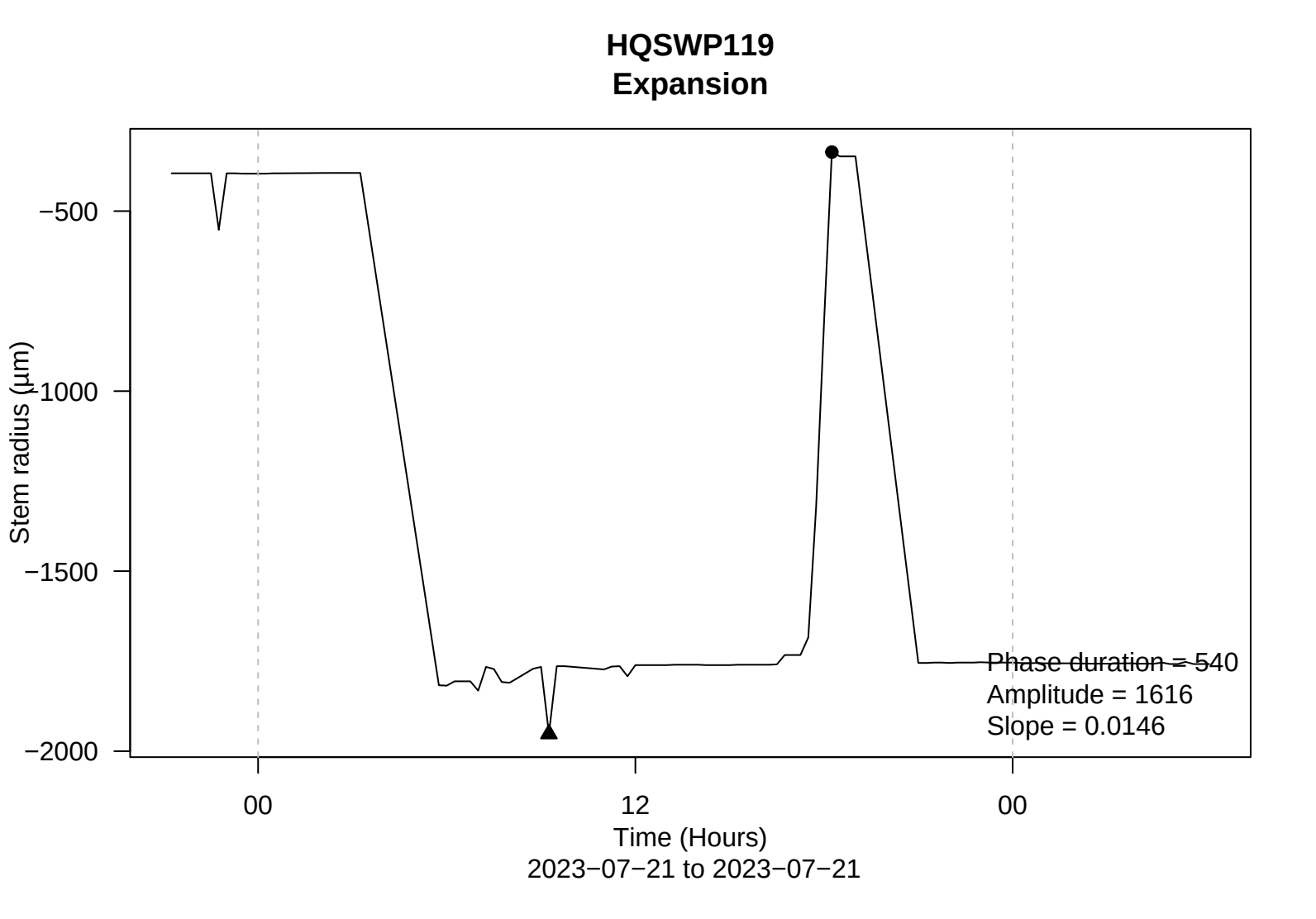

HQSWP119
Shrinkage
−2000
−2500
−3000
−3500
−4000
−4500
−5000
Stem radius (µm)
Phase duration = 690
Amplitude = −2601
Slope = −0.0681
12
00
12
Time (Hours)
2023−07−18 to 2023−07−19

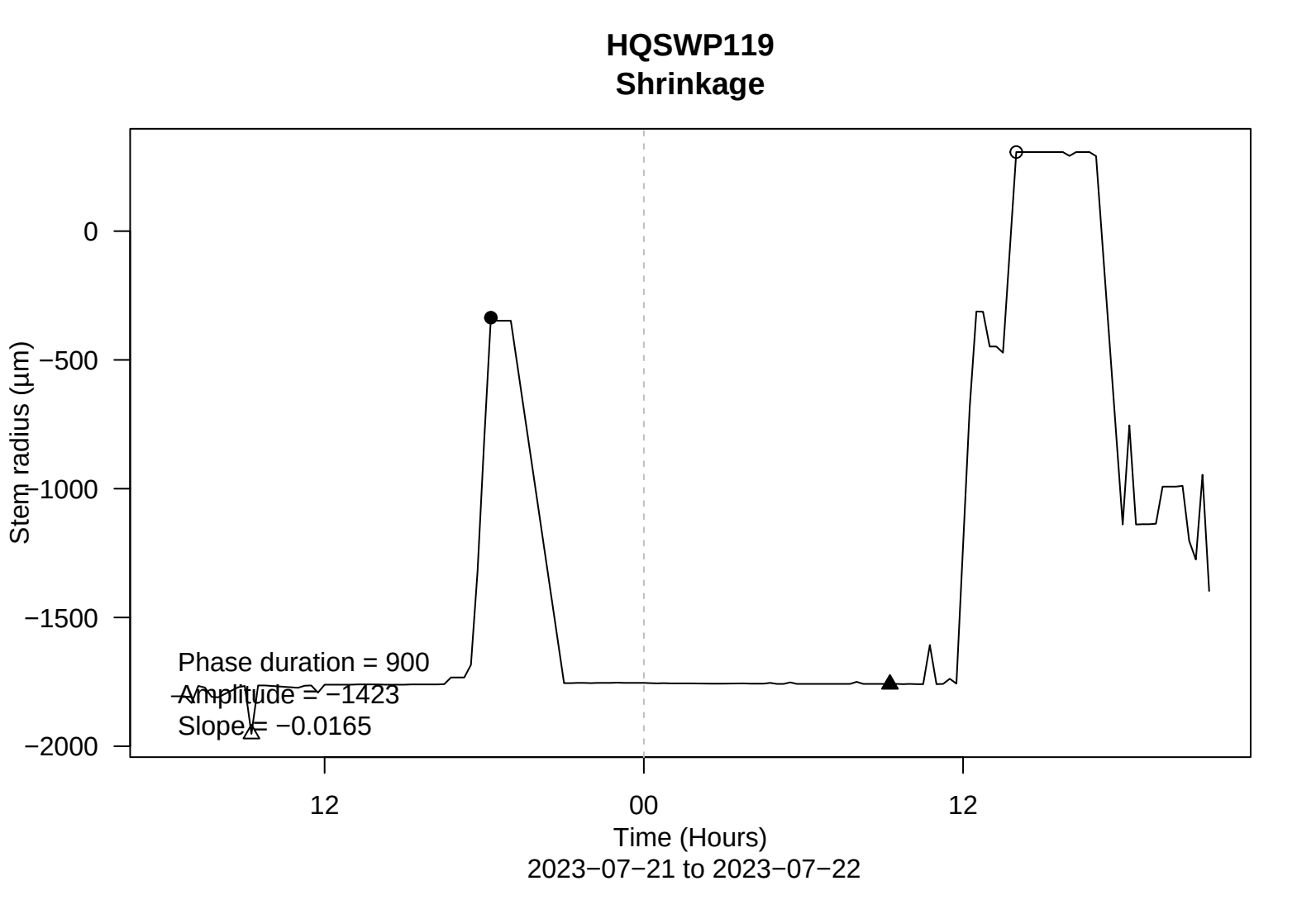

HQSWP119
Expansion
−2000
−2500
−3000
−3500
−4000
−4500
−5000
Stem radius (µm)
00
12
00
12
Time (Hours)
2023−07−19 to 2023−07−20
Phase duration = 1275
Amplitude = 3227
Slope = 0.0424

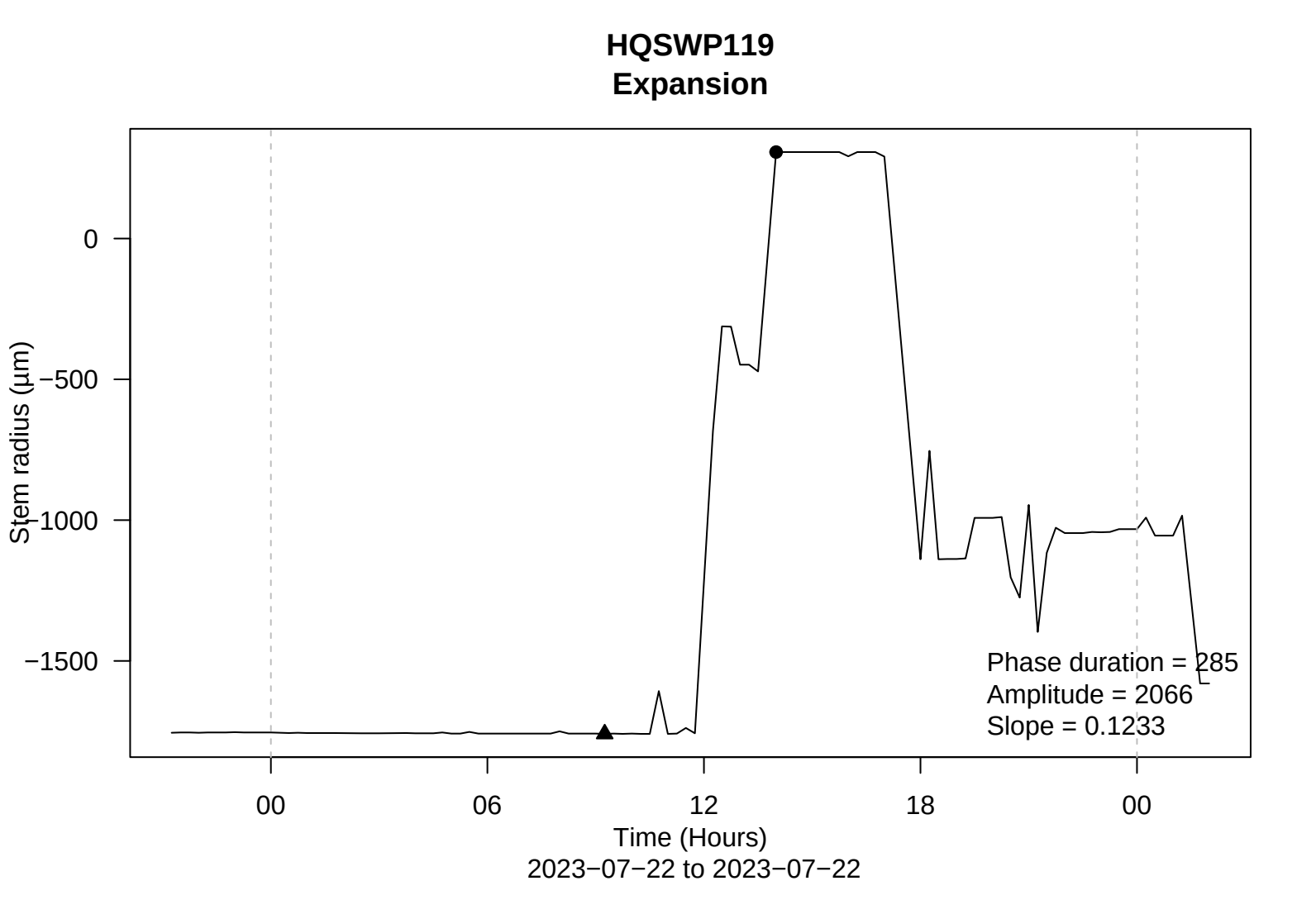

HQSWP119
Shrinkage
−500
−1000
−1500
−2000
−2500
−3000
−3500
Stem radius (µm)
Phase duration = 300
Amplitude = −1418
Slope = −0.0771
18
00
06
12
18
Time (Hours)
2023−07−20 to 2023−07−20

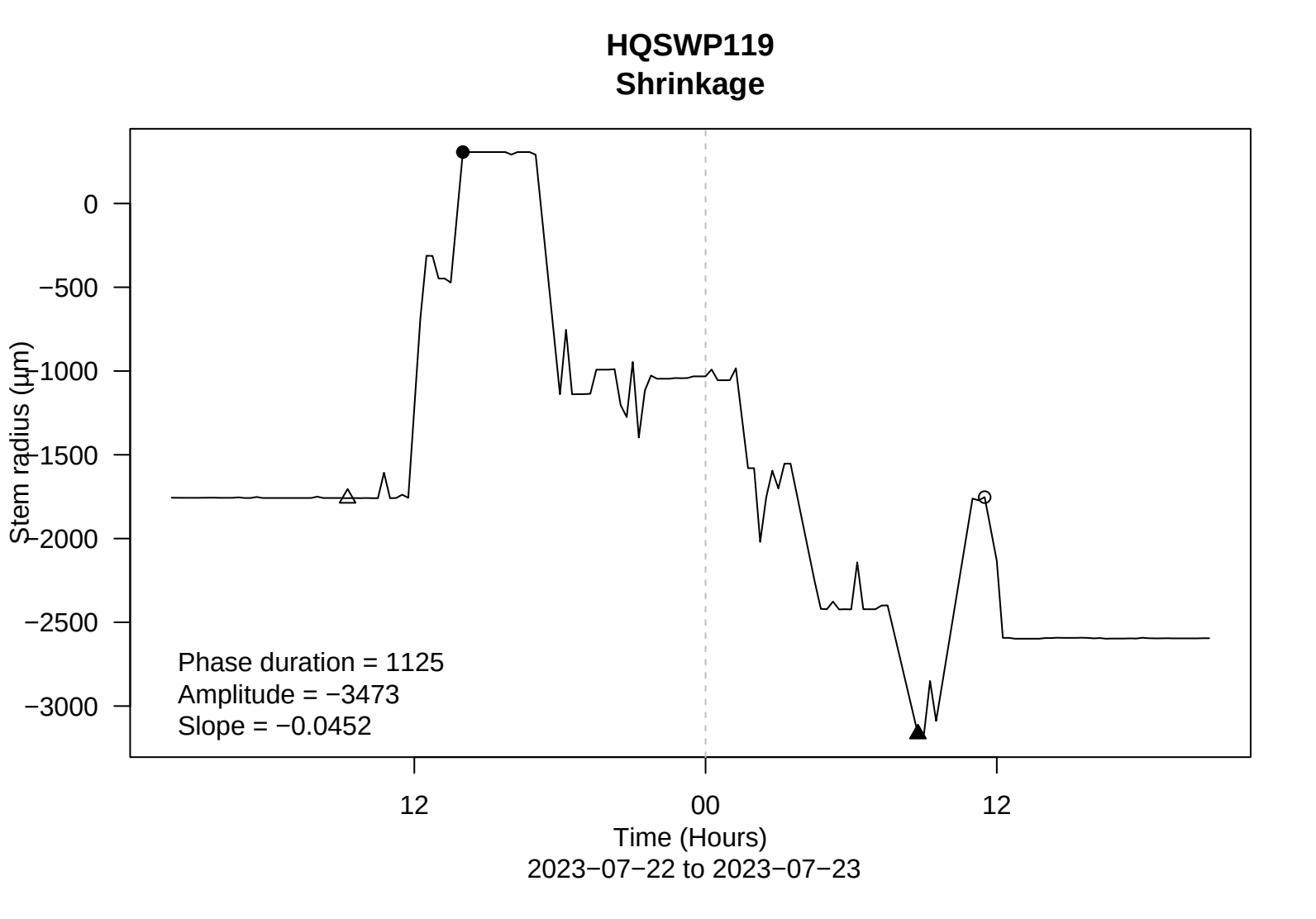

HQSWP119
Expansion
−500
−1000
−1500
−2000
−2500
−3000
Stem radius (µm)
00
12
00
Time (Hours)
2023−07−20 to 2023−07−20
Phase duration = 630
Amplitude = 2741
Slope = 0.0492

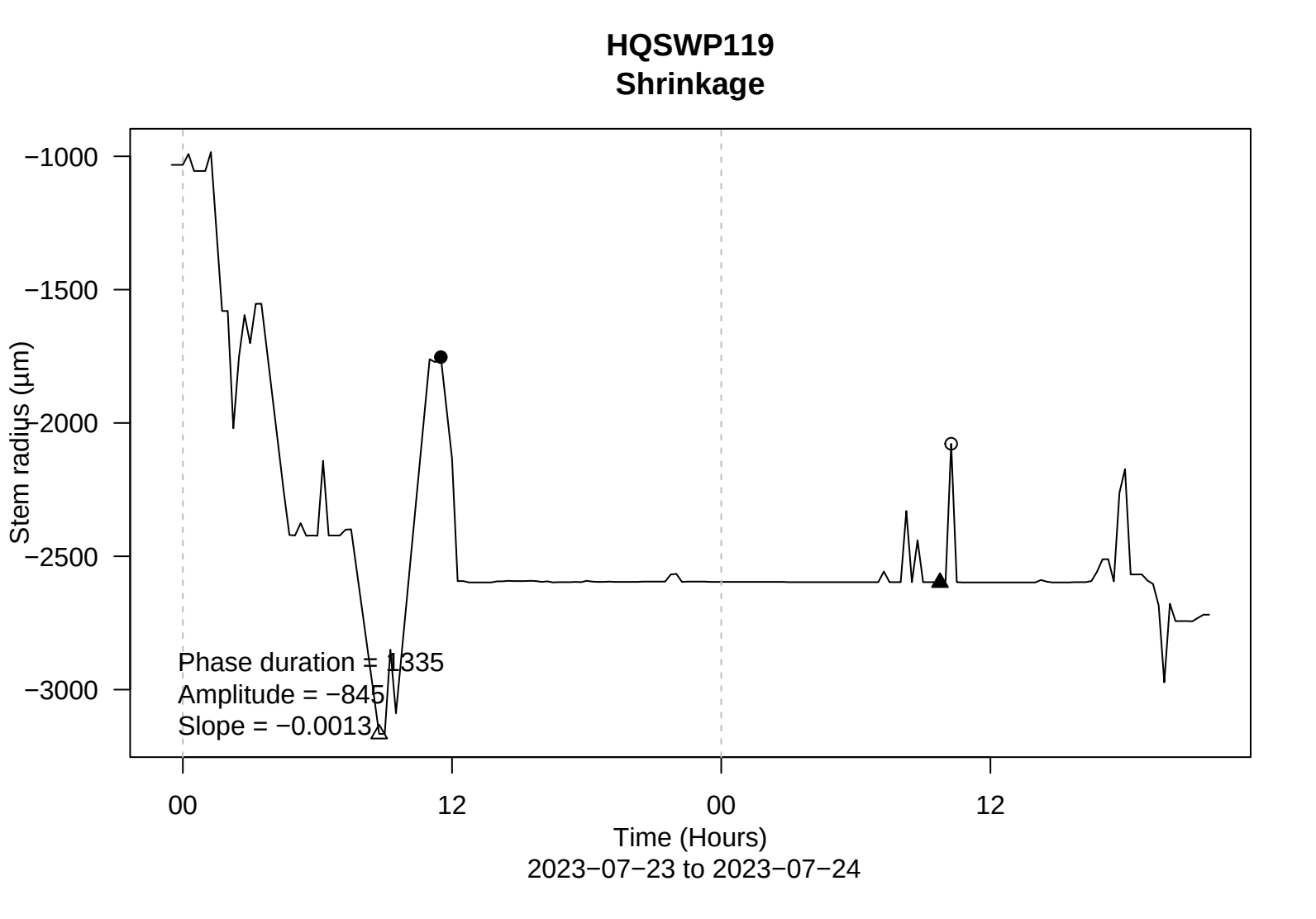

HQSWP119
Shrinkage
−500
−1000
−1500
−2000
−2500
−3000
Stem radius (µm)
Phase duration = 885
Amplitude = −1559
Slope = −0.0337
12
00
12
Time (Hours)
2023−07−20 to 2023−07−21

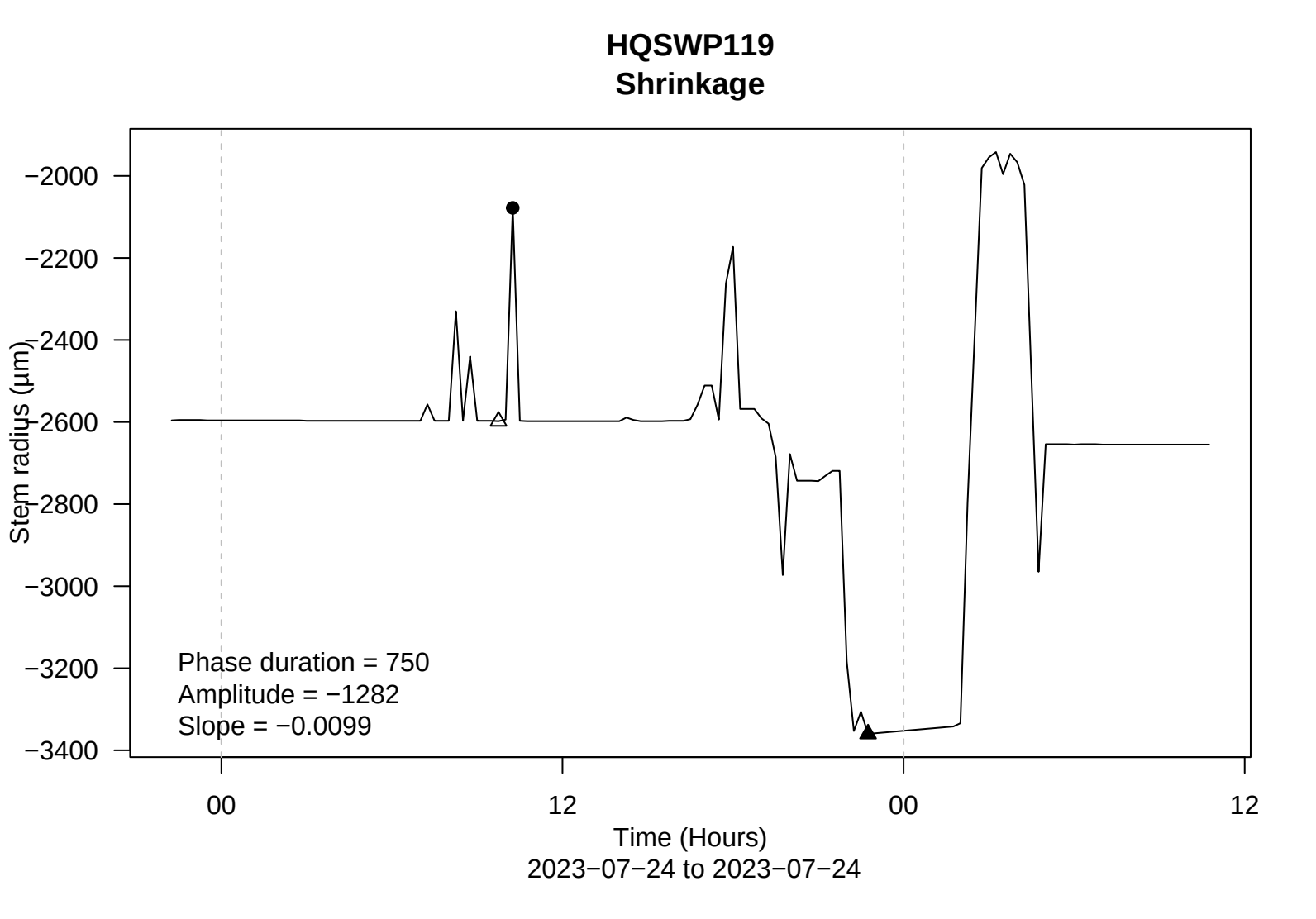

HQSWP119
Expansion
−500
−1000
−1500
−2000
Stem radius (µm)
00
12
00
Time (Hours)
2023−07−21 to 2023−07−21
Phase duration = 540
Amplitude = 1616
Slope = 0.0146

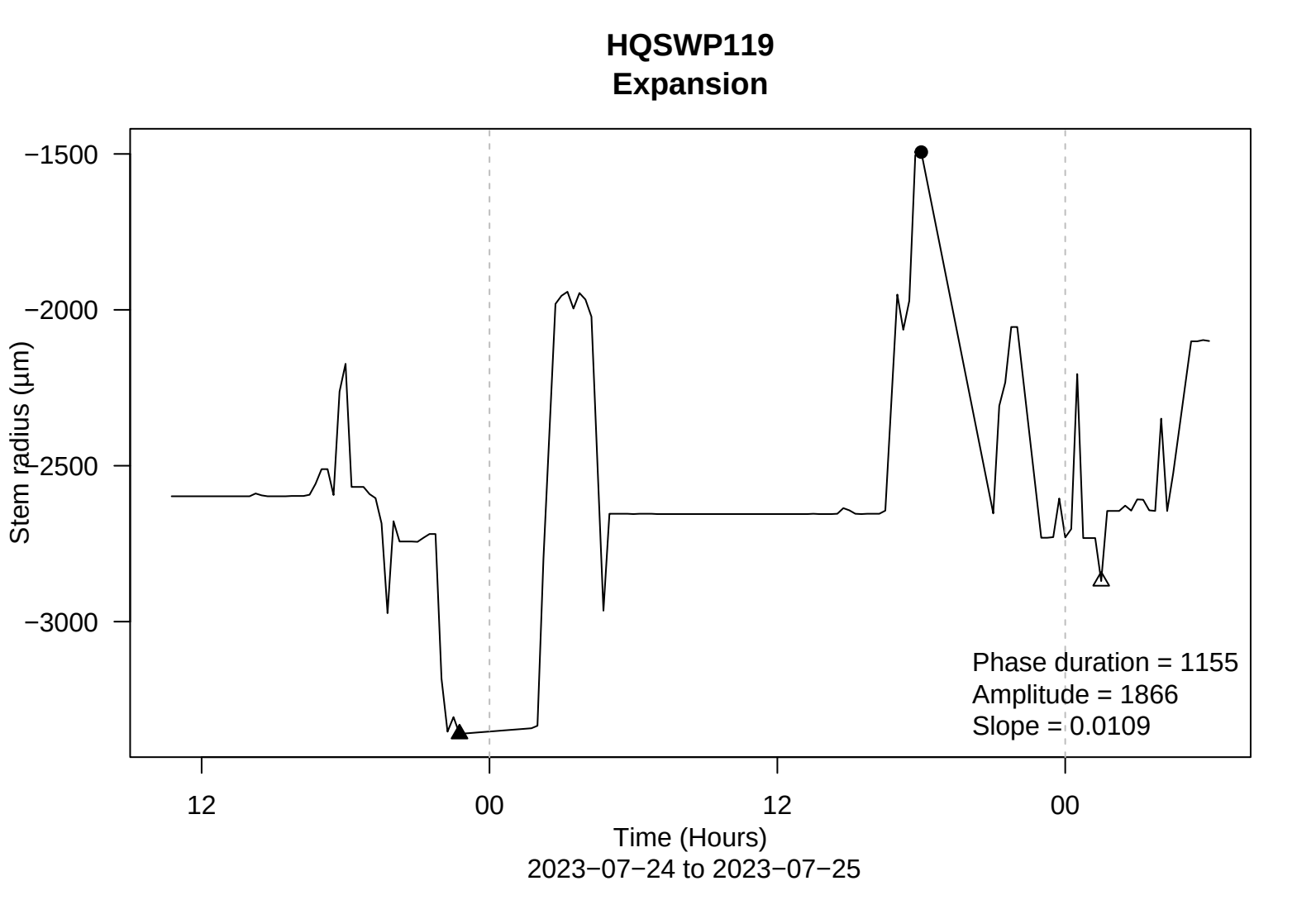

HQSWP119
Shrinkage
0
−500
−1000
−1500
−2000
Stem radius (µm)
Phase duration = 900
Amplitude = −1423
Slope = −0.0165
12
00
12
Time (Hours)
2023−07−21 to 2023−07−22

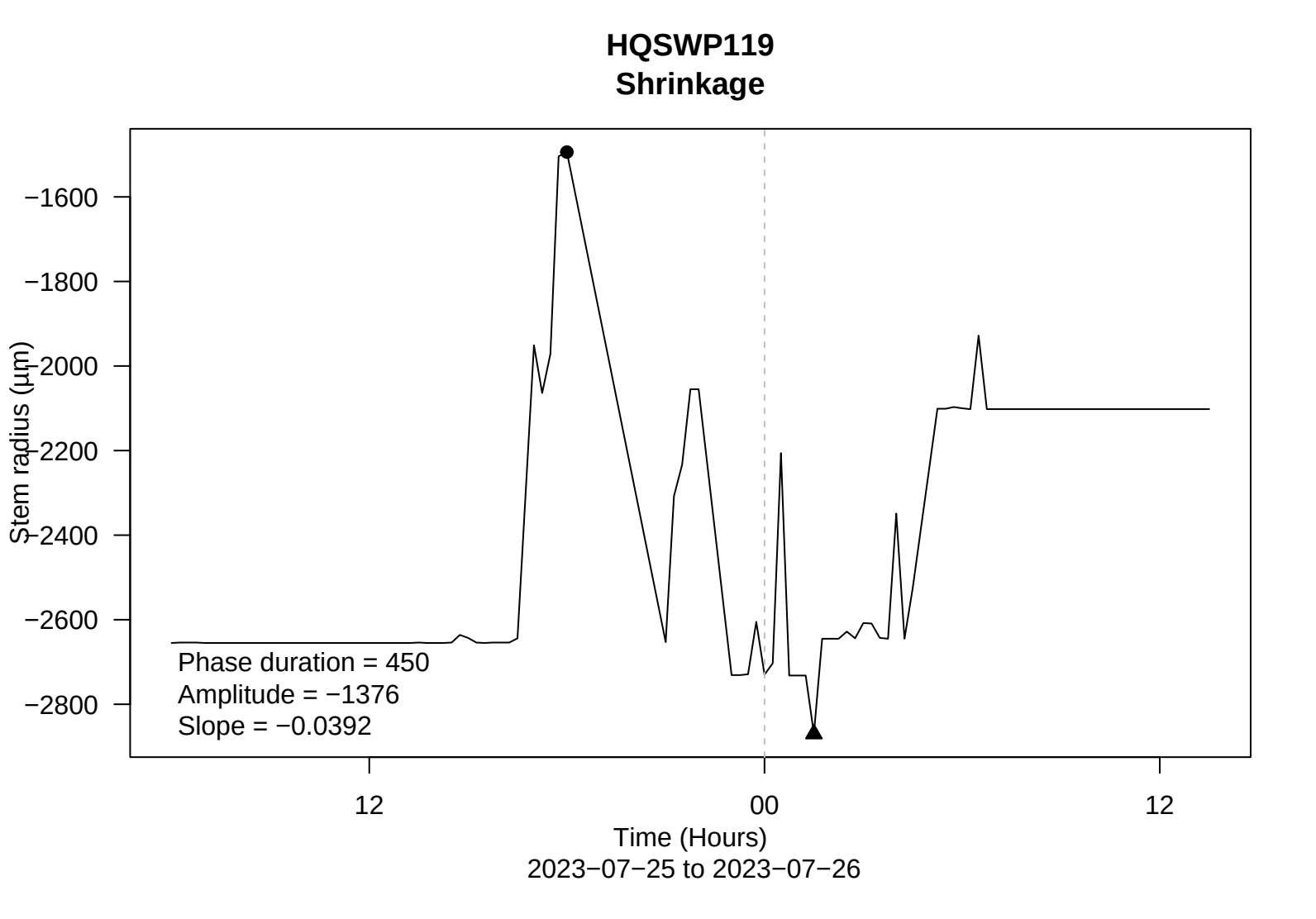

HQSWP119
Expansion
0
−500
−1000
−1500
Stem radius (µm)
Phase duration = 285
Amplitude = 2066
Slope = 0.1233
00
06
12
18
00
Time (Hours)
2023−07−22 to 2023−07−22

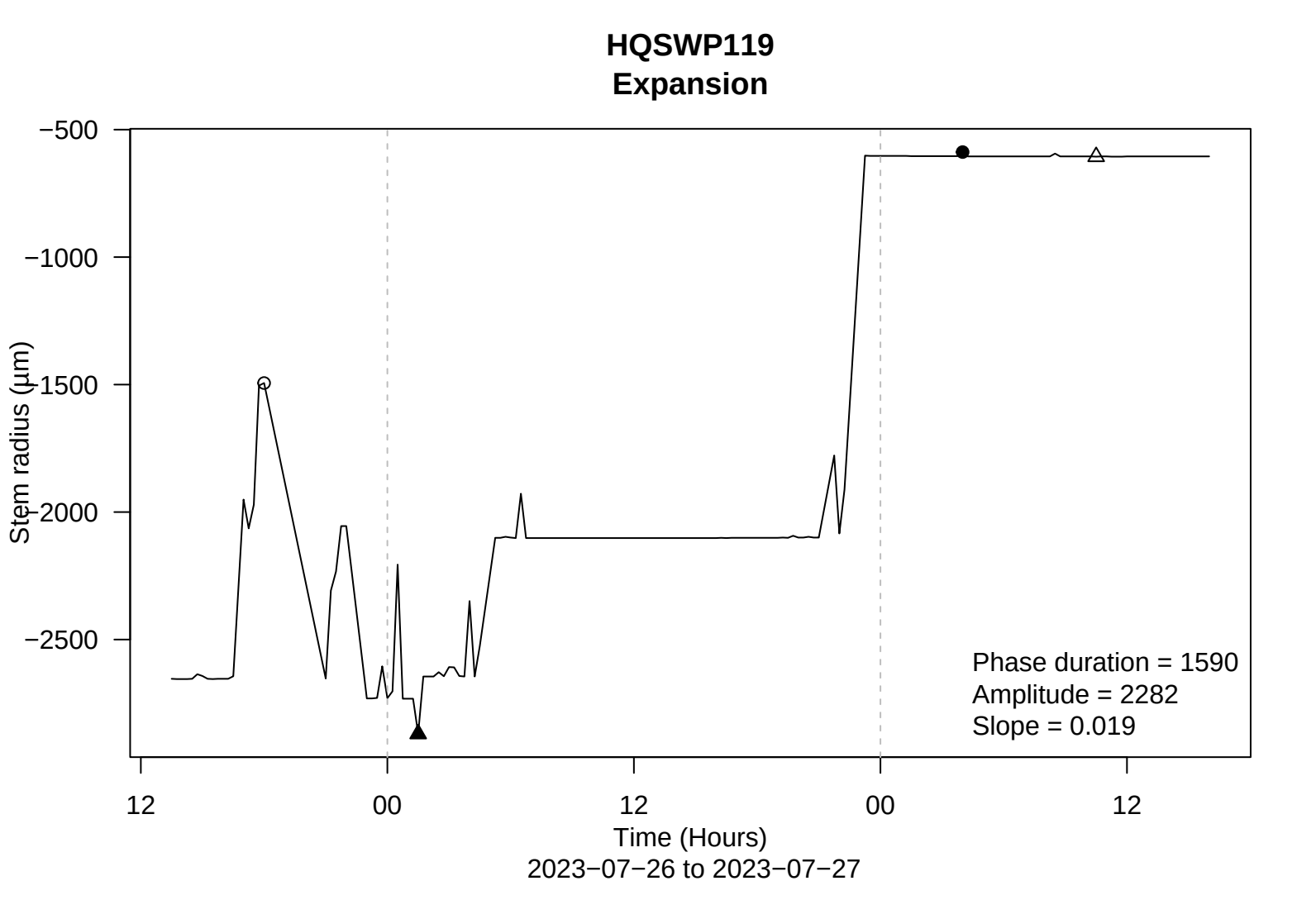

HQSWP119
Shrinkage
0
−500
−1000
−1500
−2000
−2500
−3000
Stem radius (µm)
Phase duration = 1125
Amplitude = −3473
Slope = −0.0452
12
00
12
Time (Hours)
2023−07−22 to 2023−07−23

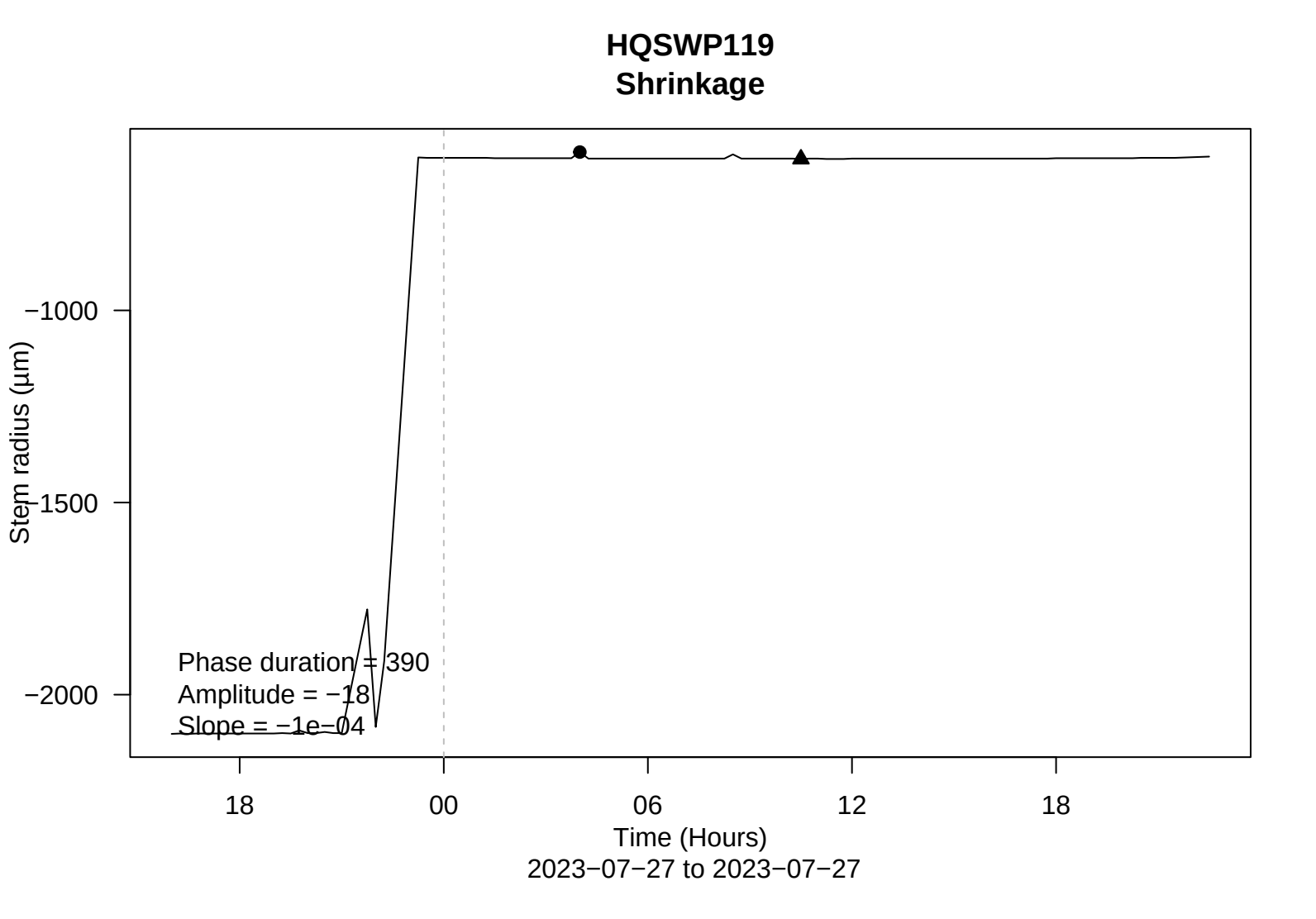

HQSWP119
Shrinkage
−1000
−1500
−2000
−2500
−3000
Stem radius (µm)
Phase duration = 1335
Amplitude = −845
Slope = −0.0013
00
12
00
12
Time (Hours)
2023−07−23 to 2023−07−24

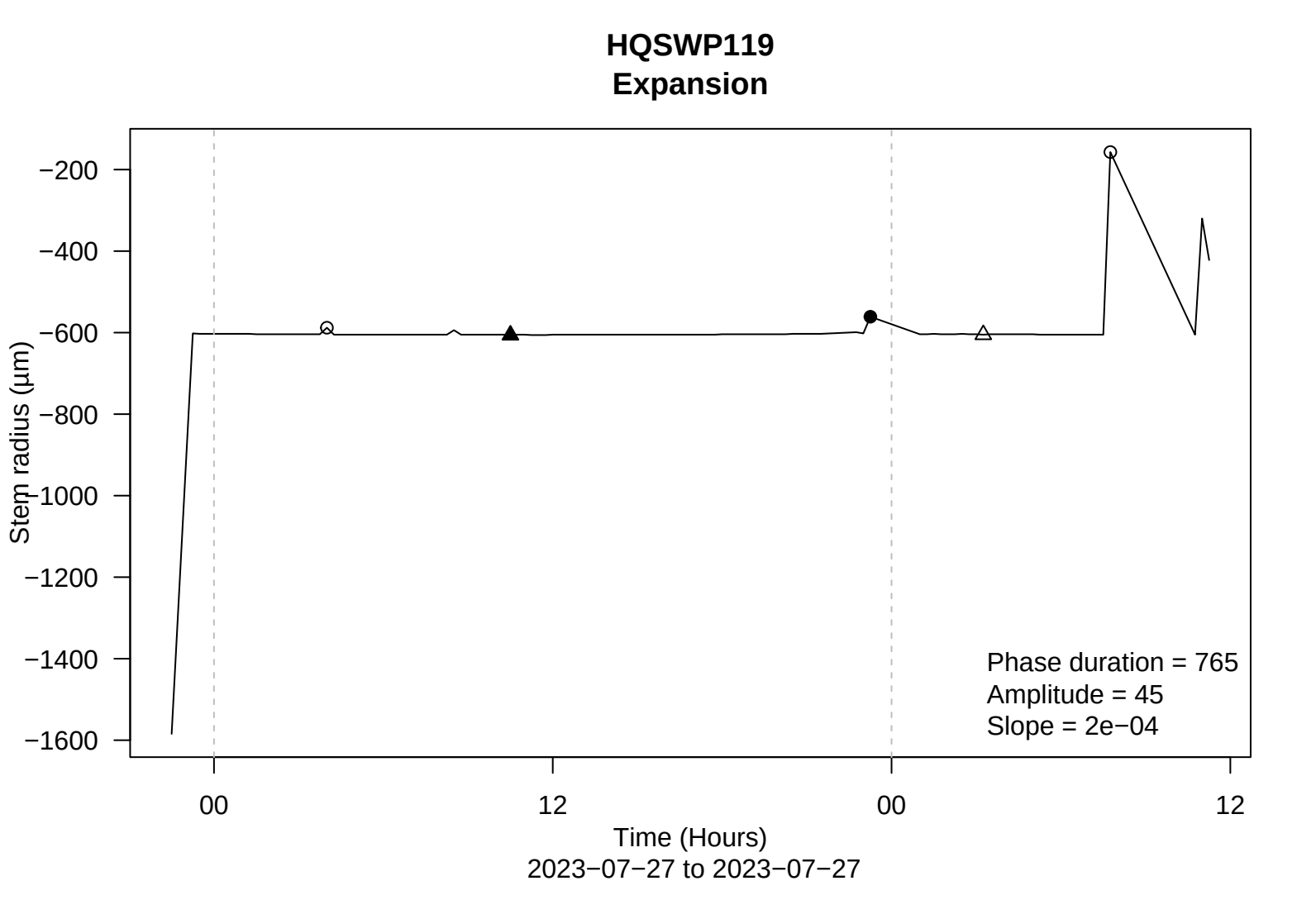

HQSWP119
Shrinkage
−2000
−2200
−2400
−2600
−2800
−3000
−3200
−3400
Stem radius (µm)
Phase duration = 750
Amplitude = −1282
Slope = −0.0099
00
12
00
12
Time (Hours)
2023−07−24 to 2023−07−24

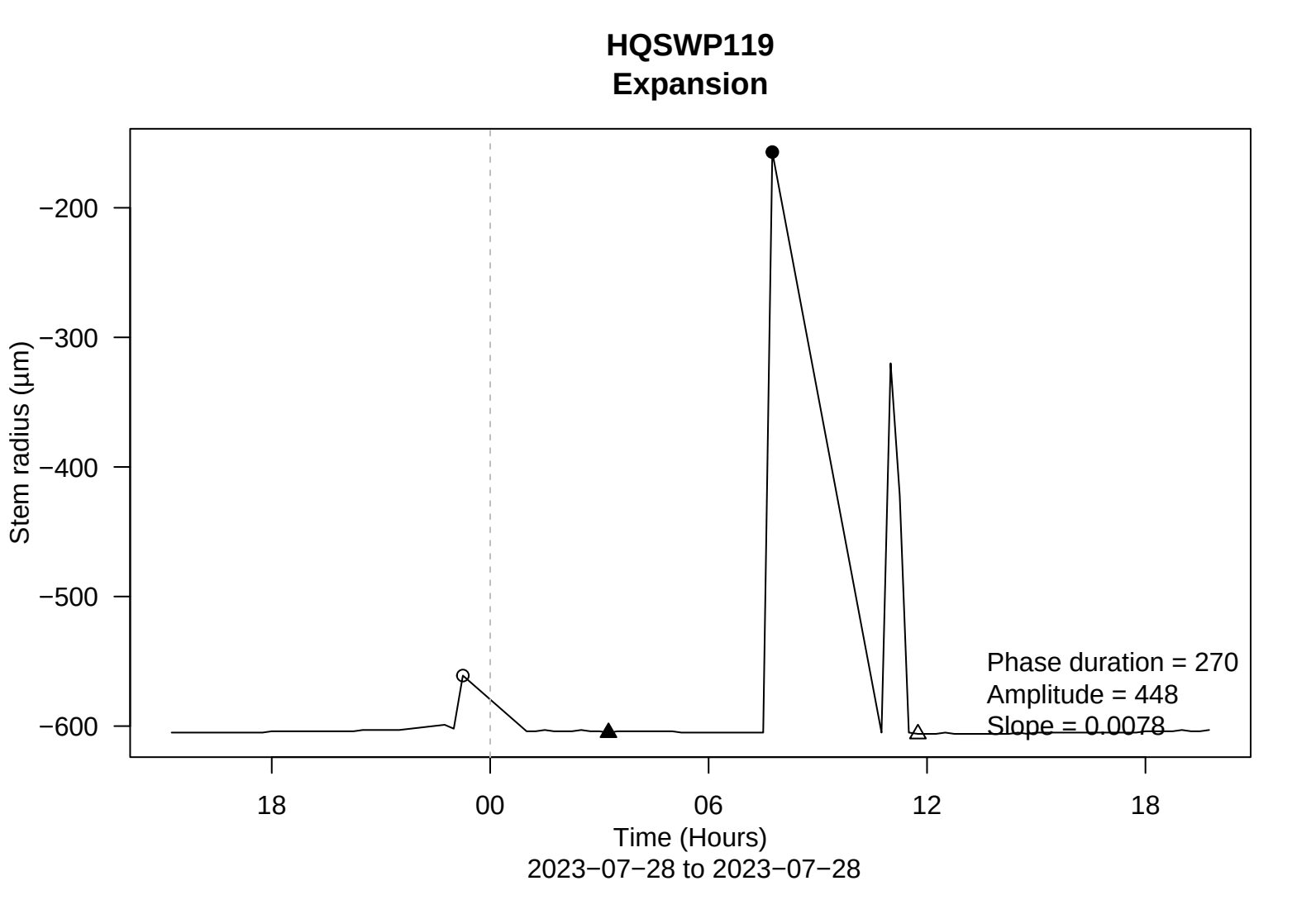

HQSWP119
Expansion
−1500
−2000
−2500
−3000
Stem radius (µm)
12
00
12
00
Time (Hours)
2023−07−24 to 2023−07−25
Phase duration = 1155
Amplitude = 1866
Slope = 0.0109

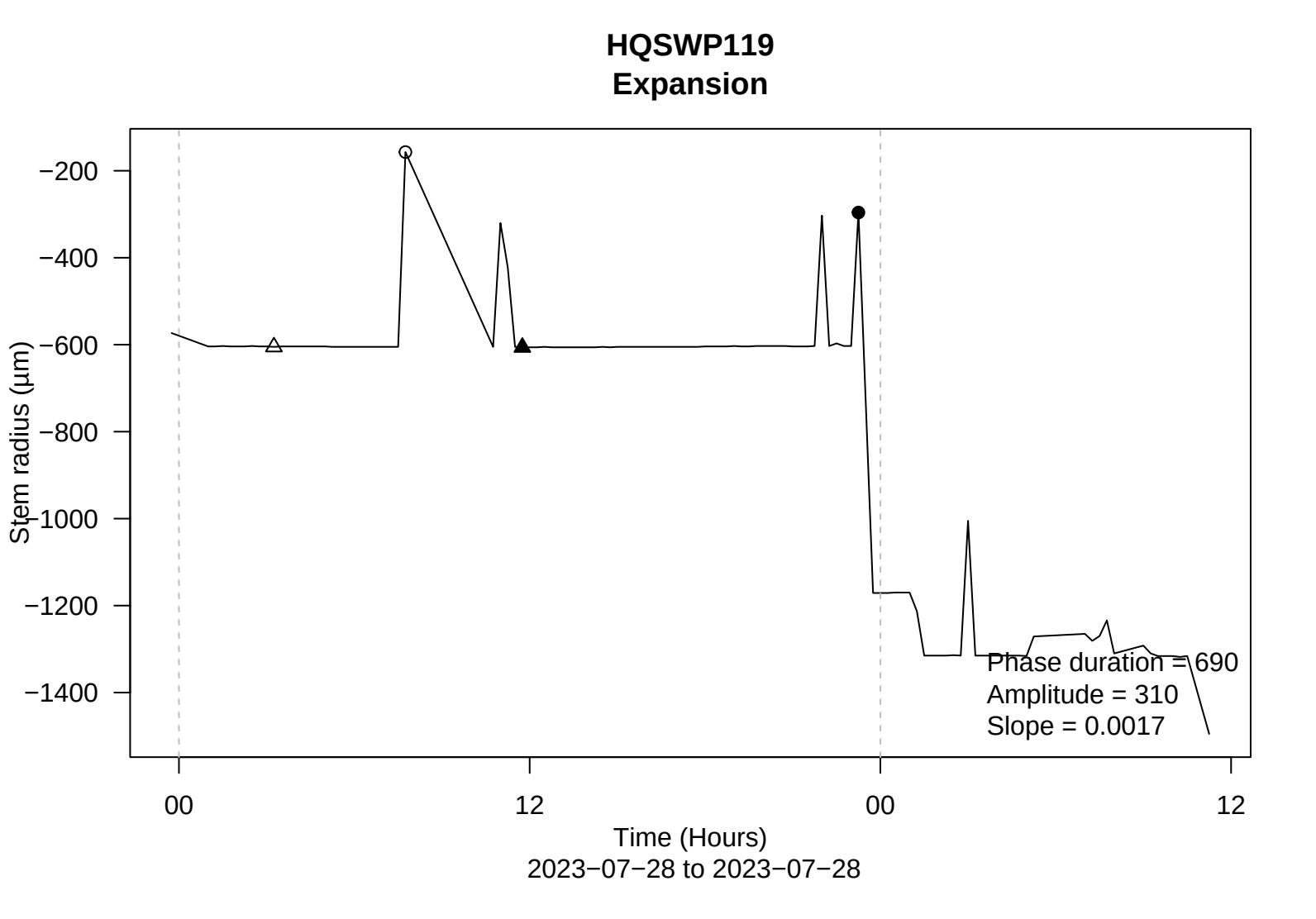

HQSWP119
Shrinkage
−1600
−1800
−2000
−2200
−2400
−2600
−2800
Stem radius (µm)
Phase duration = 450
Amplitude = −1376
Slope = −0.0392
12
00
12
Time (Hours)
2023−07−25 to 2023−07−26

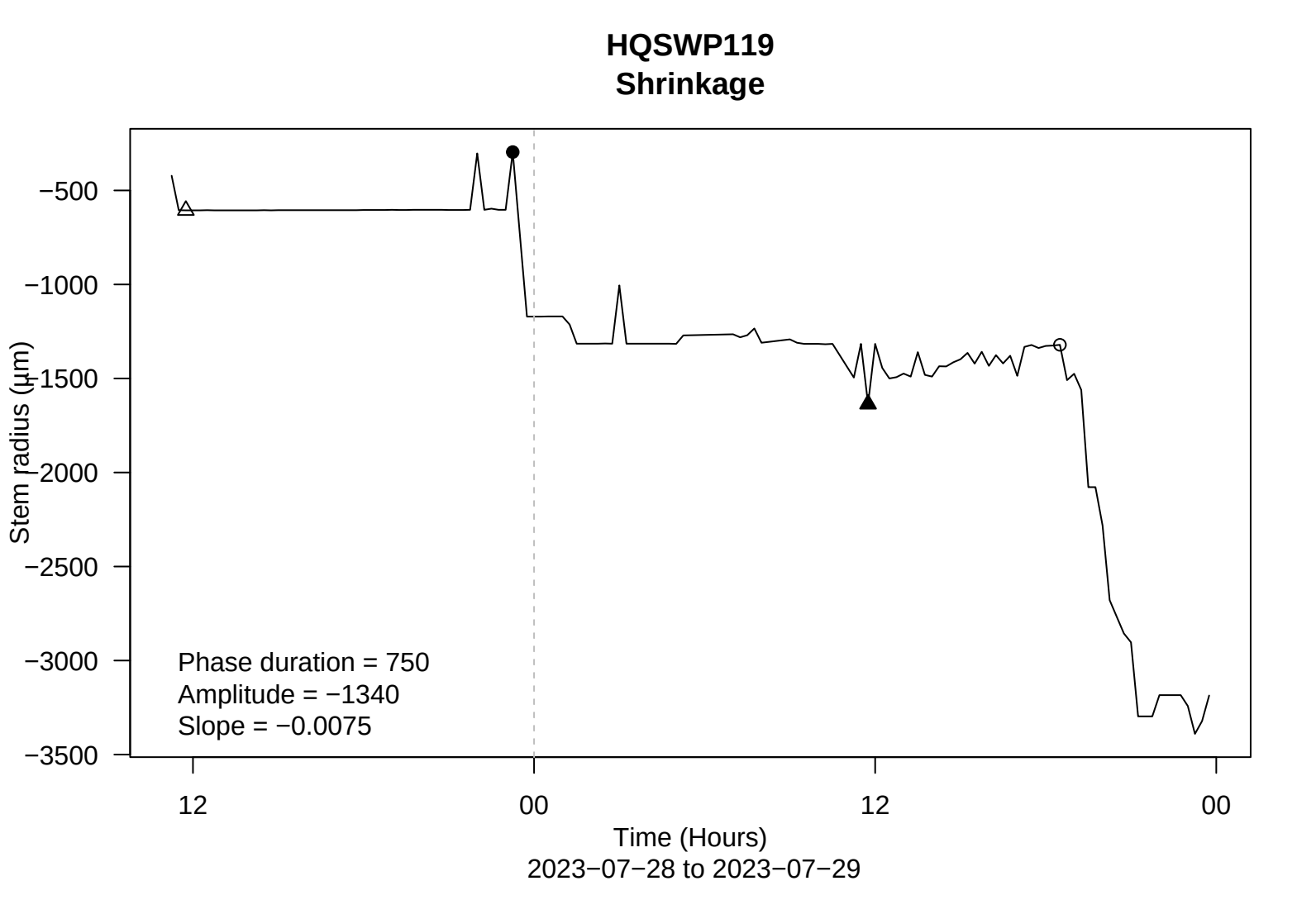

HQSWP119
Expansion
−500
−1000
−1500
−2000
−2500
Stem radius (µm)
Phase duration = 1590
Amplitude = 2282
Slope = 0.019
12
00
12
00
12
Time (Hours)
2023−07−26 to 2023−07−27

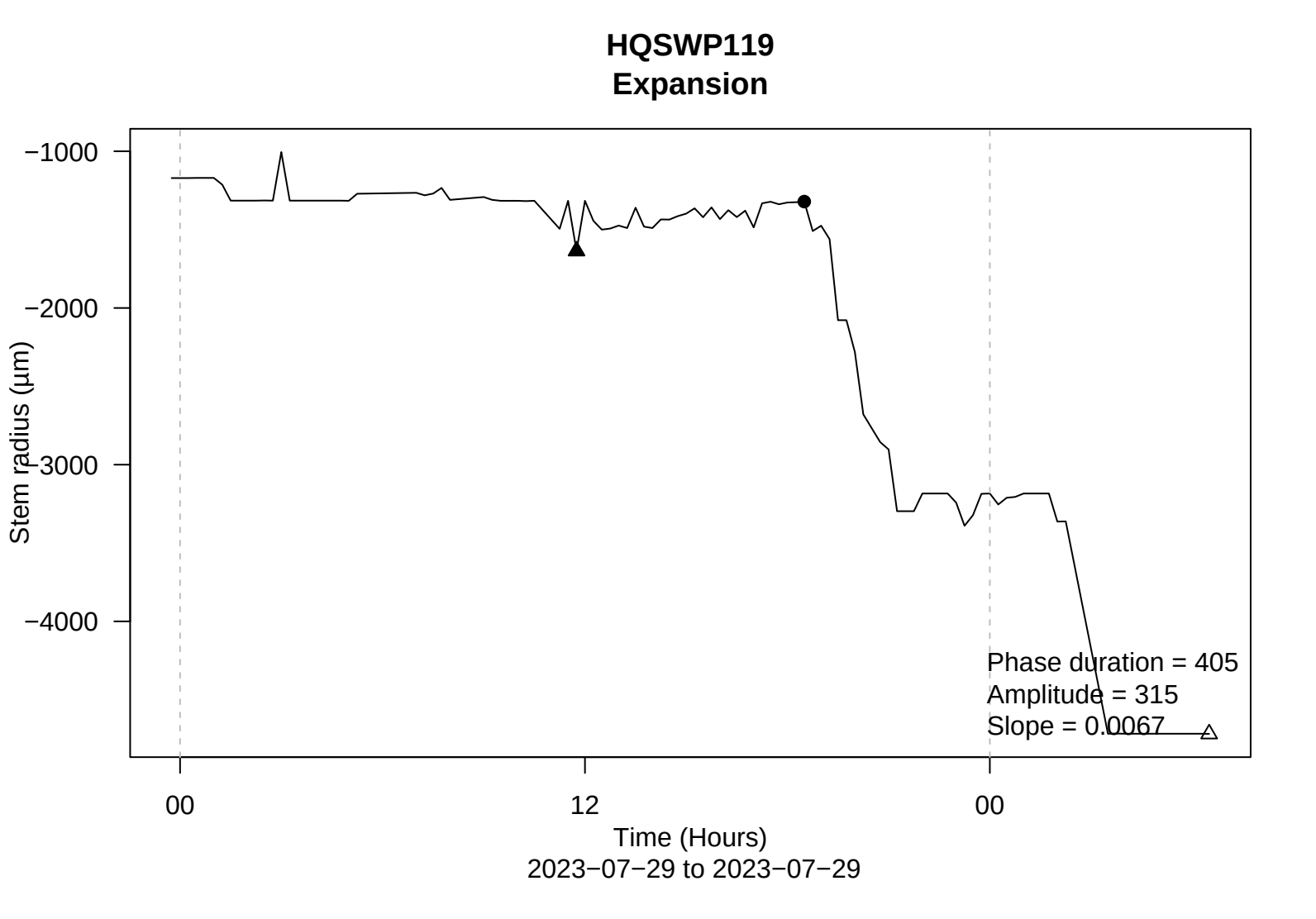

HQSWP119
Shrinkage
−1000
−1500
−2000
Stem radius (µm)
Phase duration = 390
Amplitude = −18
Slope = −1e−04
18
00
06
12
18
Time (Hours)
2023−07−27 to 2023−07−27

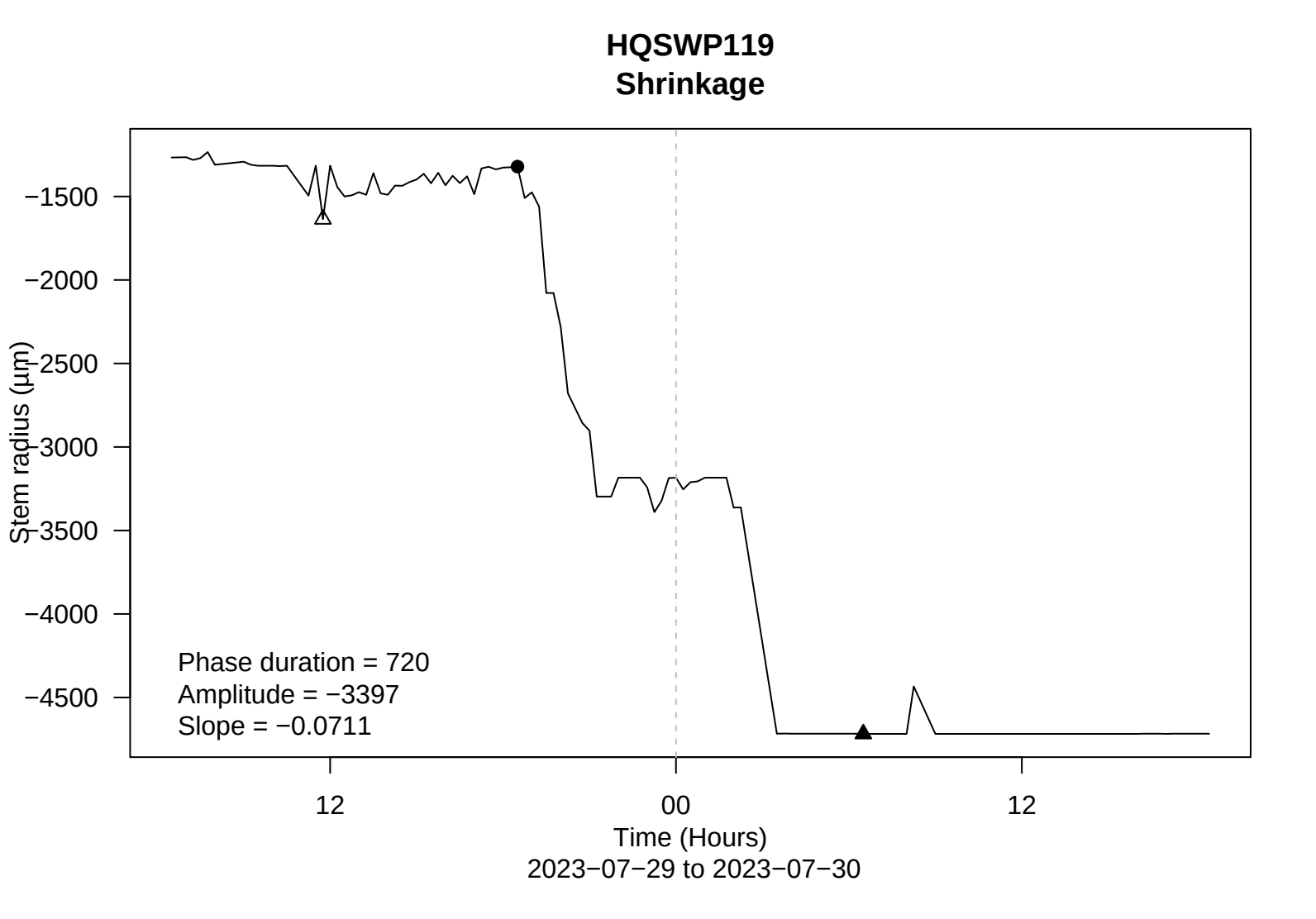

HQSWP119
Expansion
−200
−400
−600
−800
−1000
−1200
−1400
−1600
Stem radius (µm)
00
12
00
12
Time (Hours)
2023−07−27 to 2023−07−27
Phase duration = 765
Amplitude = 45
Slope = 2e−04

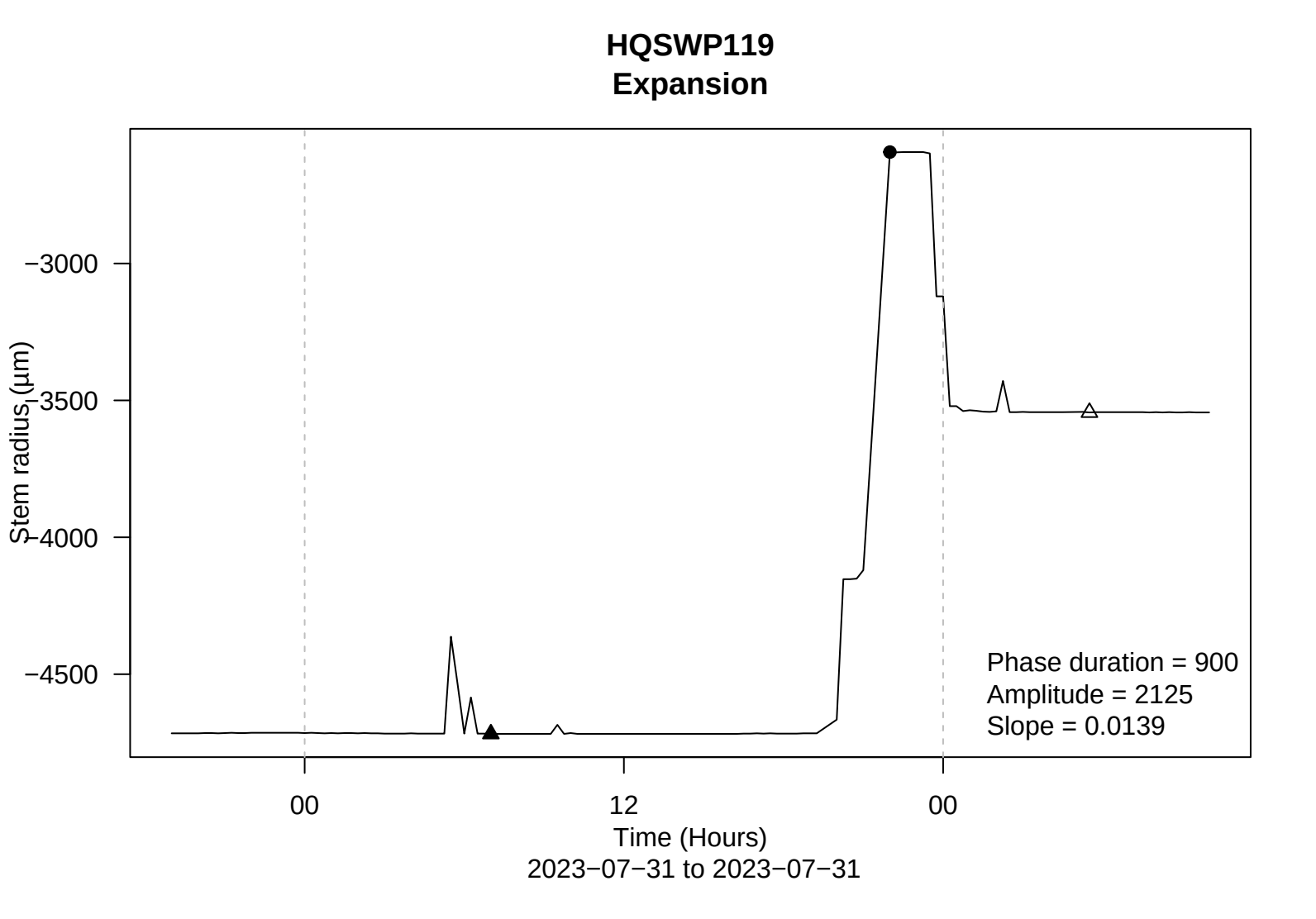

HQSWP119
Expansion
−200
−300
−400
−500
−600
Stem radius (µm)
18
00
06
12
18
Time (Hours)
2023−07−28 to 2023−07−28
Phase duration = 270
Amplitude = 448
Slope = 0.0078

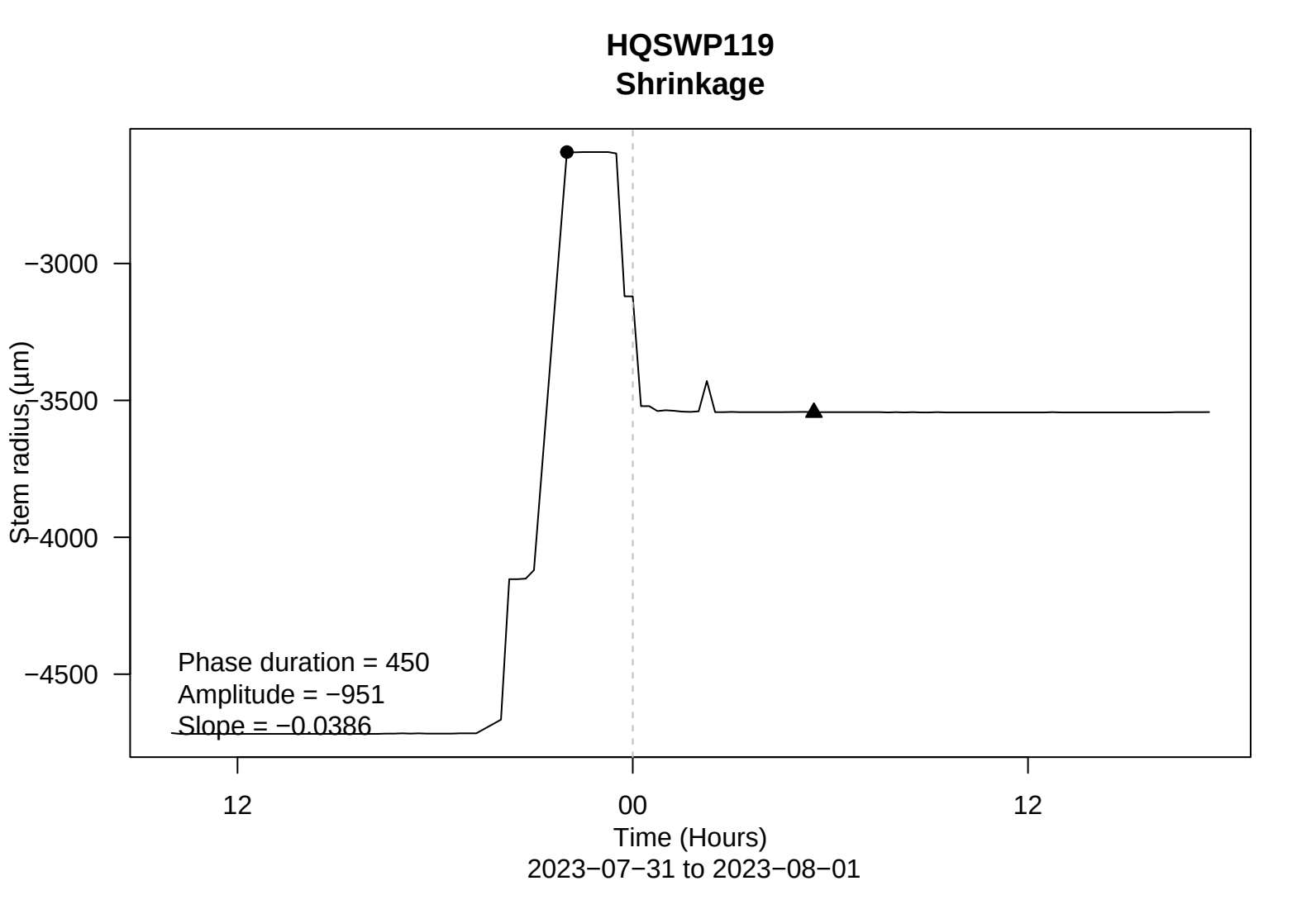

HQSWP119
Expansion
−200
−400
−600
−800
−1000
−1200
−1400
Stem radius (µm)
Phase duration = 690
Amplitude = 310
Slope = 0.0017
00
12
00
12
Time (Hours)
2023−07−28 to 2023−07−28

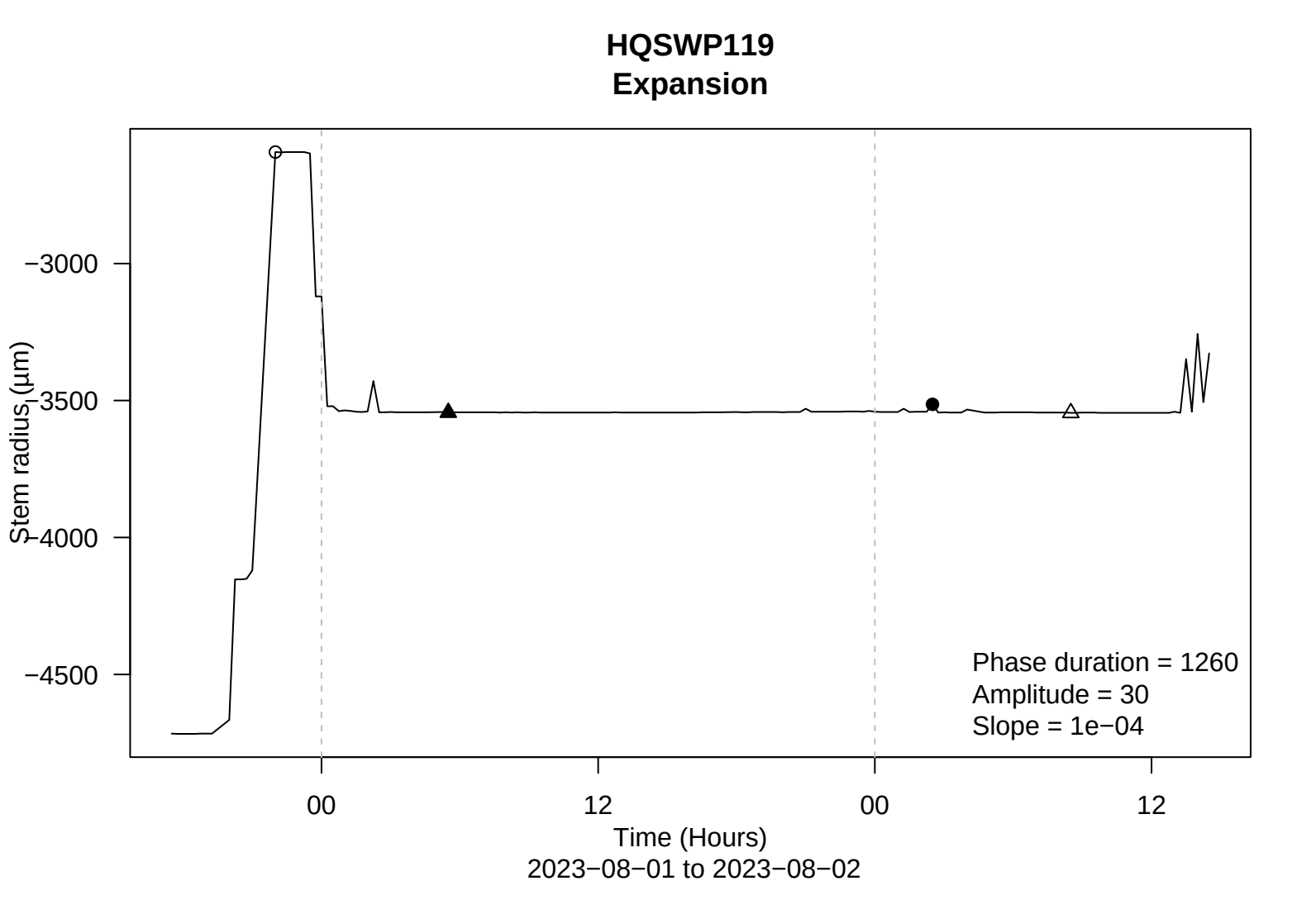

HQSWP119
Shrinkage
−500
−1000
−1500
−2000
−2500
−3000
−3500
Stem radius (µm)
Phase duration = 750
Amplitude = −1340
Slope = −0.0075
12
00
12
00
Time (Hours)
2023−07−28 to 2023−07−29

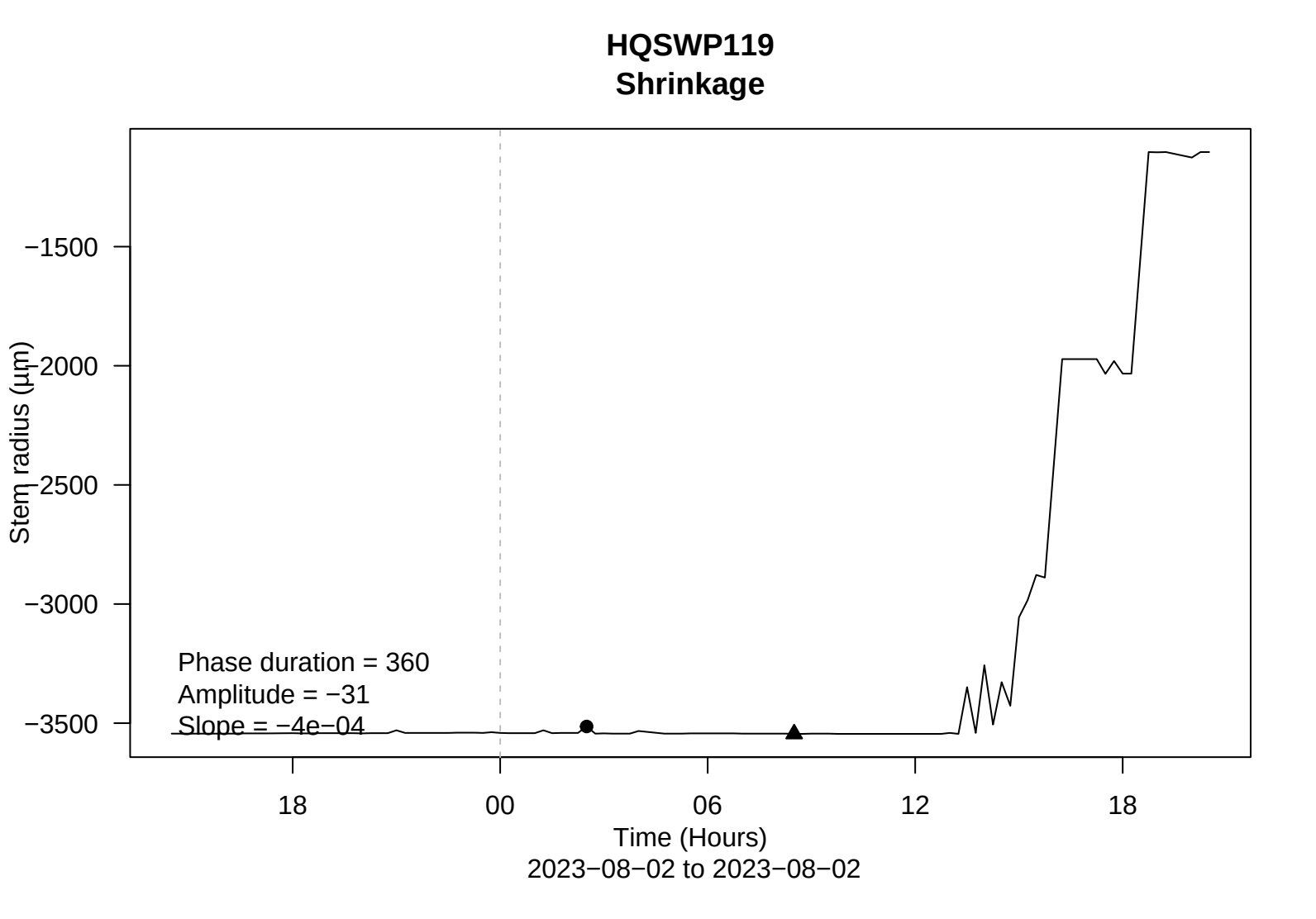

HQSWP119
Expansion
−1000
−2000
−3000
−4000
Stem radius (µm)
Phase duration = 405
Amplitude = 315
Slope = 0.0067
00
12
00
Time (Hours)
2023−07−29 to 2023−07−29

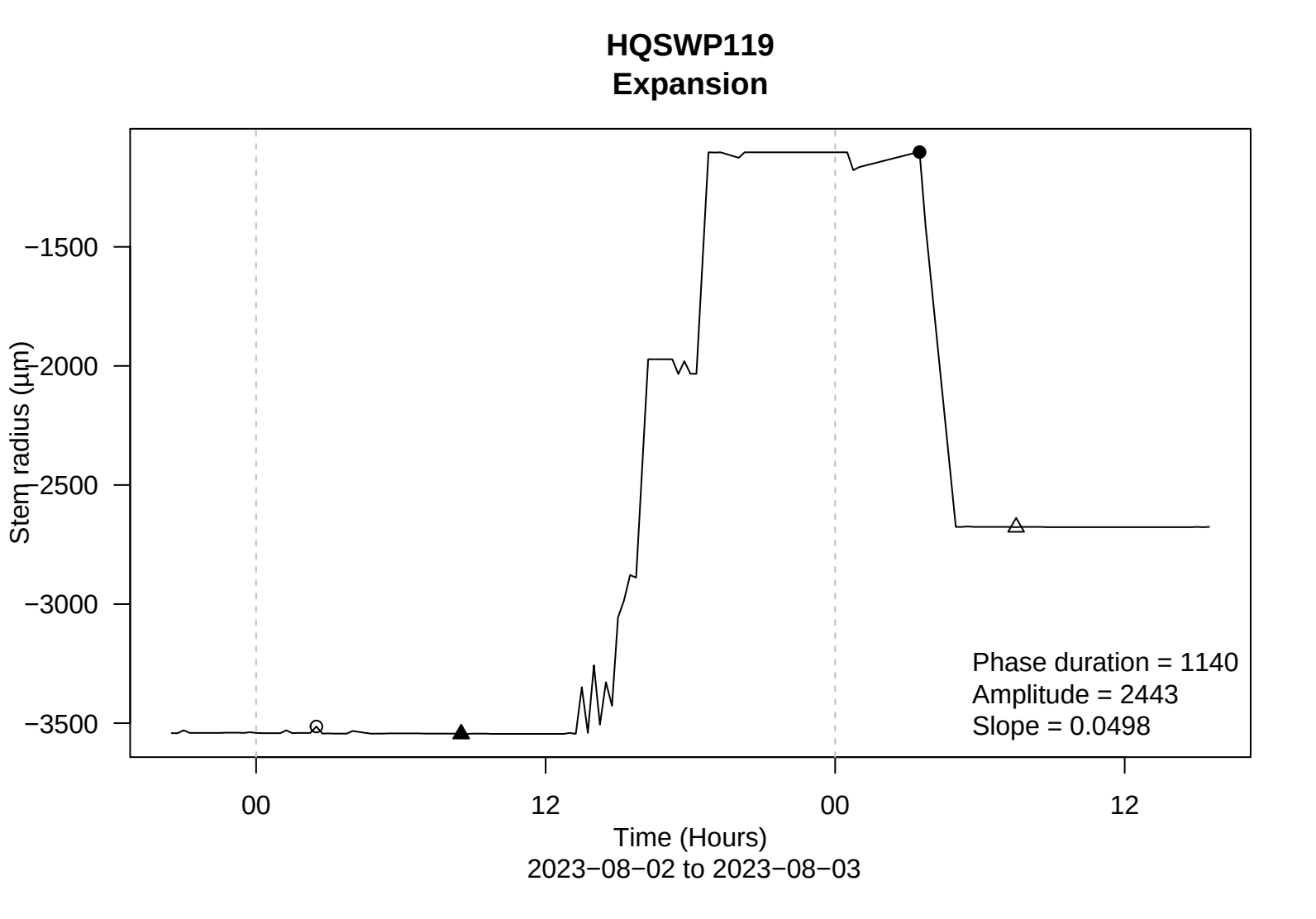

HQSWP119
Shrinkage
−1500
−2000
−2500
−3000
−3500
−4000
−4500
Stem radius (µm)
Phase duration = 720
Amplitude = −3397
Slope = −0.0711
12
00
12
Time (Hours)
2023−07−29 to 2023−07−30

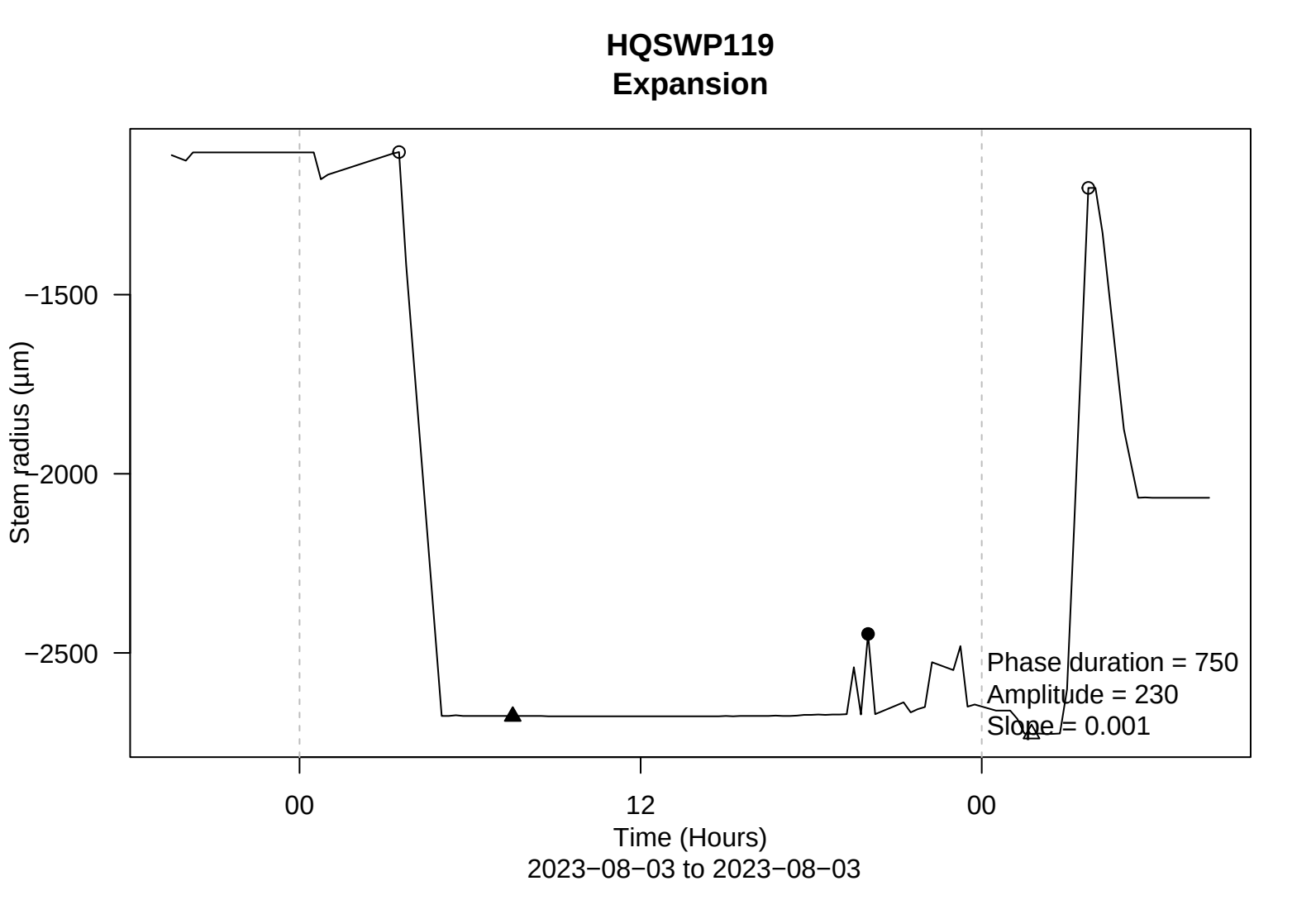

HQSWP119
Expansion
−3000
−3500
−4000
−4500
Stem radius (µm)
00
12
00
Time (Hours)
2023−07−31 to 2023−07−31
Phase duration = 900
Amplitude = 2125
Slope = 0.0139

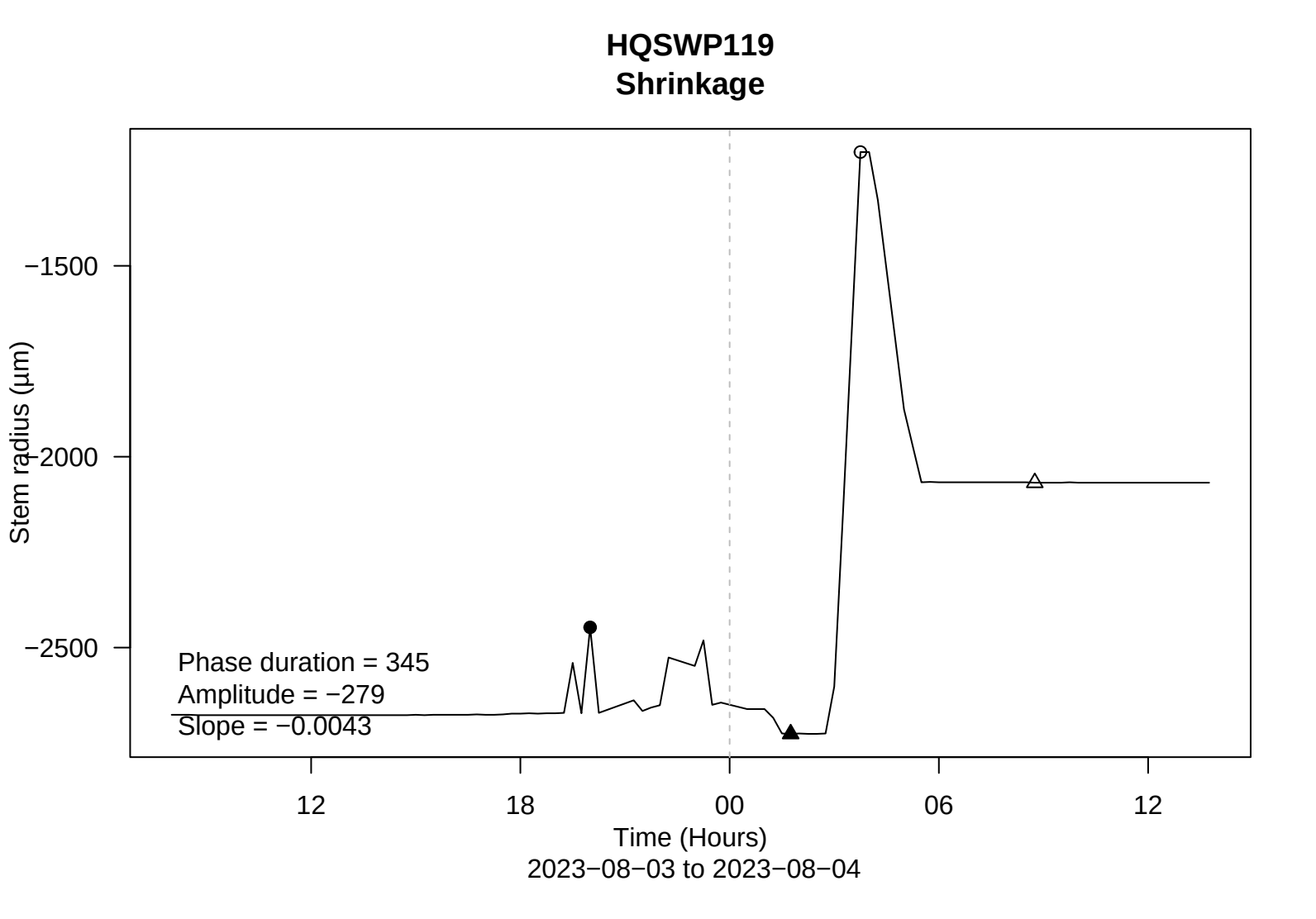

HQSWP119
Shrinkage
−3000
−3500
−4000
−4500
Stem radius (µm)
Phase duration = 450
Amplitude = −951
Slope = −0.0386
12
00
12
Time (Hours)
2023−07−31 to 2023−08−01

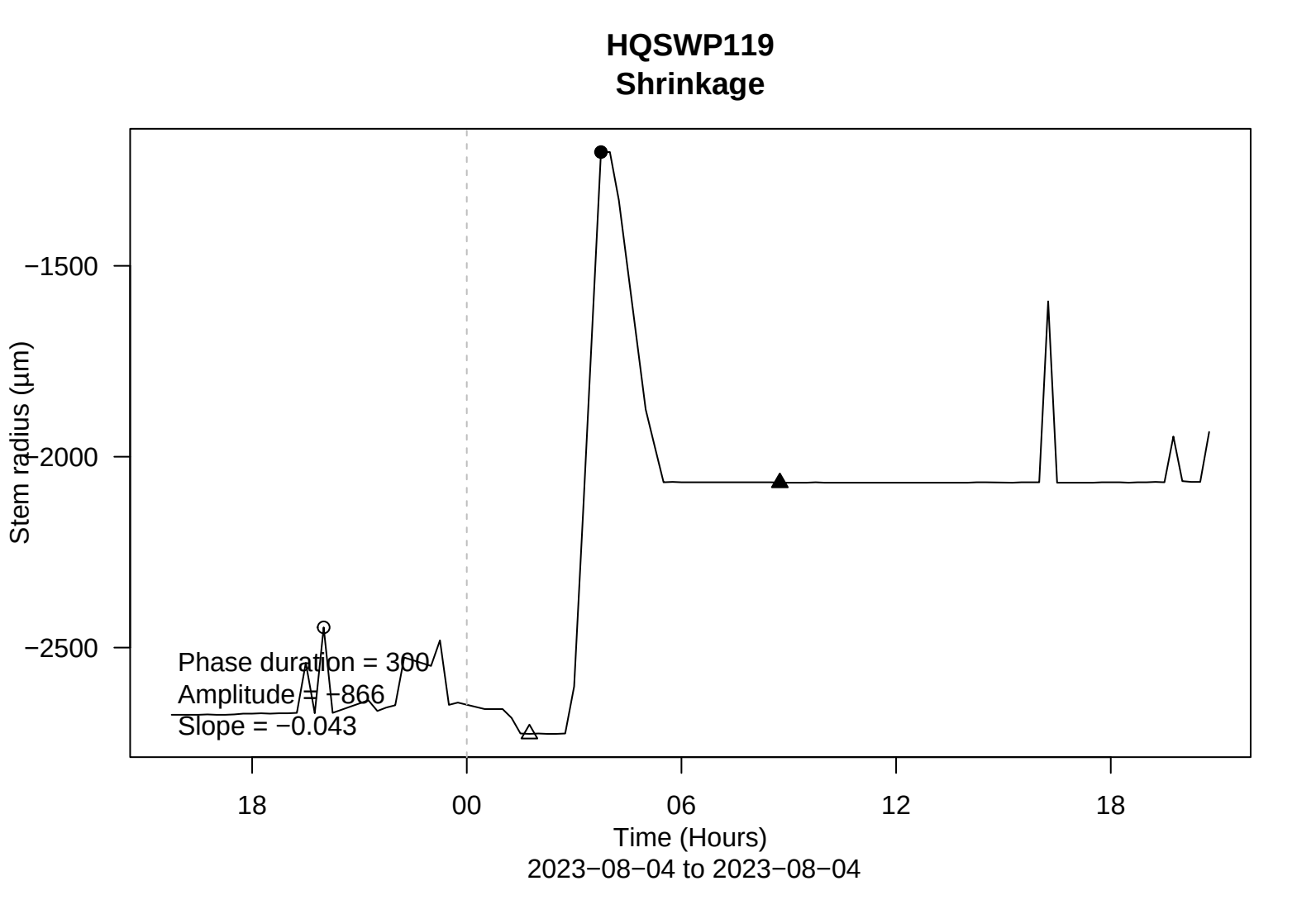

HQSWP119
Expansion
−3000
−3500
−4000
−4500
Stem radius (µm)
Phase duration = 1260
Amplitude = 30
Slope = 1e−04
00
12
00
12
Time (Hours)
2023−08−01 to 2023−08−02

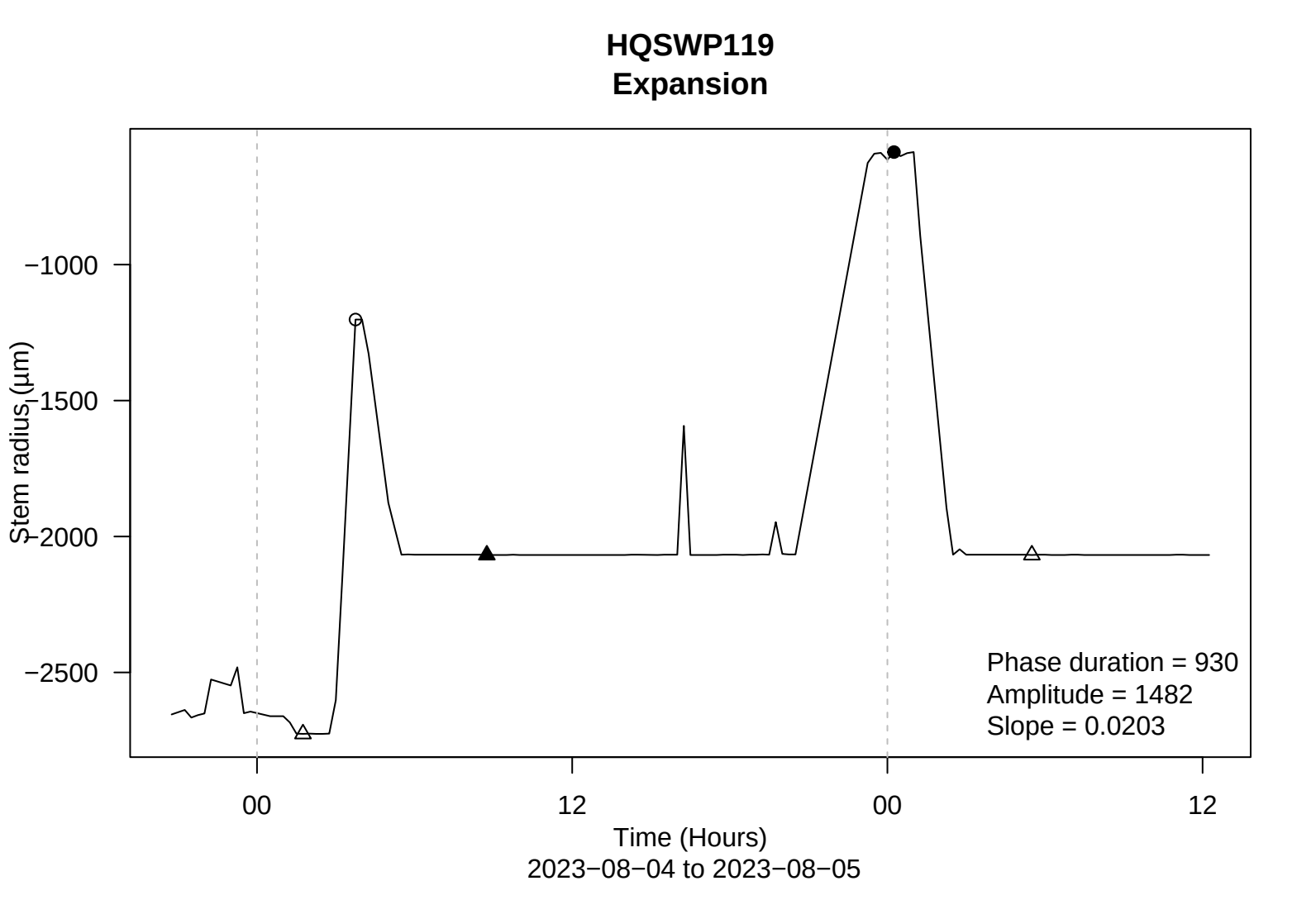

HQSWP119
Shrinkage
Stem radius (µm)
−1500
−2000
−2500
−3000
−3500
Phase duration = 360
Amplitude = −31
Slope = −4e−04
18
00
06
12
18
Time (Hours)
2023−08−02 to 2023−08−02

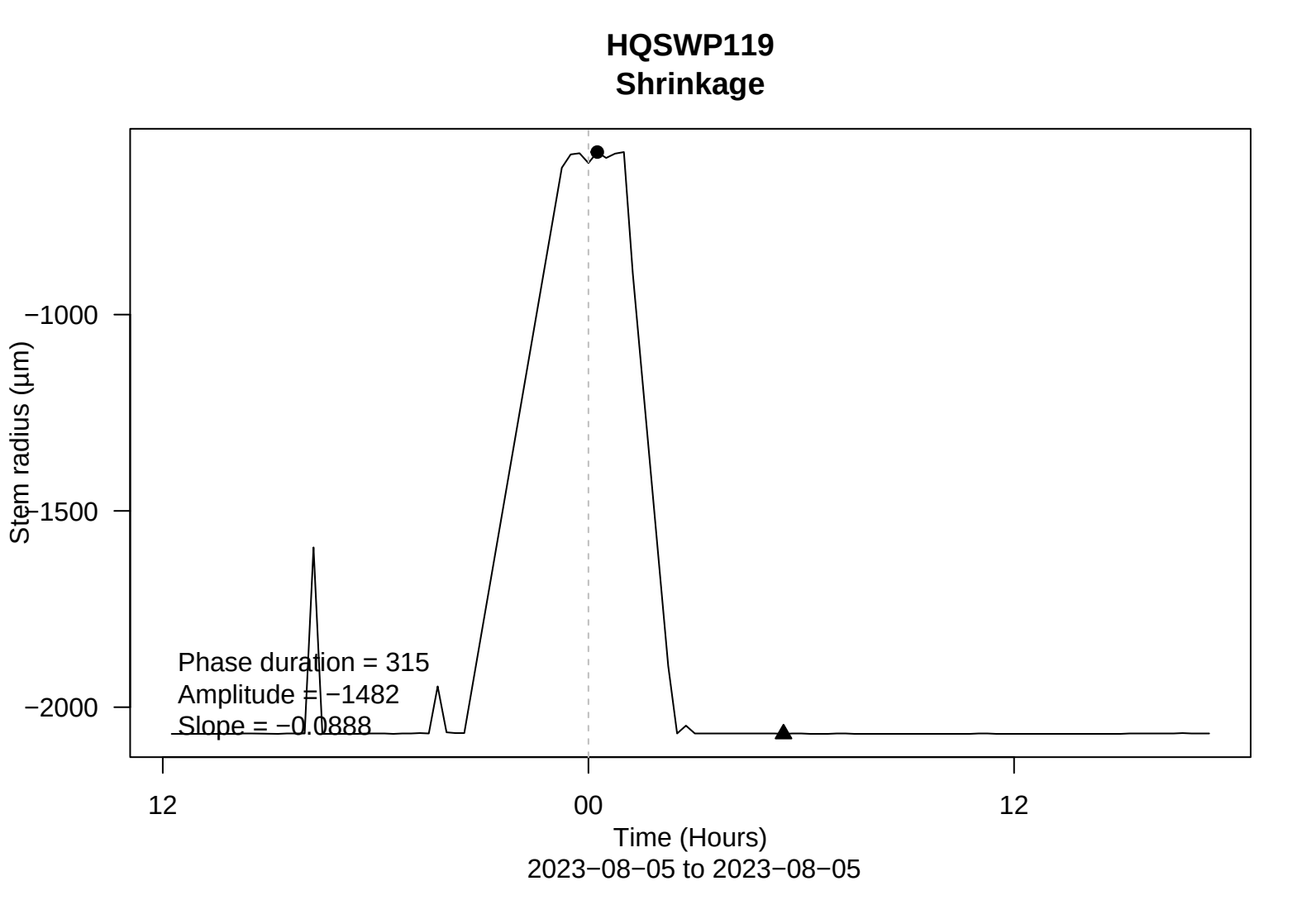

HQSWP119
Expansion
−1500
−2000
−2500
−3000
−3500
Stem radius (µm)
00
12
00
12
Time (Hours)
2023−08−02 to 2023−08−03
Phase duration = 1140
Amplitude = 2443
Slope = 0.0498

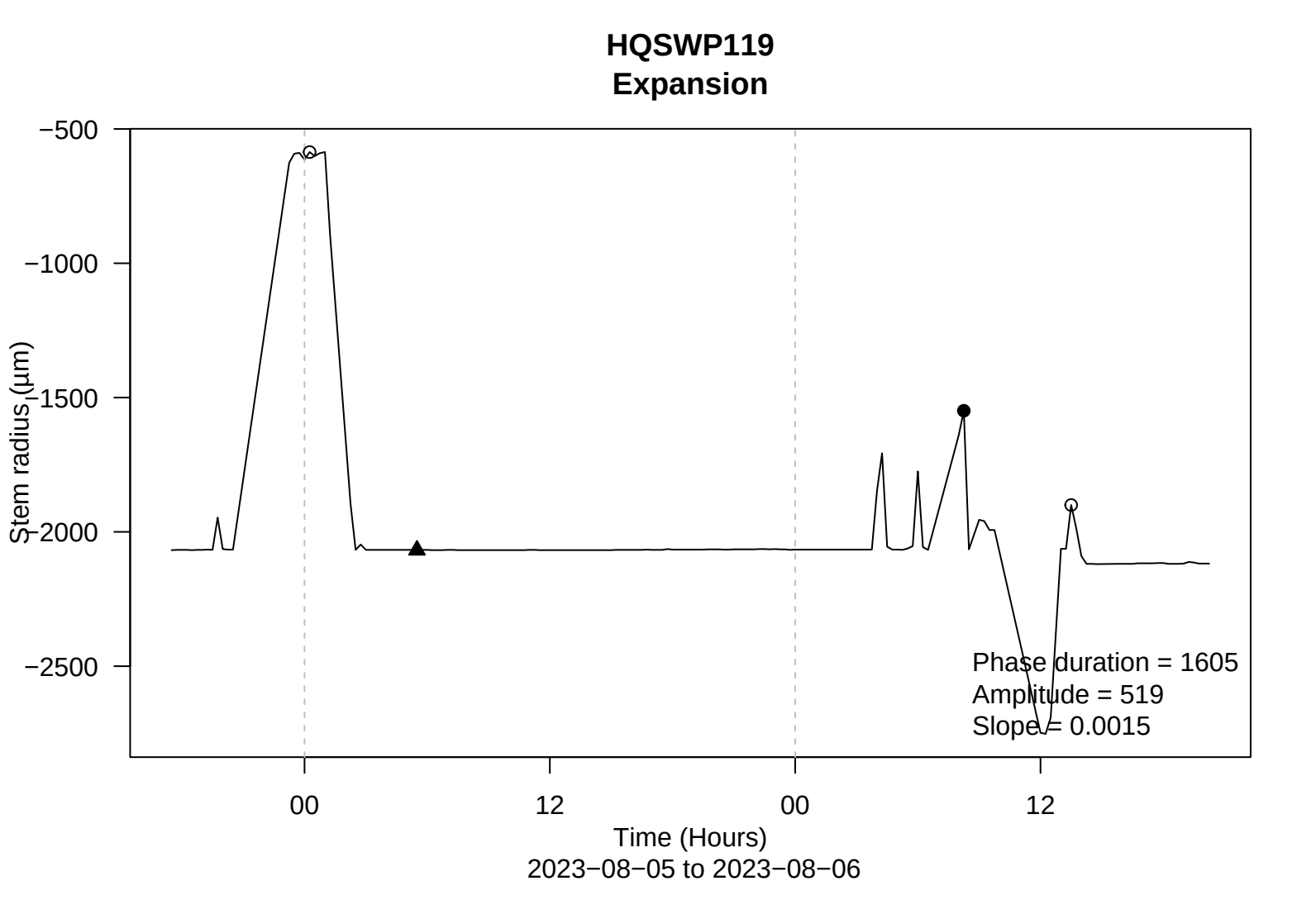

HQSWP119
Expansion
−1500
−2000
−2500
Stem radius (µm)
Phase duration = 750
Amplitude = 230
Slope = 0.001
00
12
00
Time (Hours)
2023−08−03 to 2023−08−03

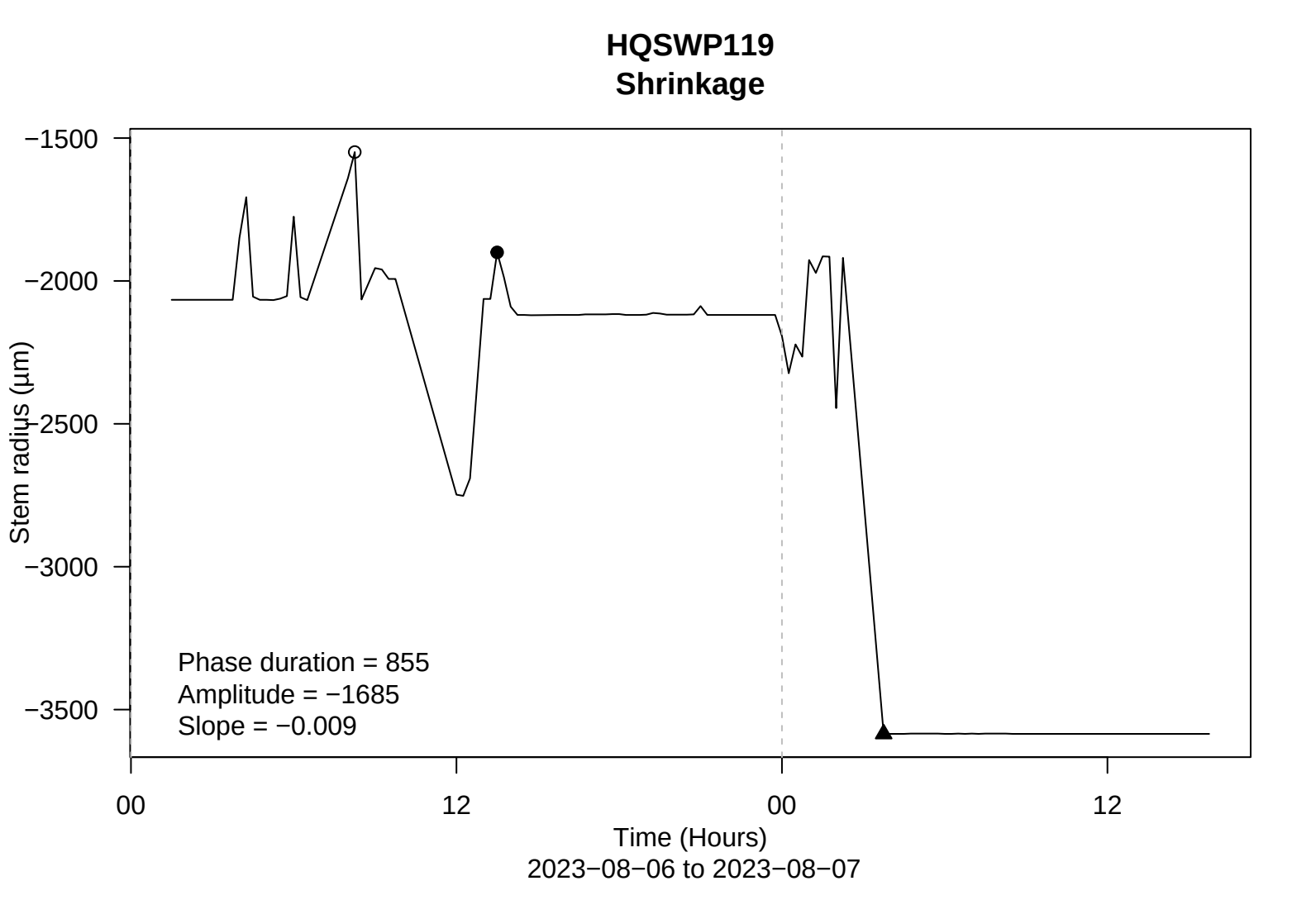

HQSWP119
Shrinkage
−1500
−2000
−2500
Stem radius (µm)
Phase duration = 345
Amplitude = −279
Slope = −0.0043
12
18
00
06
12
Time (Hours)
2023−08−03 to 2023−08−04

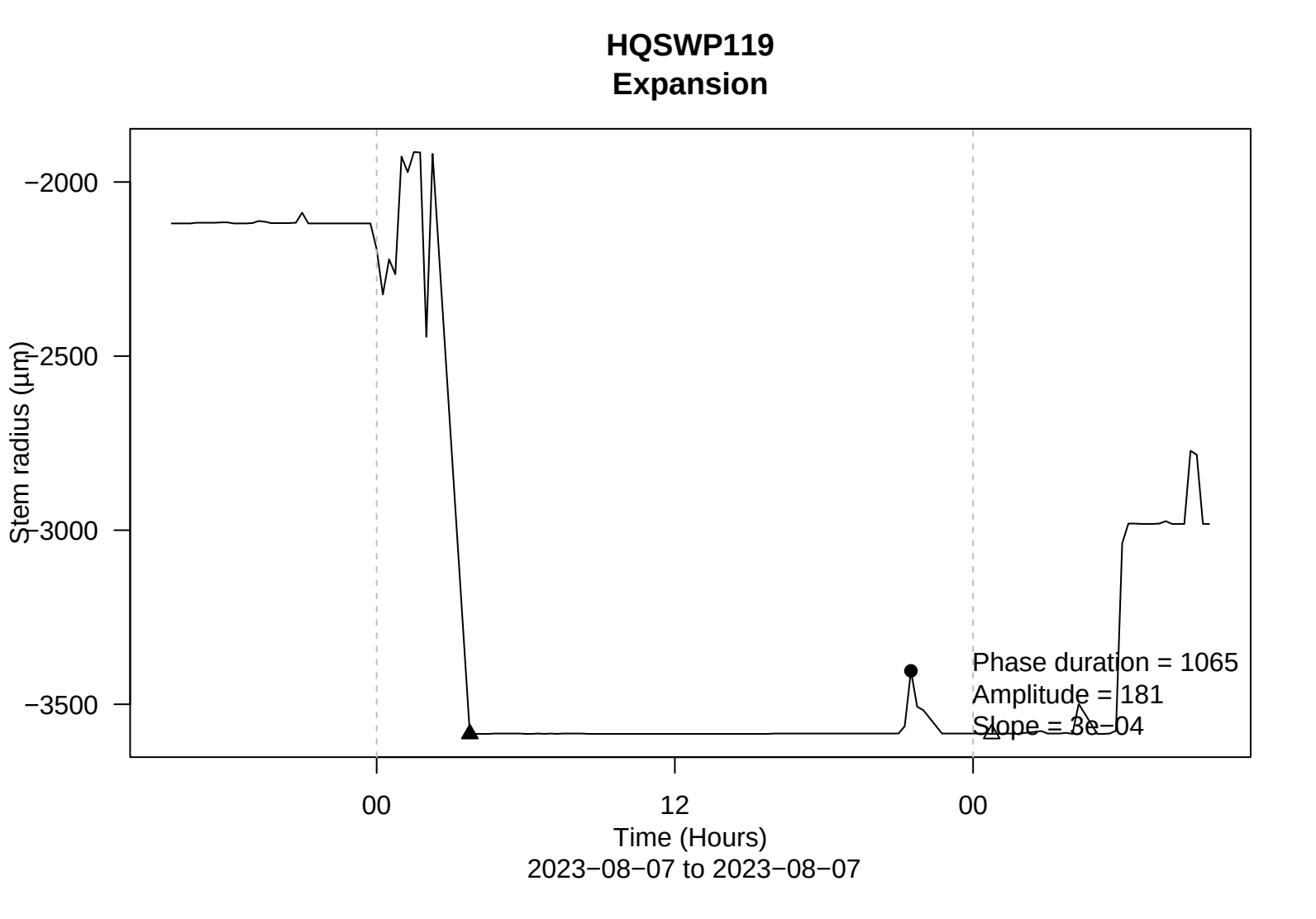

HQSWP119
Shrinkage
−1500
−2000
−2500
Stem radius (µm)
Phase duration = 300
Amplitude = −866
Slope = −0.043
18
00
06
12
18
Time (Hours)
2023−08−04 to 2023−08−04

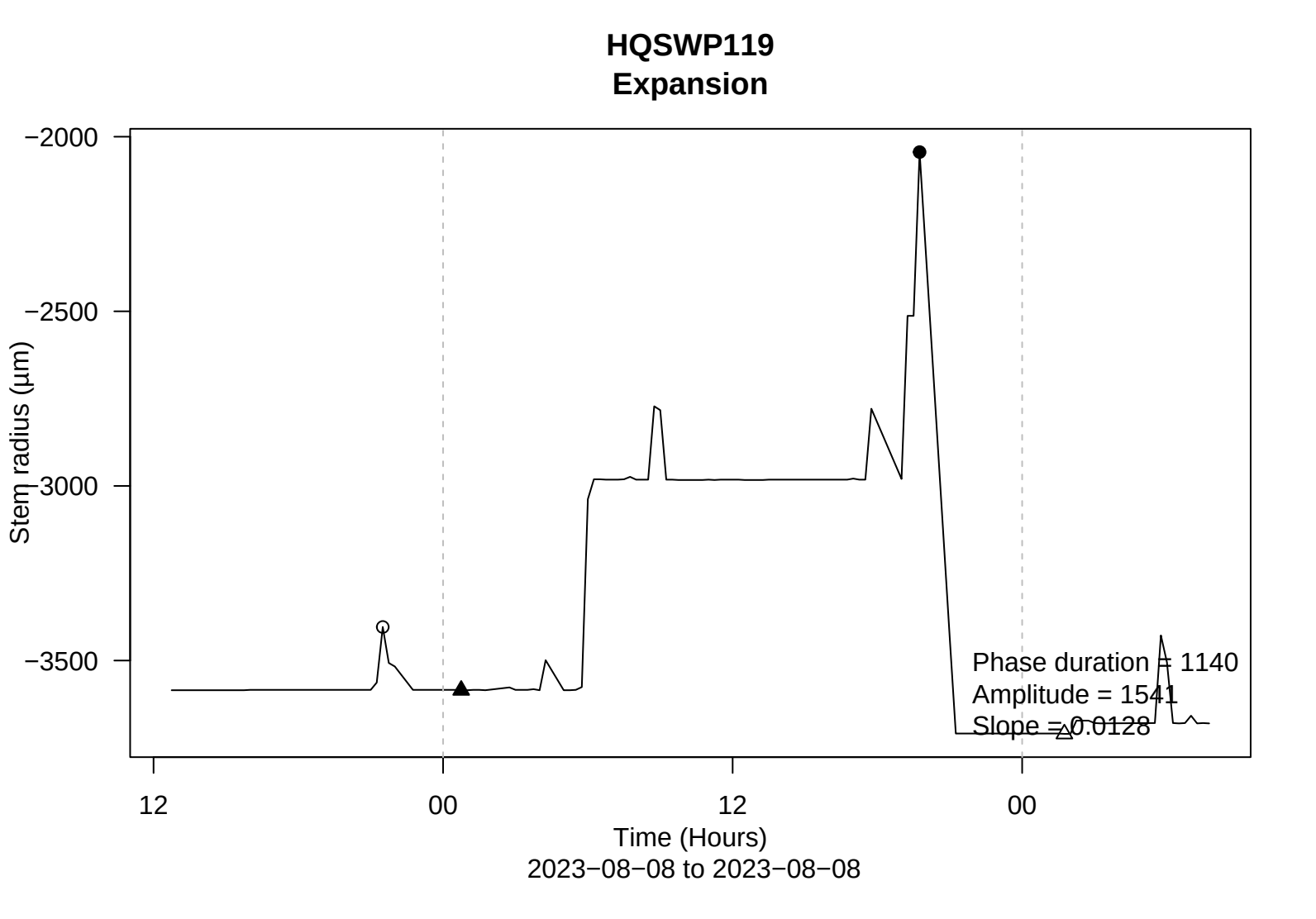

HQSWP119
Expansion
−1000
−1500
−2000
−2500
Stem radius (µm)
Phase duration = 930
Amplitude = 1482
Slope = 0.0203
00
12
00
12
Time (Hours)
2023−08−04 to 2023−08−05

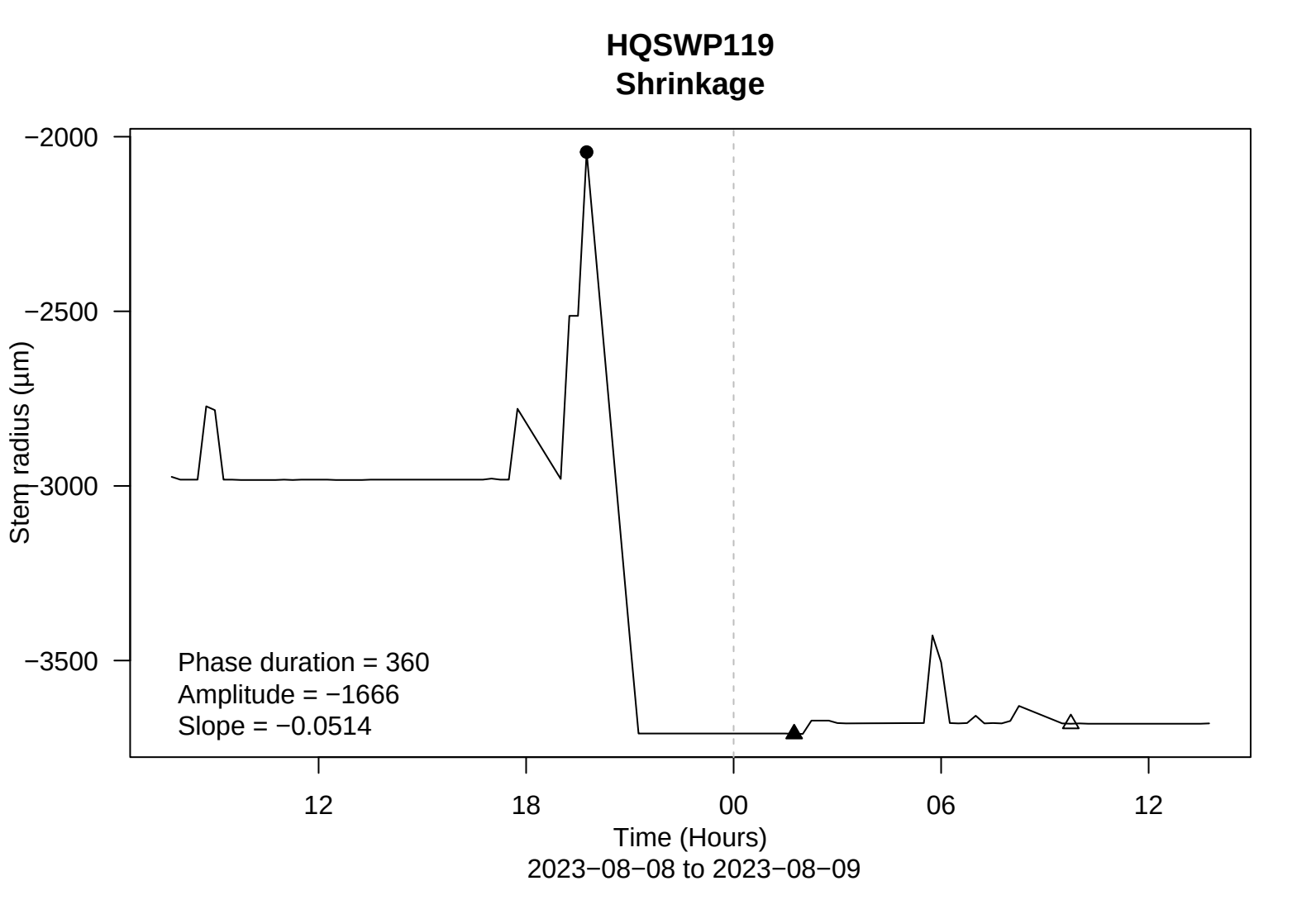

HQSWP119
Shrinkage
−1000
−1500
−2000
Stem radius (µm)
Phase duration = 315
Amplitude = −1482
Slope = −0.0888
12
00
12
Time (Hours)
2023−08−05 to 2023−08−05

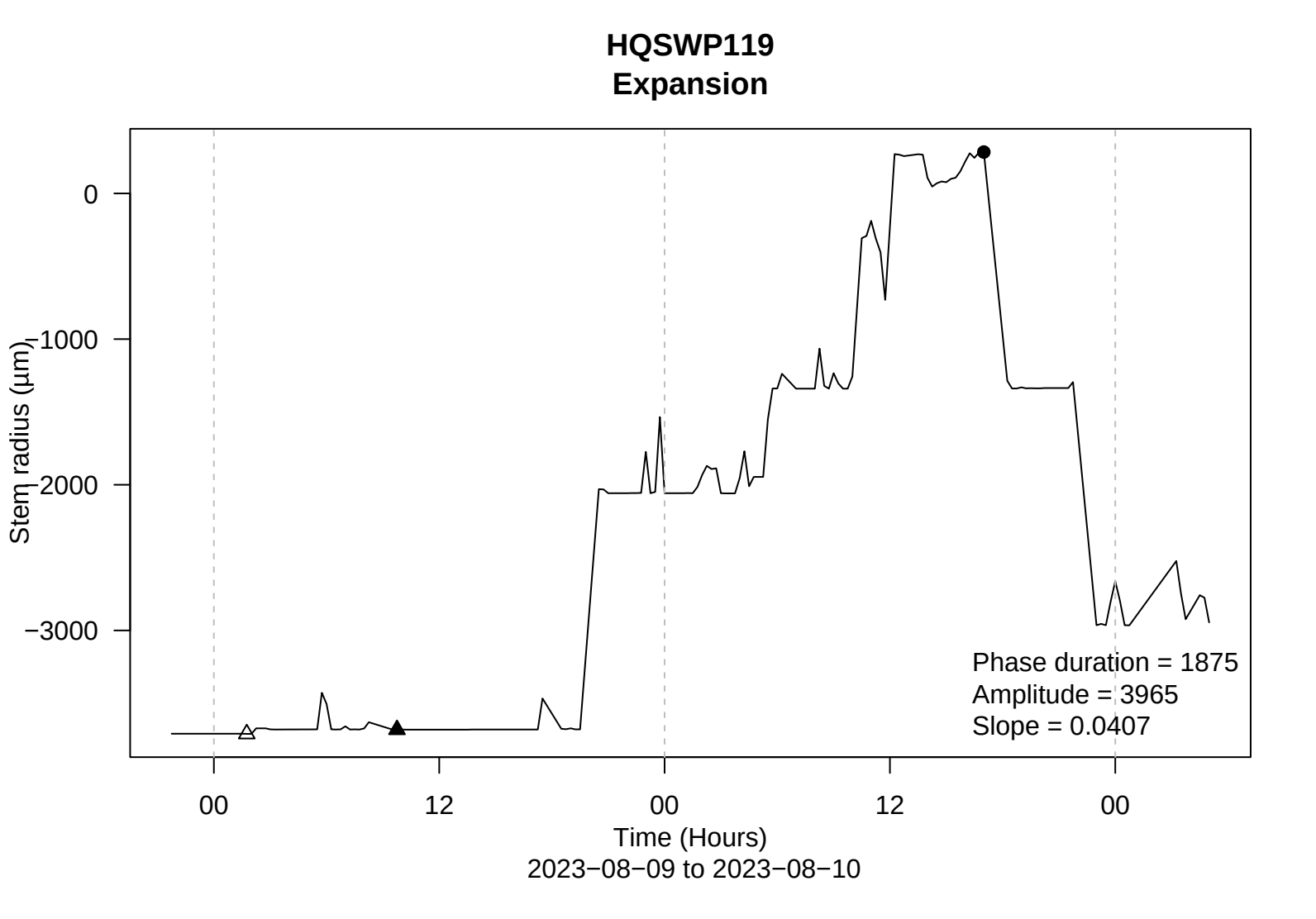

HQSWP119
Expansion
−500
−1000
−1500
−2000
−2500
Stem radius (µm)
Phase duration = 1605
Amplitude = 519
Slope = 0.0015
00
12
00
12
Time (Hours)
2023−08−05 to 2023−08−06

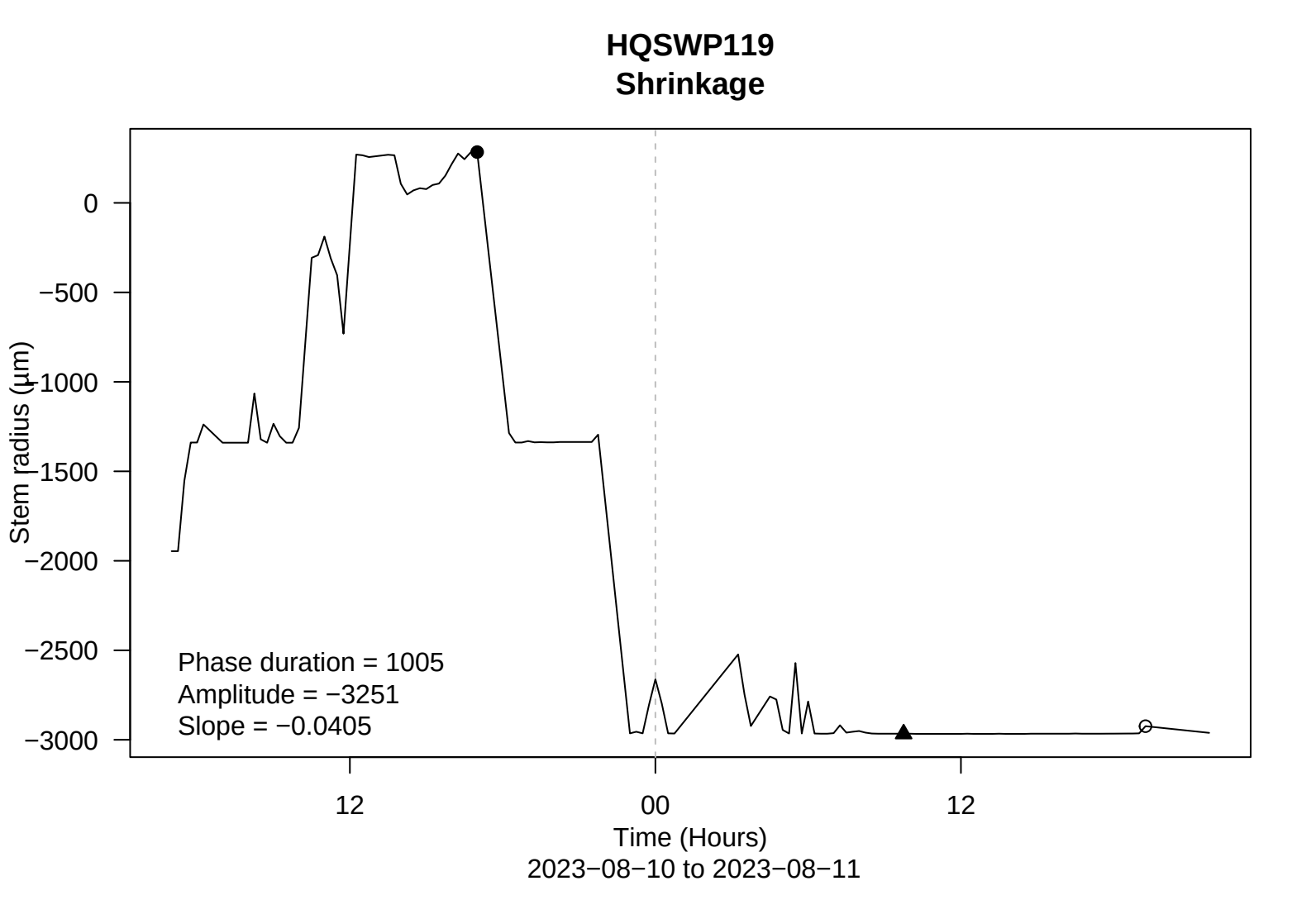

HQSWP119
Shrinkage
−1500
−2000
−2500
−3000
−3500
Stem radius (µm)
Phase duration = 855
Amplitude = −1685
Slope = −0.009
00
12
00
12
Time (Hours)
2023−08−06 to 2023−08−07

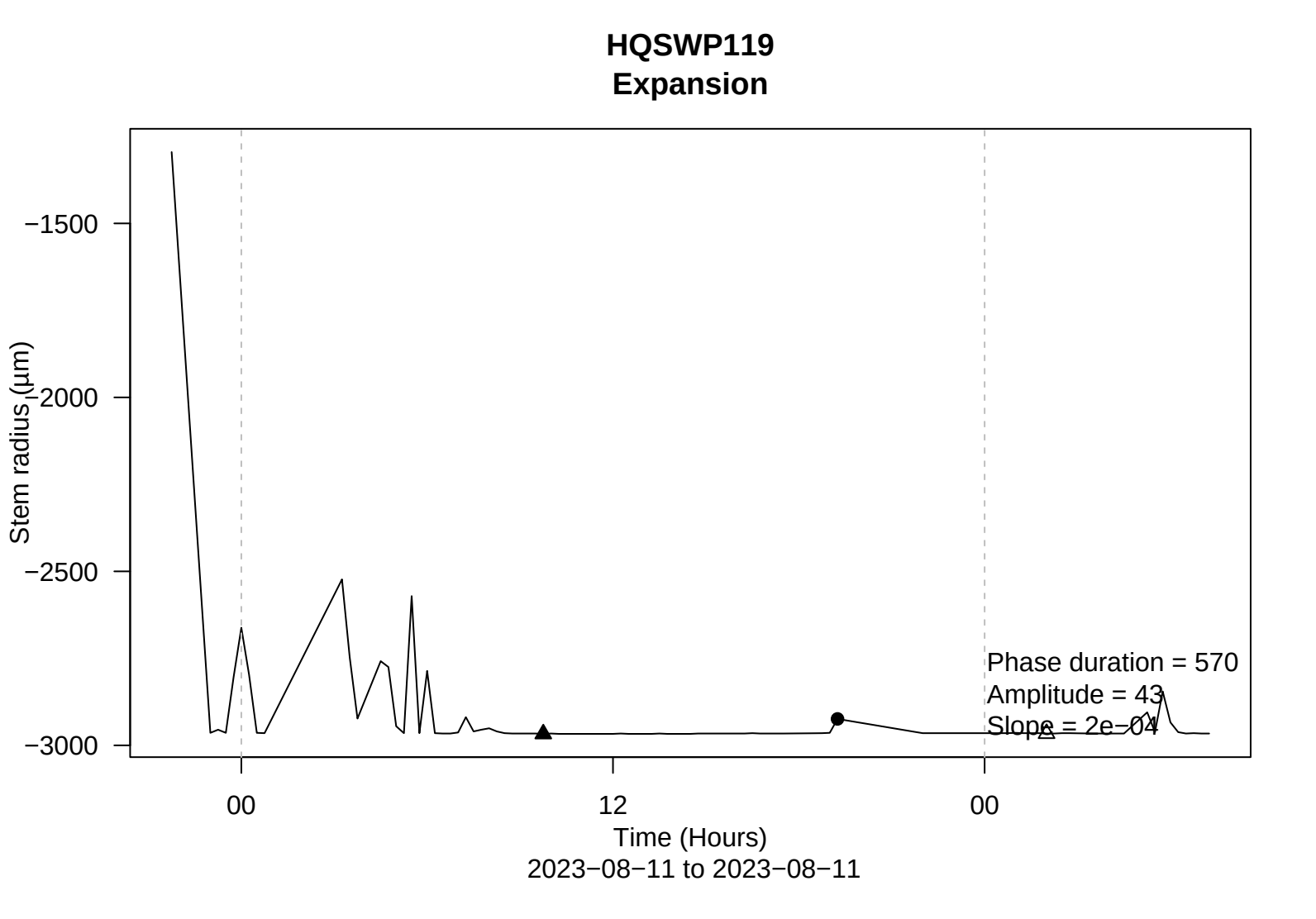

HQSWP119
Expansion
−2000
−2500
−3000
−3500
Stem radius (µm)
Phase duration = 1065
Amplitude = 181
Slope = 3e−04
00
12
00
Time (Hours)
2023−08−07 to 2023−08−07

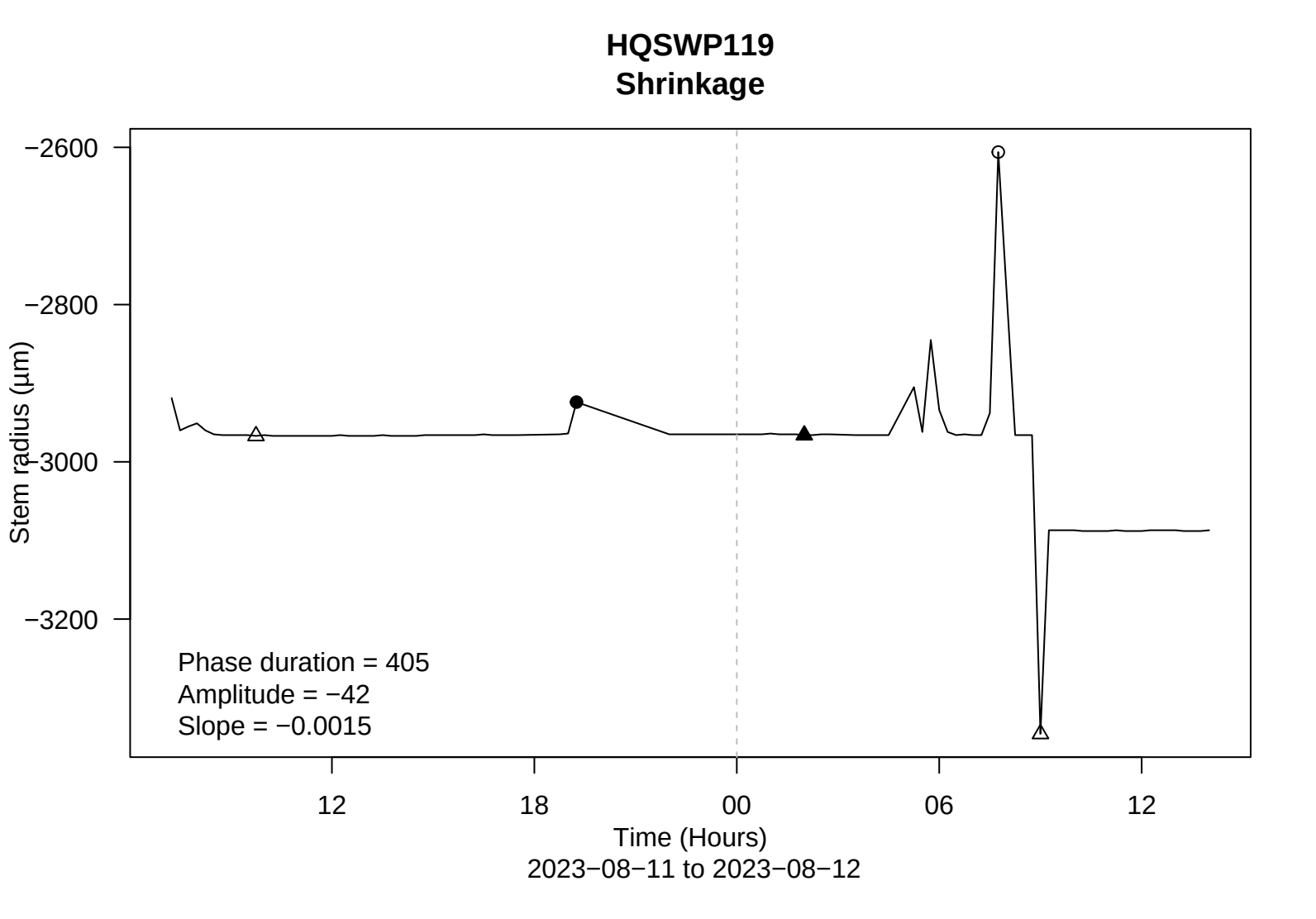

HQSWP119
Expansion
−2000
−2500
−3000
−3500
Stem radius (µm)
Phase duration = 1140
Amplitude = 1541
Slope = 0.0128
12
00
12
00
Time (Hours)
2023−08−08 to 2023−08−08

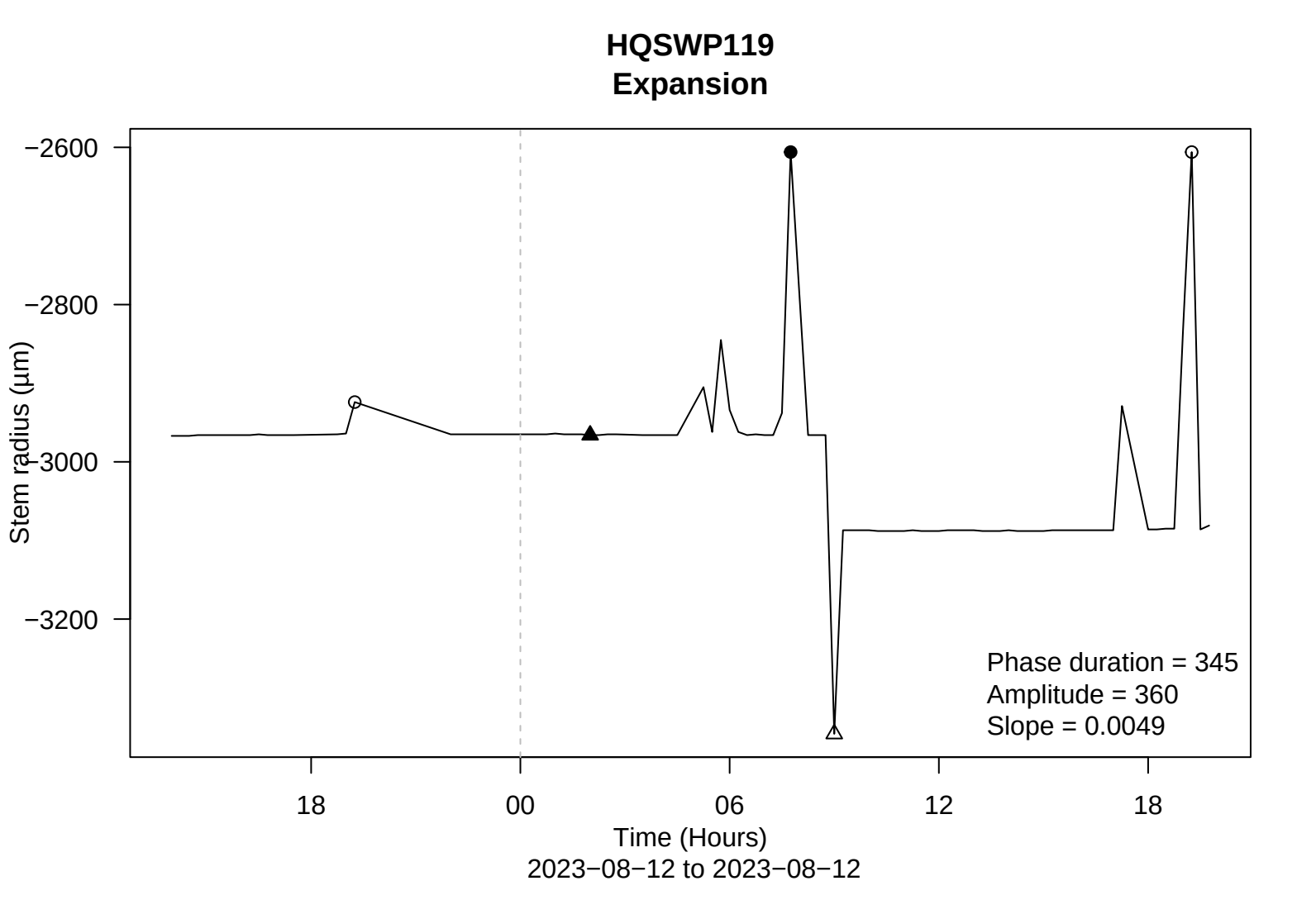

HQSWP119
Shrinkage
−2000
−2500
−3000
−3500
Stem radius (µm)
Phase duration = 360
Amplitude = −1666
Slope = −0.0514
12
18
00
06
12
Time (Hours)
2023−08−08 to 2023−08−09

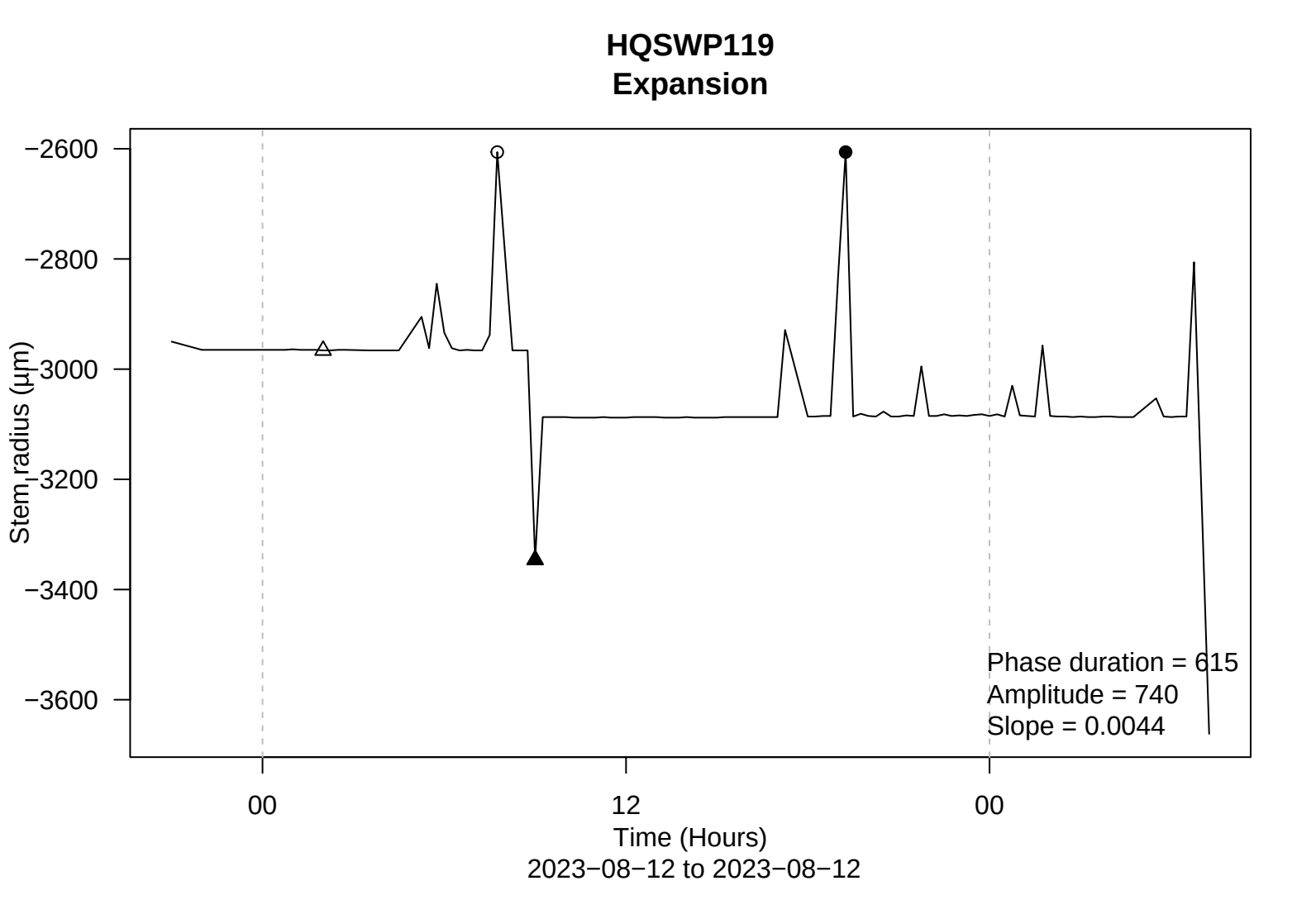

HQSWP119
Expansion
0
−1000
−2000
−3000
Stem radius (µm)
00
12
00
12
00
Time (Hours)
2023−08−09 to 2023−08−10
Phase duration = 1875
Amplitude = 3965
Slope = 0.0407

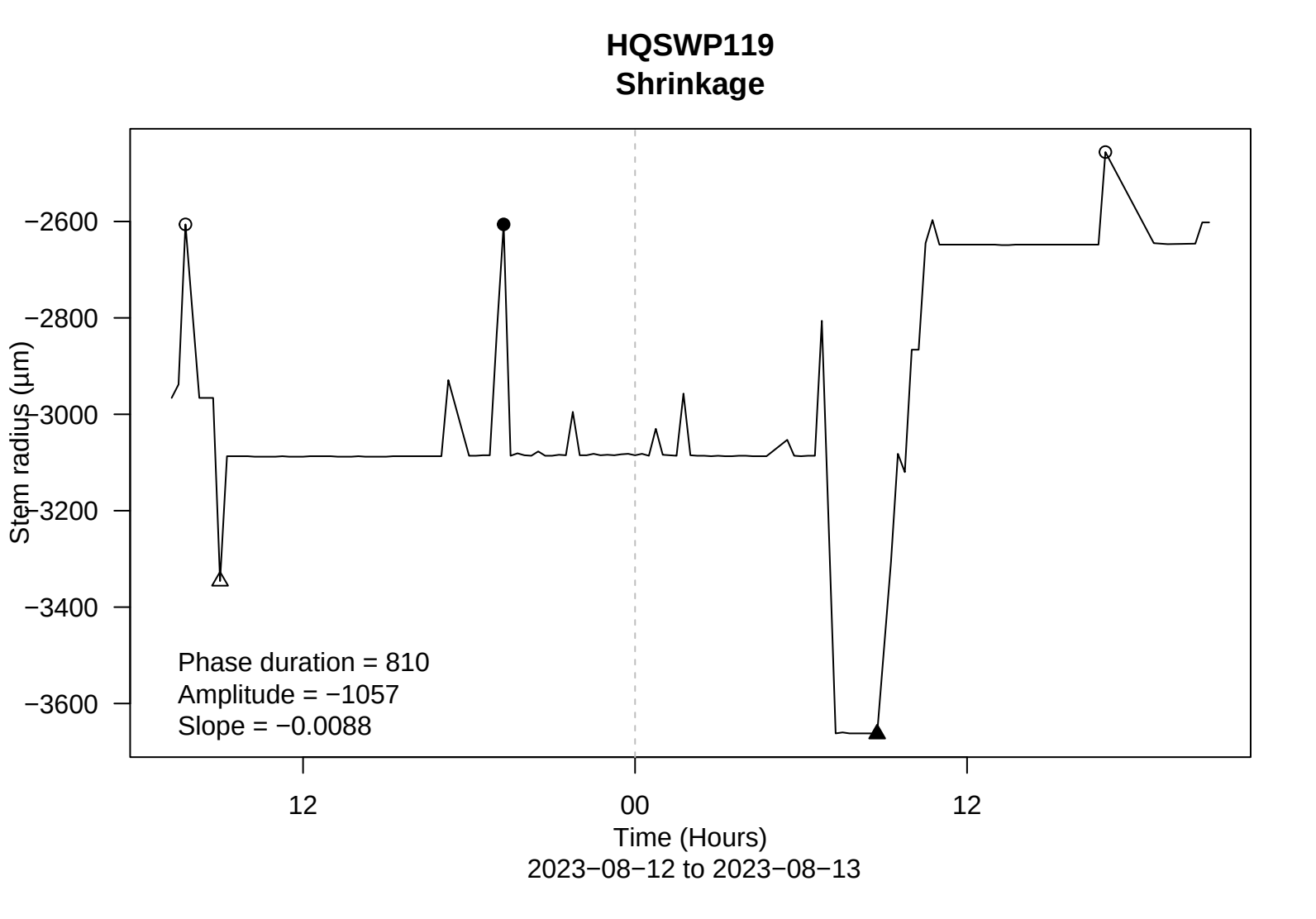

HQSWP119
Shrinkage
0
−500
−1000
−1500
−2000
−2500
−3000
Stem radius (µm)
Phase duration = 1005
Amplitude = −3251
Slope = −0.0405
12
00
12
Time (Hours)
2023−08−10 to 2023−08−11

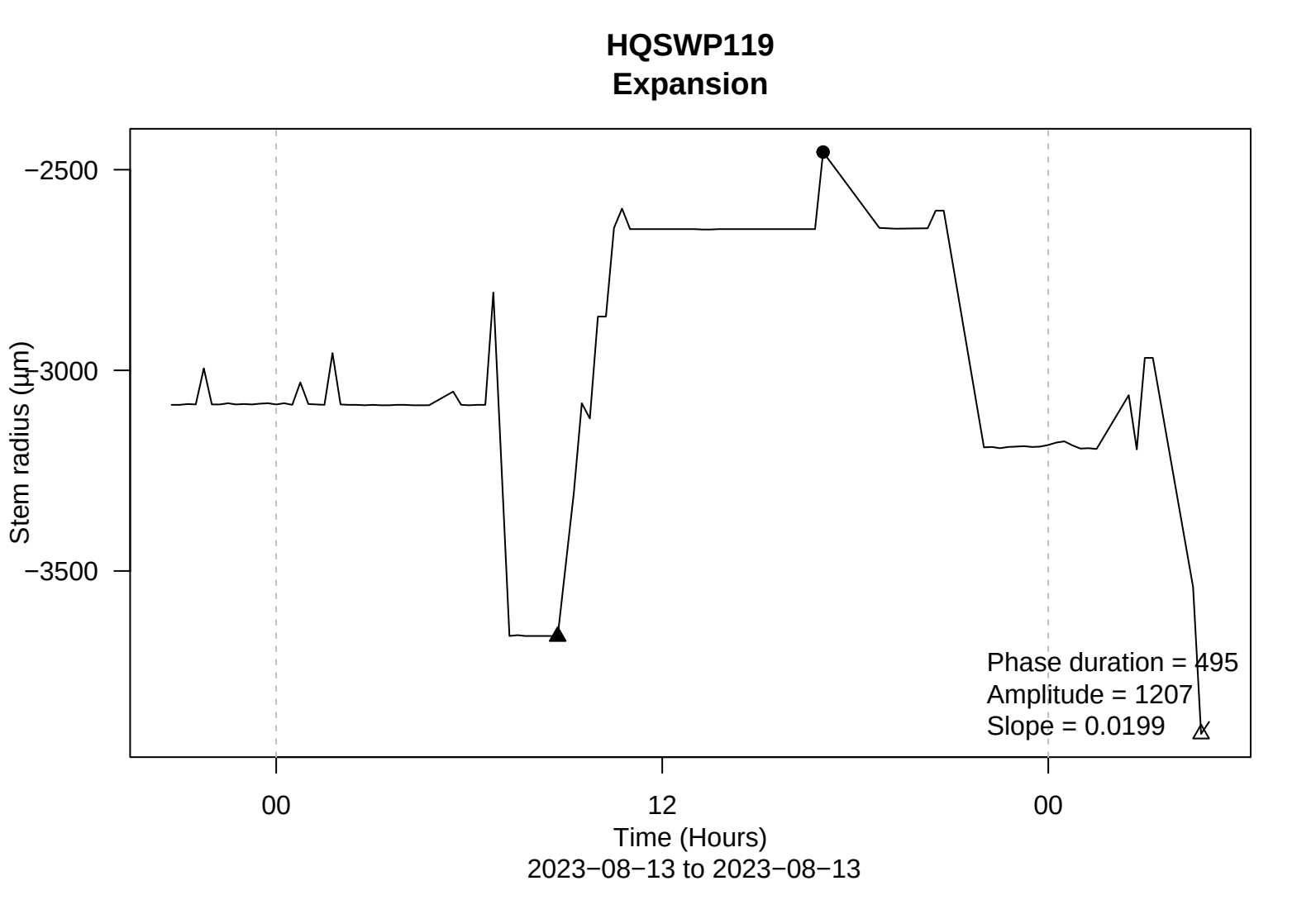

HQSWP119
Expansion
−1500
−2000
−2500
−3000
Stem radius (µm)
Phase duration = 570
Amplitude = 43
Slope = 2e−04
00
12
00
Time (Hours)
2023−08−11 to 2023−08−11

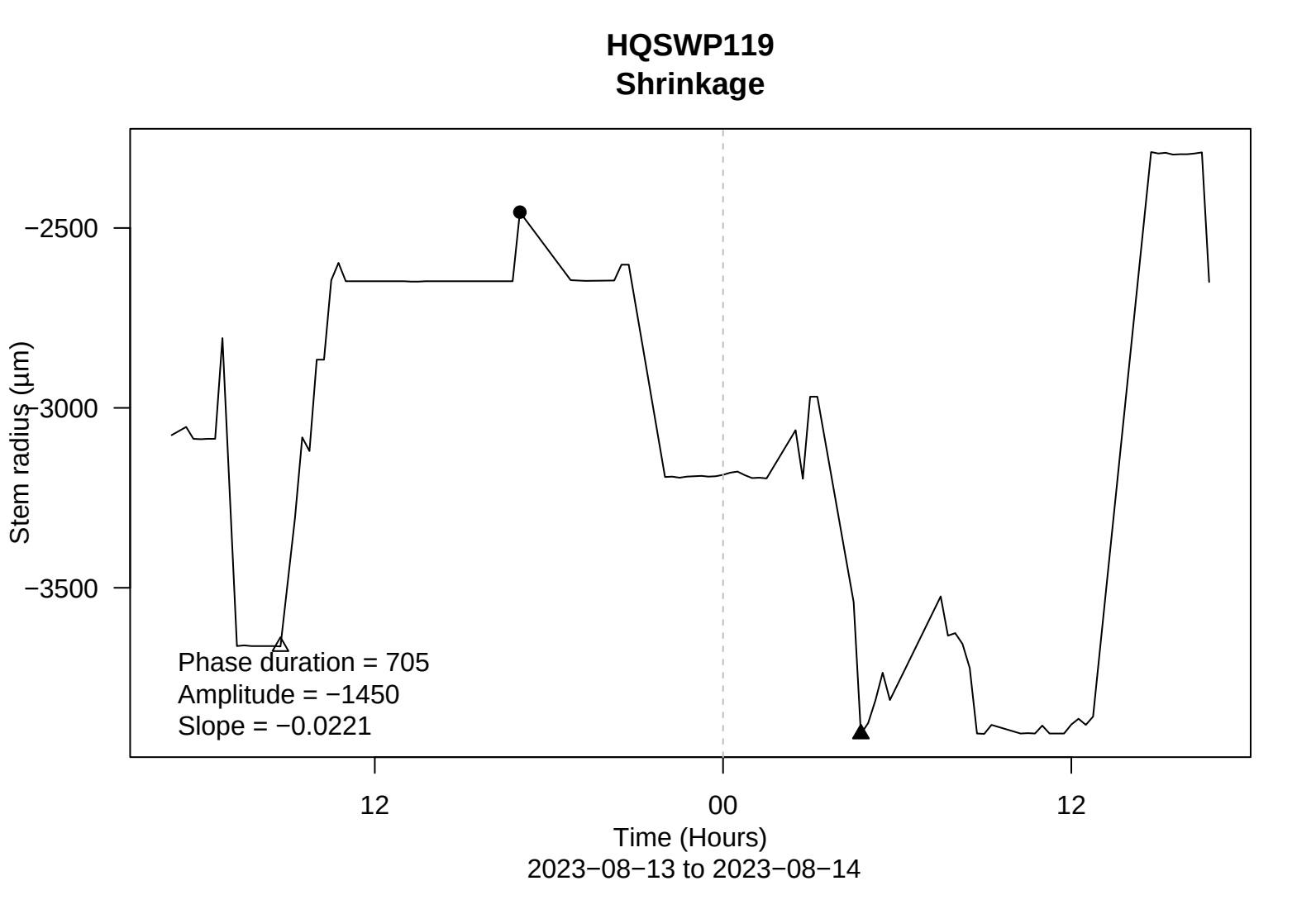

HQSWP119
Shrinkage
−2600
−2800
−3000
−3200
Stem radius (µm)
Phase duration = 405
Amplitude = −42
Slope = −0.0015
12
18
00
06
12
Time (Hours)
2023−08−11 to 2023−08−12

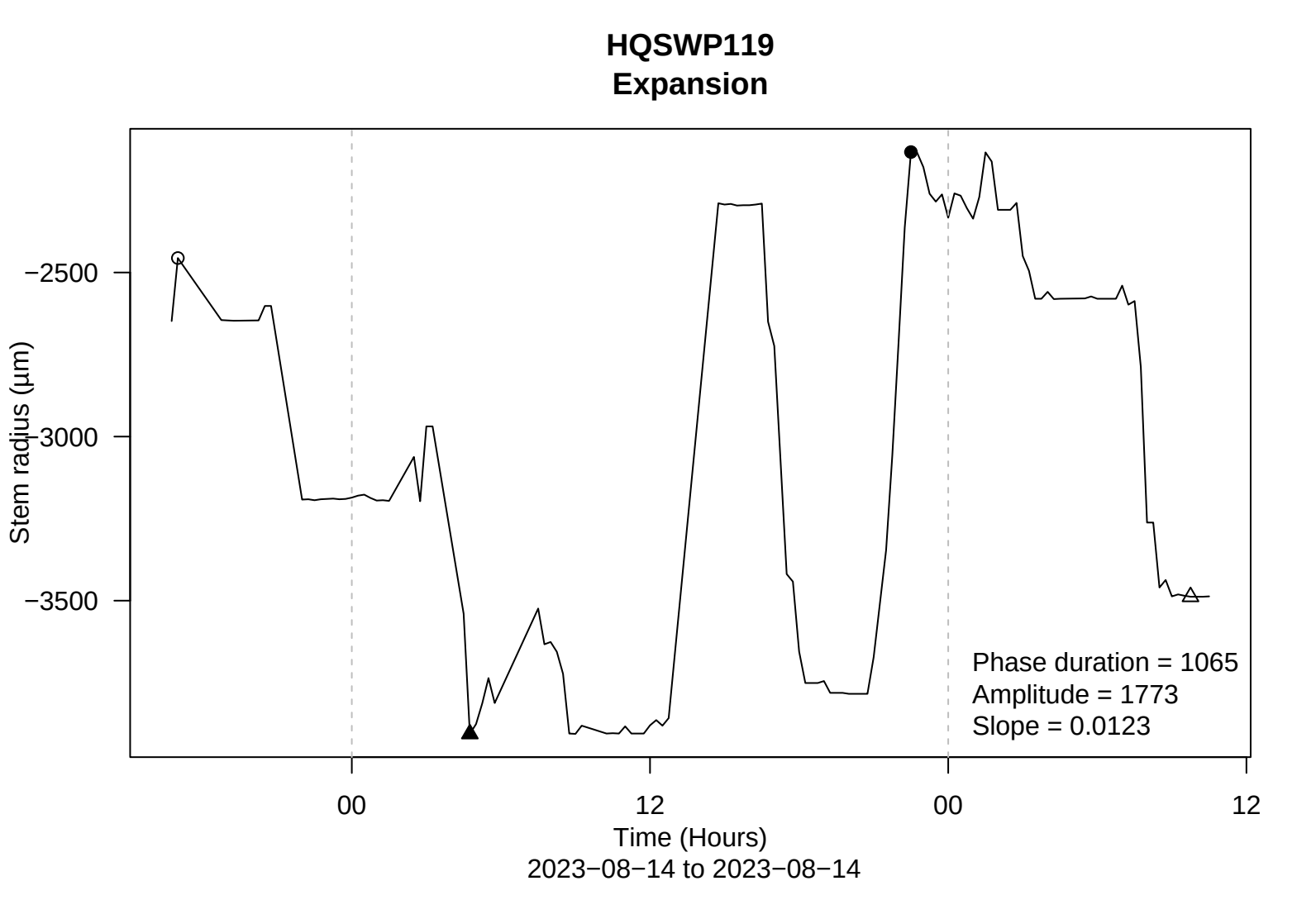

HQSWP119
Expansion
−2600
−2800
−3000
−3200
Stem radius (µm)
Phase duration = 345
Amplitude = 360
Slope = 0.0049
18
00
06
12
18
Time (Hours)
2023−08−12 to 2023−08−12

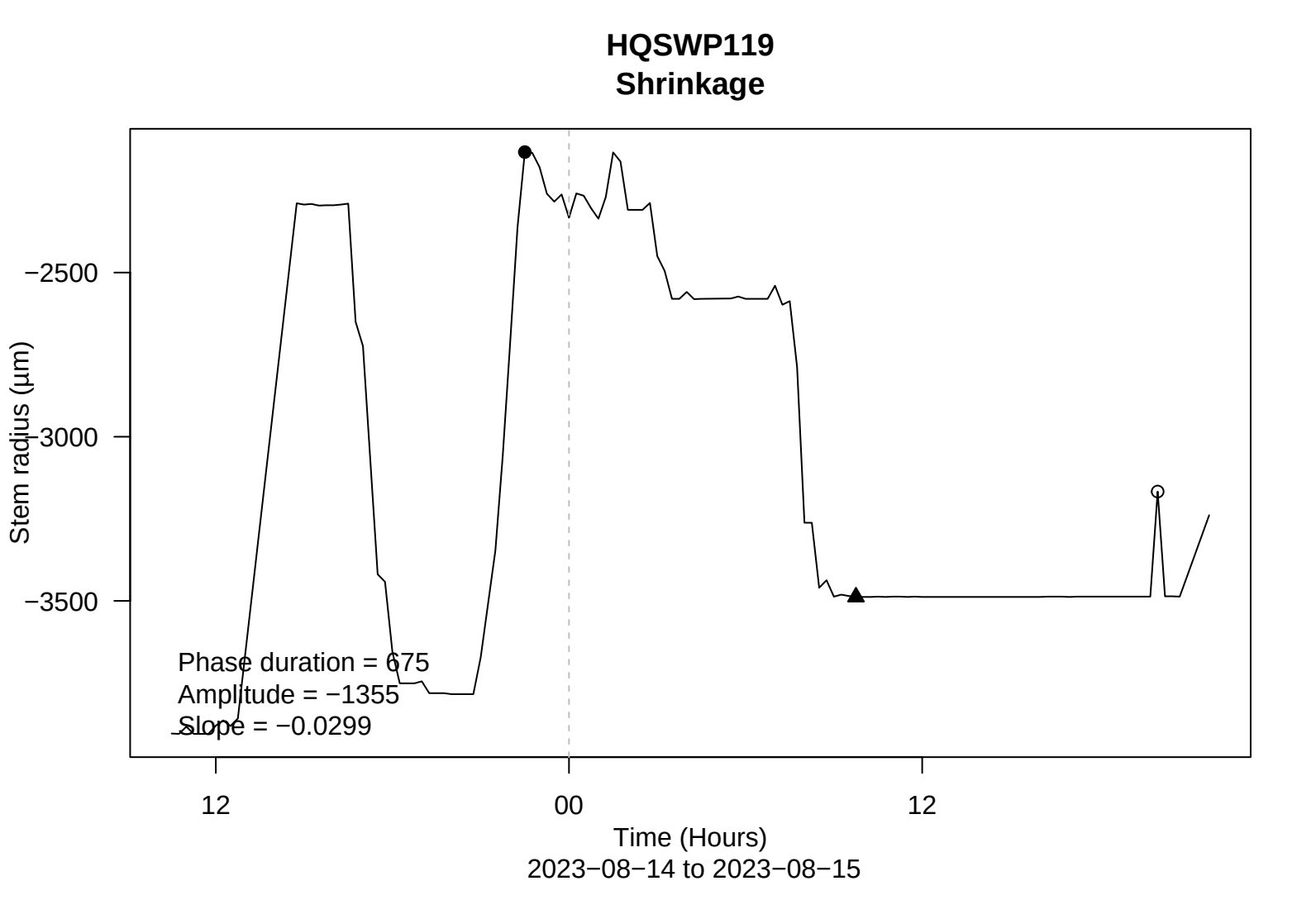

HQSWP119
Expansion
−2600
−2800
−3000
−3200
−3400
−3600
Stem radius (µm)
Phase duration = 615
Amplitude = 740
Slope = 0.0044
00
12
00
Time (Hours)
2023−08−12 to 2023−08−12

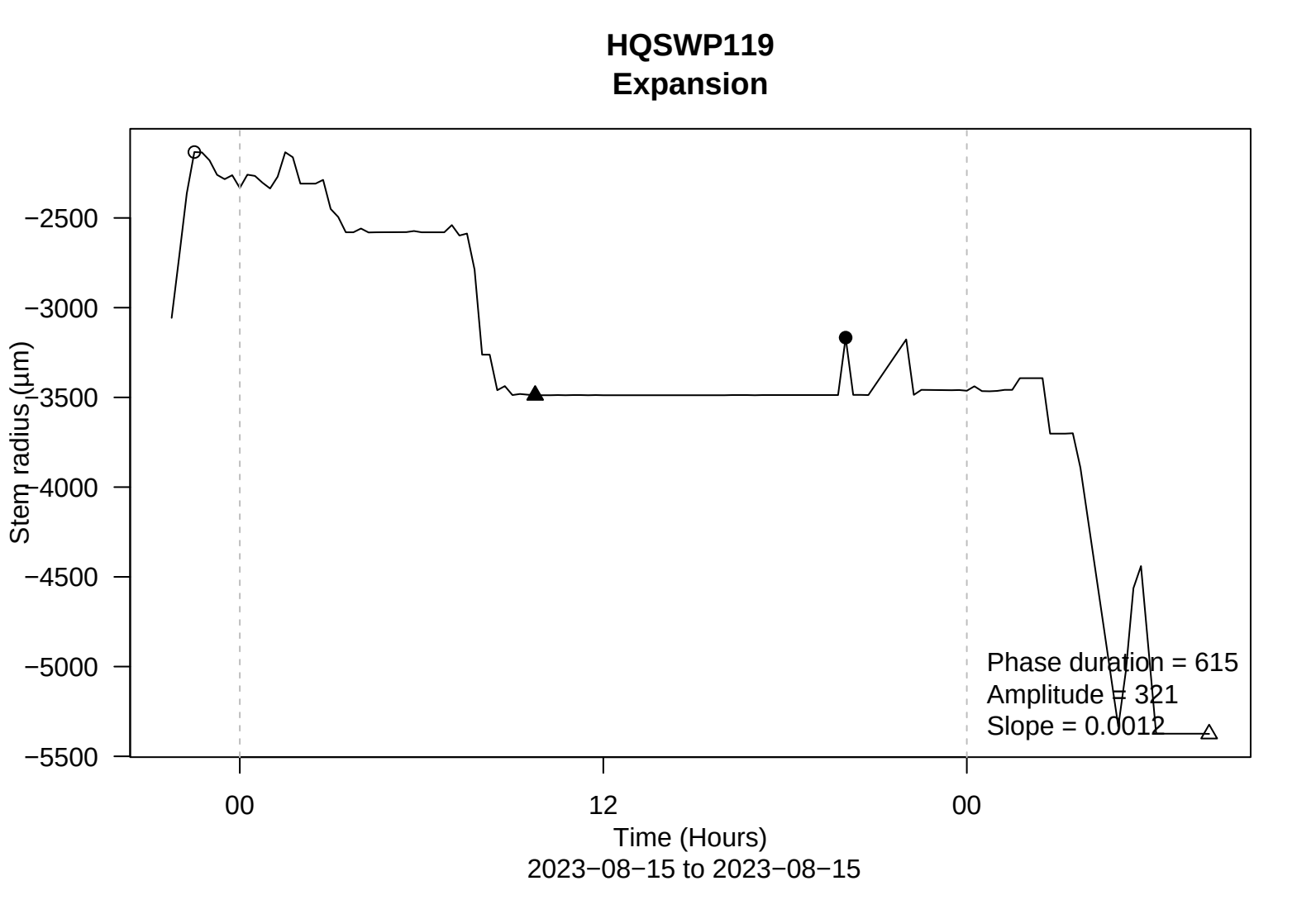

HQSWP119
Shrinkage
−2600
−2800
−3000
−3200
−3400
−3600
Stem radius (µm)
Phase duration = 810
Amplitude = −1057
Slope = −0.0088
12
00
12
Time (Hours)
2023−08−12 to 2023−08−13

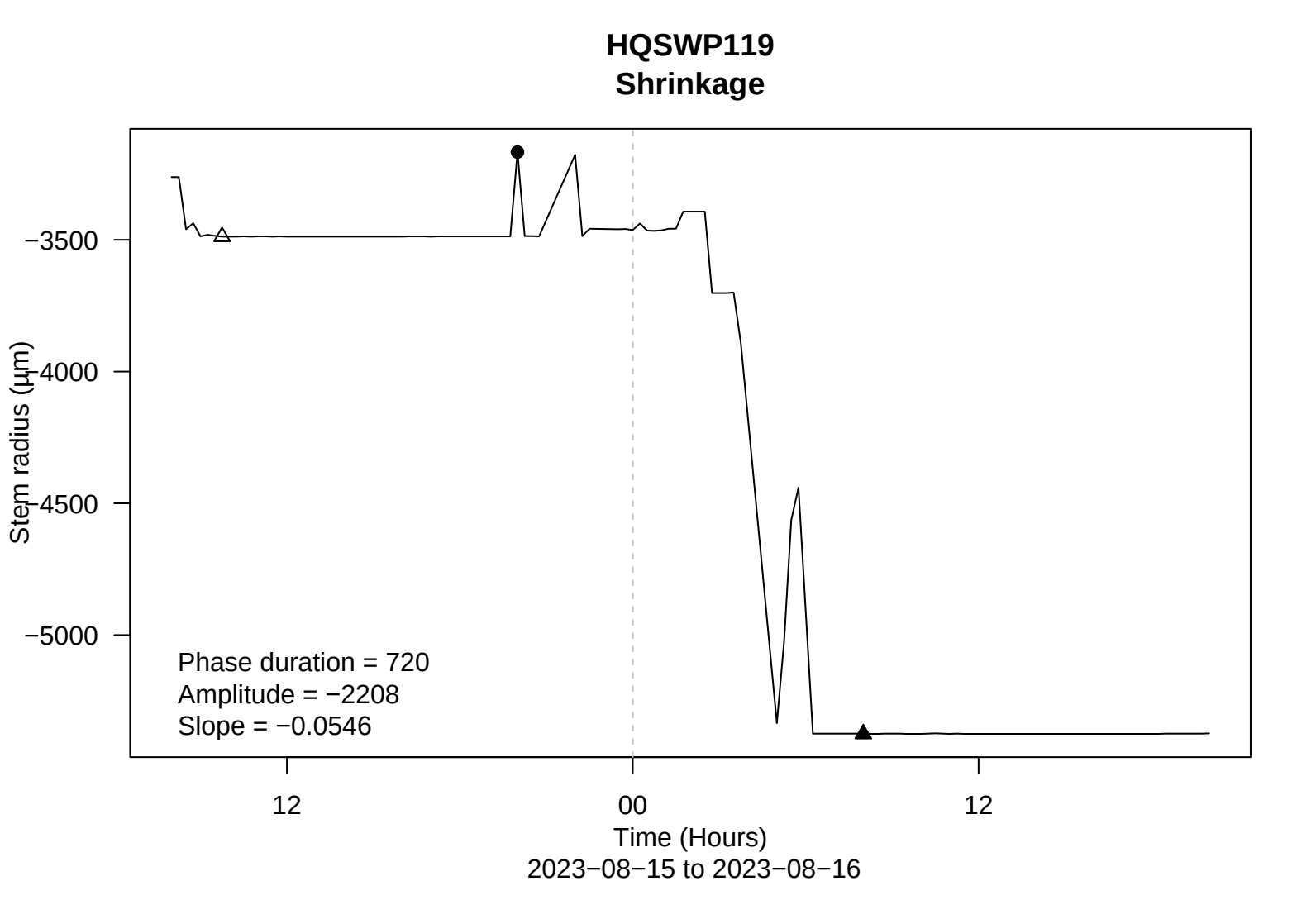

HQSWP119
Expansion
−2500
−3000
−3500
Stem radius (µm)
Phase duration = 495
Amplitude = 1207
Slope = 0.0199
00
12
00
Time (Hours)
2023−08−13 to 2023−08−13

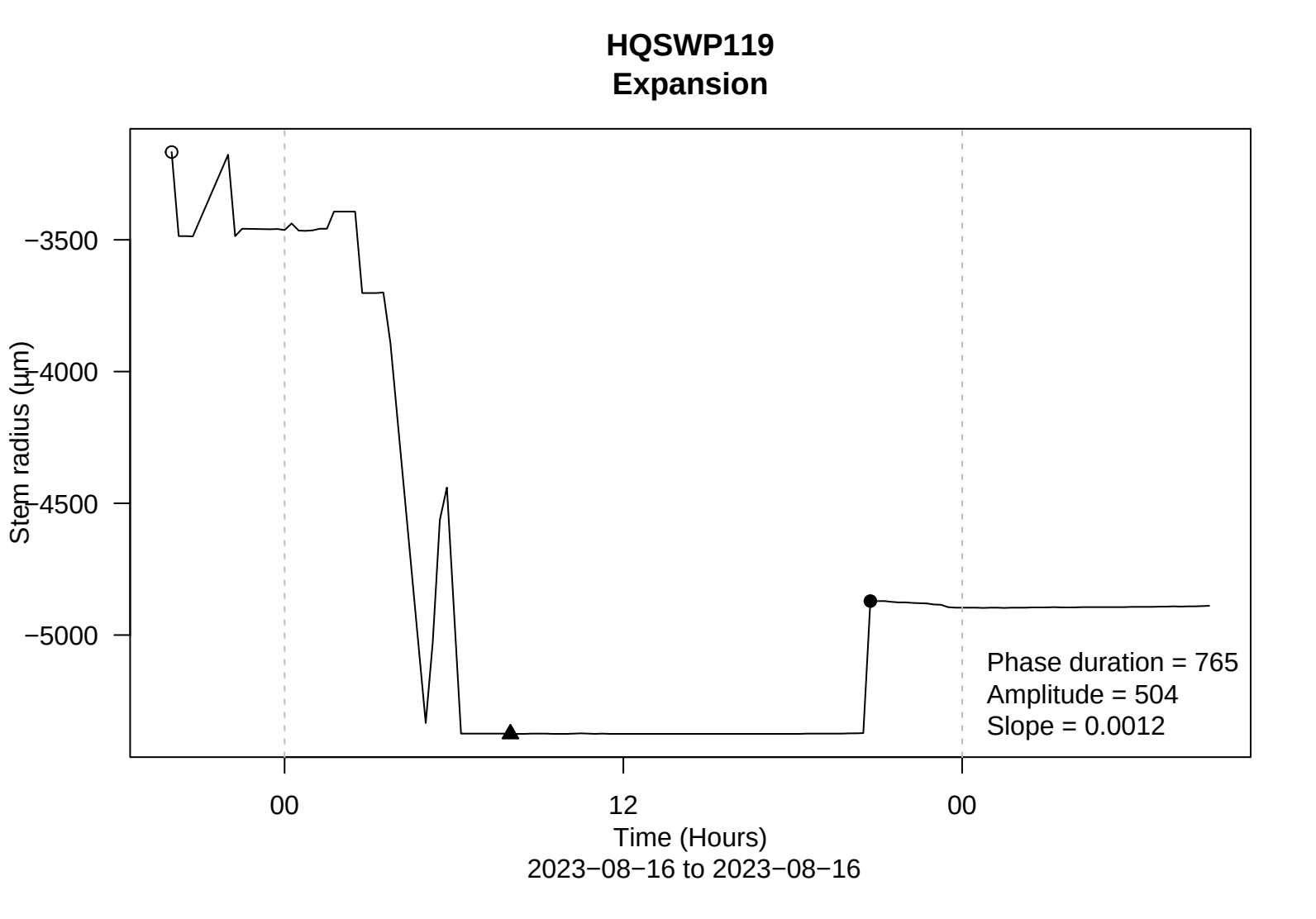

HQSWP119
Shrinkage
−2500
−3000
−3500
Stem radius (µm)
Phase duration = 705
Amplitude = −1450
Slope = −0.0221
12
00
12
Time (Hours)
2023−08−13 to 2023−08−14

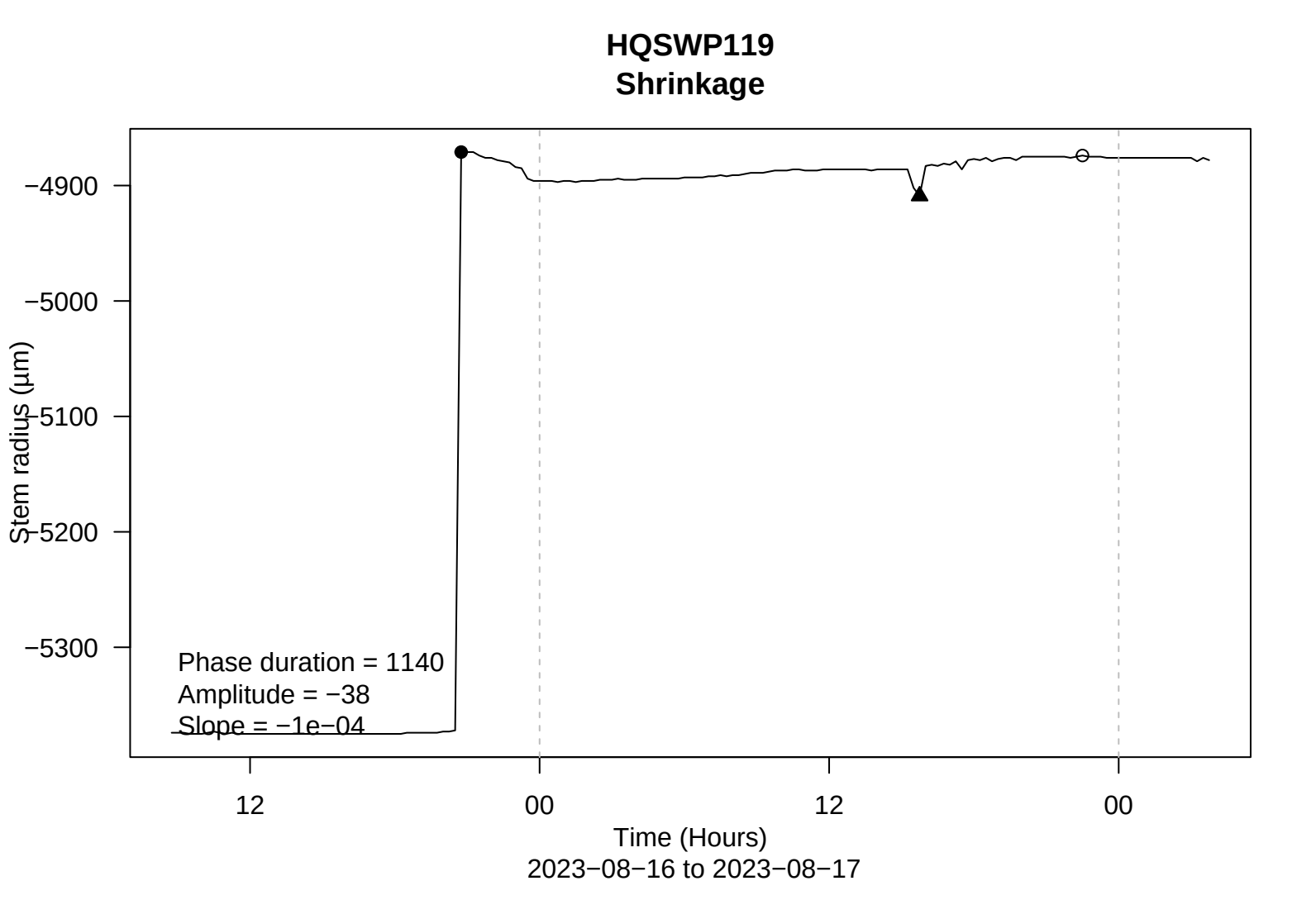

HQSWP119
Expansion
−2500
−3000
−3500
Stem radius (µm)
00
12
00
12
Time (Hours)
2023−08−14 to 2023−08−14
Phase duration = 1065
Amplitude = 1773
Slope = 0.0123

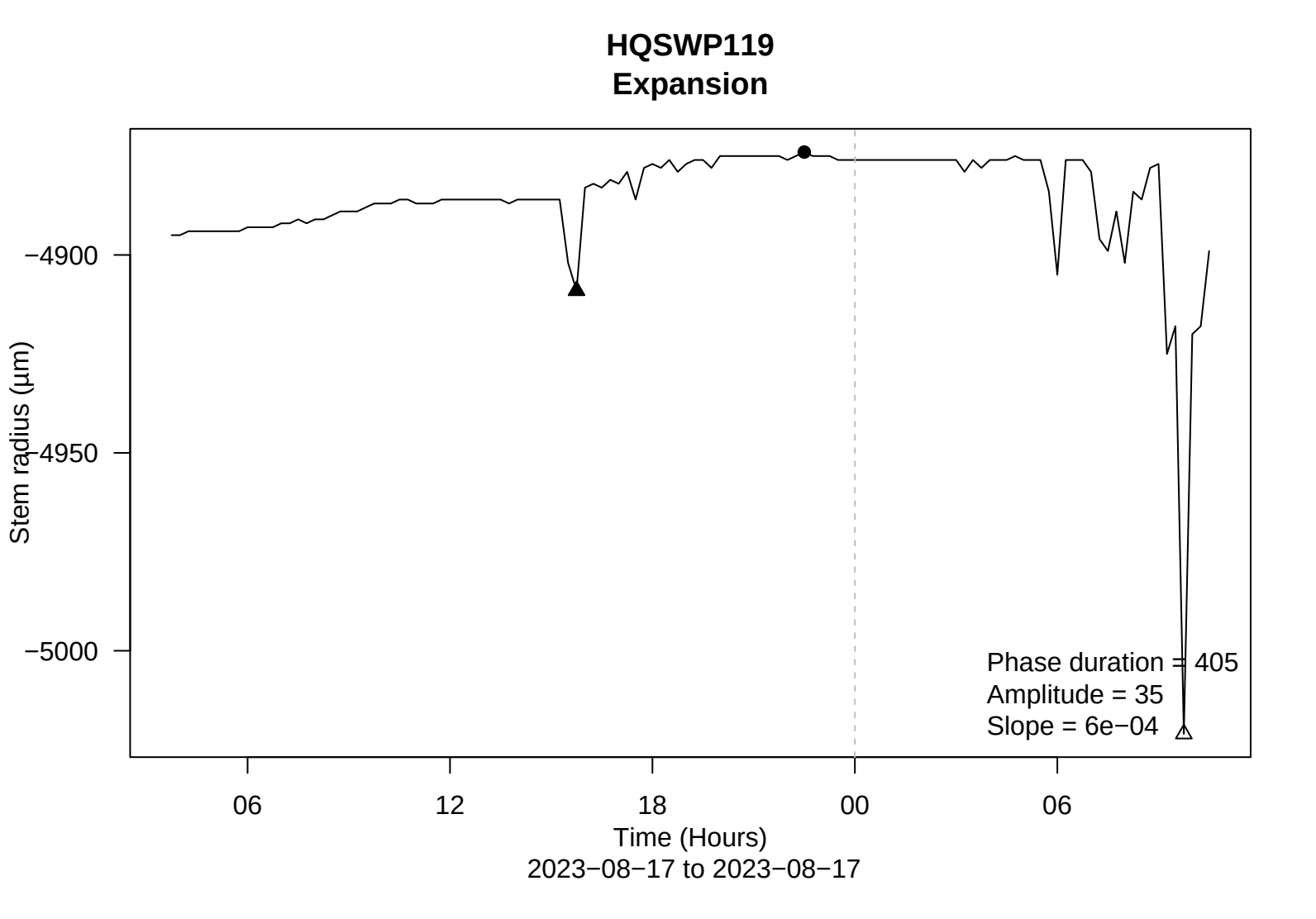

HQSWP119
Shrinkage
−2500
−3000
−3500
Stem radius (µm)
Phase duration = 675
Amplitude = −1355
Slope = −0.0299
12
00
12
Time (Hours)
2023−08−14 to 2023−08−15

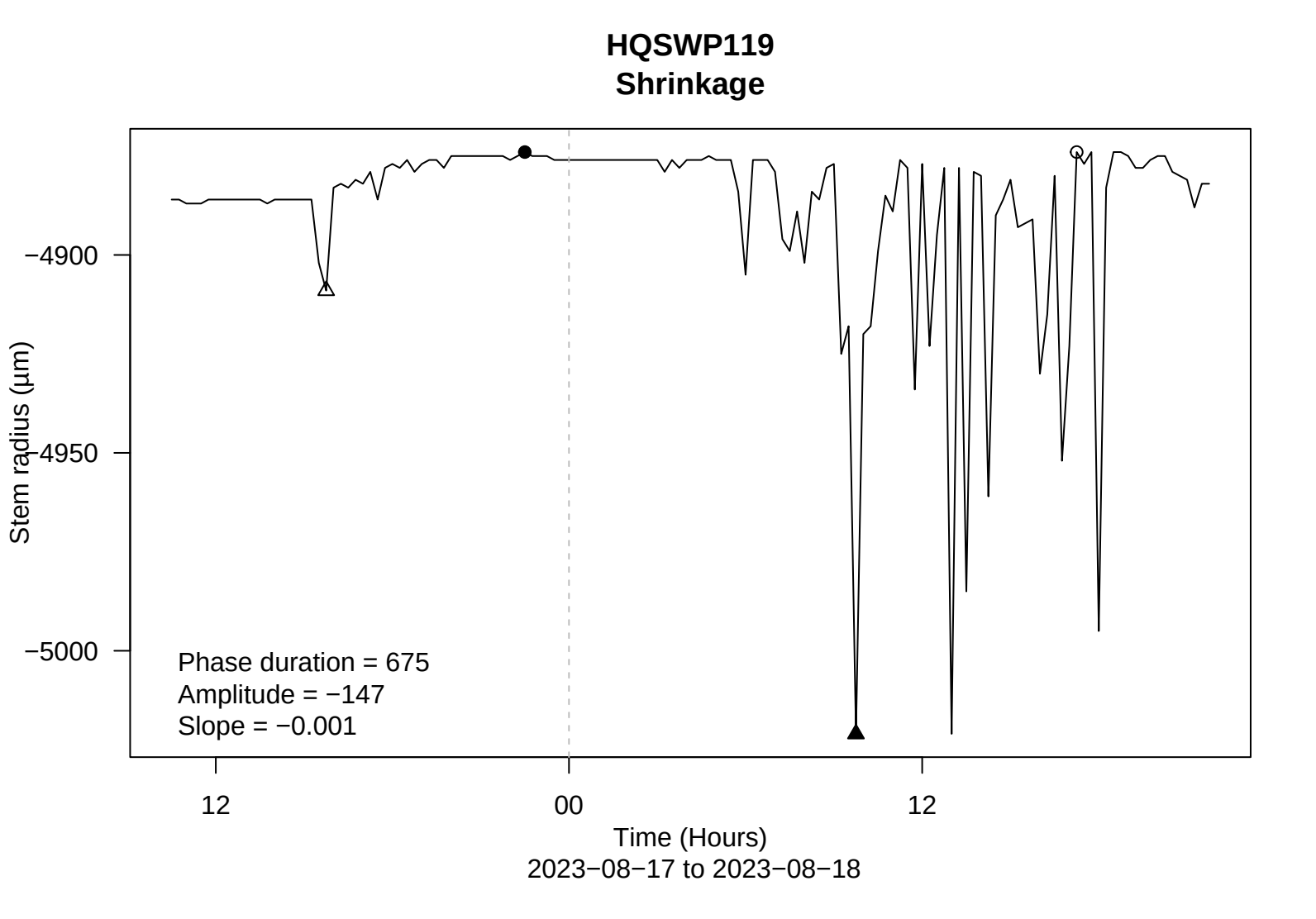

HQSWP119
Expansion
−2500
−3000
−3500
−4000
−4500
−5000
−5500
Stem radius (µm)
Phase duration = 615
Amplitude = 321
Slope = 0.0012
00
12
00
Time (Hours)
2023−08−15 to 2023−08−15

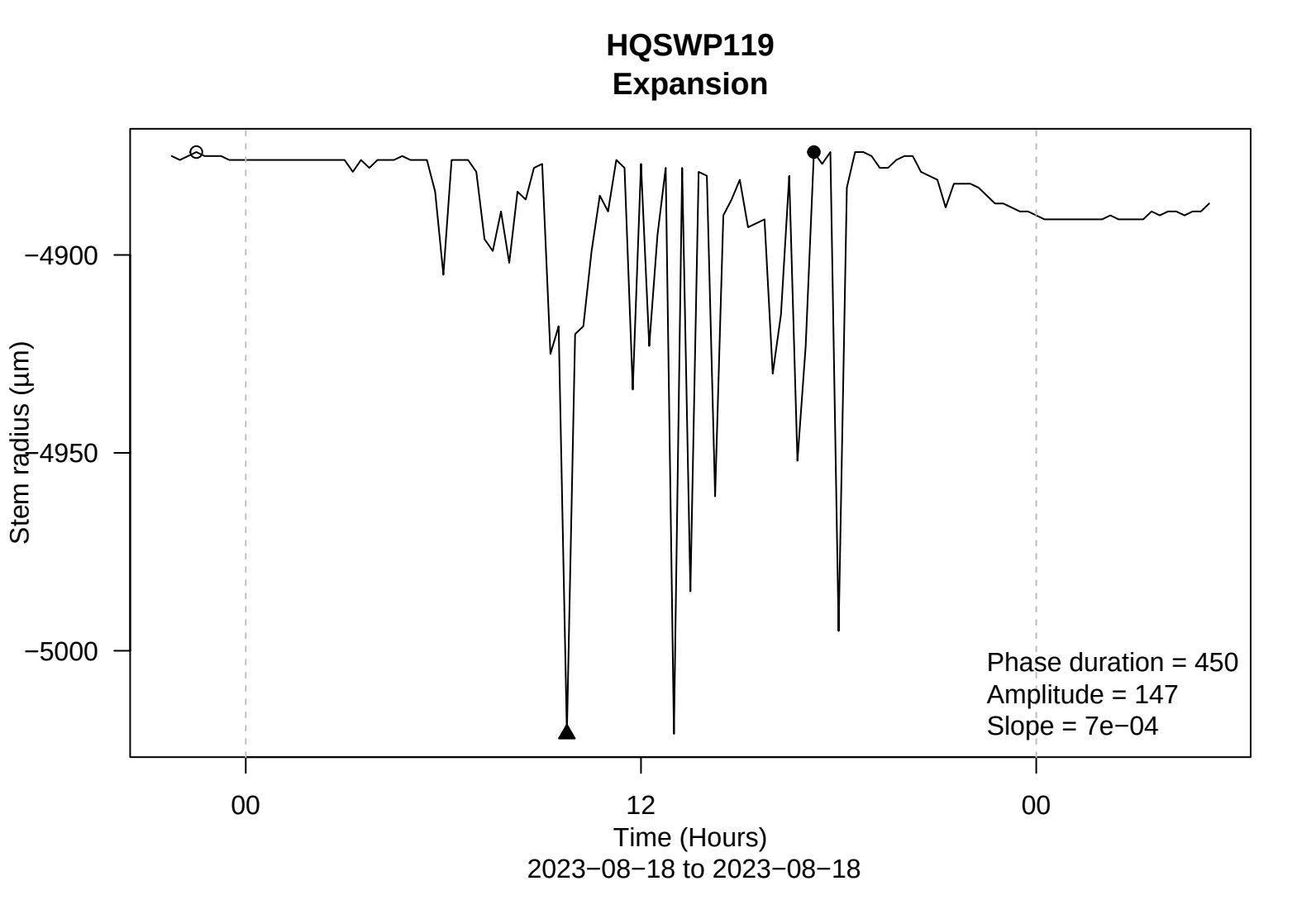

HQSWP119
Shrinkage
−3500
−4000
−4500
−5000
Stem radius (µm)
Phase duration = 720
Amplitude = −2208
Slope = −0.0546
12
00
12
Time (Hours)
2023−08−15 to 2023−08−16

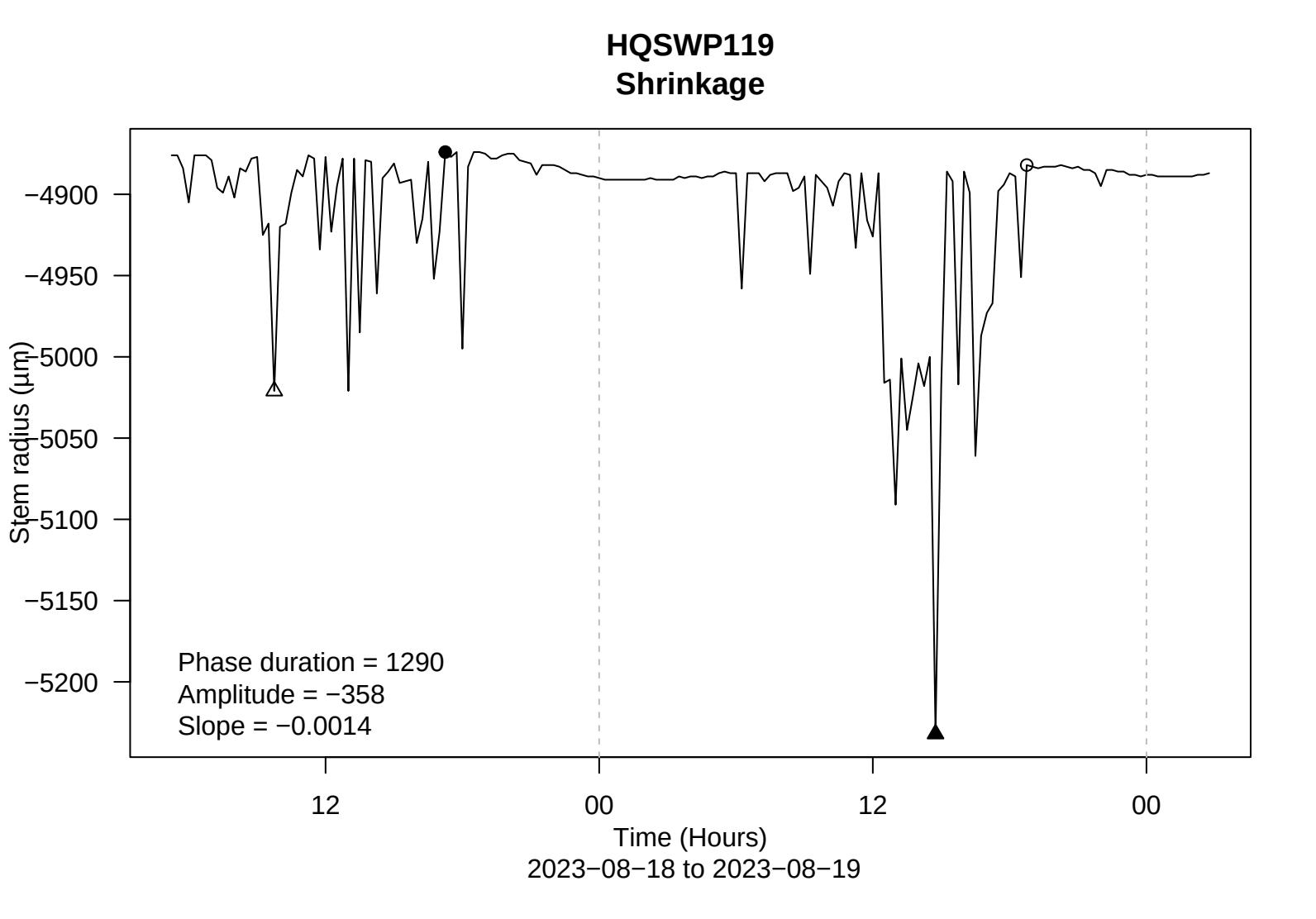

HQSWP119
Expansion
−3500
−4000
−4500
−5000
Stem radius (µm)
00
12
00
Time (Hours)
2023−08−16 to 2023−08−16
Phase duration = 765
Amplitude = 504
Slope = 0.0012

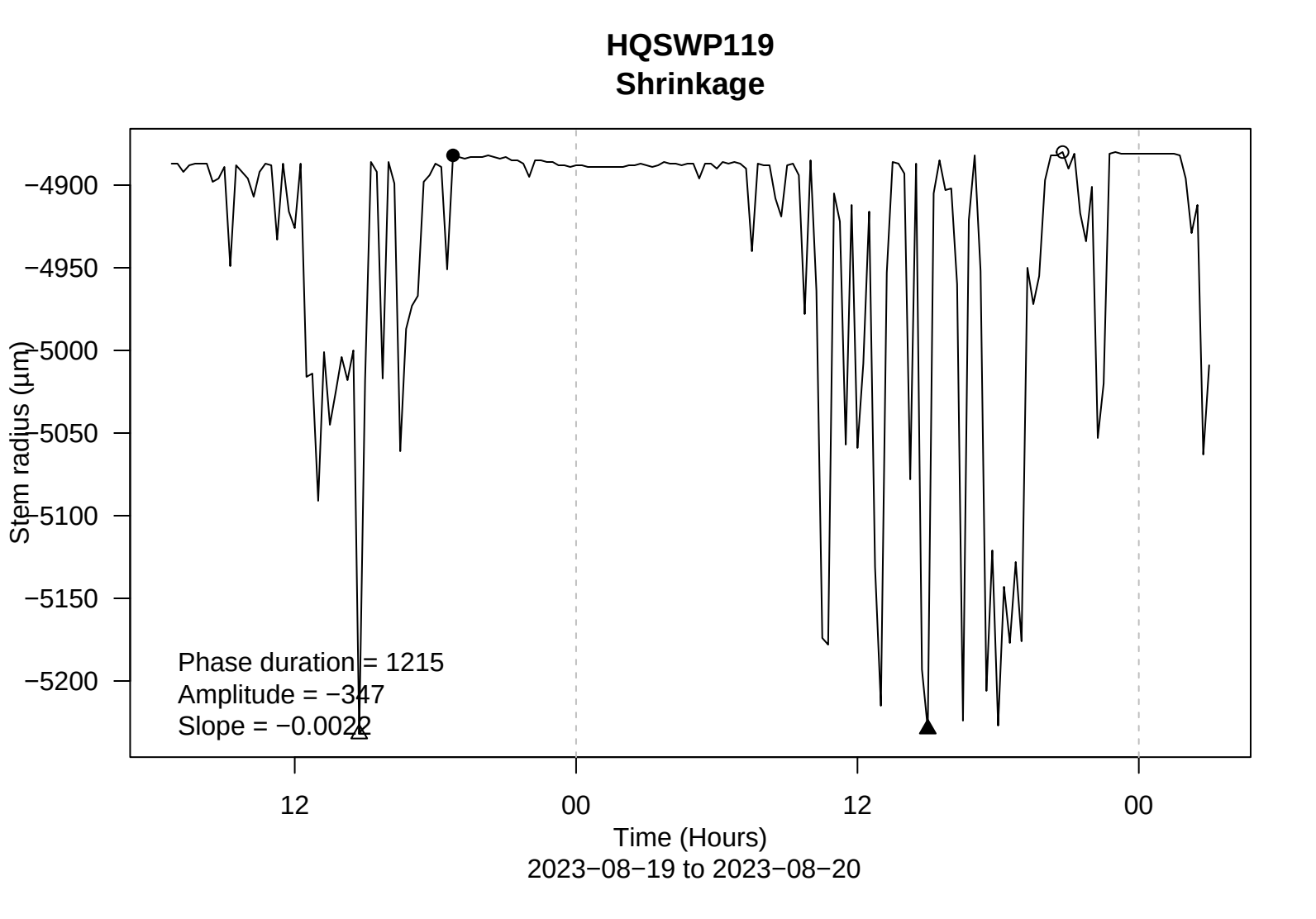

HQSWP119
Shrinkage
−4900
−5000
−5100
−5200
−5300
Stem radius (µm)
Phase duration = 1140
Amplitude = −38
Slope = −1e−04
12
00
12
00
Time (Hours)
2023−08−16 to 2023−08−17

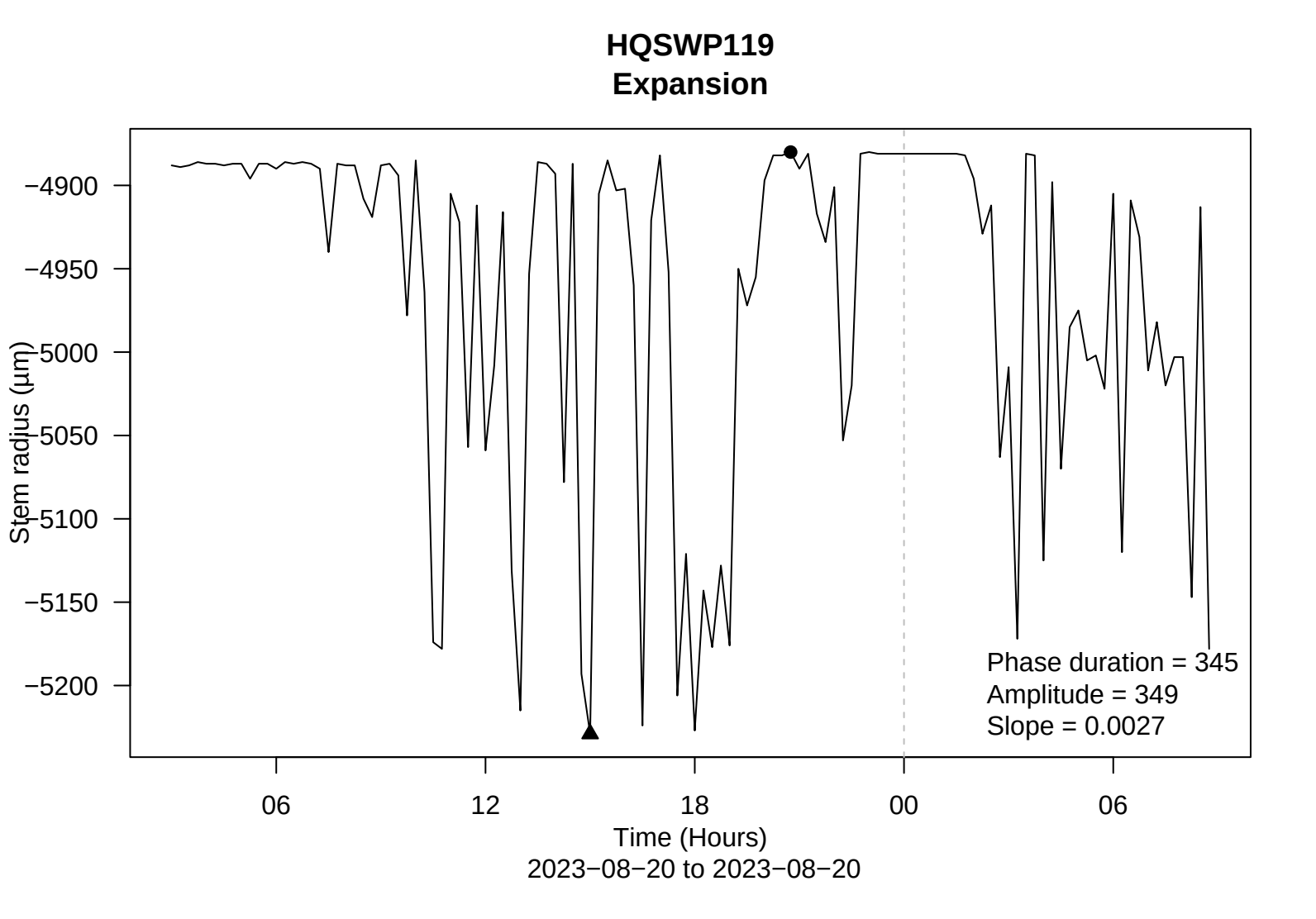

HQSWP119
Expansion
−4900
−4950
−5000
Stem radius (µm)
Phase duration = 405
Amplitude = 35
Slope = 6e−04
06
12
18
00
06
Time (Hours)
2023−08−17 to 2023−08−17

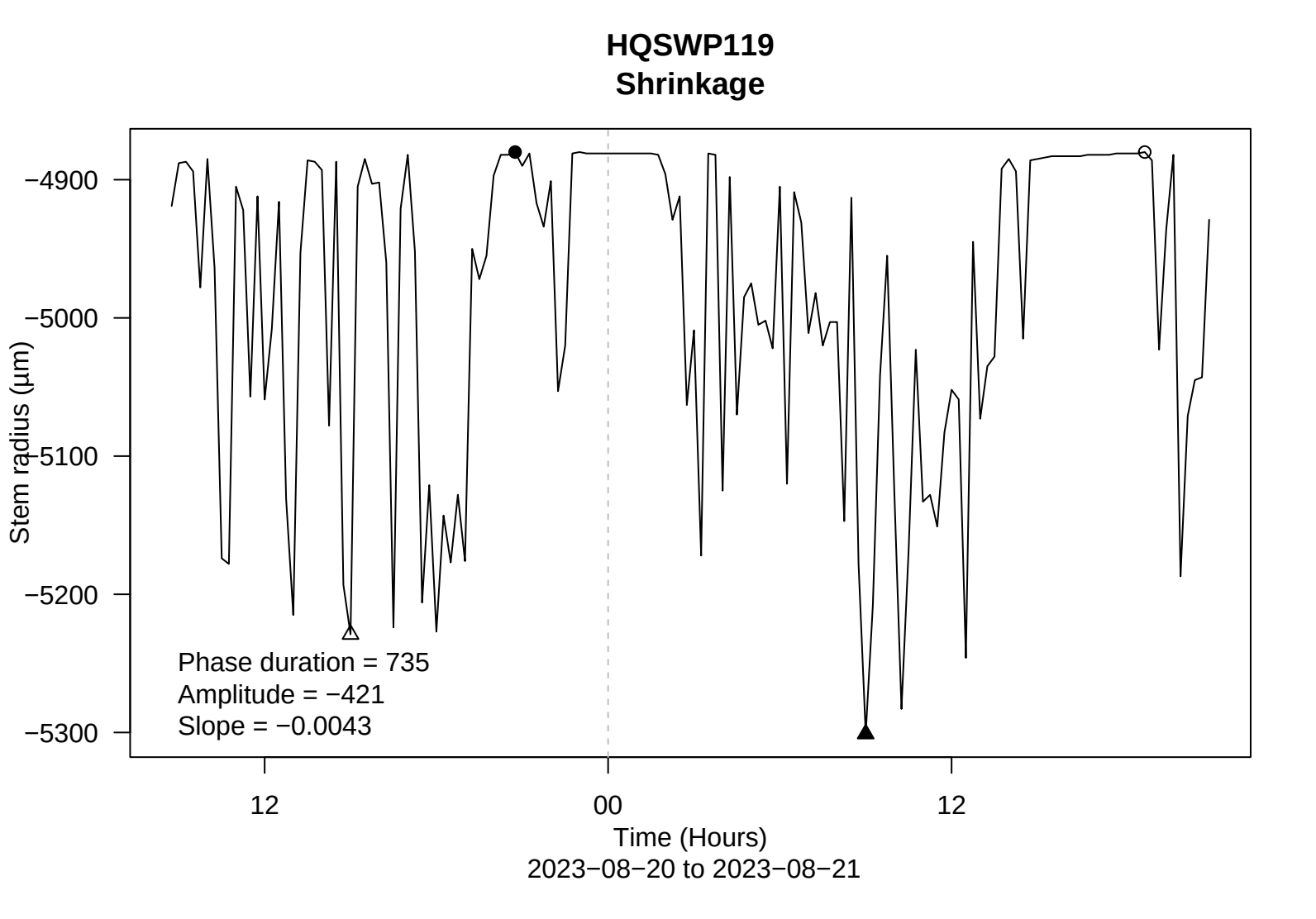

HQSWP119
Shrinkage
−4900
−4950
−5000
Stem radius (µm)
Phase duration = 675
Amplitude = −147
Slope = −0.001
12
00
12
Time (Hours)
2023−08−17 to 2023−08−18

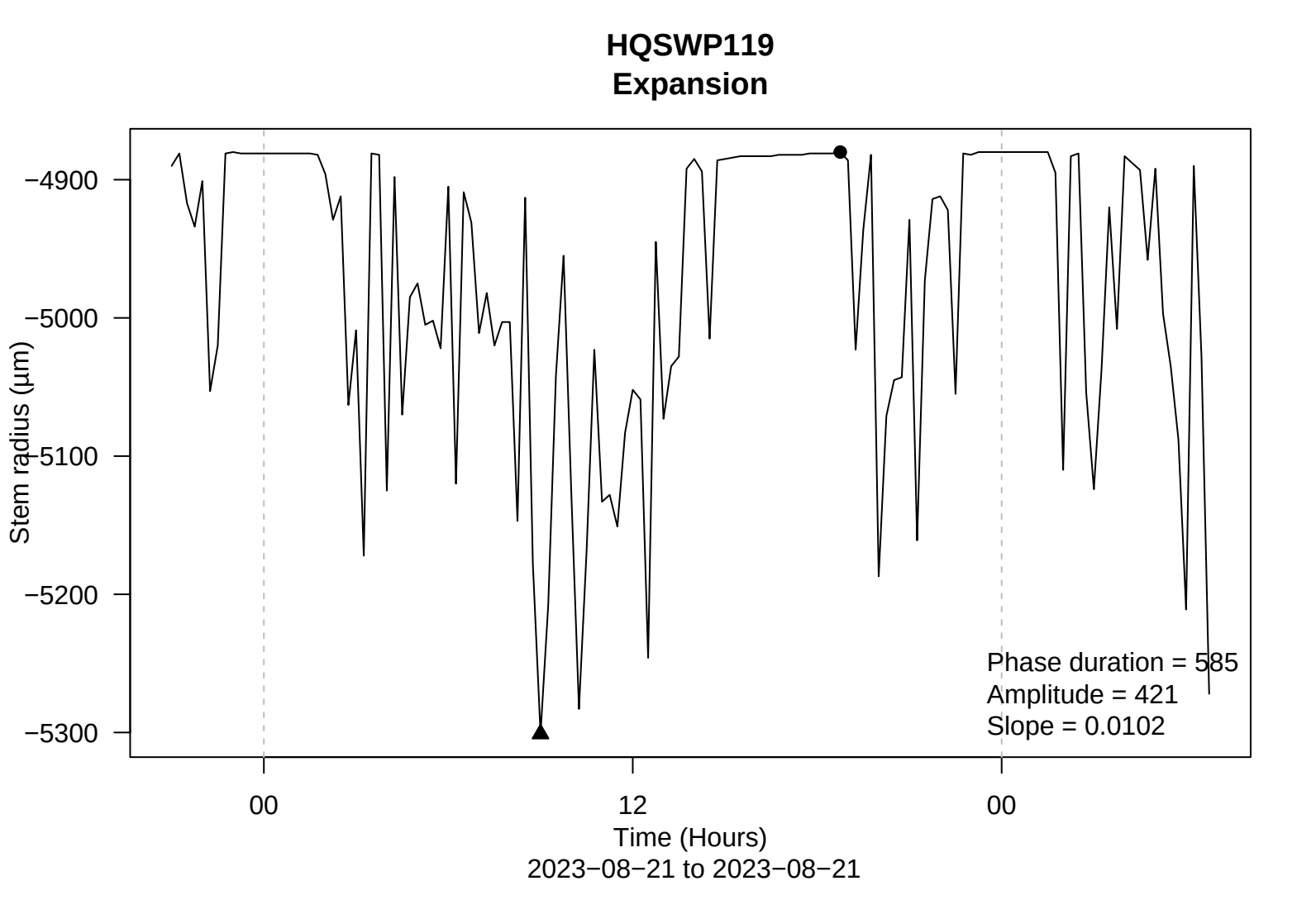

HQSWP119
Expansion
−4900
−4950
−5000
Stem radius (µm)
Phase duration = 450
Amplitude = 147
Slope = 7e−04
00
12
00
Time (Hours)
2023−08−18 to 2023−08−18

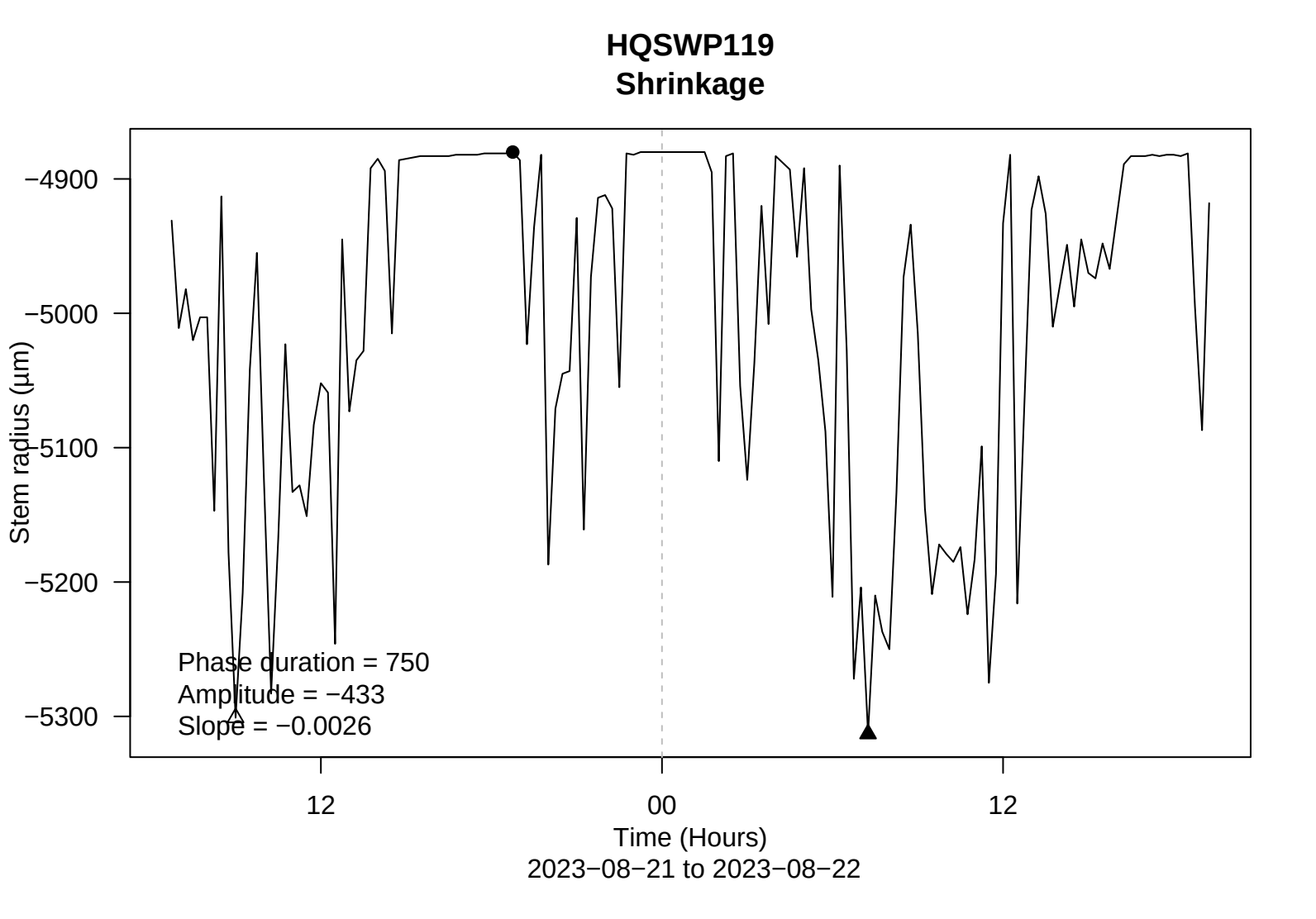

HQSWP119
Shrinkage
−4900
−4950
−5000
−5050
−5100
−5150
−5200
Stem radius (µm)
Phase duration = 1290
Amplitude = −358
Slope = −0.0014
12
00
12
00
Time (Hours)
2023−08−18 to 2023−08−19

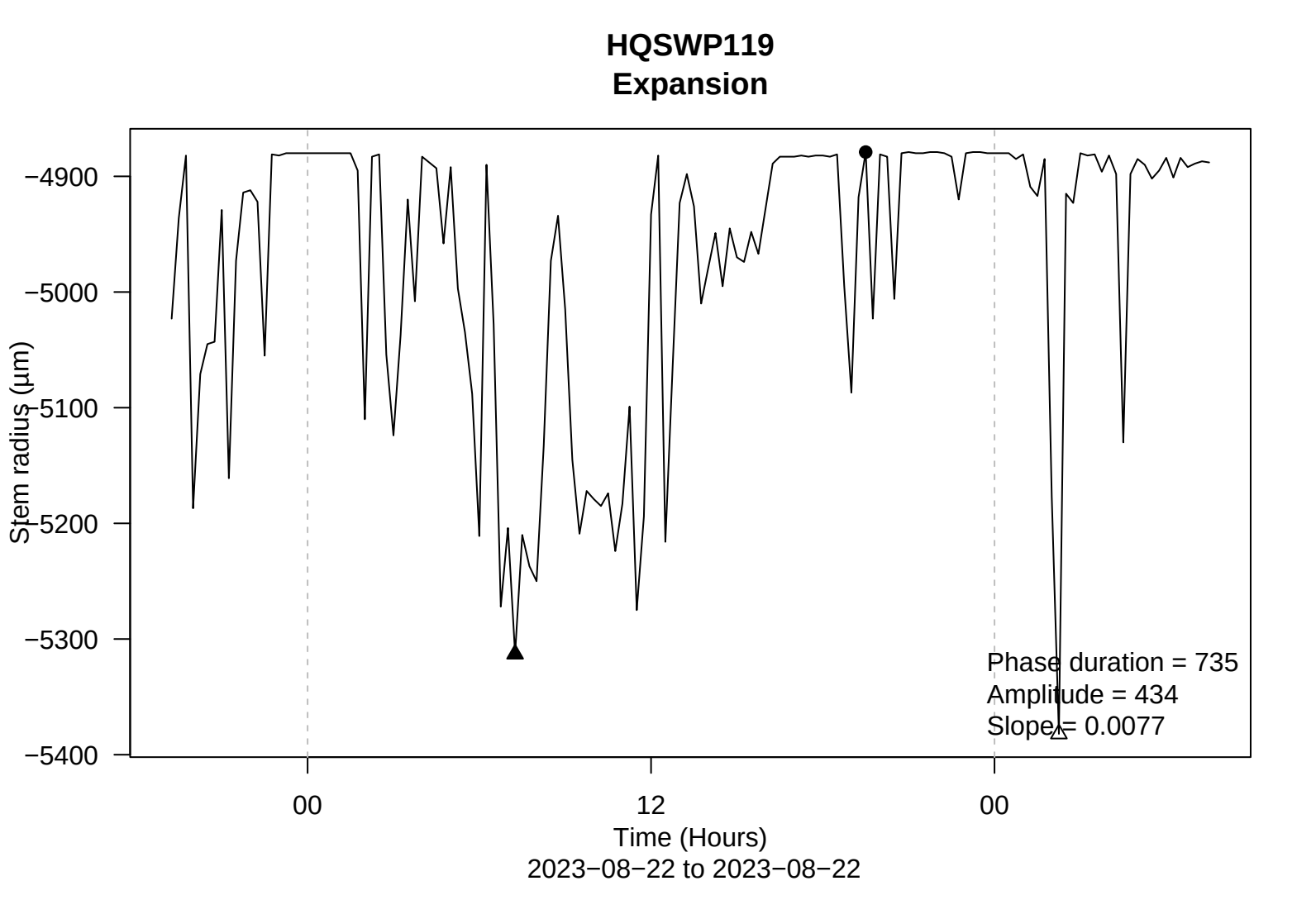

HQSWP119
Shrinkage
−4900
−4950
−5000
−5050
−5100
−5150
−5200
Stem radius (µm)
Phase duration = 1215
Amplitude = −347
Slope = −0.0022
12
00
12
00
Time (Hours)
2023−08−19 to 2023−08−20

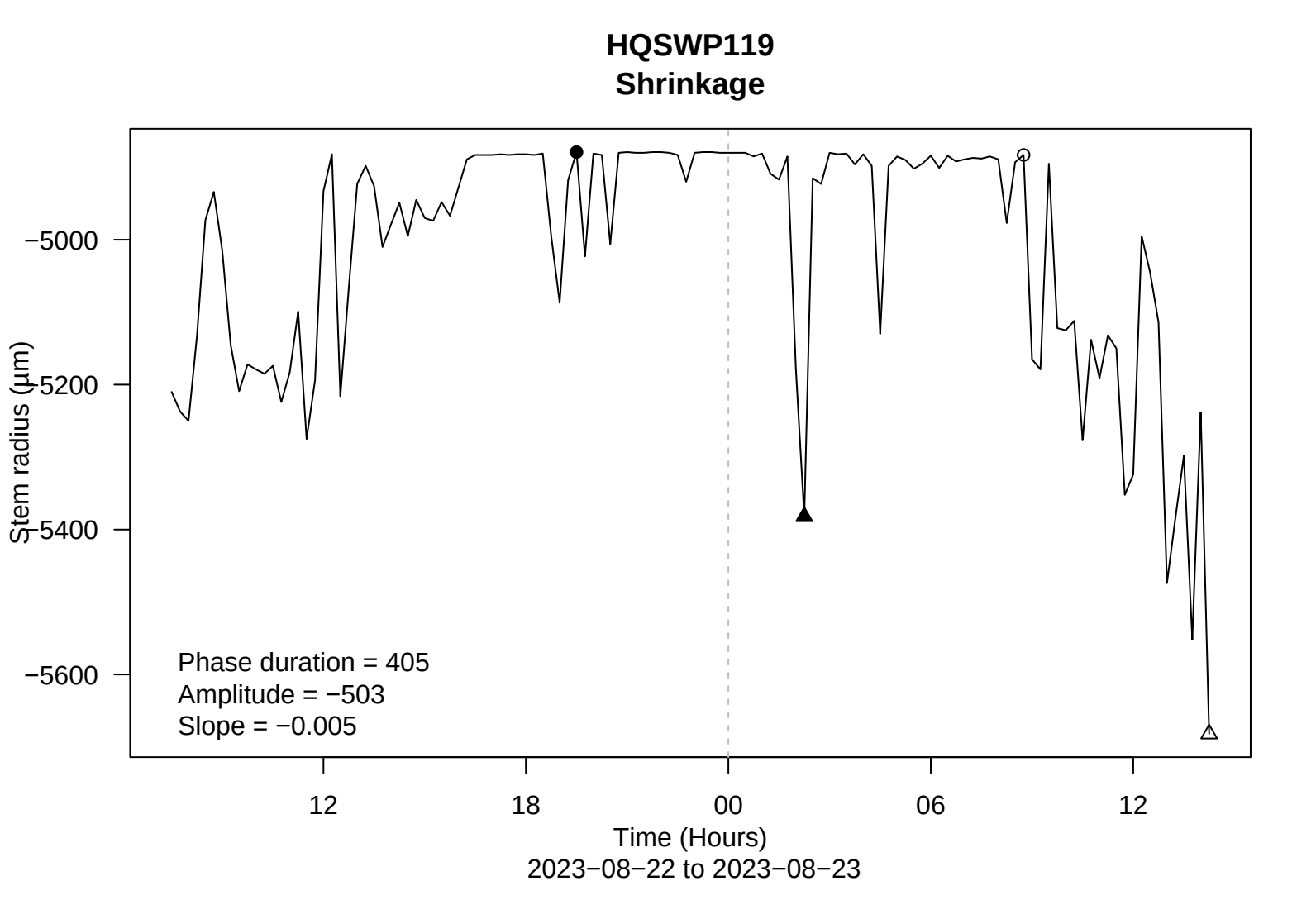

HQSWP119
Expansion
−4900
−4950
−5000
−5050
−5100
−5150
−5200
Stem radius (µm)
Phase duration = 345
Amplitude = 349
Slope = 0.0027
06
12
18
00
06
Time (Hours)
2023−08−20 to 2023−08−20

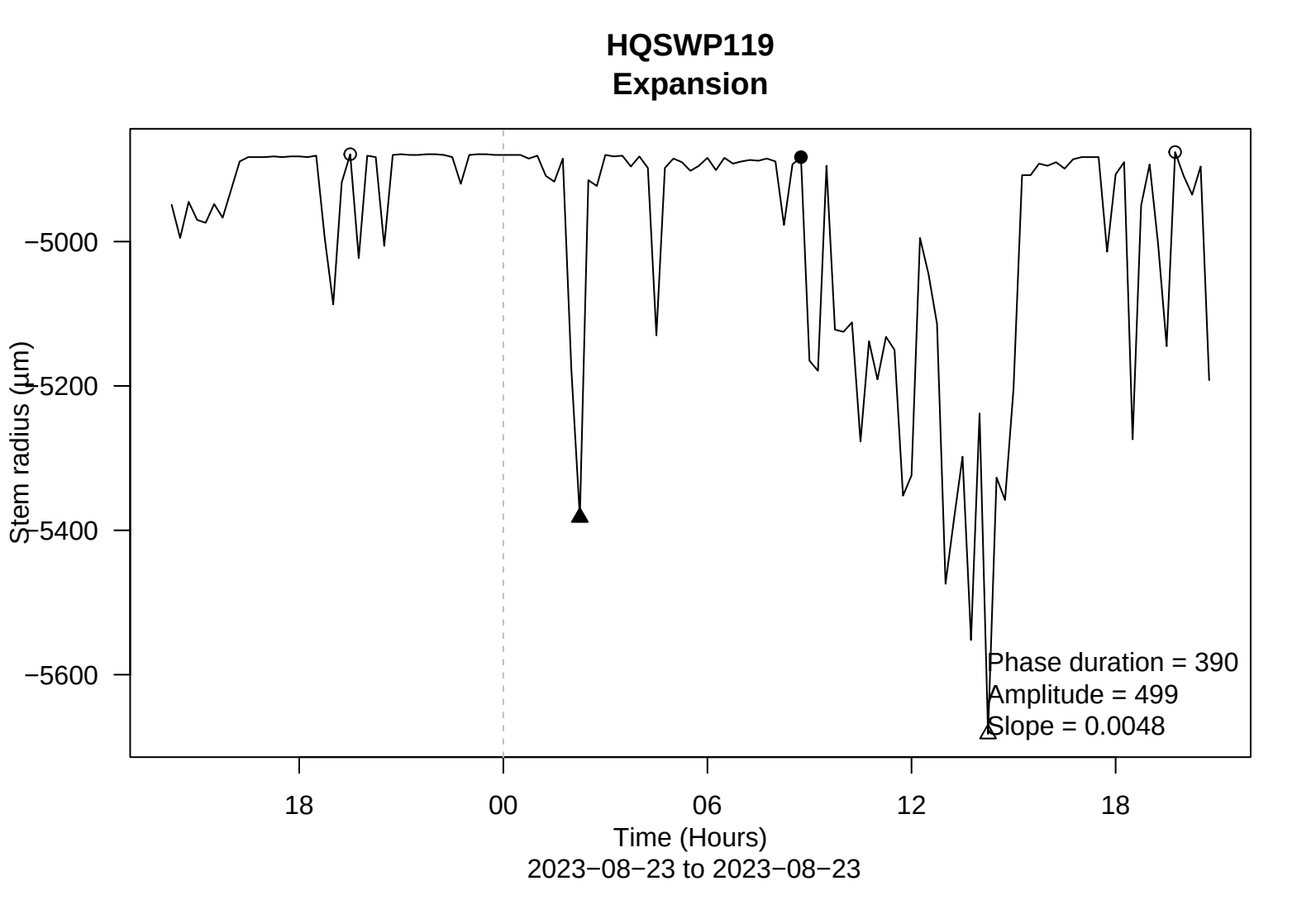

HQSWP119
Shrinkage
−4900
−5000
−5100
−5200
−5300
Stem radius (µm)
Phase duration = 735
Amplitude = −421
Slope = −0.0043
12
00
12
Time (Hours)
2023−08−20 to 2023−08−21

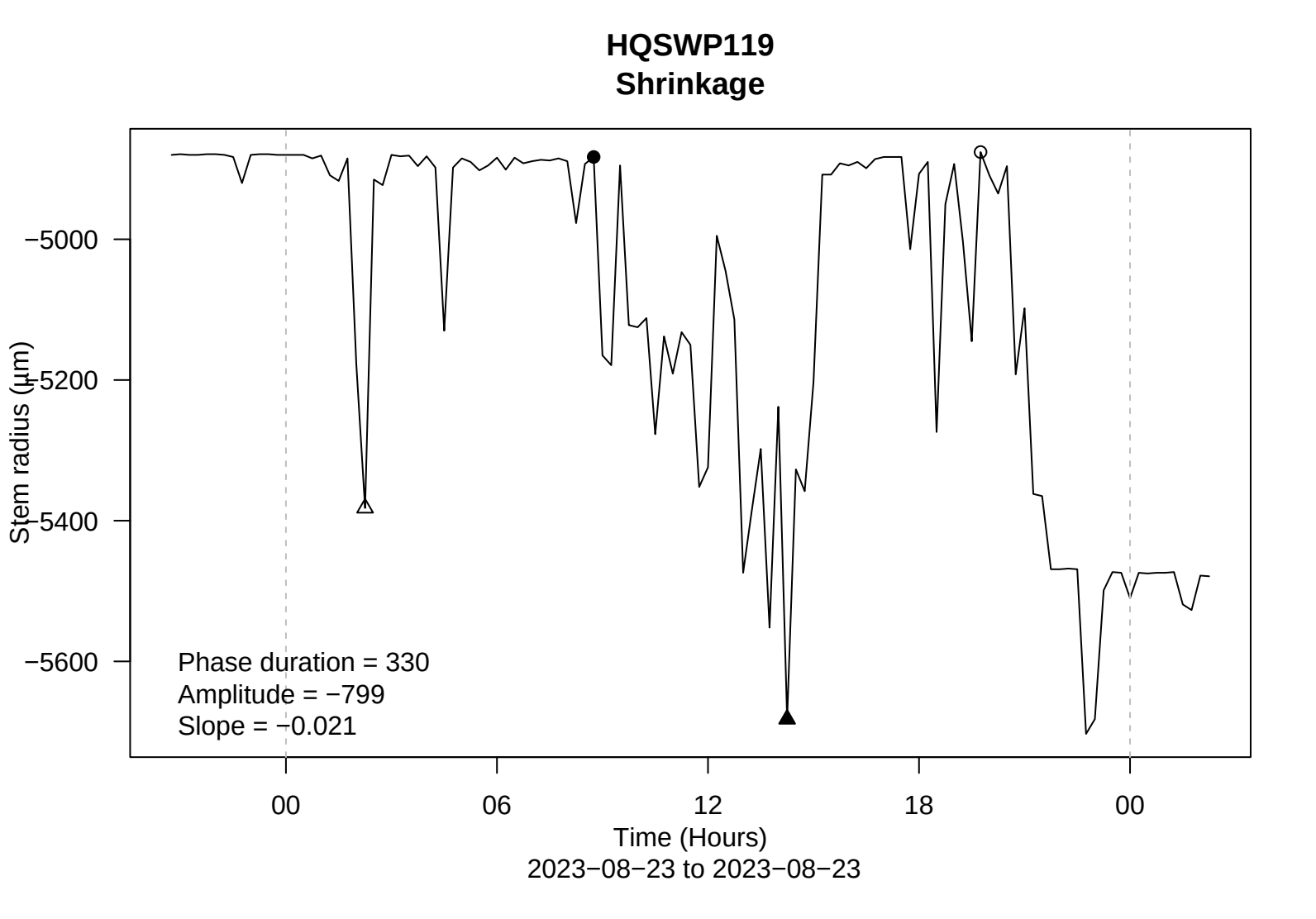

HQSWP119
Expansion
−4900
−5000
−5100
−5200
−5300
Stem radius (µm)
Phase duration = 585
Amplitude = 421
Slope = 0.0102
00
12
00
Time (Hours)
2023−08−21 to 2023−08−21

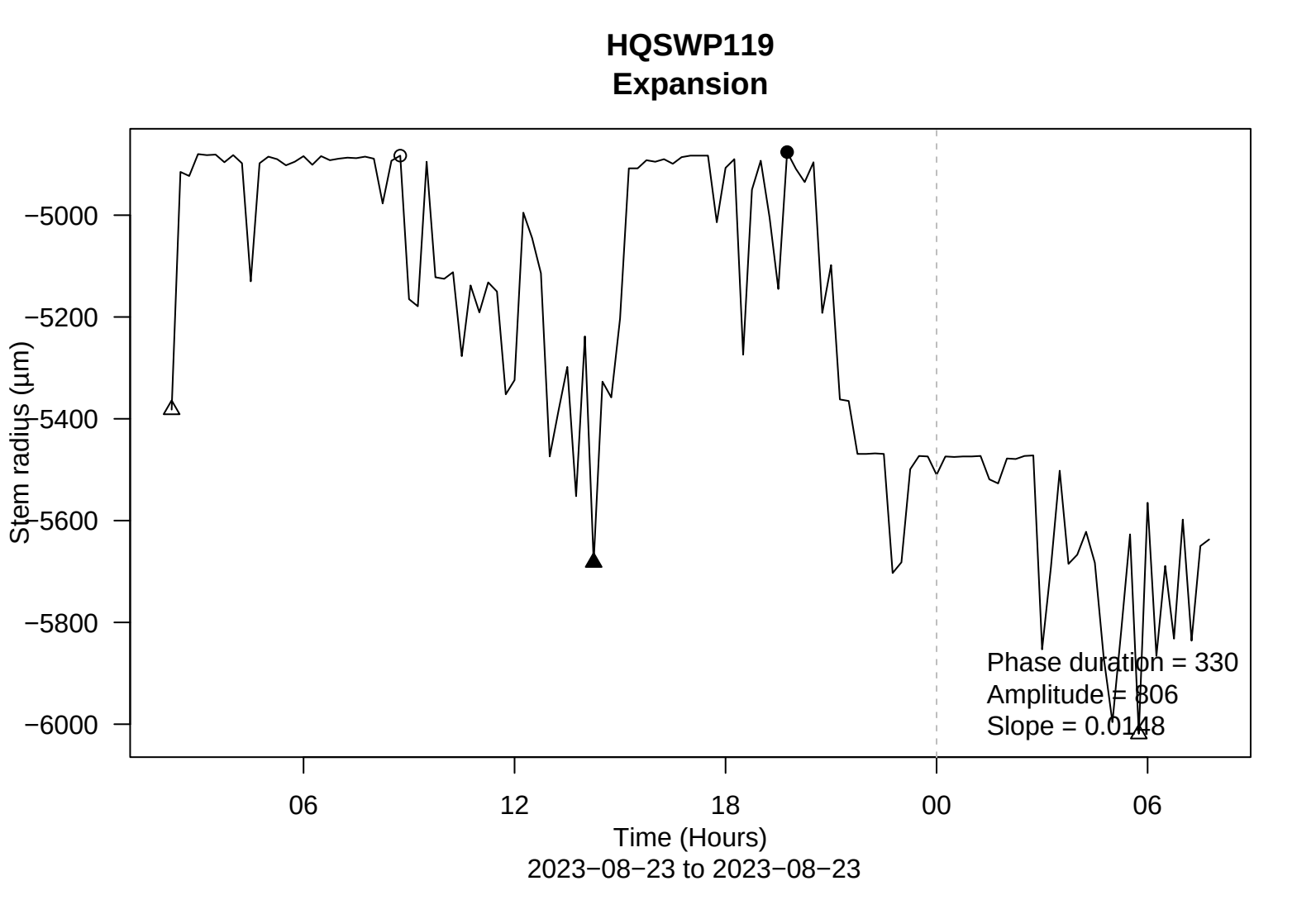

HQSWP119
Shrinkage
−4900
−5000
−5100
−5200
−5300
Stem radius (µm)
Phase duration = 750
Amplitude = −433
Slope = −0.0026
12
00
12
Time (Hours)
2023−08−21 to 2023−08−22

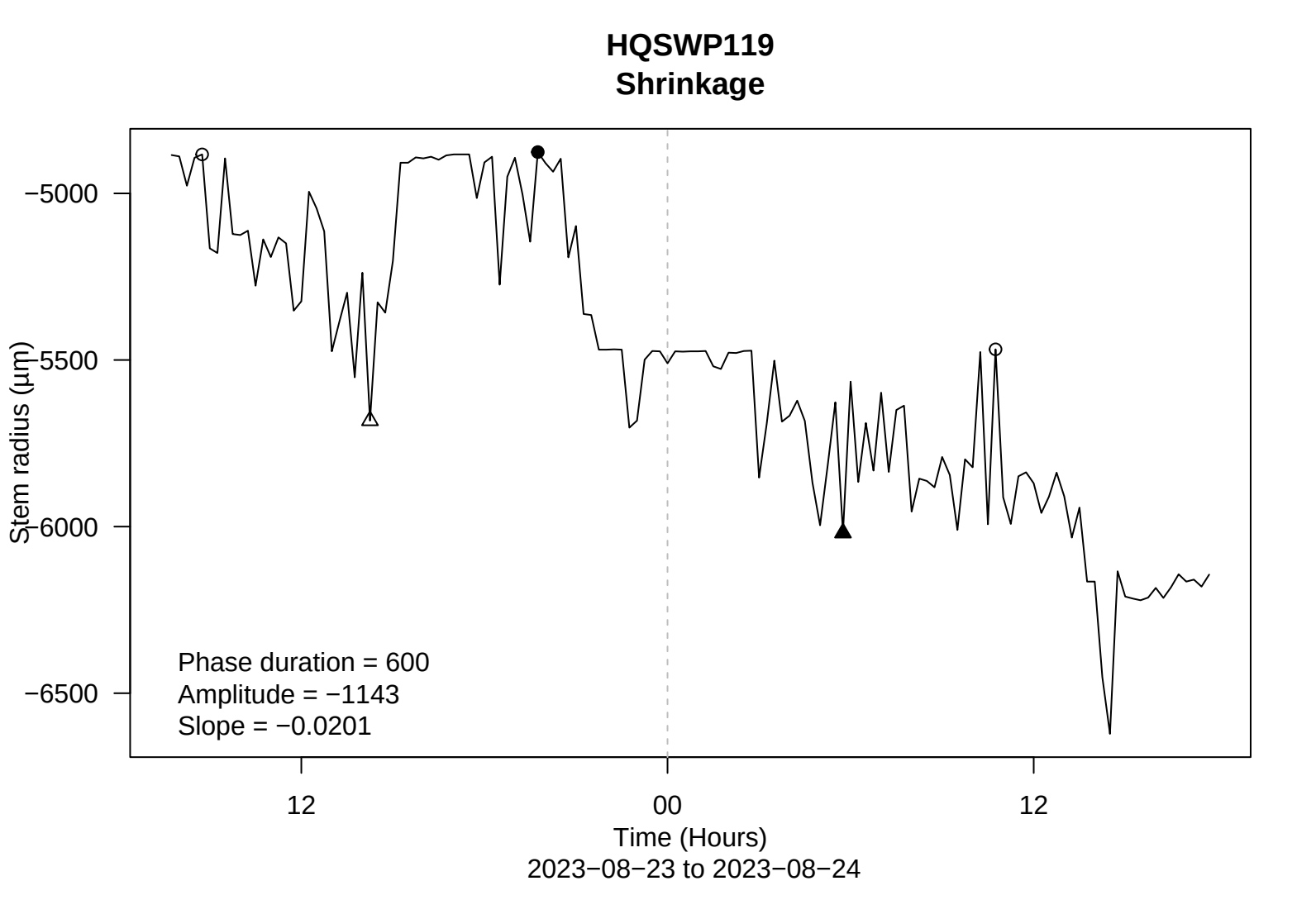

HQSWP119
Expansion
−4900
−5000
−5100
−5200
−5300
−5400
Stem radius (µm)
00
12
00
Time (Hours)
2023−08−22 to 2023−08−22
Phase duration = 735
Amplitude = 434
Slope = 0.0077

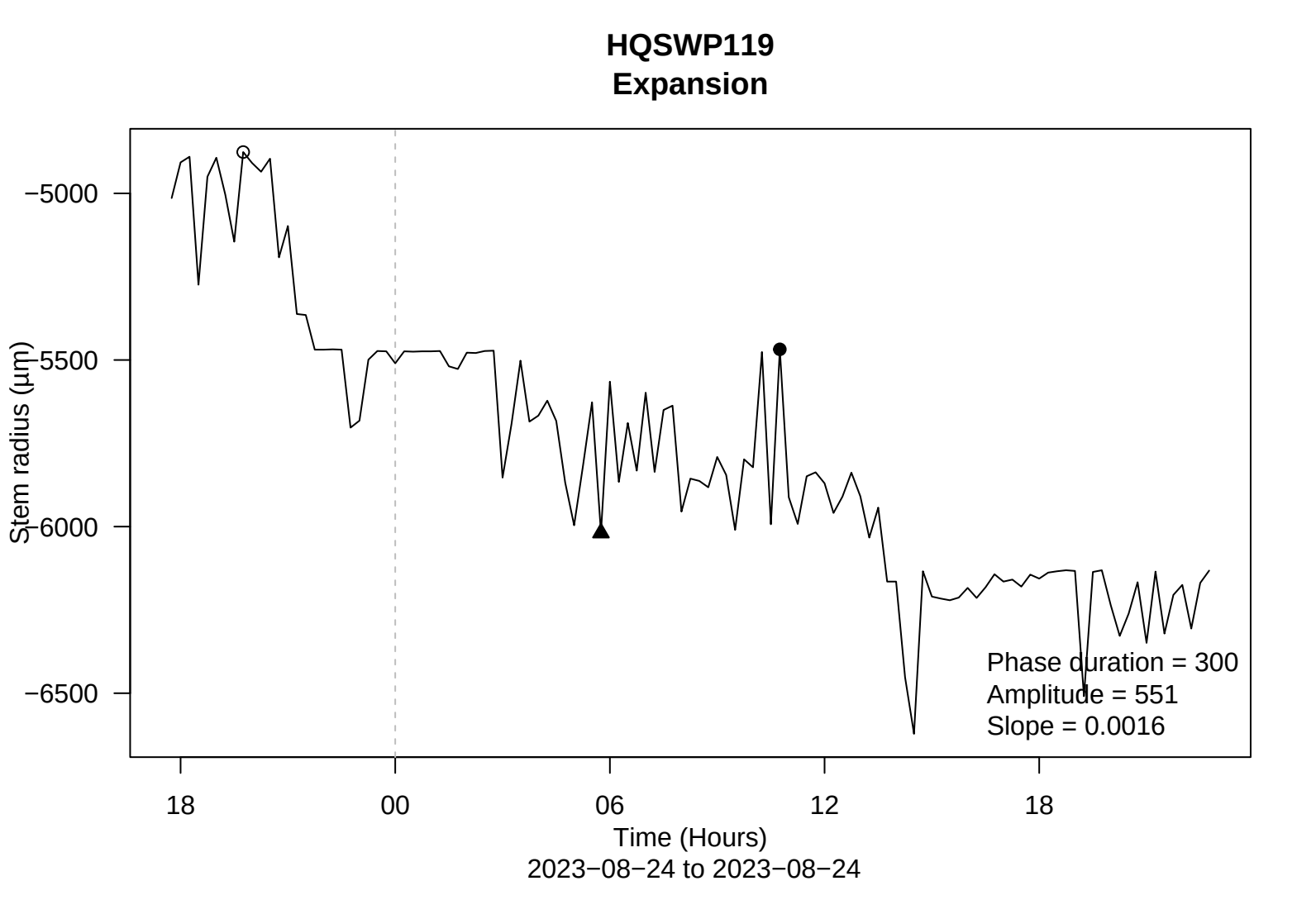

HQSWP119
Shrinkage
−5000
−5200
−5400
−5600
Stem radius (µm)
Phase duration = 405
Amplitude = −503
Slope = −0.005
12
18
00
06
12
Time (Hours)
2023−08−22 to 2023−08−23

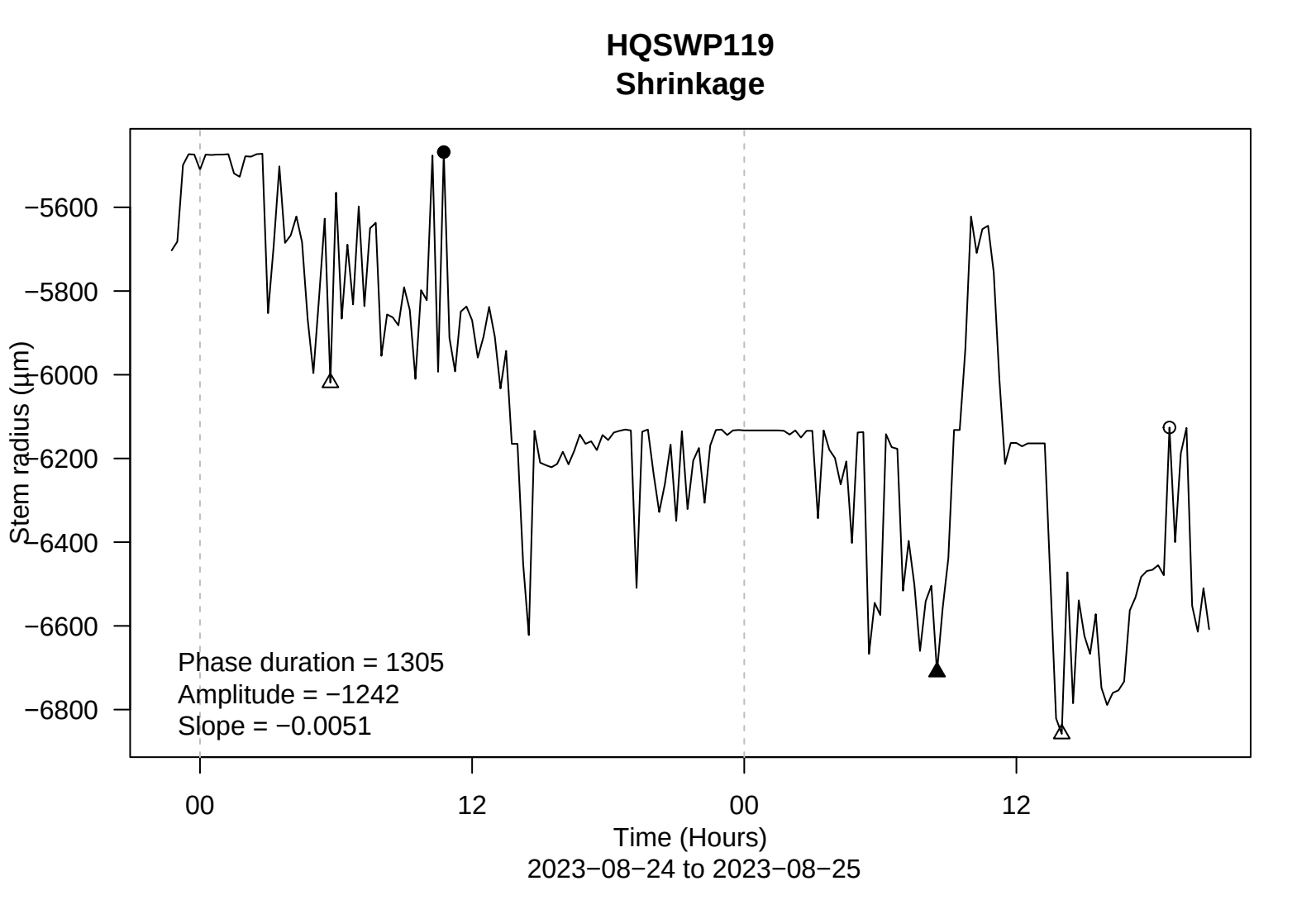

HQSWP119
Expansion
−5000
−5200
−5400
−5600
Stem radius (µm)
Phase duration = 390
Amplitude = 499
Slope = 0.0048
18
00
06
12
18
Time (Hours)
2023−08−23 to 2023−08−23

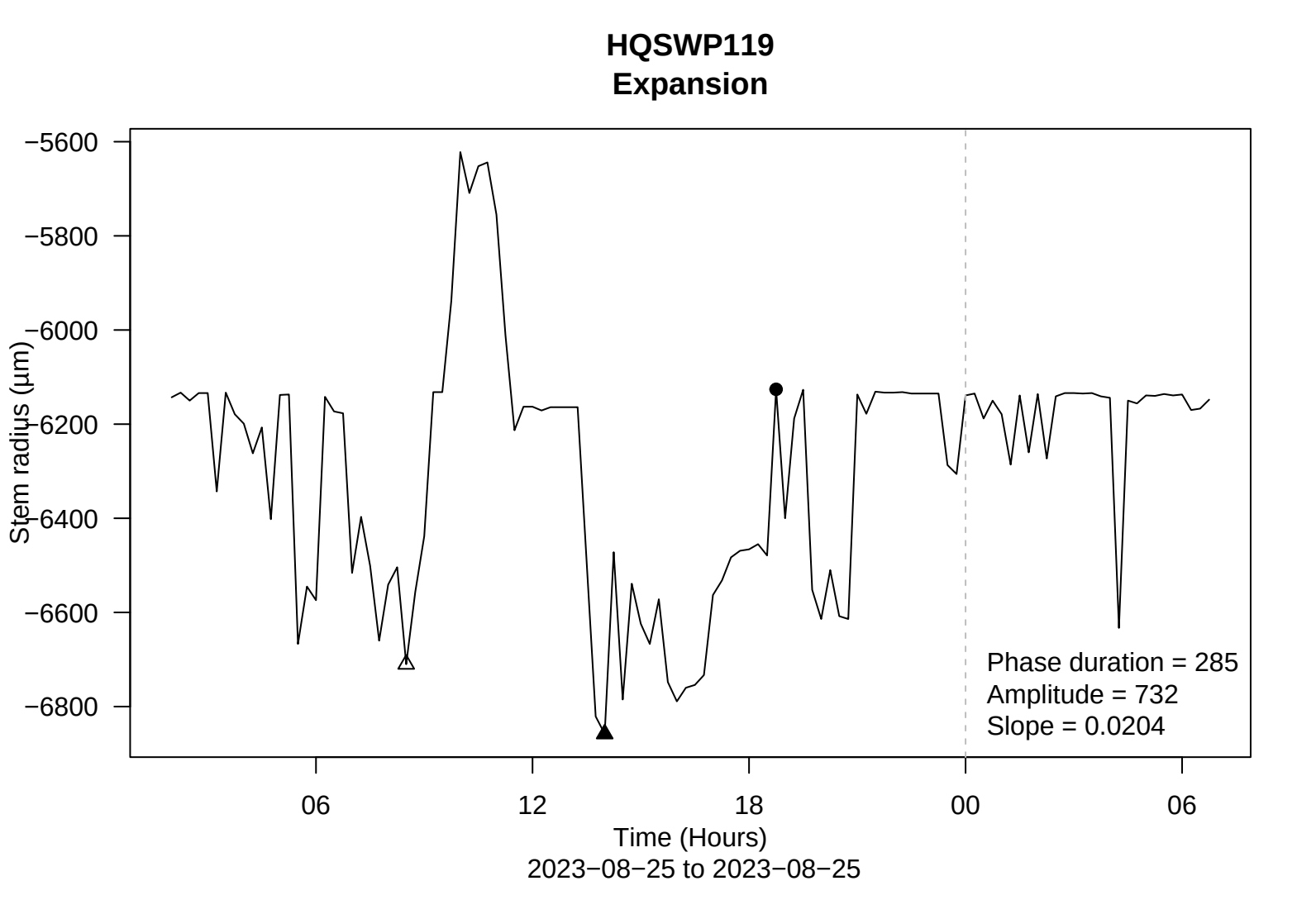

HQSWP119
Shrinkage
−5000
−5200
−5400
−5600
Stem radius (µm)
Phase duration = 330
Amplitude = −799
Slope = −0.021
00
06
12
18
00
Time (Hours)
2023−08−23 to 2023−08−23

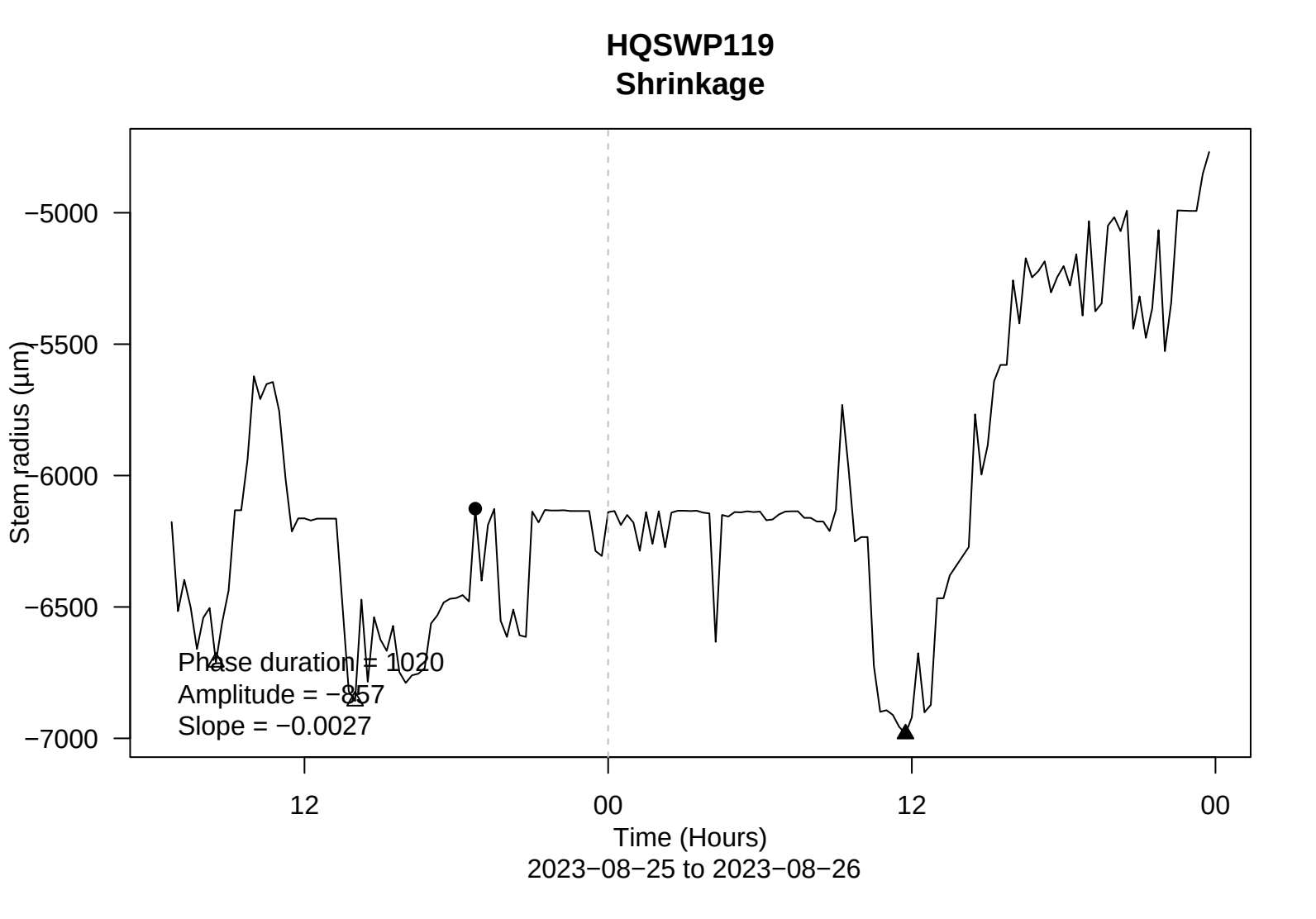

HQSWP119
Expansion
−5000
−5200
−5400
−5600
−5800
−6000
Stem radius (µm)
06
12
18
00
06
Time (Hours)
2023−08−23 to 2023−08−23
Phase duration = 330
Amplitude = 806
Slope = 0.0148

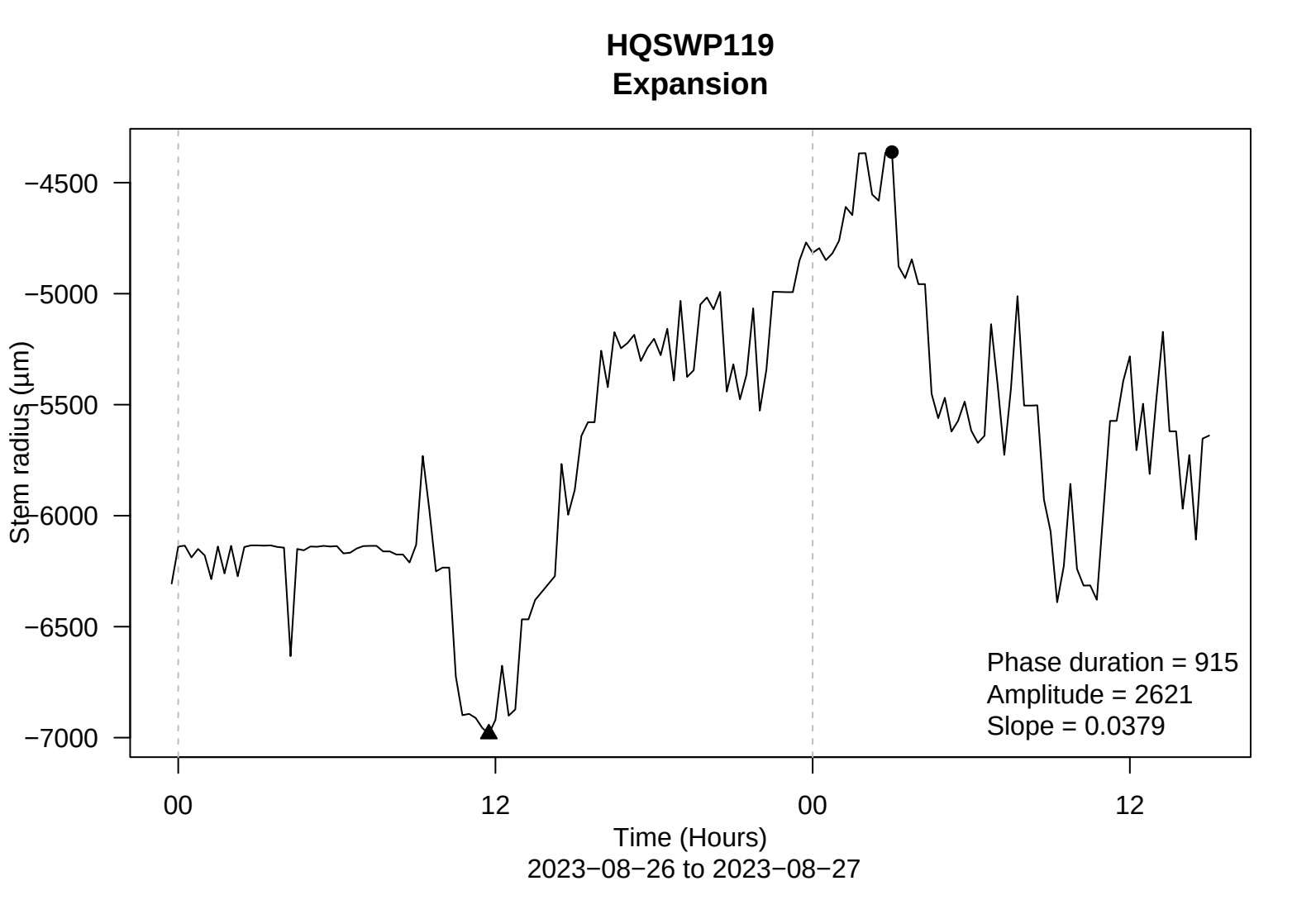

HQSWP119
Shrinkage
−5000
−5500
−6000
−6500
Stem radius (µm)
Phase duration = 600
Amplitude = −1143
Slope = −0.0201
12
00
12
Time (Hours)
2023−08−23 to 2023−08−24

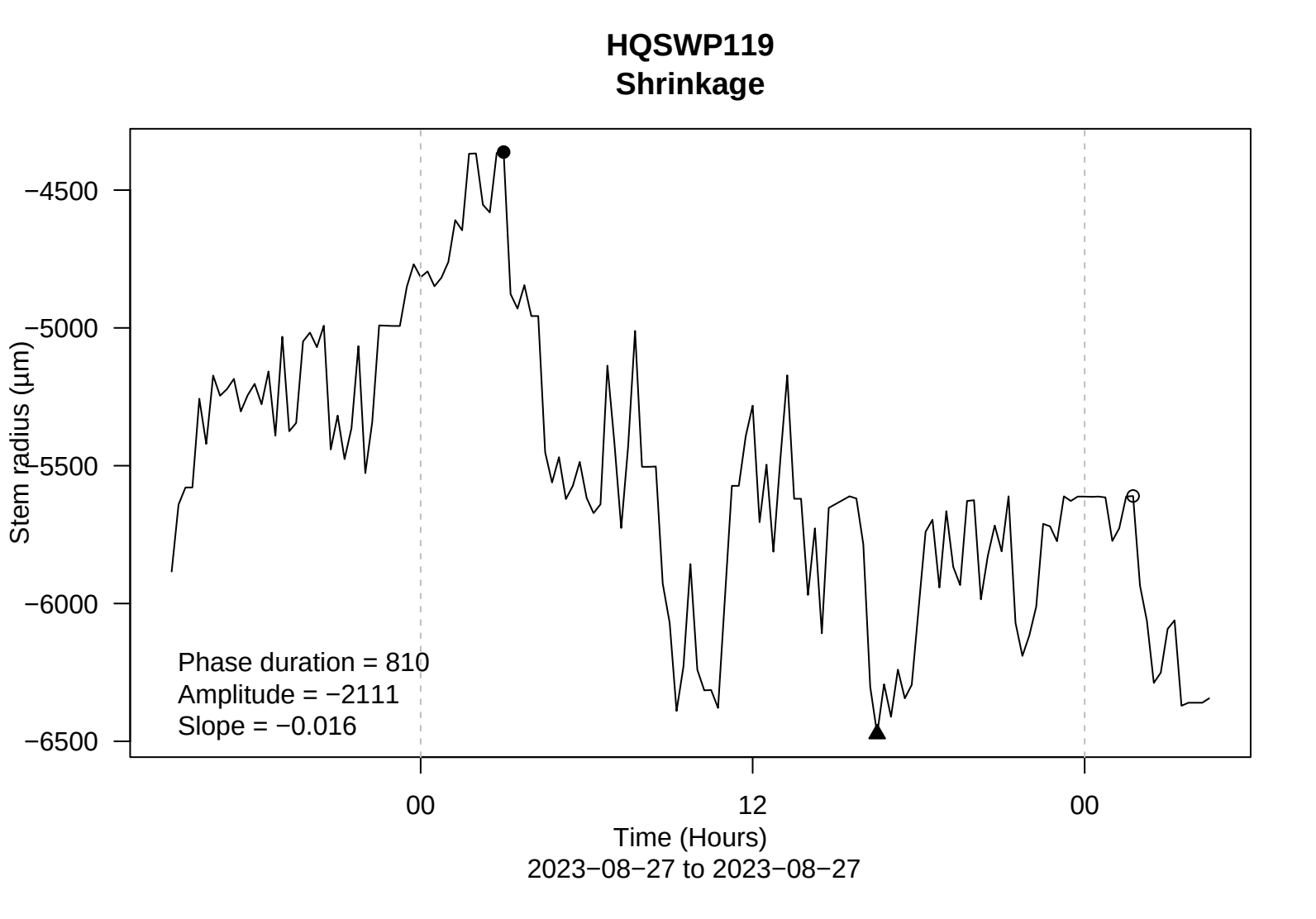

HQSWP119
Expansion
−5000
−5500
−6000
−6500
Stem radius (µm)
18
00
06
12
18
Time (Hours)
2023−08−24 to 2023−08−24
Phase duration = 300
Amplitude = 551
Slope = 0.0016

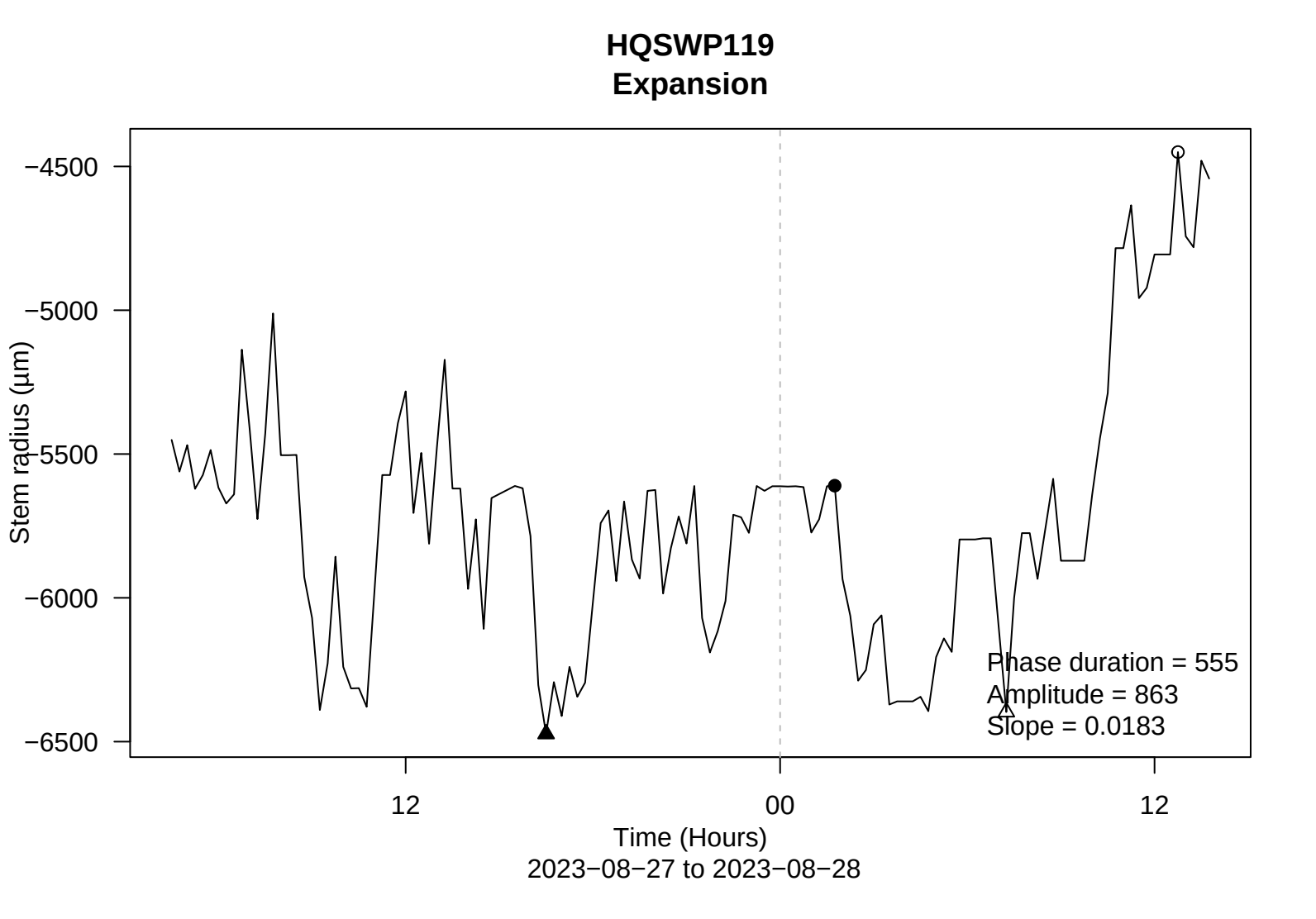

HQSWP119
Shrinkage
Stem radius (µm)
−5600
−5800
−6000
−6200
−6400
−6600
−6800
Phase duration = 1305
Amplitude = −1242
Slope = −0.0051
00
12
00
12
Time (Hours)
2023−08−24 to 2023−08−25

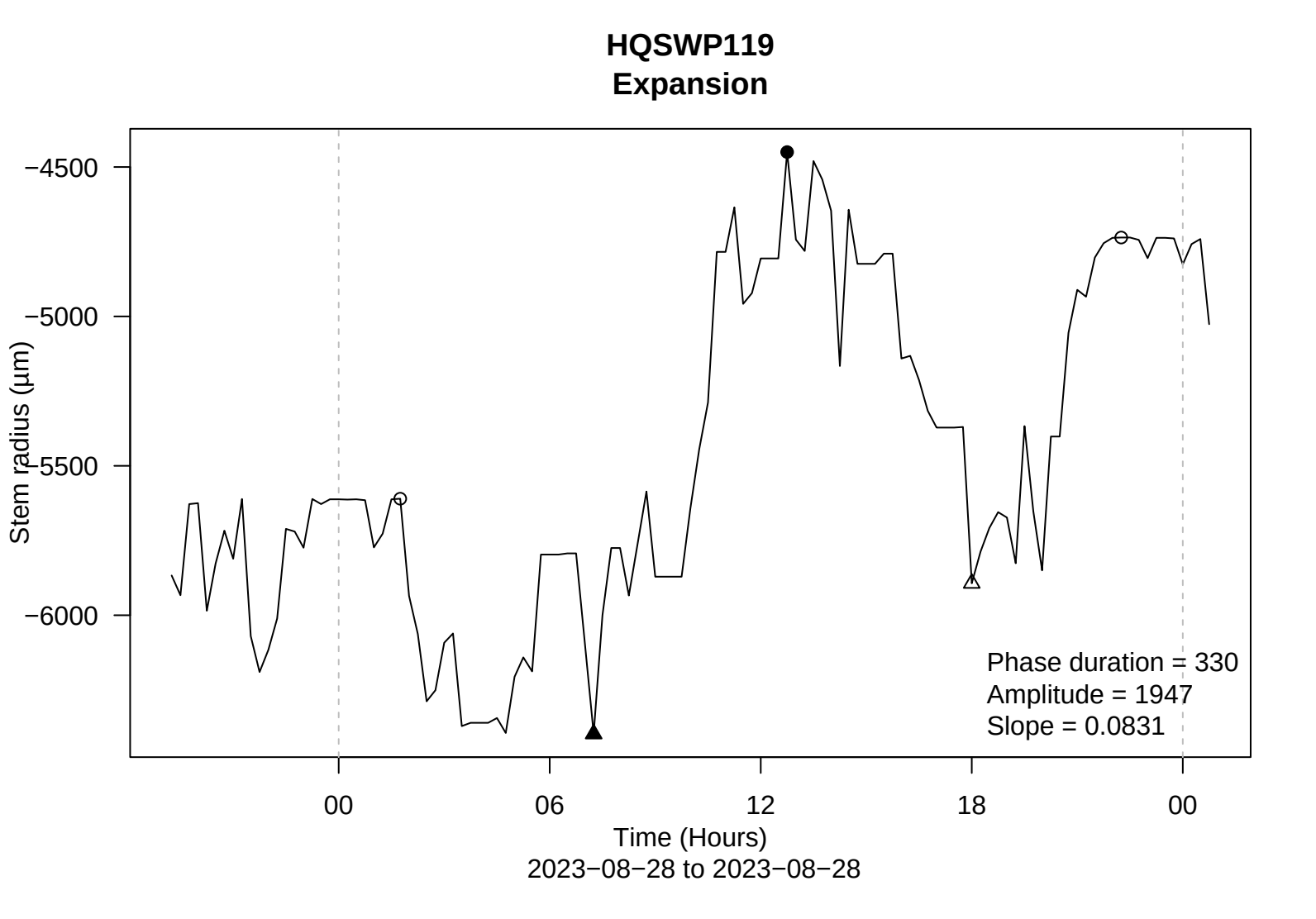

HQSWP119
Expansion
−5600
−5800
−6000
−6200
−6400
−6600
−6800
Stem radius (µm)
06
12
18
00
06
Time (Hours)
2023−08−25 to 2023−08−25
Phase duration = 285
Amplitude = 732
Slope = 0.0204

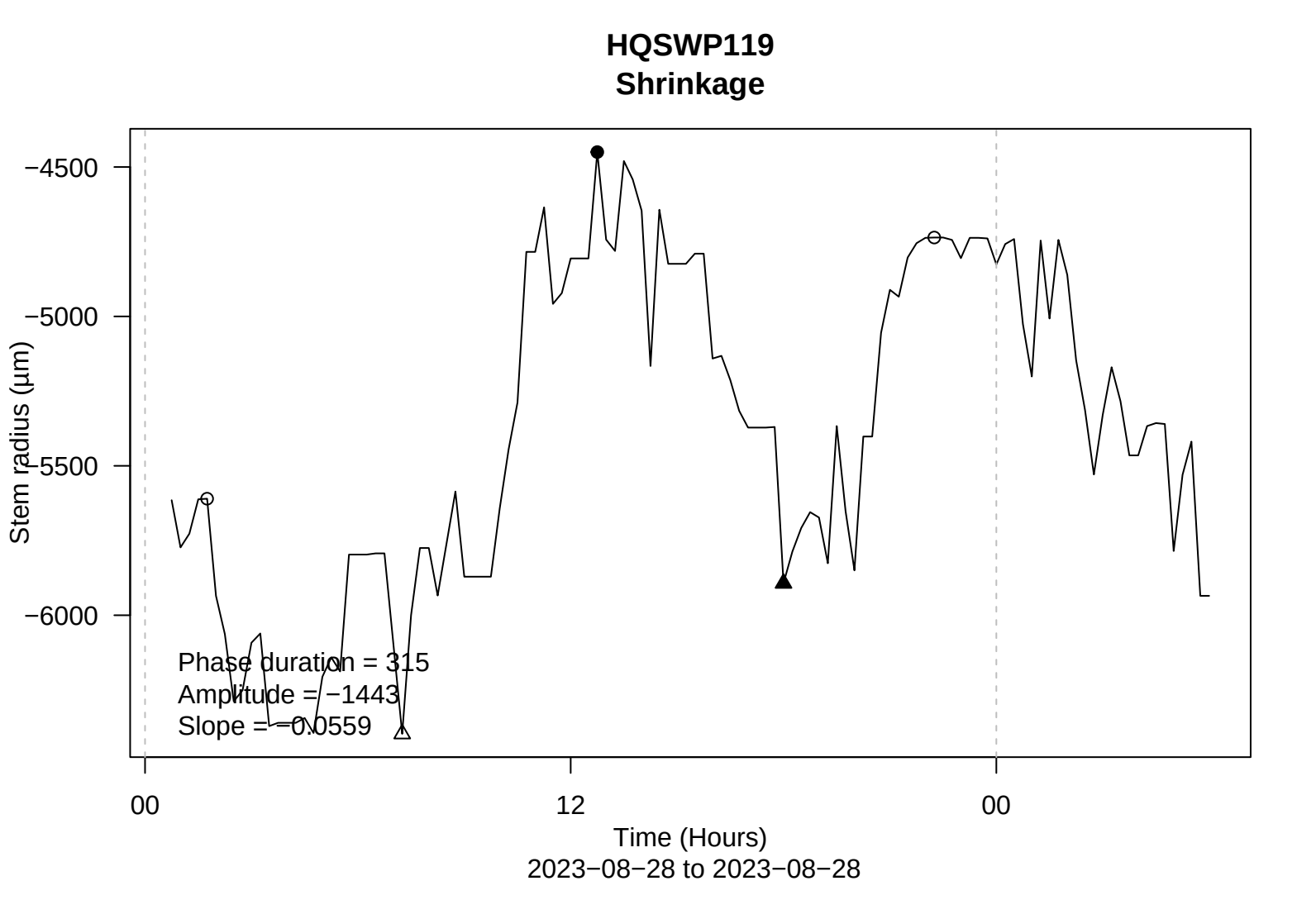

HQSWP119
Shrinkage
−5000
−5500
−6000
−6500
−7000
Stem radius (µm)
Phase duration = 1020
Amplitude = −857
Slope = −0.0027
12
00
12
00
Time (Hours)
2023−08−25 to 2023−08−26

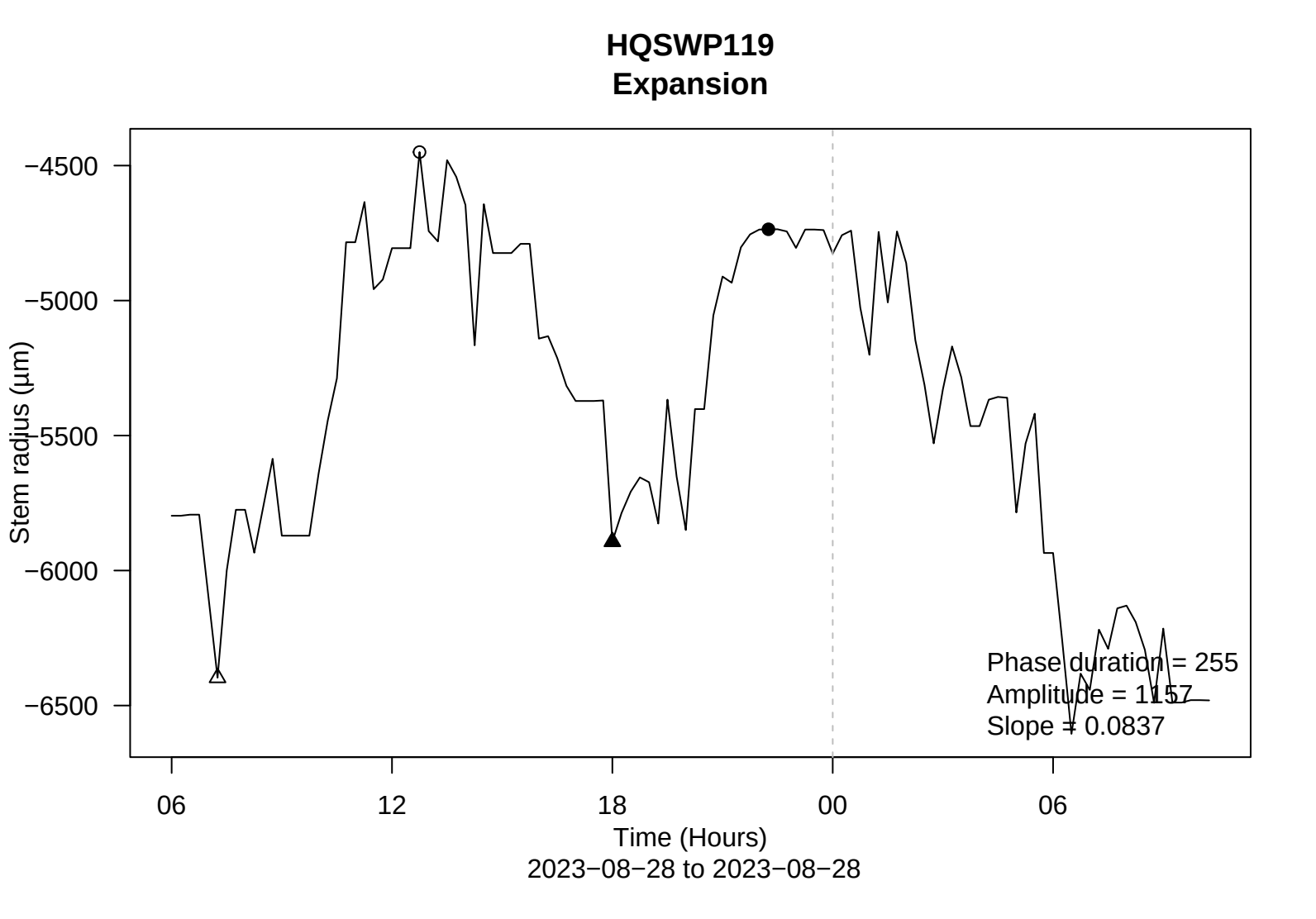

HQSWP119
Expansion
−4500
−5000
−5500
−6000
−6500
−7000
Stem radius (µm)
Phase duration = 915
Amplitude = 2621
Slope = 0.0379
00
12
00
12
Time (Hours)
2023−08−26 to 2023−08−27

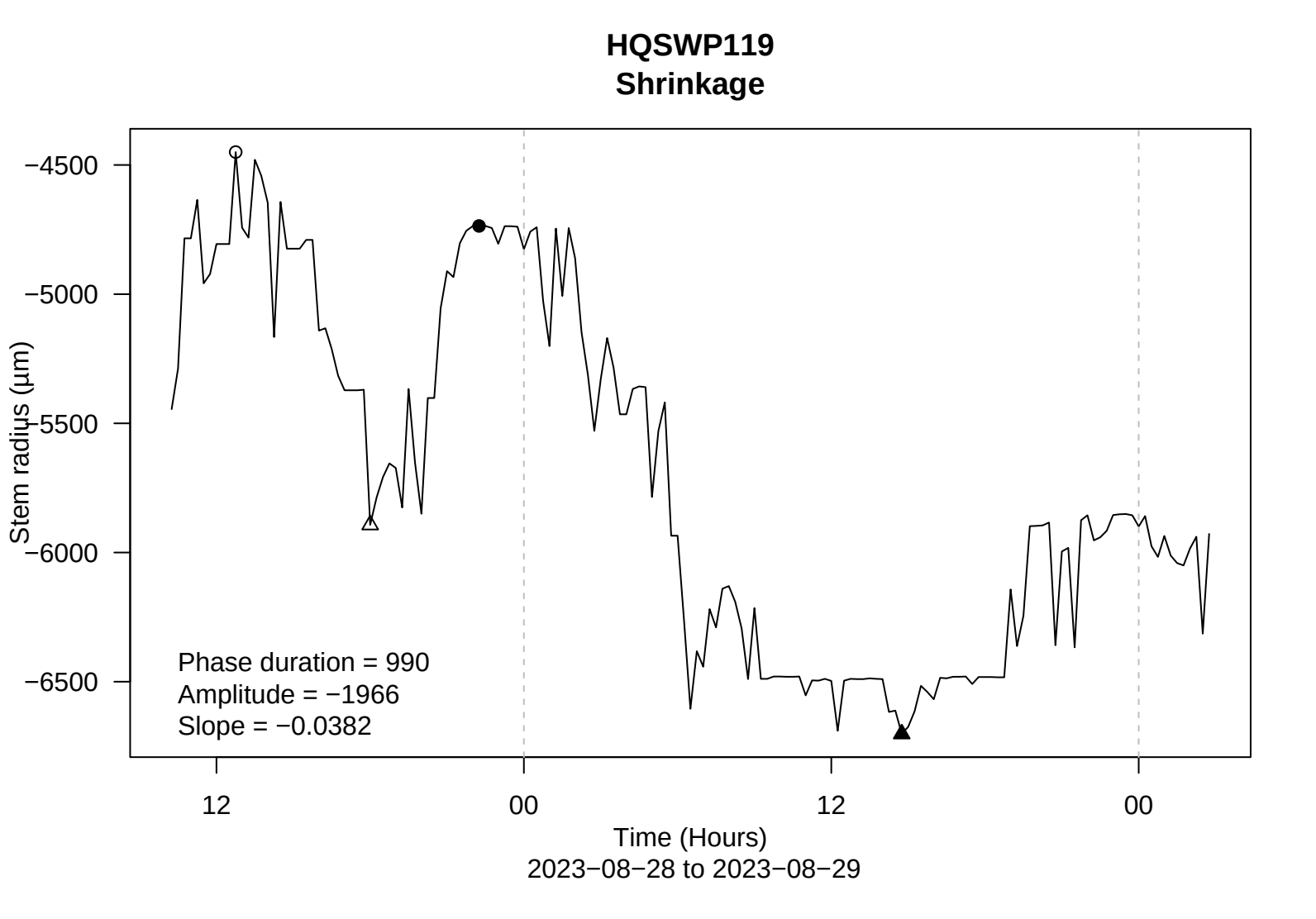

HQSWP119
Shrinkage
−4500
−5000
−5500
−6000
−6500
Stem radius (µm)
Phase duration = 810
Amplitude = −2111
Slope = −0.016
00
12
00
Time (Hours)
2023−08−27 to 2023−08−27

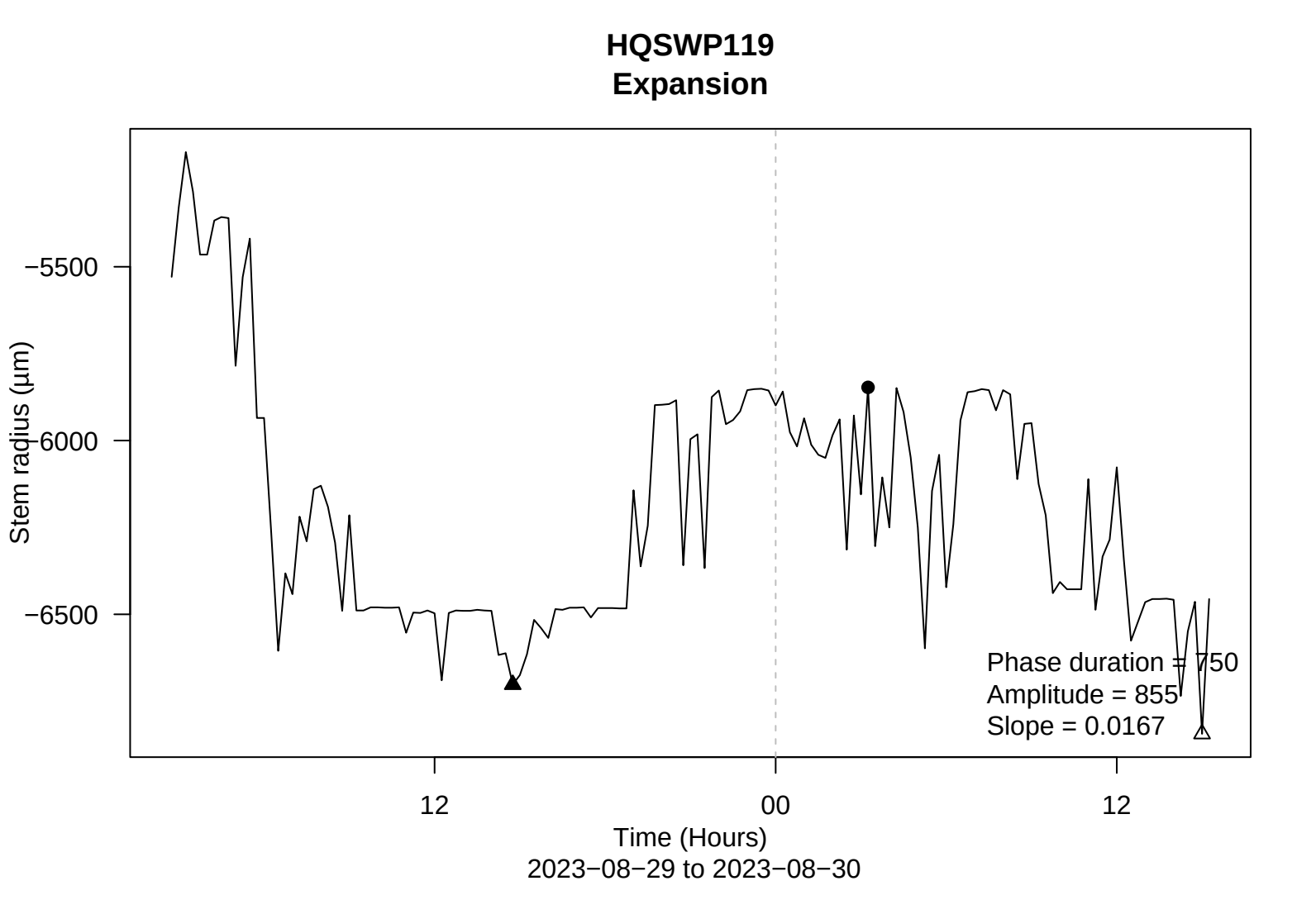

HQSWP119
Expansion
−4500
−5000
−5500
−6000
−6500
Stem radius (µm)
12
00
12
Time (Hours)
2023−08−27 to 2023−08−28
Phase duration = 555
Amplitude = 863
Slope = 0.0183

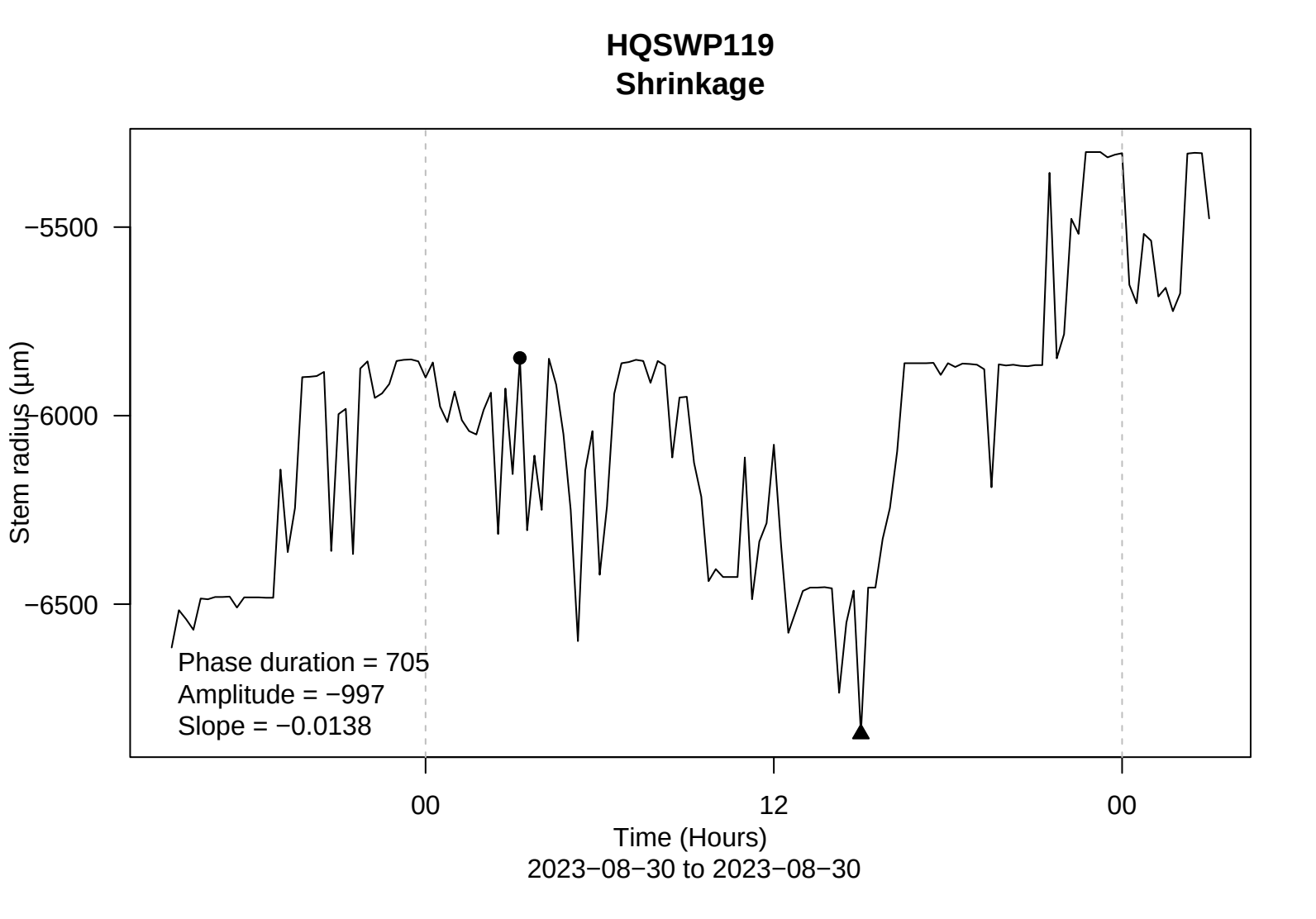

HQSWP119
Expansion
−4500
−5000
−5500
−6000
Stem radius (µm)
00
06
12
18
00
Time (Hours)
2023−08−28 to 2023−08−28
Phase duration = 330
Amplitude = 1947
Slope = 0.0831

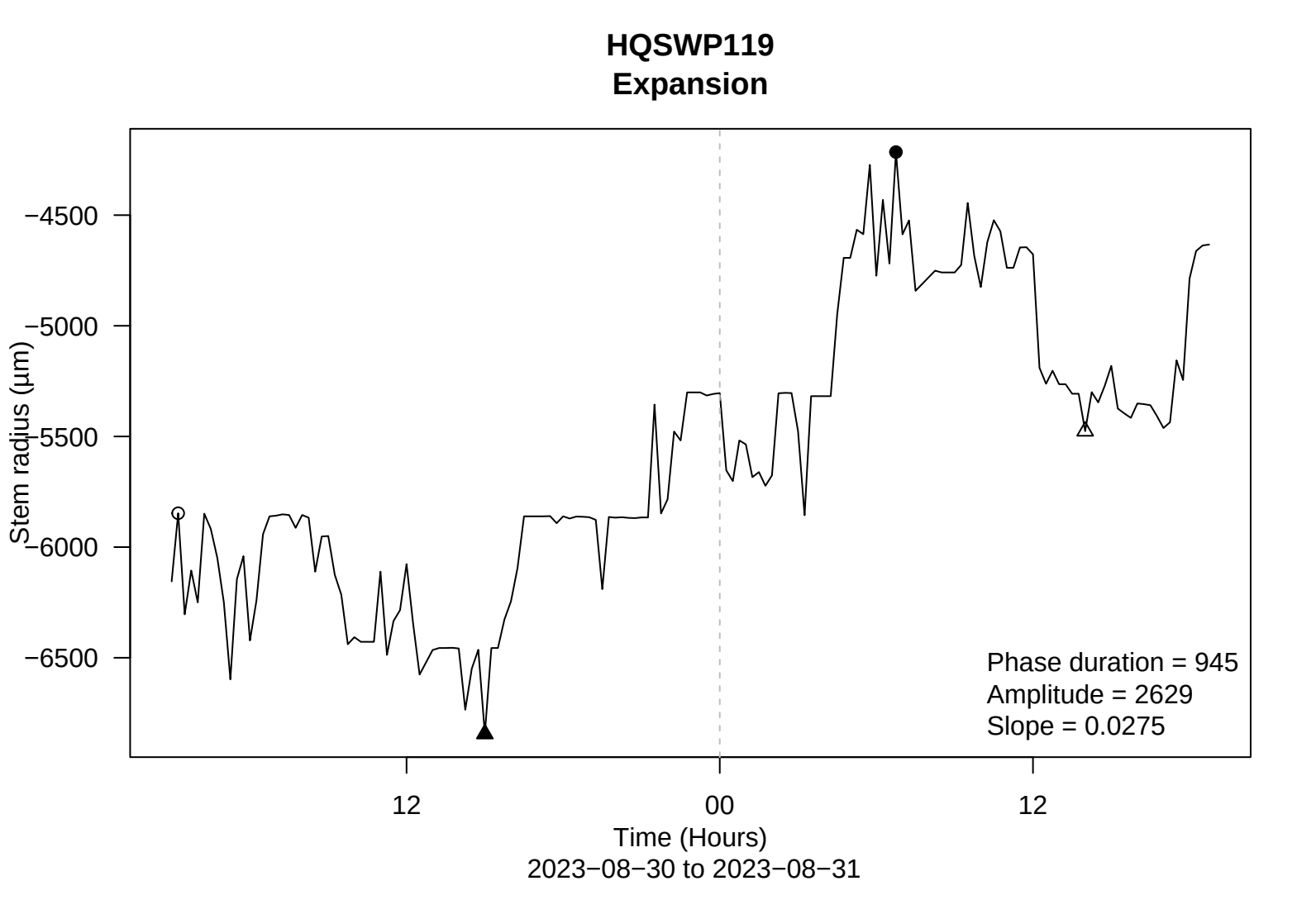

HQSWP119
Shrinkage
−4500
−5000
−5500
−6000
Stem radius (µm)
Phase duration = 315
Amplitude = −1443
Slope = −0.0559
00
12
00
Time (Hours)
2023−08−28 to 2023−08−28

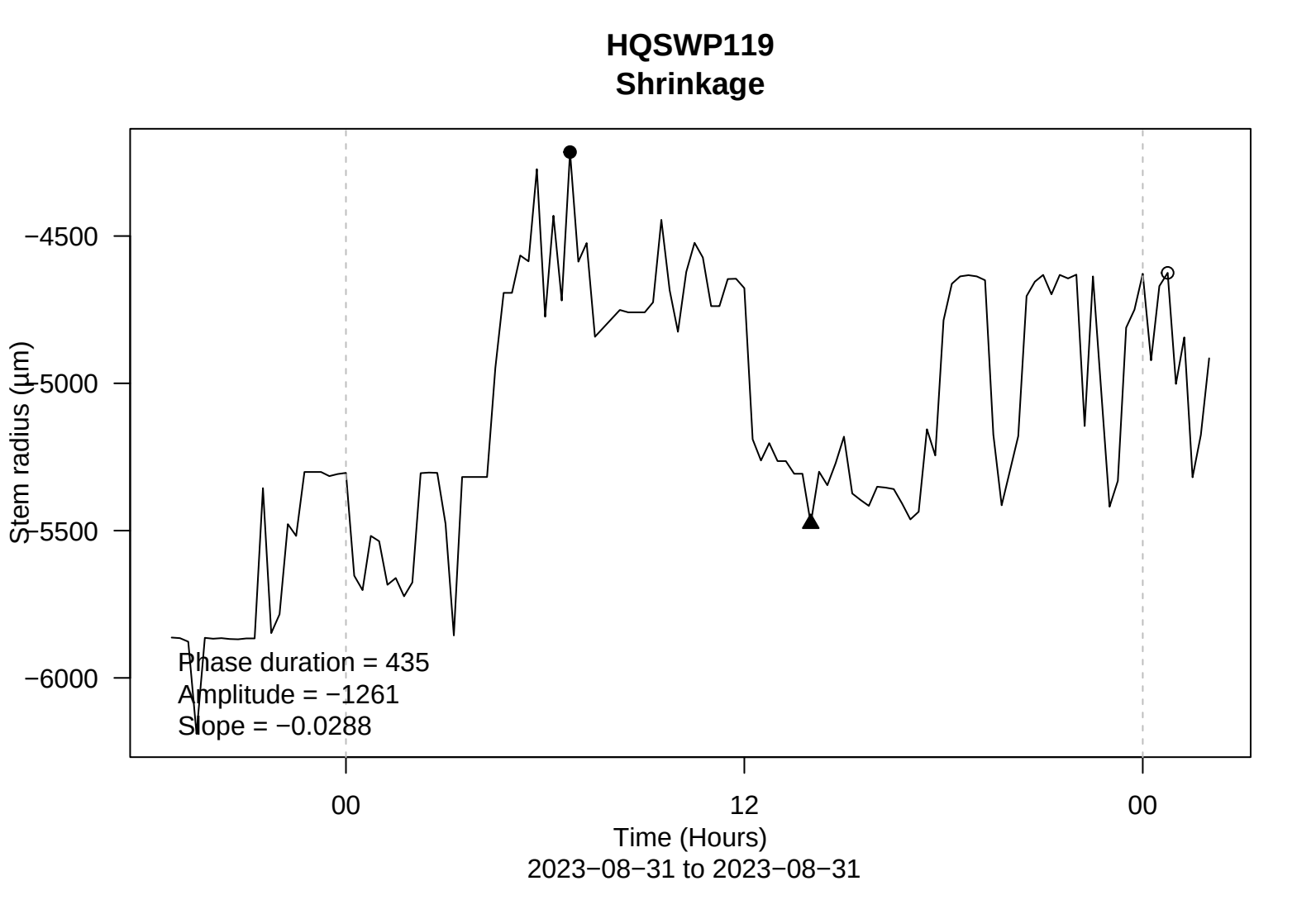

HQSWP119
Expansion
−4500
−5000
−5500
−6000
−6500
Stem radius (µm)
Phase duration = 255
Amplitude = 1157
Slope = 0.0837
06
12
18
00
06
Time (Hours)
2023−08−28 to 2023−08−28

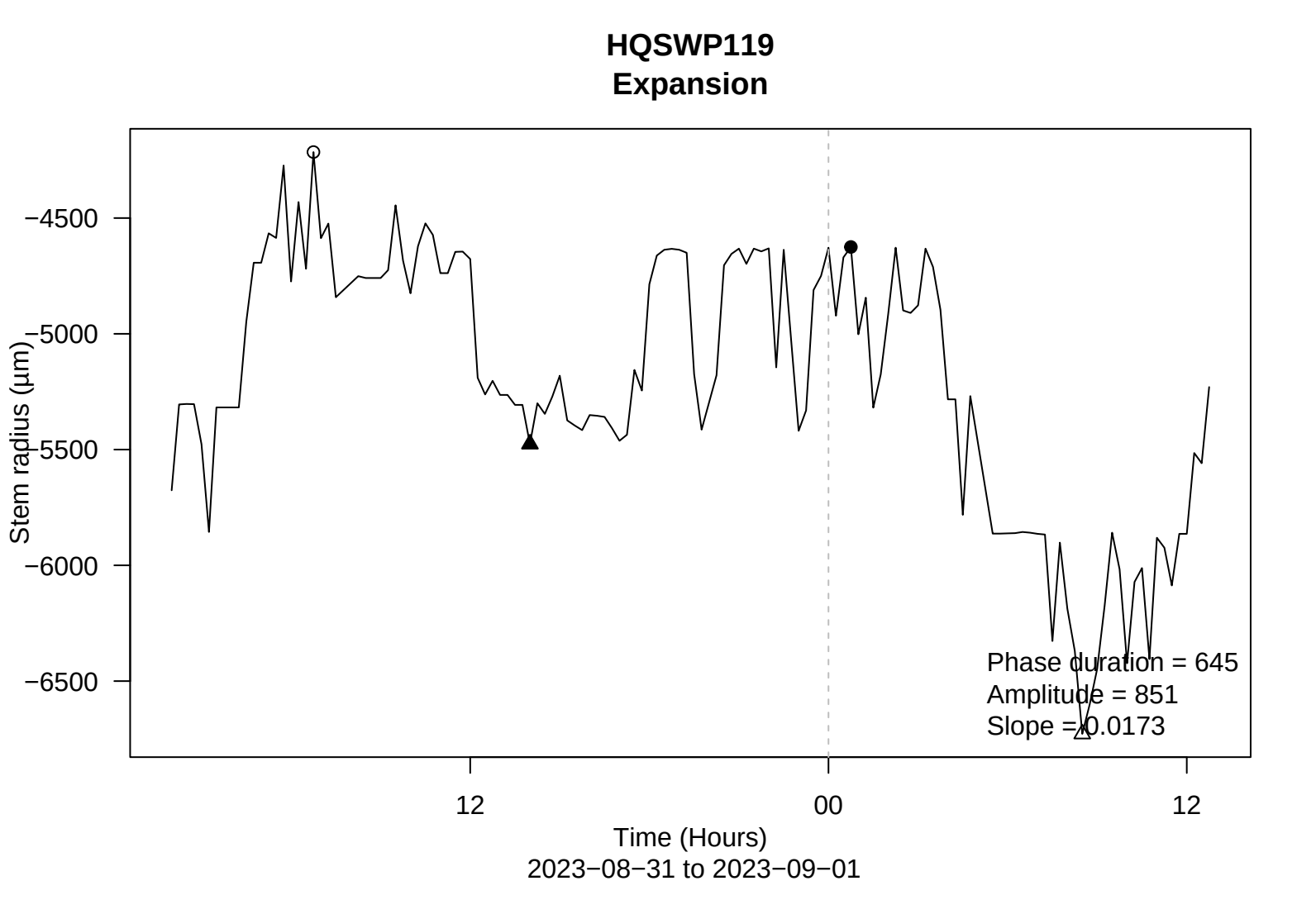

HQSWP119
Shrinkage
−4500
−5000
−5500
−6000
−6500
Stem radius (µm)
Phase duration = 990
Amplitude = −1966
Slope = −0.0382
12
00
12
00
Time (Hours)
2023−08−28 to 2023−08−29

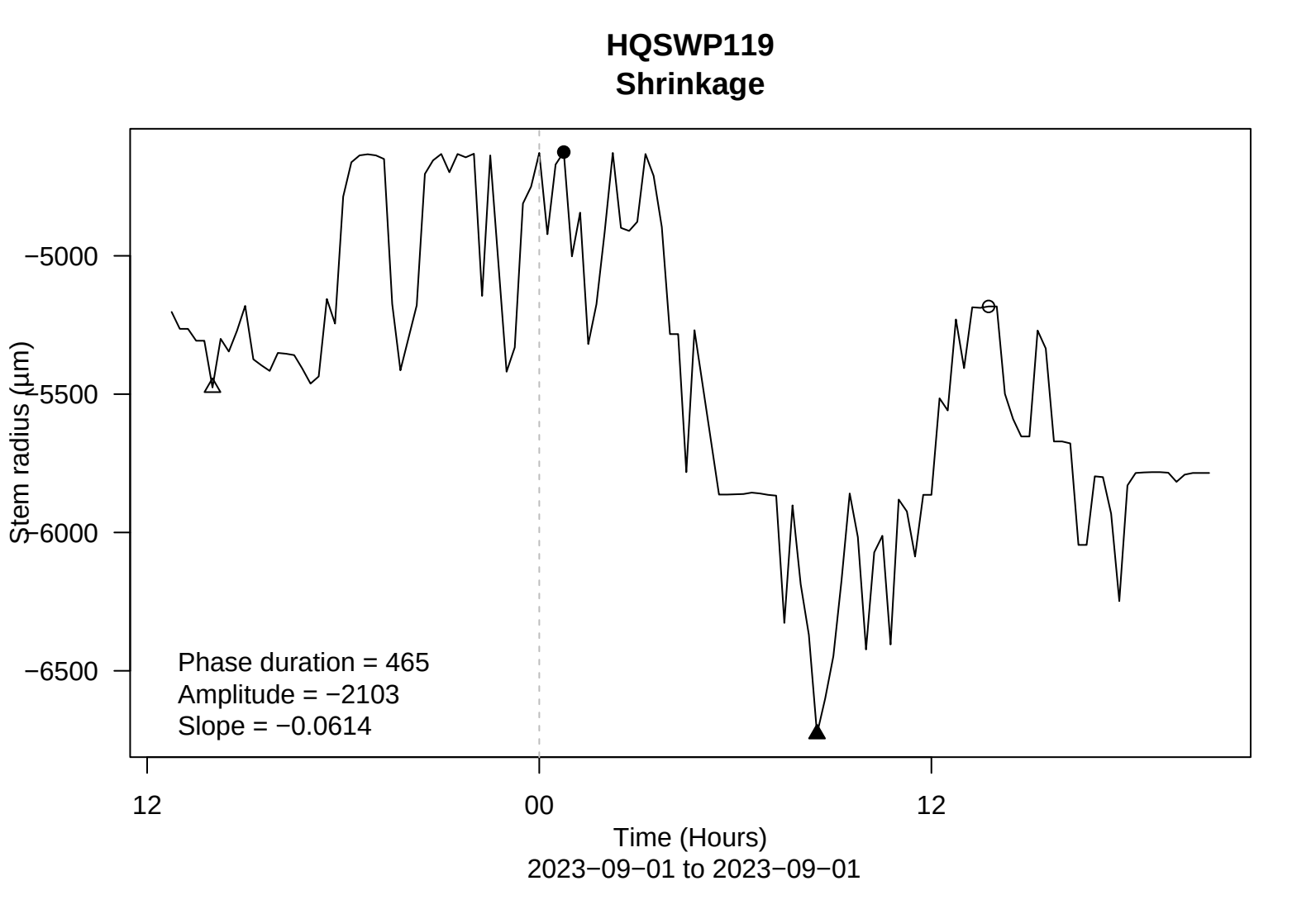

HQSWP119
Expansion
−5500
−6000
−6500
Stem radius (µm)
12
00
12
Time (Hours)
2023−08−29 to 2023−08−30
Phase duration = 750
Amplitude = 855
Slope = 0.0167

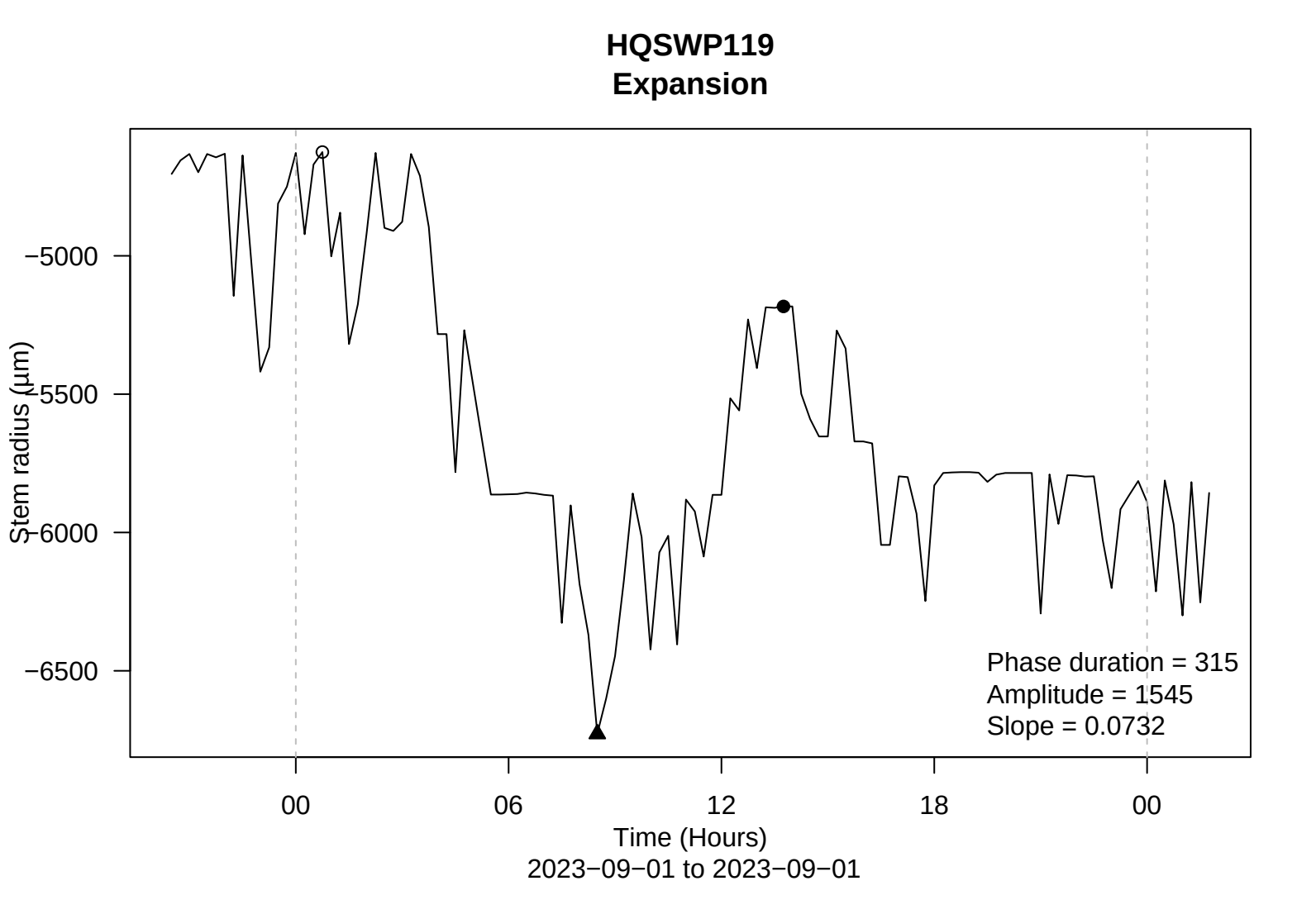

HQSWP119
Shrinkage
−5500
−6000
−6500
Stem radius (µm)
Phase duration = 705
Amplitude = −997
Slope = −0.0138
00
12
00
Time (Hours)
2023−08−30 to 2023−08−30

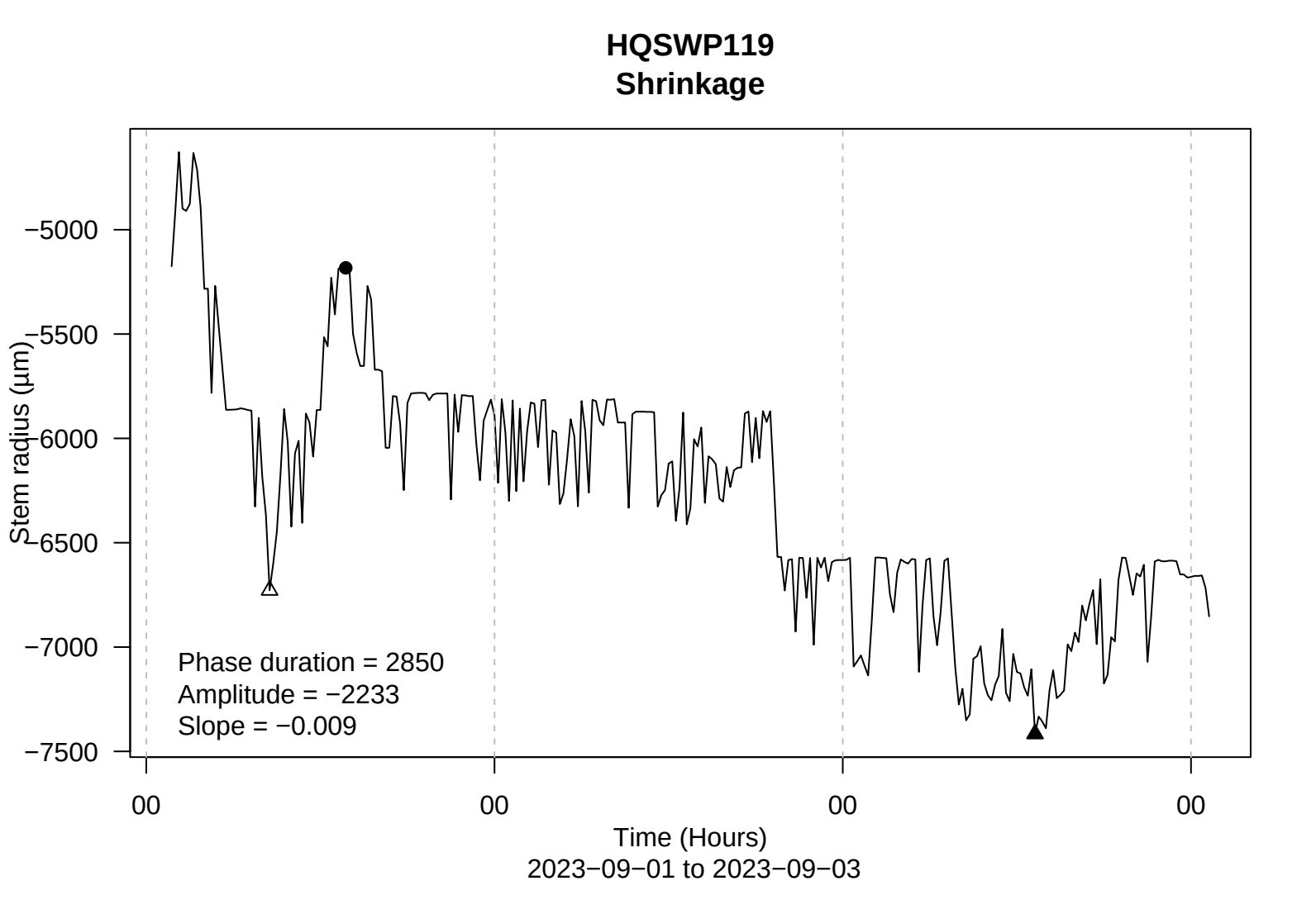

HQSWP119
Expansion
−4500
−5000
−5500
−6000
−6500
Stem radius (µm)
Phase duration = 945
Amplitude = 2629
Slope = 0.0275
12
00
12
Time (Hours)
2023−08−30 to 2023−08−31

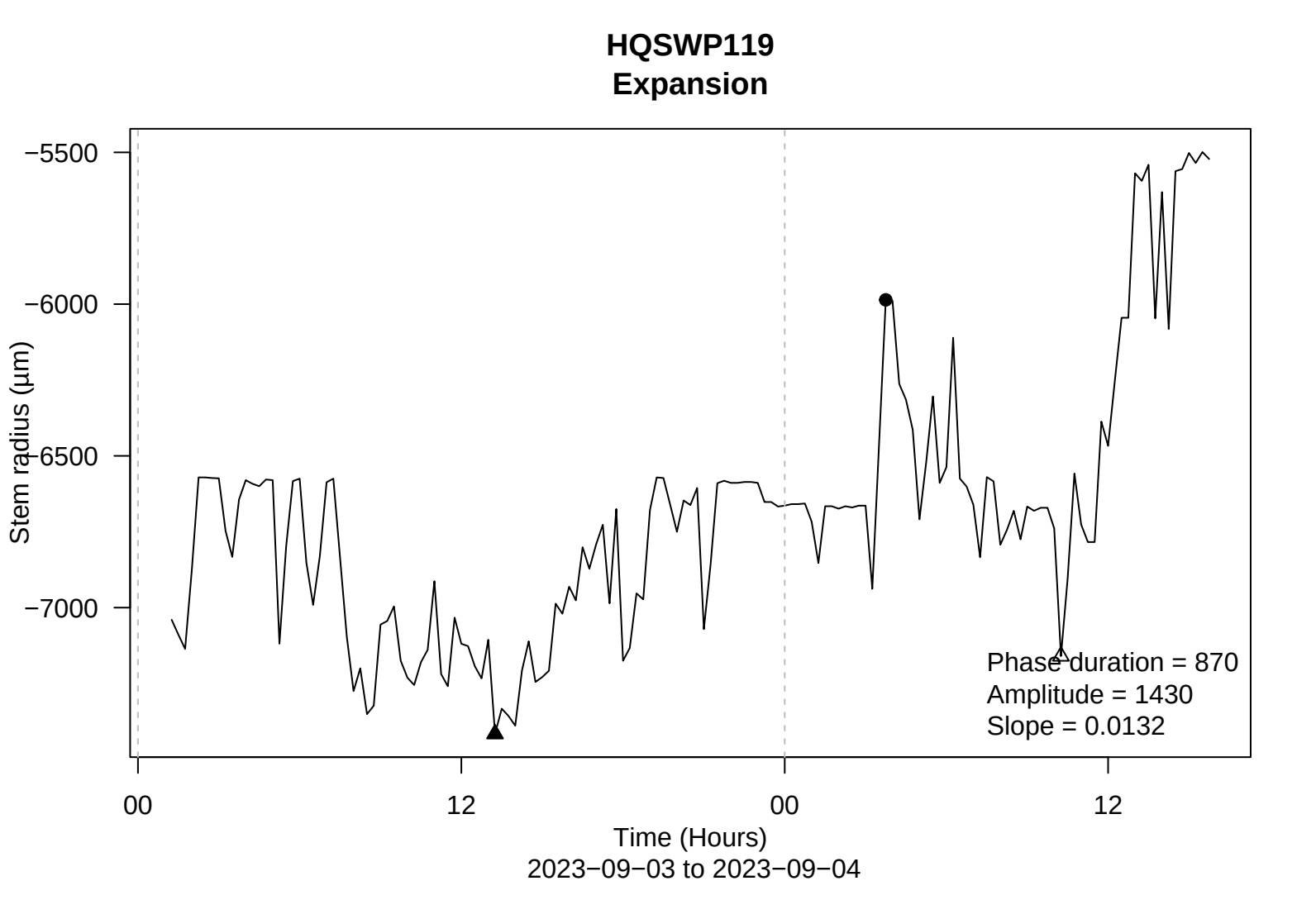

HQSWP119
Shrinkage
−4500
−5000
−5500
−6000
Stem radius (µm)
Phase duration = 435
Amplitude = −1261
Slope = −0.0288
00
12
00
Time (Hours)
2023−08−31 to 2023−08−31

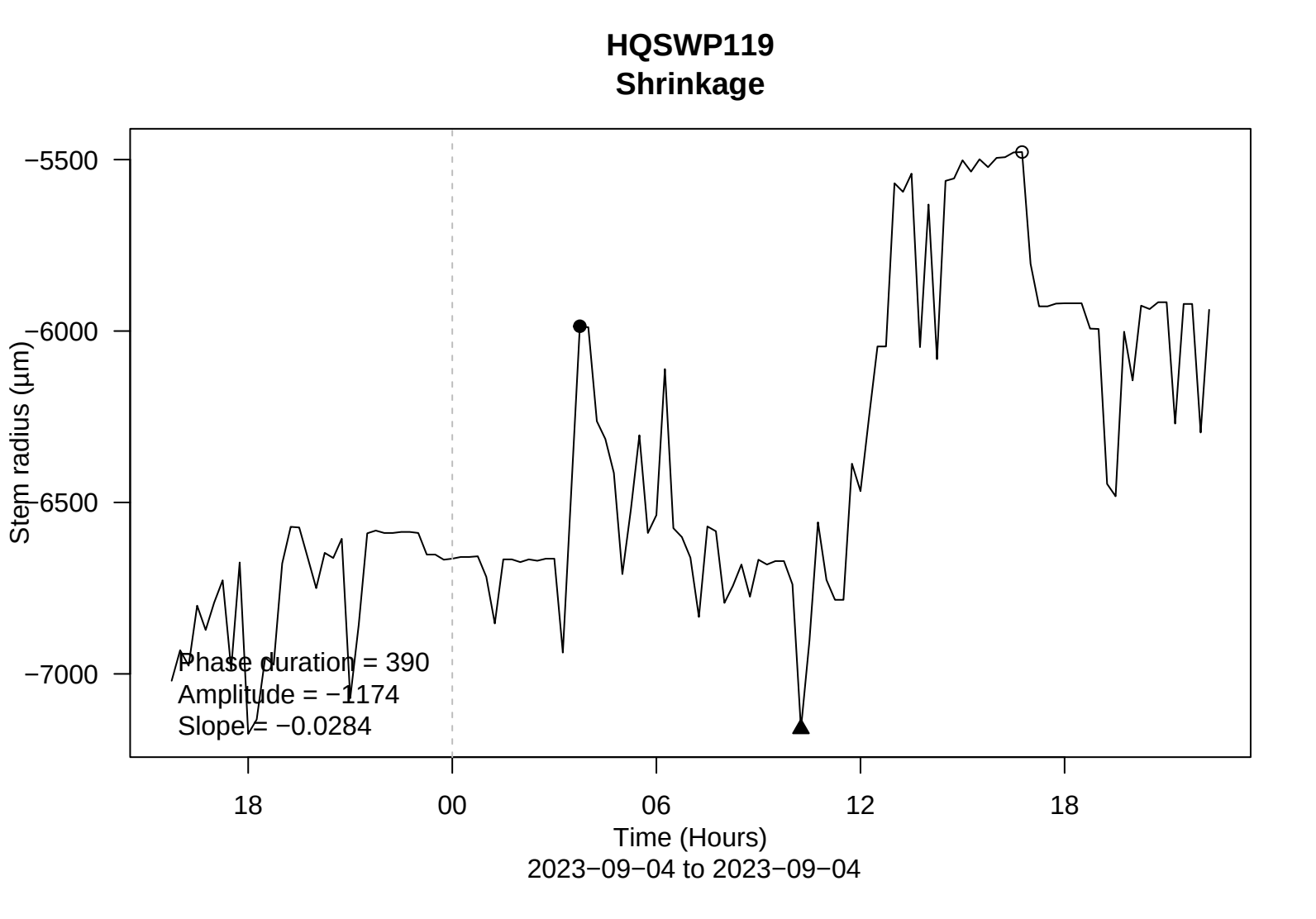

HQSWP119
Expansion
−4500
−5000
−5500
−6000
−6500
Stem radius (µm)
12
00
12
Time (Hours)
2023−08−31 to 2023−09−01
Phase duration = 645
Amplitude = 851
Slope = 0.0173

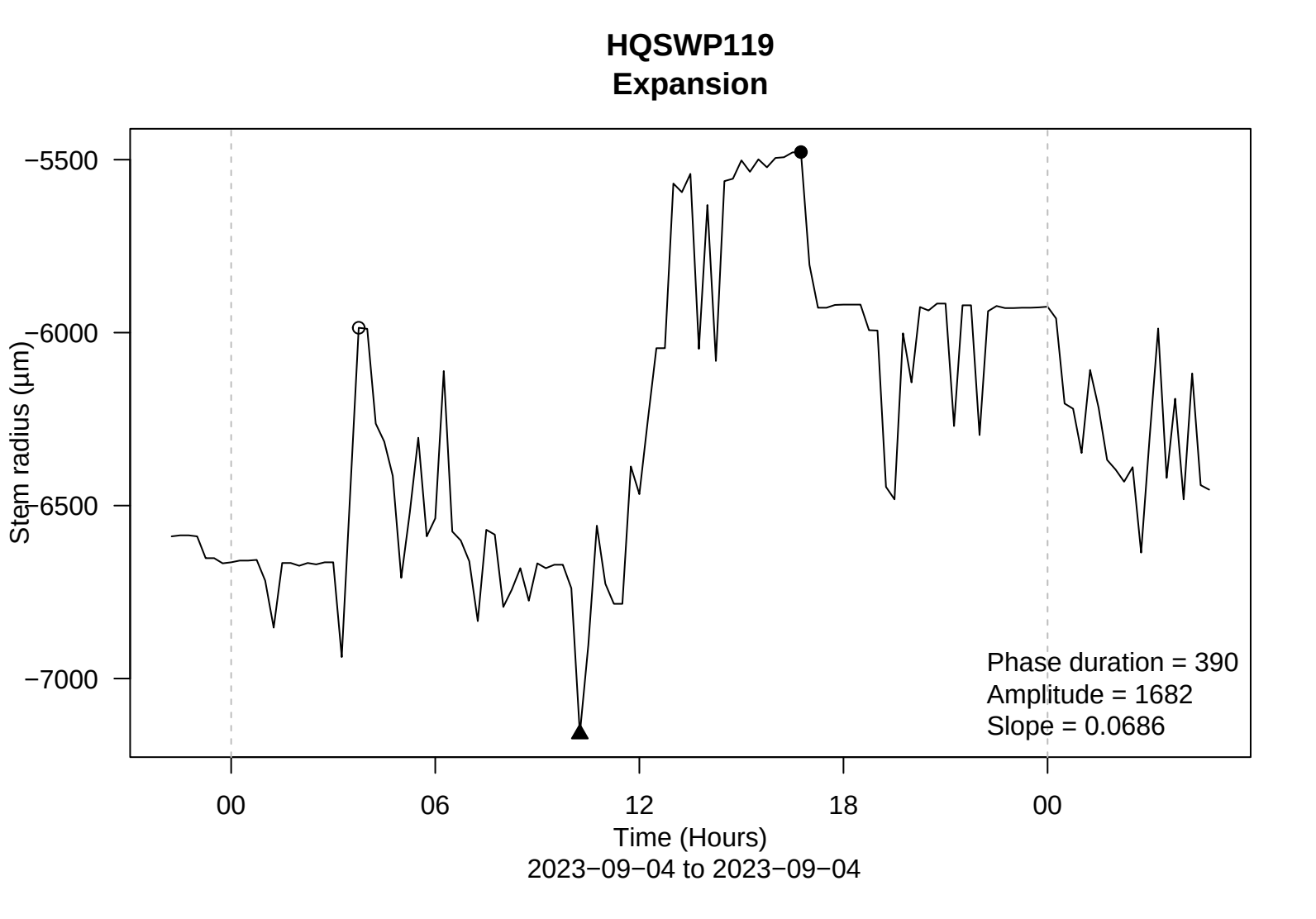

HQSWP119
Shrinkage
−5000
−5500
−6000
−6500
Stem radius (µm)
Phase duration = 465
Amplitude = −2103
Slope = −0.0614
12
00
12
Time (Hours)
2023−09−01 to 2023−09−01

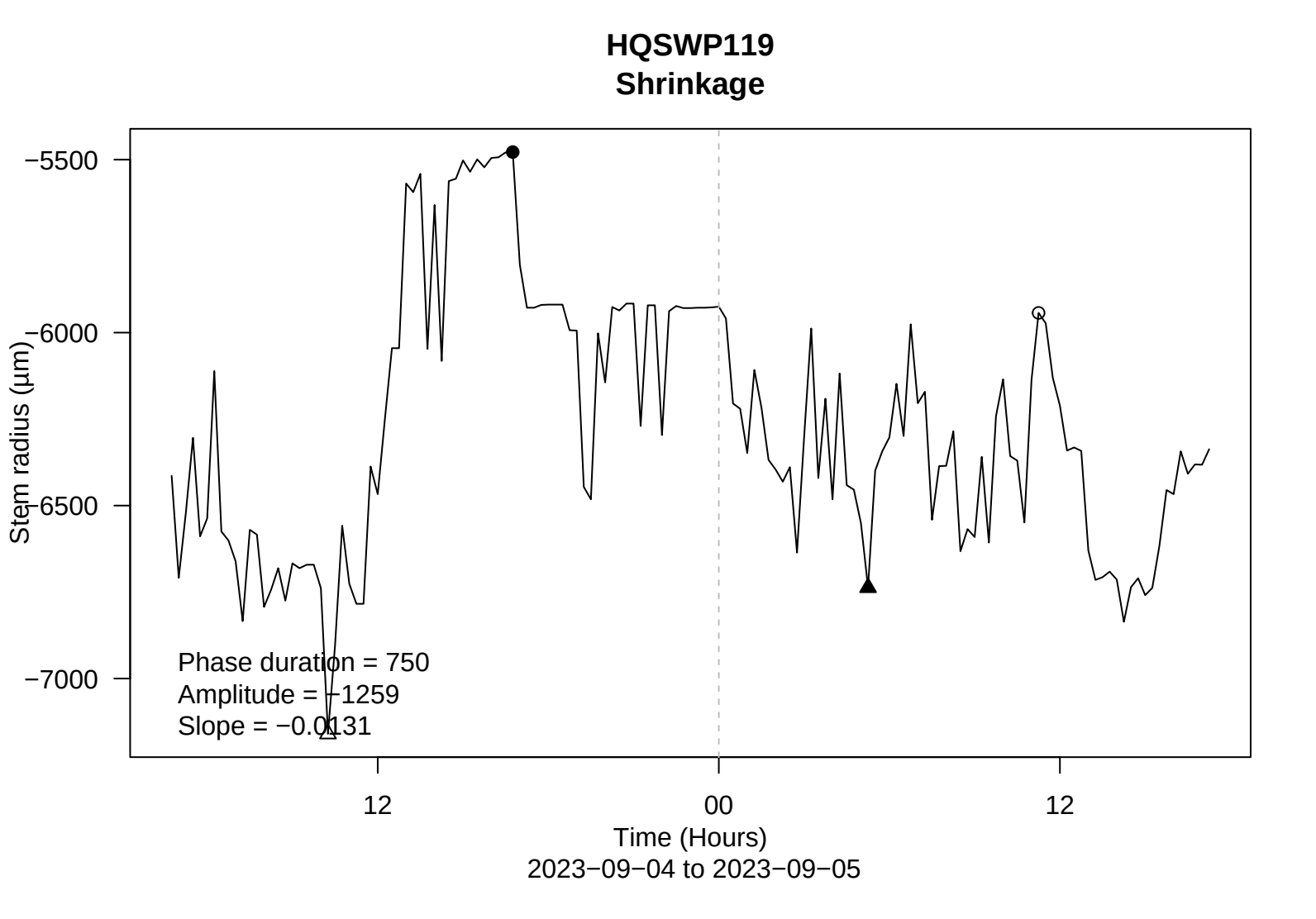

HQSWP119
Expansion
−5000
−5500
−6000
−6500
Stem radius (µm)
Phase duration = 315
Amplitude = 1545
Slope = 0.0732
00
06
12
18
00
Time (Hours)
2023−09−01 to 2023−09−01

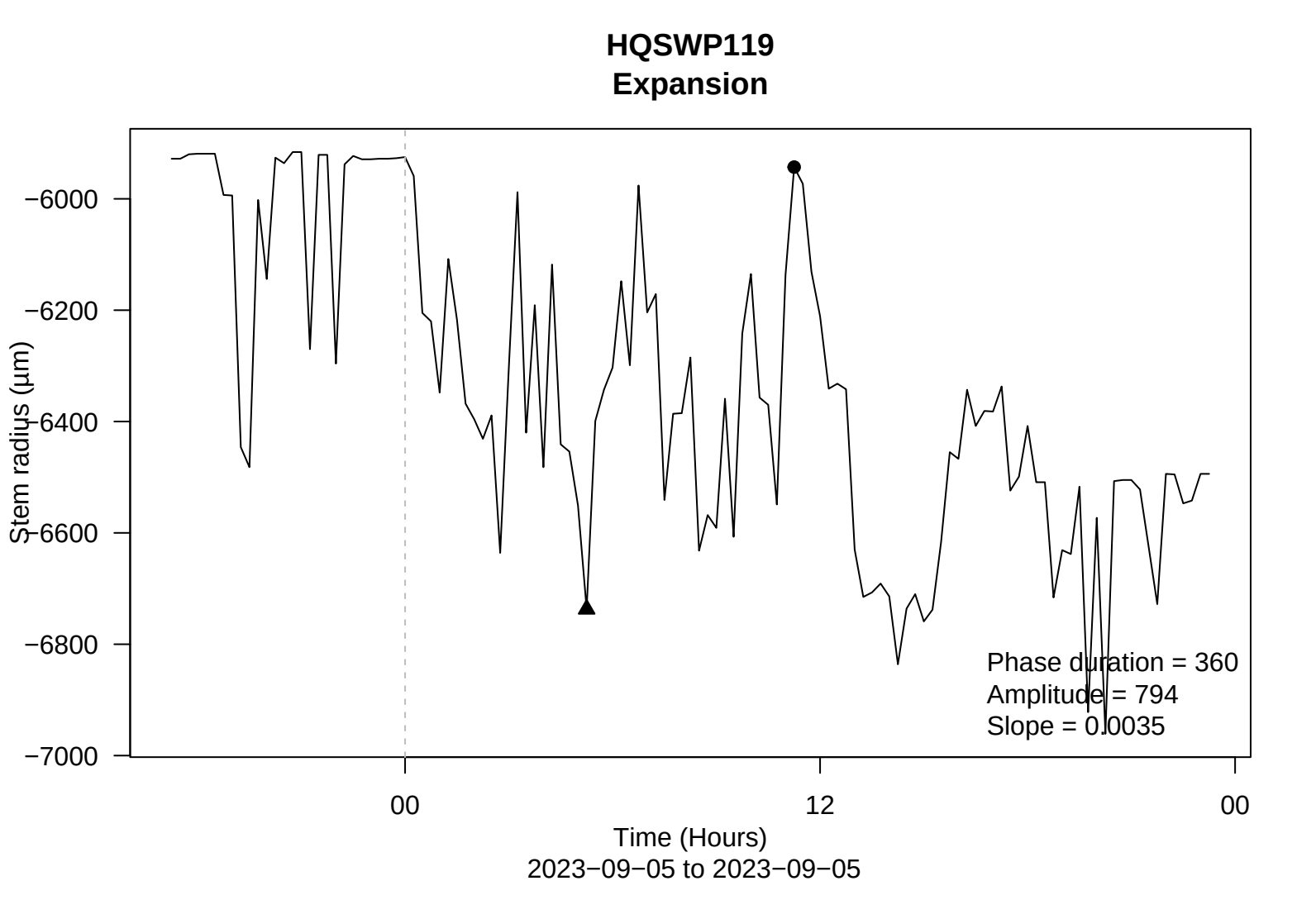

HQSWP119
Shrinkage
−5000
−5500
−6000
−6500
−7000
−7500
Stem radius (µm)
Phase duration = 2850
Amplitude = −2233
Slope = −0.009
00
00
00
00
Time (Hours)
2023−09−01 to 2023−09−03

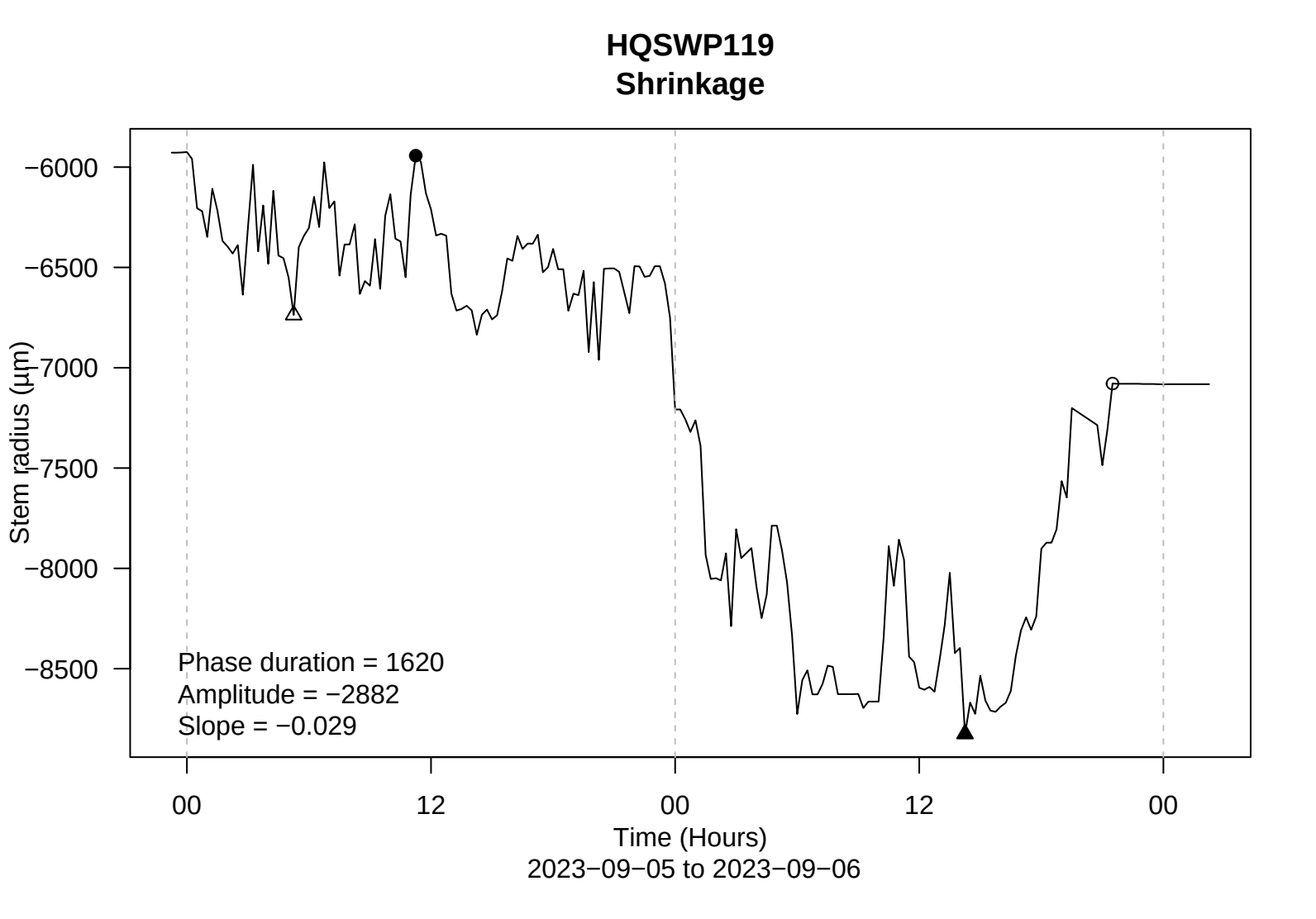

HQSWP119
Expansion
−5500
−6000
−6500
−7000
Stem radius (µm)
Phase duration = 870
Amplitude = 1430
Slope = 0.0132
00
12
00
12
Time (Hours)
2023−09−03 to 2023−09−04

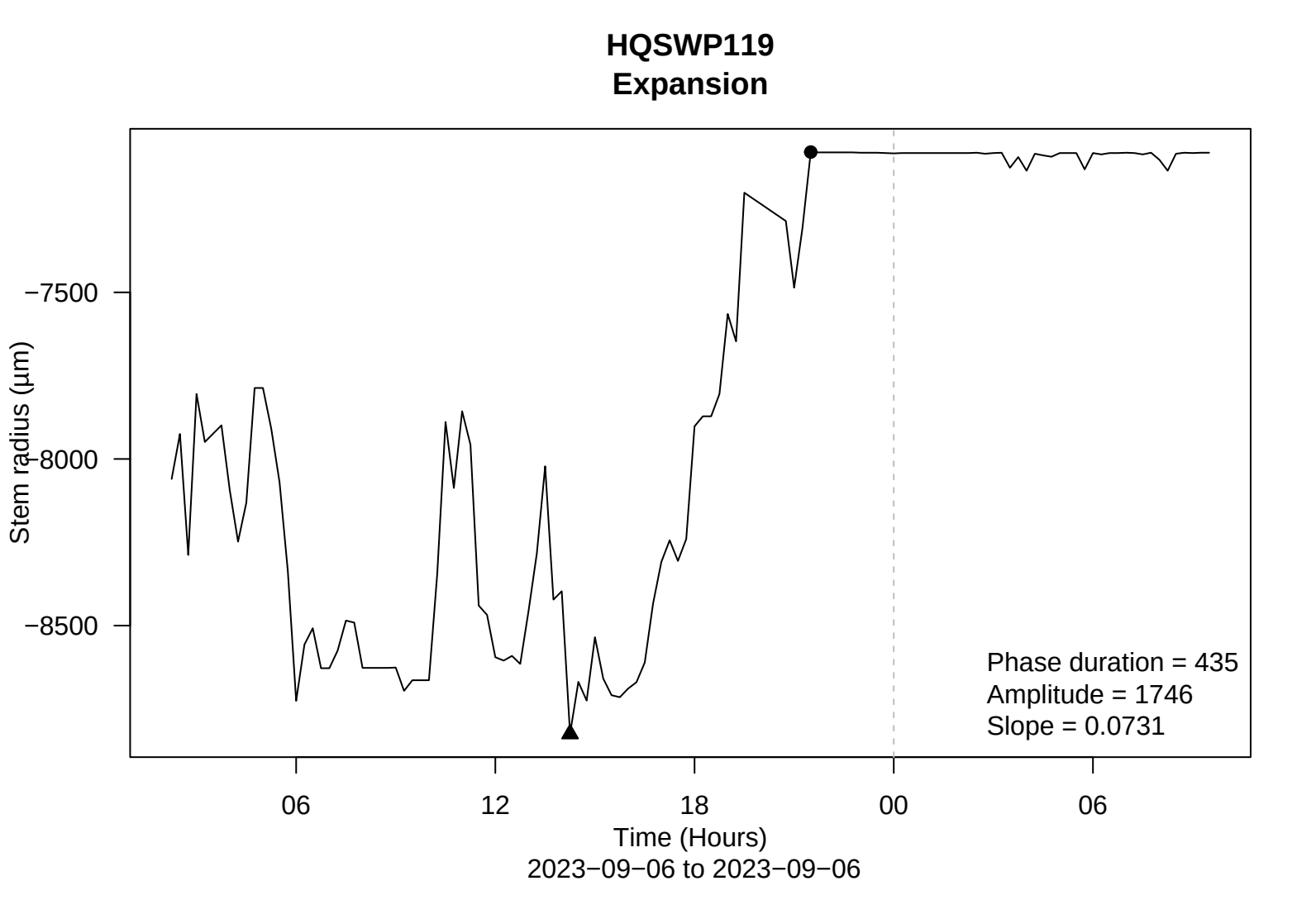

HQSWP119
Shrinkage
−5500
−6000
−6500
−7000
Stem radius (µm)
Phase duration = 390
Amplitude = −1174
Slope = −0.0284
18
00
06
12
18
Time (Hours)
2023−09−04 to 2023−09−04

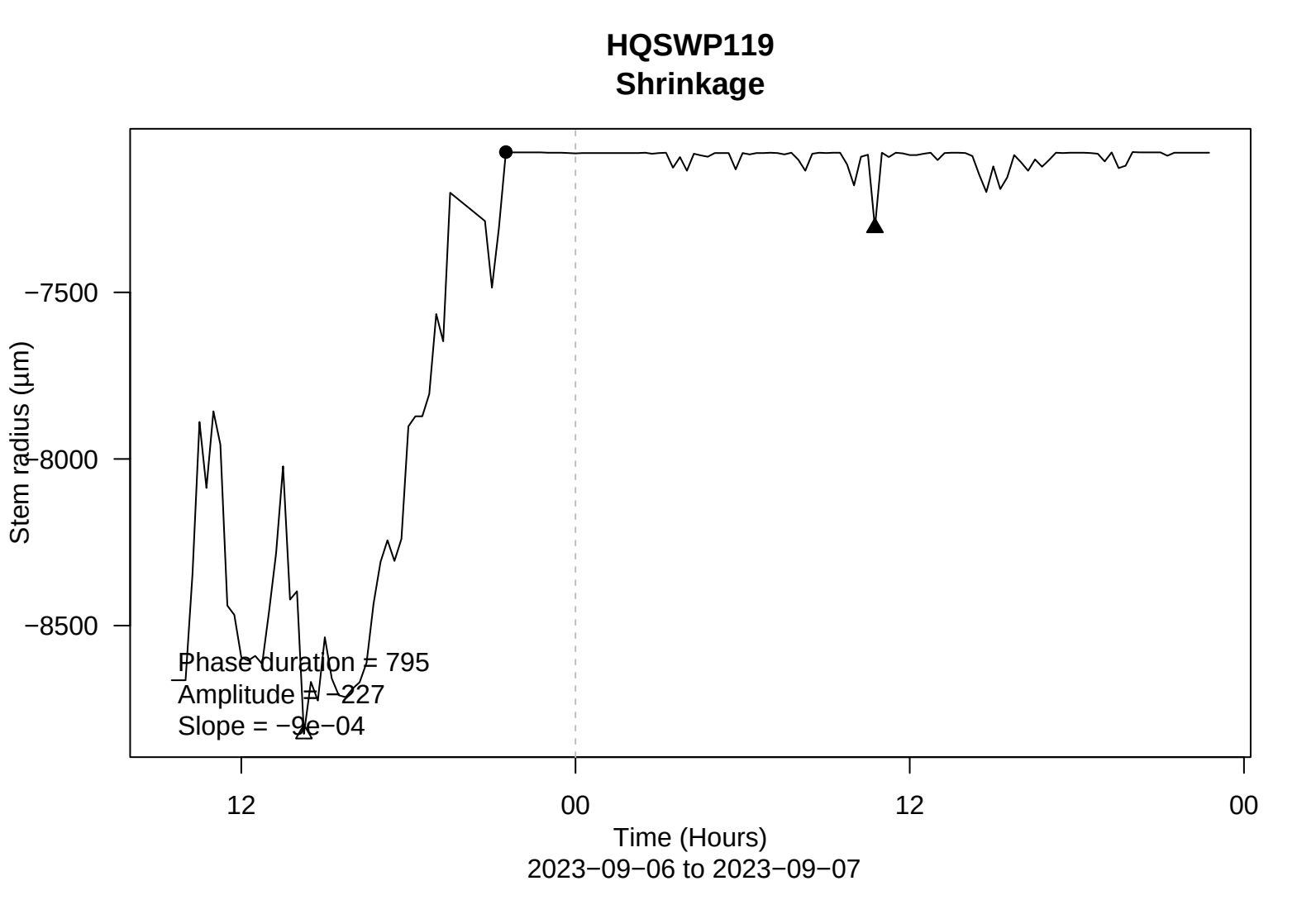

HQSWP119
Expansion
−5500
−6000
−6500
−7000
Stem radius (µm)
Phase duration = 390
Amplitude = 1682
Slope = 0.0686
00
06
12
18
00
Time (Hours)
2023−09−04 to 2023−09−04

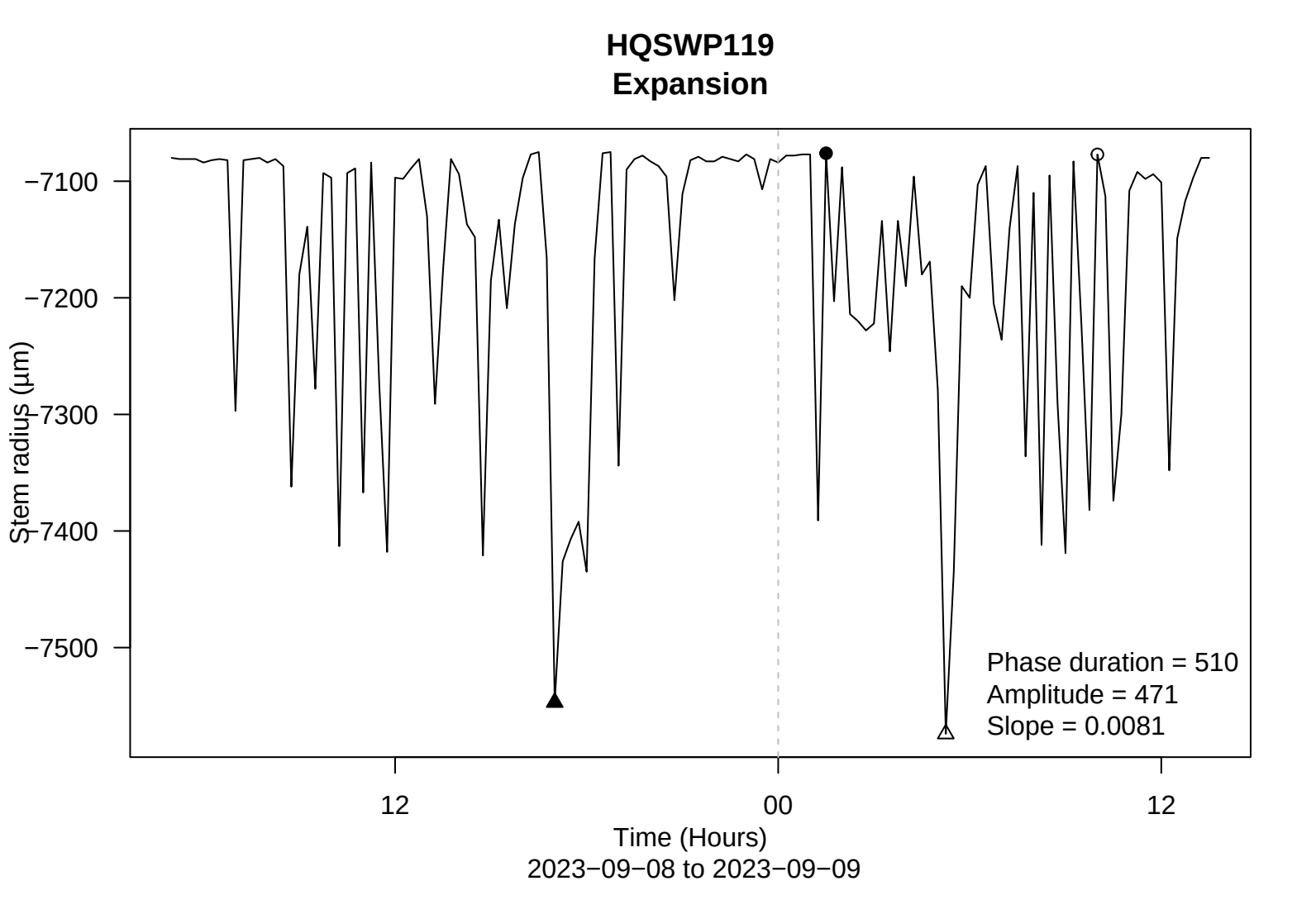

HQSWP119
Shrinkage
−5500
−6000
−6500
−7000
Stem radius (µm)
Phase duration = 750
Amplitude = −1259
Slope = −0.0131
12
00
12
Time (Hours)
2023−09−04 to 2023−09−05

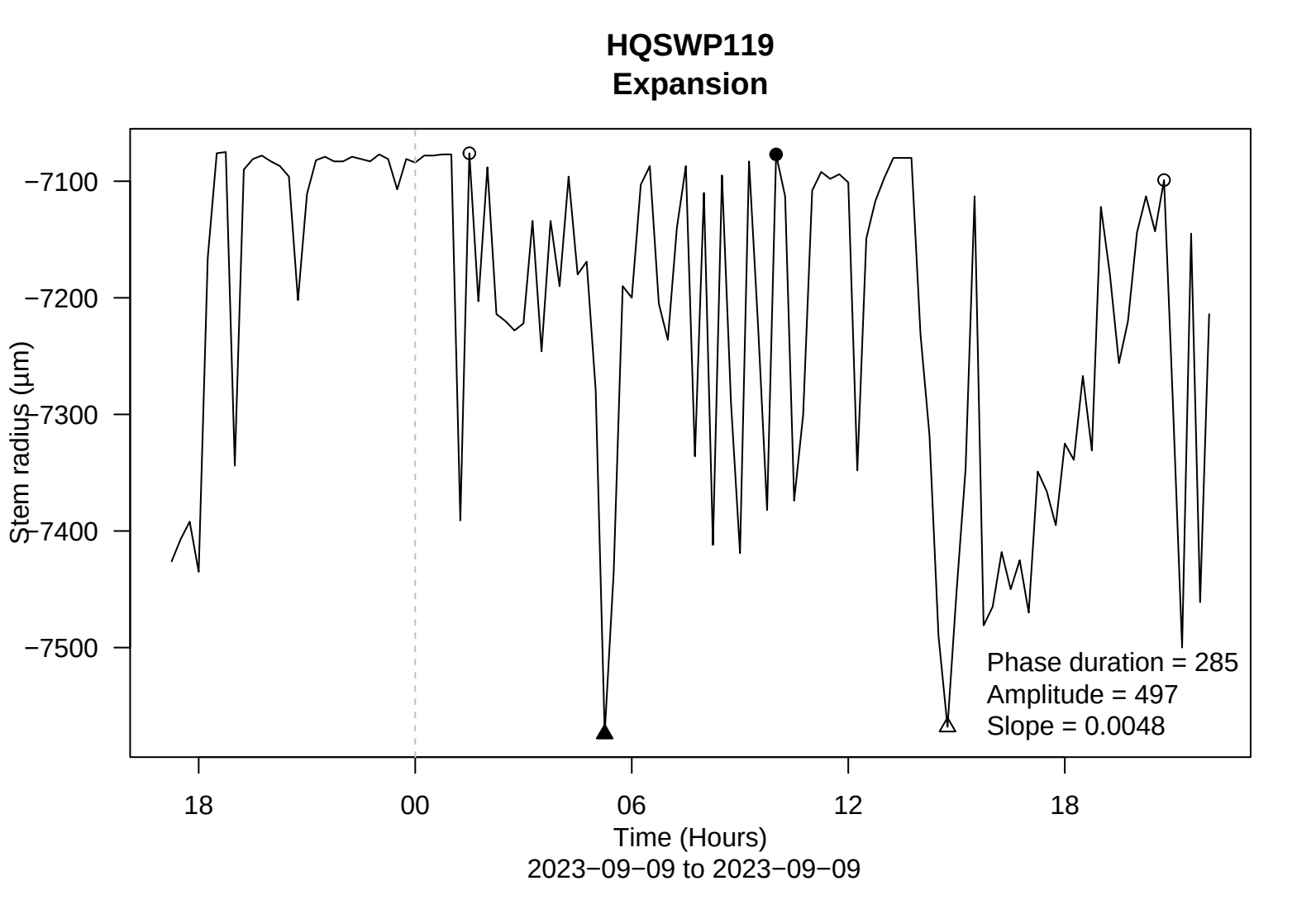

HQSWP119
Expansion
−6000
−6200
−6400
−6600
−6800
−7000
Stem radius (µm)
00
12
00
Time (Hours)
2023−09−05 to 2023−09−05
Phase duration = 360
Amplitude = 794
Slope = 0.0035

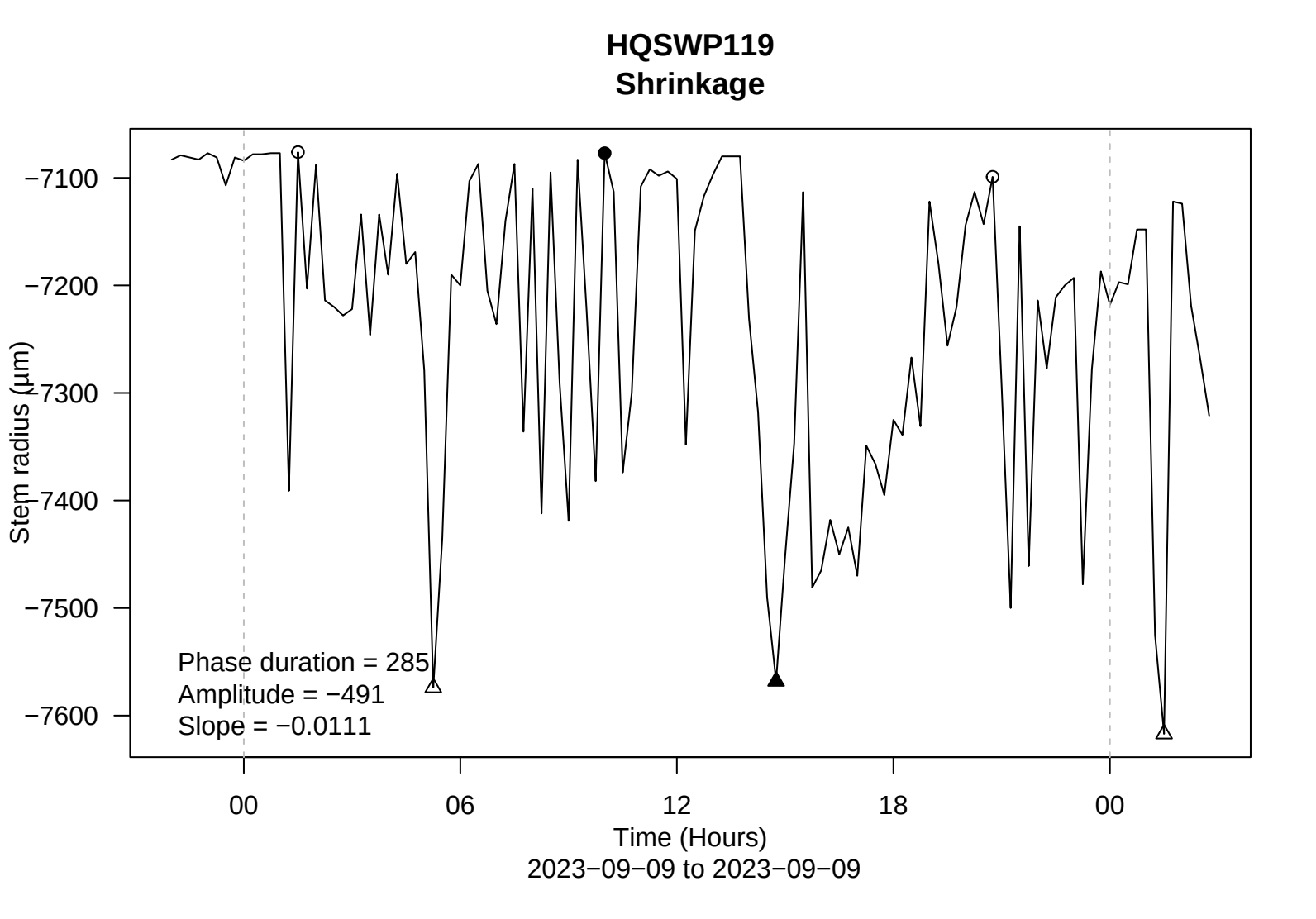

HQSWP119
Shrinkage
−6000
−6500
−7000
−7500
−8000
−8500
Stem radius (µm)
Phase duration = 1620
Amplitude = −2882
Slope = −0.029
00
12
00
12
00
Time (Hours)
2023−09−05 to 2023−09−06

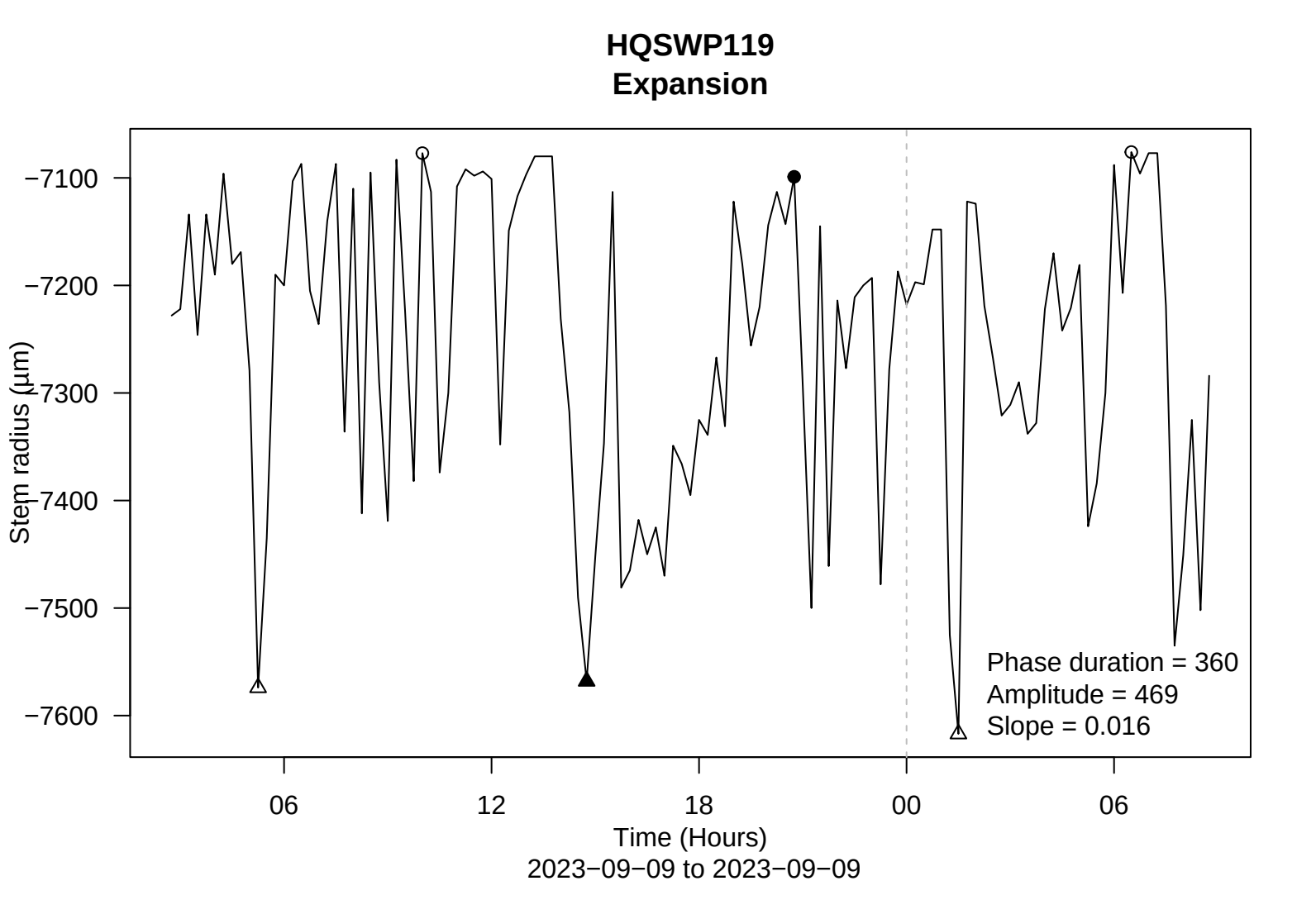

HQSWP119
Expansion
−7500
−8000
−8500
Stem radius (µm)
Phase duration = 435
Amplitude = 1746
Slope = 0.0731
06
12
18
00
06
Time (Hours)
2023−09−06 to 2023−09−06

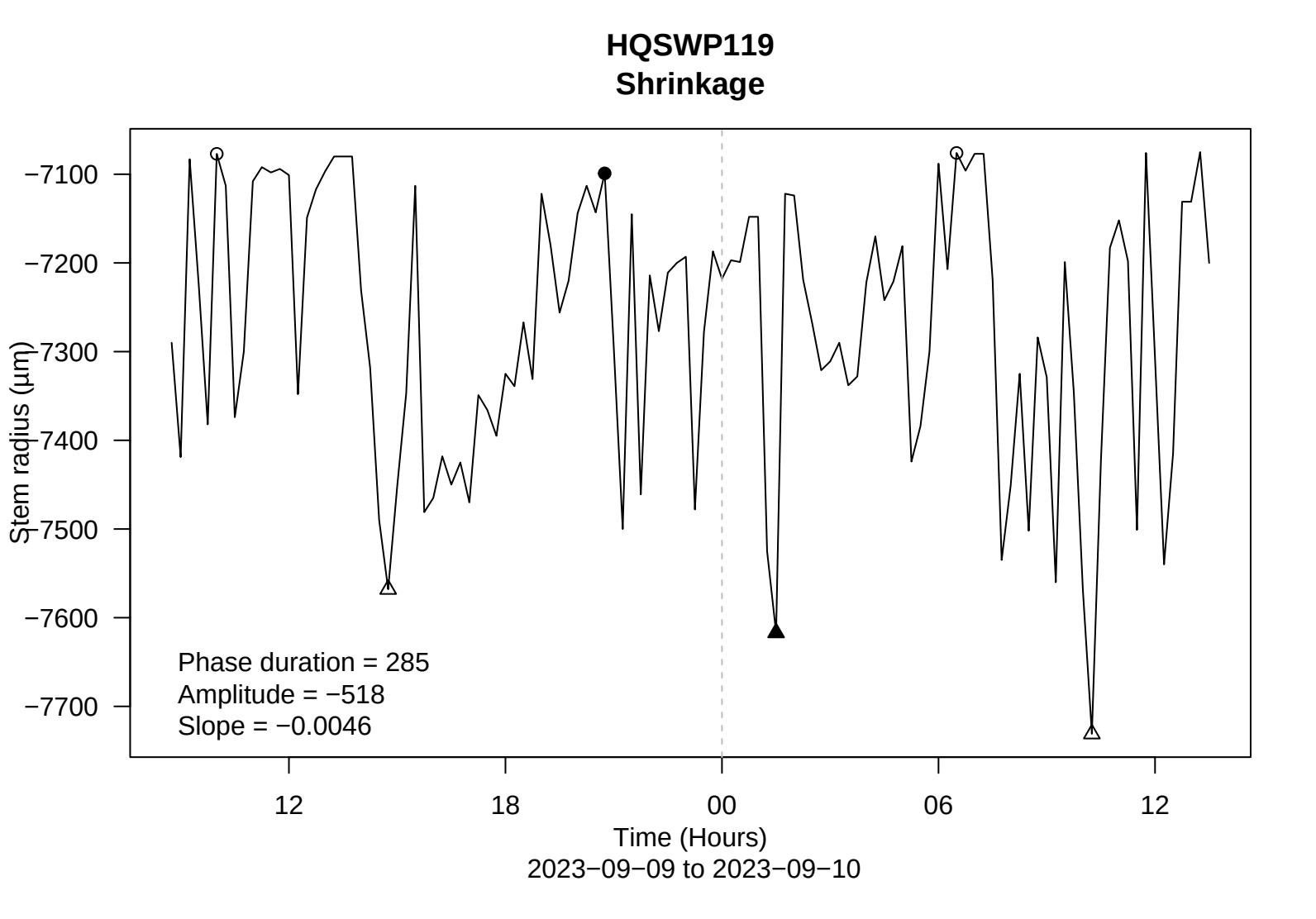

HQSWP119
Shrinkage
−7500
−8000
−8500
Stem radius (µm)
Phase duration = 795
Amplitude = −227
Slope = −9e−04
12
00
12
00
Time (Hours)
2023−09−06 to 2023−09−07

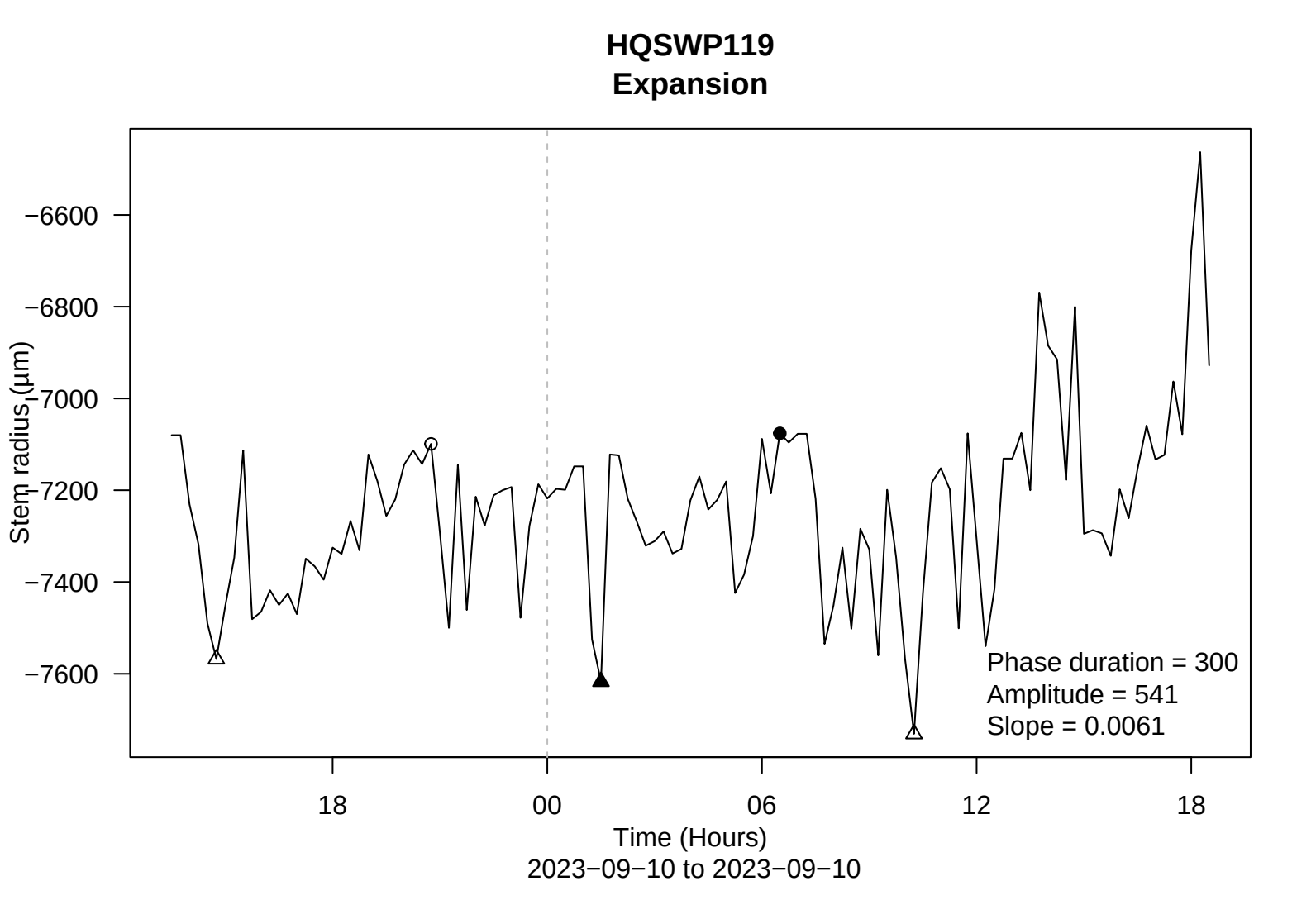

HQSWP119
Expansion
−7100
−7200
−7300
−7400
−7500
Stem radius (µm)
Phase duration = 510
Amplitude = 471
Slope = 0.0081
12
00
12
Time (Hours)
2023−09−08 to 2023−09−09

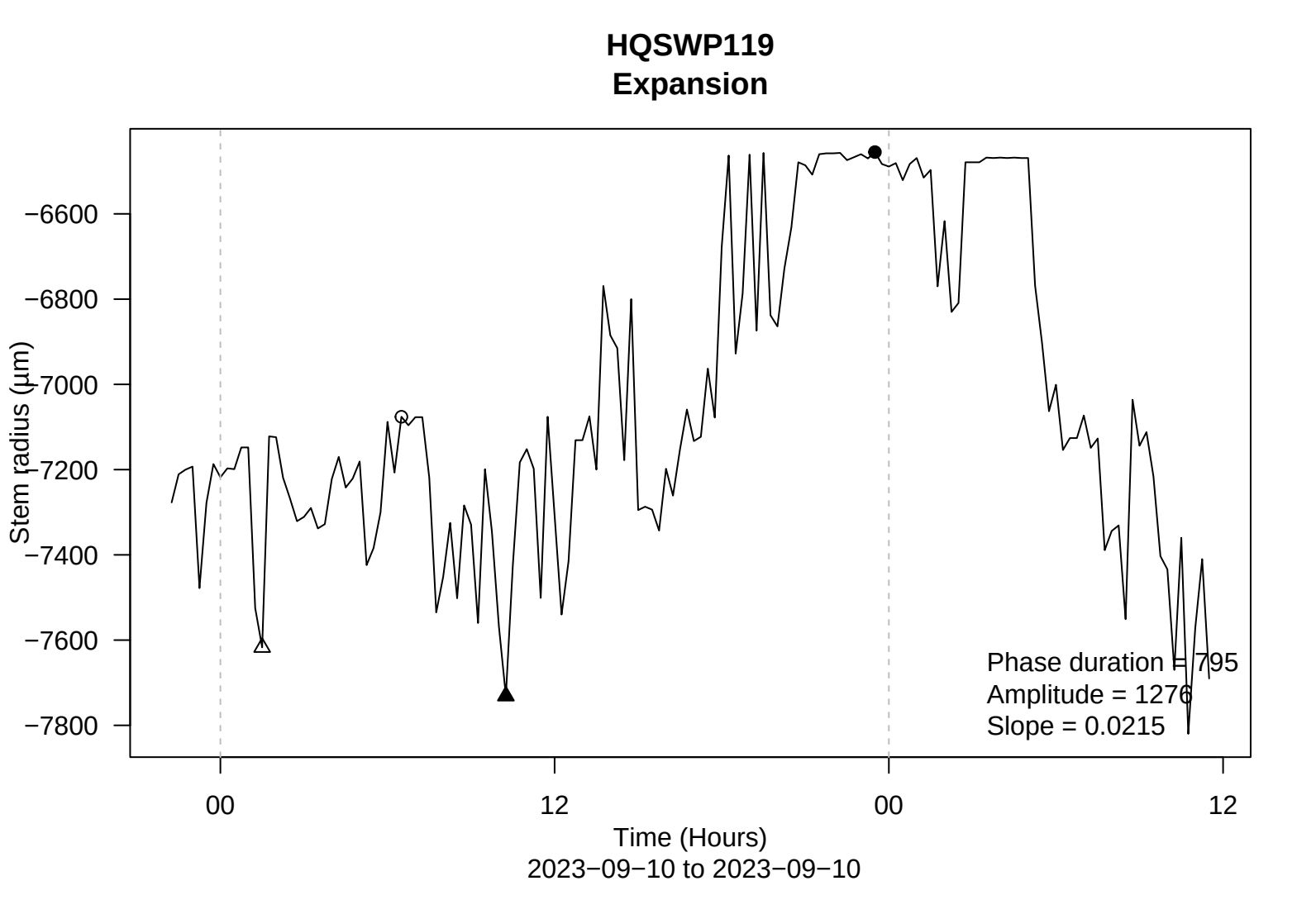

HQSWP119
Expansion
−7100
−7200
−7300
−7400
−7500
Stem radius (µm)
Phase duration = 285
Amplitude = 497
Slope = 0.0048
18
00
06
12
18
Time (Hours)
2023−09−09 to 2023−09−09

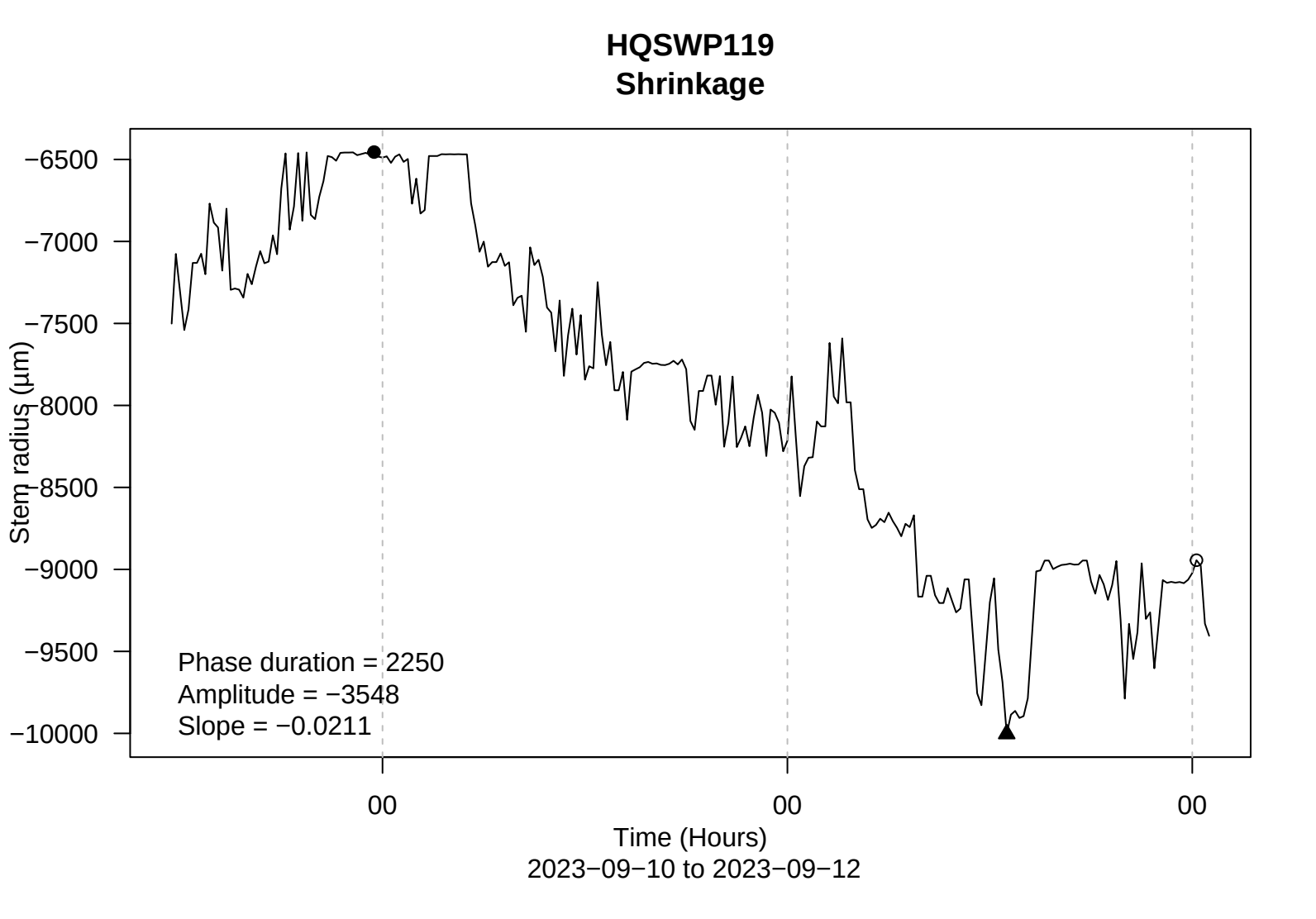

HQSWP119
Shrinkage
−7100
−7200
−7300
−7400
−7500
−7600
Stem radius (µm)
Phase duration = 285
Amplitude = −491
Slope = −0.0111
00
06
12
18
00
Time (Hours)
2023−09−09 to 2023−09−09

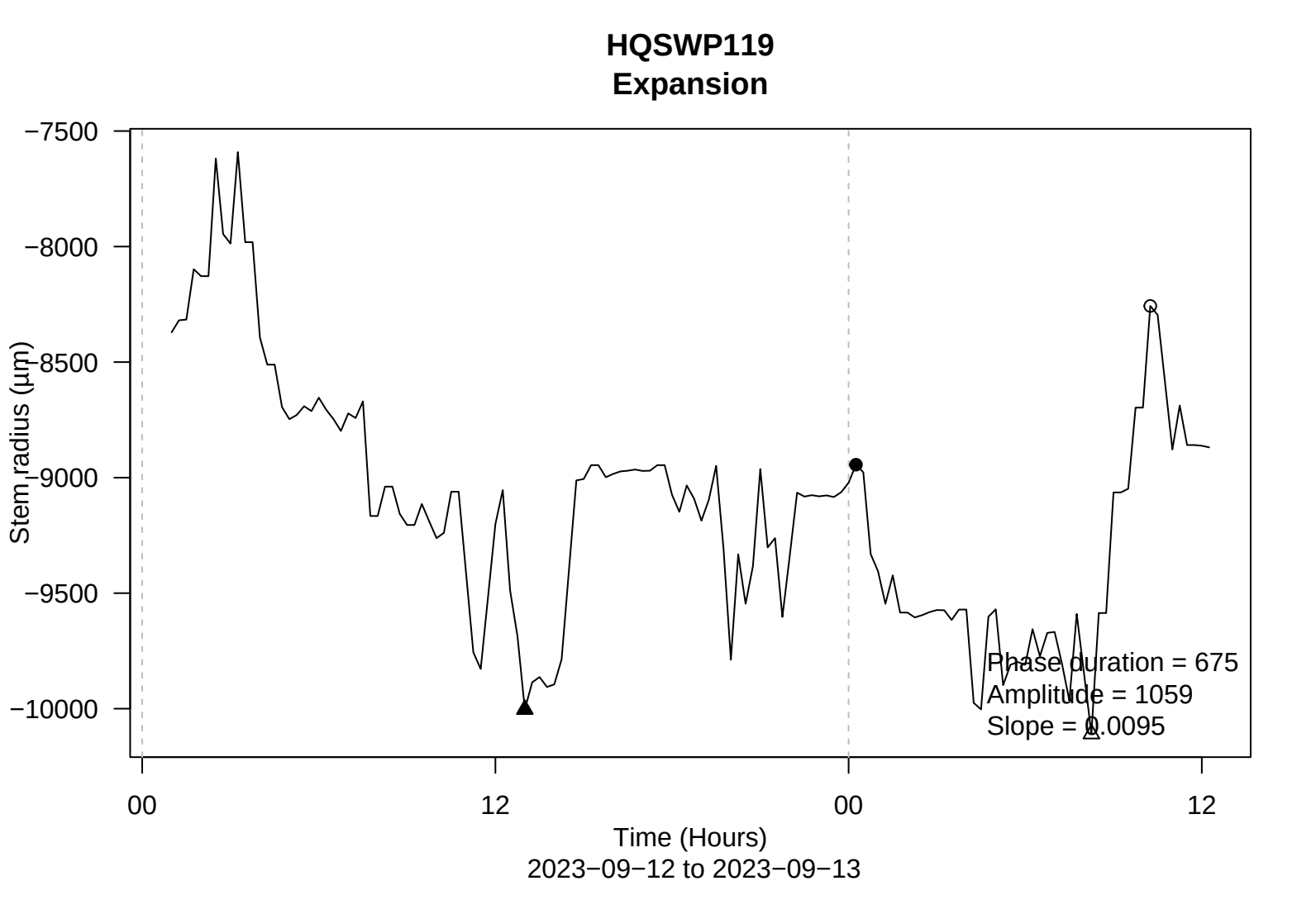

HQSWP119
Expansion
−7100
−7200
−7300
−7400
−7500
−7600
Stem radius (µm)
06
12
18
00
06
Time (Hours)
2023−09−09 to 2023−09−09
Phase duration = 360
Amplitude = 469
Slope = 0.016

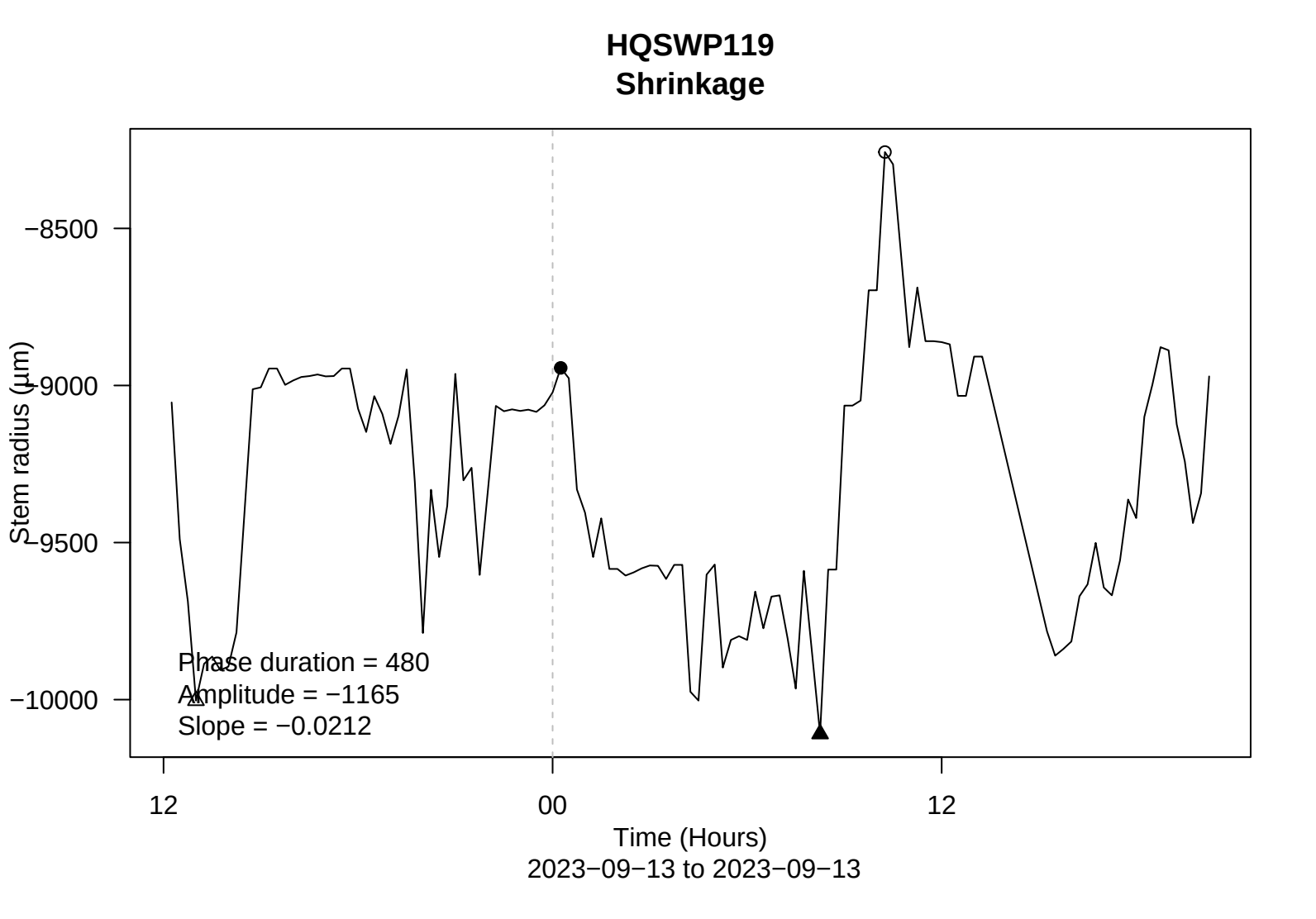

HQSWP119
Shrinkage
−7100
−7200
−7300
−7400
−7500
−7600
−7700
Stem radius (µm)
Phase duration = 285
Amplitude = −518
Slope = −0.0046
12
18
00
06
12
Time (Hours)
2023−09−09 to 2023−09−10

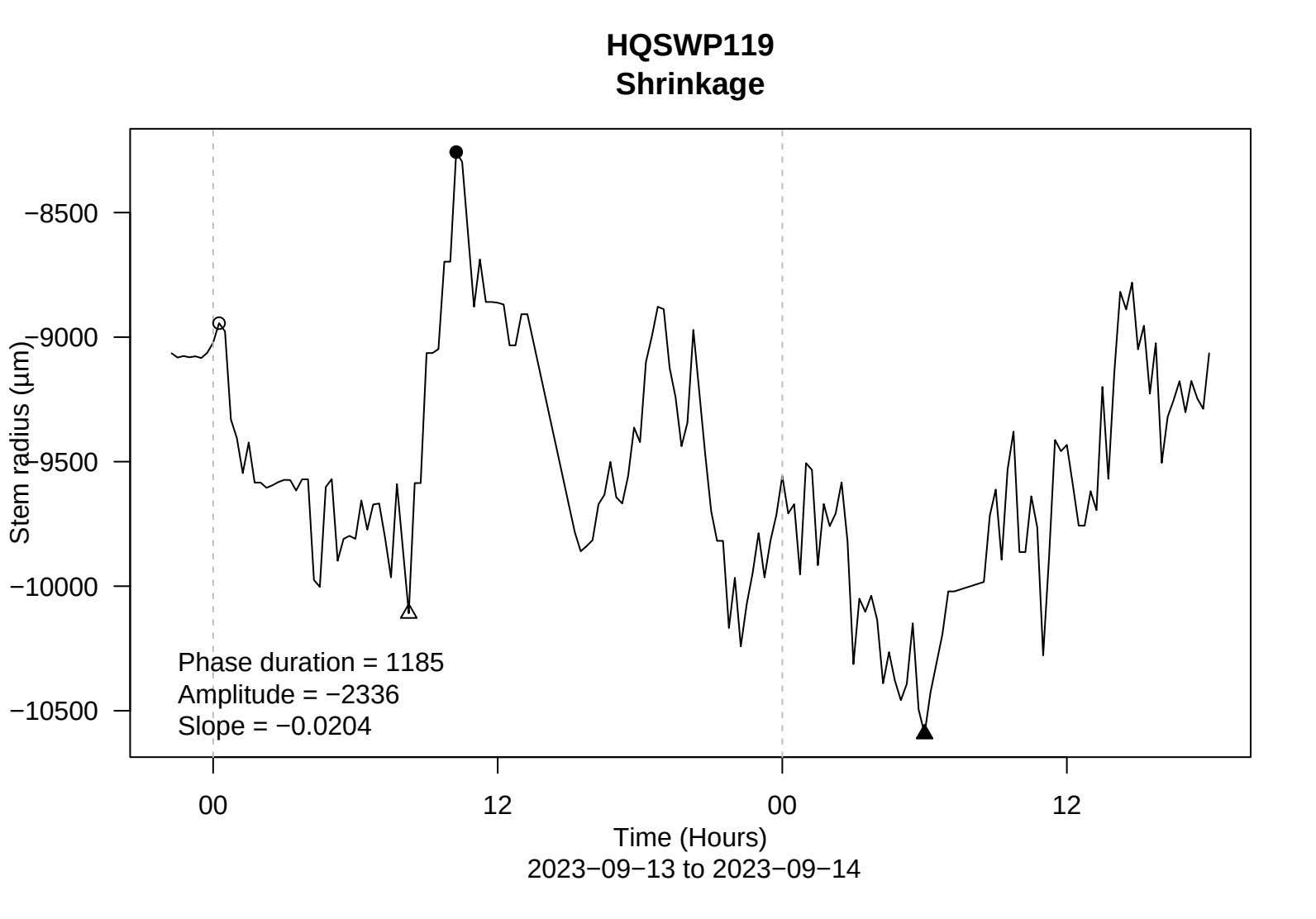

HQSWP119
Expansion
−6600
−6800
−7000
−7200
−7400
−7600
Stem radius (µm)
Phase duration = 300
Amplitude = 541
Slope = 0.0061
18
00
06
12
18
Time (Hours)
2023−09−10 to 2023−09−10

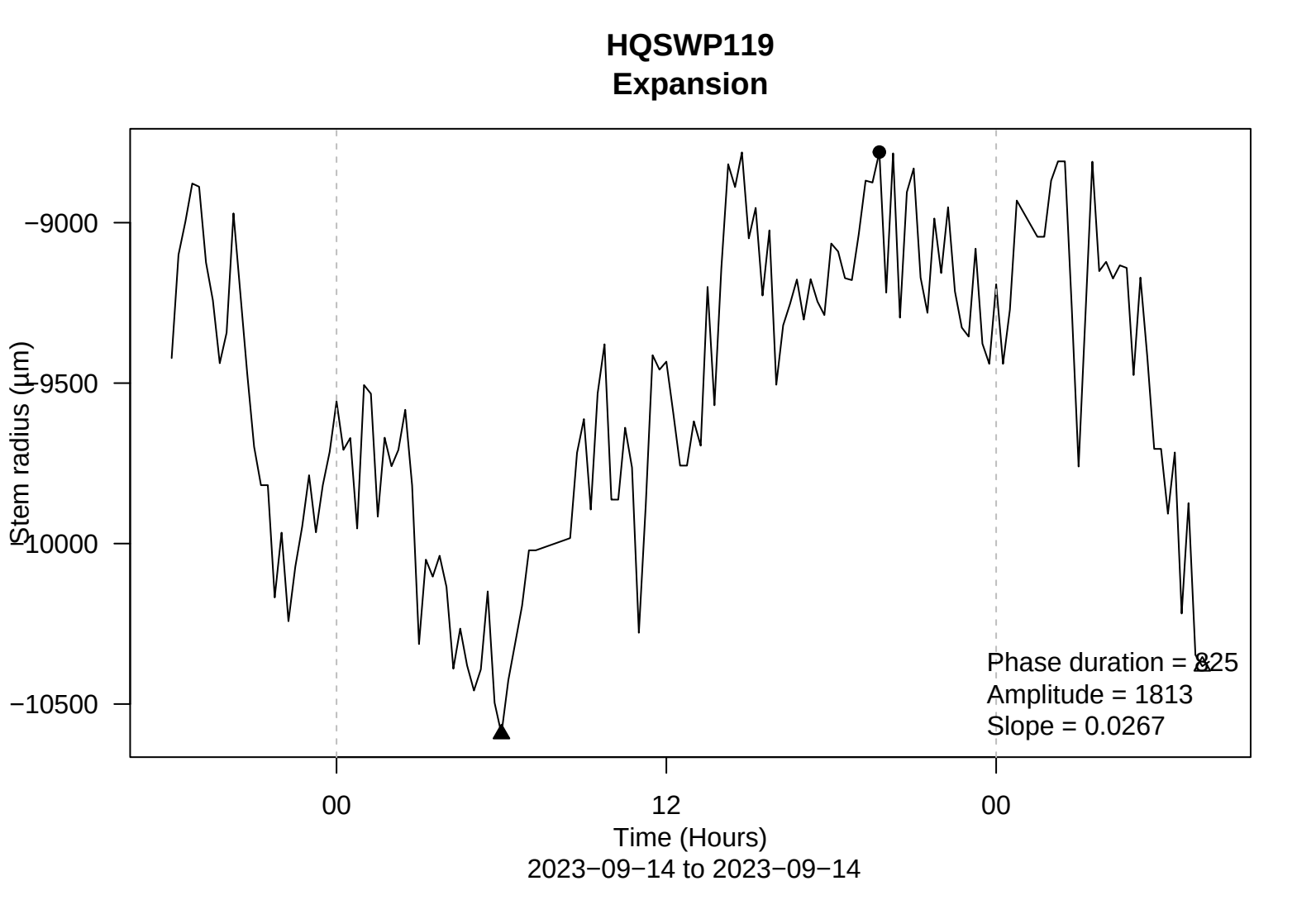

HQSWP119
Expansion
−6600
−6800
−7000
−7200
−7400
−7600
−7800
Stem radius (µm)
Phase duration = 795
Amplitude = 1276
Slope = 0.0215
00
12
00
12
Time (Hours)
2023−09−10 to 2023−09−10

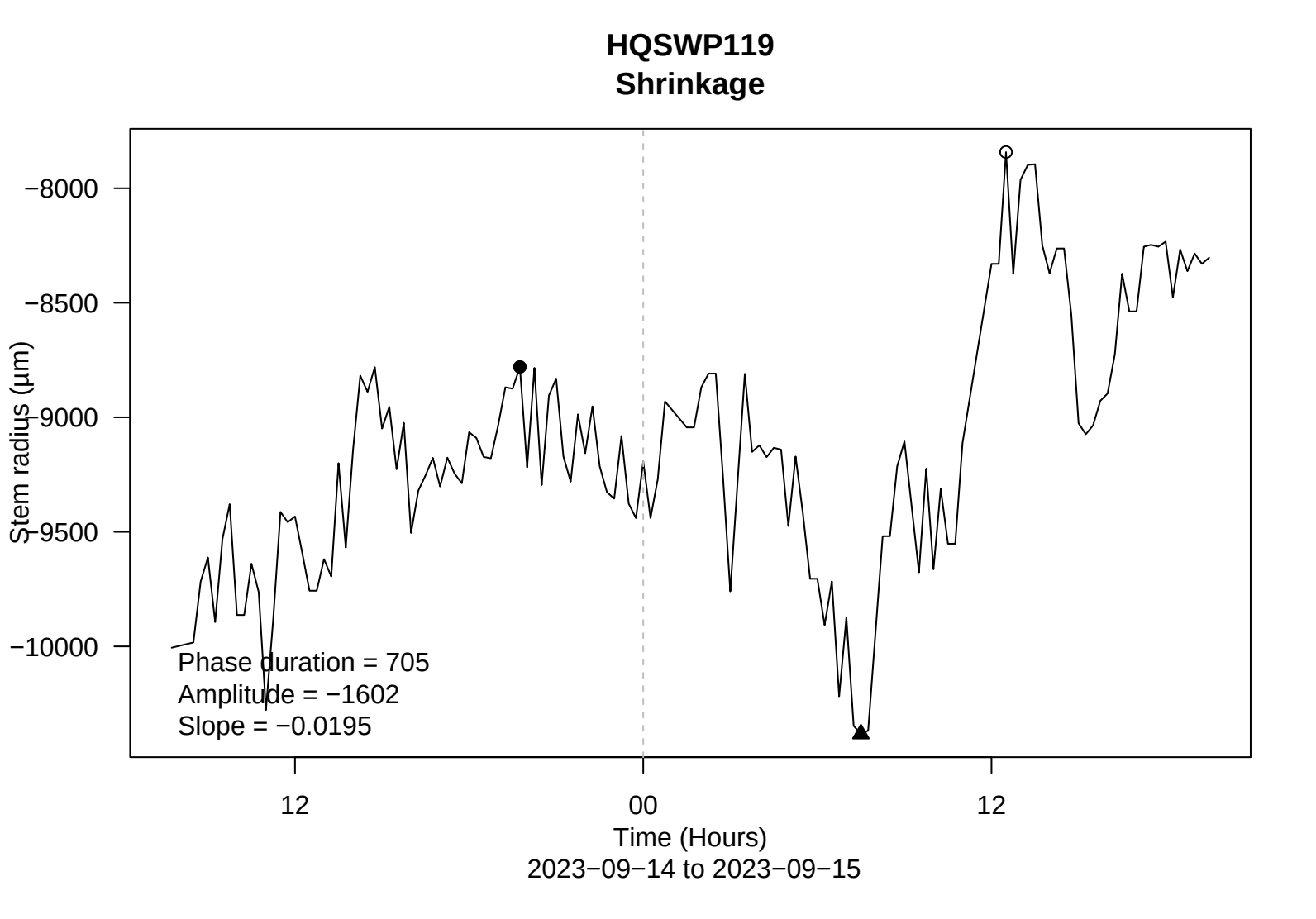

HQSWP119
Shrinkage
−6500
−7000
−7500
−8000
−8500
−9000
−9500
−10000
Stem radius (µm)
Phase duration = 2250
Amplitude = −3548
Slope = −0.0211
00
00
00
Time (Hours)
2023−09−10 to 2023−09−12

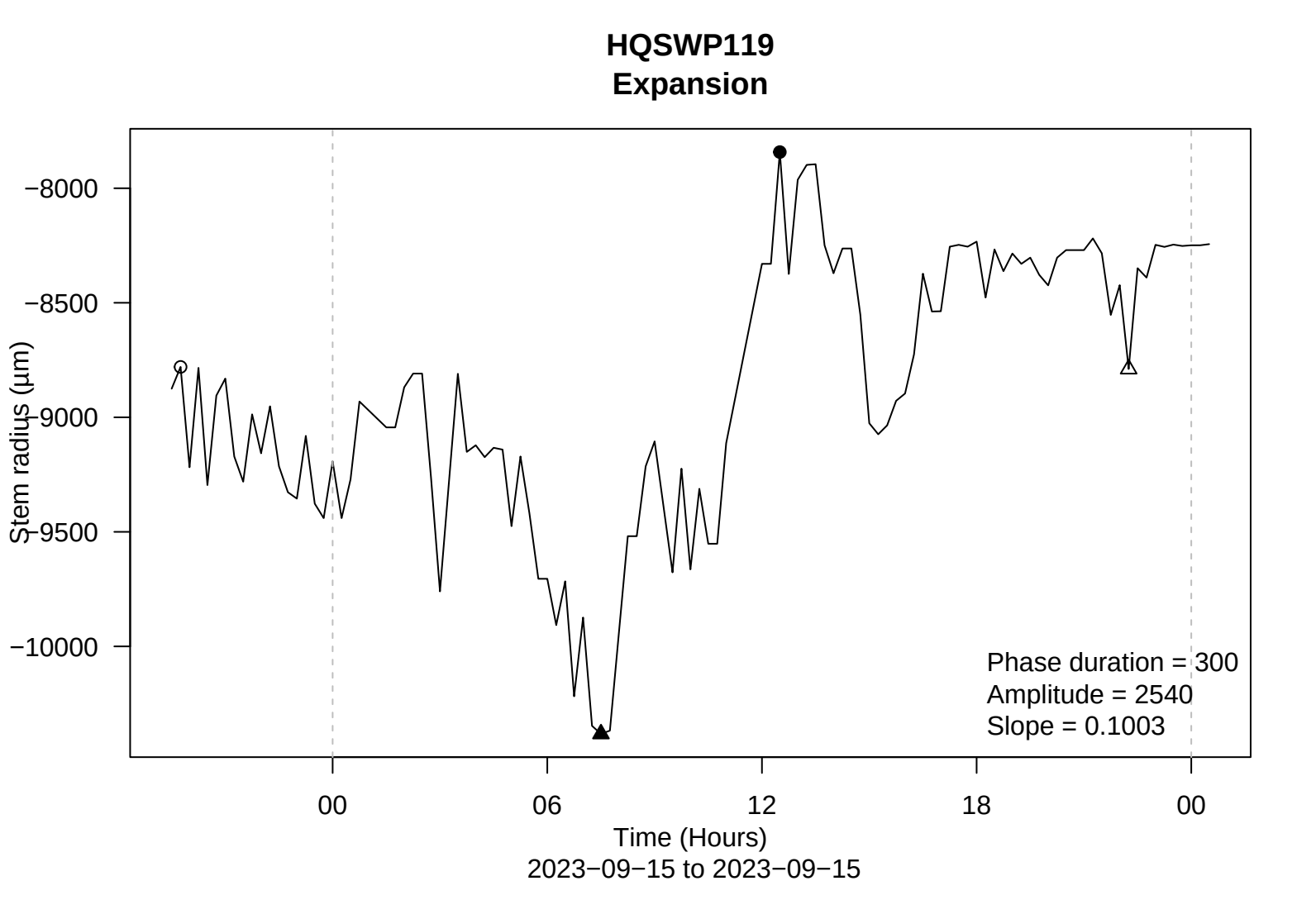

HQSWP119
Expansion
−7500
−8000
−8500
−9000
−9500
−10000
Stem radius (µm)
Phase duration = 675
Amplitude = 1059
Slope = 0.0095
00
12
00
12
Time (Hours)
2023−09−12 to 2023−09−13

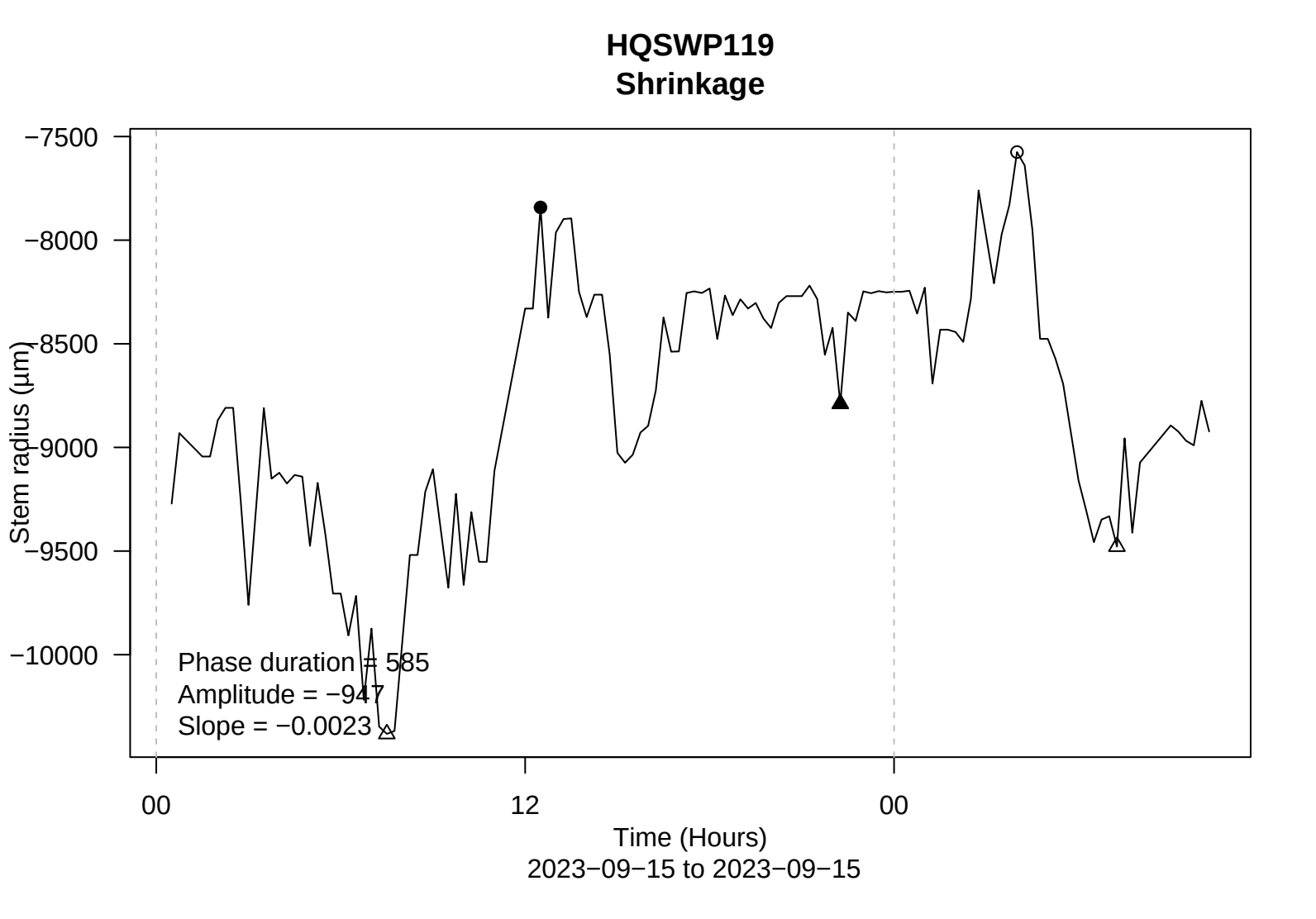

HQSWP119
Shrinkage
−8500
−9000
−9500
−10000
Stem radius (µm)
Phase duration = 480
Amplitude = −1165
Slope = −0.0212
12
00
12
Time (Hours)
2023−09−13 to 2023−09−13

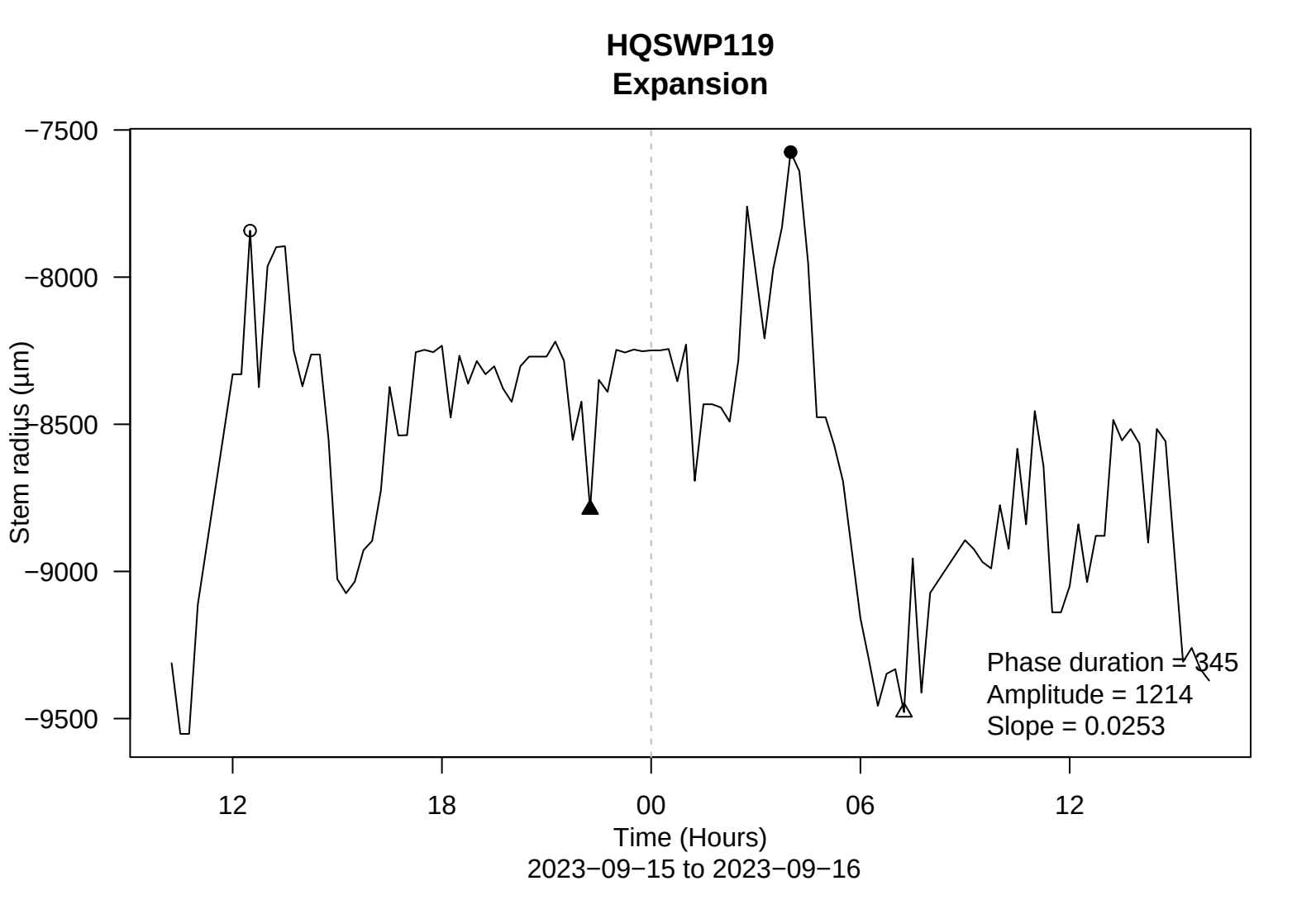

HQSWP119
Shrinkage
−8500
−9000
−9500
−10000
−10500
Stem radius (µm)
Phase duration = 1185
Amplitude = −2336
Slope = −0.0204
00
12
00
12
Time (Hours)
2023−09−13 to 2023−09−14

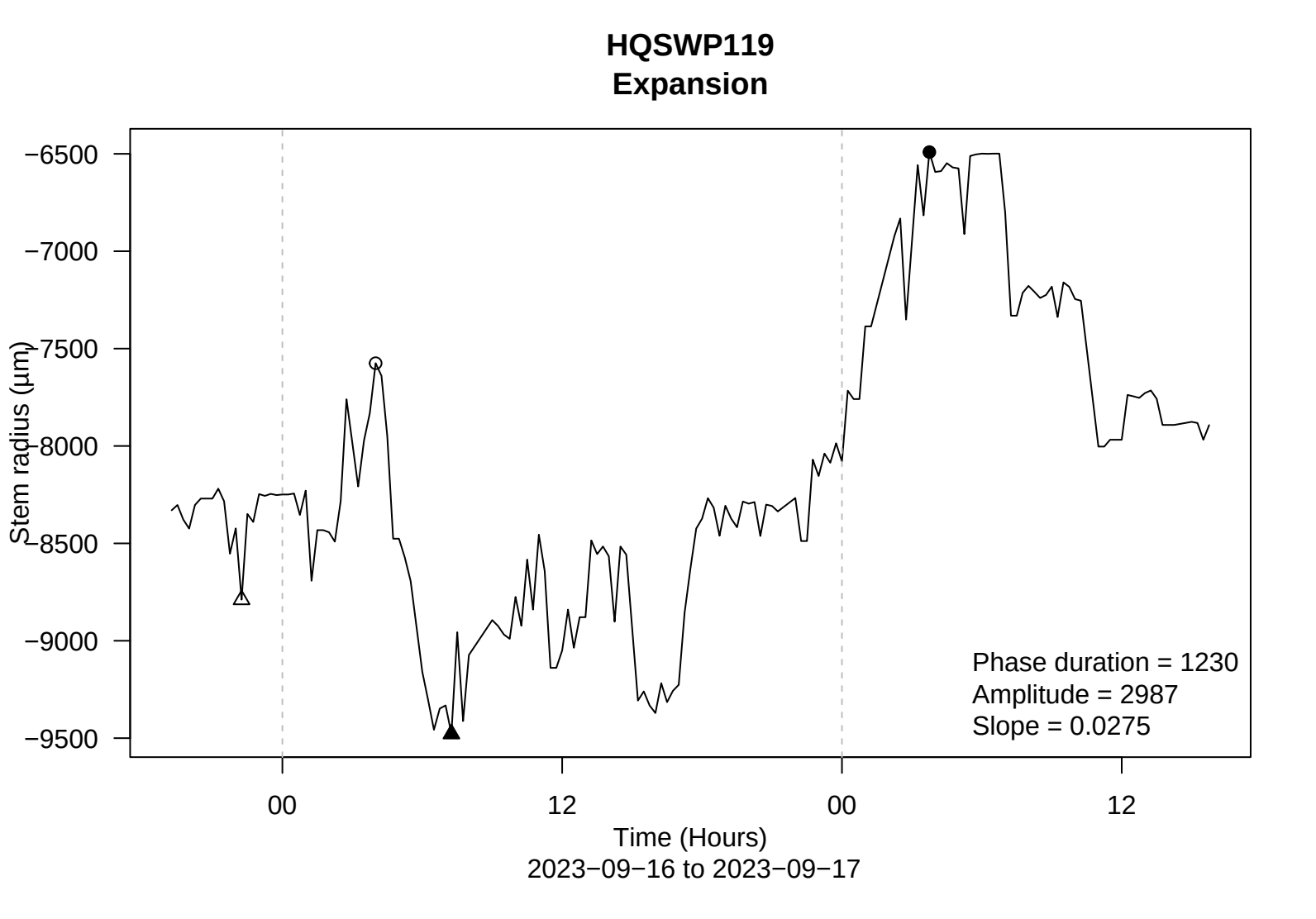

HQSWP119
Expansion
−9000
−9500
−10000
−10500
Stem radius (µm)
Phase duration = 825
Amplitude = 1813
Slope = 0.0267
00
12
00
Time (Hours)
2023−09−14 to 2023−09−14

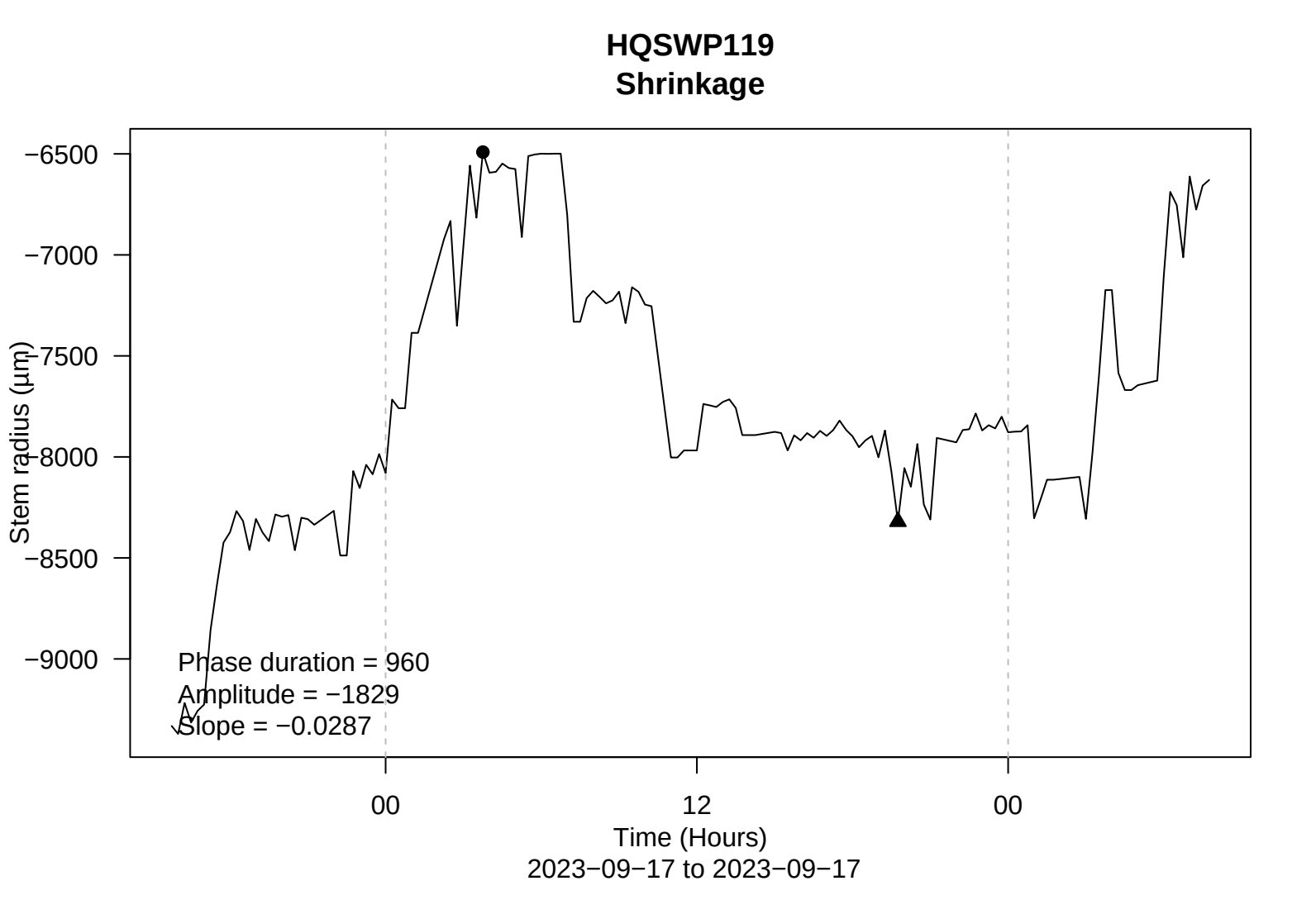

HQSWP119
Shrinkage
−8000
−8500
−9000
−9500
−10000
Stem radius (µm)
Phase duration = 705
Amplitude = −1602
Slope = −0.0195
12
00
12
Time (Hours)
2023−09−14 to 2023−09−15

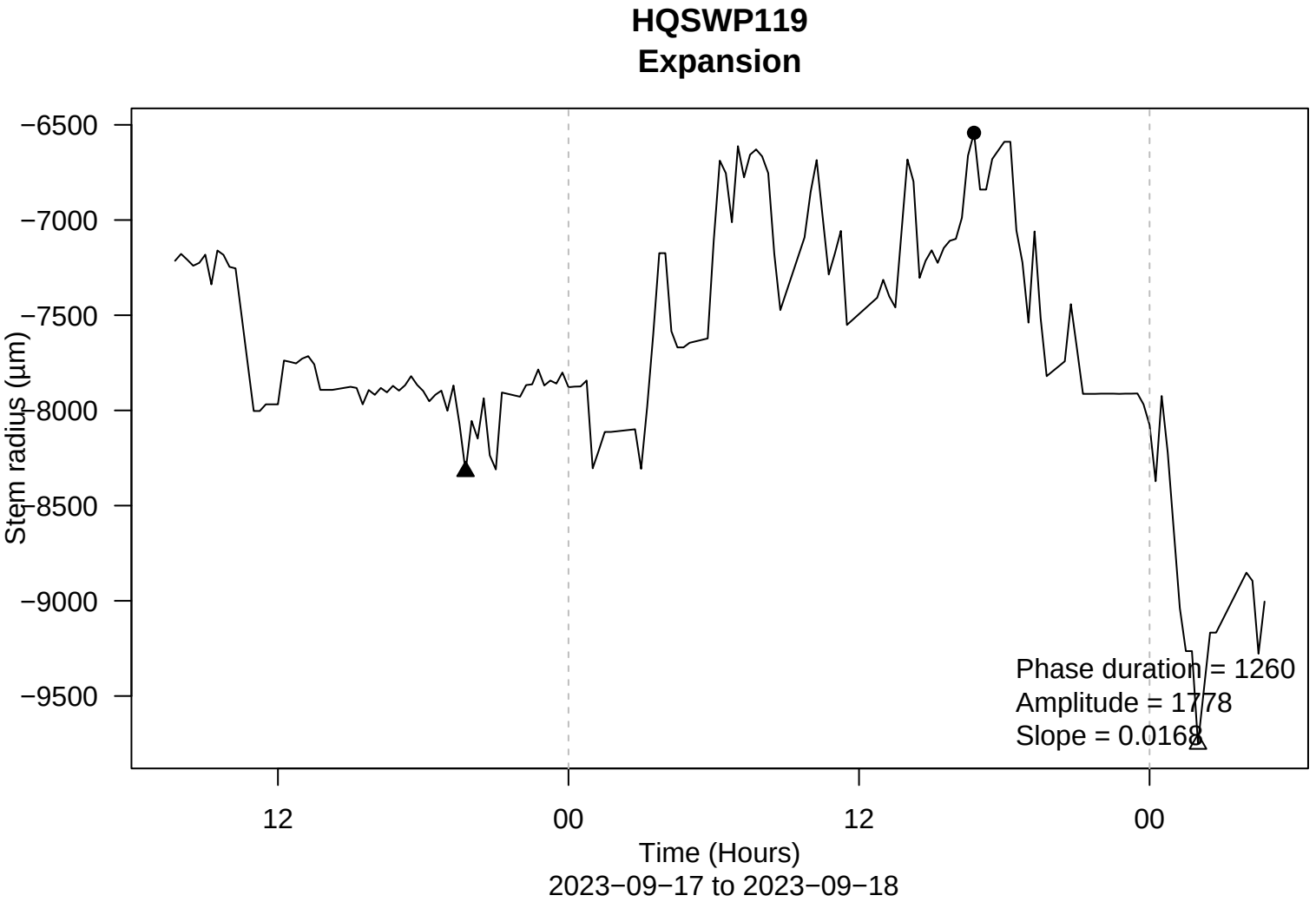

HQSWP119
Expansion
−8000
−8500
−9000
−9500
−10000
Stem radius (µm)
Phase duration = 300
Amplitude = 2540
Slope = 0.1003
00
06
12
18
00
Time (Hours)
2023−09−15 to 2023−09−15

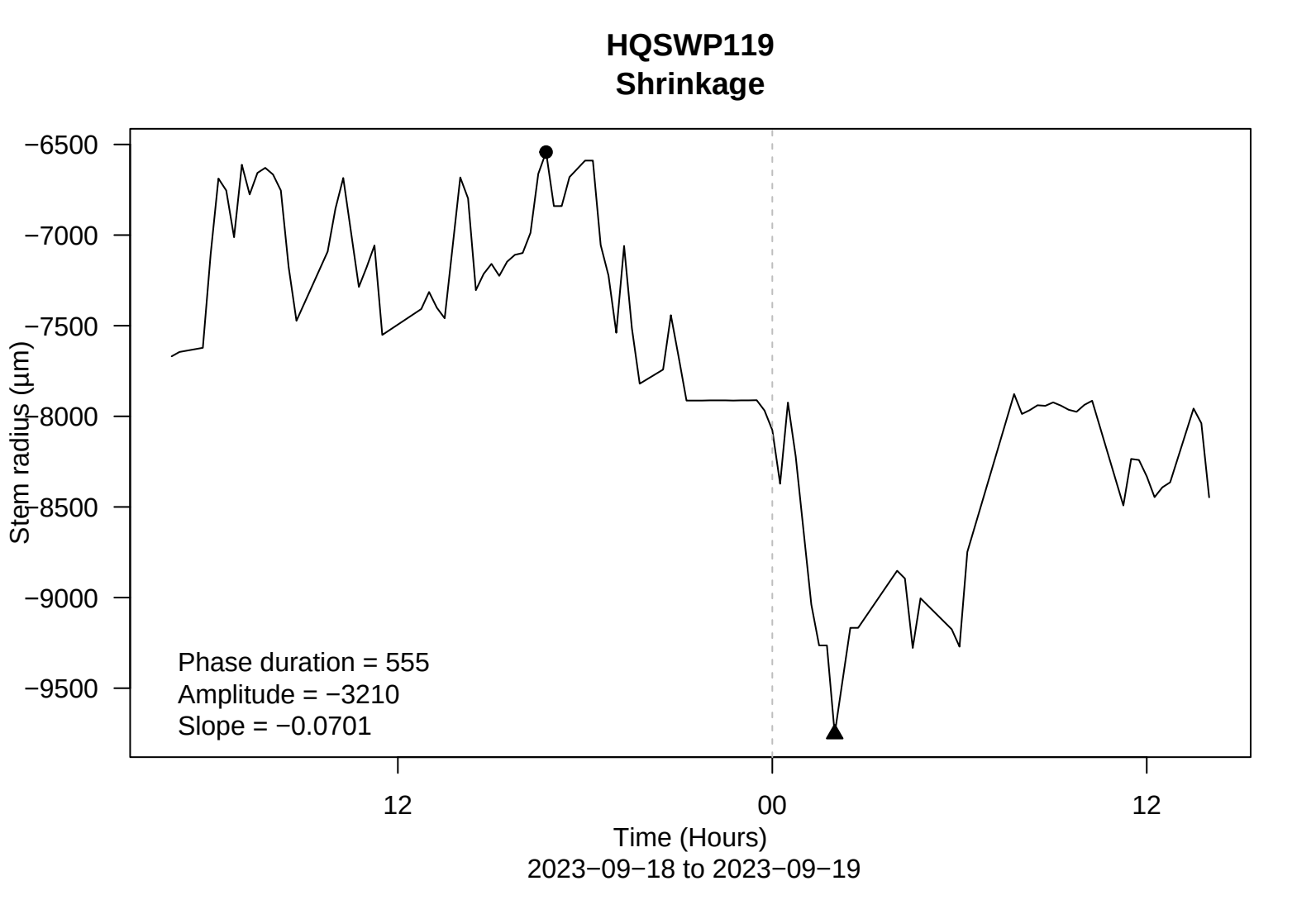

HQSWP119
Shrinkage
−7500
−8000
−8500
−9000
−9500
−10000
Stem radius (µm)
Phase duration = 585
Amplitude = −947
Slope = −0.0023
00
12
00
Time (Hours)
2023−09−15 to 2023−09−15

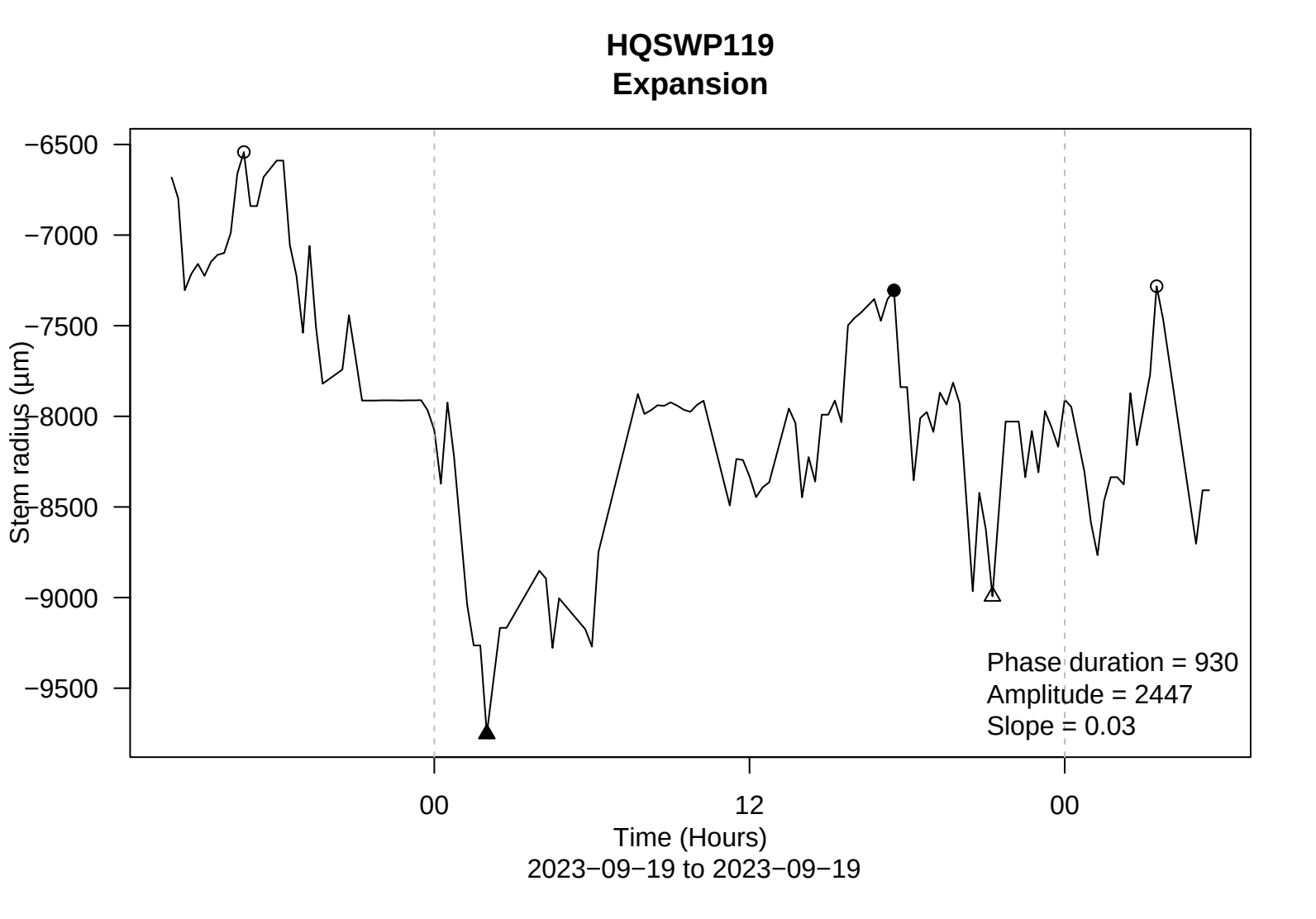

HQSWP119
Expansion
−7500
−8000
−8500
−9000
−9500
Stem radius (µm)
12
18
00
06
12
Time (Hours)
2023−09−15 to 2023−09−16
Phase duration = 345
Amplitude = 1214
Slope = 0.0253

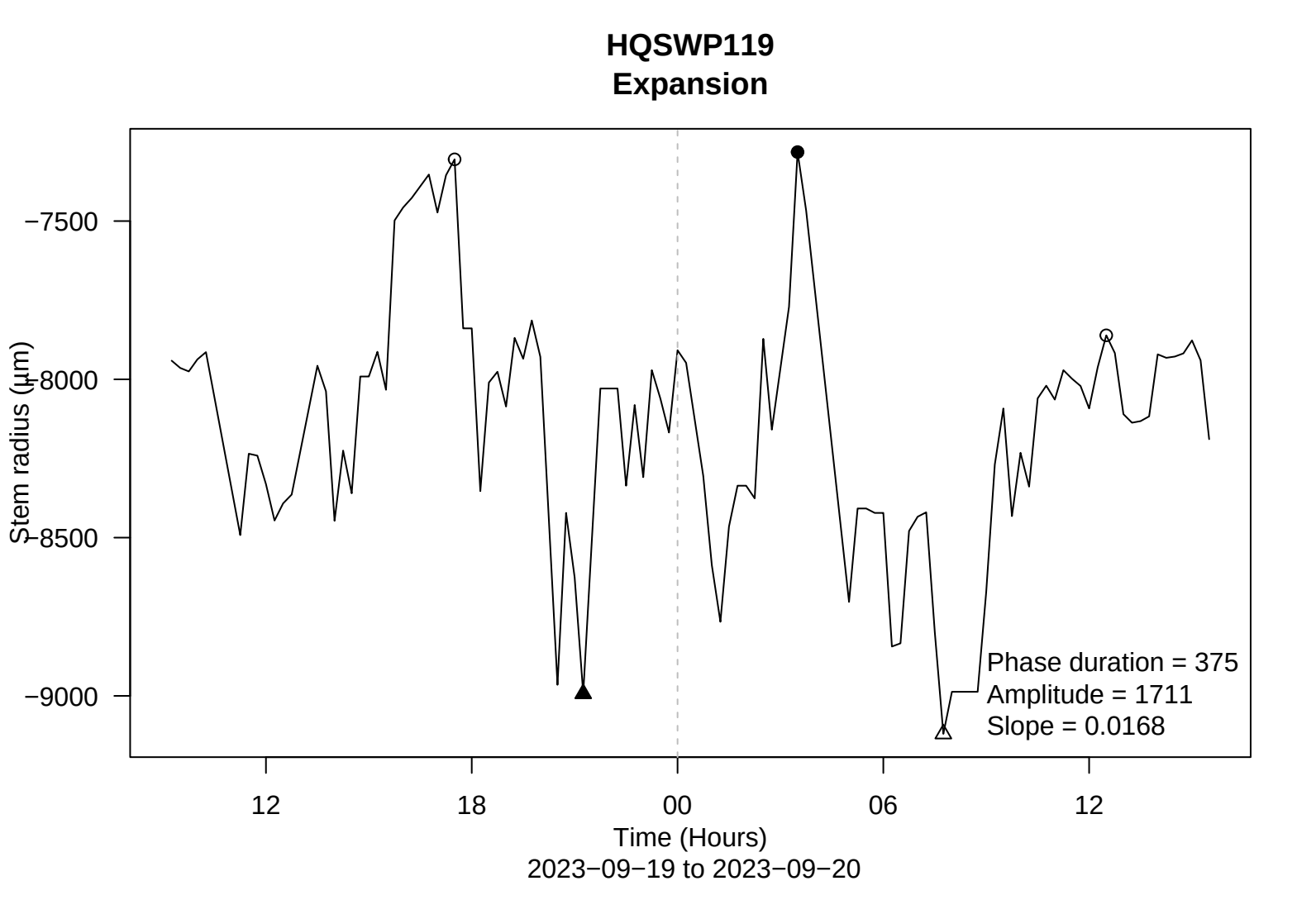

HQSWP119
Expansion
−6500
−7000
−7500
−8000
−8500
−9000
−9500
Stem radius (µm)
00
12
00
12
Time (Hours)
2023−09−16 to 2023−09−17
Phase duration = 1230
Amplitude = 2987
Slope = 0.0275

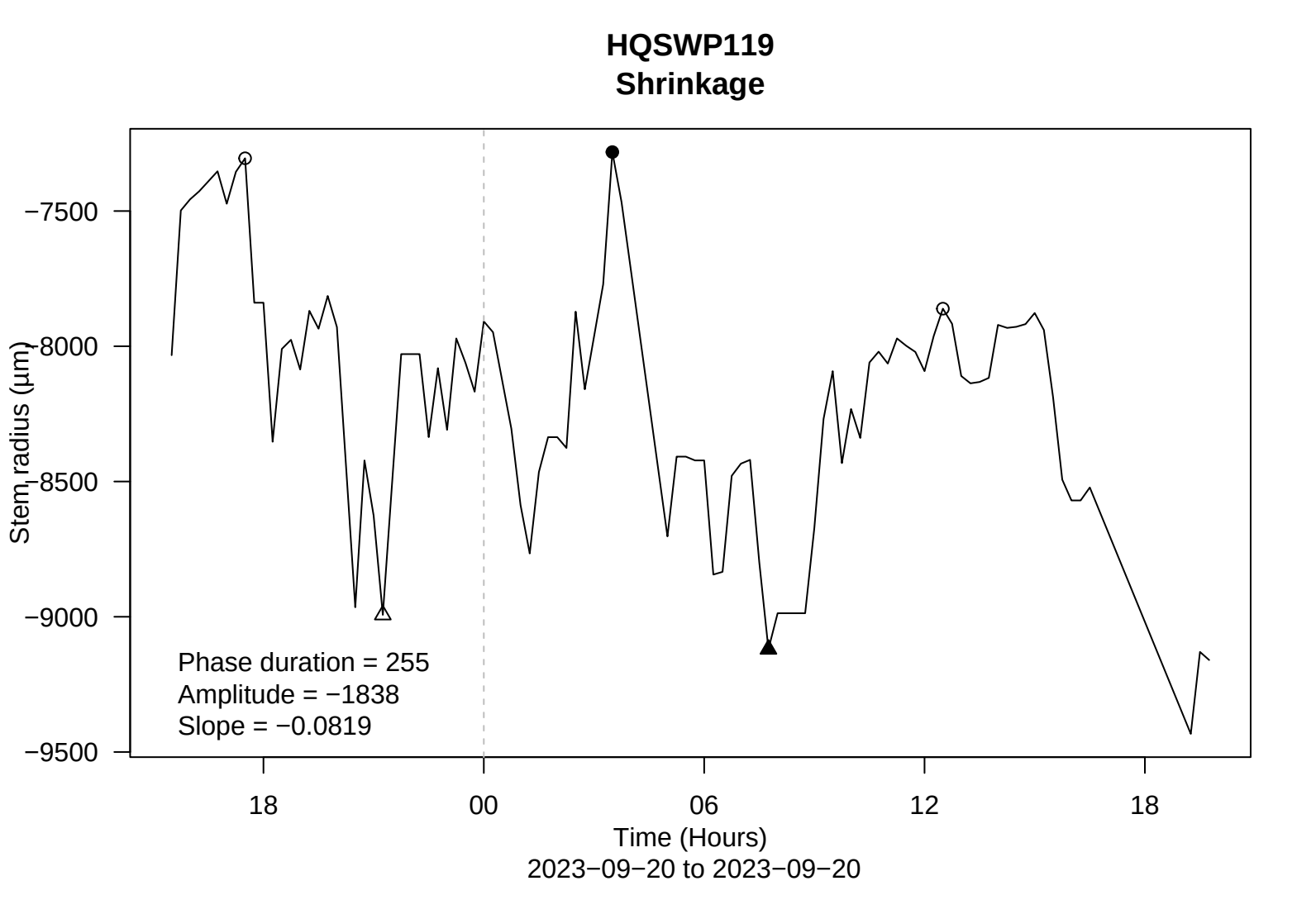

HQSWP119
Shrinkage
−6500
−7000
−7500
−8000
−8500
−9000
Stem radius (µm)
Phase duration = 960
Amplitude = −1829
Slope = −0.0287
00
12
00
Time (Hours)
2023−09−17 to 2023−09−17

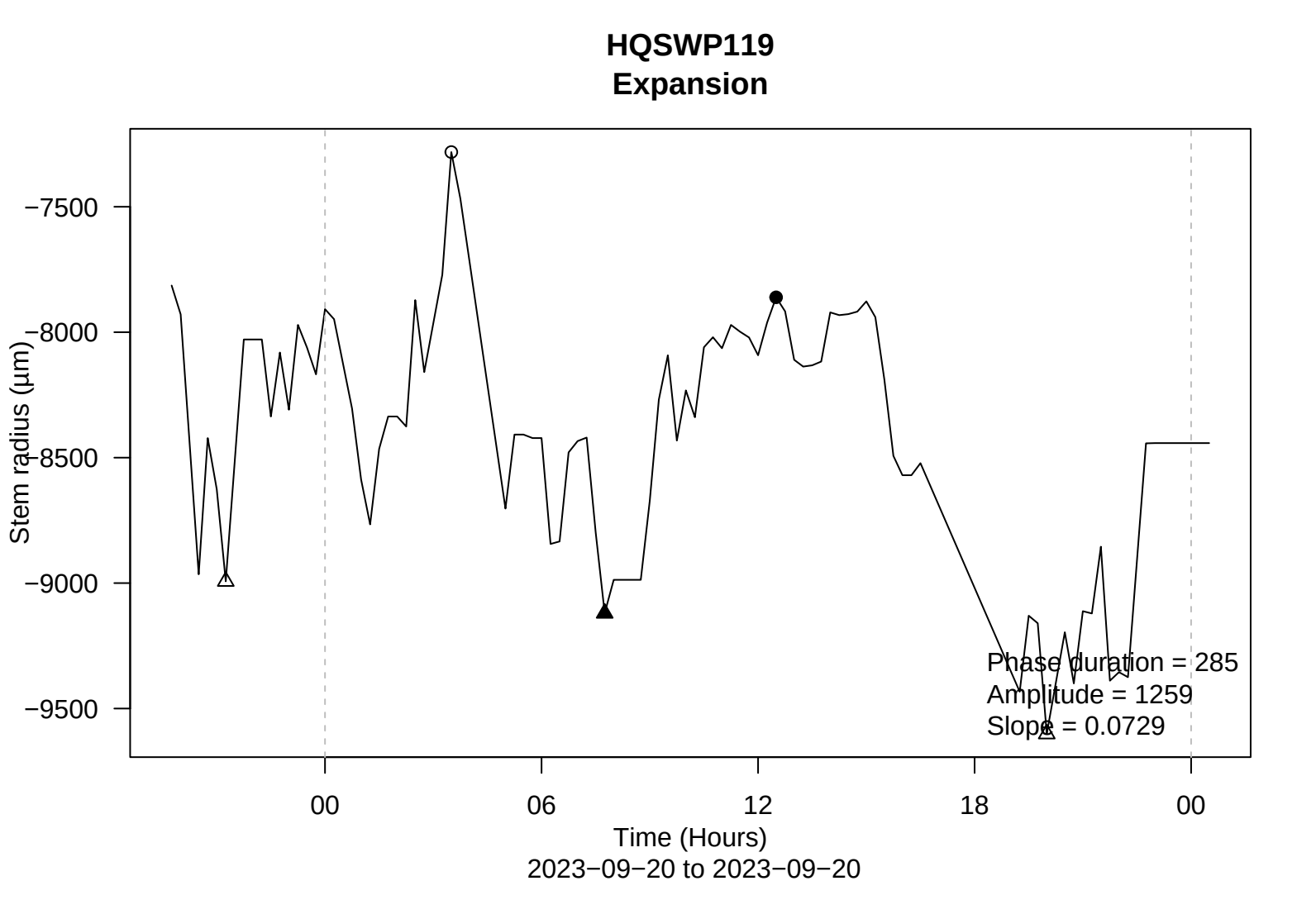

HQSWP119
Expansion
−6500
−7000
−7500
−8000
−8500
−9000
−9500
Stem radius (µm)
Phase duration = 1260
Amplitude = 1778
Slope = 0.0168
12
00
12
00
Time (Hours)
2023−09−17 to 2023−09−18

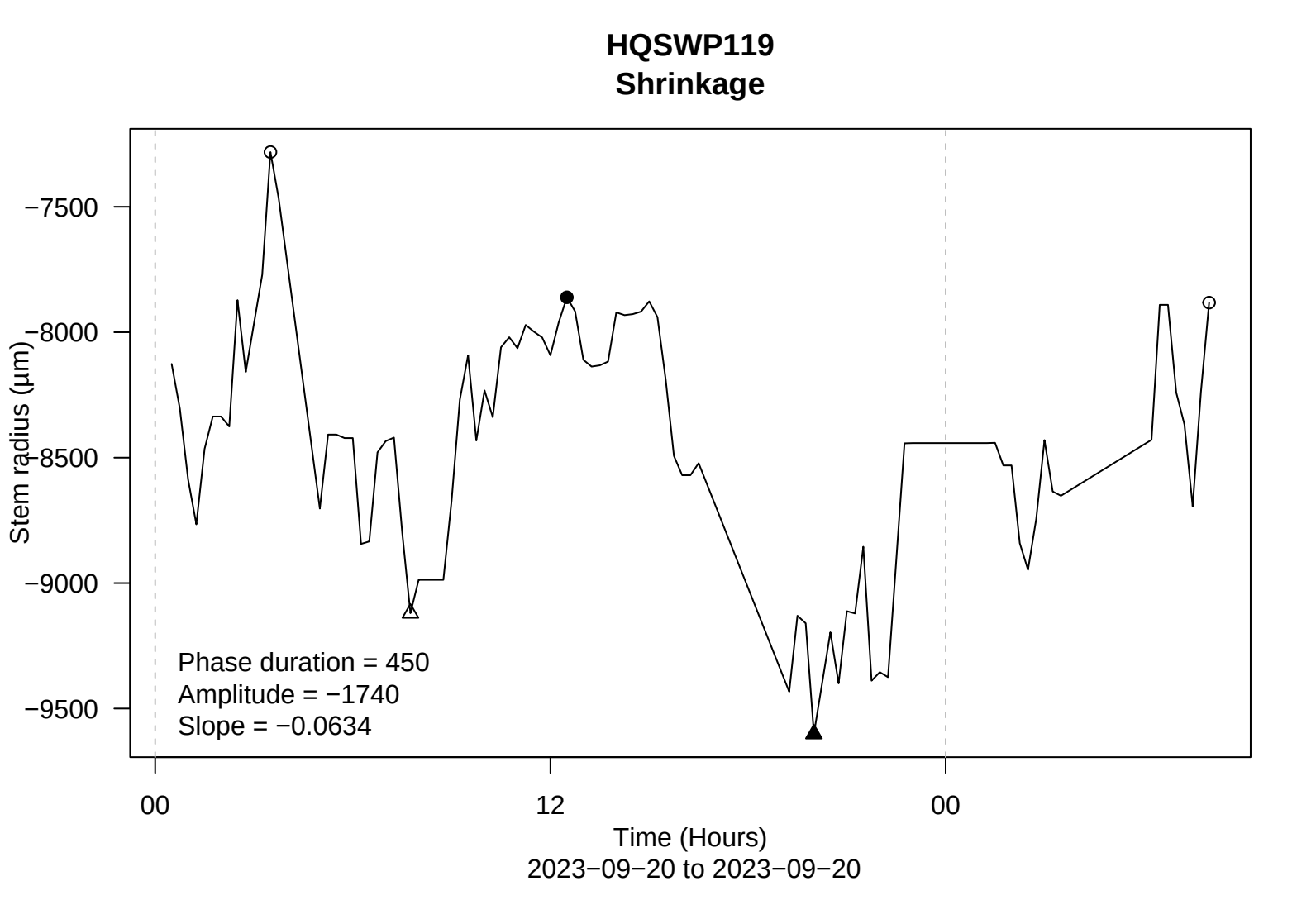

HQSWP119
Shrinkage
−6500
−7000
−7500
−8000
−8500
−9000
−9500
Stem radius (µm)
Phase duration = 555
Amplitude = −3210
Slope = −0.0701
12
00
12
Time (Hours)
2023−09−18 to 2023−09−19

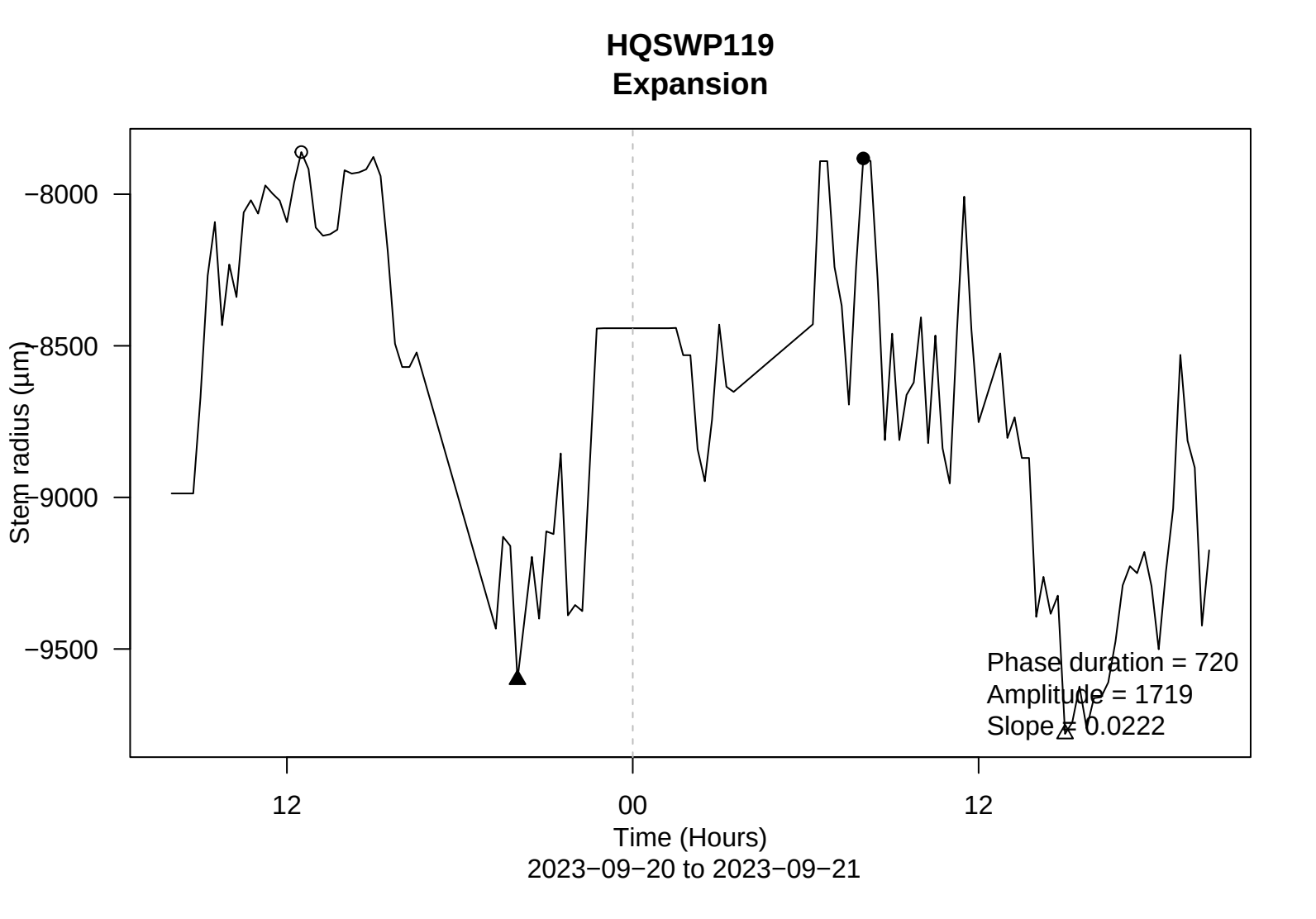

HQSWP119
Expansion
−6500
−7000
−7500
−8000
−8500
−9000
−9500
Stem radius (µm)
Phase duration = 930
Amplitude = 2447
Slope = 0.03
00
12
00
Time (Hours)
2023−09−19 to 2023−09−19

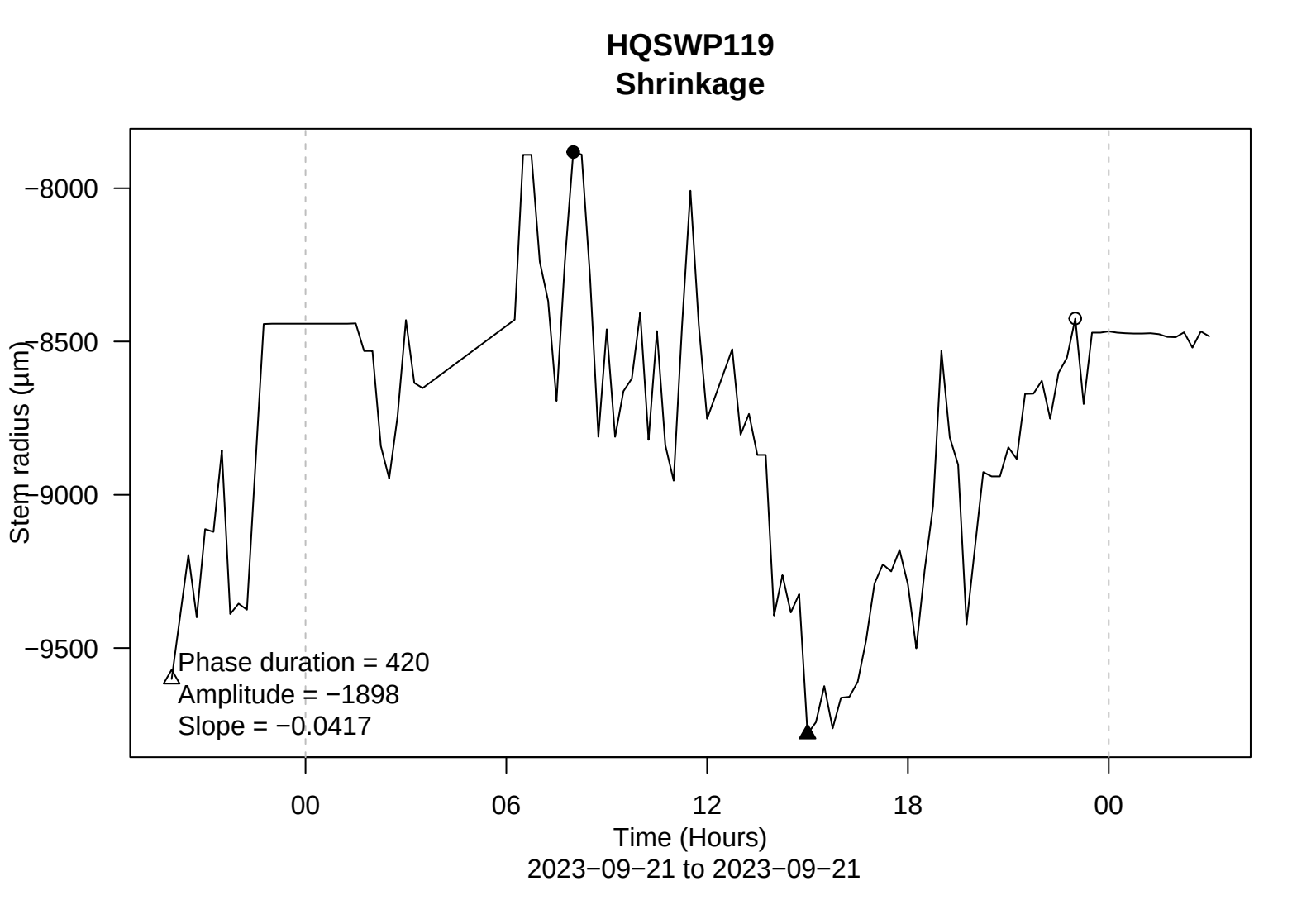

HQSWP119
Expansion
−7500
−8000
−8500
−9000
Stem radius (µm)
12
18
00
06
12
Time (Hours)
2023−09−19 to 2023−09−20
Phase duration = 375
Amplitude = 1711
Slope = 0.0168

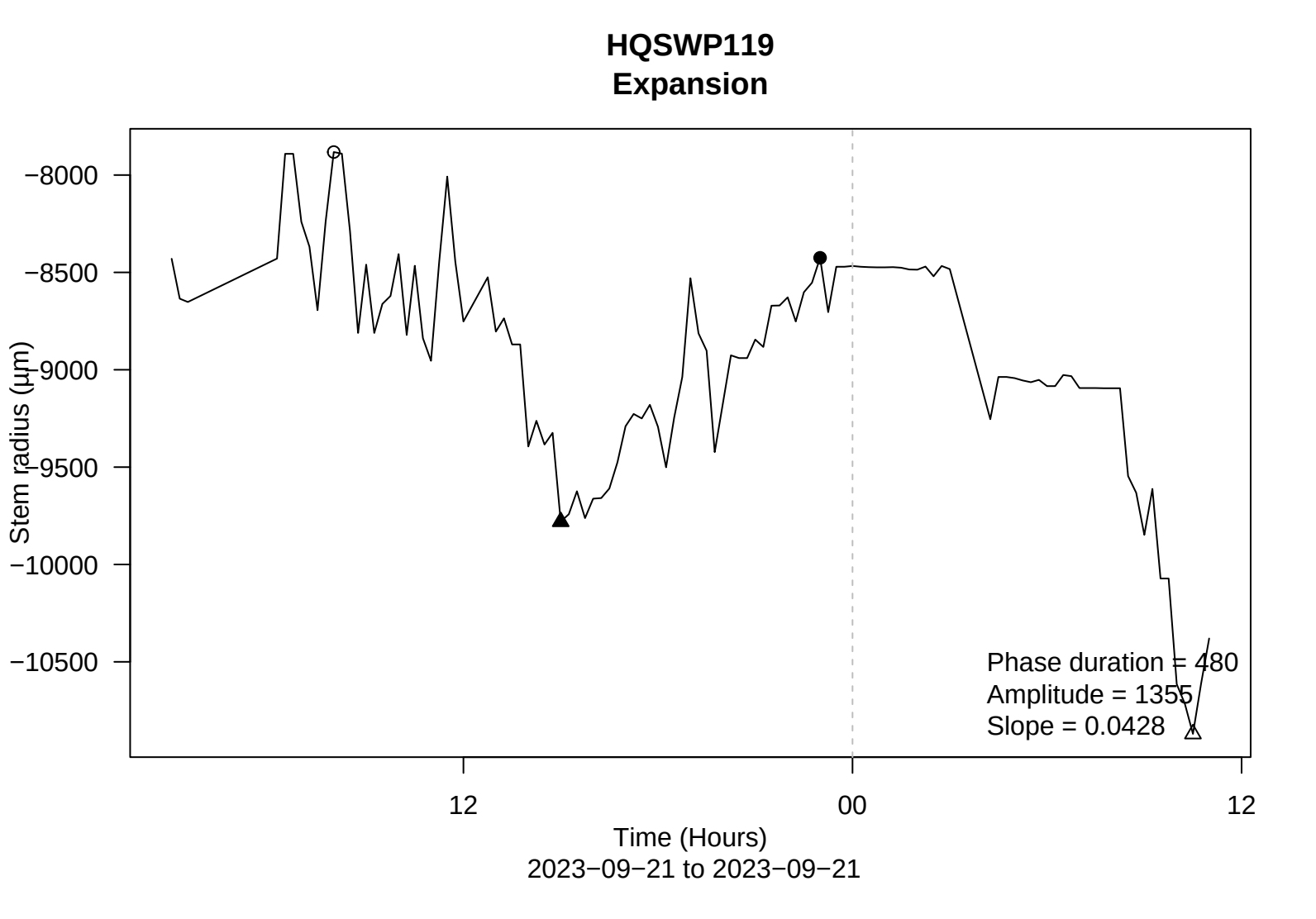

HQSWP119
Shrinkage
−7500
−8000
−8500
−9000
−9500
Stem radius (µm)
Phase duration = 255
Amplitude = −1838
Slope = −0.0819
18
00
06
12
18
Time (Hours)
2023−09−20 to 2023−09−20

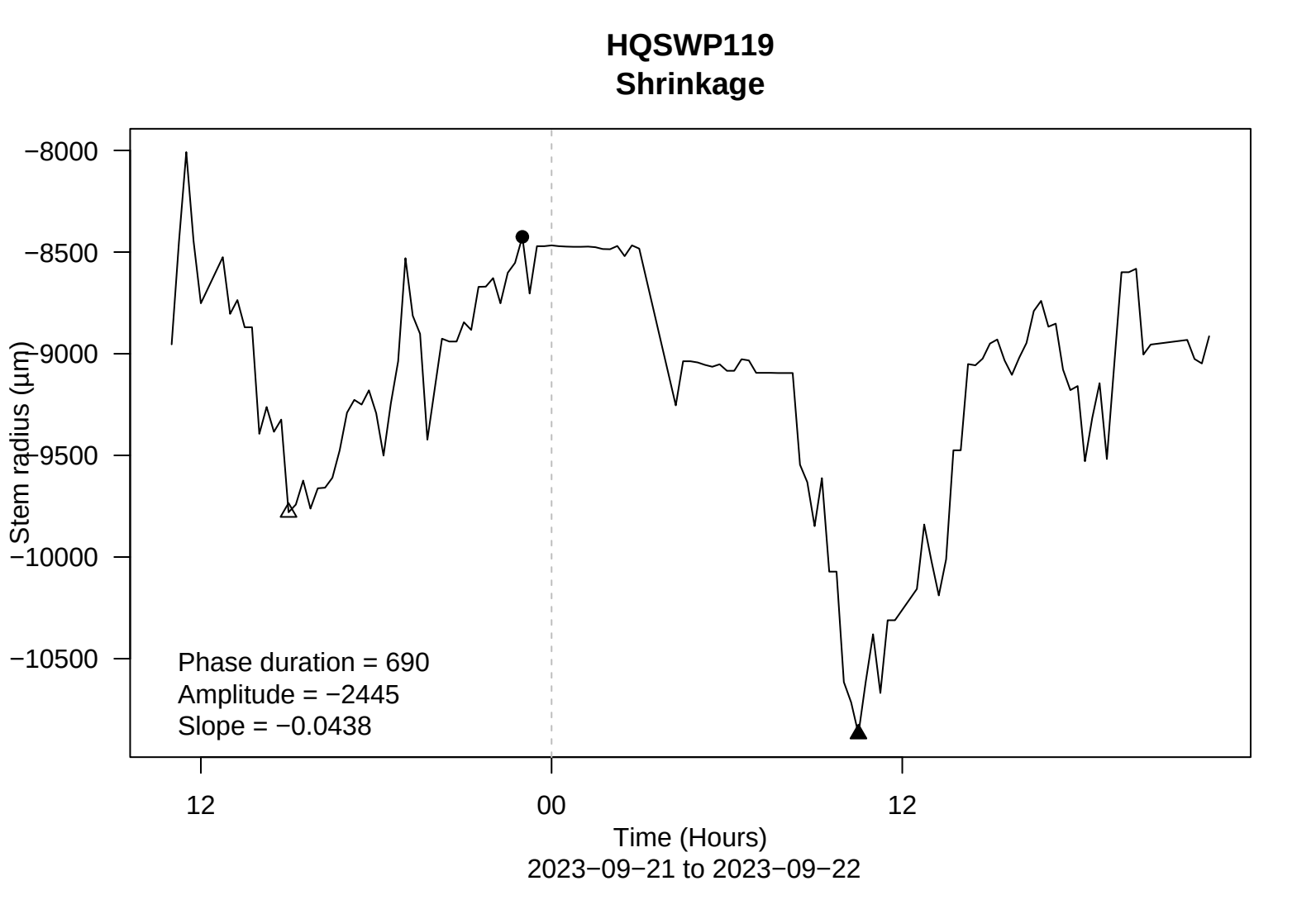

HQSWP119
Expansion
−7500
−8000
−8500
−9000
−9500
Stem radius (µm)
00
06
12
18
00
Time (Hours)
2023−09−20 to 2023−09−20
Phase duration = 285
Amplitude = 1259
Slope = 0.0729

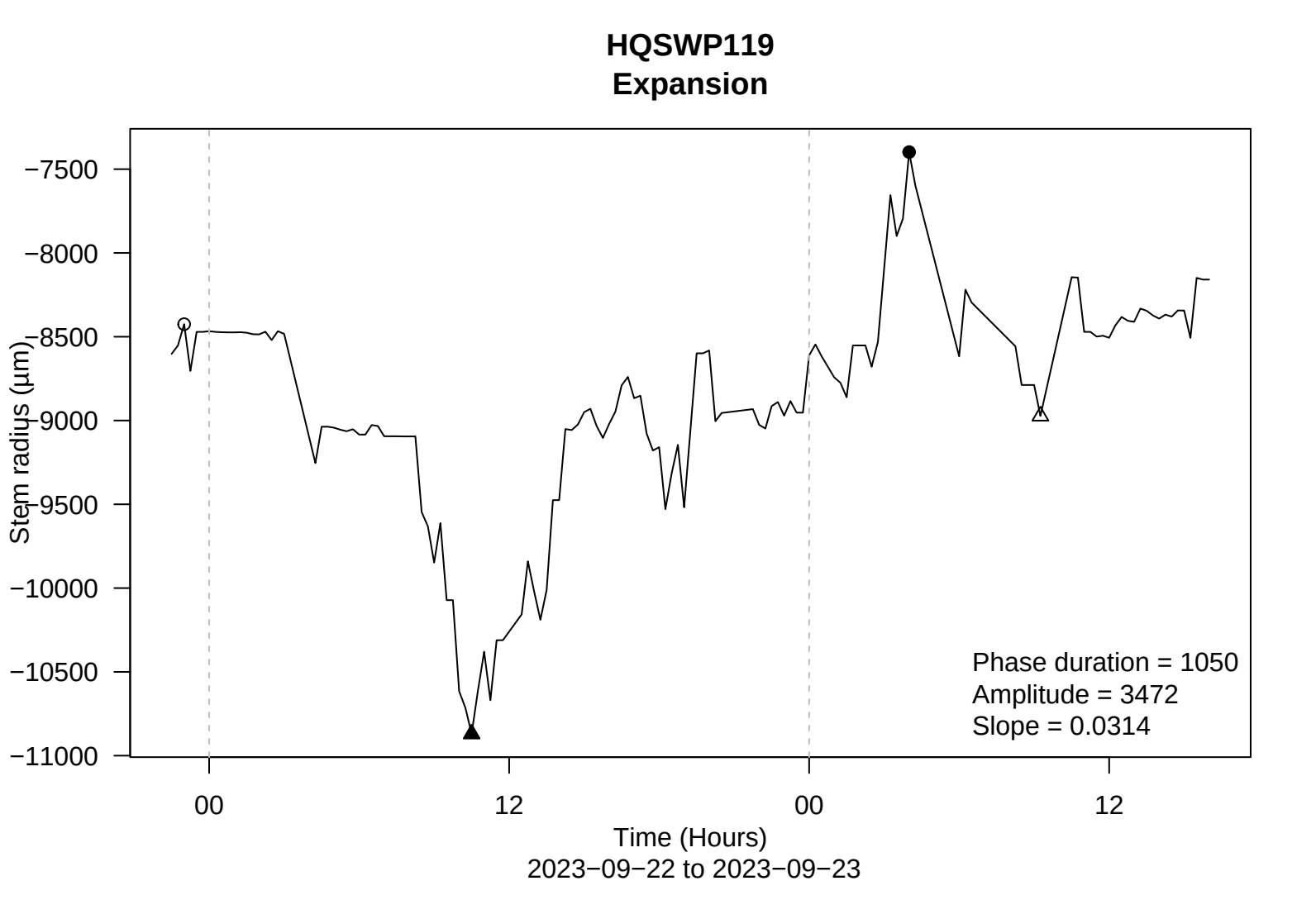

HQSWP119
Shrinkage
−7500
−8000
−8500
−9000
−9500
Stem radius (µm)
Phase duration = 450
Amplitude = −1740
Slope = −0.0634
00
12
00
Time (Hours)
2023−09−20 to 2023−09−20

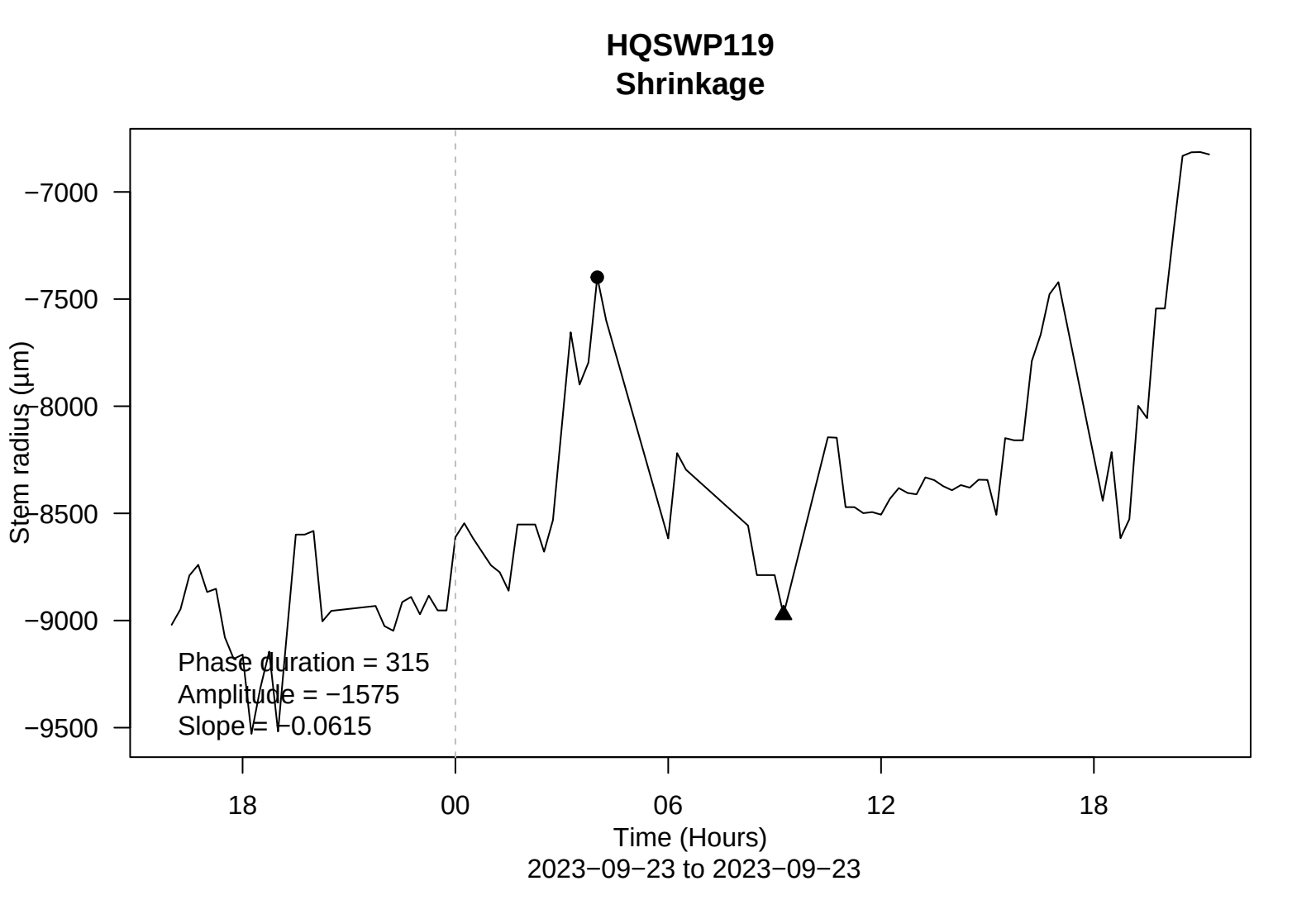

HQSWP119
Expansion
−8000
−8500
−9000
−9500
Stem radius (µm)
12
00
12
Time (Hours)
2023−09−20 to 2023−09−21
Phase duration = 720
Amplitude = 1719
Slope = 0.0222

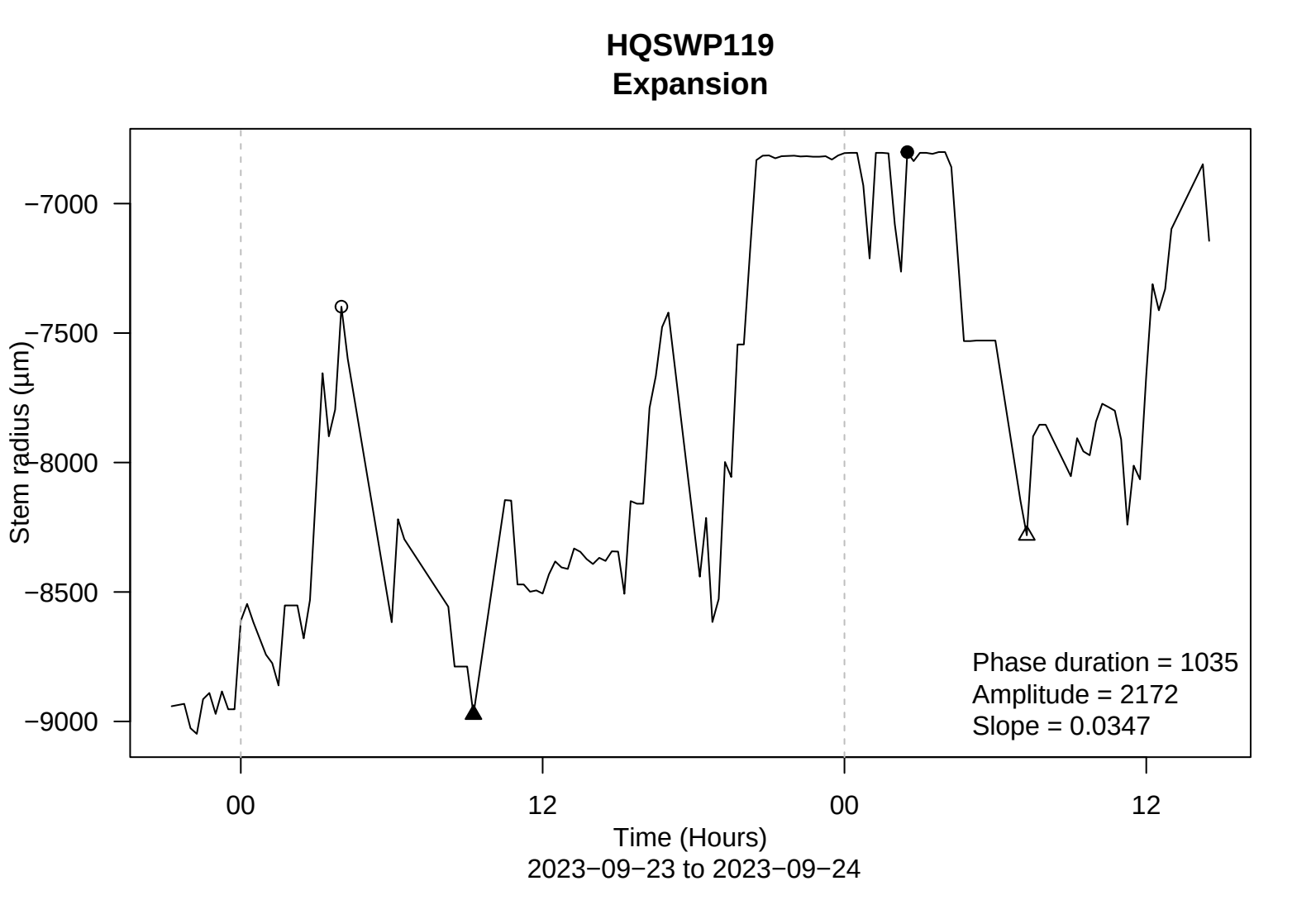

HQSWP119
Shrinkage
−8000
−8500
−9000
−9500
Stem radius (µm)
Phase duration = 420
Amplitude = −1898
Slope = −0.0417
00
06
12
18
00
Time (Hours)
2023−09−21 to 2023−09−21

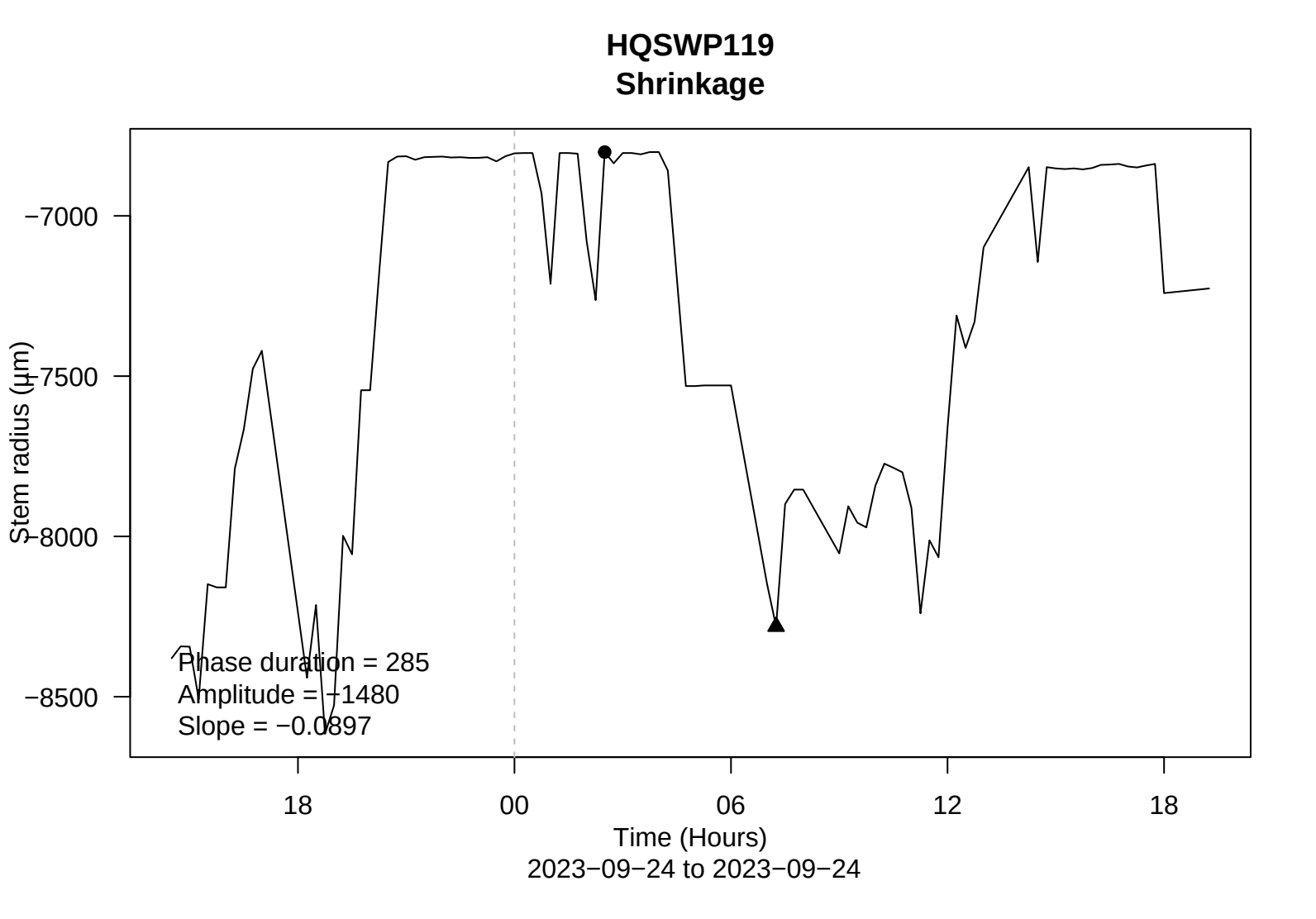

HQSWP119
Expansion
−8000
−8500
−9000
−9500
−10000
−10500
Stem radius (µm)
Phase duration = 480
Amplitude = 1355
Slope = 0.0428
12
00
12
Time (Hours)
2023−09−21 to 2023−09−21

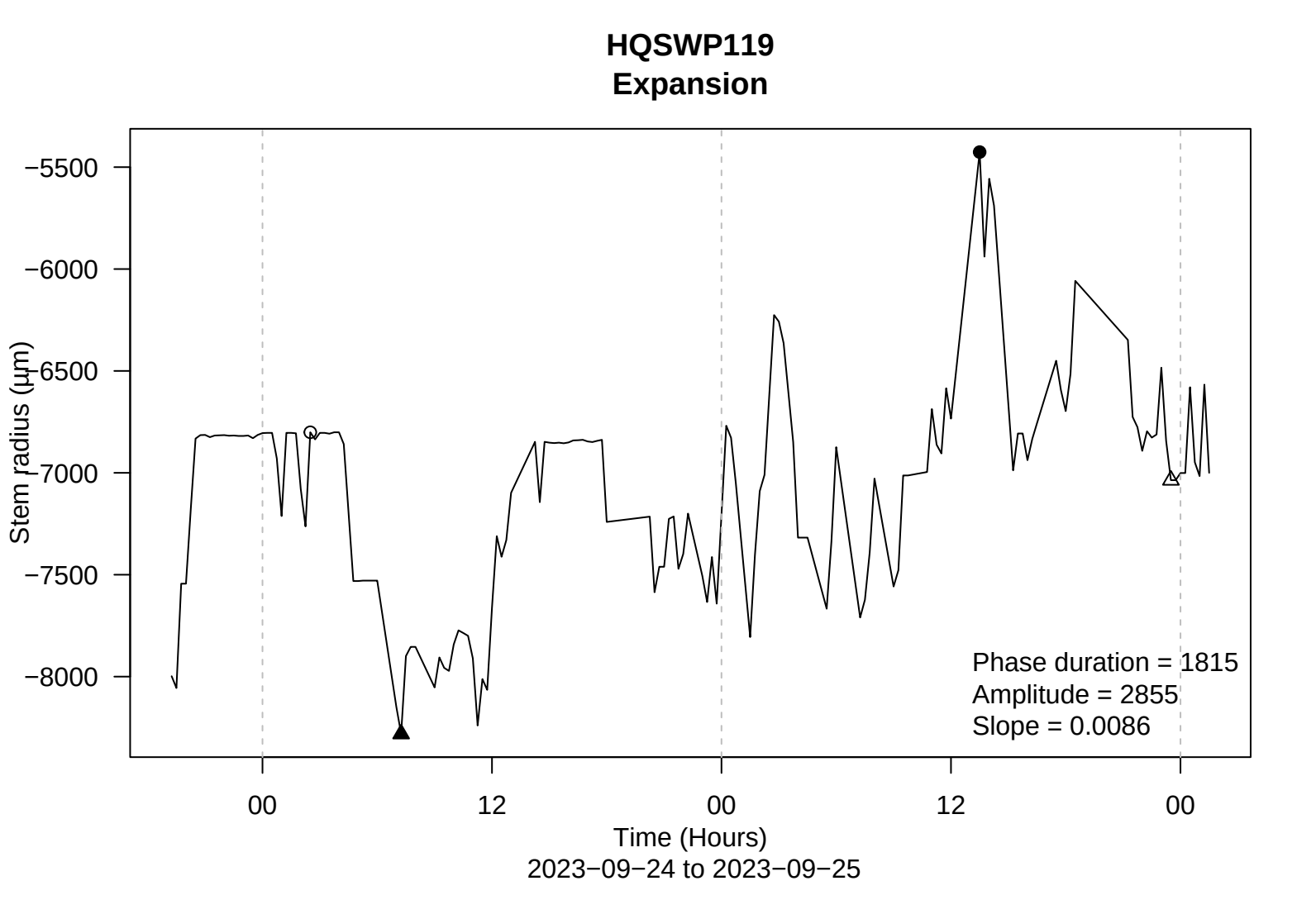

HQSWP119
Shrinkage
−8000
−8500
−9000
−9500
−10000
−10500
Stem radius (µm)
Phase duration = 690
Amplitude = −2445
Slope = −0.0438
12
00
12
Time (Hours)
2023−09−21 to 2023−09−22

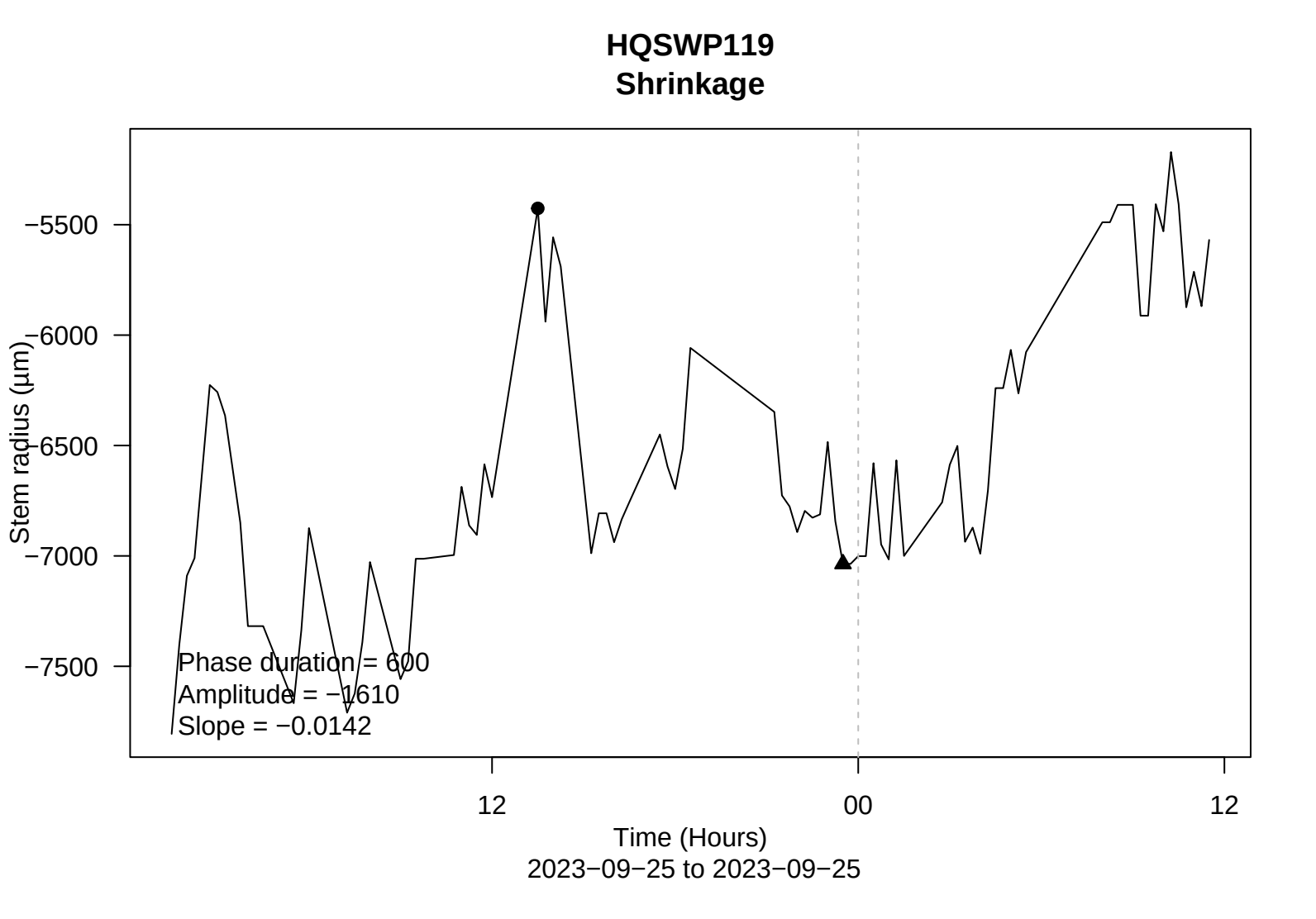

HQSWP119
Expansion
−7500
−8000
−8500
−9000
−9500
−10000
−10500
−11000
Stem radius (µm)
00
12
00
12
Time (Hours)
2023−09−22 to 2023−09−23
Phase duration = 1050
Amplitude = 3472
Slope = 0.0314

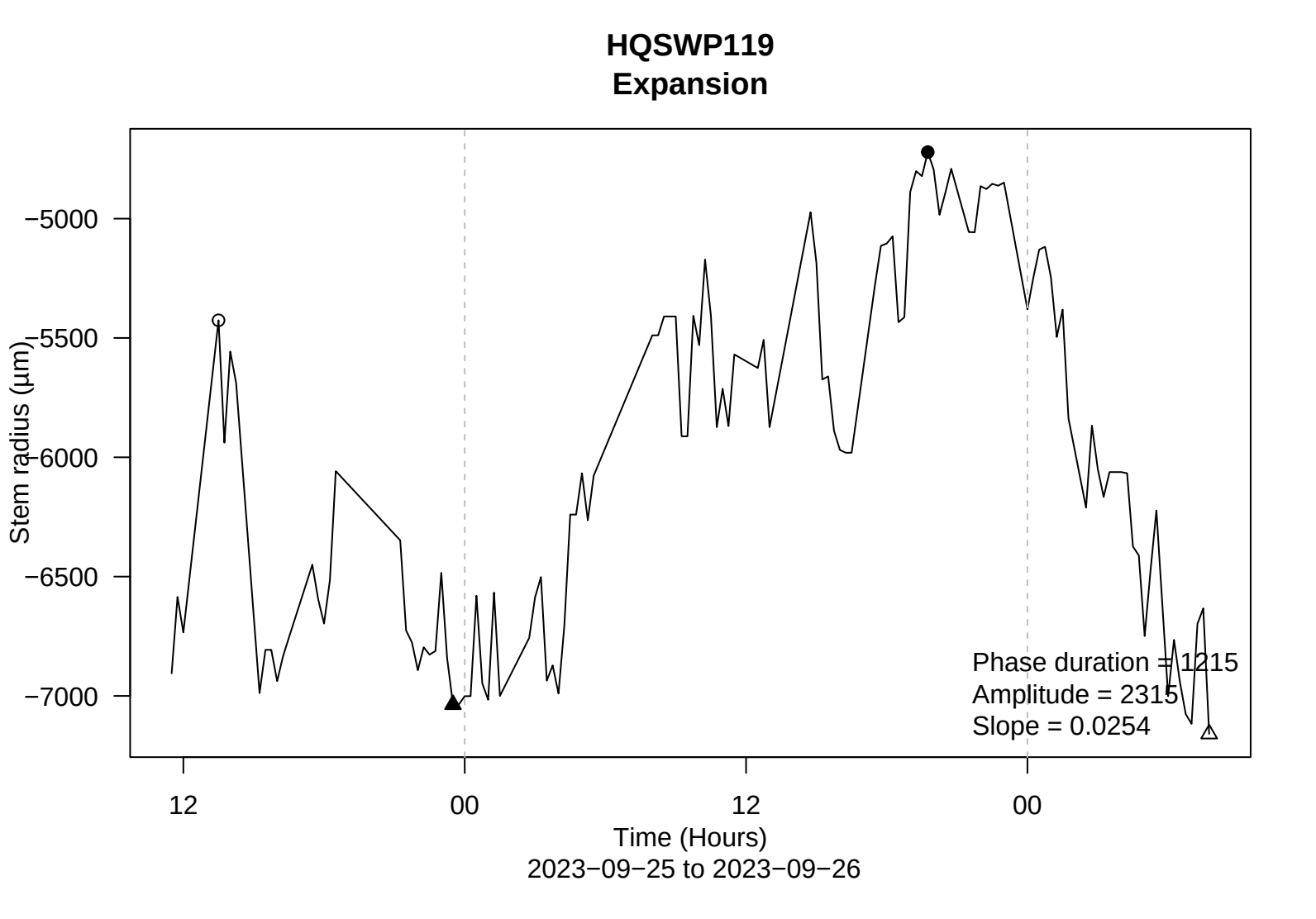

HQSWP119
Shrinkage
−7000
−7500
−8000
−8500
−9000
−9500
Stem radius (µm)
Phase duration = 315
Amplitude = −1575
Slope = −0.0615
18
00
06
12
18
Time (Hours)
2023−09−23 to 2023−09−23

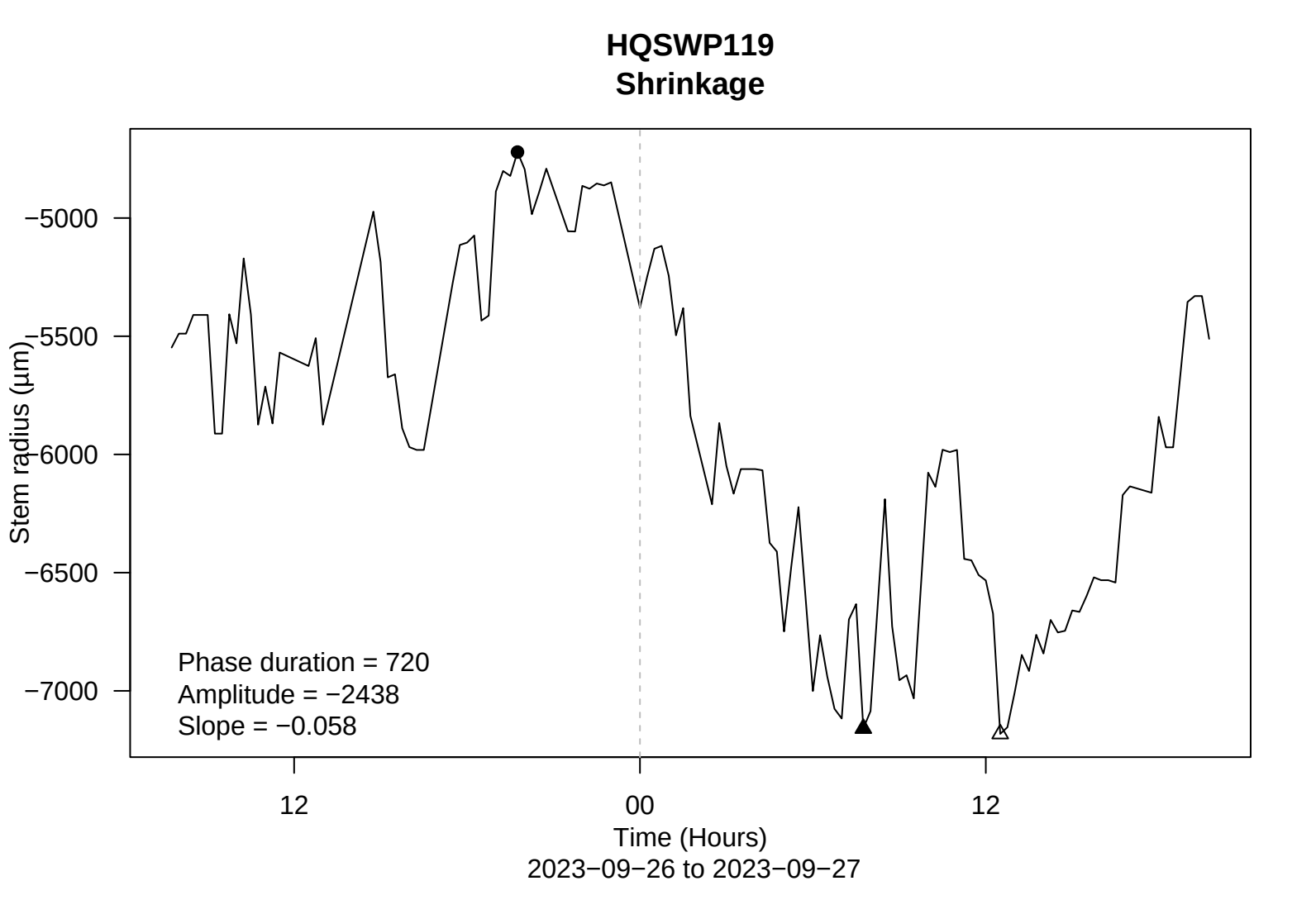

HQSWP119
Expansion
−7000
−7500
−8000
−8500
−9000
Stem radius (µm)
Phase duration = 1035
Amplitude = 2172
Slope = 0.0347
00
12
00
12
Time (Hours)
2023−09−23 to 2023−09−24

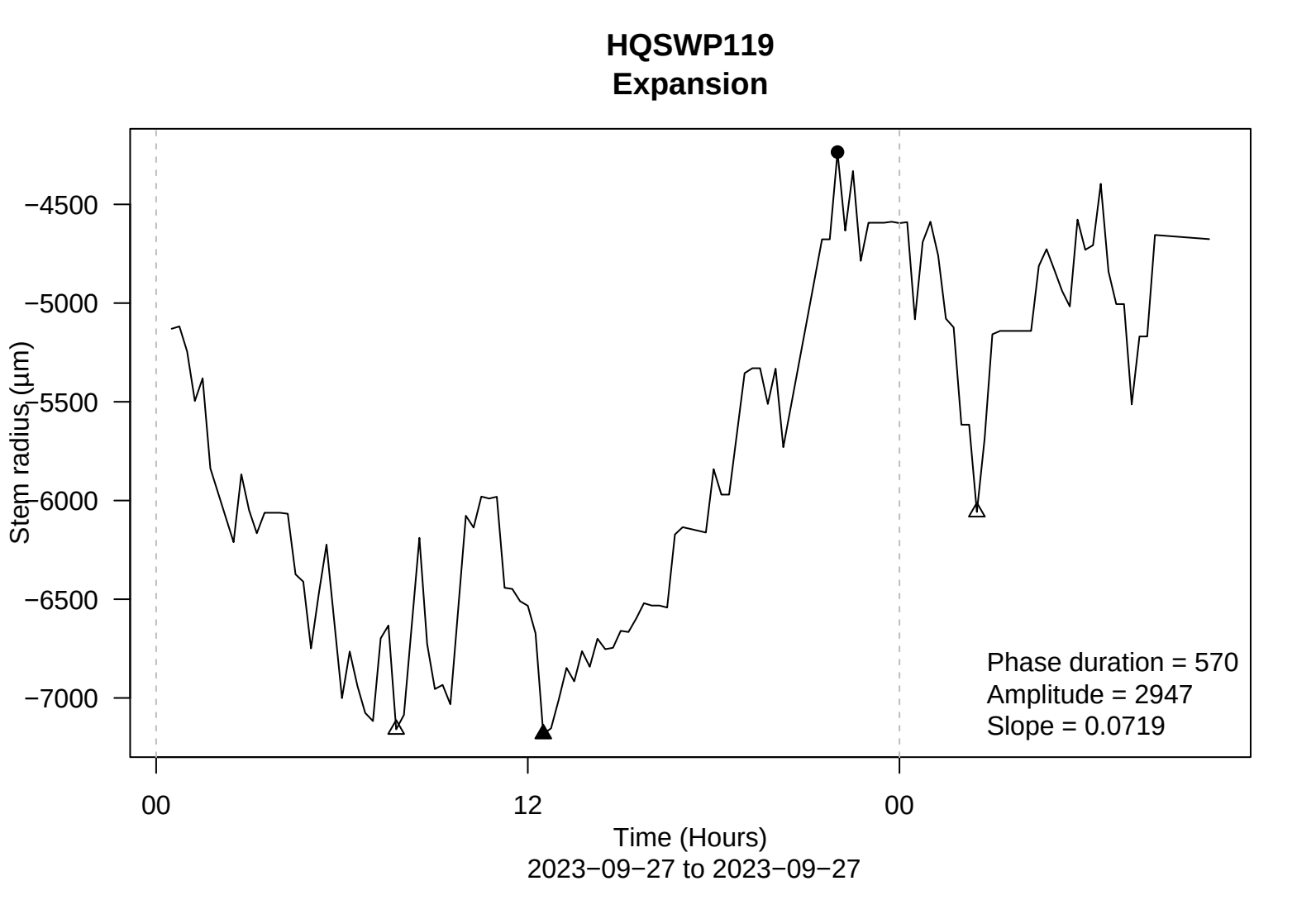

HQSWP119
Shrinkage
−7000
−7500
−8000
−8500
Stem radius (µm)
Phase duration = 285
Amplitude = −1480
Slope = −0.0897
18
00
06
12
18
Time (Hours)
2023−09−24 to 2023−09−24

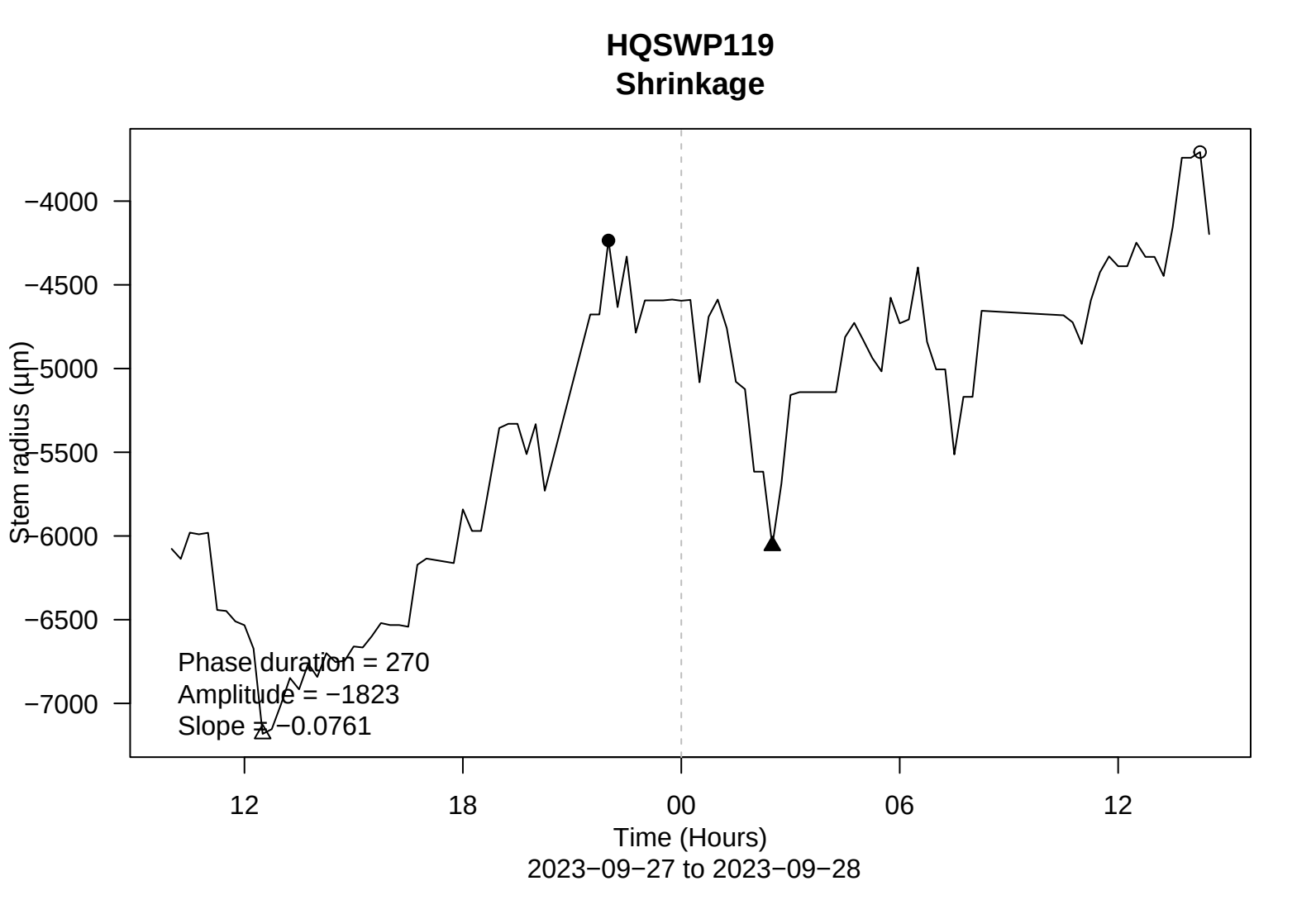

HQSWP119
Expansion
−5500
−6000
−6500
−7000
−7500
−8000
Stem radius (µm)
00
12
00
12
00
Time (Hours)
2023−09−24 to 2023−09−25
Phase duration = 1815
Amplitude = 2855
Slope = 0.0086

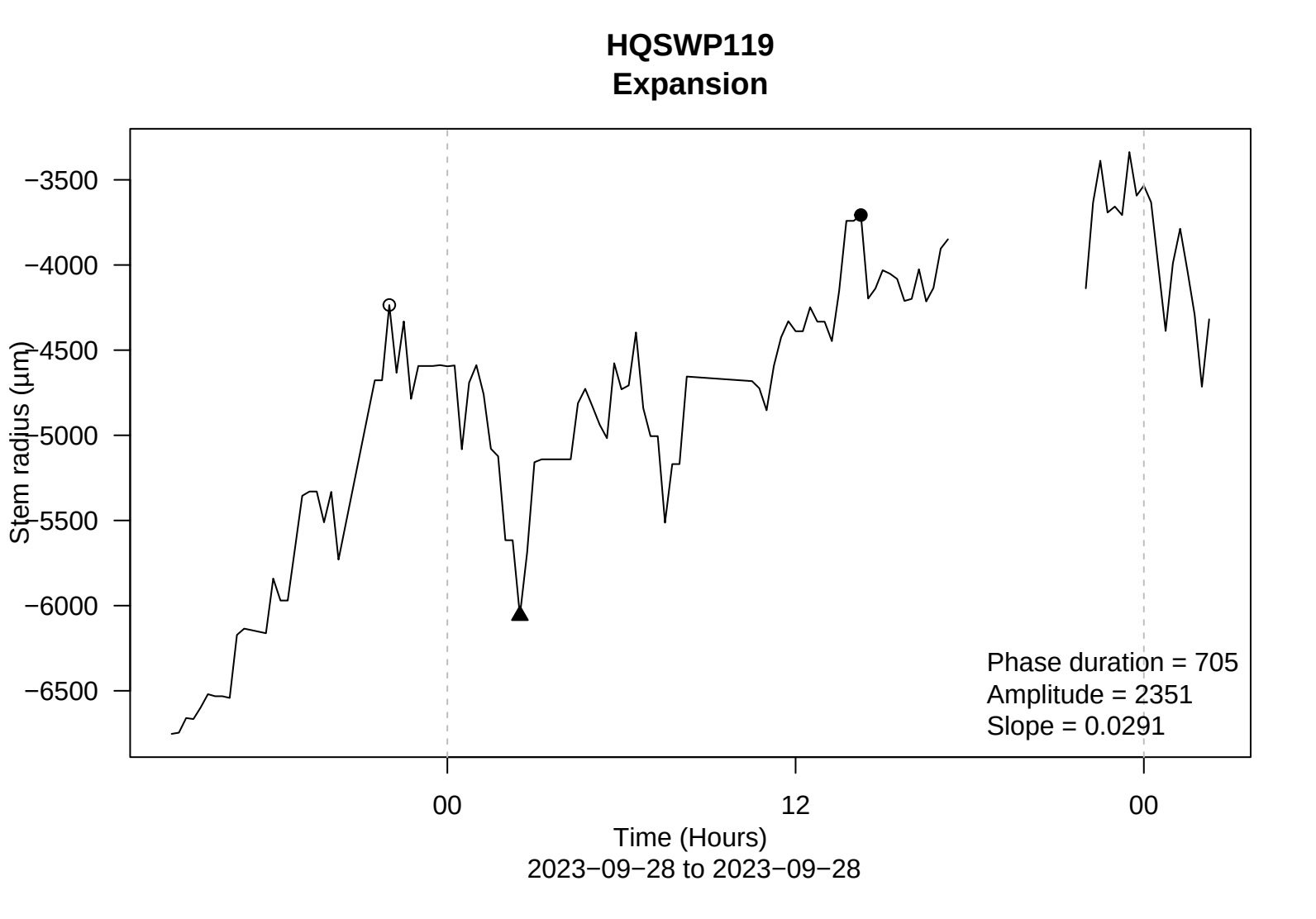

HQSWP119
Shrinkage
−5500
−6000
−6500
−7000
−7500
Stem radius (µm)
Phase duration = 600
Amplitude = −1610
Slope = −0.0142
12
00
12
Time (Hours)
2023−09−25 to 2023−09−25

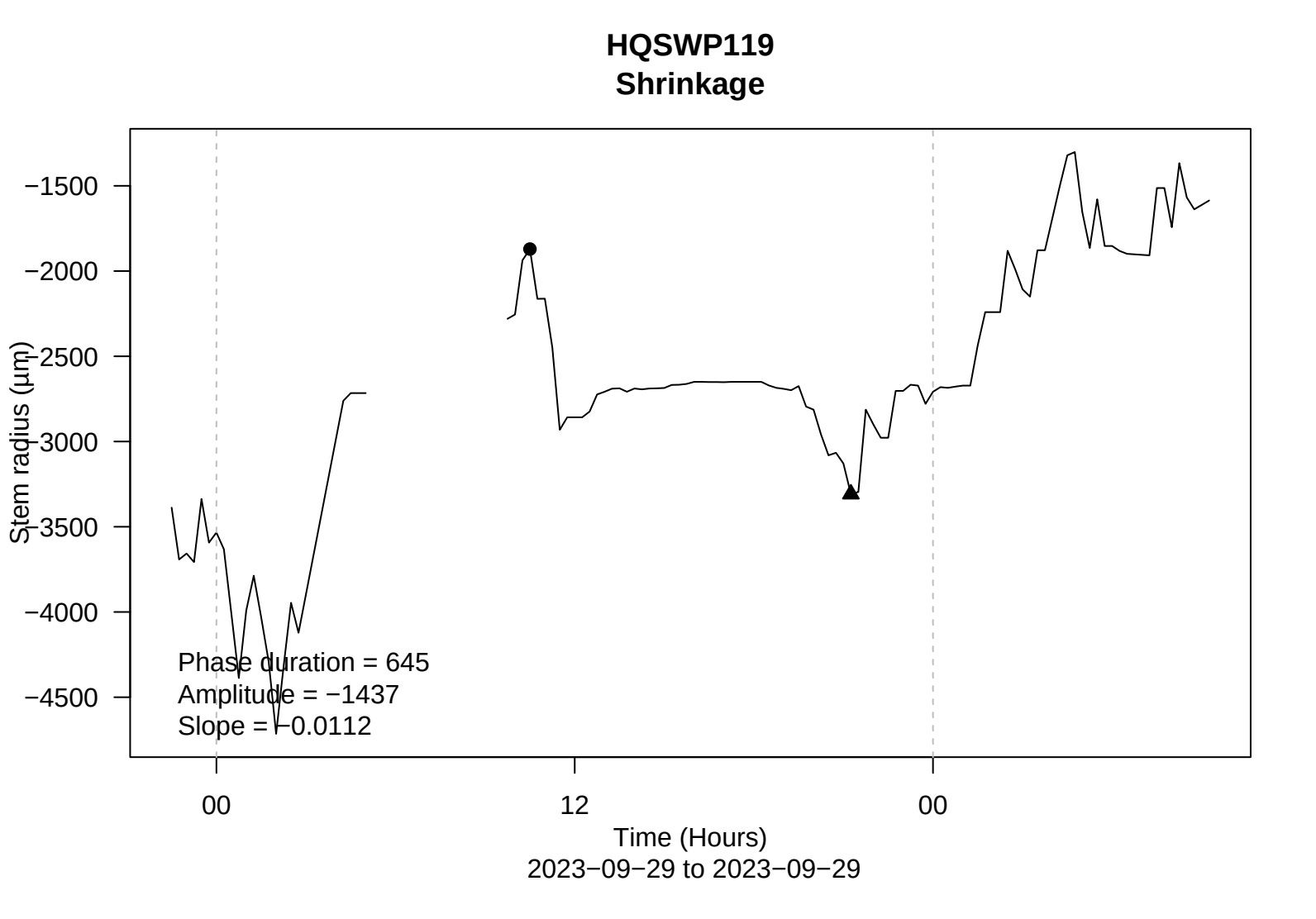

HQSWP119
Expansion
−5000
−5500
−6000
−6500
−7000
Stem radius (µm)
Phase duration = 1215
Amplitude = 2315
Slope = 0.0254
12
00
12
00
Time (Hours)
2023−09−25 to 2023−09−26

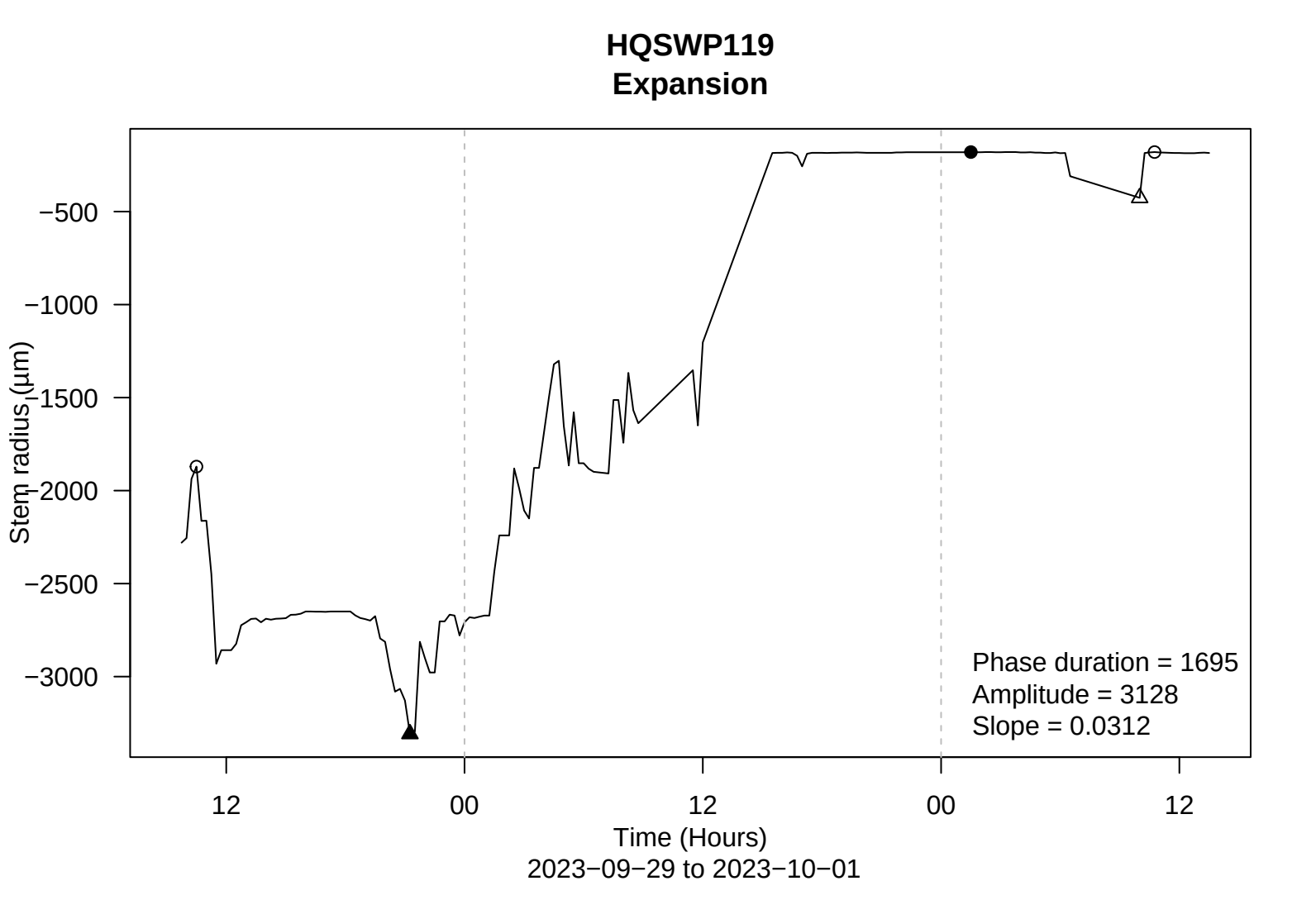

HQSWP119
Shrinkage
−5000
−5500
−6000
−6500
−7000
Stem radius (µm)
Phase duration = 720
Amplitude = −2438
Slope = −0.058
12
00
12
Time (Hours)
2023−09−26 to 2023−09−27

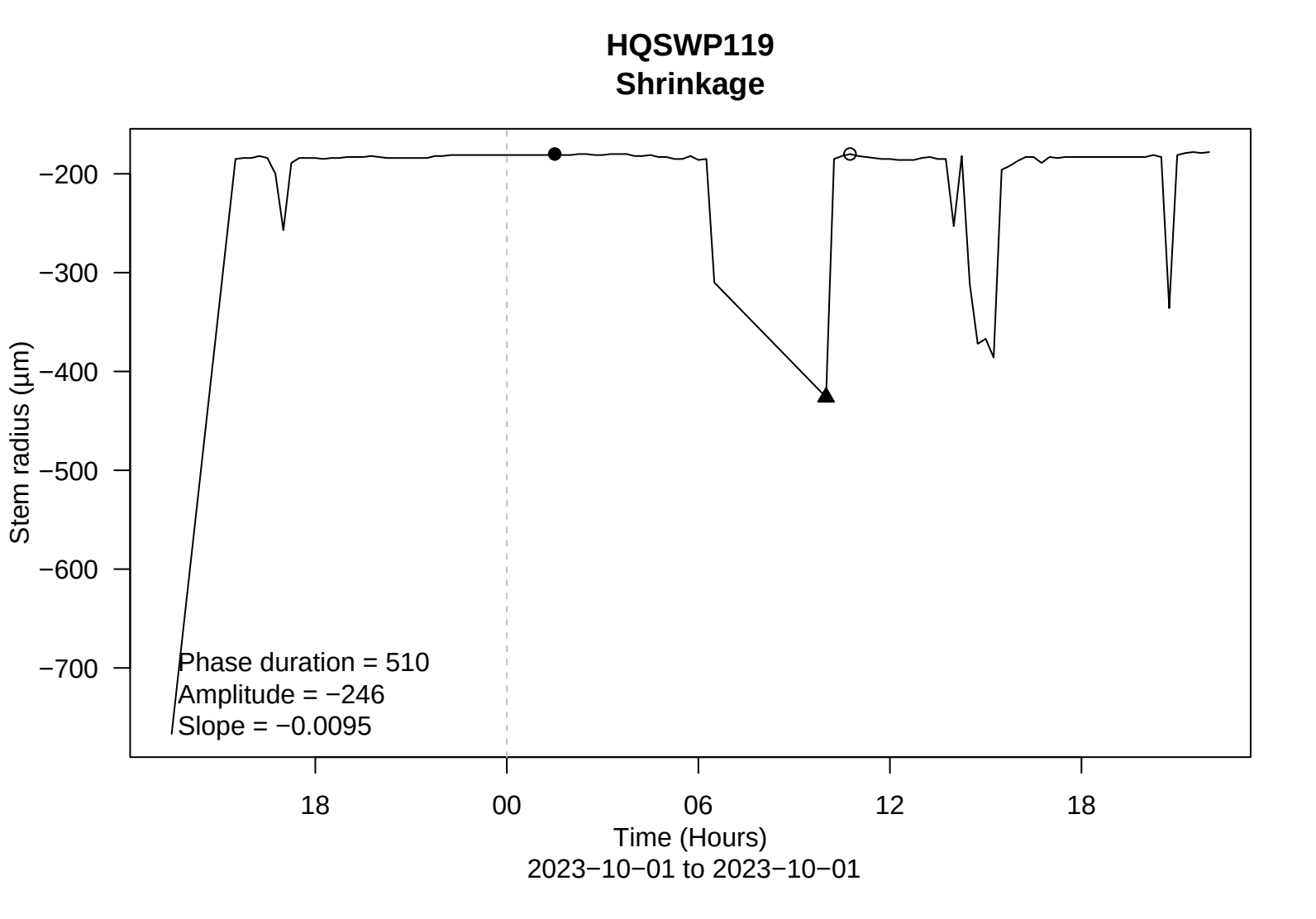

HQSWP119
Expansion
−4500
−5000
−5500
−6000
−6500
−7000
Stem radius (µm)
Phase duration = 570
Amplitude = 2947
Slope = 0.0719
00
12
00
Time (Hours)
2023−09−27 to 2023−09−27

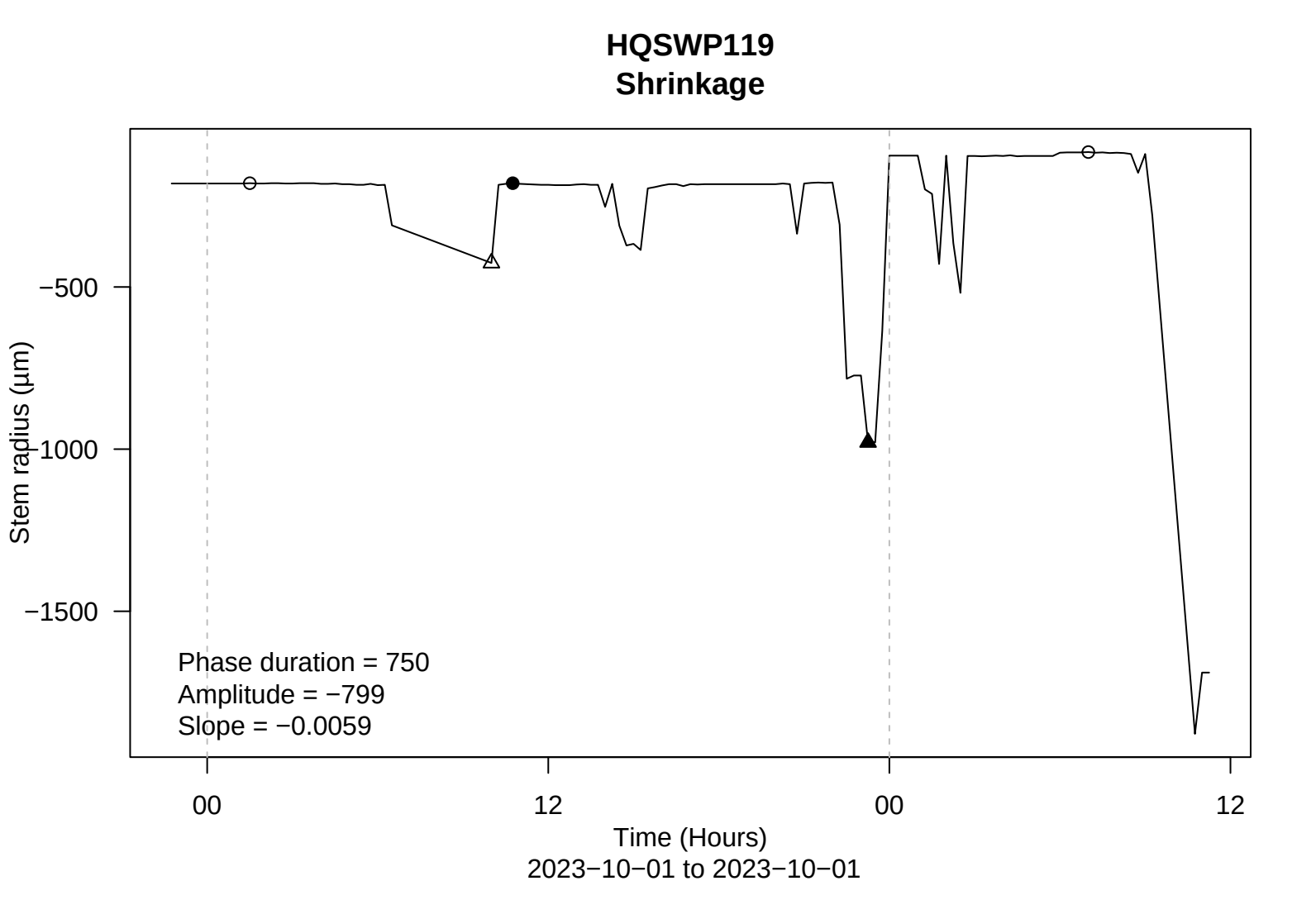

HQSWP119
Shrinkage
−4000
−4500
−5000
−5500
−6000
−6500
−7000
Stem radius (µm)
Phase duration = 270
Amplitude = −1823
Slope = −0.0761
12
18
00
06
12
Time (Hours)
2023−09−27 to 2023−09−28

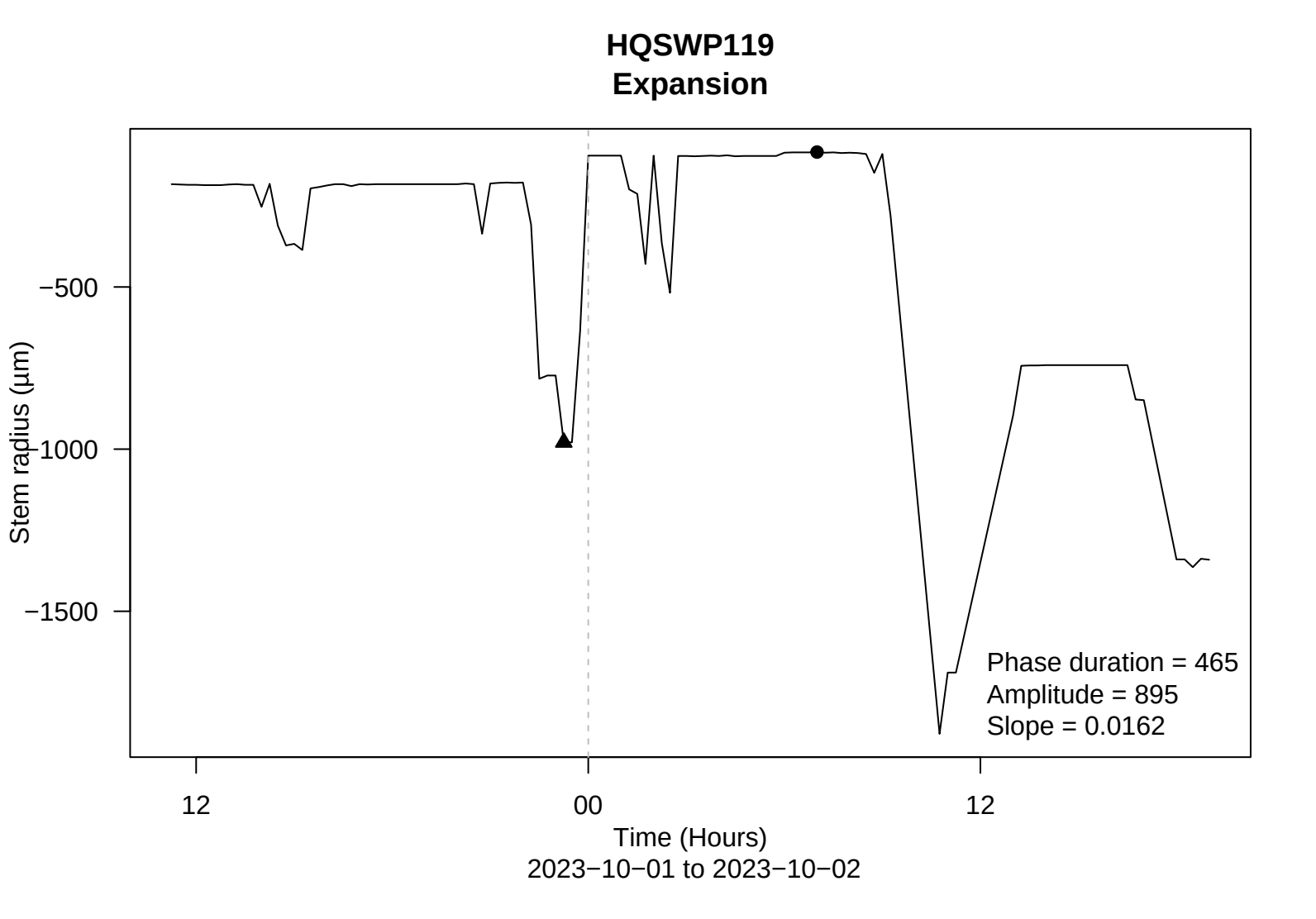

HQSWP119
Expansion
−3500
−4000
−4500
−5000
−5500
−6000
−6500
Stem radius (µm)
Phase duration = 705
Amplitude = 2351
Slope = 0.0291
00
12
00
Time (Hours)
2023−09−28 to 2023−09−28

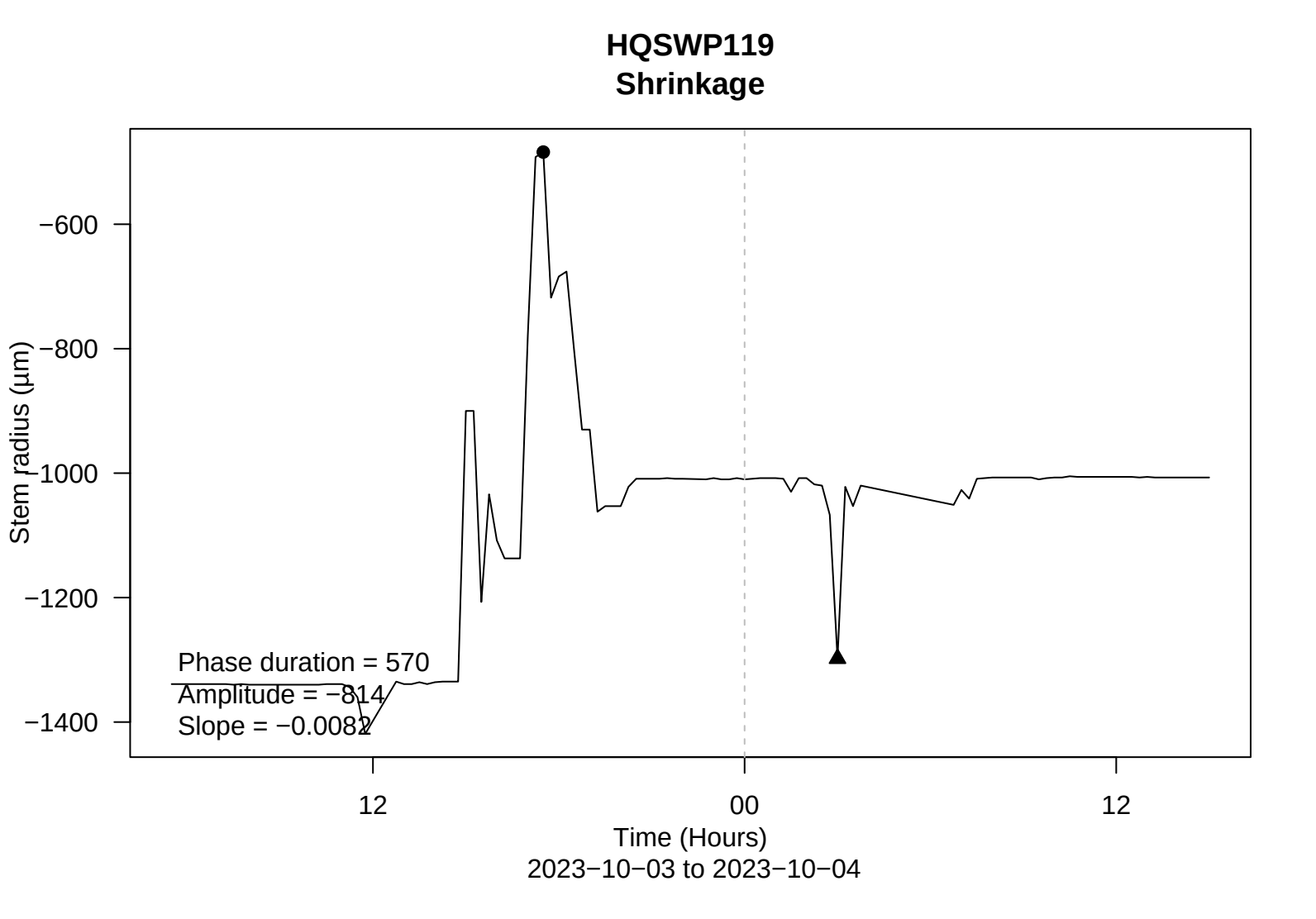

HQSWP119
Shrinkage
−1500
−2000
−2500
−3000
−3500
−4000
−4500
Stem radius (µm)
Phase duration = 645
Amplitude = −1437
Slope = −0.0112
00
12
00
Time (Hours)
2023−09−29 to 2023−09−29

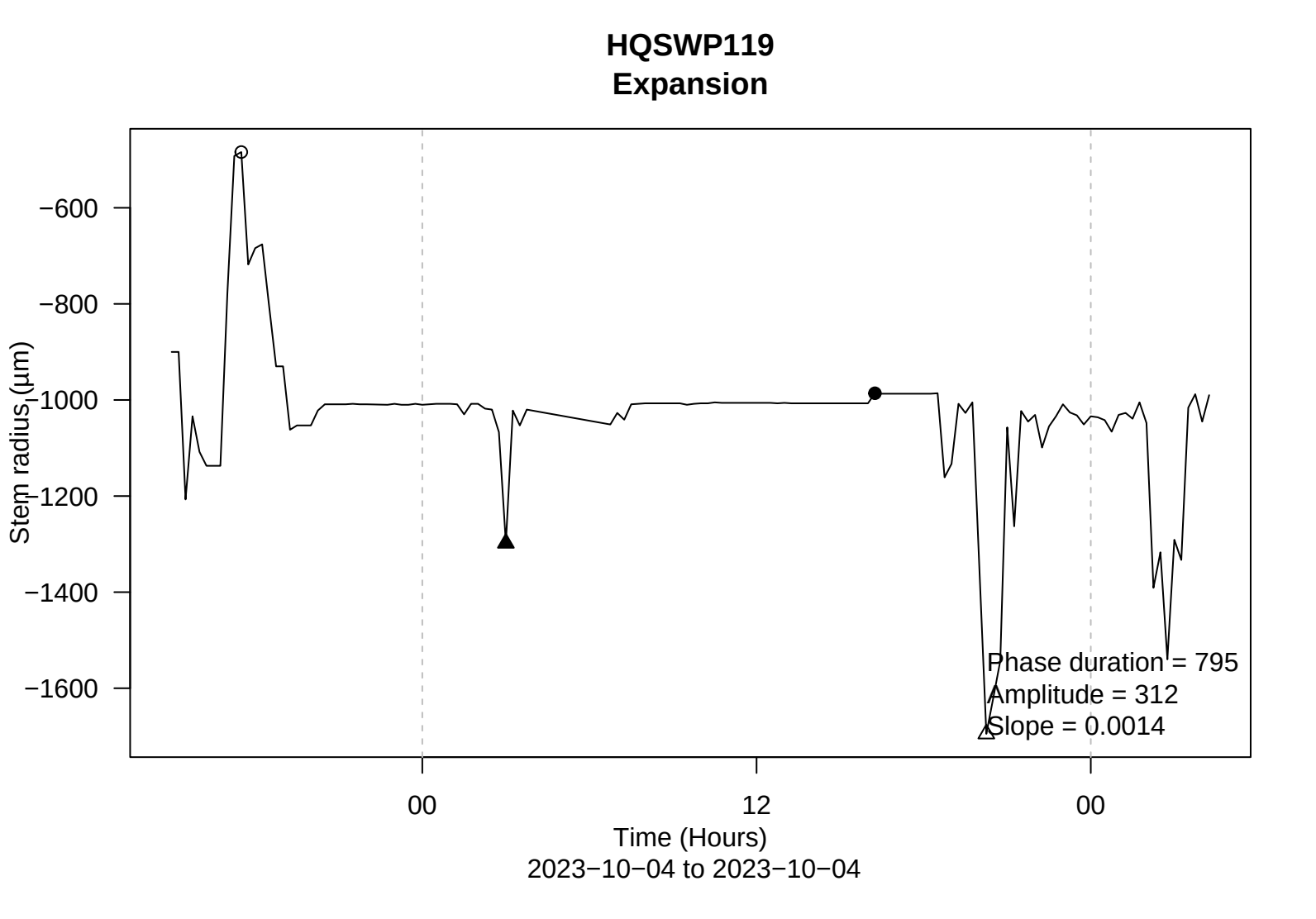

HQSWP119
Expansion
−500
−1000
−1500
−2000
−2500
−3000
Stem radius (µm)
12
00
12
00
12
Time (Hours)
2023−09−29 to 2023−10−01
Phase duration = 1695
Amplitude = 3128
Slope = 0.0312

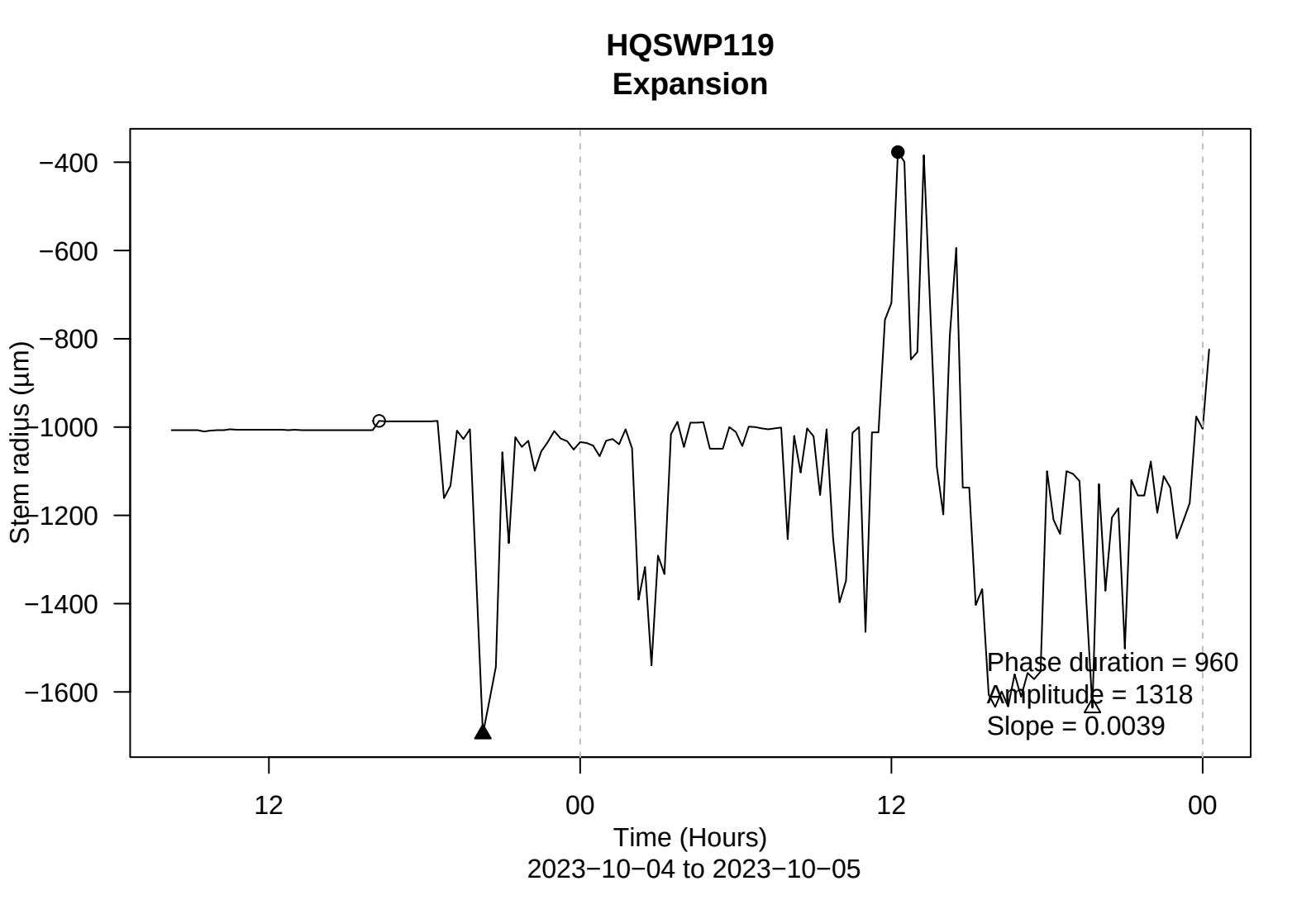

HQSWP119
Shrinkage
−200
−300
−400
−500
−600
−700
Stem radius (µm)
Phase duration = 510
Amplitude = −246
Slope = −0.0095
18
00
06
12
18
Time (Hours)
2023−10−01 to 2023−10−01

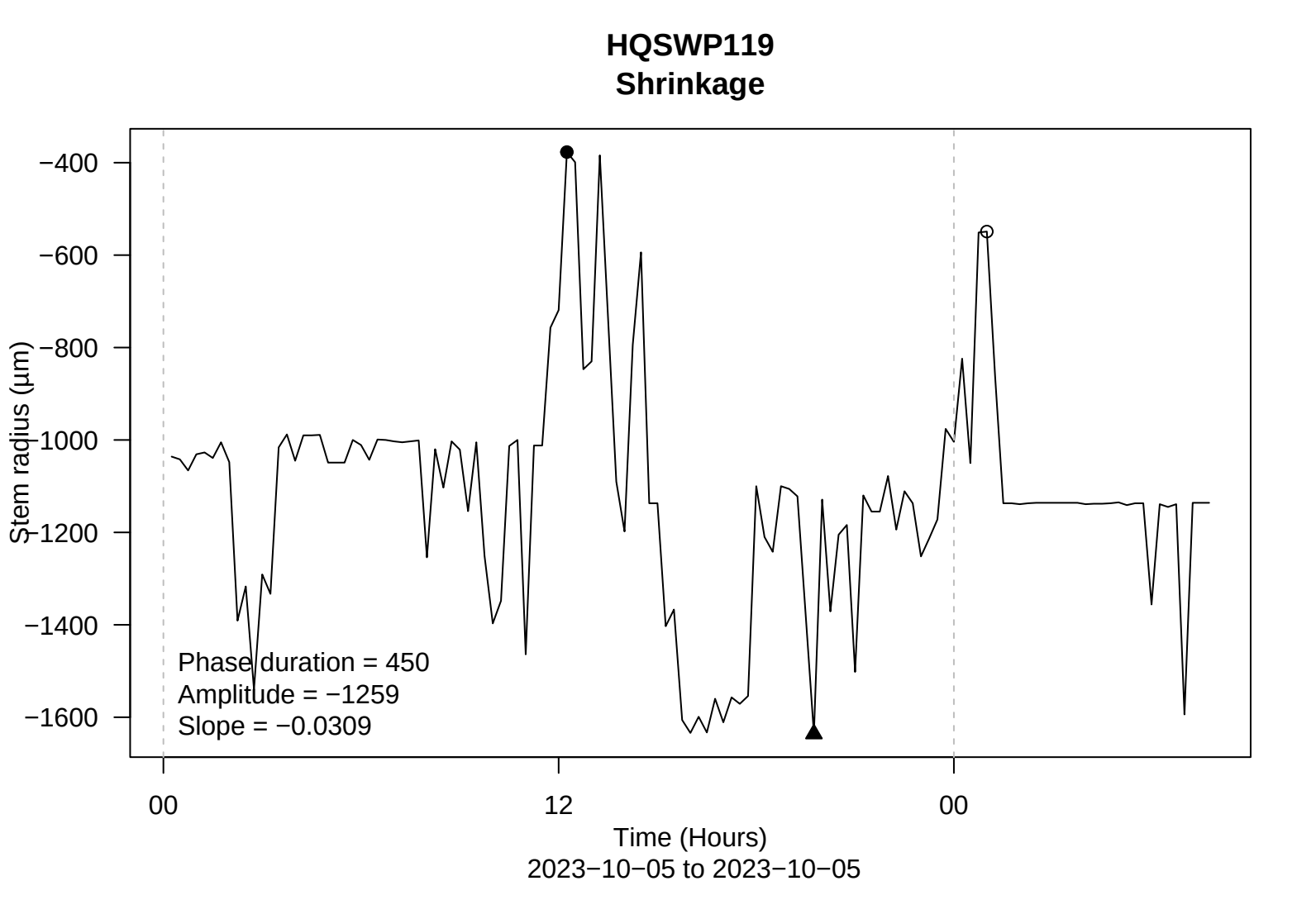

HQSWP119
Shrinkage
−500
−1000
−1500
Stem radius (µm)
Phase duration = 750
Amplitude = −799
Slope = −0.0059
00
12
00
12
Time (Hours)
2023−10−01 to 2023−10−01

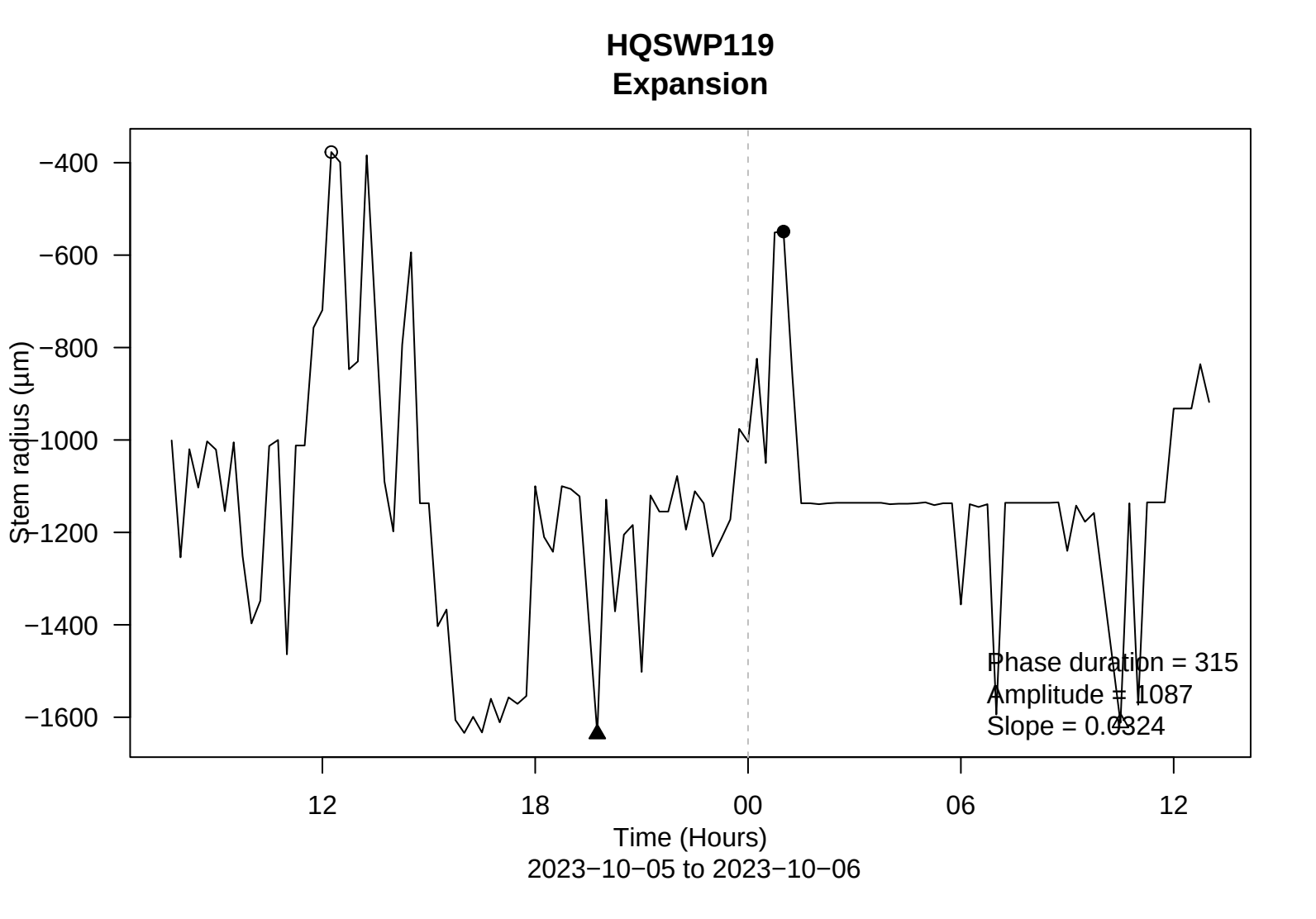

HQSWP119
Expansion
−500
−1000
−1500
Stem radius (µm)
12
00
12
Time (Hours)
2023−10−01 to 2023−10−02
Phase duration = 465
Amplitude = 895
Slope = 0.0162

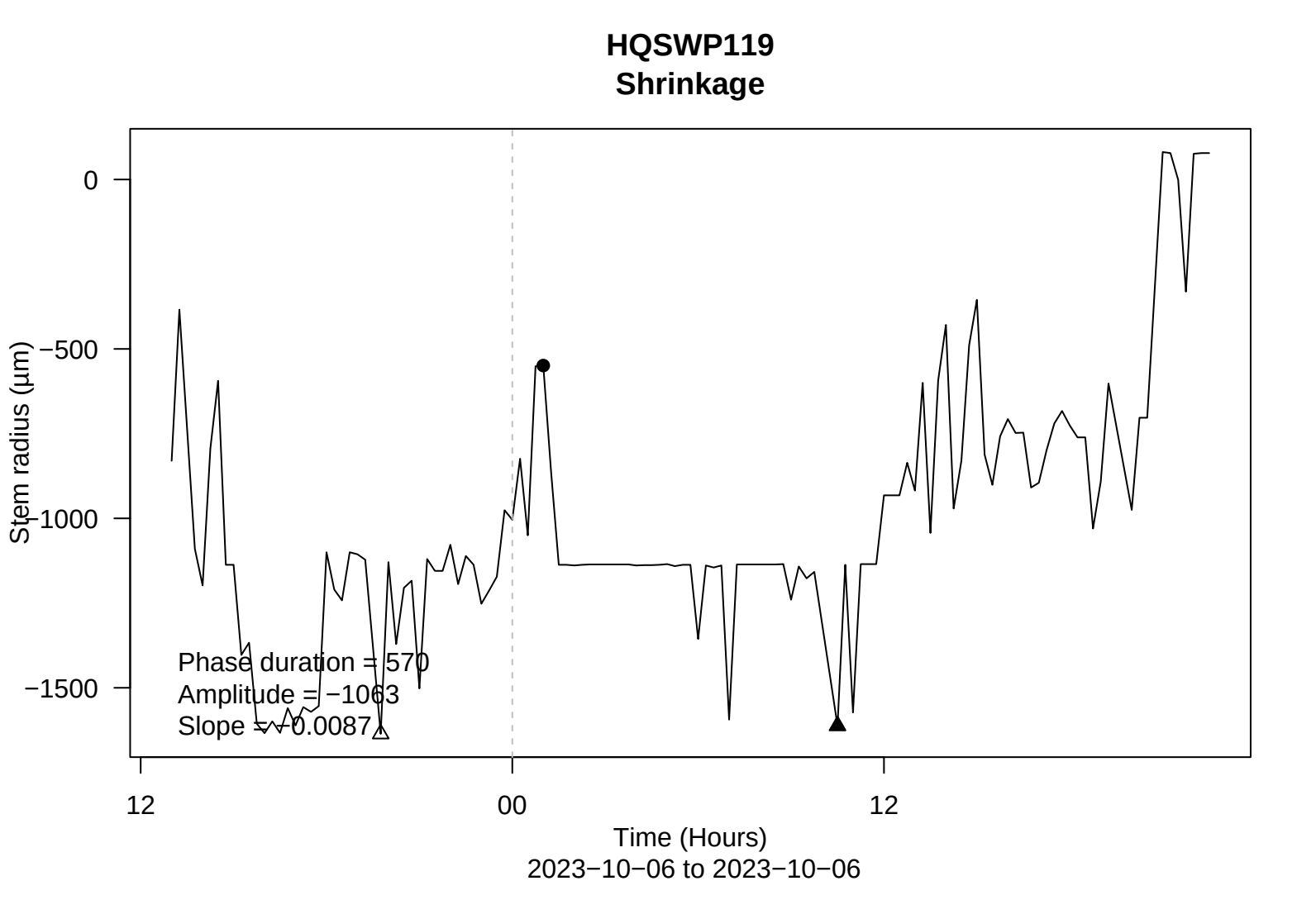

HQSWP119
Shrinkage
−600
−800
−1000
−1200
−1400
Stem radius (µm)
Phase duration = 570
Amplitude = −814
Slope = −0.0082
12
00
12
Time (Hours)
2023−10−03 to 2023−10−04

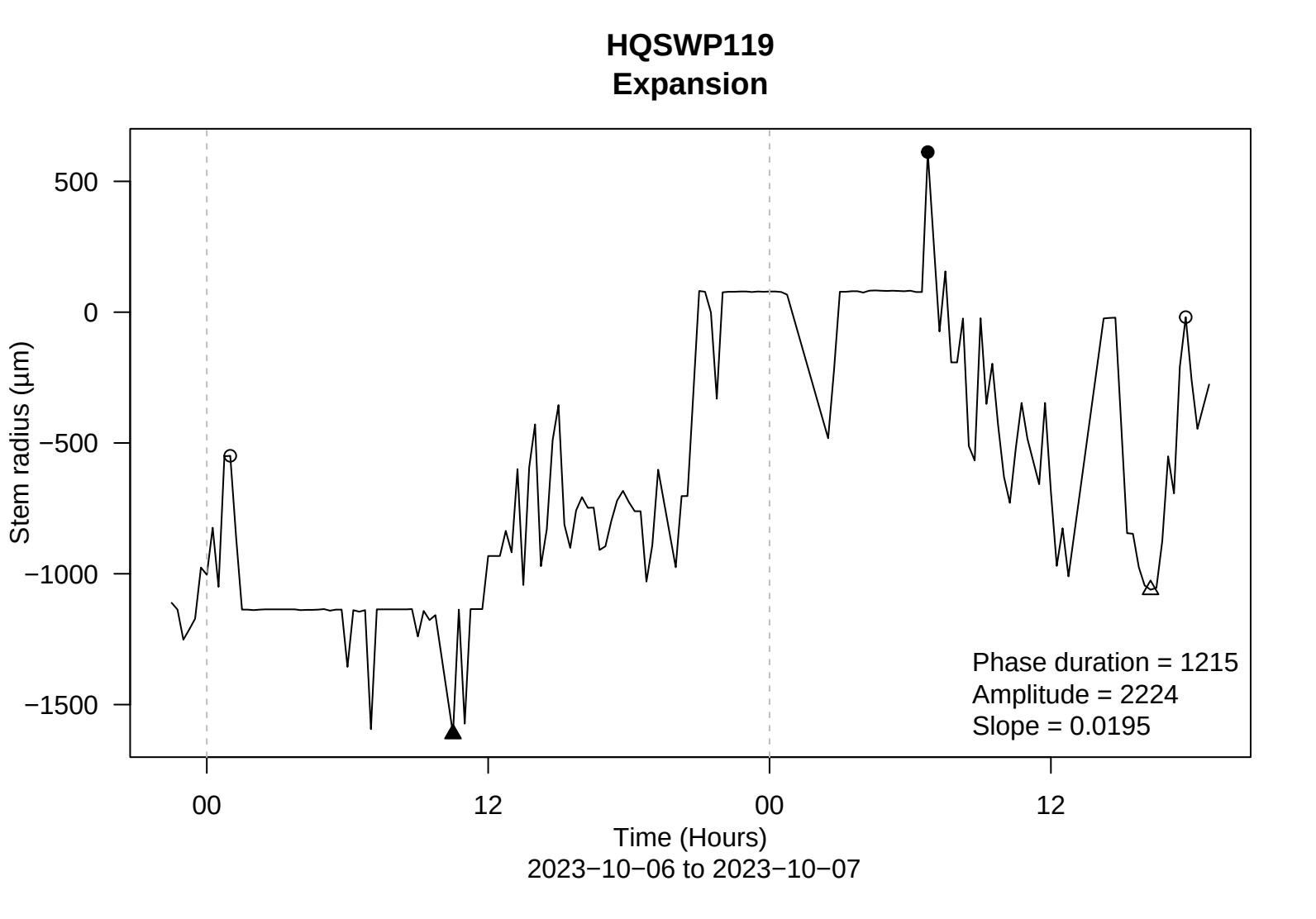

HQSWP119
Expansion
−600
−800
−1000
−1200
−1400
−1600
Stem radius (µm)
Phase duration = 795
Amplitude = 312
Slope = 0.0014
00
12
00
Time (Hours)
2023−10−04 to 2023−10−04

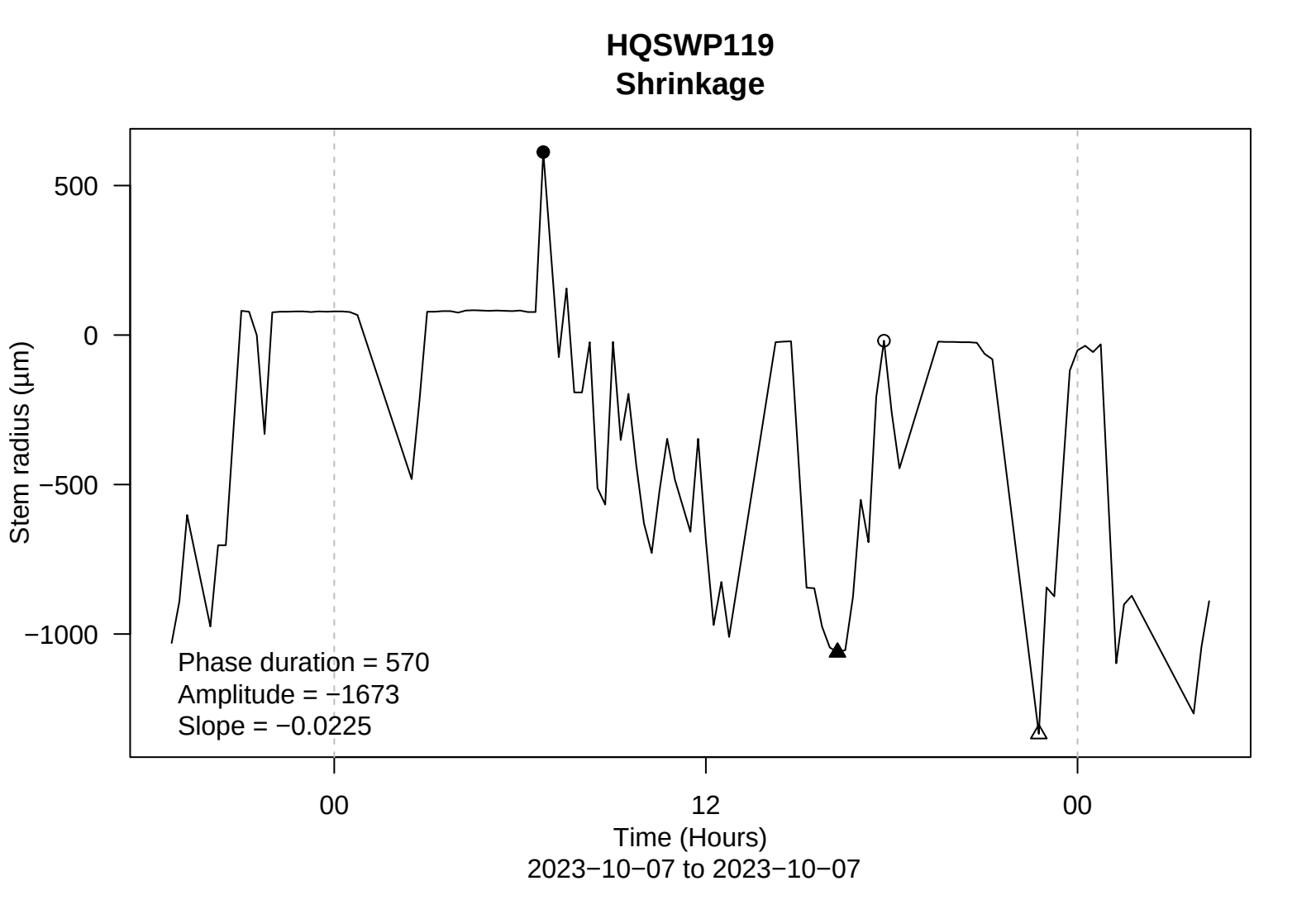

HQSWP119
Expansion
−400
−600
−800
−1000
−1200
−1400
−1600
Stem radius (µm)
Phase duration = 960
Amplitude = 1318
Slope = 0.0039
12
00
12
00
Time (Hours)
2023−10−04 to 2023−10−05

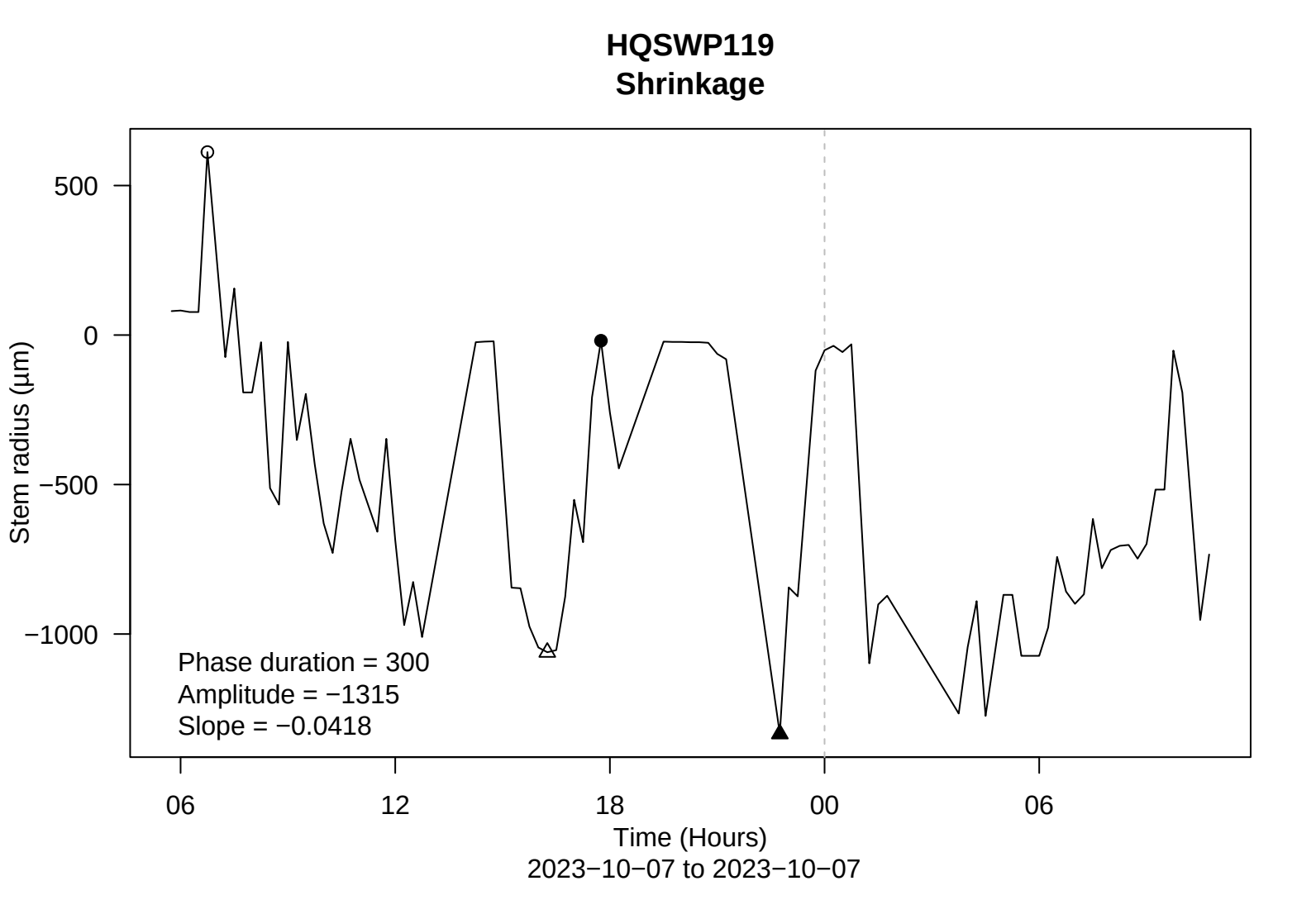

HQSWP119
Shrinkage
−400
−600
−800
−1000
−1200
−1400
−1600
Stem radius (µm)
Phase duration = 450
Amplitude = −1259
Slope = −0.0309
00
12
00
Time (Hours)
2023−10−05 to 2023−10−05

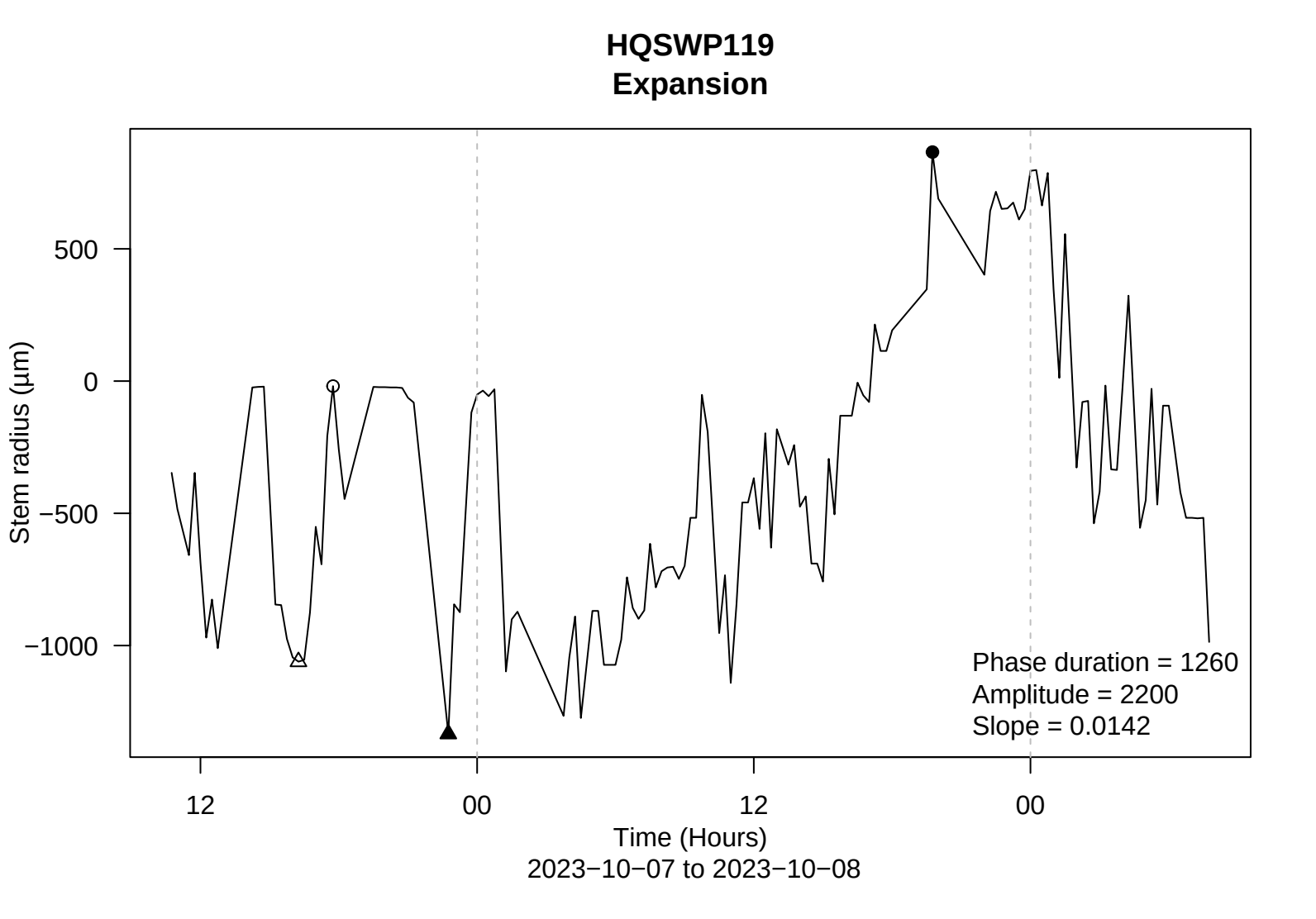

HQSWP119
Expansion
−400
−600
−800
−1000
−1200
−1400
−1600
Stem radius (µm)
12
18
00
06
12
Time (Hours)
2023−10−05 to 2023−10−06
Phase duration = 315
Amplitude = 1087
Slope = 0.0324

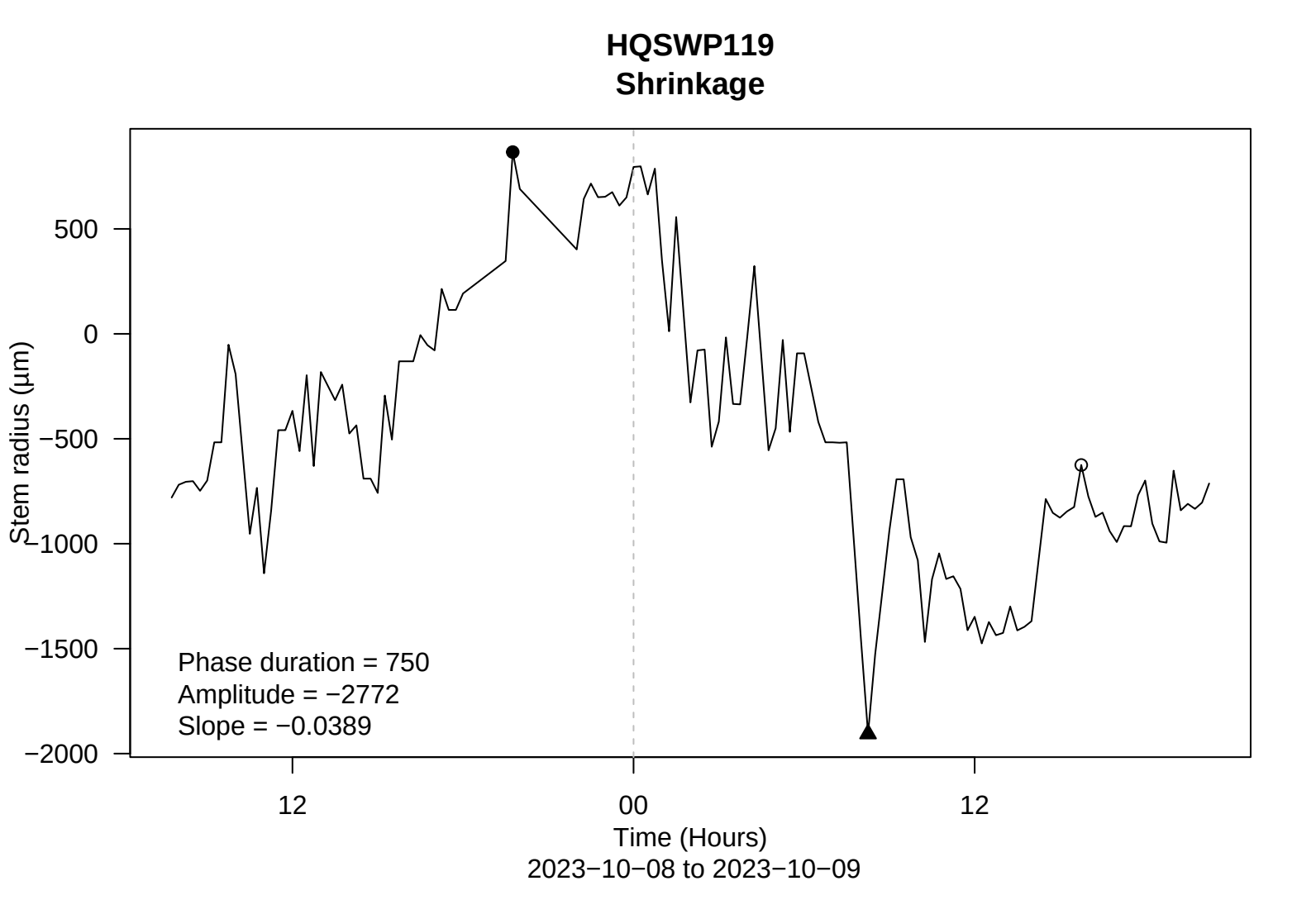

HQSWP119
Shrinkage
0
−500
−1000
−1500
Stem radius (µm)
Phase duration = 570
Amplitude = −1063
Slope = −0.0087
12
00
12
Time (Hours)
2023−10−06 to 2023−10−06

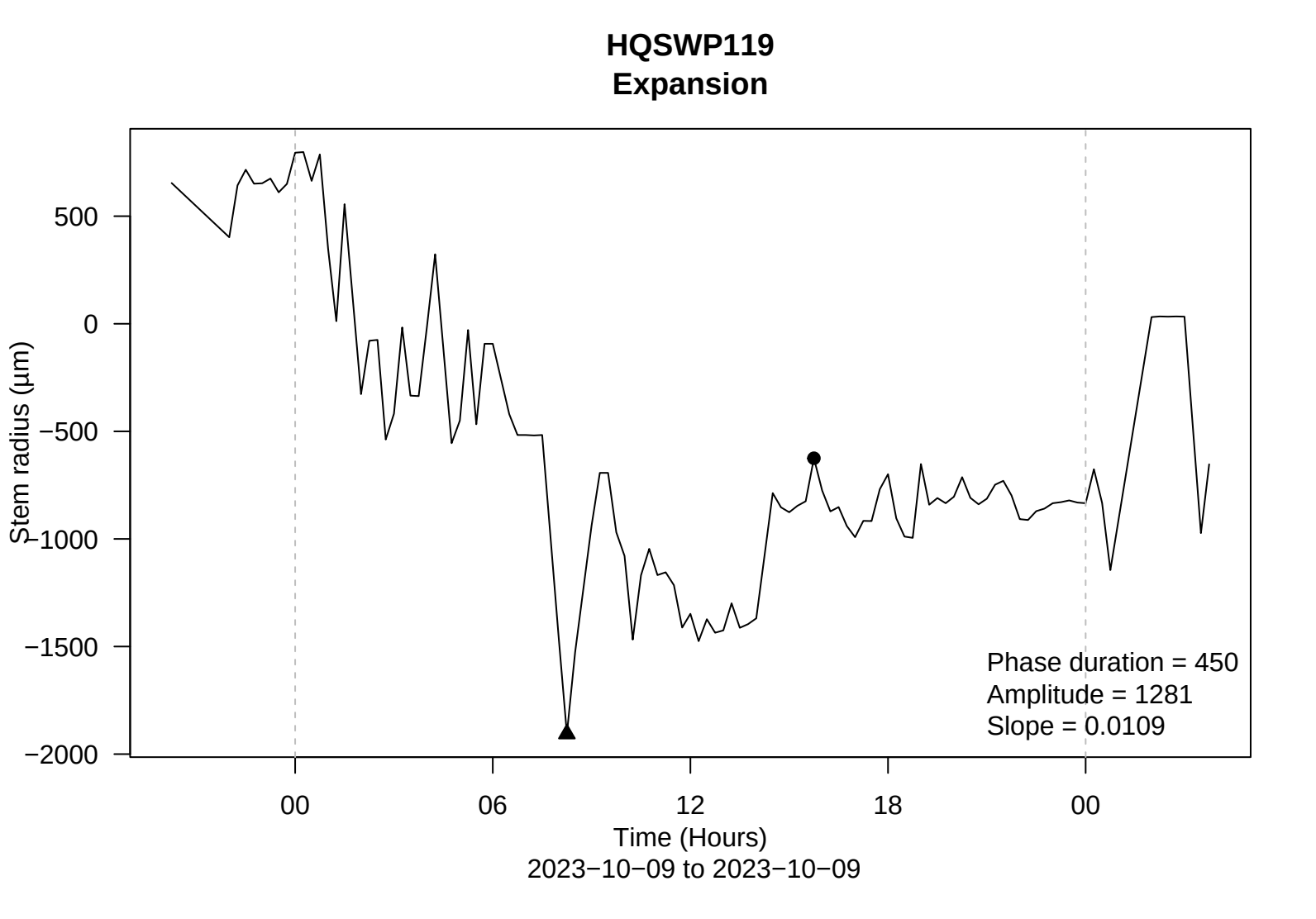

HQSWP119
Expansion
500
0
−500
−1000
−1500
Stem radius (µm)
00
12
00
12
Time (Hours)
2023−10−06 to 2023−10−07
Phase duration = 1215
Amplitude = 2224
Slope = 0.0195

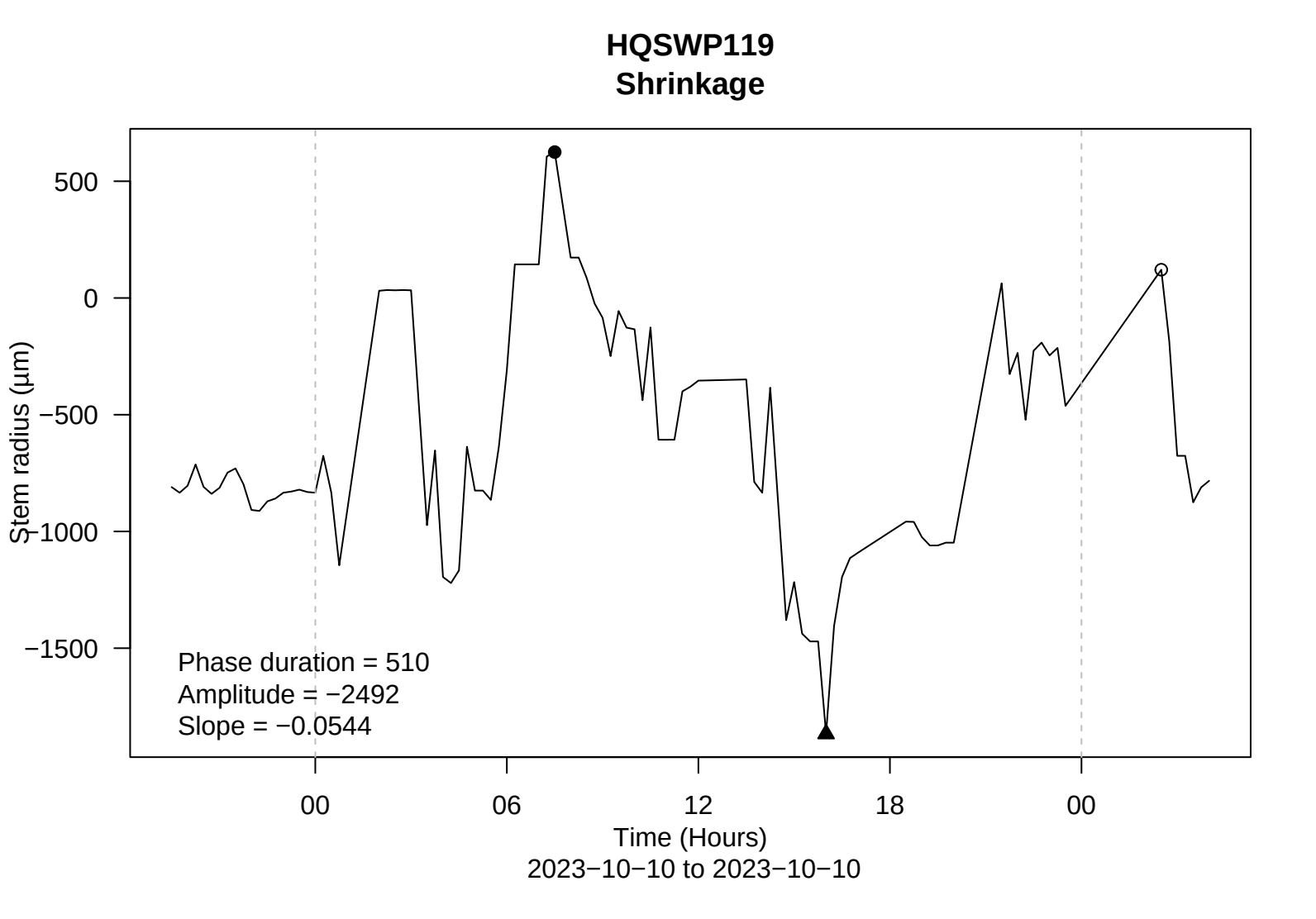

HQSWP119
Shrinkage
500
0
−500
−1000
Stem radius (µm)
Phase duration = 570
Amplitude = −1673
Slope = −0.0225
00
12
00
Time (Hours)
2023−10−07 to 2023−10−07

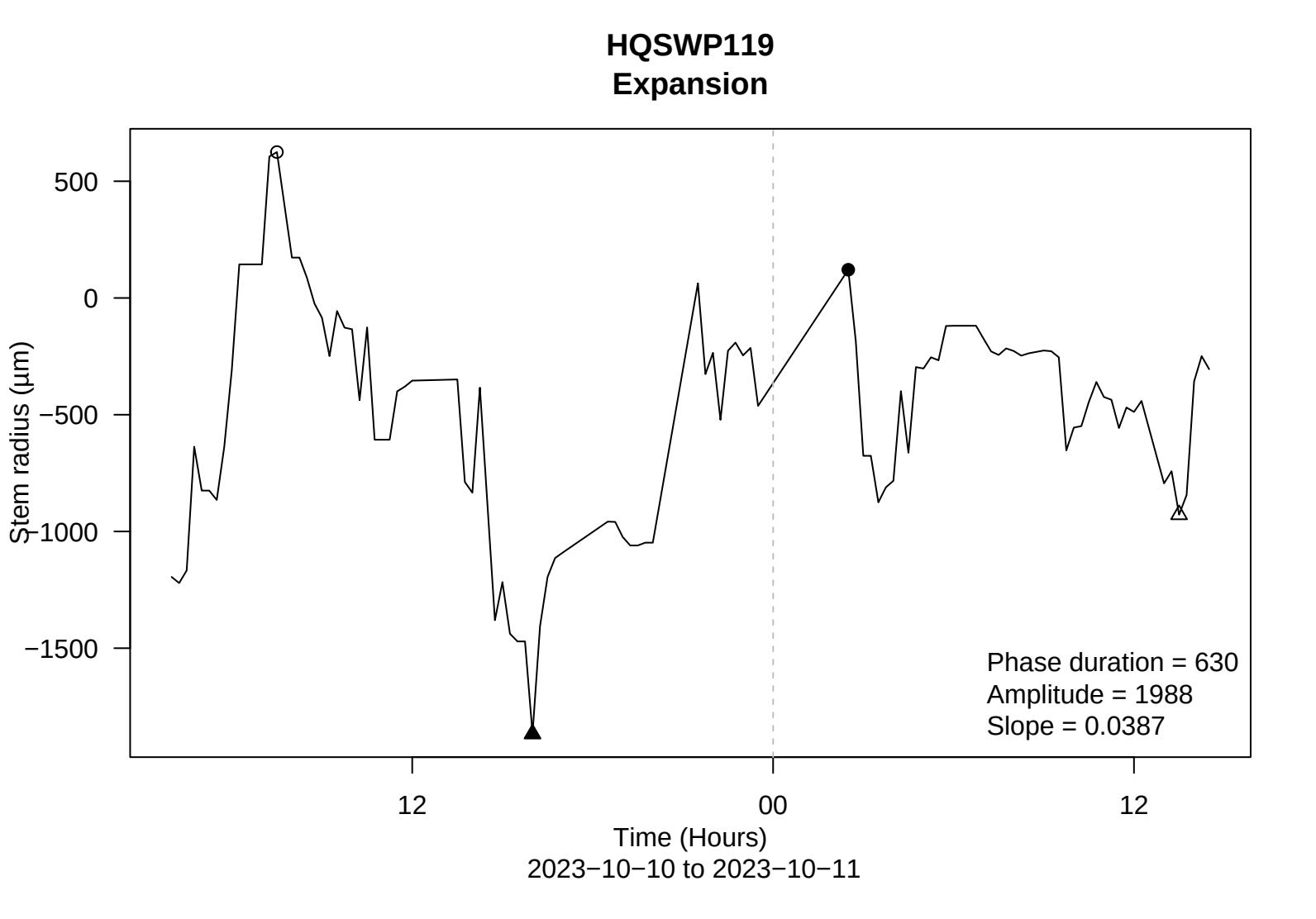

HQSWP119
Shrinkage
500
0
−500
−1000
Stem radius (µm)
Phase duration = 300
Amplitude = −1315
Slope = −0.0418
06
12
18
00
06
Time (Hours)
2023−10−07 to 2023−10−07

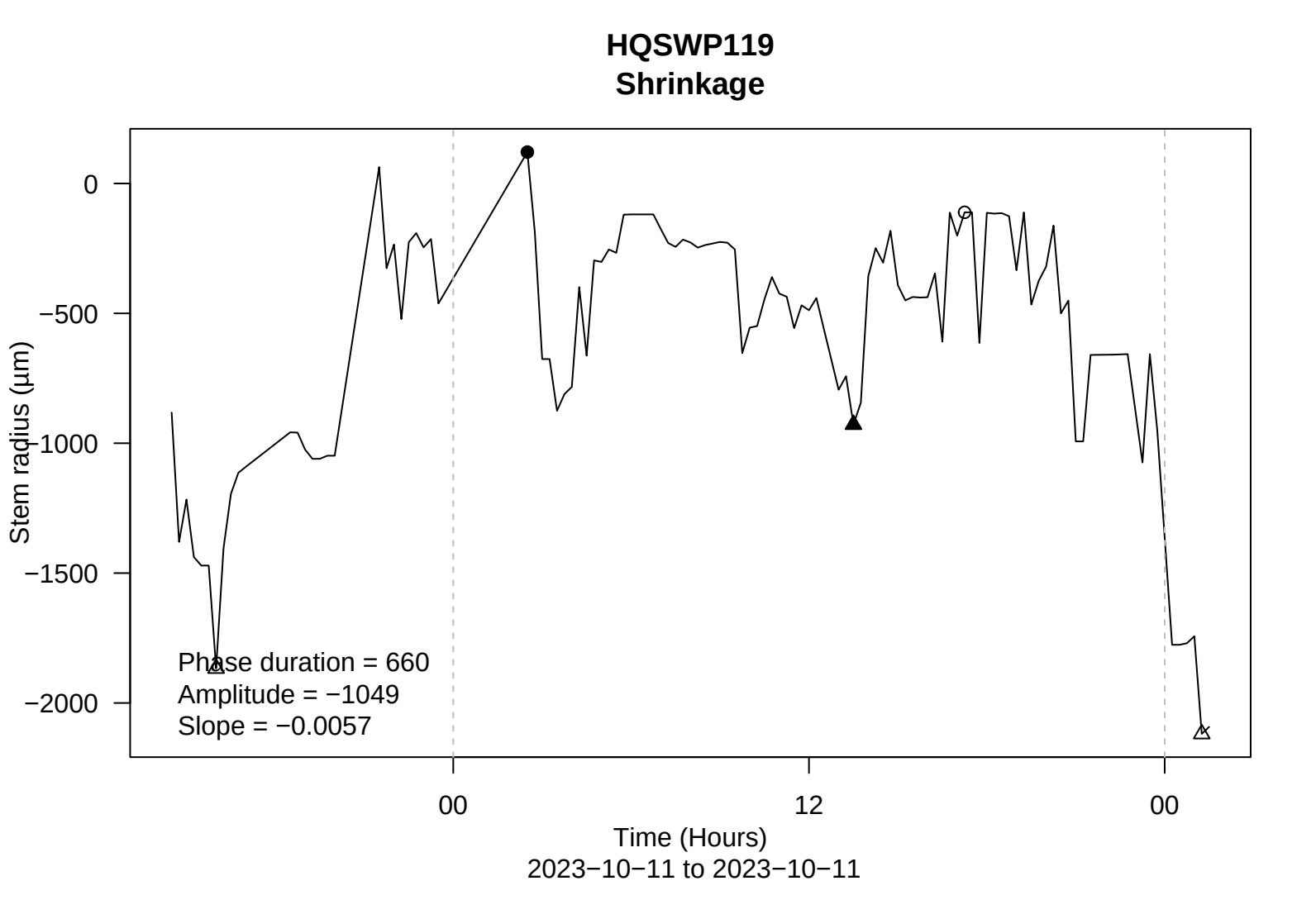

HQSWP119
Expansion
500
0
−500
−1000
Stem radius (µm)
12
00
12
00
Time (Hours)
2023−10−07 to 2023−10−08
Phase duration = 1260
Amplitude = 2200
Slope = 0.0142

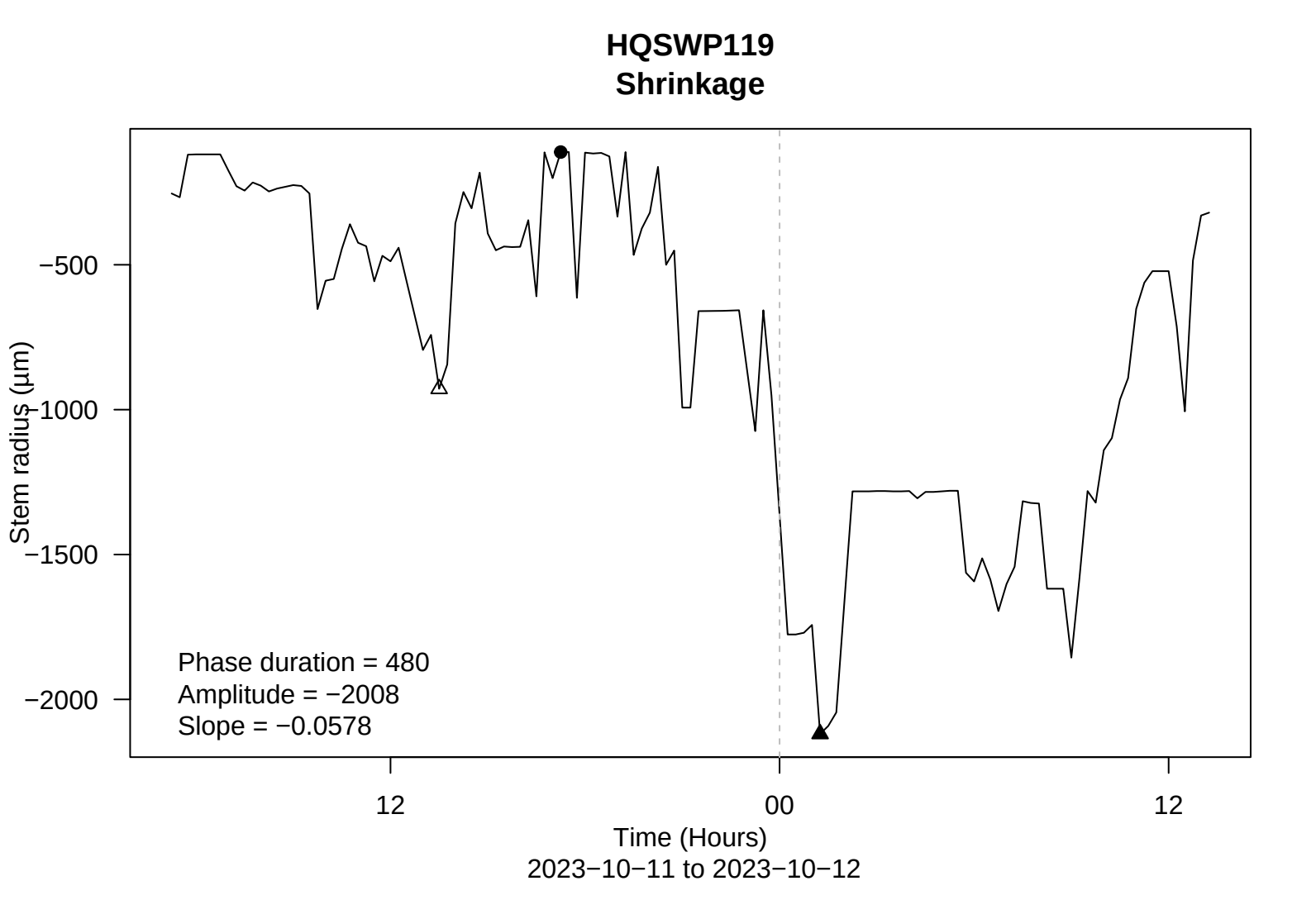

HQSWP119
Shrinkage
500
0
−500
−1000
−1500
−2000
Stem radius (µm)
Phase duration = 750
Amplitude = −2772
Slope = −0.0389
12
00
12
Time (Hours)
2023−10−08 to 2023−10−09

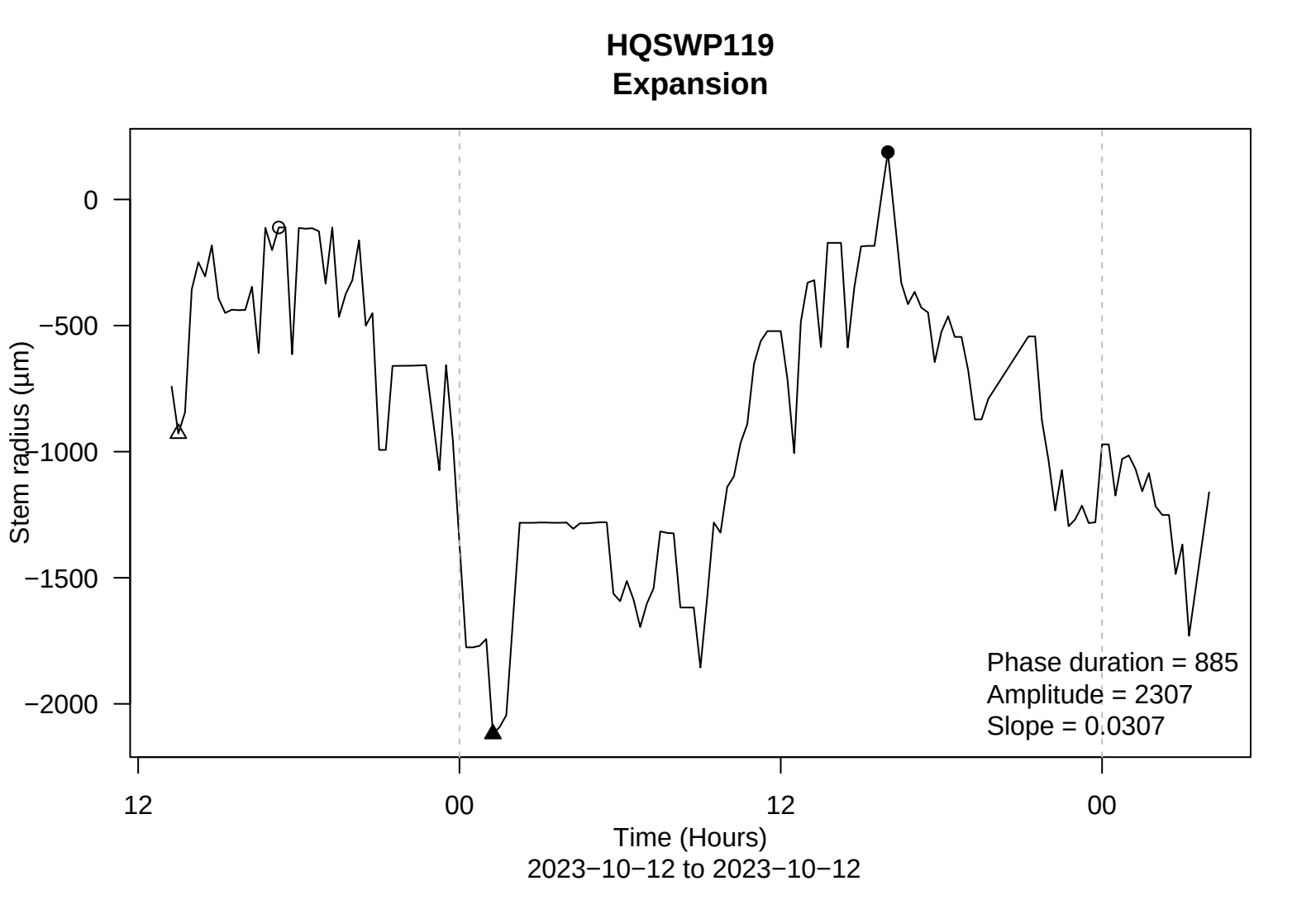

HQSWP119
Expansion
500
0
−500
−1000
−1500
−2000
Stem radius (µm)
00
06
12
18
00
Time (Hours)
2023−10−09 to 2023−10−09
Phase duration = 450
Amplitude = 1281
Slope = 0.0109

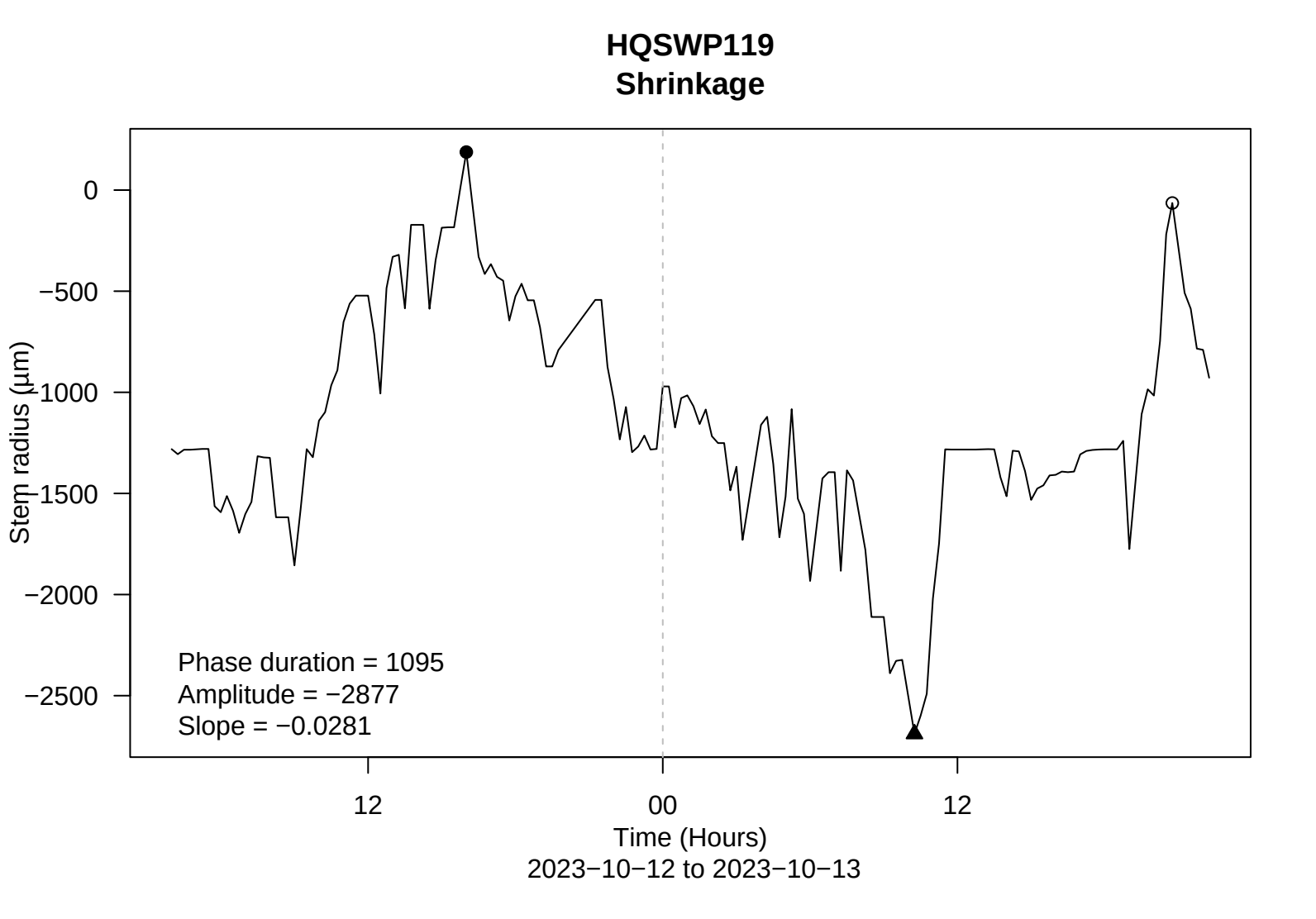

HQSWP119
Shrinkage
500
0
−500
−1000
−1500
Stem radius (µm)
Phase duration = 510
Amplitude = −2492
Slope = −0.0544
00
06
12
18
00
Time (Hours)
2023−10−10 to 2023−10−10

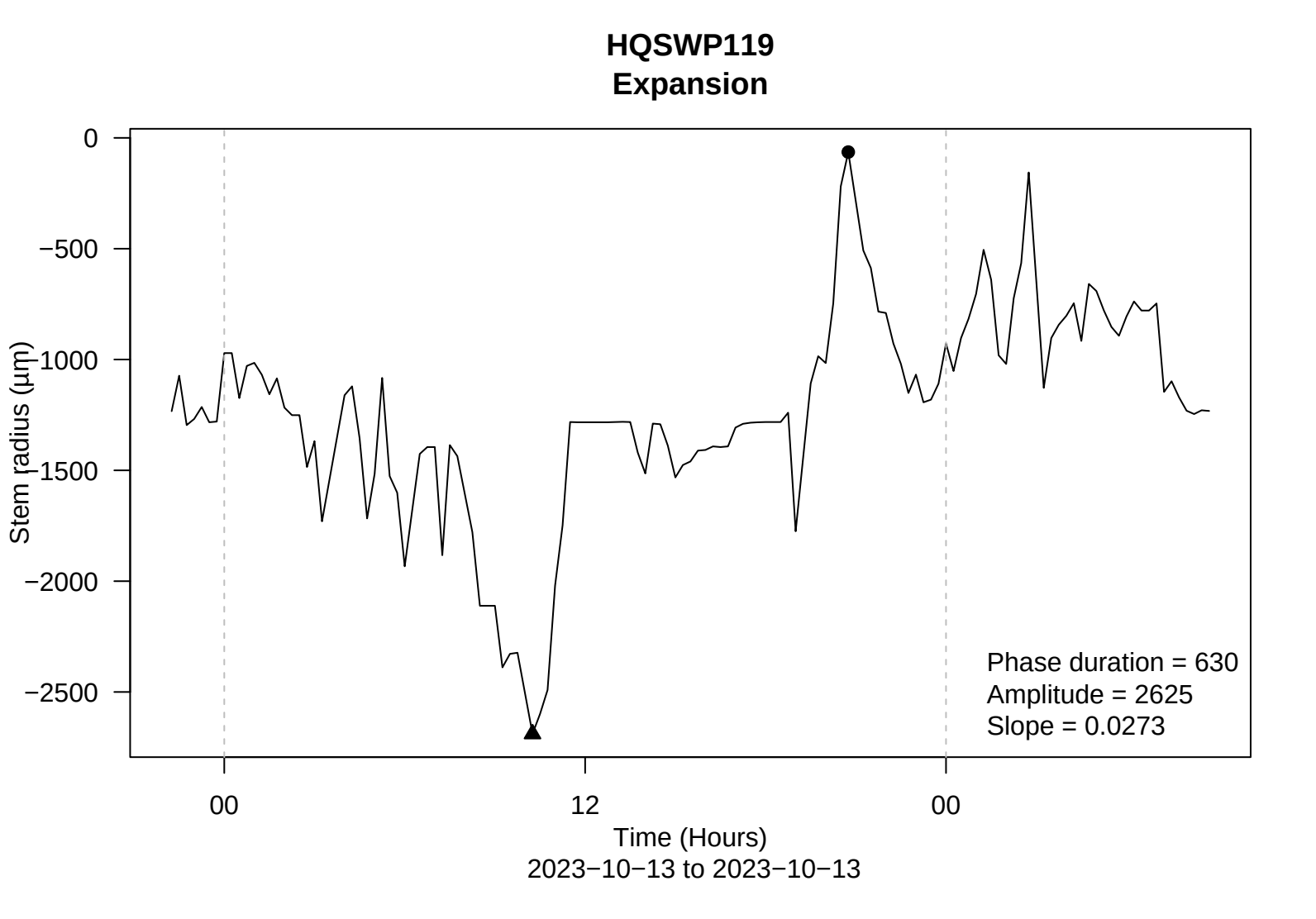

HQSWP119
Expansion
500
0
−500
−1000
−1500
Stem radius (µm)
Phase duration = 630
Amplitude = 1988
Slope = 0.0387
12
00
12
Time (Hours)
2023−10−10 to 2023−10−11

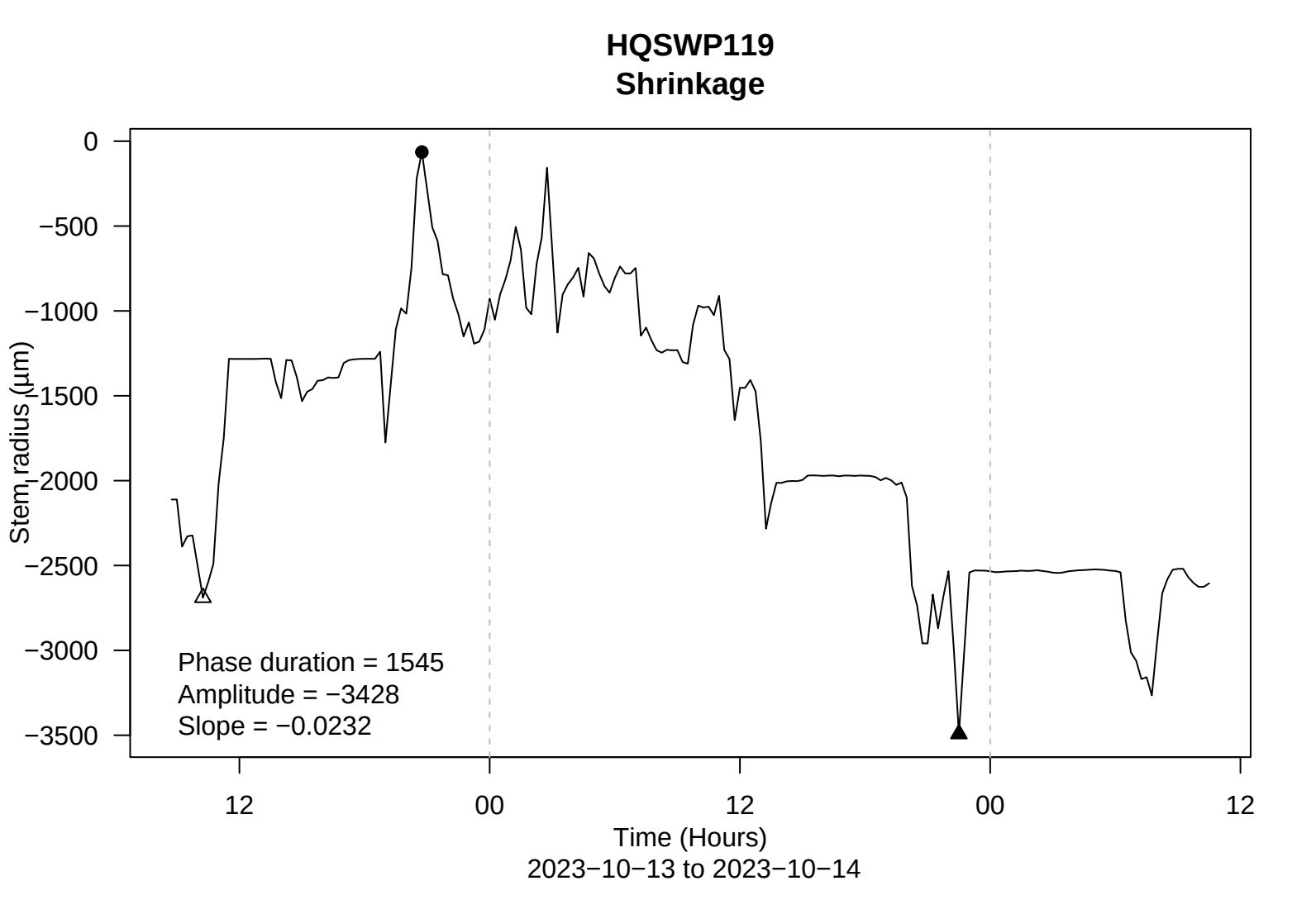

HQSWP119
Shrinkage
0
−500
−1000
−1500
−2000
Stem radius (µm)
Phase duration = 660
Amplitude = −1049
Slope = −0.0057
00
12
00
Time (Hours)
2023−10−11 to 2023−10−11

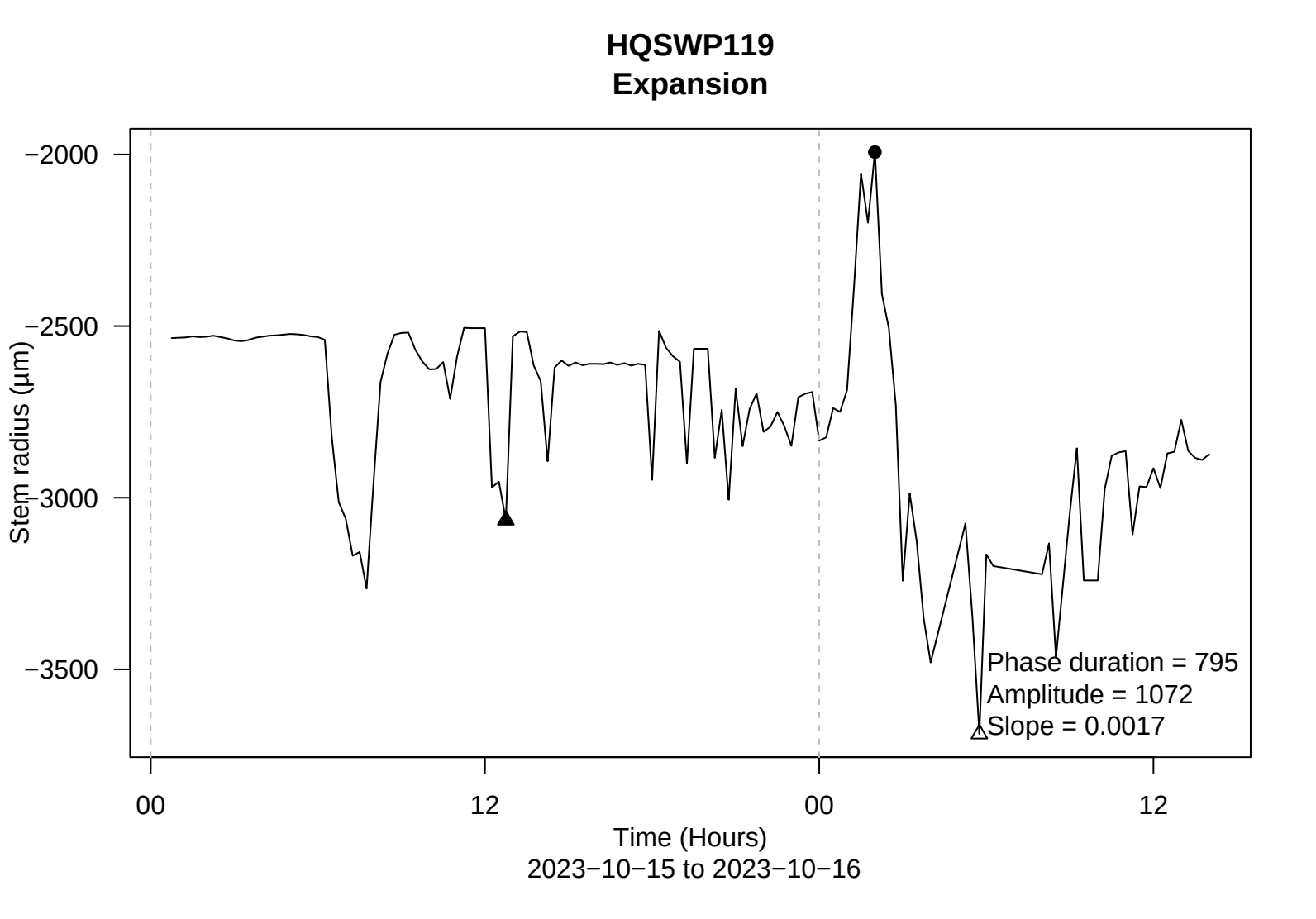

HQSWP119
Shrinkage
−500
−1000
−1500
−2000
Stem radius (µm)
Phase duration = 480
Amplitude = −2008
Slope = −0.0578
12
00
12
Time (Hours)
2023−10−11 to 2023−10−12

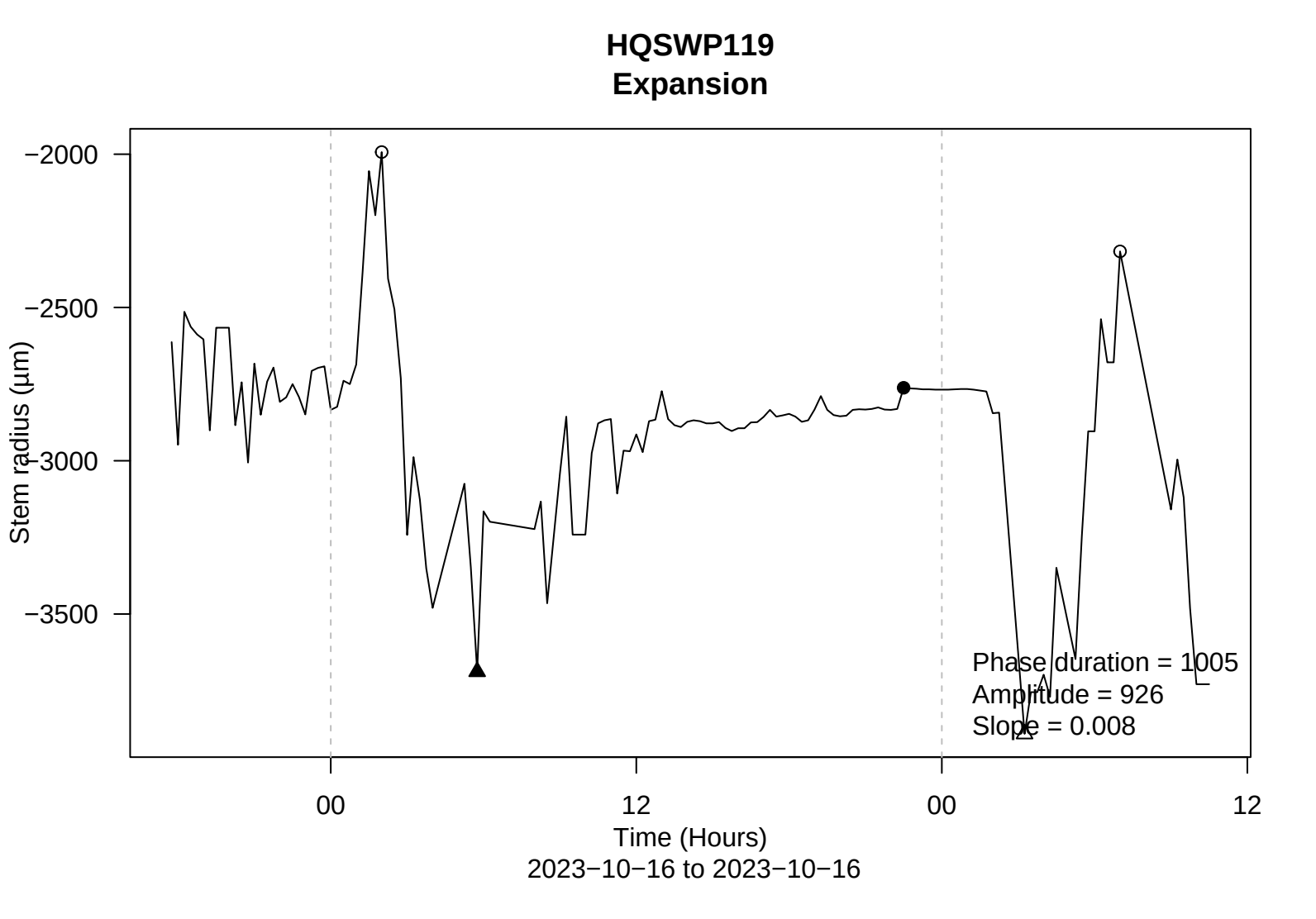

HQSWP119
Expansion
0
−500
−1000
−1500
−2000
Stem radius (µm)
12
00
12
00
Time (Hours)
2023−10−12 to 2023−10−12
Phase duration = 885
Amplitude = 2307
Slope = 0.0307

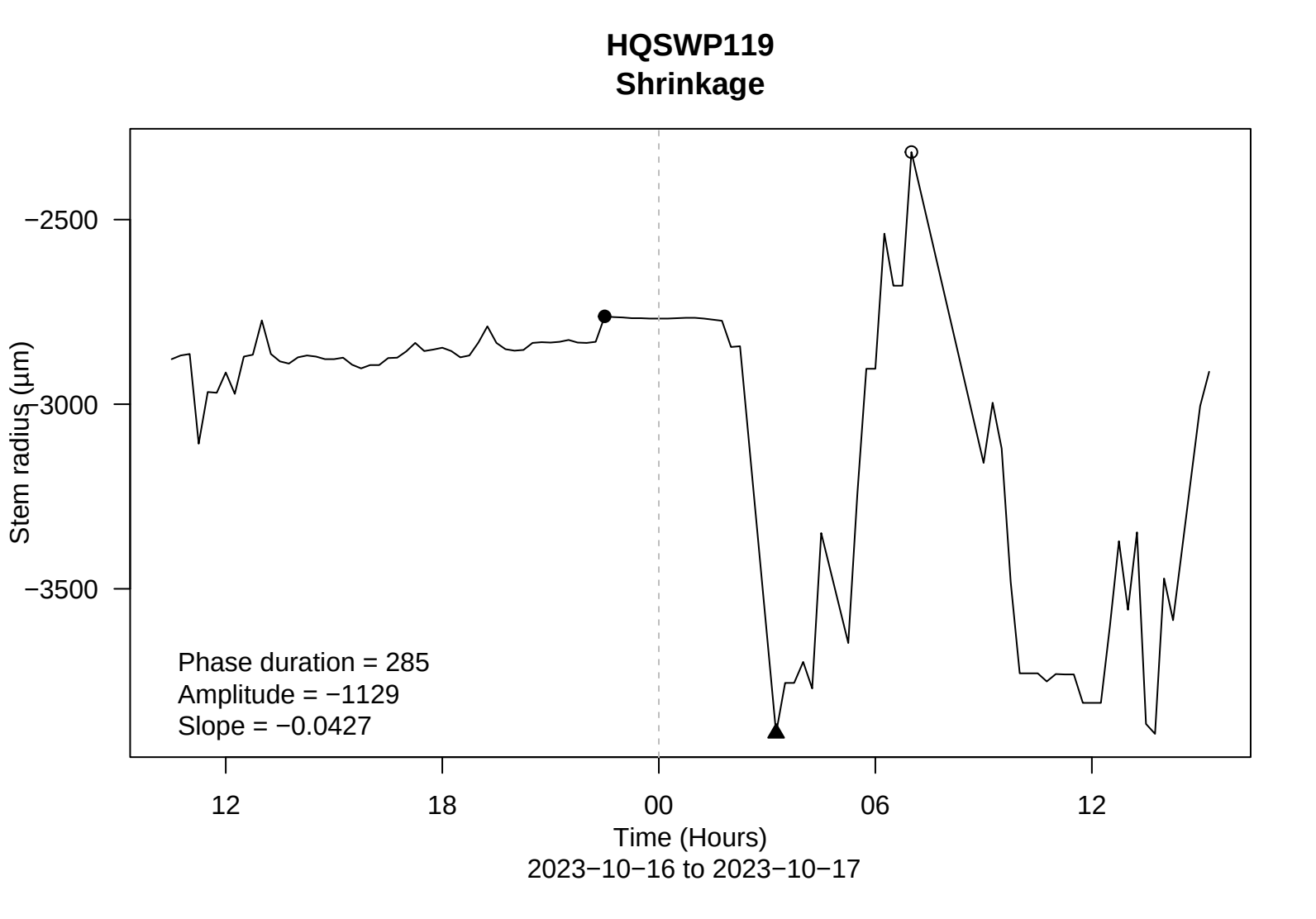

HQSWP119
Shrinkage
0
−500
−1000
−1500
−2000
−2500
Stem radius (µm)
Phase duration = 1095
Amplitude = −2877
Slope = −0.0281
12
00
12
Time (Hours)
2023−10−12 to 2023−10−13

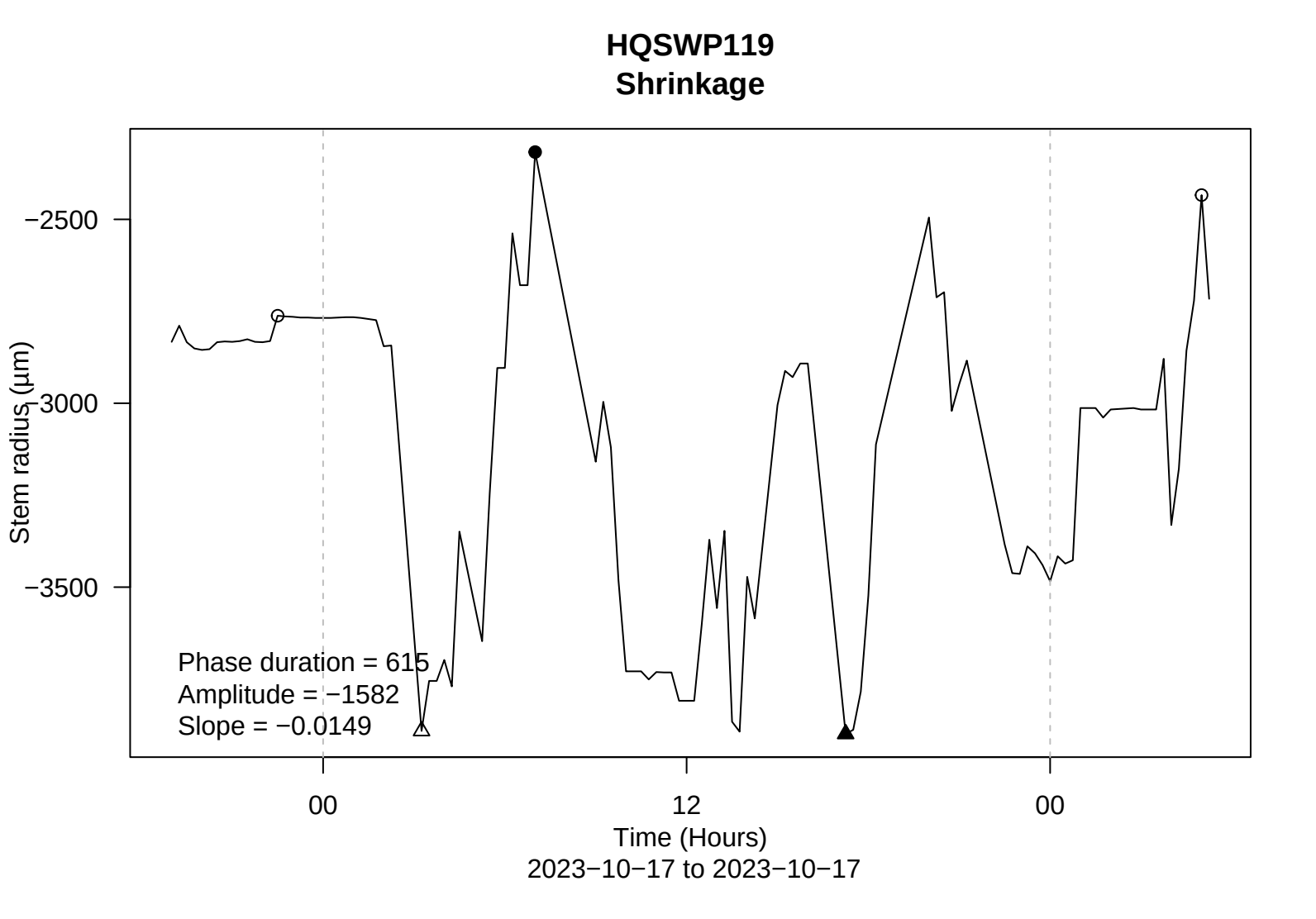

HQSWP119
Expansion
0
−500
−1000
−1500
−2000
−2500
Stem radius (µm)
Phase duration = 630
Amplitude = 2625
Slope = 0.0273
00
12
00
Time (Hours)
2023−10−13 to 2023−10−13

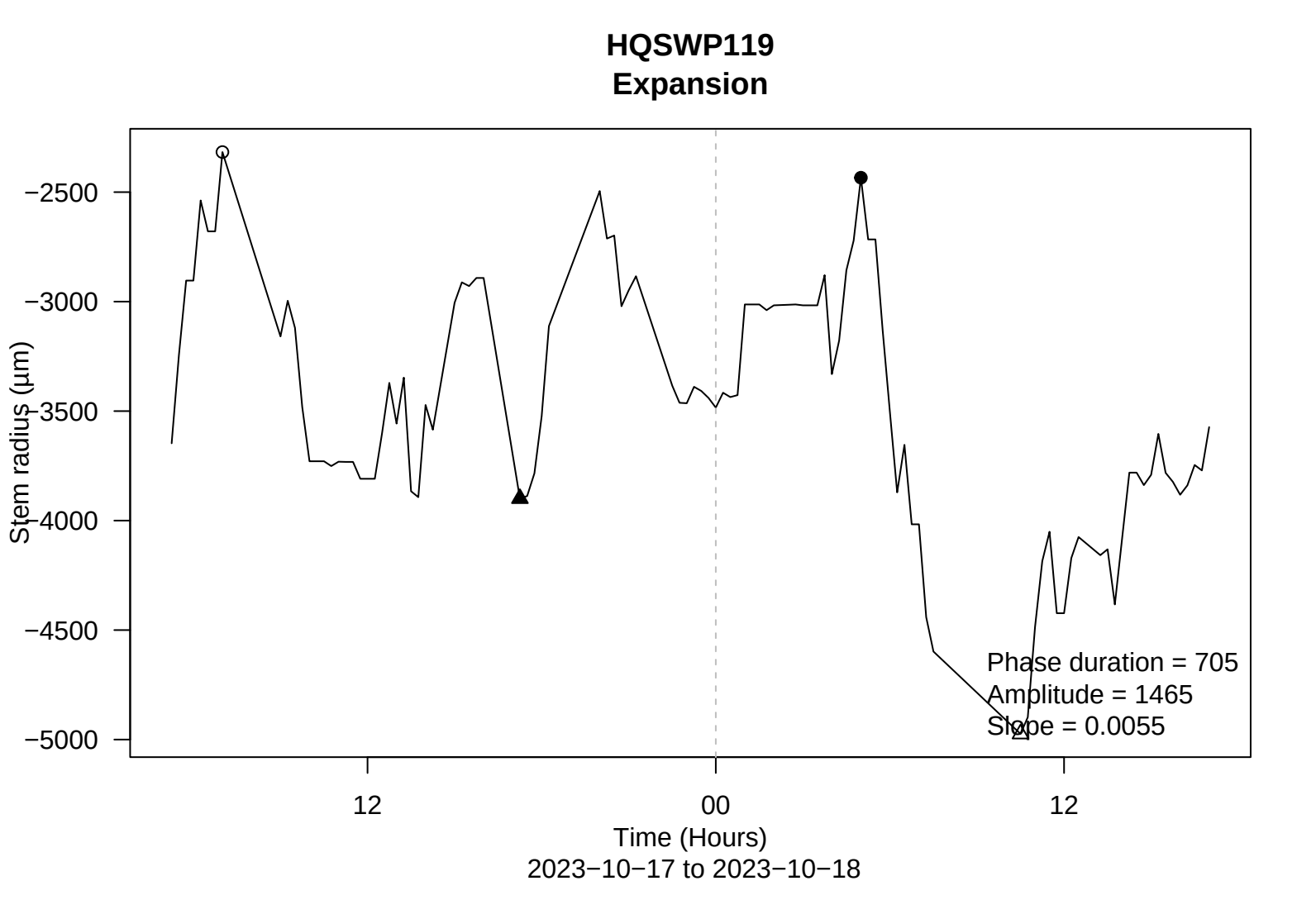

HQSWP119
Shrinkage
0
−500
−1000
−1500
−2000
−2500
−3000
−3500
Stem radius (µm)
Phase duration = 1545
Amplitude = −3428
Slope = −0.0232
12
00
12
00
12
Time (Hours)
2023−10−13 to 2023−10−14

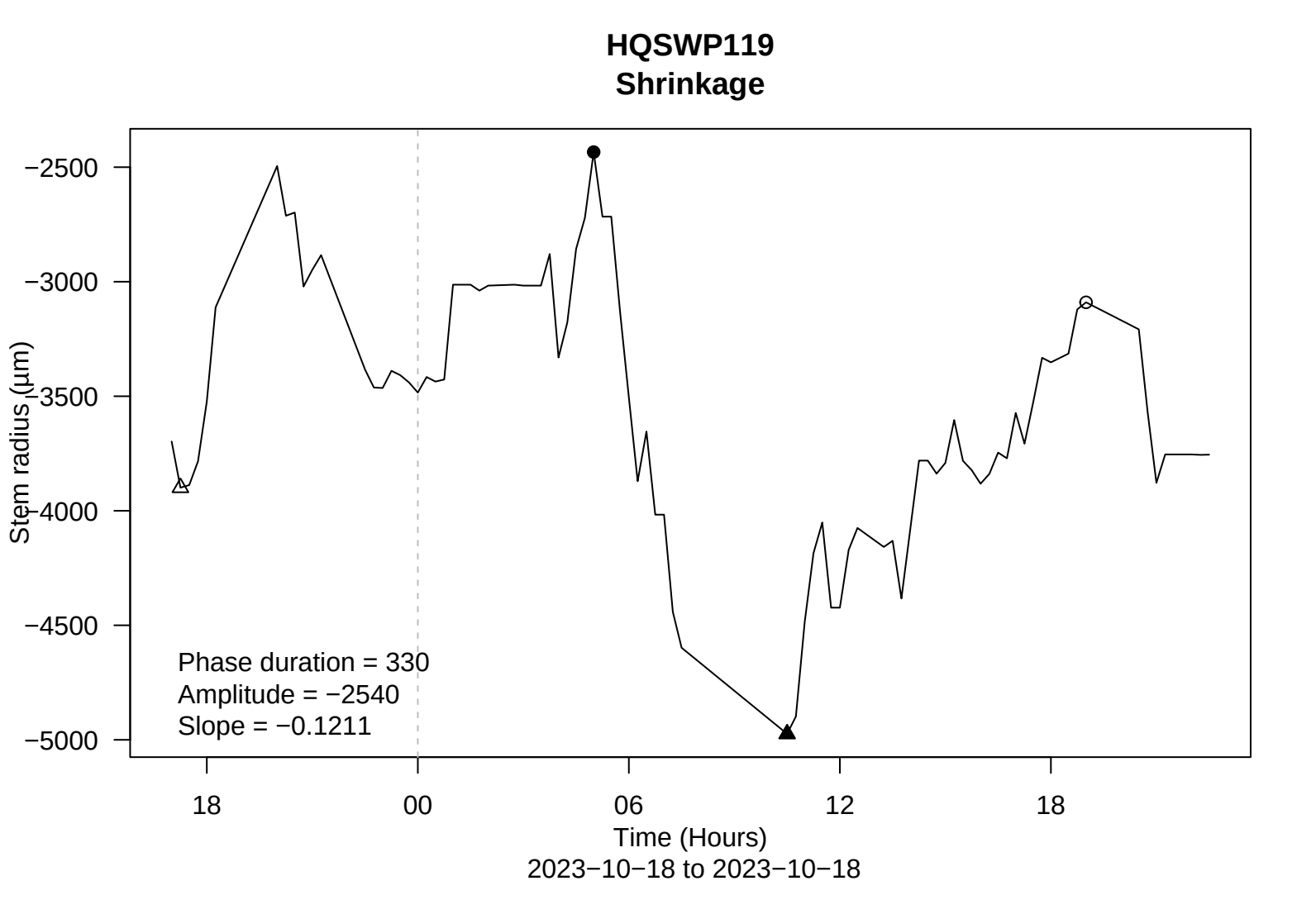

HQSWP119
Expansion
−2000
−2500
−3000
−3500
Stem radius (µm)
Phase duration = 795
Amplitude = 1072
Slope = 0.0017
00
12
00
12
Time (Hours)
2023−10−15 to 2023−10−16

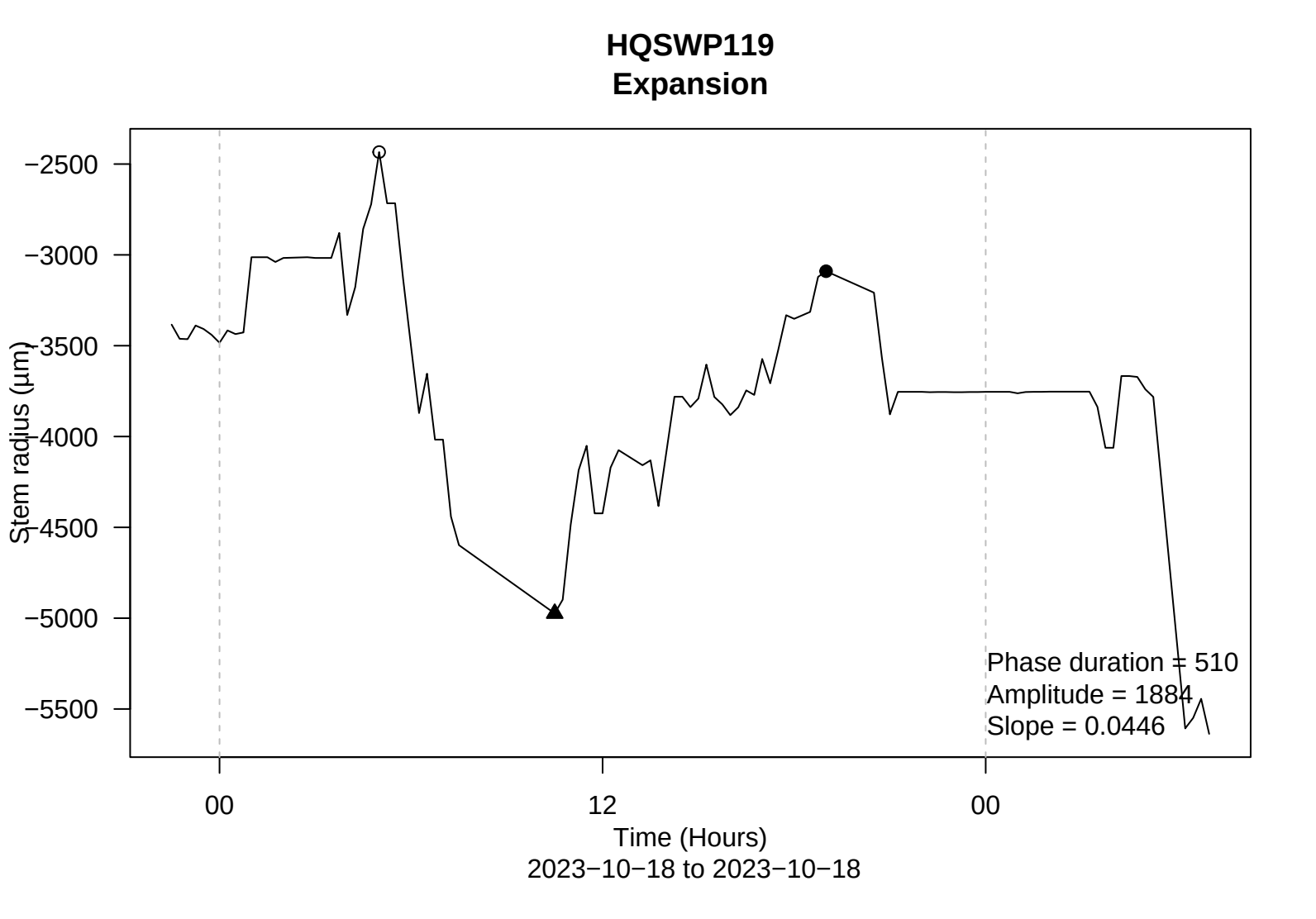

HQSWP119
Expansion
−2000
−2500
−3000
−3500
Stem radius (µm)
Phase duration = 1005
Amplitude = 926
Slope = 0.008
00
12
00
12
Time (Hours)
2023−10−16 to 2023−10−16

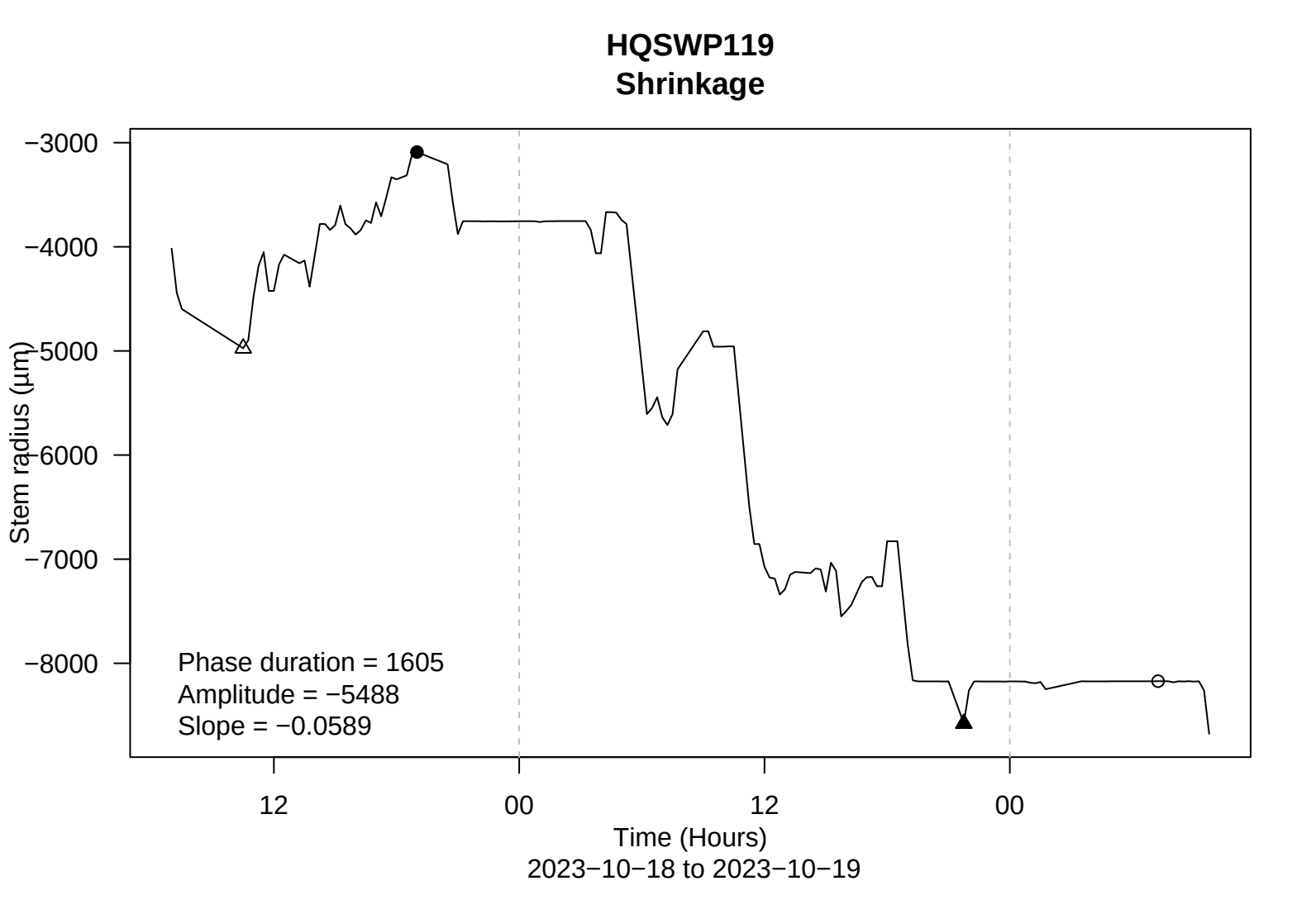

HQSWP119
Shrinkage
−2500
−3000
−3500
Stem radius (µm)
Phase duration = 285
Amplitude = −1129
Slope = −0.0427
12
18
00
06
12
Time (Hours)
2023−10−16 to 2023−10−17

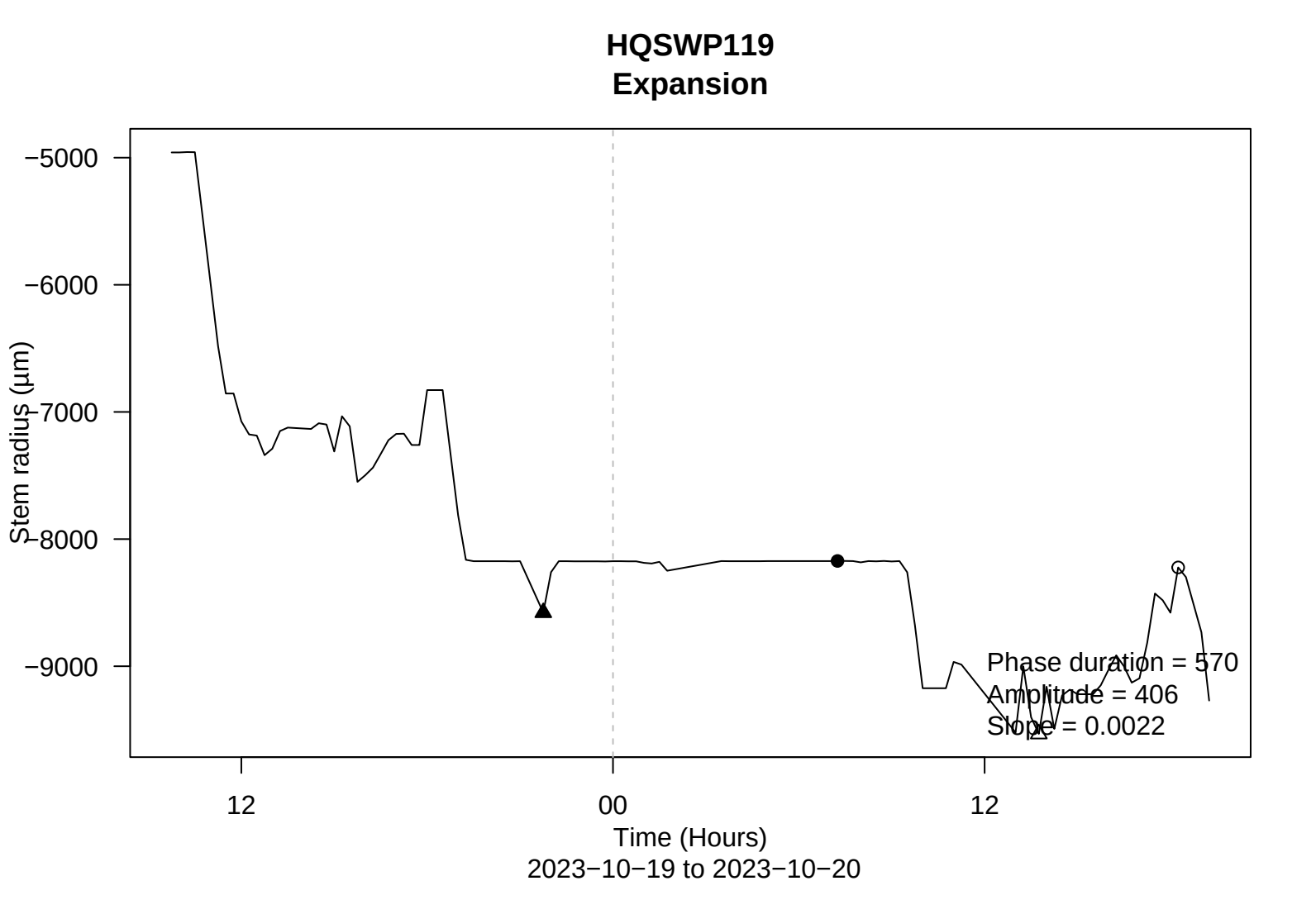

HQSWP119
Shrinkage
−2500
−3000
−3500
Stem radius (µm)
Phase duration = 615
Amplitude = −1582
Slope = −0.0149
00
12
00
Time (Hours)
2023−10−17 to 2023−10−17

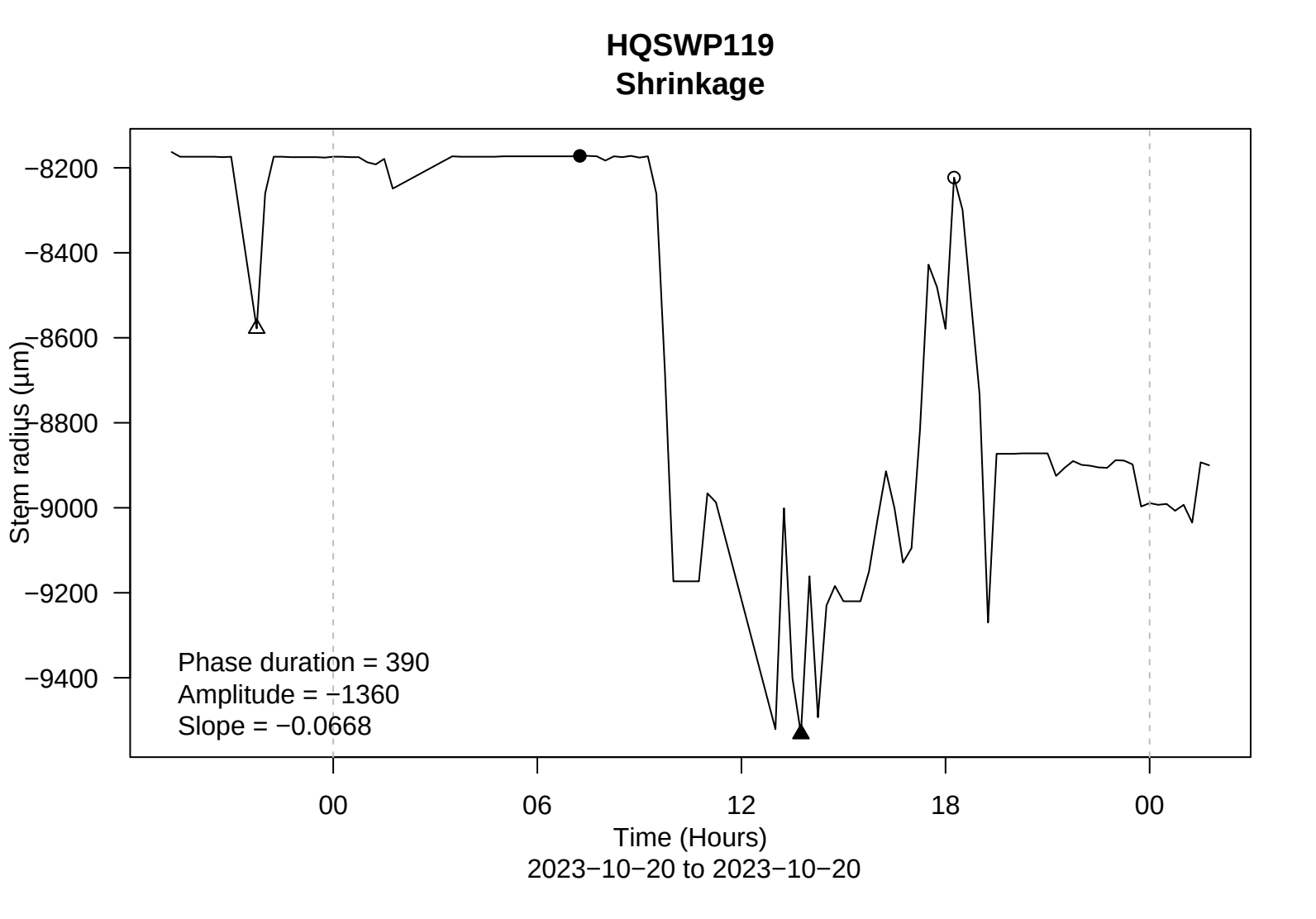

HQSWP119
Expansion
−2500
−3000
−3500
−4000
−4500
−5000
Stem radius (µm)
12
00
12
Time (Hours)
2023−10−17 to 2023−10−18
Phase duration = 705
Amplitude = 1465
Slope = 0.0055

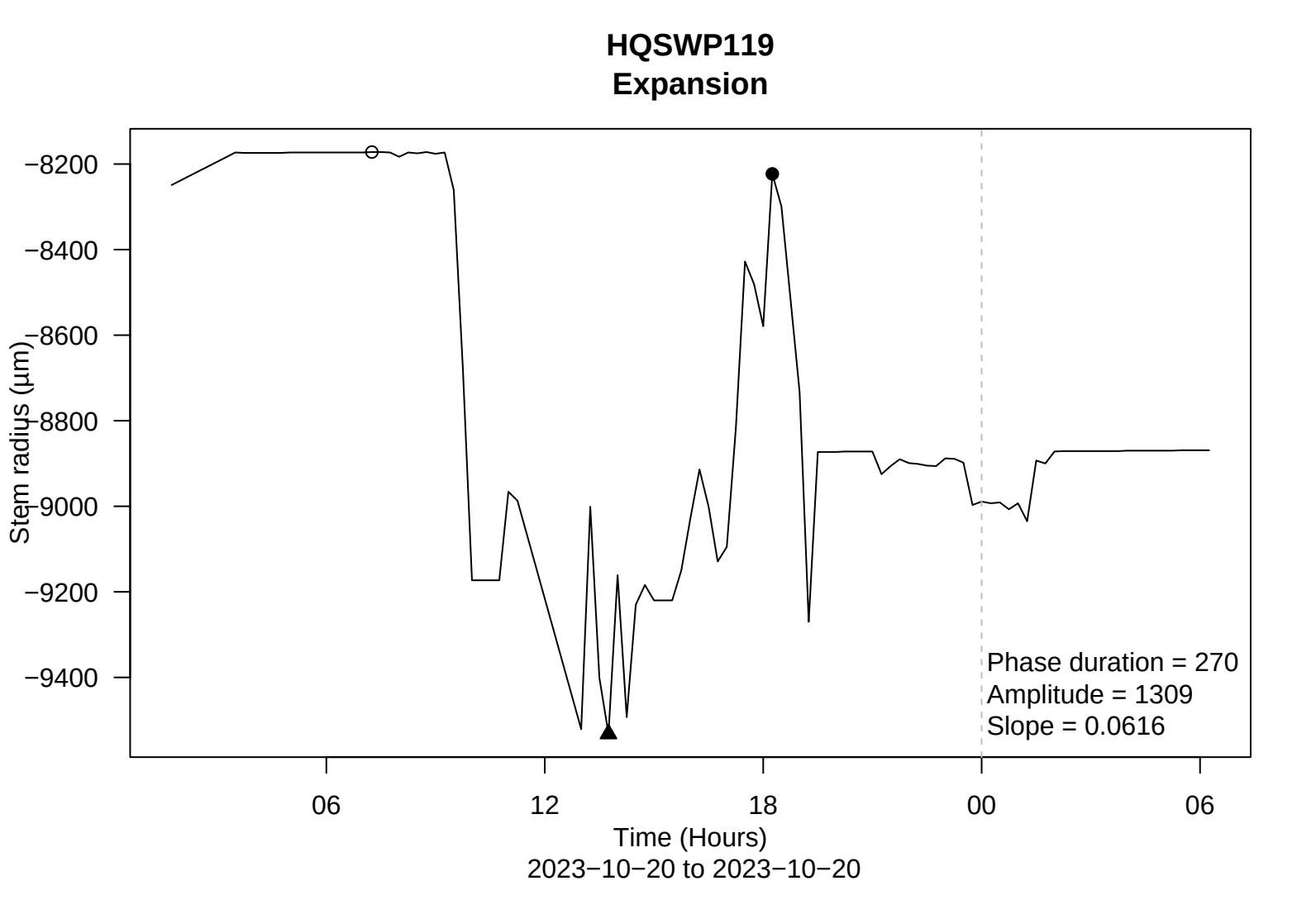

HQSWP119
Shrinkage
−2500
−3000
−3500
−4000
−4500
−5000
Stem radius (µm)
Phase duration = 330
Amplitude = −2540
Slope = −0.1211
18
00
06
12
18
Time (Hours)
2023−10−18 to 2023−10−18

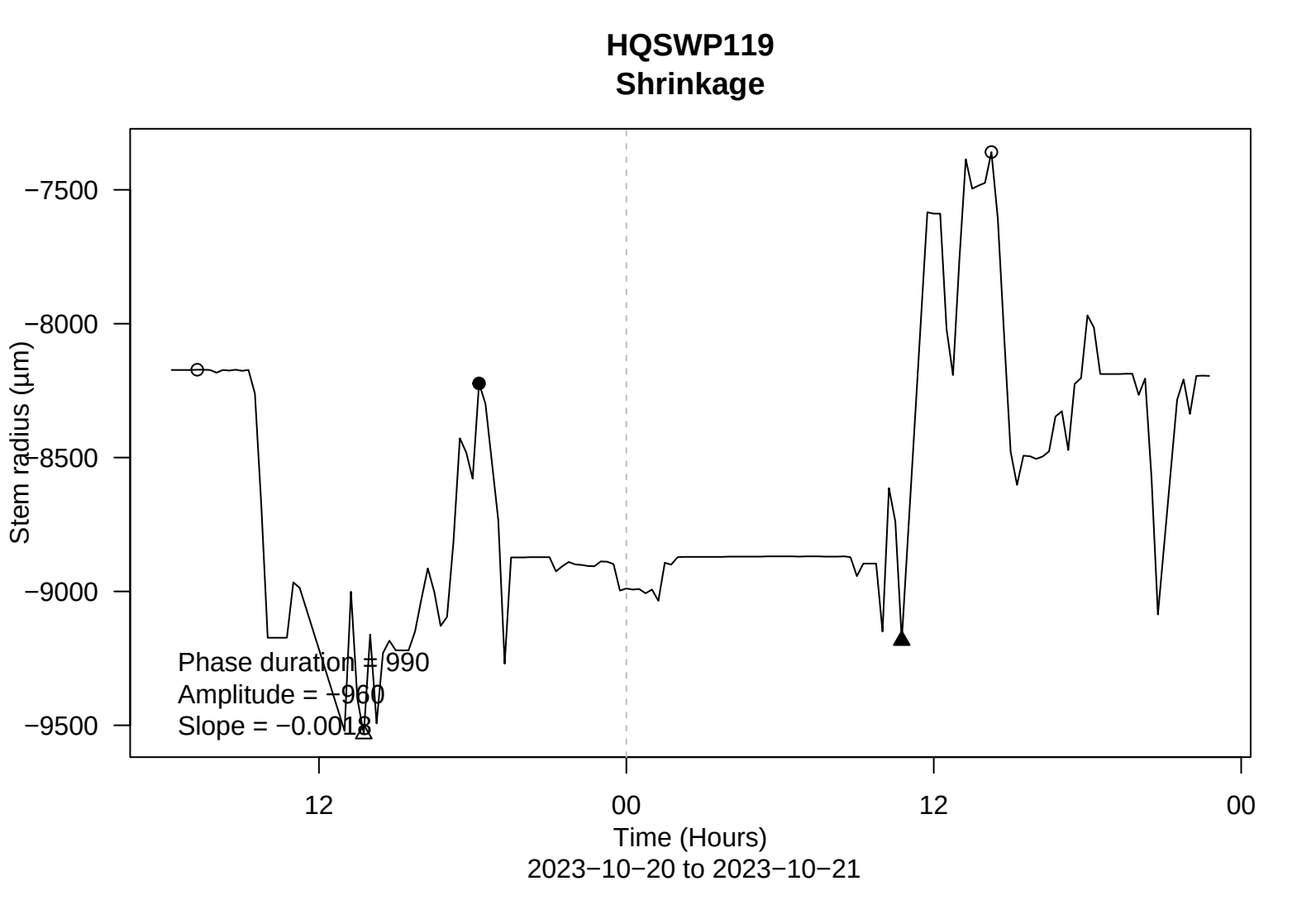

HQSWP119
Expansion
−2500
−3000
−3500
−4000
−4500
−5000
−5500
Stem radius (µm)
Phase duration = 510
Amplitude = 1884
Slope = 0.0446
00
12
00
Time (Hours)
2023−10−18 to 2023−10−18

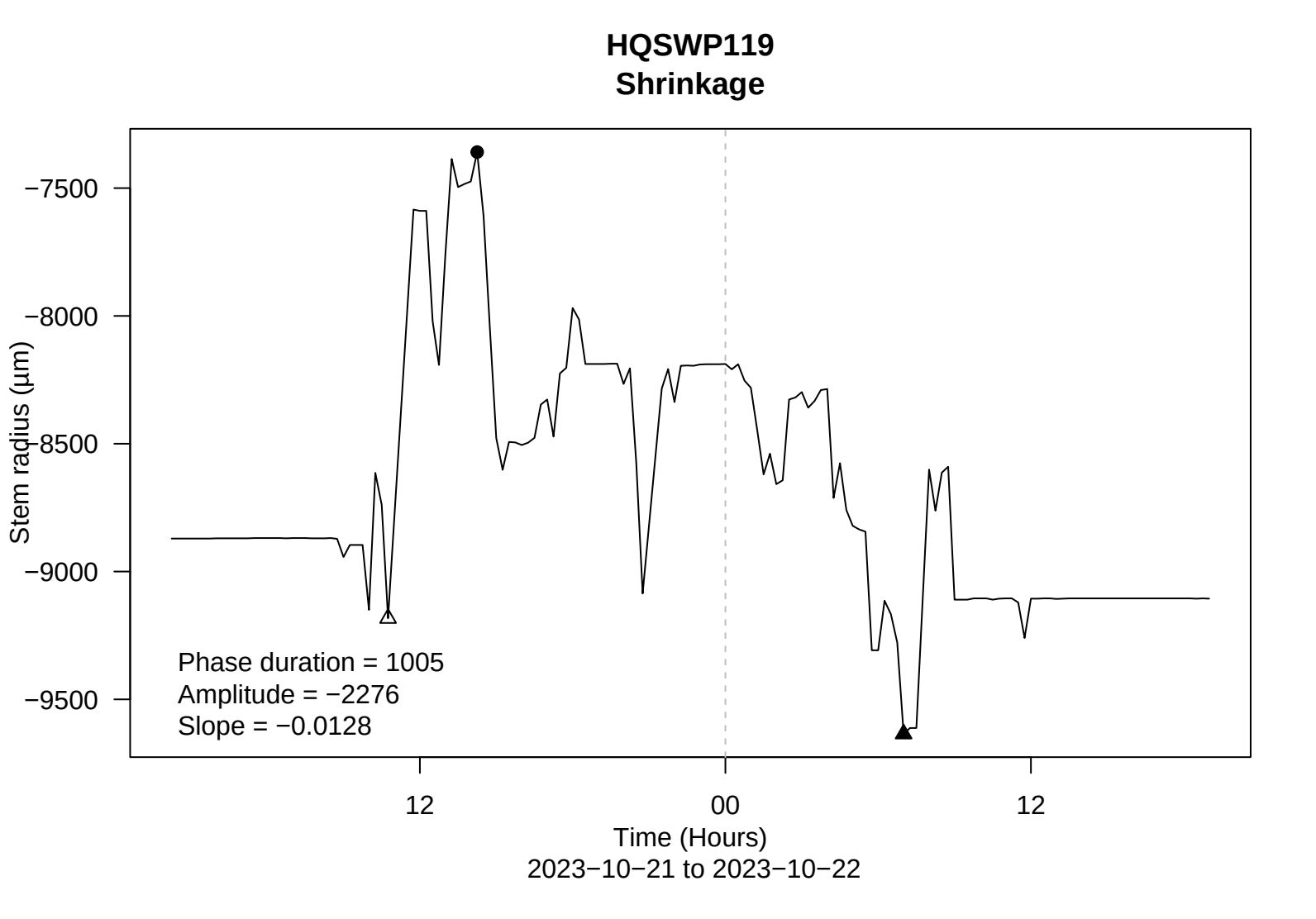

HQSWP119
Shrinkage
−3000
−4000
−5000
−6000
−7000
−8000
Stem radius (µm)
Phase duration = 1605
Amplitude = −5488
Slope = −0.0589
12
00
12
00
Time (Hours)
2023−10−18 to 2023−10−19

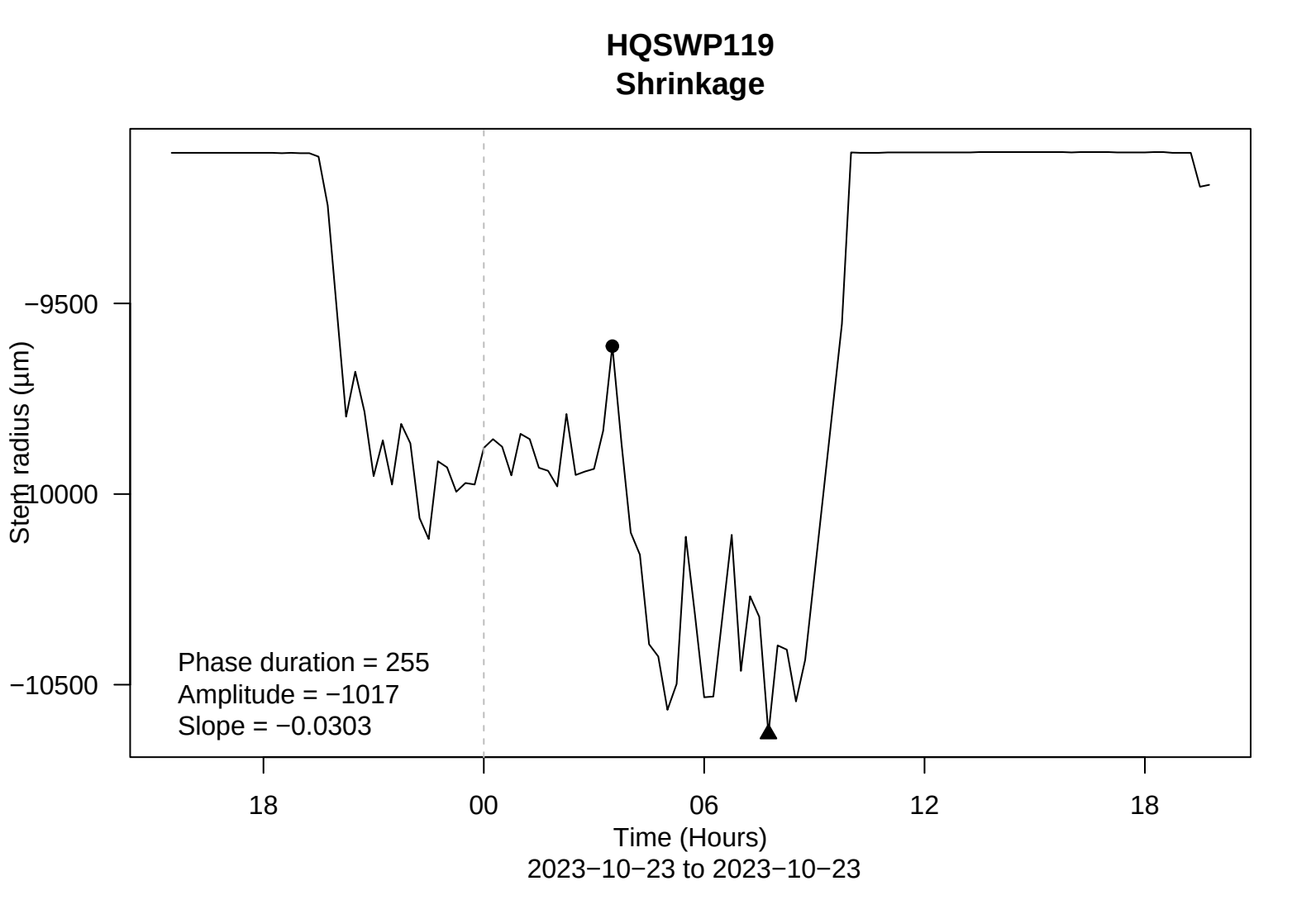

HQSWP119
Expansion
−5000
−6000
−7000
−8000
−9000
Stem radius (µm)
Phase duration = 570
Amplitude = 406
Slope = 0.0022
12
00
12
Time (Hours)
2023−10−19 to 2023−10−20

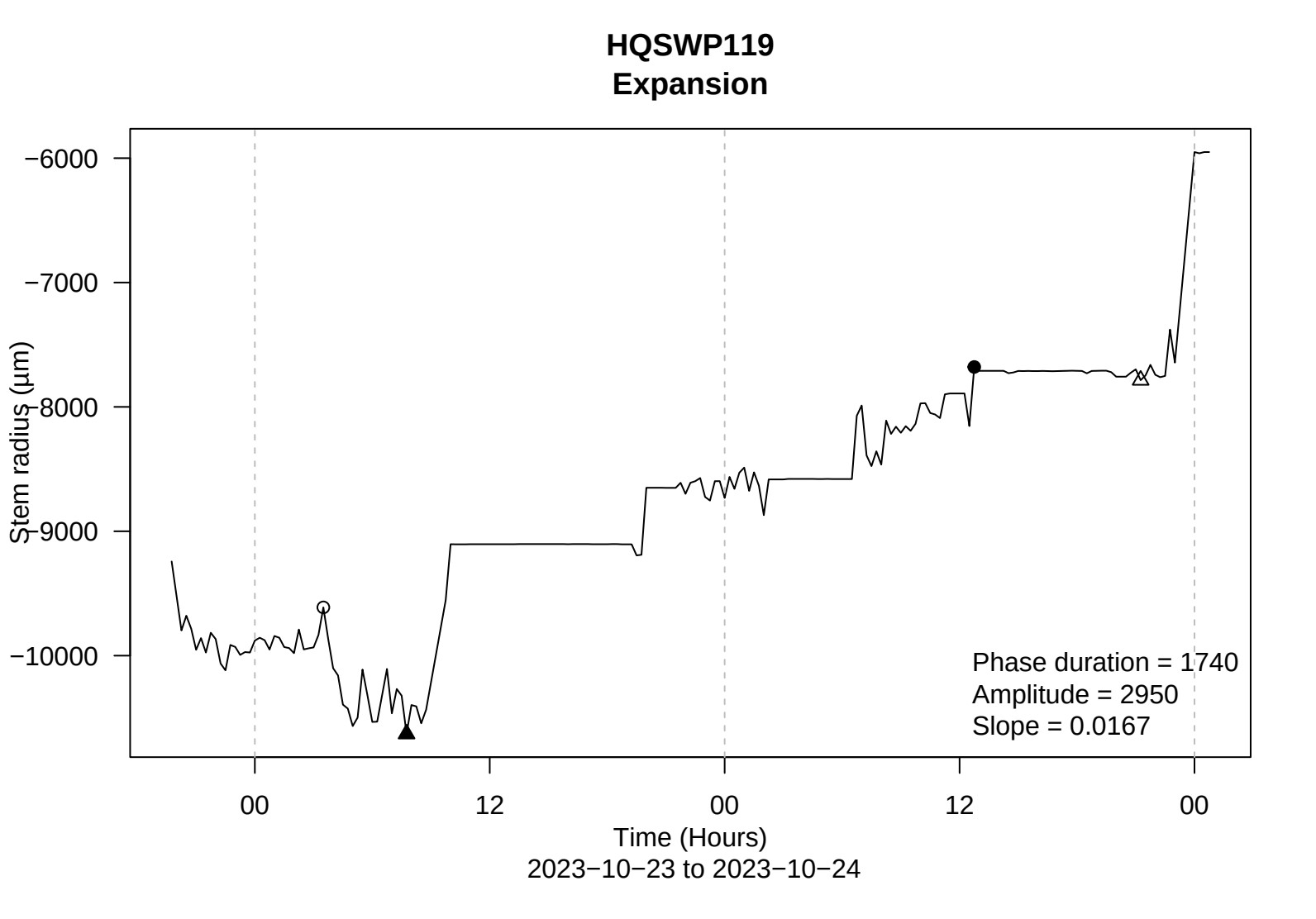

HQSWP119
Shrinkage
−8200
−8400
−8600
−8800
−9000
−9200
−9400
Stem radius (µm)
Phase duration = 390
Amplitude = −1360
Slope = −0.0668
00
06
12
18
00
Time (Hours)
2023−10−20 to 2023−10−20

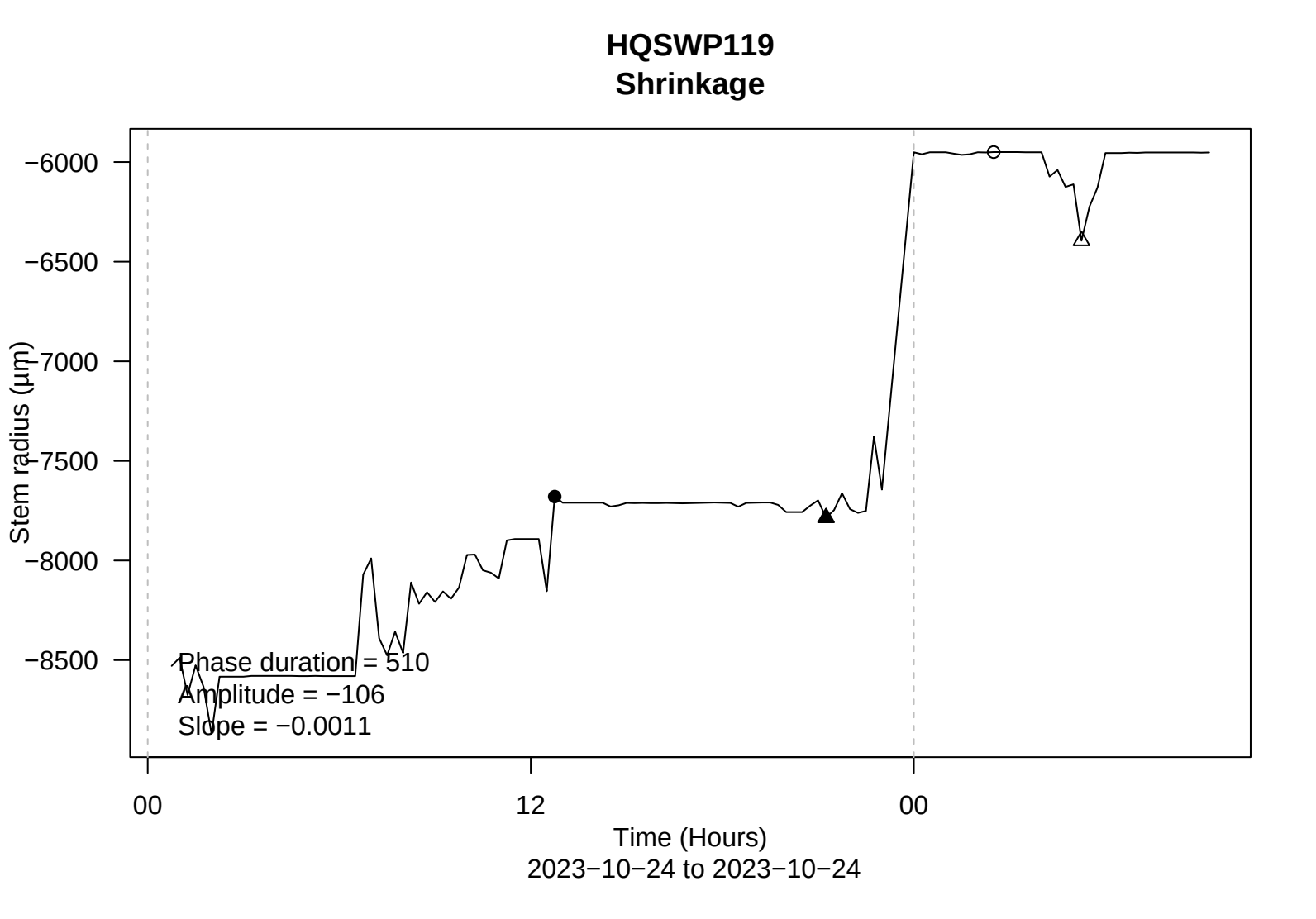

HQSWP119
Expansion
−8200
−8400
−8600
−8800
−9000
−9200
−9400
Stem radius (µm)
Phase duration = 270
Amplitude = 1309
Slope = 0.0616
06
12
18
00
06
Time (Hours)
2023−10−20 to 2023−10−20

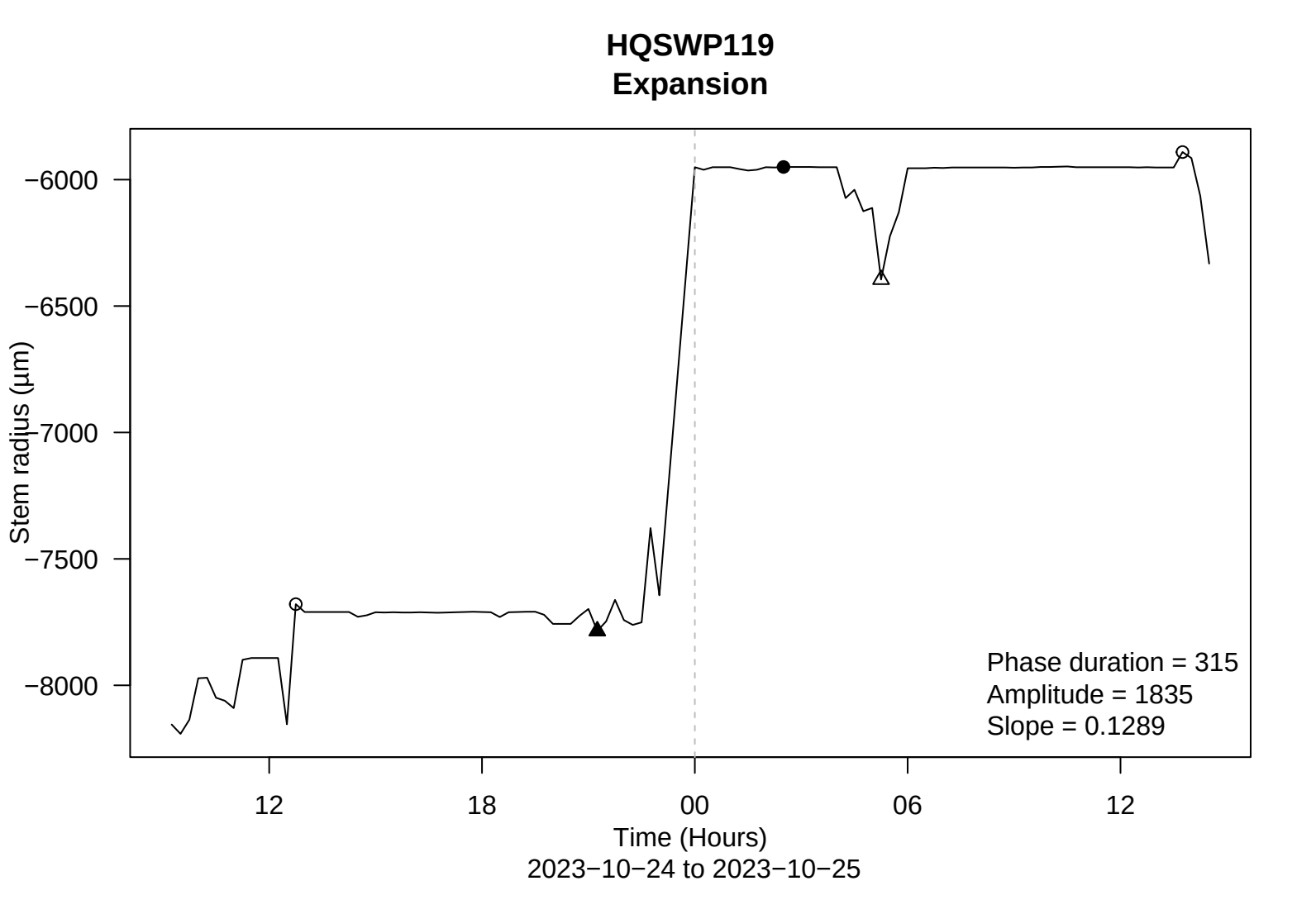

HQSWP119
Shrinkage
−7500
−8000
−8500
−9000
−9500
Stem radius (µm)
Phase duration = 990
Amplitude = −960
Slope = −0.0018
12
00
12
00
Time (Hours)
2023−10−20 to 2023−10−21

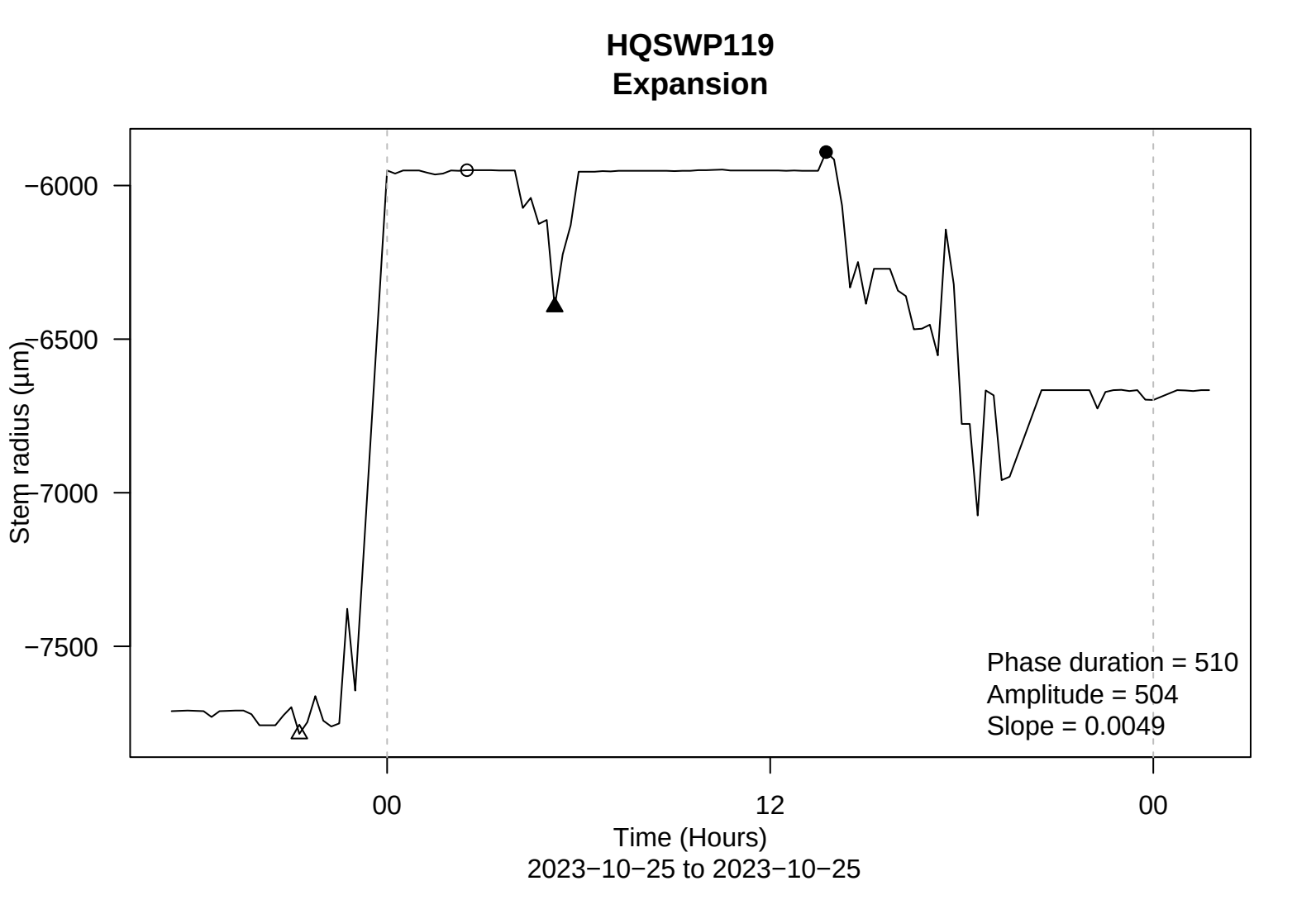

HQSWP119
Shrinkage
−7500
−8000
−8500
−9000
−9500
Stem radius (µm)
Phase duration = 1005
Amplitude = −2276
Slope = −0.0128
12
00
12
Time (Hours)
2023−10−21 to 2023−10−22

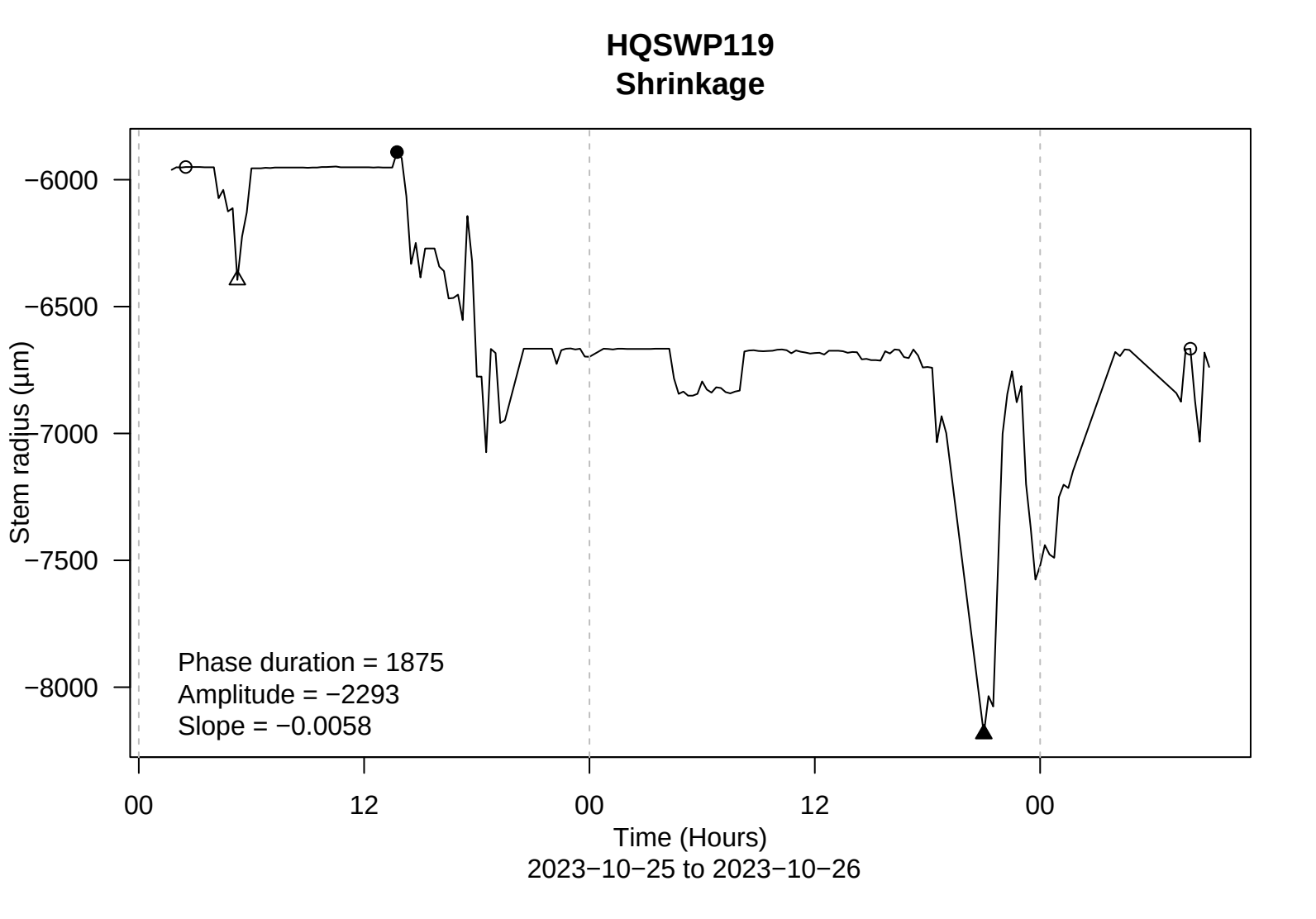

HQSWP119
Shrinkage
Stem radius (µm)
−9500
−10000
−10500
Phase duration = 255
Amplitude = −1017
Slope = −0.0303
18
00
06
12
18
Time (Hours)
2023−10−23 to 2023−10−23

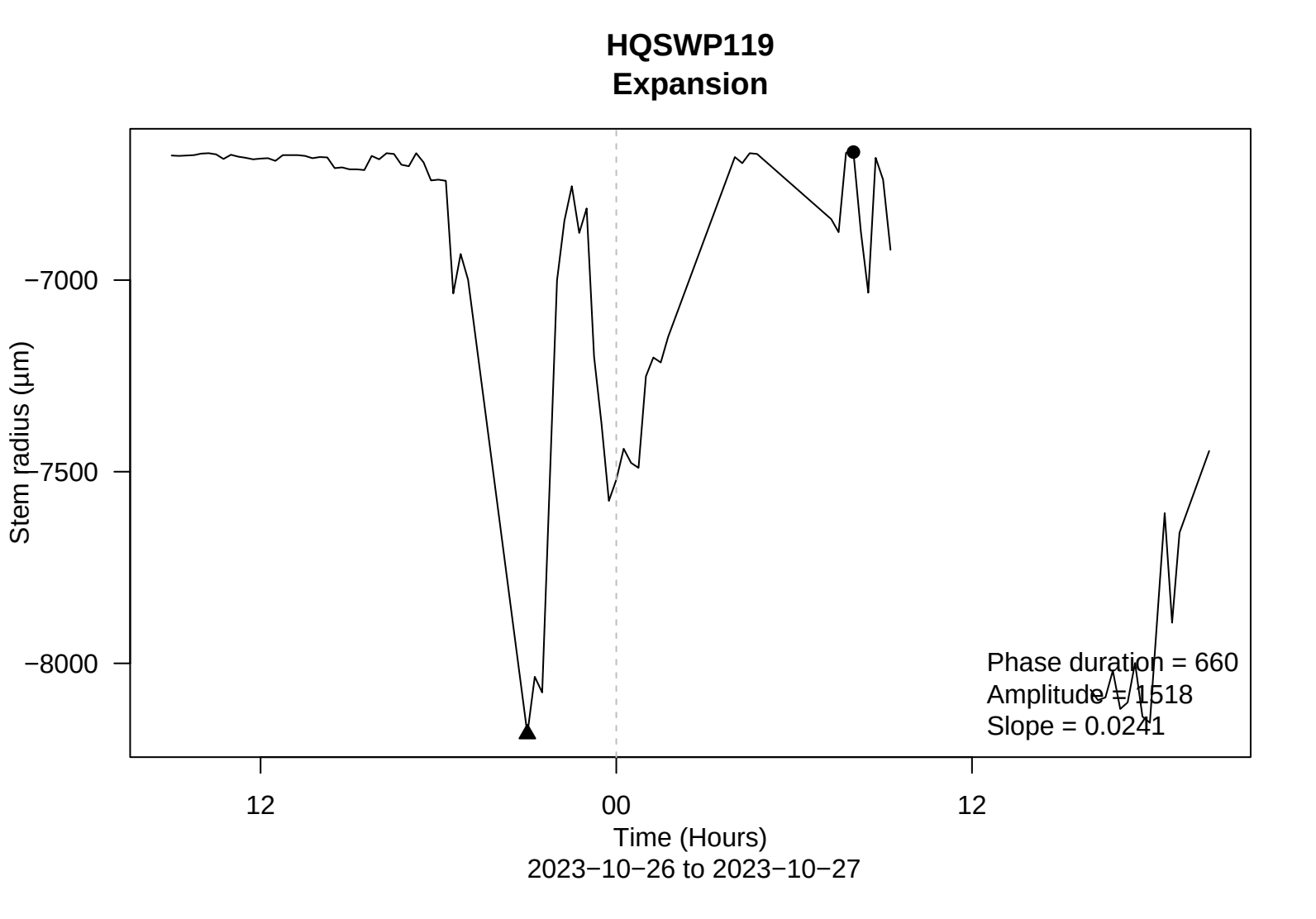

HQSWP119
Expansion
−6000
−7000
−8000
−9000
−10000
Stem radius (µm)
Phase duration = 1740
Amplitude = 2950
Slope = 0.0167
00
12
00
12
00
Time (Hours)
2023−10−23 to 2023−10−24

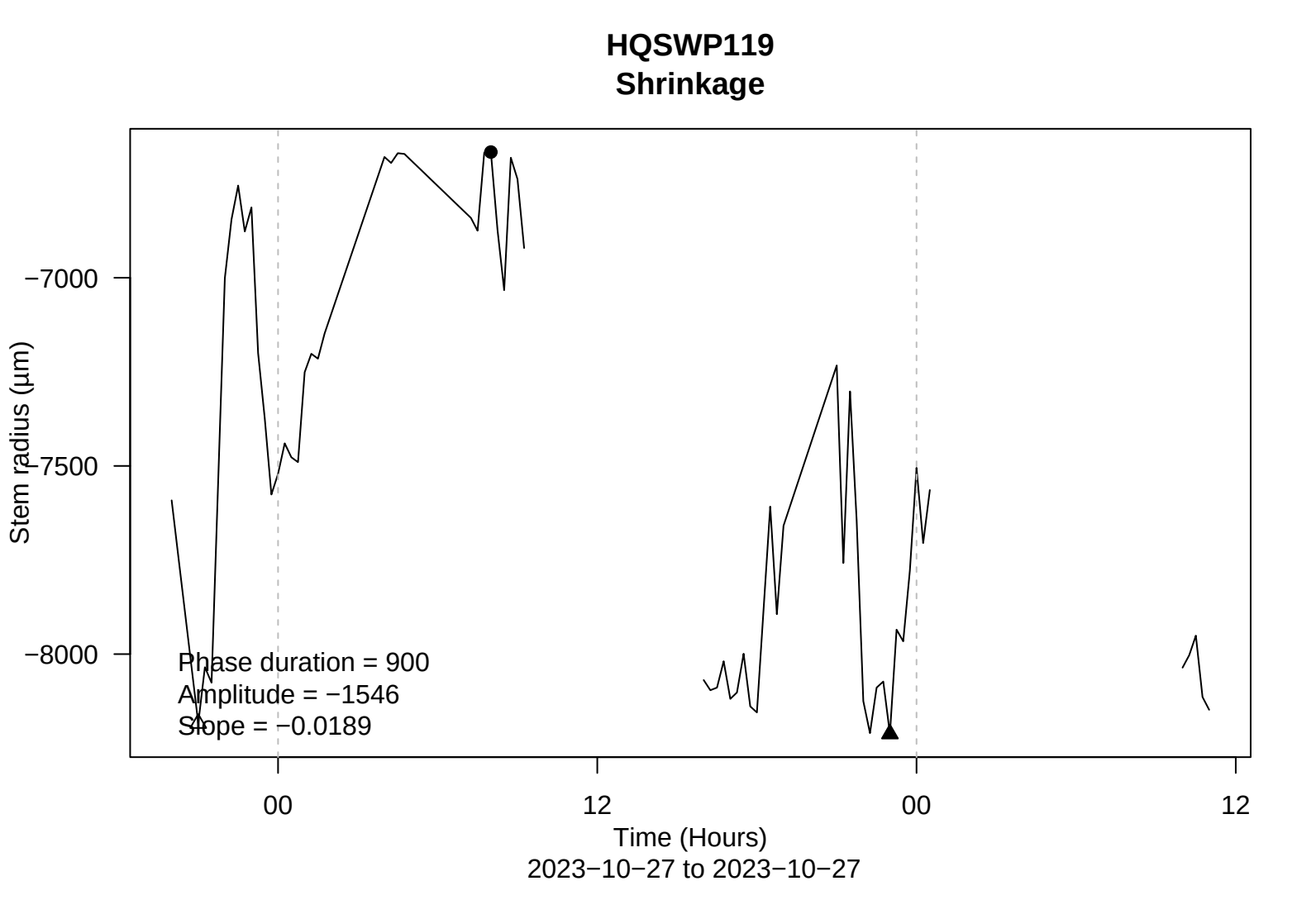

HQSWP119
Shrinkage
−6000
−6500
−7000
−7500
−8000
−8500
Stem radius (µm)
Phase duration = 510
Amplitude = −106
Slope = −0.0011
00
12
00
Time (Hours)
2023−10−24 to 2023−10−24

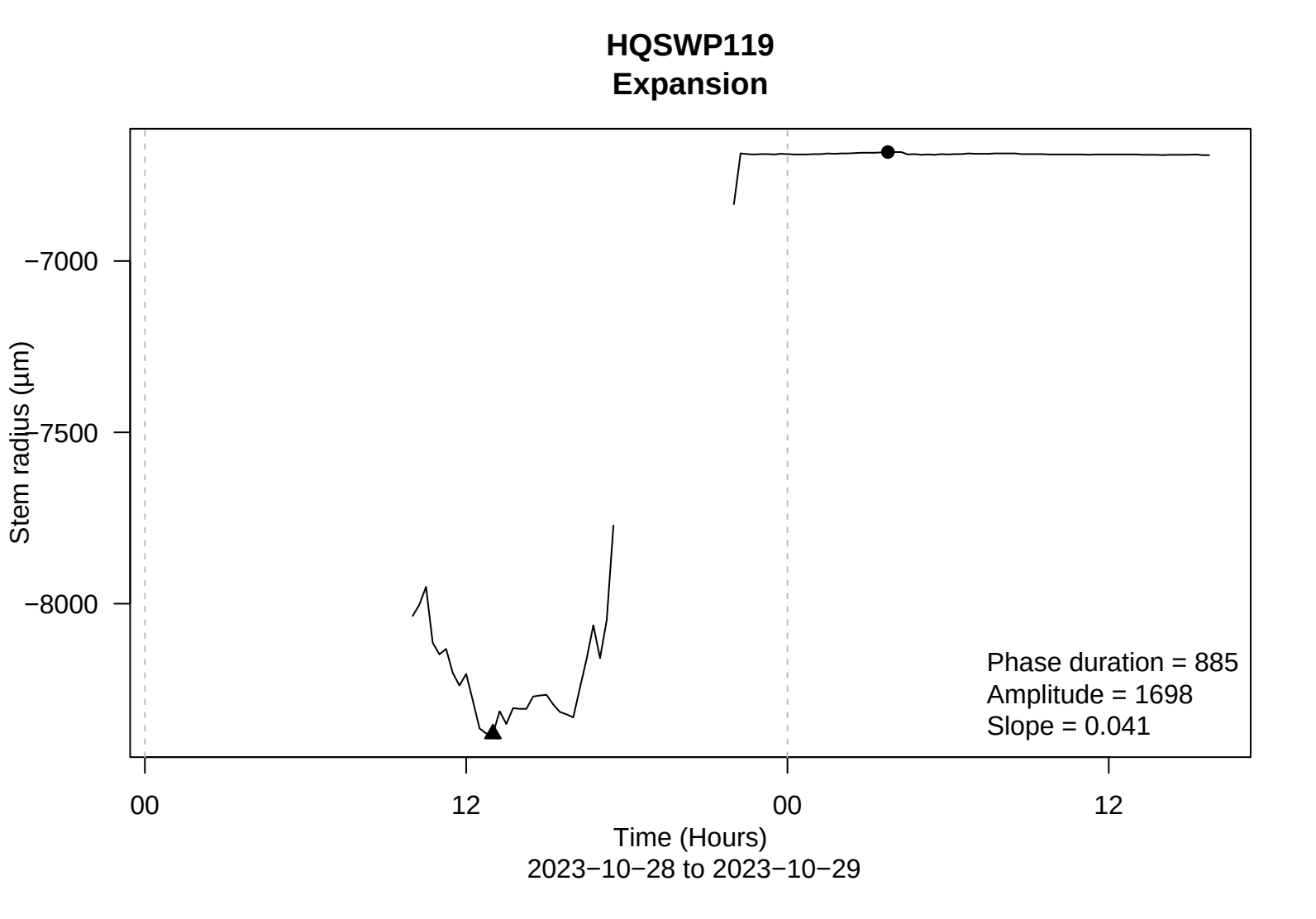

HQSWP119
Expansion
−6000
−6500
−7000
−7500
−8000
Stem radius (µm)
12
18
00
06
12
Time (Hours)
2023−10−24 to 2023−10−25
Phase duration = 315
Amplitude = 1835
Slope = 0.1289

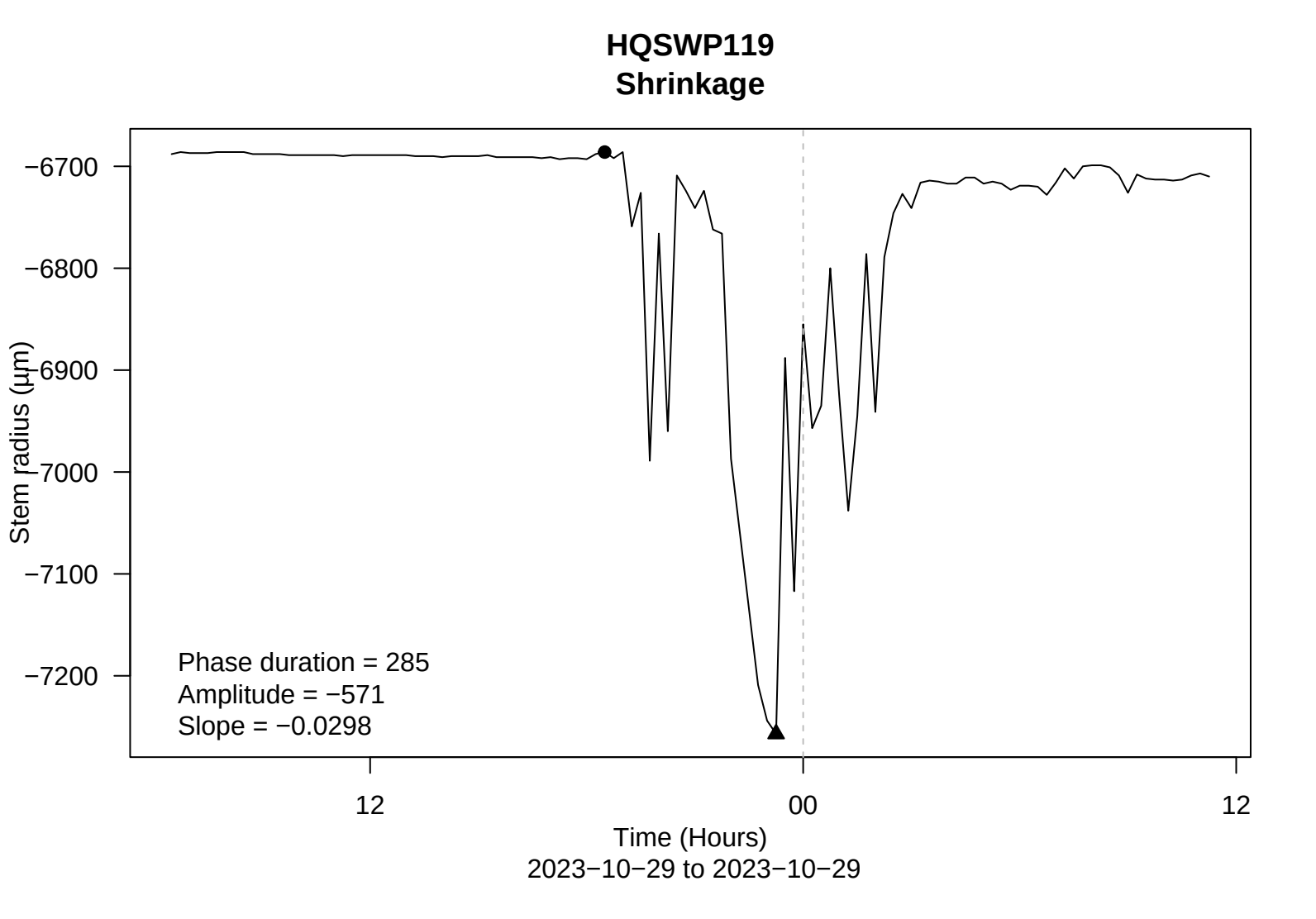

HQSWP119
Expansion
−6000
−6500
−7000
−7500
Stem radius (µm)
Phase duration = 510
Amplitude = 504
Slope = 0.0049
00
12
00
Time (Hours)
2023−10−25 to 2023−10−25

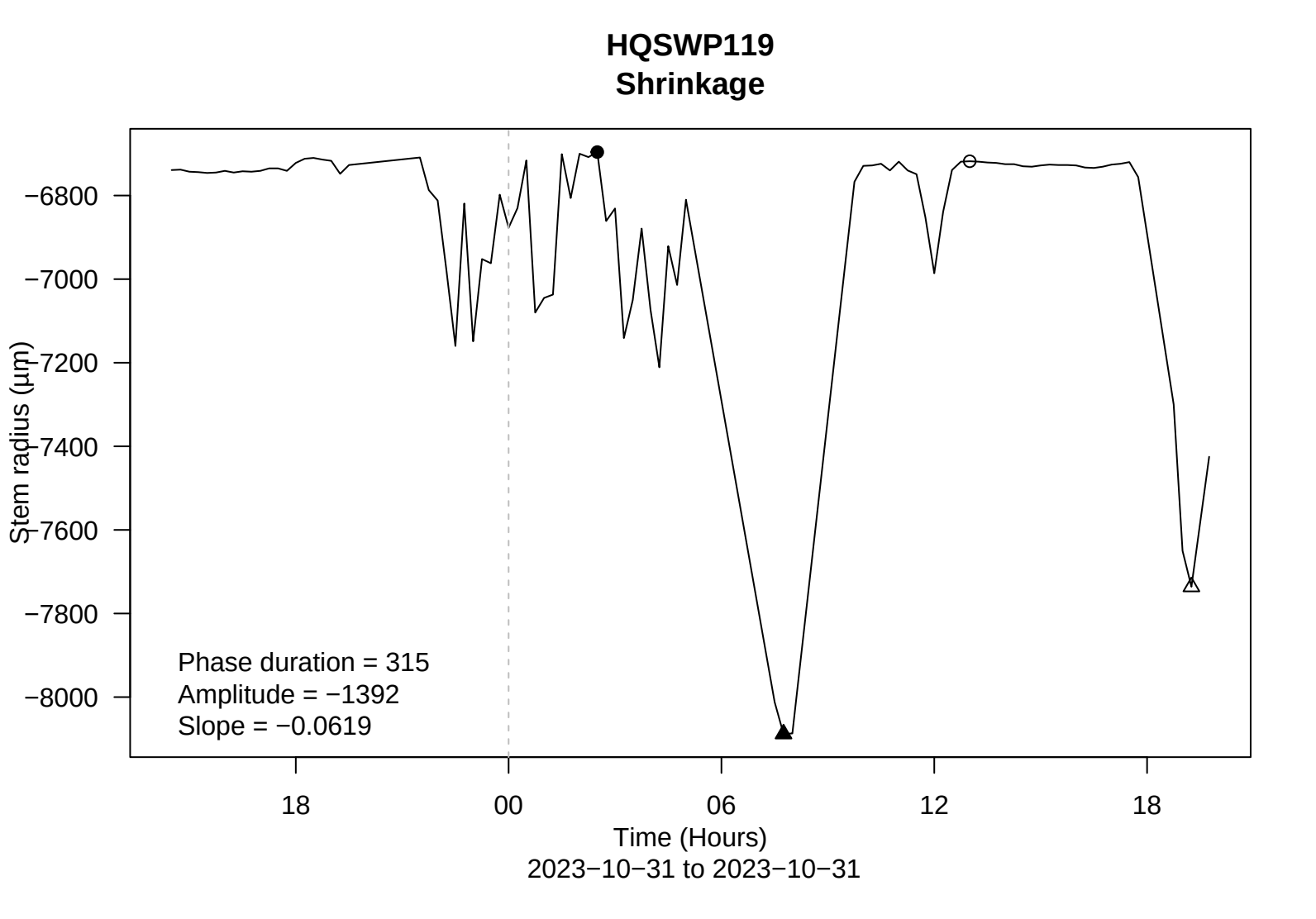

HQSWP119
Shrinkage
−6000
−6500
−7000
−7500
−8000
Stem radius (µm)
Phase duration = 1875
Amplitude = −2293
Slope = −0.0058
00
12
00
12
00
Time (Hours)
2023−10−25 to 2023−10−26

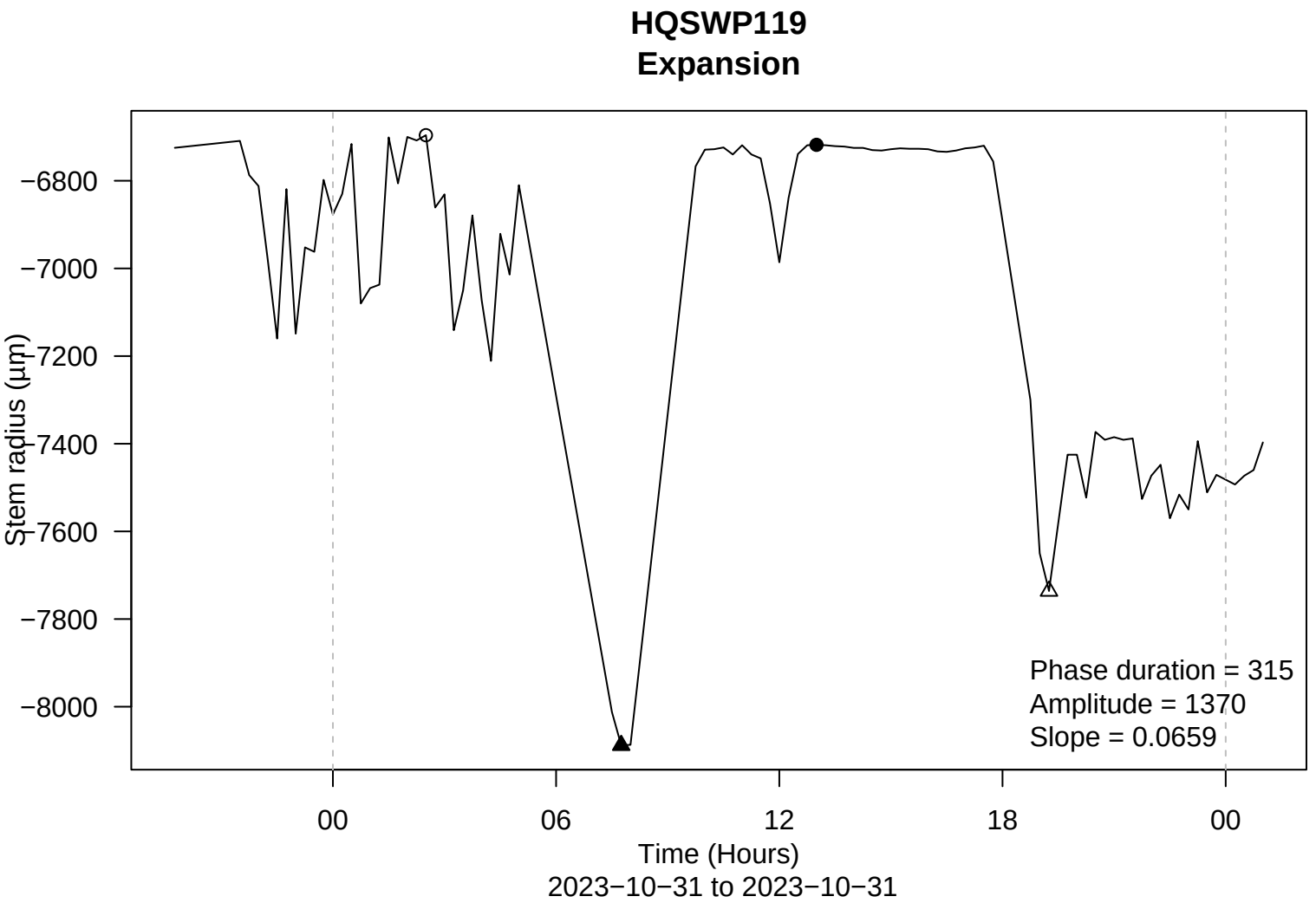

HQSWP119
Expansion
−7000
−7500
−8000
Stem radius (µm)
Phase duration = 660
Amplitude = 1518
Slope = 0.0241
12
00
12
Time (Hours)
2023−10−26 to 2023−10−27

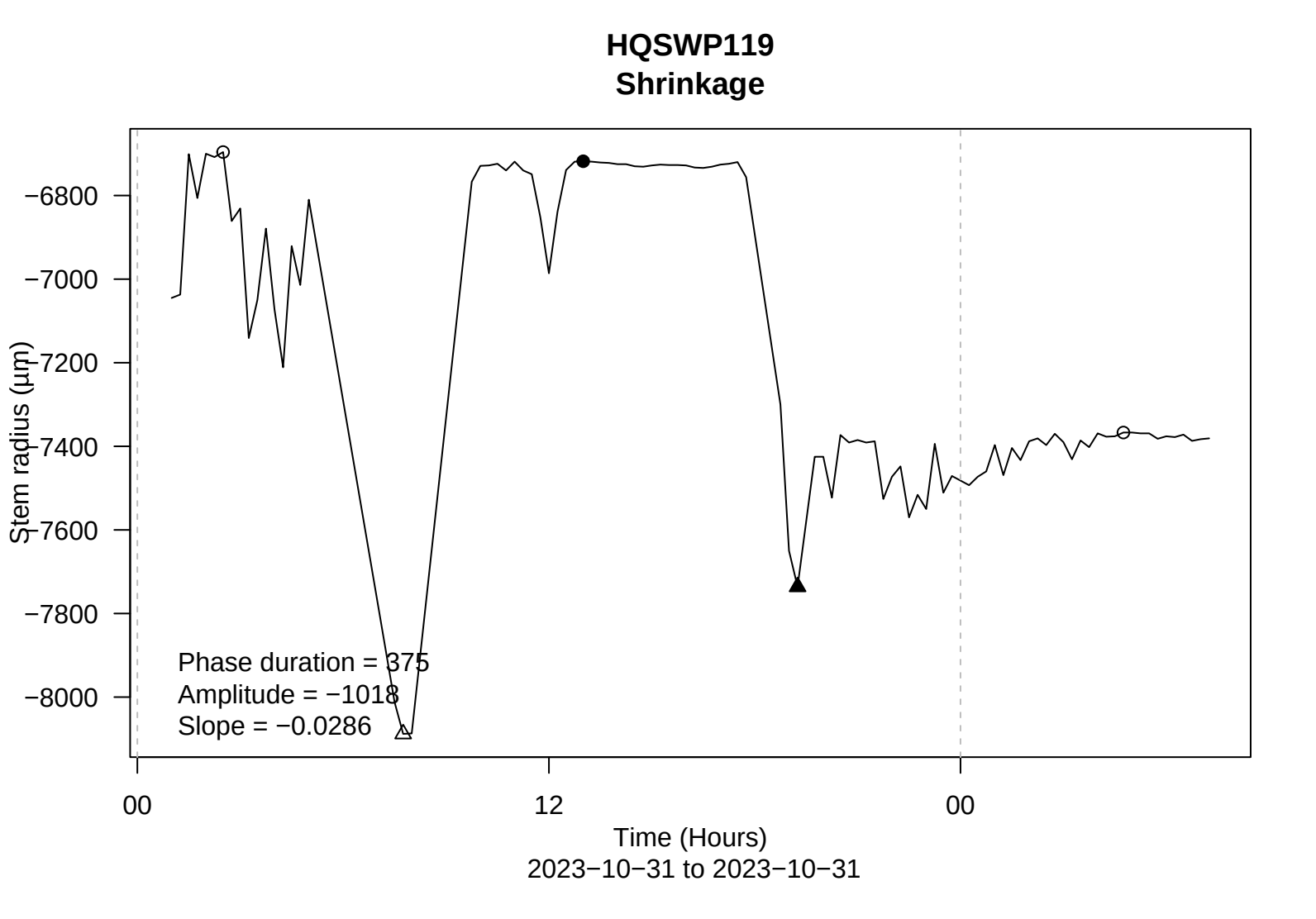

HQSWP119
Shrinkage
−7000
−7500
−8000
Stem radius (µm)
Phase duration = 900
Amplitude = −1546
Slope = −0.0189
00
12
00
12
Time (Hours)
2023−10−27 to 2023−10−27

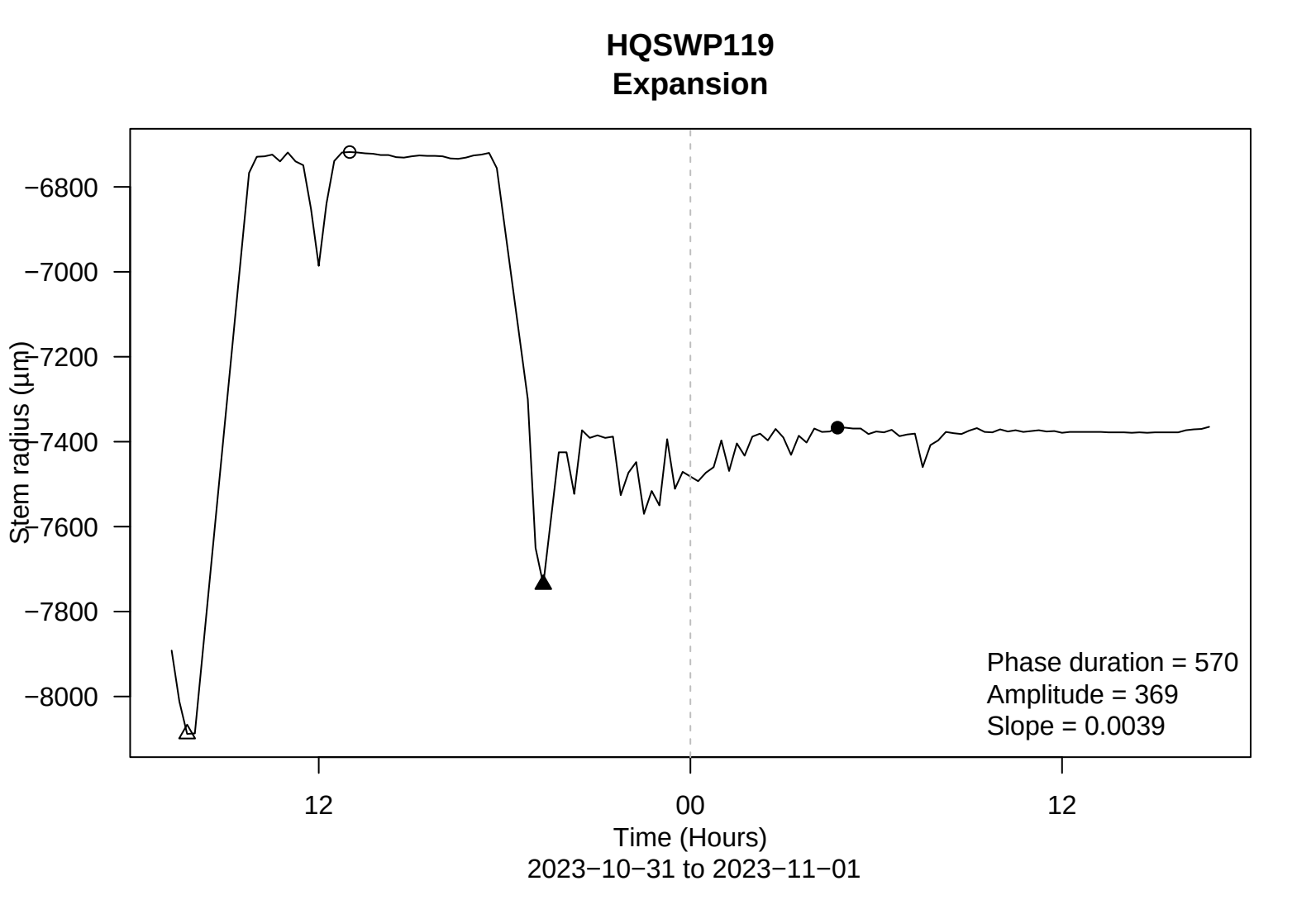

HQSWP119
Expansion
−7000
−7500
−8000
Stem radius (µm)
Phase duration = 885
Amplitude = 1698
Slope = 0.041
00
12
00
12
Time (Hours)
2023−10−28 to 2023−10−29

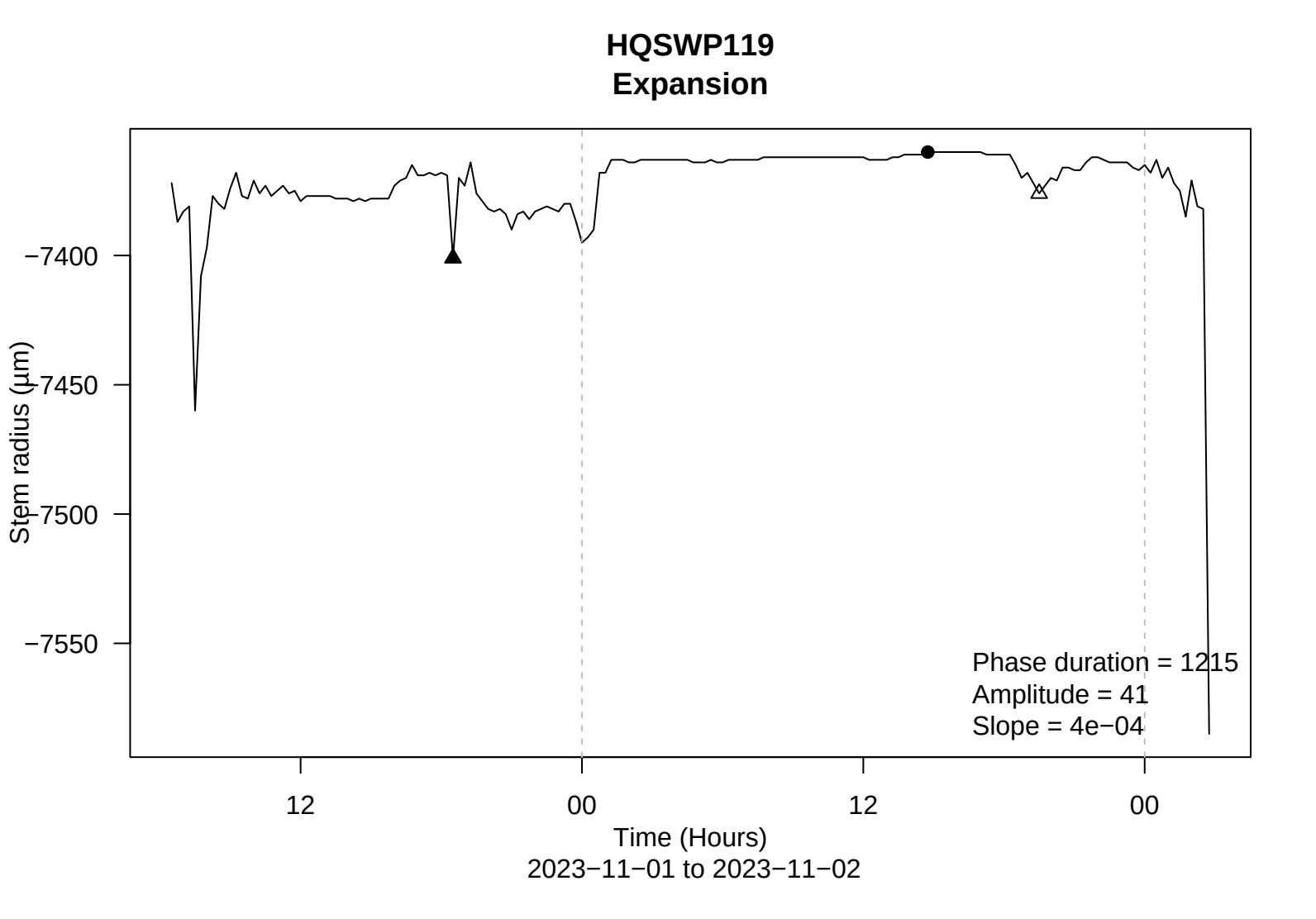

HQSWP119
Shrinkage
−6700
−6800
−6900
−7000
−7100
−7200
Stem radius (µm)
Phase duration = 285
Amplitude = −571
Slope = −0.0298
12
00
12
Time (Hours)
2023−10−29 to 2023−10−29

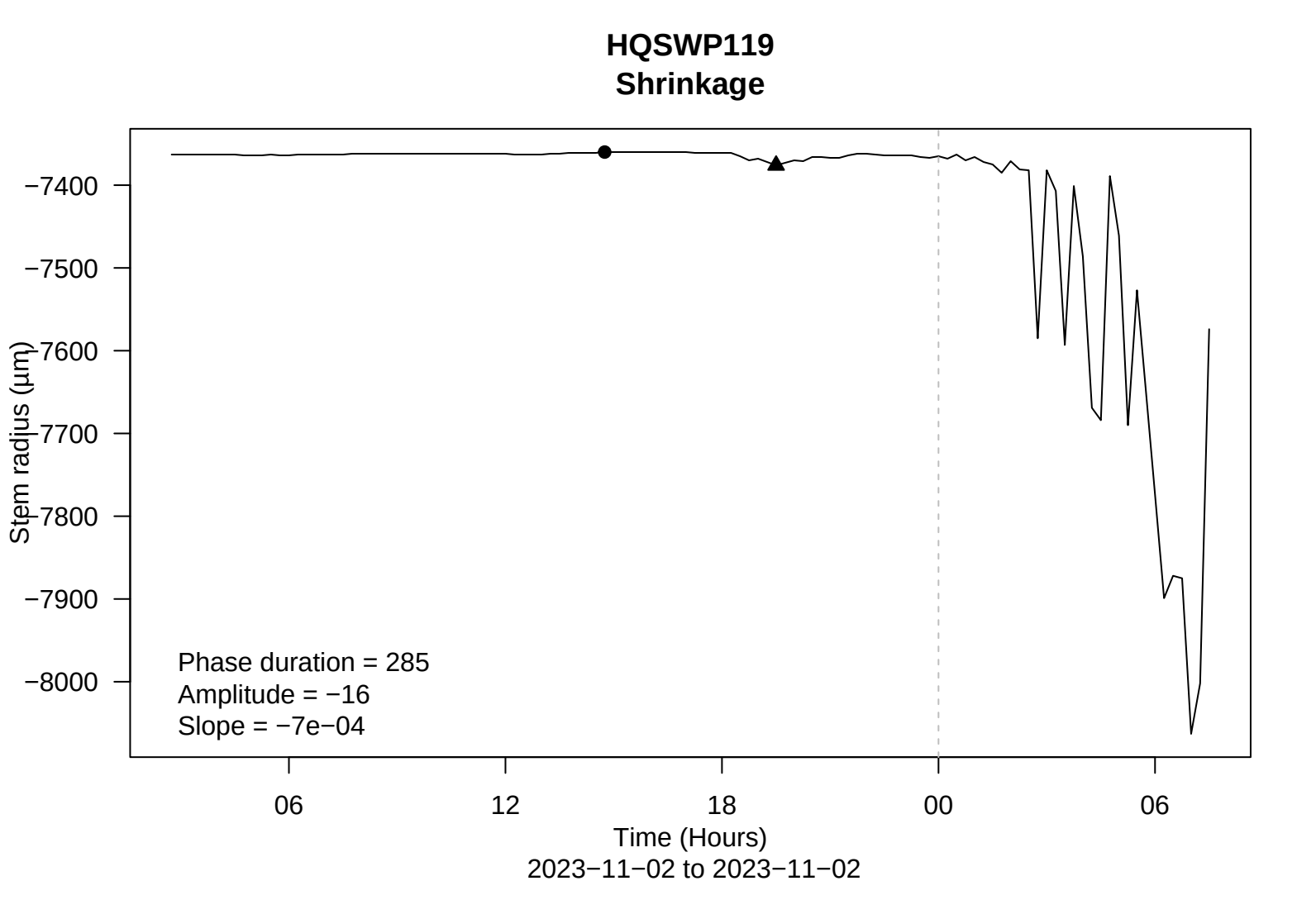

HQSWP119
Shrinkage
−6800
−7000
−7200
−7400
−7600
−7800
−8000
Stem radius (µm)
Phase duration = 315
Amplitude = −1392
Slope = −0.0619
18
00
06
12
18
Time (Hours)
2023−10−31 to 2023−10−31

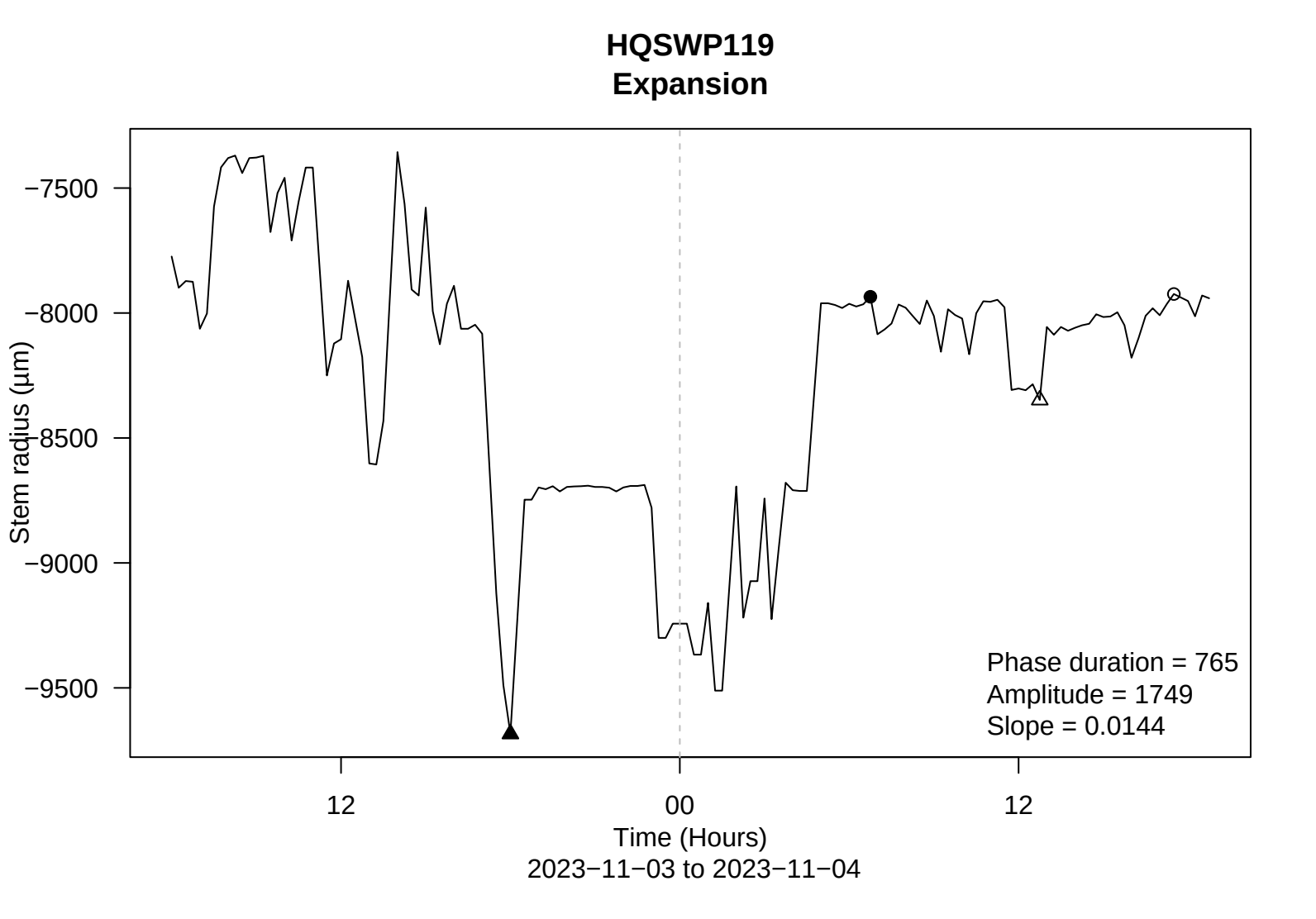

HQSWP119
Expansion
−6800
−7000
−7200
−7400
−7600
−7800
−8000
Stem radius (µm)
Phase duration = 315
Amplitude = 1370
Slope = 0.0659
00
06
12
18
00
Time (Hours)
2023−10−31 to 2023−10−31

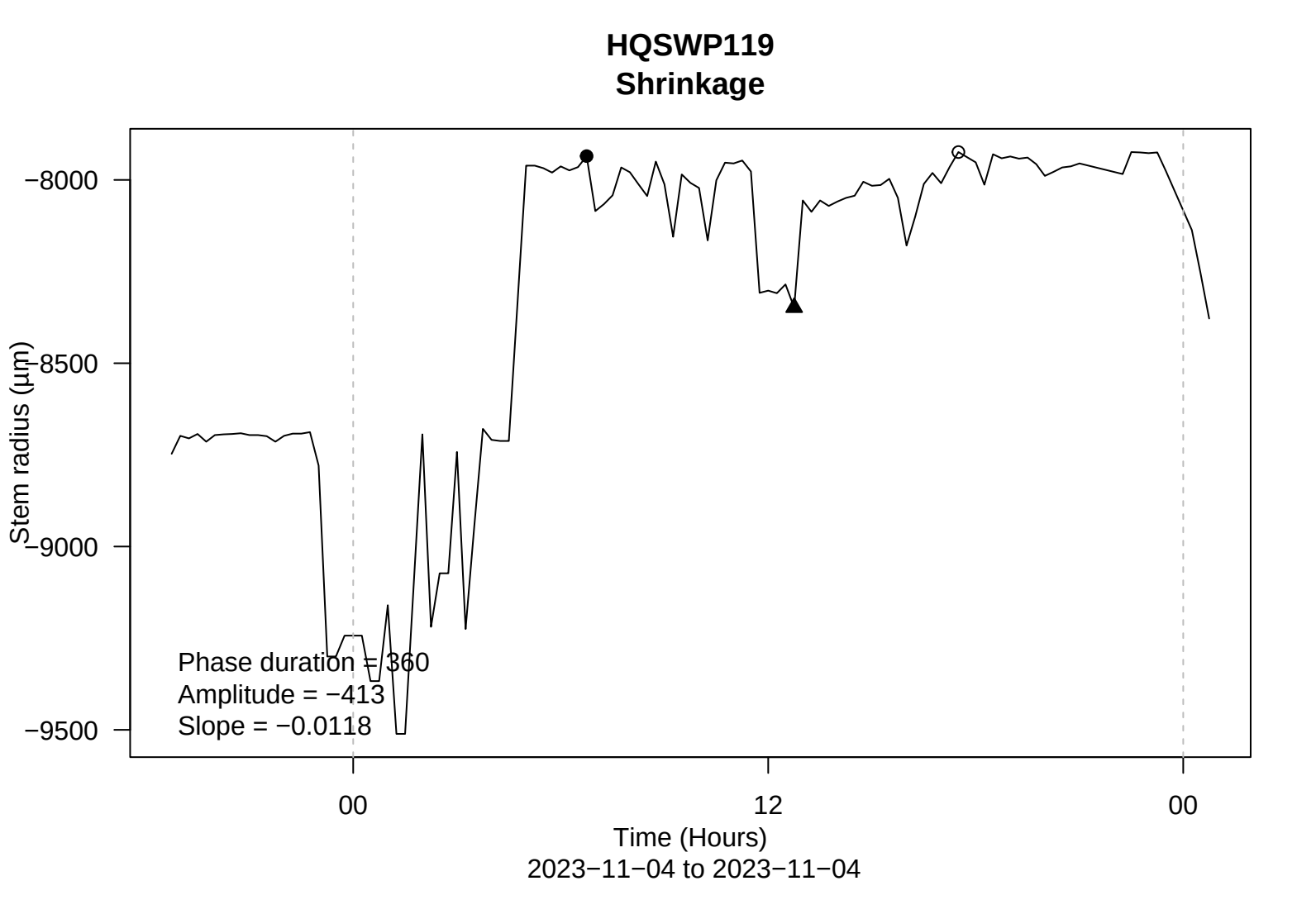

HQSWP119
Shrinkage
−6800
−7000
−7200
−7400
−7600
−7800
−8000
Stem radius (µm)
Phase duration = 375
Amplitude = −1018
Slope = −0.0286
00
12
00
Time (Hours)
2023−10−31 to 2023−10−31

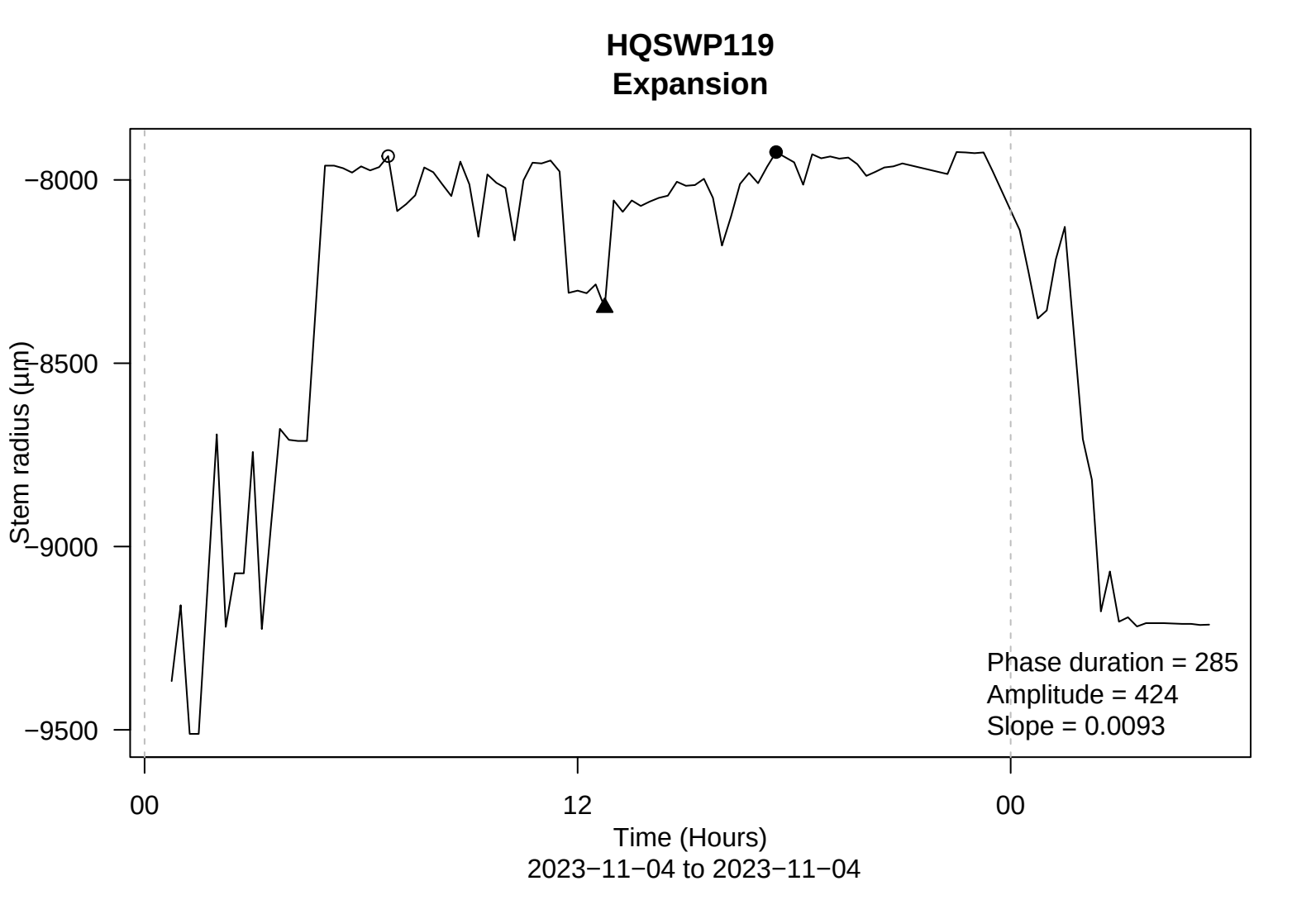

HQSWP119
Expansion
−6800
−7000
−7200
−7400
−7600
−7800
−8000
Stem radius (µm)
12
00
12
Time (Hours)
2023−10−31 to 2023−11−01
Phase duration = 570
Amplitude = 369
Slope = 0.0039

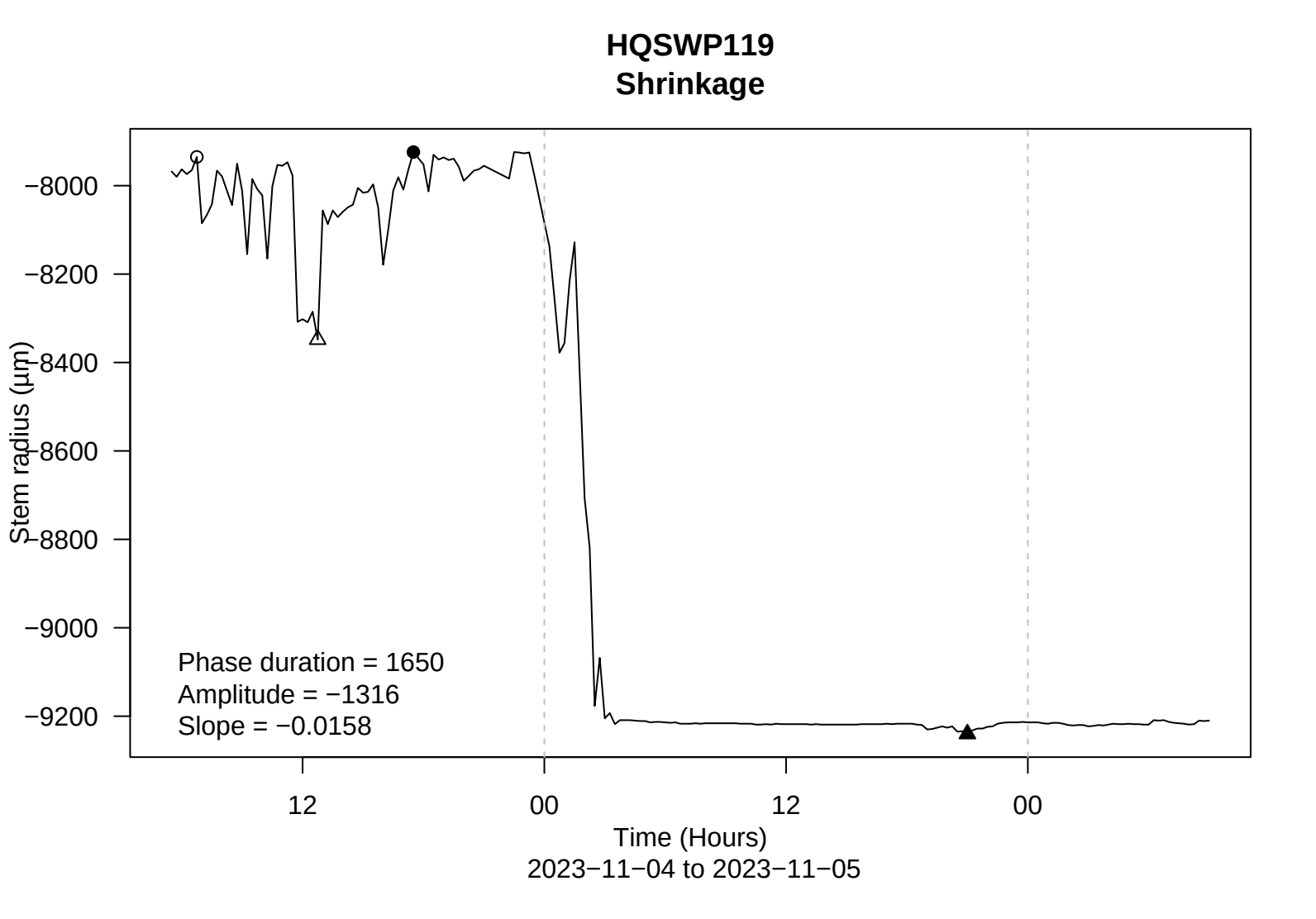

HQSWP119
Expansion
−7400
−7450
−7500
−7550
Stem radius (µm)
Phase duration = 1215
Amplitude = 41
Slope = 4e−04
12
00
12
00
Time (Hours)
2023−11−01 to 2023−11−02

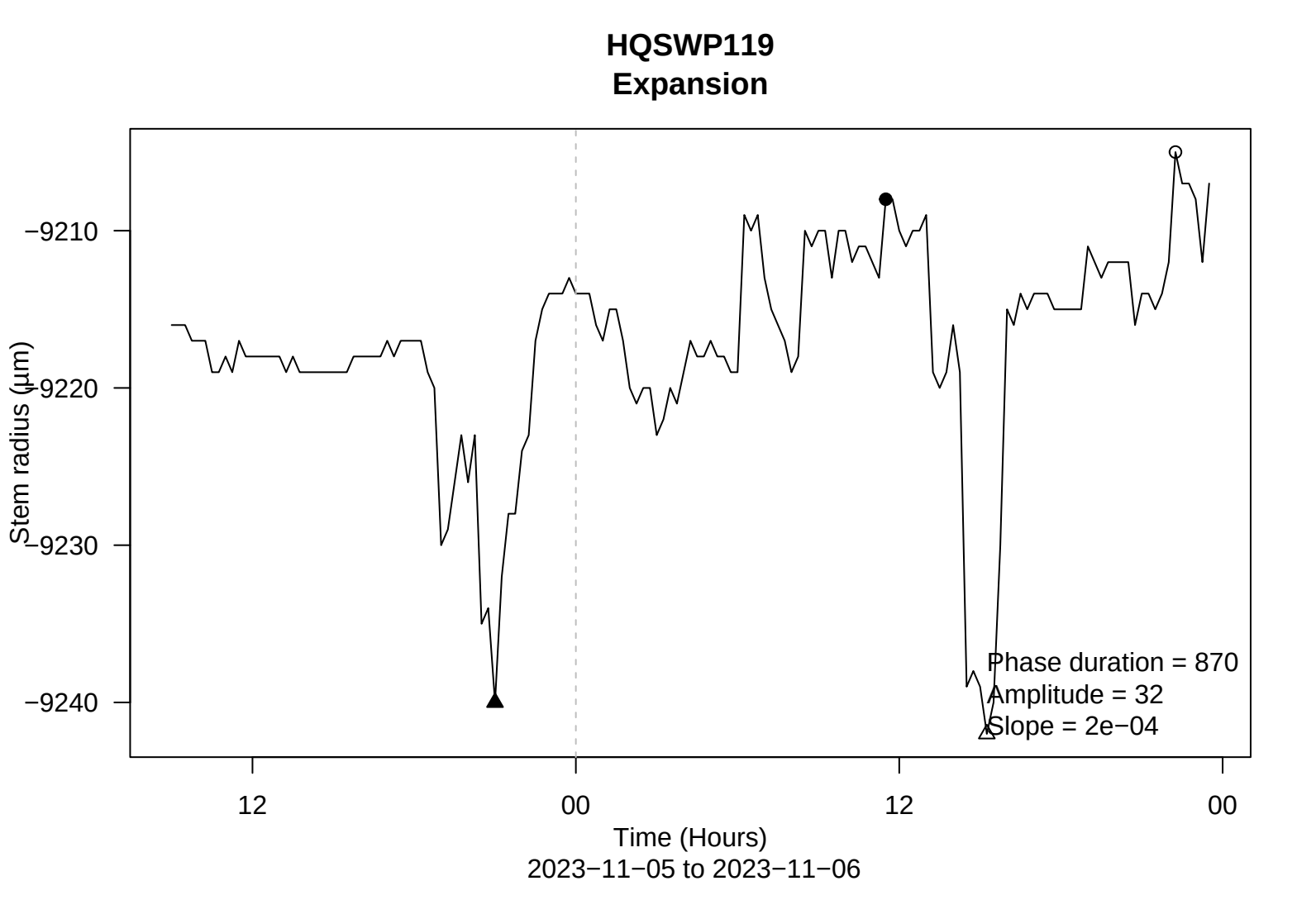

HQSWP119
Shrinkage
−7400
−7500
−7600
−7700
−7800
−7900
−8000
Stem radius (µm)
Phase duration = 285
Amplitude = −16
Slope = −7e−04
06
12
18
00
06
Time (Hours)
2023−11−02 to 2023−11−02

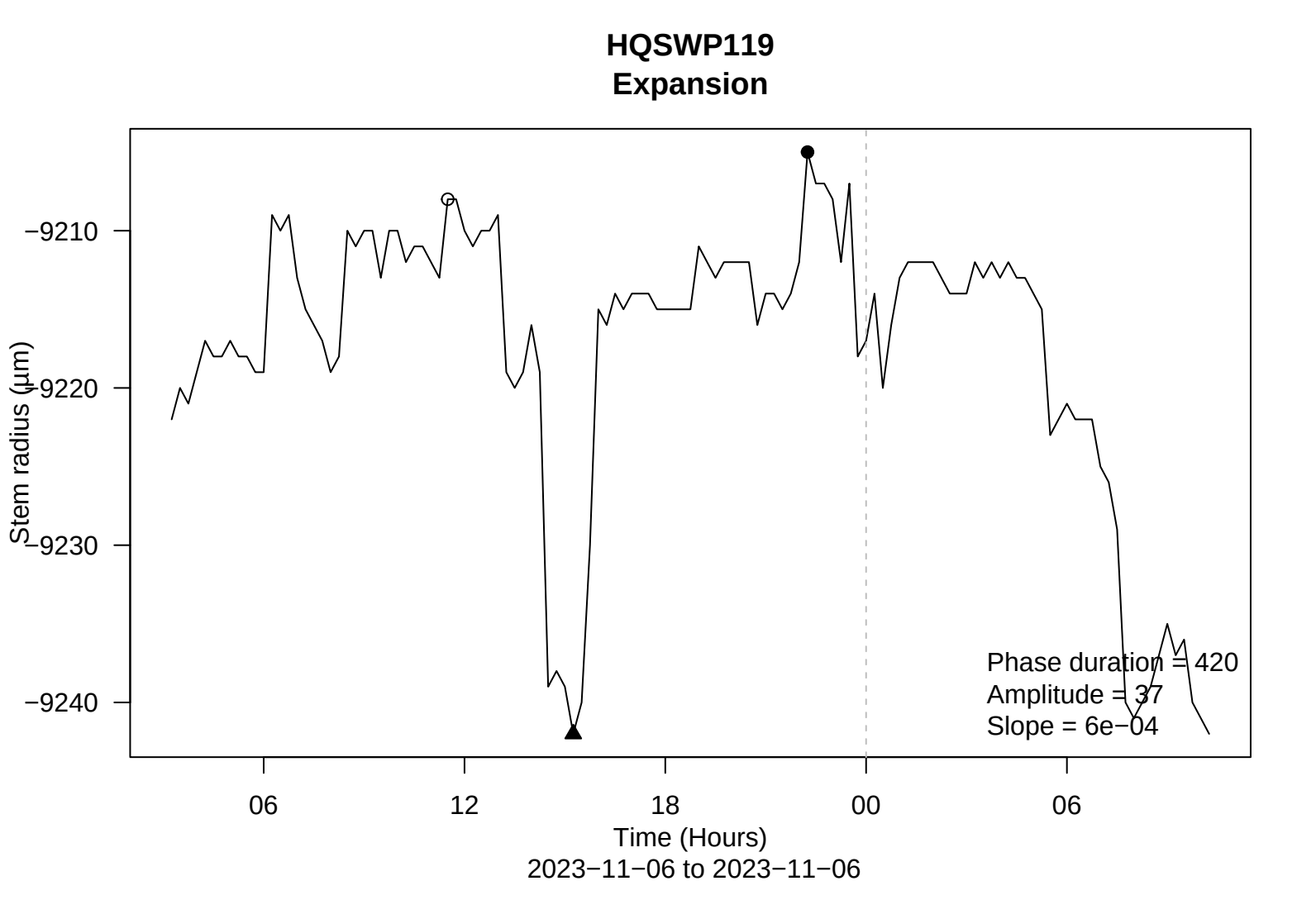

HQSWP119
Expansion
−7500
−8000
−8500
−9000
−9500
Stem radius (µm)
12
00
12
Time (Hours)
2023−11−03 to 2023−11−04
Phase duration = 765
Amplitude = 1749
Slope = 0.0144

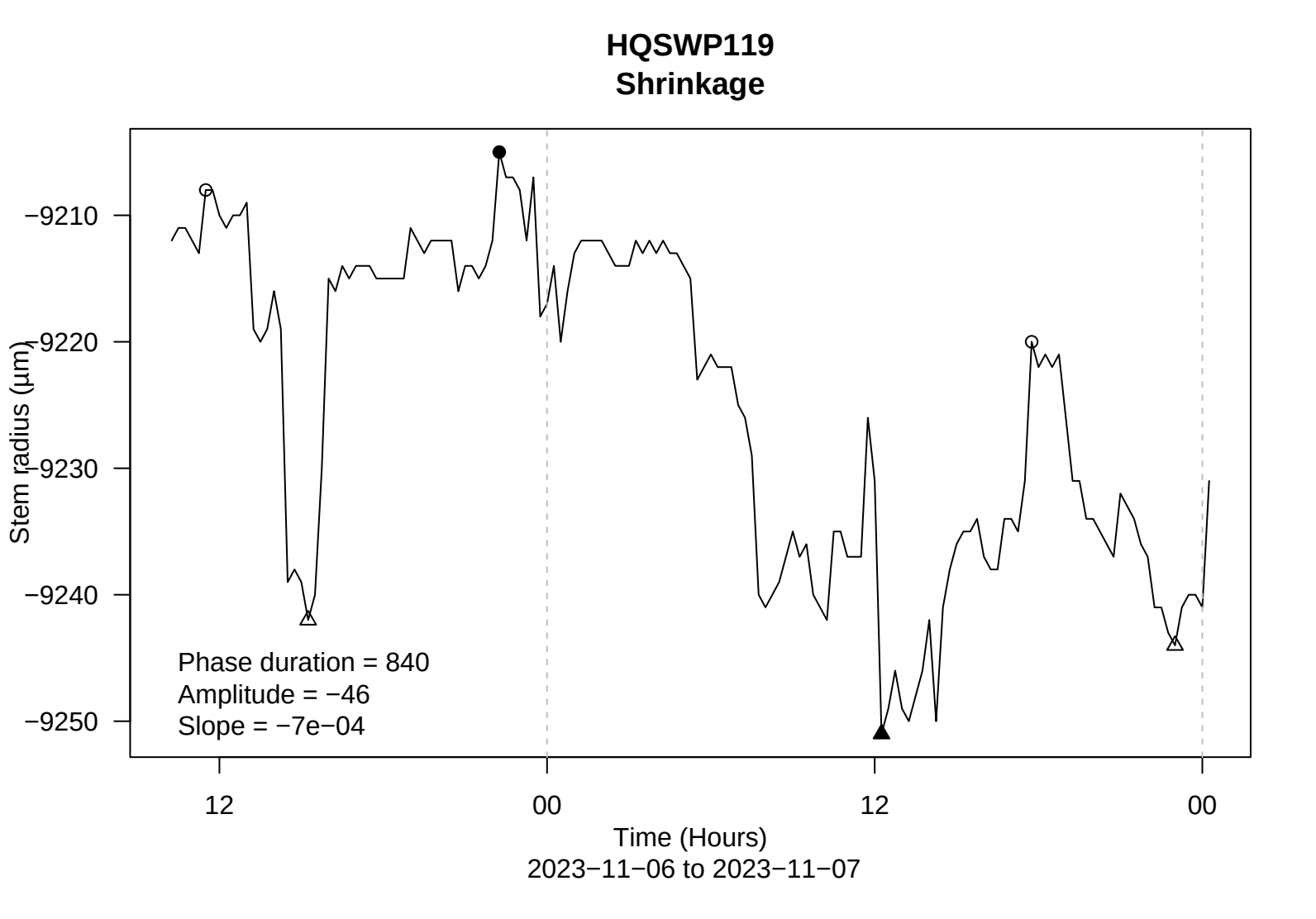

HQSWP119
Shrinkage
−8000
−8500
−9000
−9500
Stem radius (µm)
Phase duration = 360
Amplitude = −413
Slope = −0.0118
00
12
00
Time (Hours)
2023−11−04 to 2023−11−04

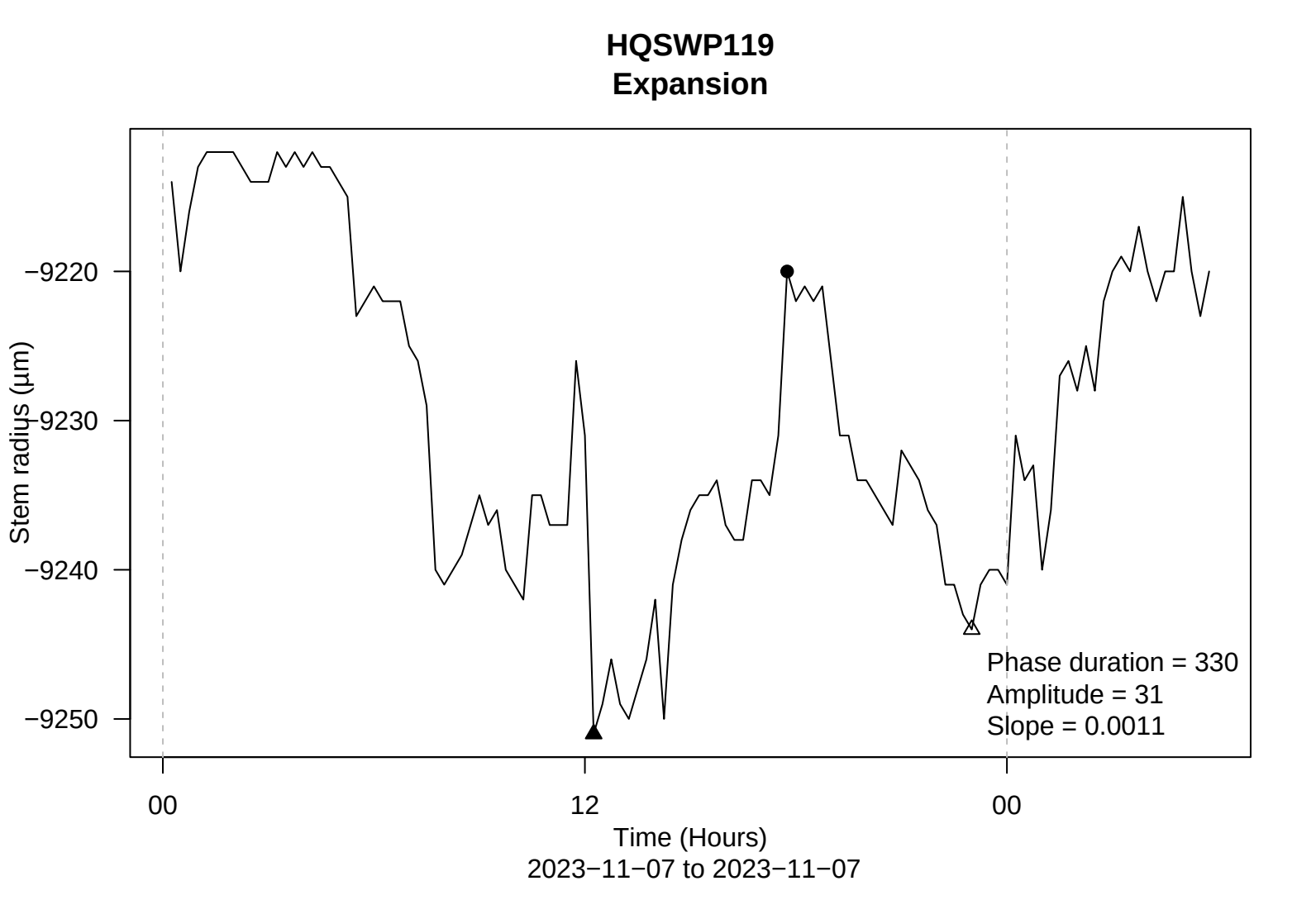

HQSWP119
Expansion
−8000
−8500
−9000
−9500
Stem radius (µm)
Phase duration = 285
Amplitude = 424
Slope = 0.0093
00
12
00
Time (Hours)
2023−11−04 to 2023−11−04

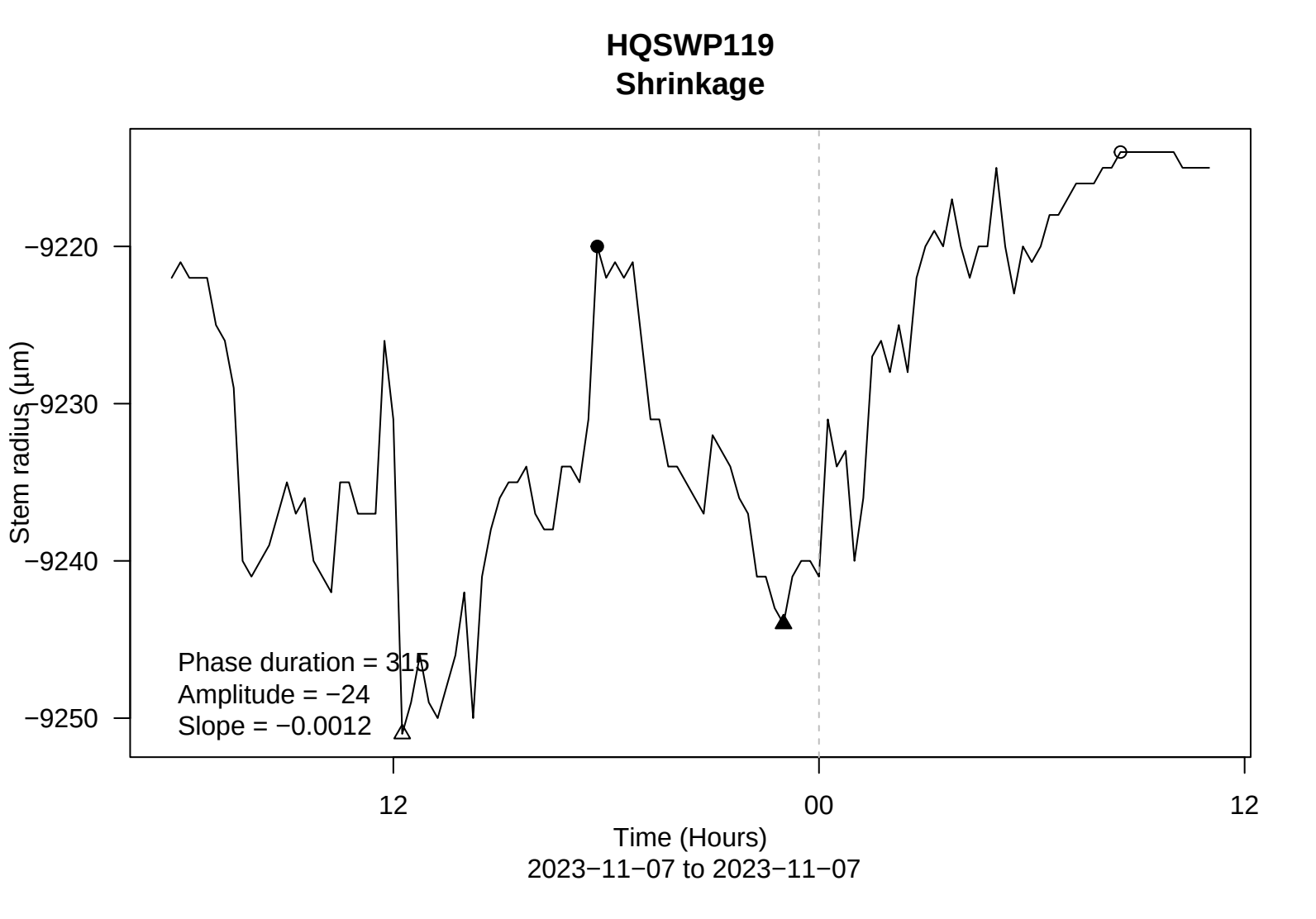

HQSWP119
Shrinkage
−8000
−8200
−8400
−8600
−8800
−9000
−9200
Stem radius (µm)
Phase duration = 1650
Amplitude = −1316
Slope = −0.0158
12
00
12
00
Time (Hours)
2023−11−04 to 2023−11−05

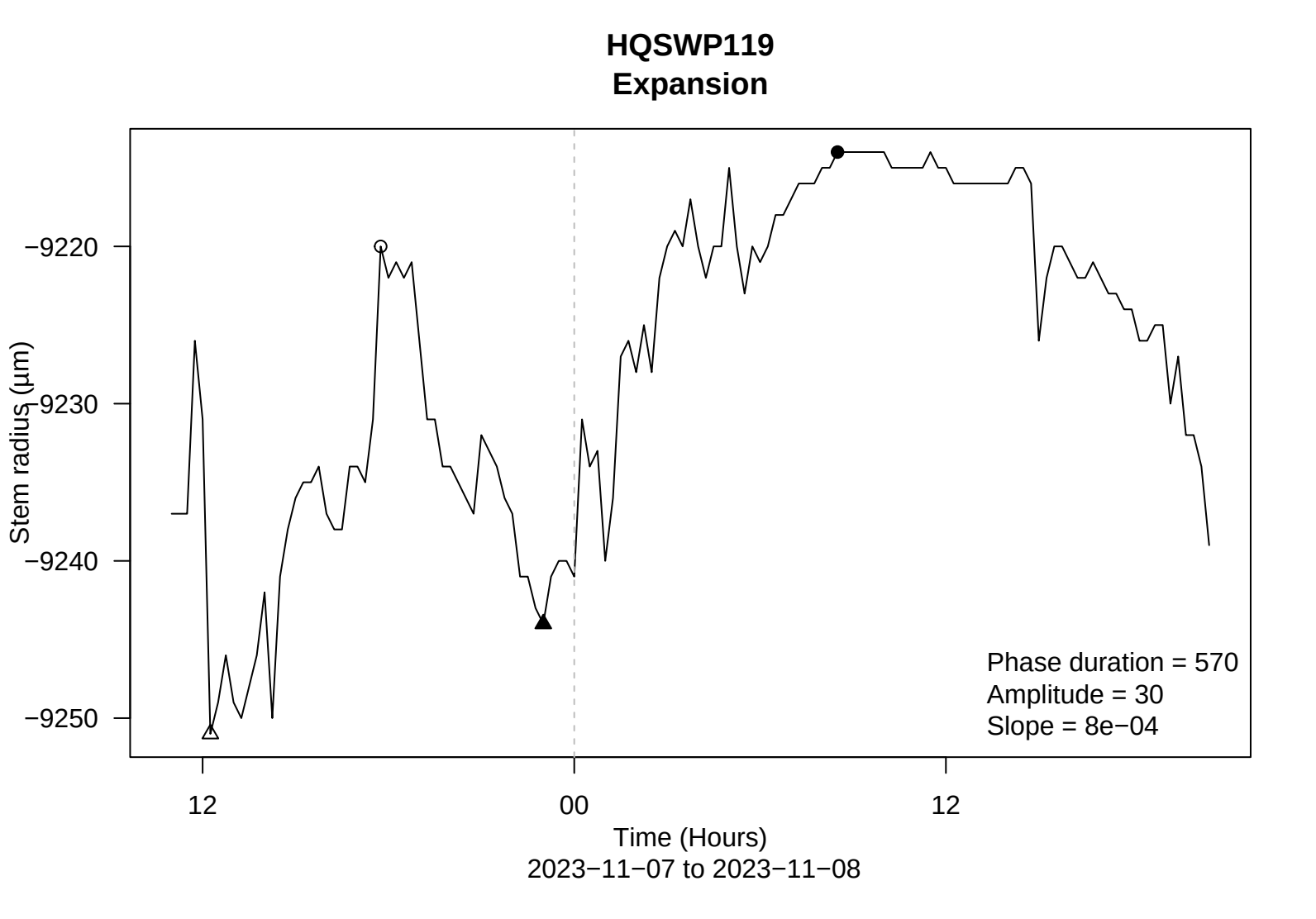

HQSWP119
Expansion
−9210
−9220
−9230
−9240
Stem radius (µm)
Phase duration = 870
Amplitude = 32
Slope = 2e−04
12
00
12
00
Time (Hours)
2023−11−05 to 2023−11−06

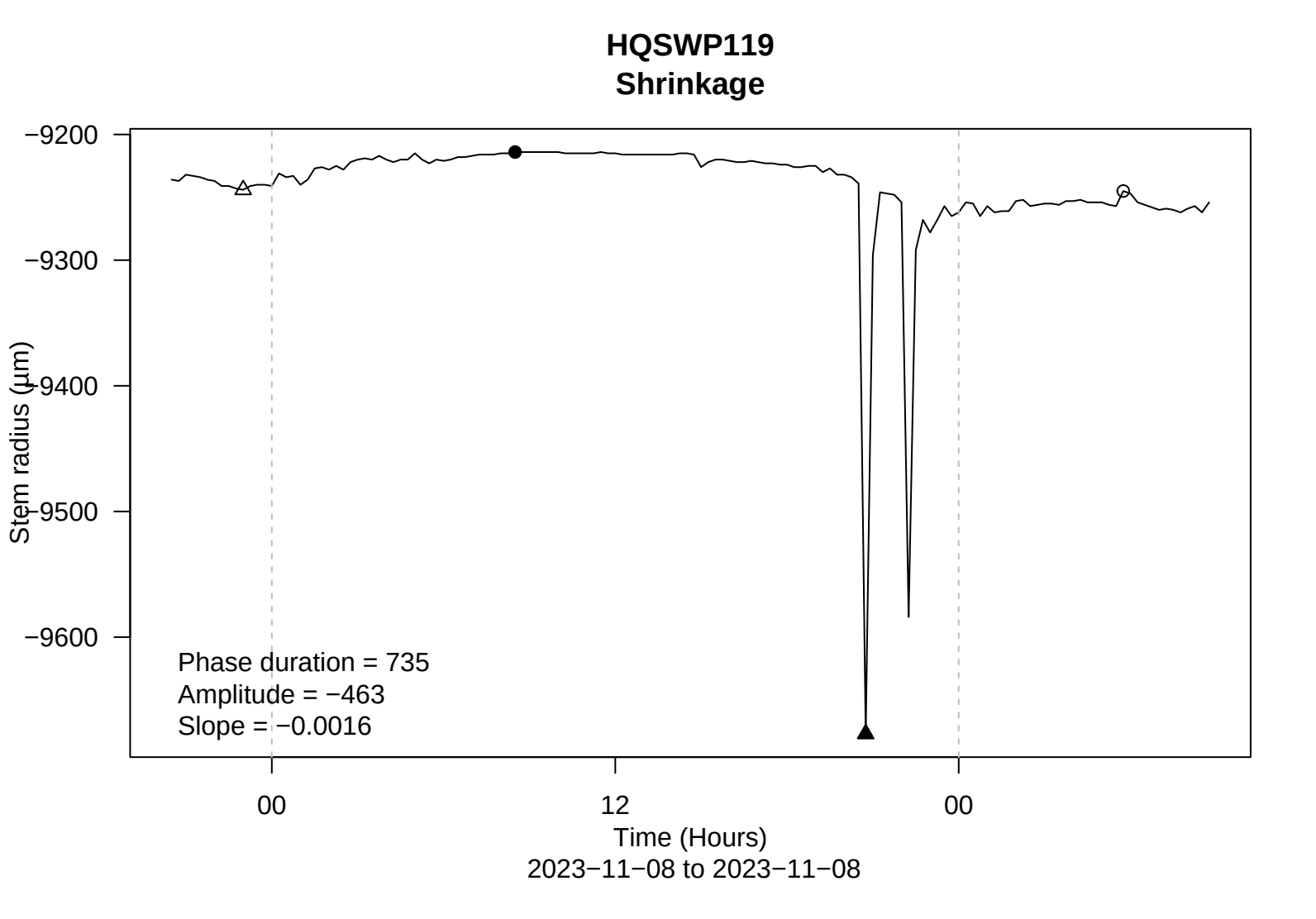

HQSWP119
Expansion
−9210
−9220
−9230
−9240
Stem radius (µm)
06
12
18
00
06
Time (Hours)
2023−11−06 to 2023−11−06
Phase duration = 420
Amplitude = 37
Slope = 6e−04

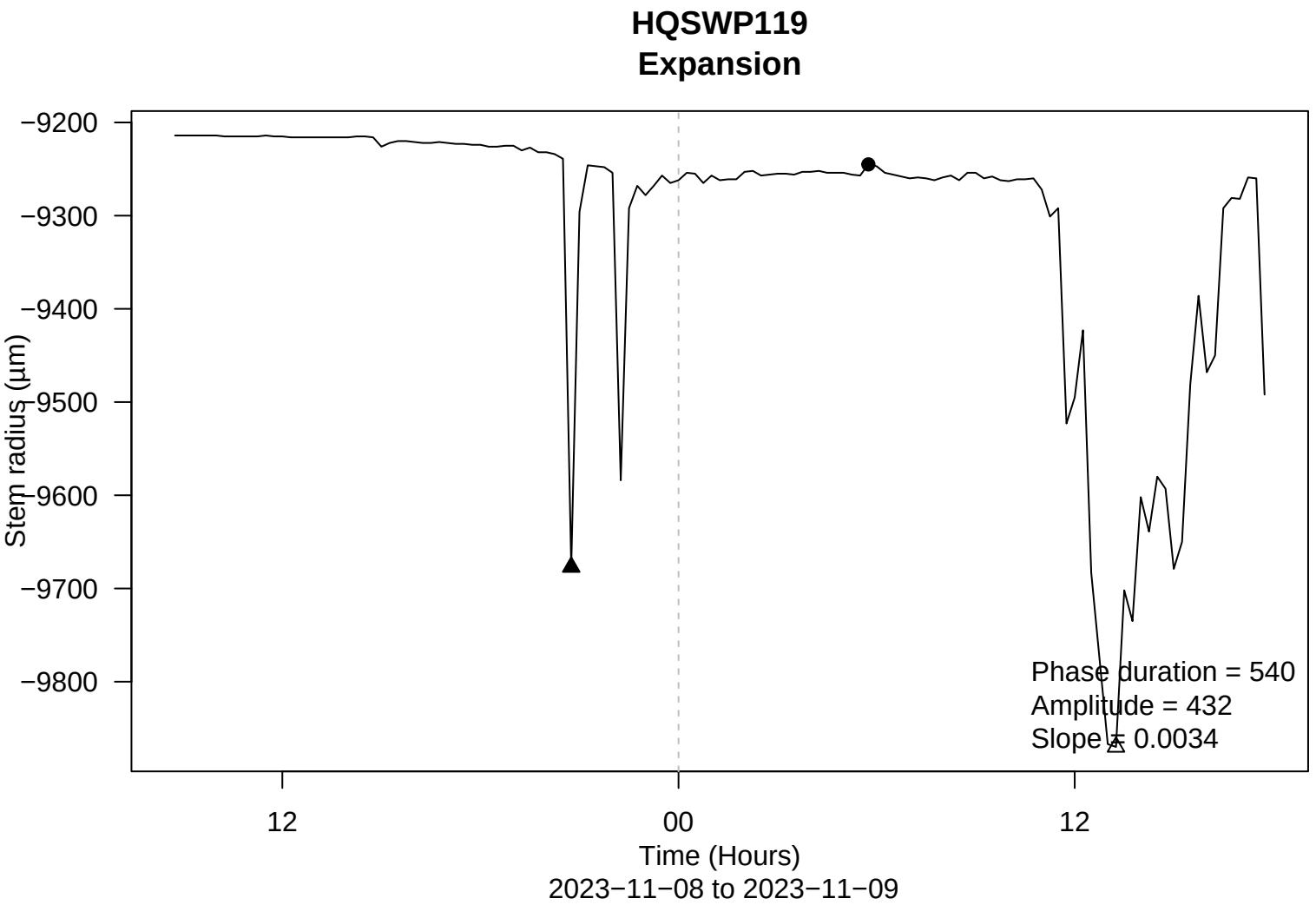

HQSWP119
Shrinkage
−9210
−9220
−9230
−9240
−9250
Stem radius (µm)
Phase duration = 840
Amplitude = −46
Slope = −7e−04
12
00
12
00
Time (Hours)
2023−11−06 to 2023−11−07

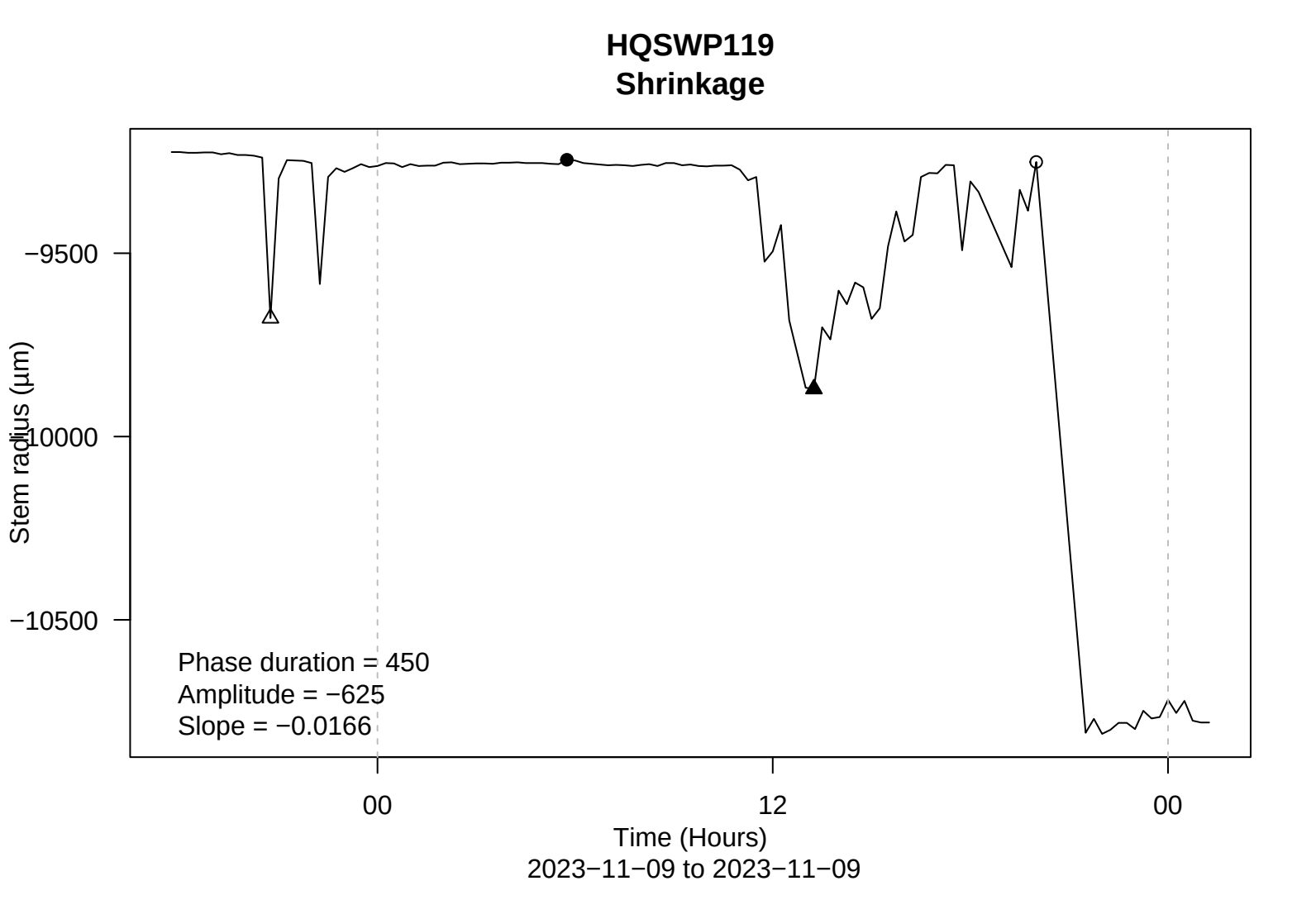

HQSWP119
Expansion
−9220
−9230
−9240
−9250
Stem radius (µm)
00
12
00
Time (Hours)
2023−11−07 to 2023−11−07
Phase duration = 330
Amplitude = 31
Slope = 0.0011

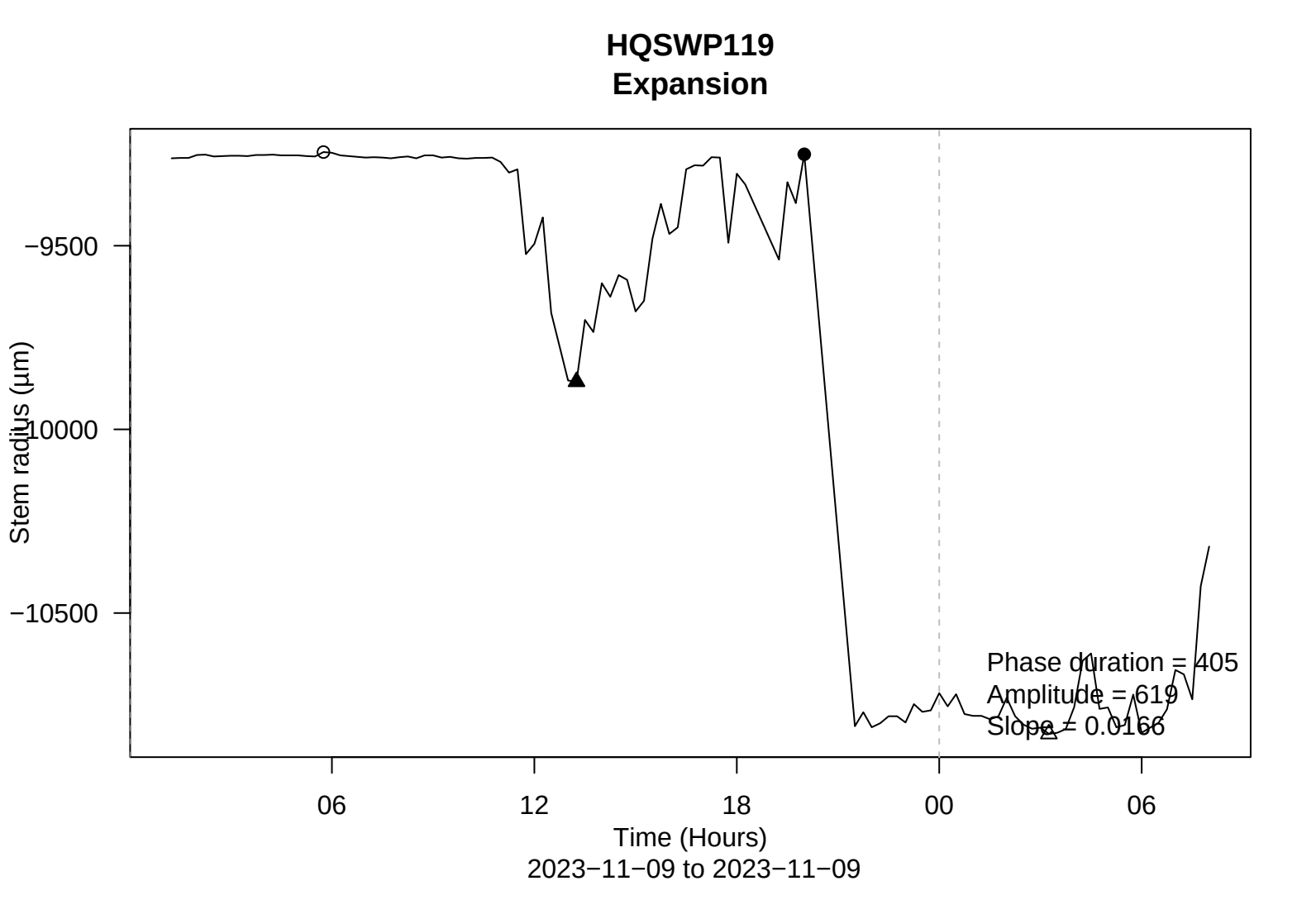

HQSWP119
Shrinkage
−9220
−9230
−9240
−9250
Stem radius (µm)
Phase duration = 315
Amplitude = −24
Slope = −0.0012
12
00
12
Time (Hours)
2023−11−07 to 2023−11−07

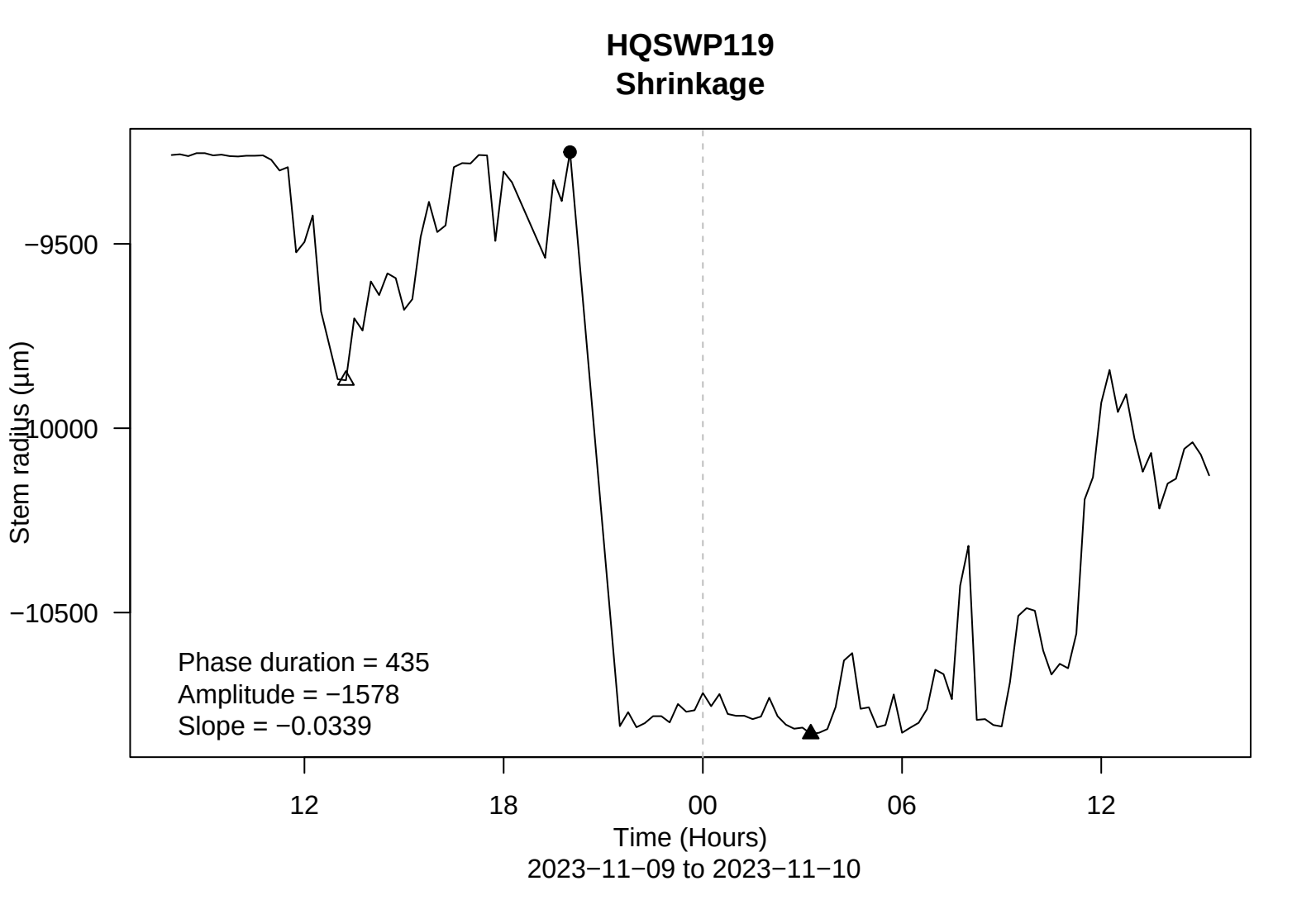

HQSWP119
Expansion
−9220
−9230
−9240
−9250
Stem radius (µm)
Phase duration = 570
Amplitude = 30
Slope = 8e−04
12
00
12
Time (Hours)
2023−11−07 to 2023−11−08

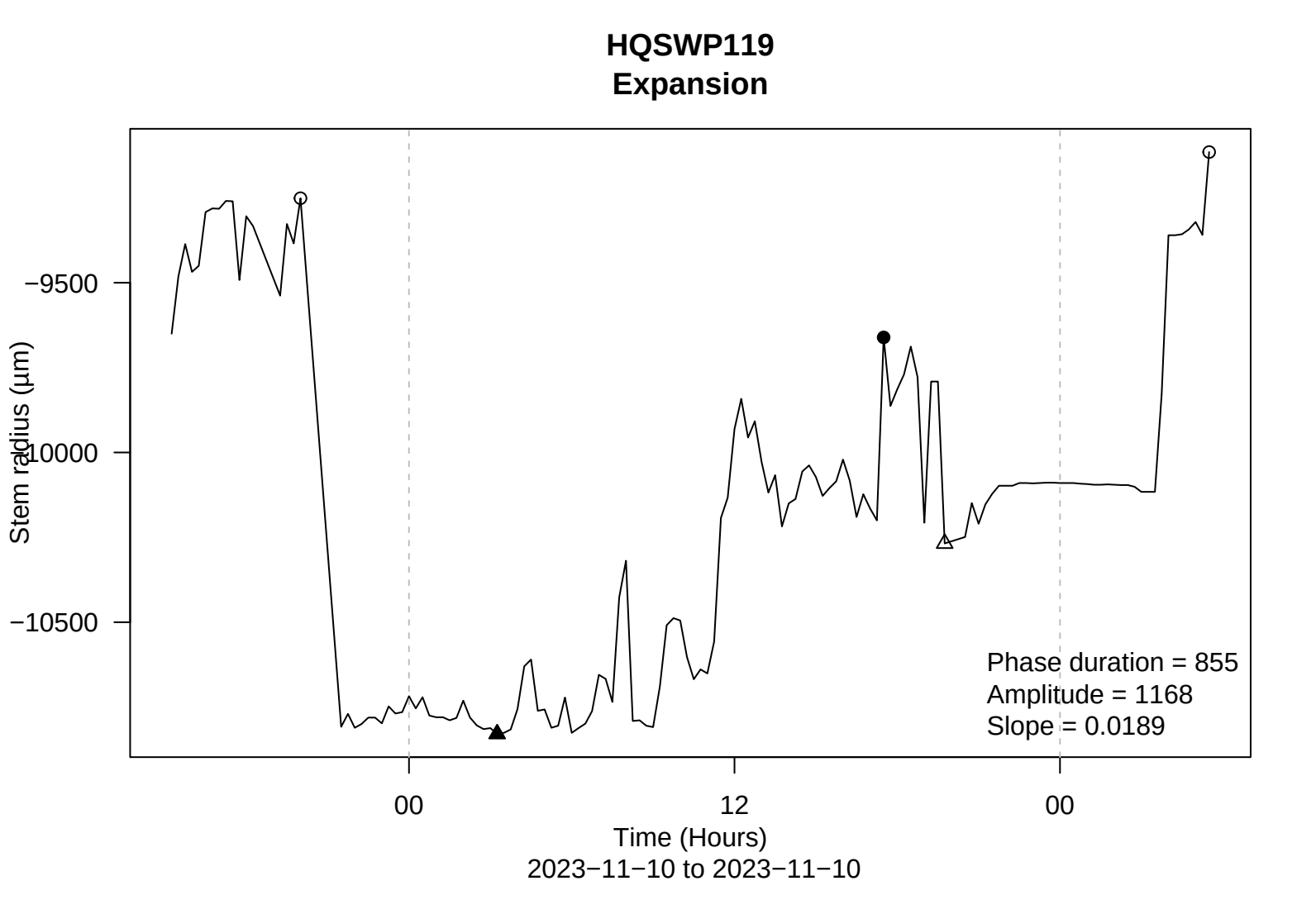

HQSWP119
Shrinkage
−9200
−9300
−9400
−9500
−9600
Stem radius (µm)
Phase duration = 735
Amplitude = −463
Slope = −0.0016
00
12
00
Time (Hours)
2023−11−08 to 2023−11−08

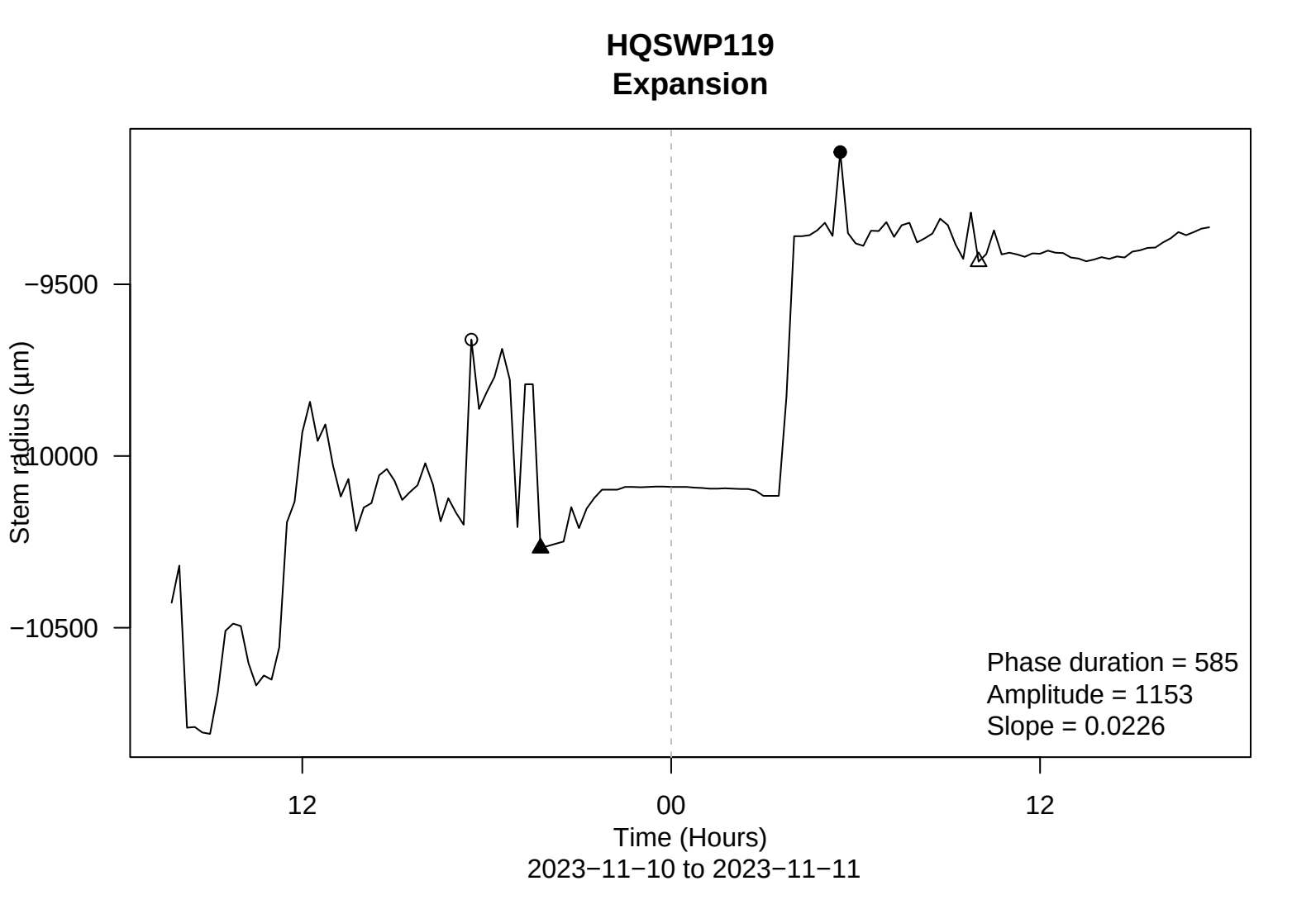

HQSWP119
Expansion
−9200
−9300
−9400
−9500
−9600
−9700
−9800
Stem radius (µm)
Phase duration = 540
Amplitude = 432
Slope = 0.0034
12
00
12
Time (Hours)
2023−11−08 to 2023−11−09

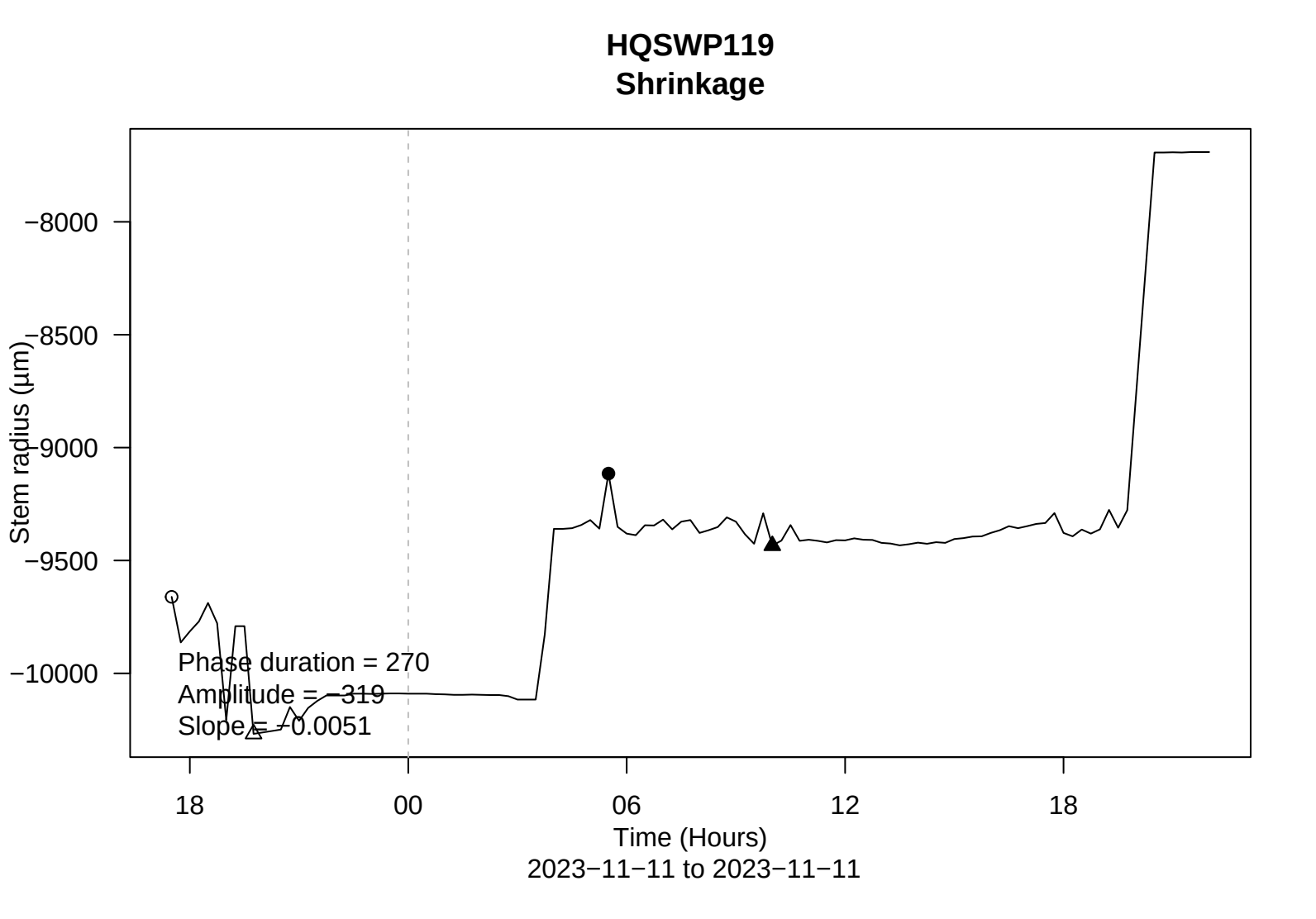

HQSWP119
Shrinkage
−9500
−10000
−10500
Stem radius (µm)
Phase duration = 450
Amplitude = −625
Slope = −0.0166
00
12
00
Time (Hours)
2023−11−09 to 2023−11−09

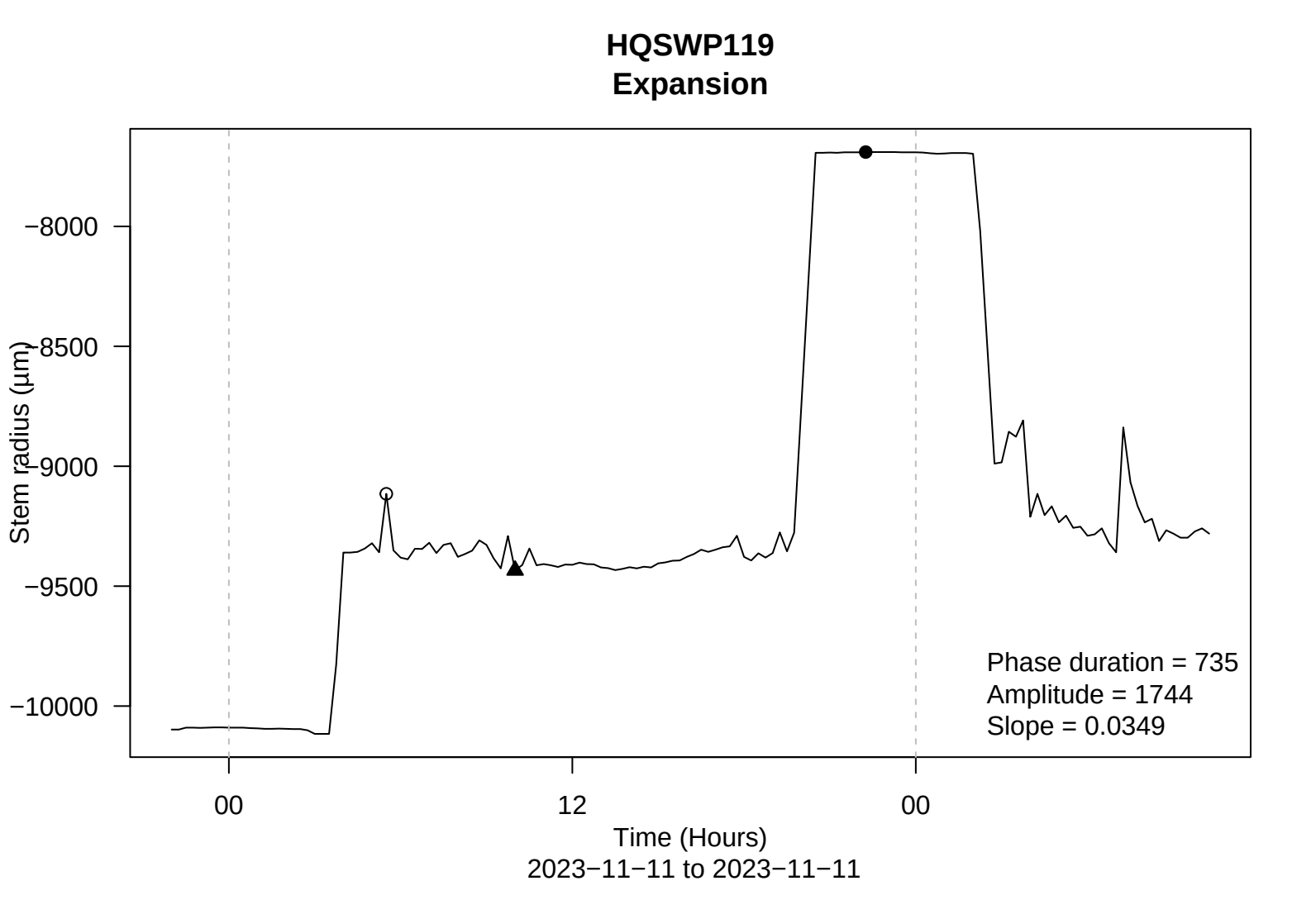

HQSWP119
Expansion
−9500
−10000
−10500
Stem radius (µm)
06
12
18
00
06
Time (Hours)
2023−11−09 to 2023−11−09
Phase duration = 405
Amplitude = 619
Slope = 0.0166

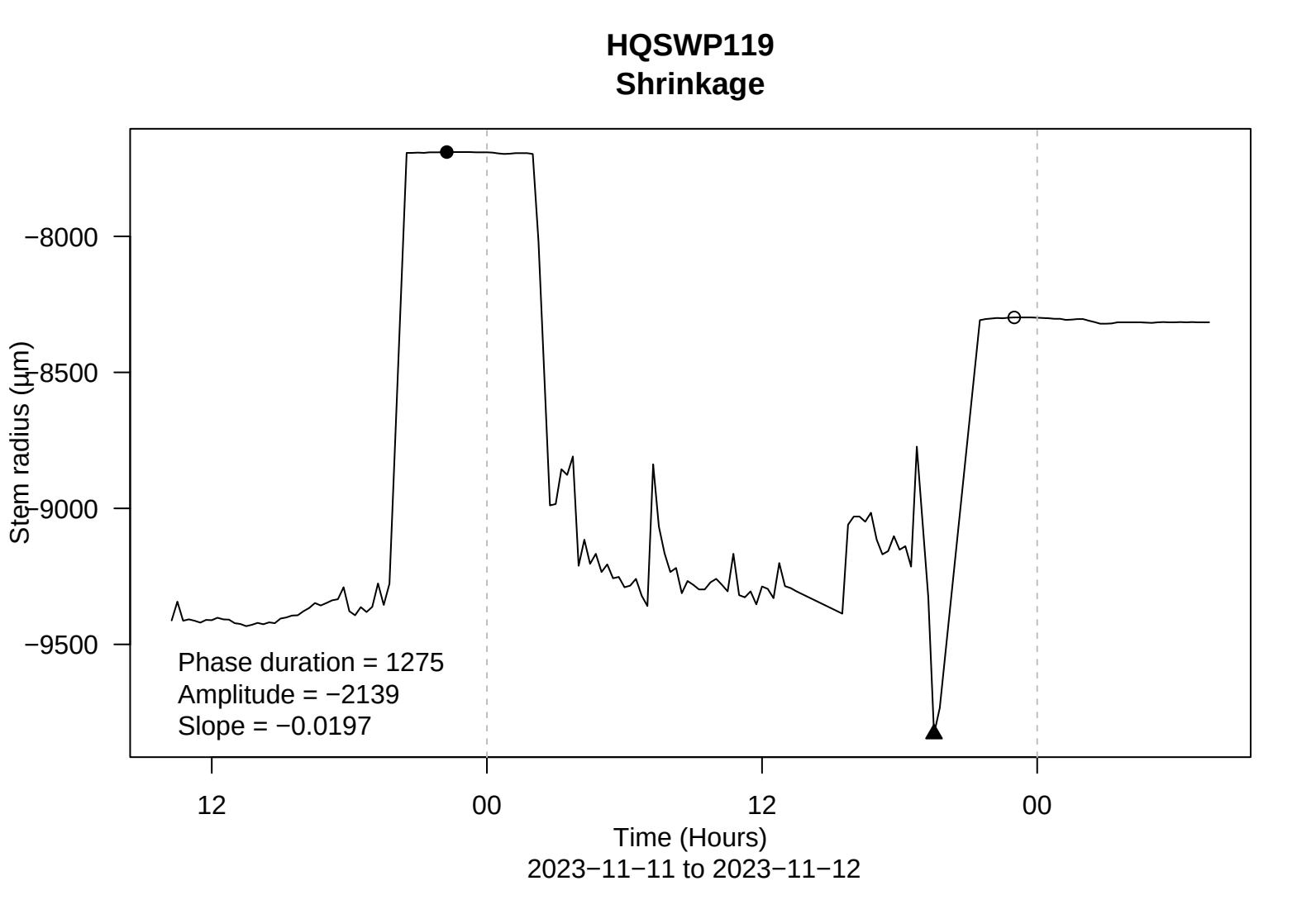

HQSWP119
Shrinkage
−9500
−10000
−10500
Stem radius (µm)
Phase duration = 435
Amplitude = −1578
Slope = −0.0339
12
18
00
06
12
Time (Hours)
2023−11−09 to 2023−11−10

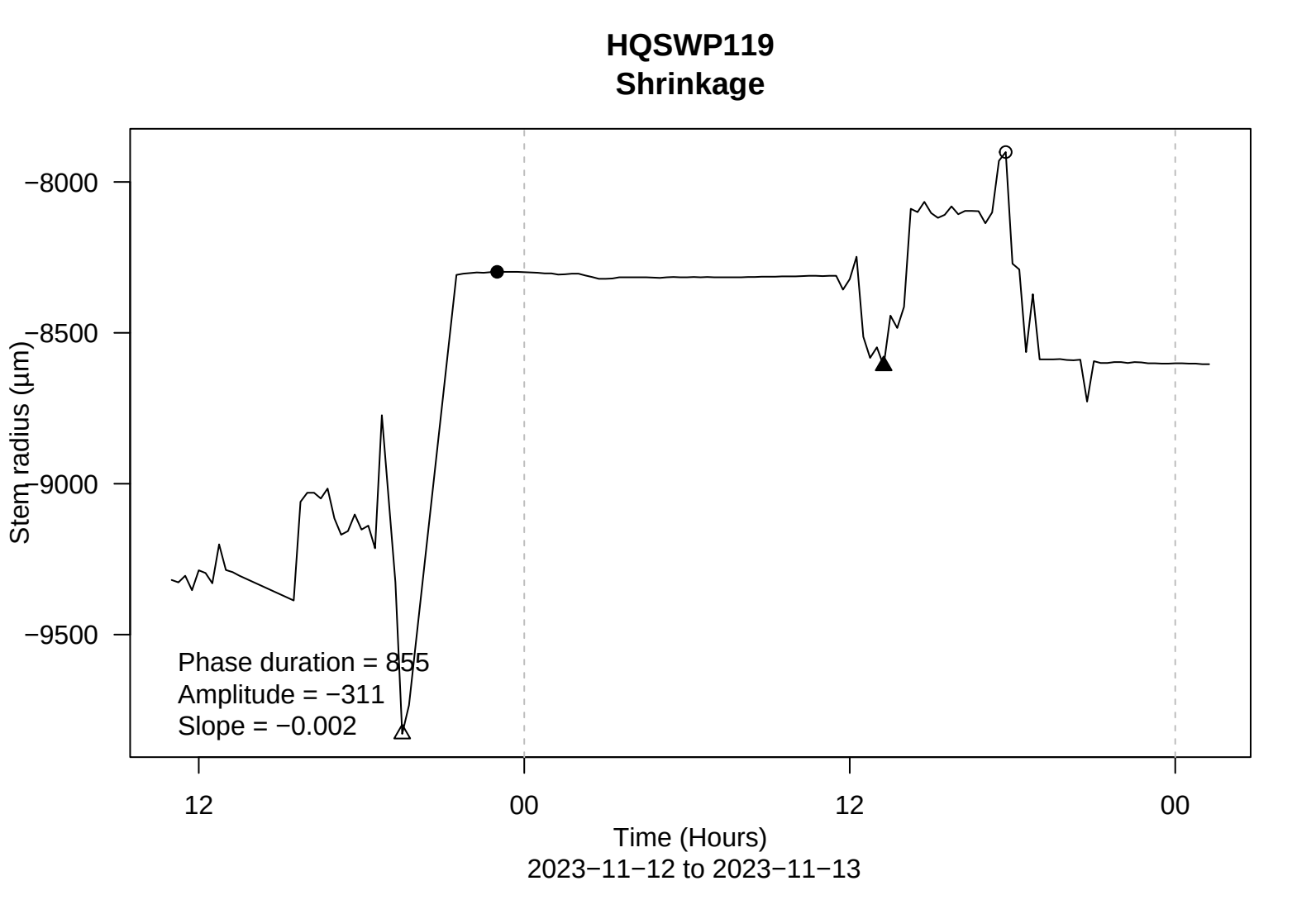

HQSWP119
Expansion
−9500
−10000
−10500
Stem radius (µm)
Phase duration = 855
Amplitude = 1168
Slope = 0.0189
00
12
00
Time (Hours)
2023−11−10 to 2023−11−10

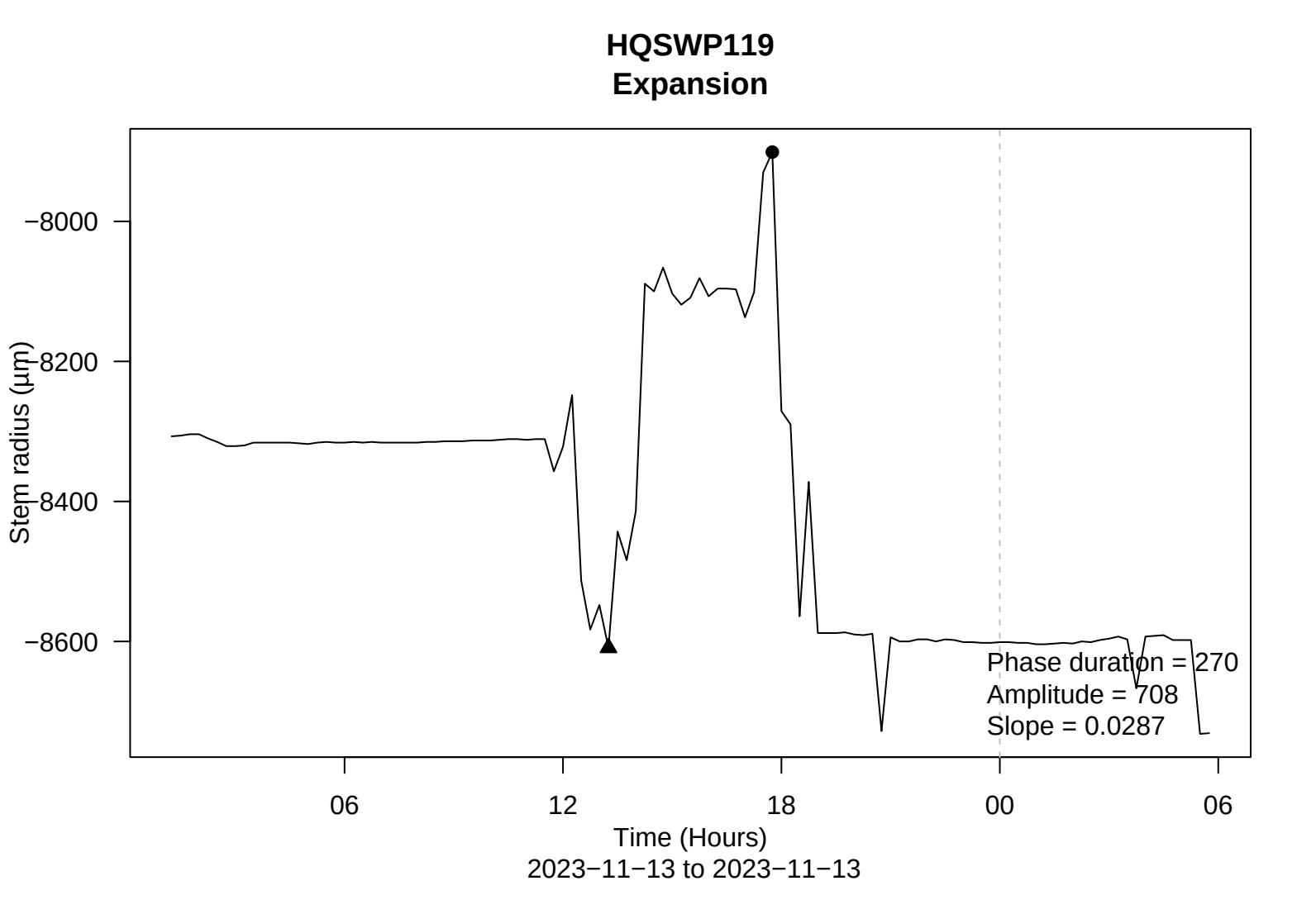

HQSWP119
Expansion
−9500
−10000
−10500
Stem radius (µm)
12
00
12
Time (Hours)
2023−11−10 to 2023−11−11
Phase duration = 585
Amplitude = 1153
Slope = 0.0226

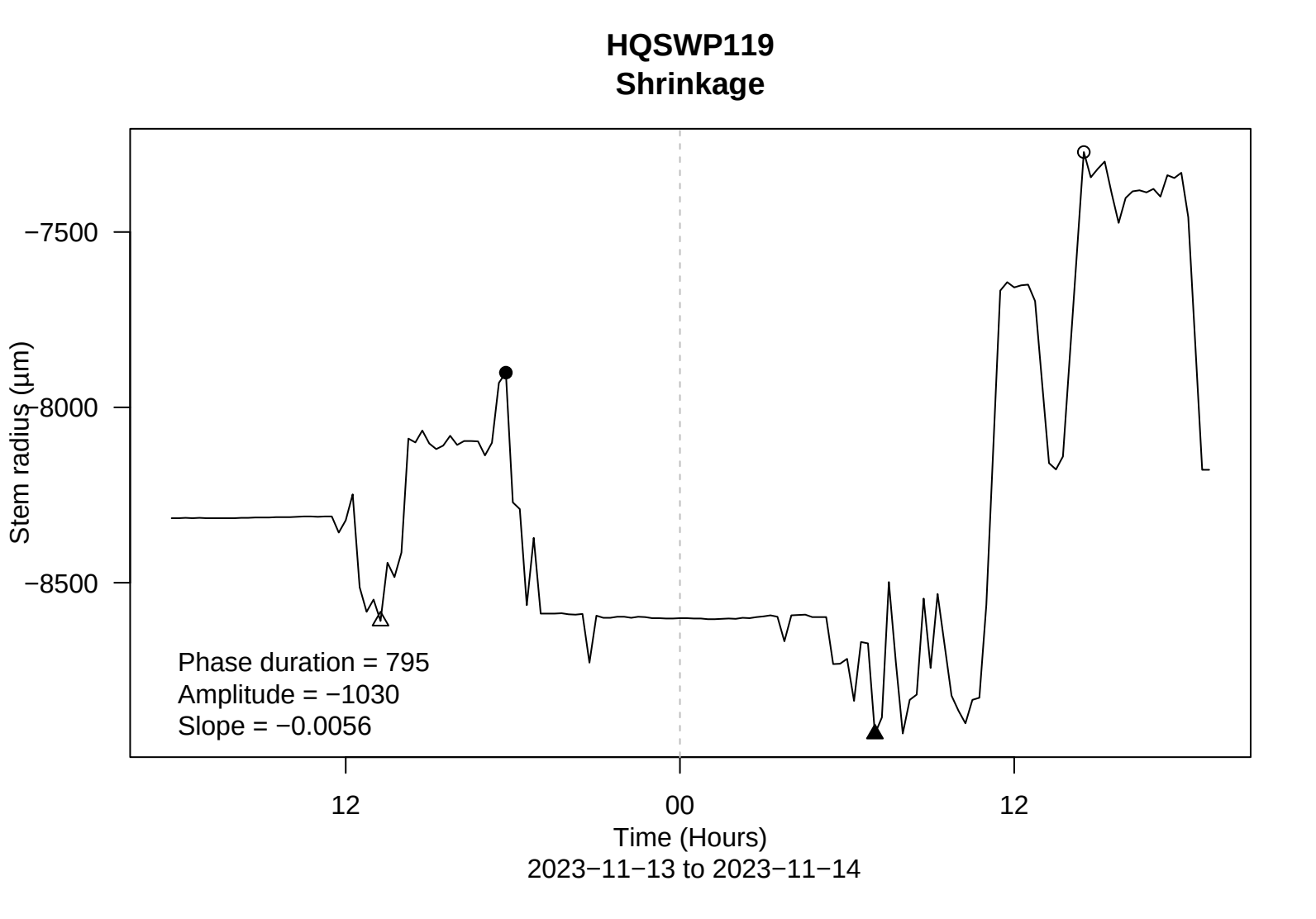

HQSWP119
Shrinkage
−8000
−8500
−9000
−9500
−10000
Stem radius (µm)
Phase duration = 270
Amplitude = −319
Slope = −0.0051
18
00
06
12
18
Time (Hours)
2023−11−11 to 2023−11−11

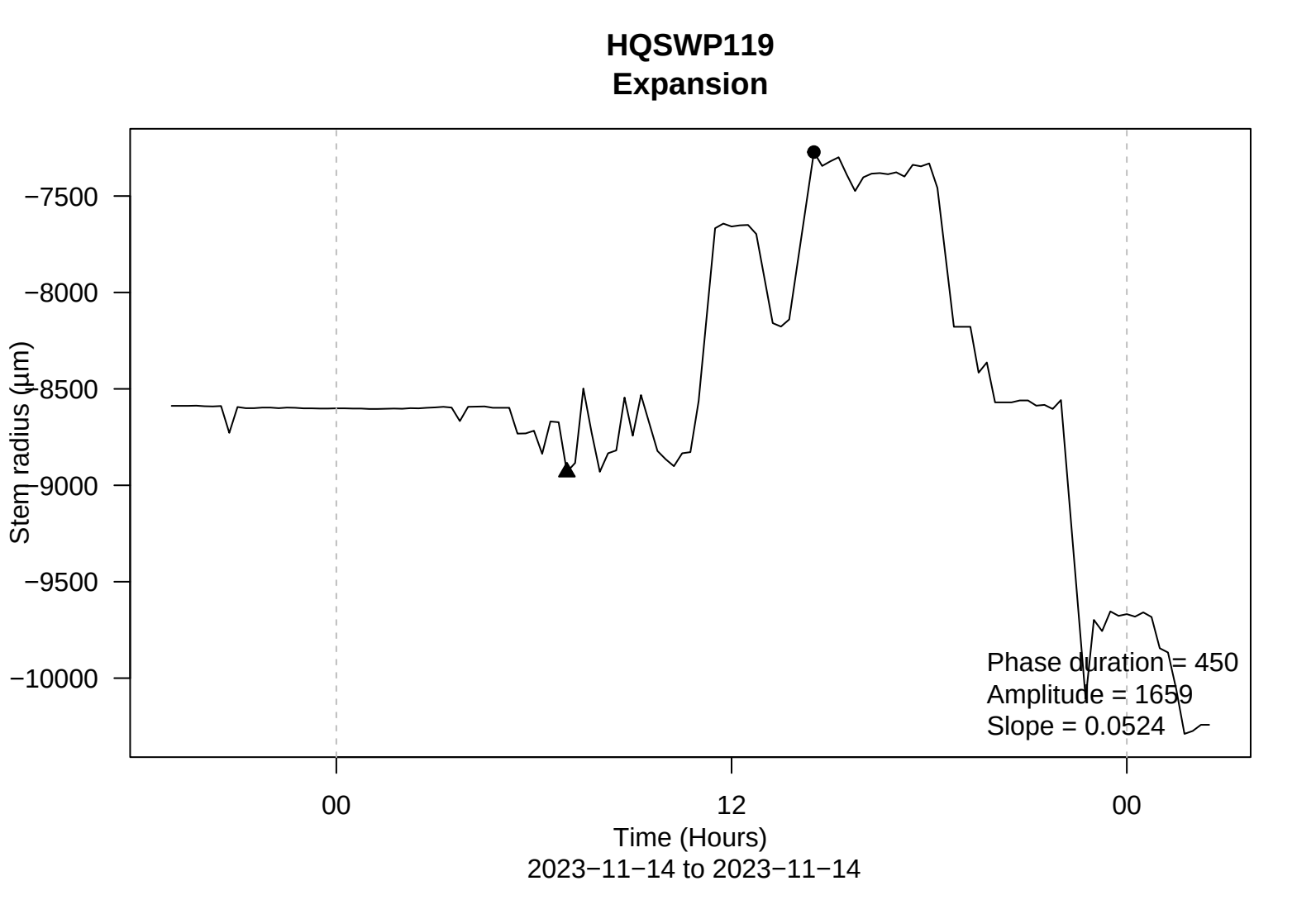

HQSWP119
Expansion
−8000
−8500
−9000
−9500
−10000
Stem radius (µm)
00
12
00
Time (Hours)
2023−11−11 to 2023−11−11
Phase duration = 735
Amplitude = 1744
Slope = 0.0349

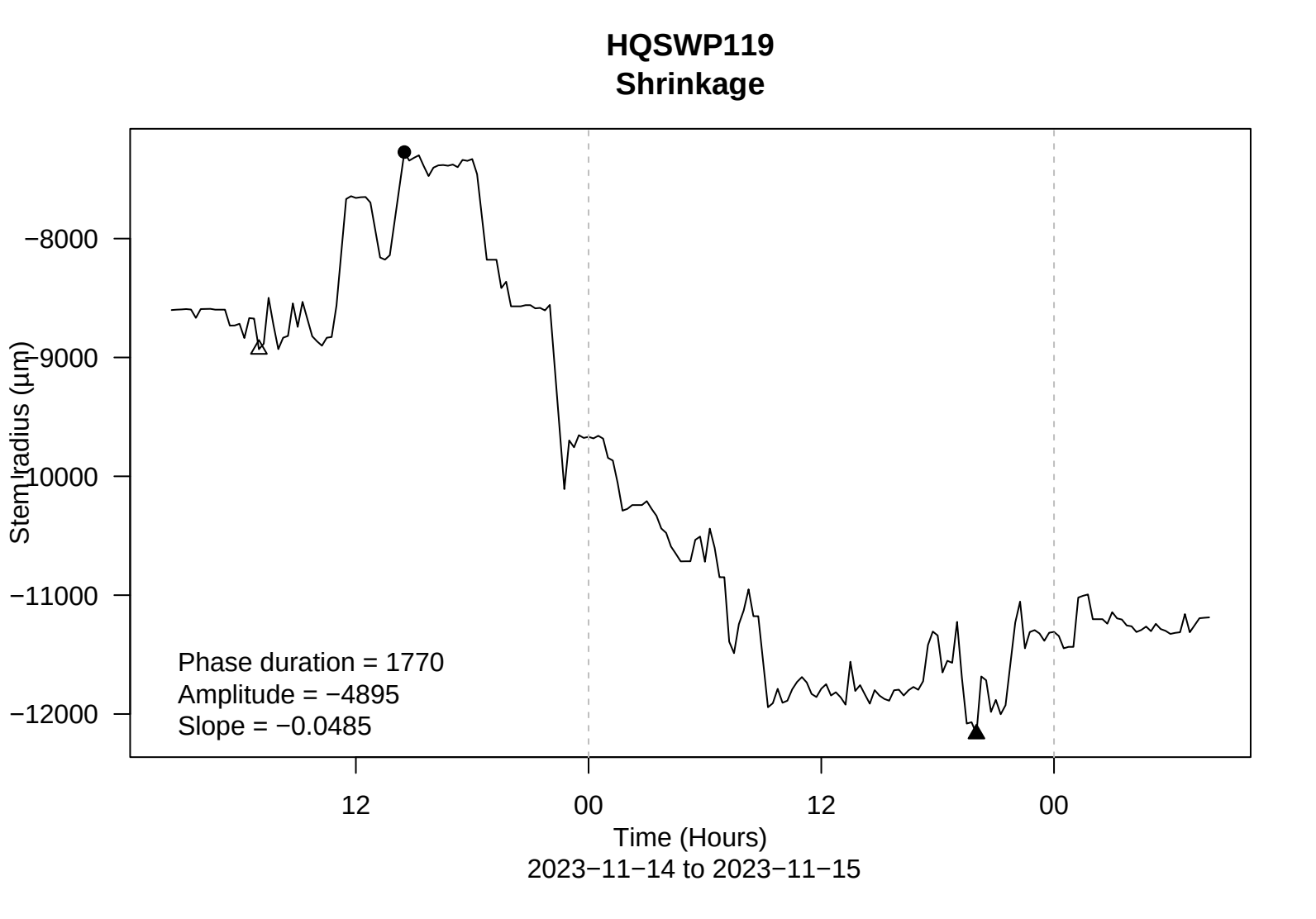

HQSWP119
Shrinkage
−8000
−8500
−9000
−9500
Stem radius (µm)
Phase duration = 1275
Amplitude = −2139
Slope = −0.0197
12
00
12
00
Time (Hours)
2023−11−11 to 2023−11−12

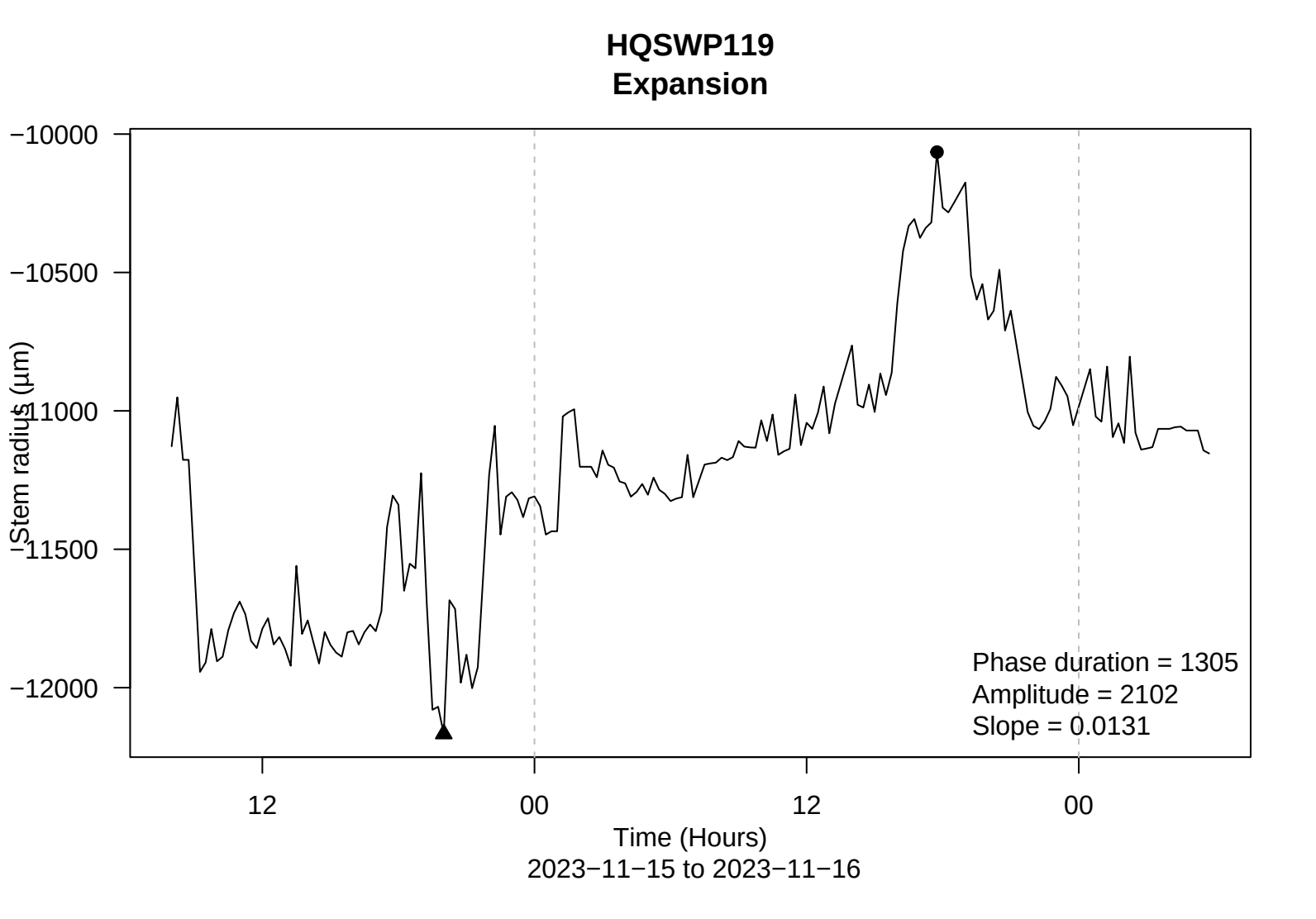

HQSWP119
Shrinkage
−8000
−8500
−9000
−9500
Stem radius (µm)
Phase duration = 855
Amplitude = −311
Slope = −0.002
12
00
12
00
Time (Hours)
2023−11−12 to 2023−11−13

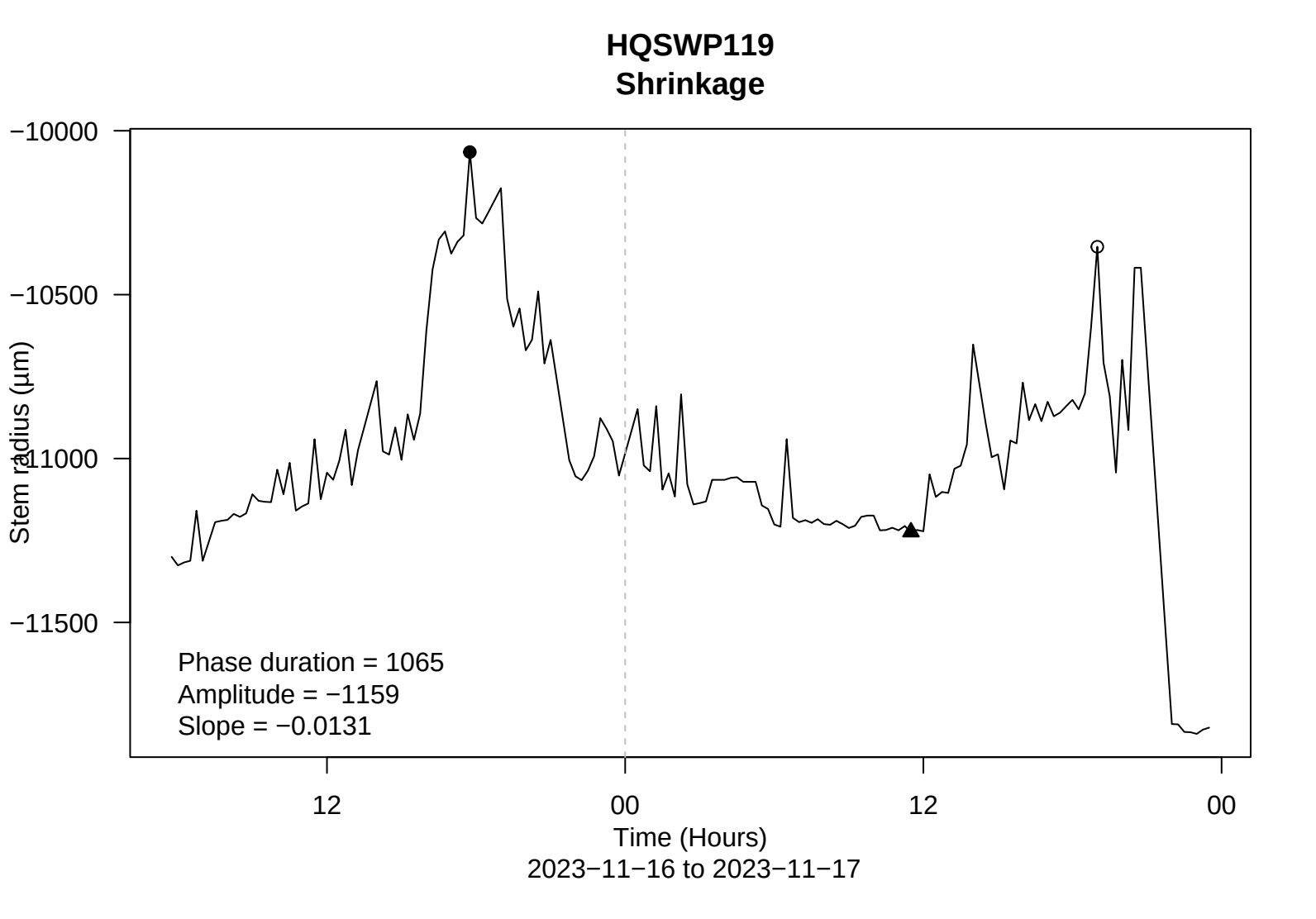

HQSWP119
Expansion
−8000
−8200
−8400
−8600
Stem radius (µm)
06
12
18
00
06
Time (Hours)
2023−11−13 to 2023−11−13
Phase duration = 270
Amplitude = 708
Slope = 0.0287

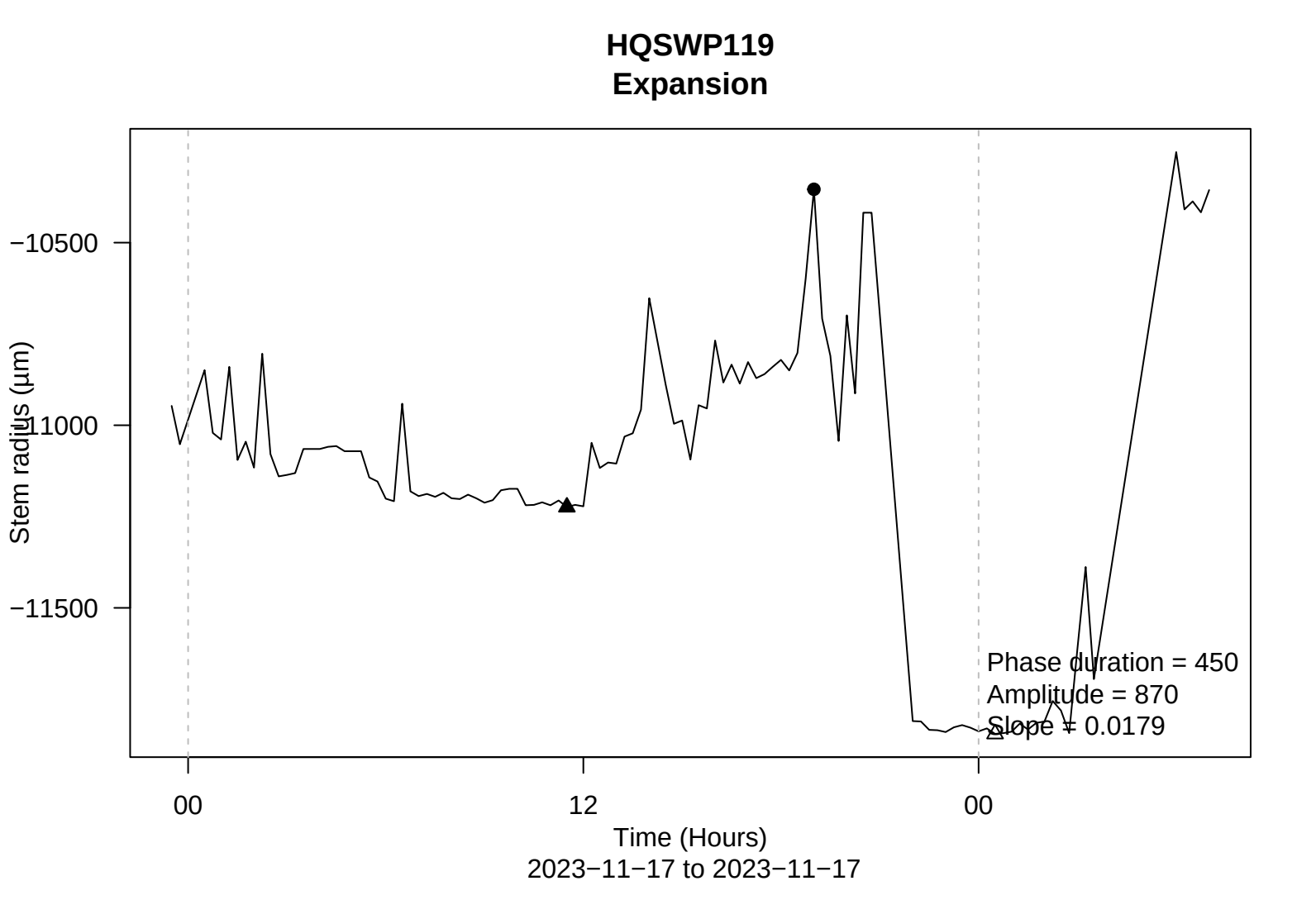

HQSWP119
Shrinkage
−7500
−8000
−8500
Stem radius (µm)
Phase duration = 795
Amplitude = −1030
Slope = −0.0056
12
00
12
Time (Hours)
2023−11−13 to 2023−11−14

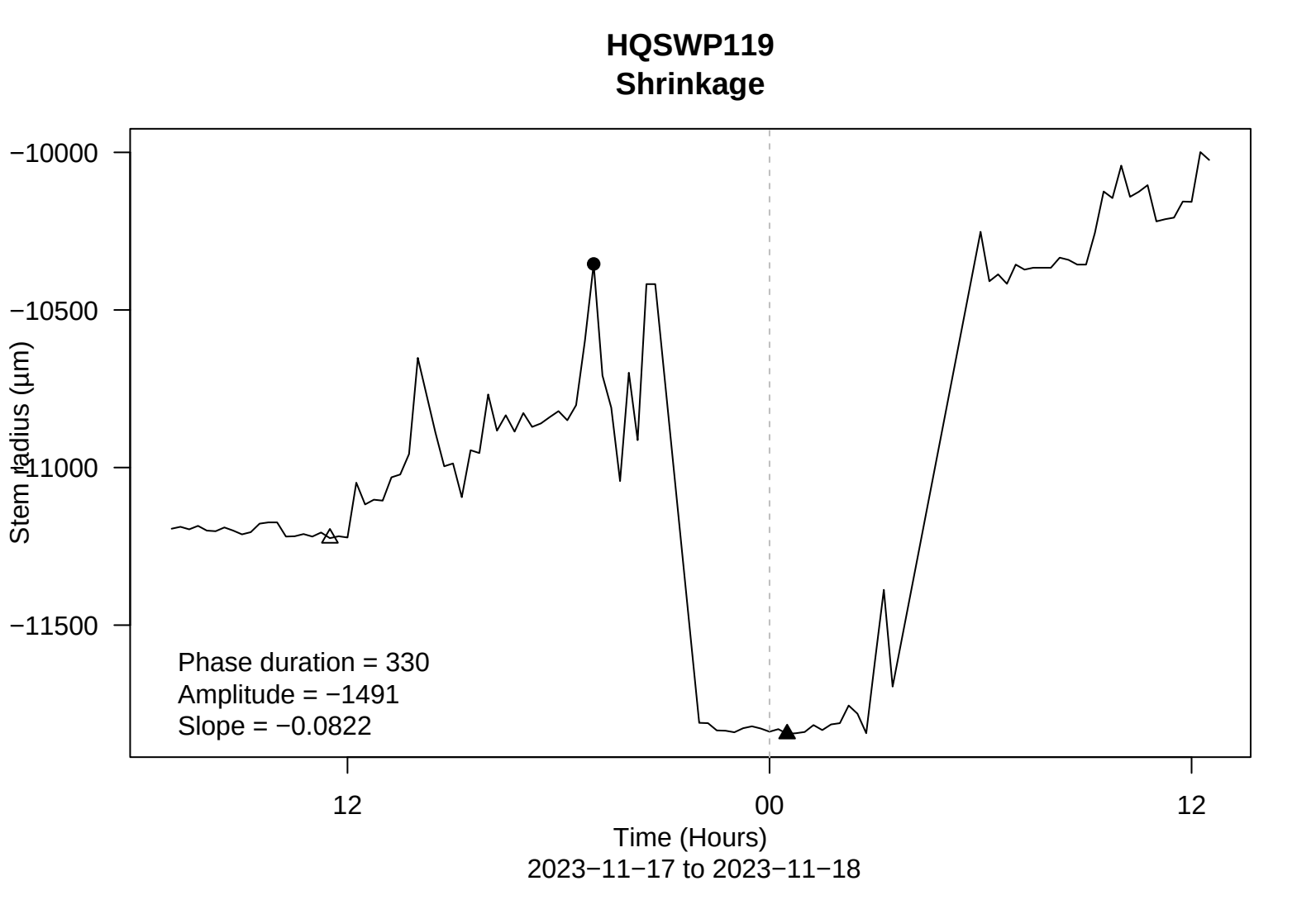

HQSWP119
Expansion
−7500
−8000
−8500
−9000
−9500
−10000
Stem radius (µm)
Phase duration = 450
Amplitude = 1659
Slope = 0.0524
00
12
00
Time (Hours)
2023−11−14 to 2023−11−14

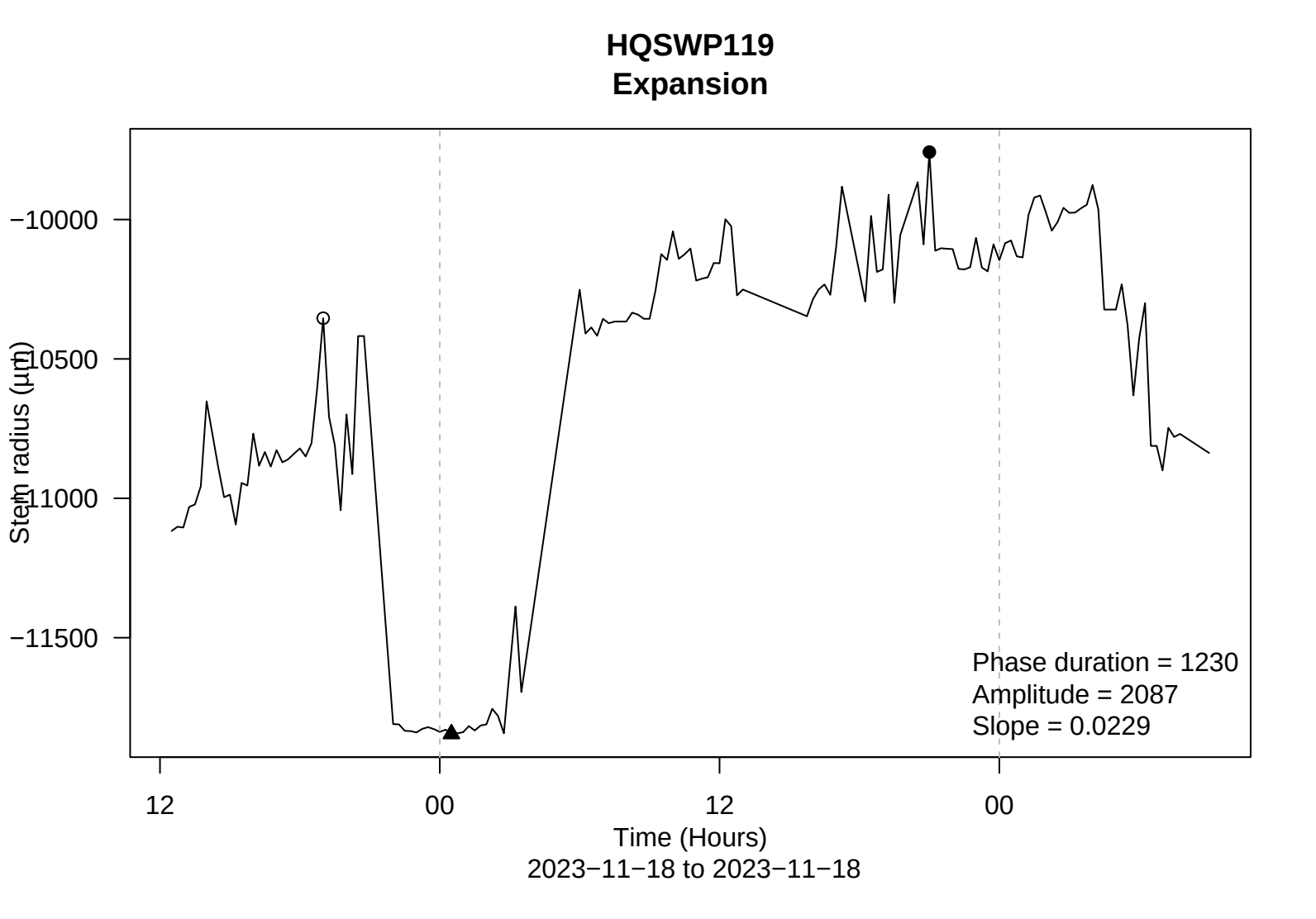

HQSWP119
Shrinkage
−8000
−9000
−10000
−11000
−12000
Stem radius (µm)
Phase duration = 1770
Amplitude = −4895
Slope = −0.0485
12
00
12
00
Time (Hours)
2023−11−14 to 2023−11−15

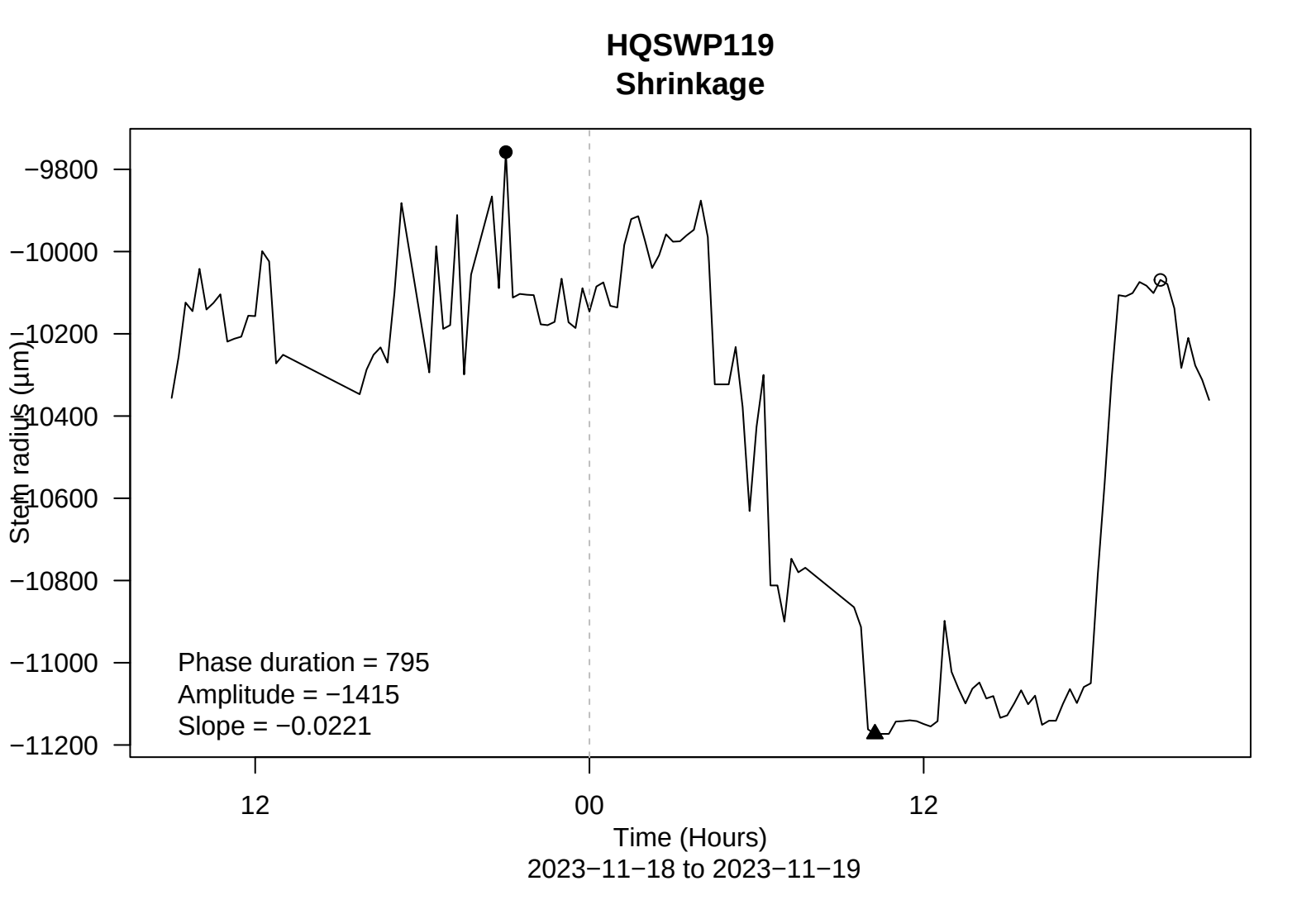

HQSWP119
Expansion
−10000
−10500
−11000
−11500
−12000
Stem radius (µm)
Phase duration = 1305
Amplitude = 2102
Slope = 0.0131
12
00
12
00
Time (Hours)
2023−11−15 to 2023−11−16

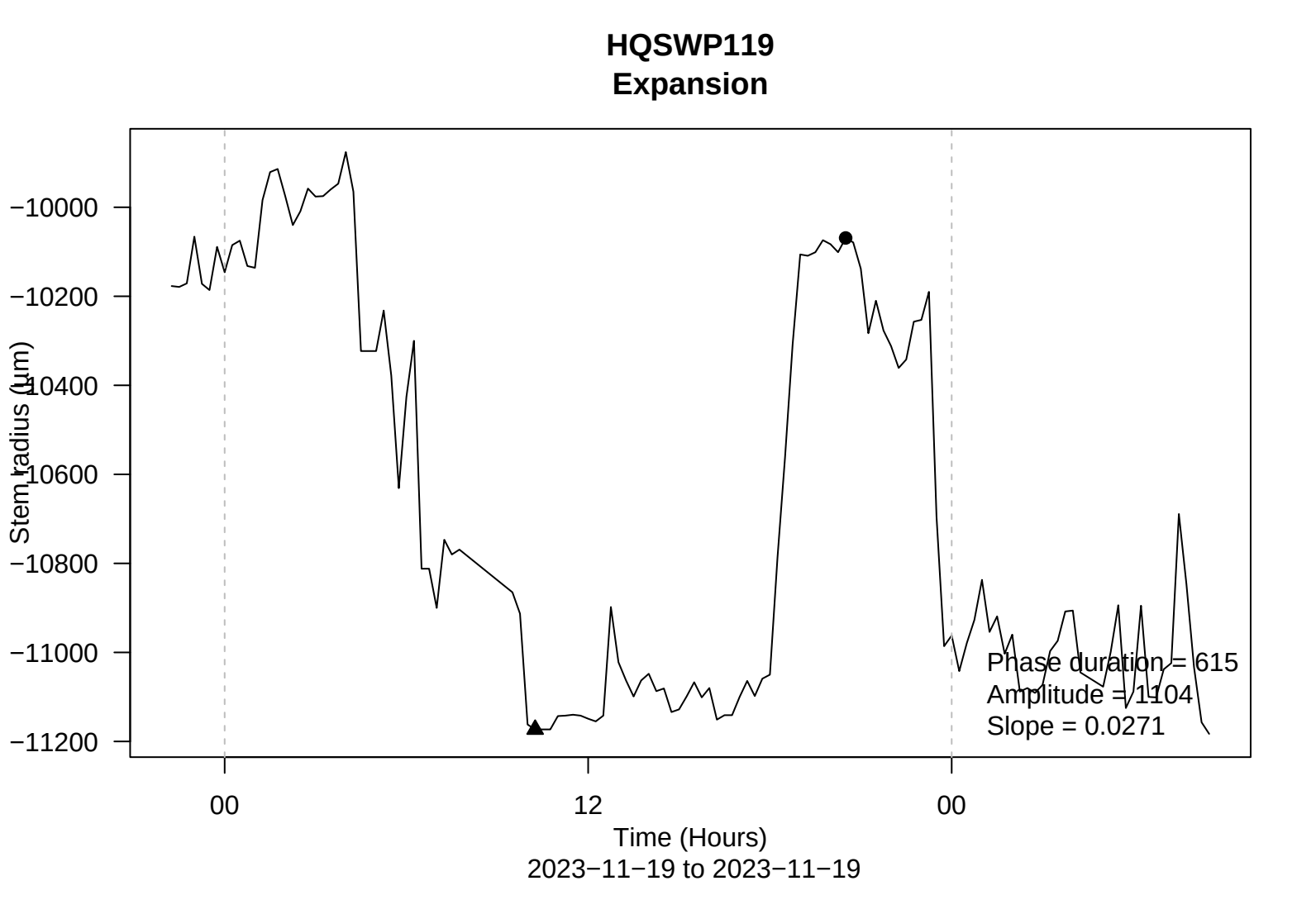

HQSWP119
Shrinkage
−10000
−10500
−11000
−11500
Stem radius (µm)
Phase duration = 1065
Amplitude = −1159
Slope = −0.0131
12
00
12
00
Time (Hours)
2023−11−16 to 2023−11−17

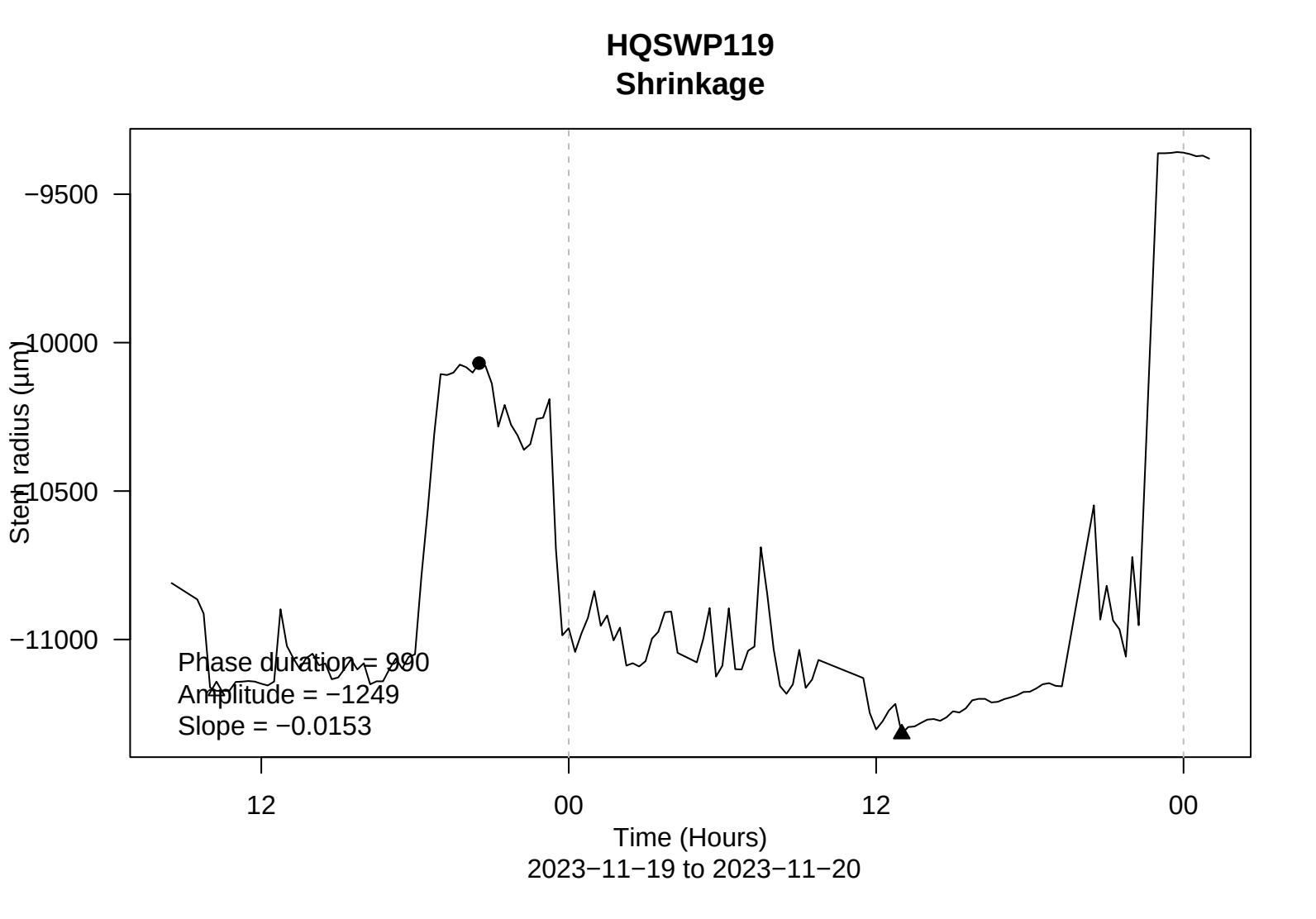

HQSWP119
Expansion
−10500
−11000
−11500
Stem radius (µm)
Phase duration = 450
Amplitude = 870
Slope = 0.0179
00
12
00
Time (Hours)
2023−11−17 to 2023−11−17

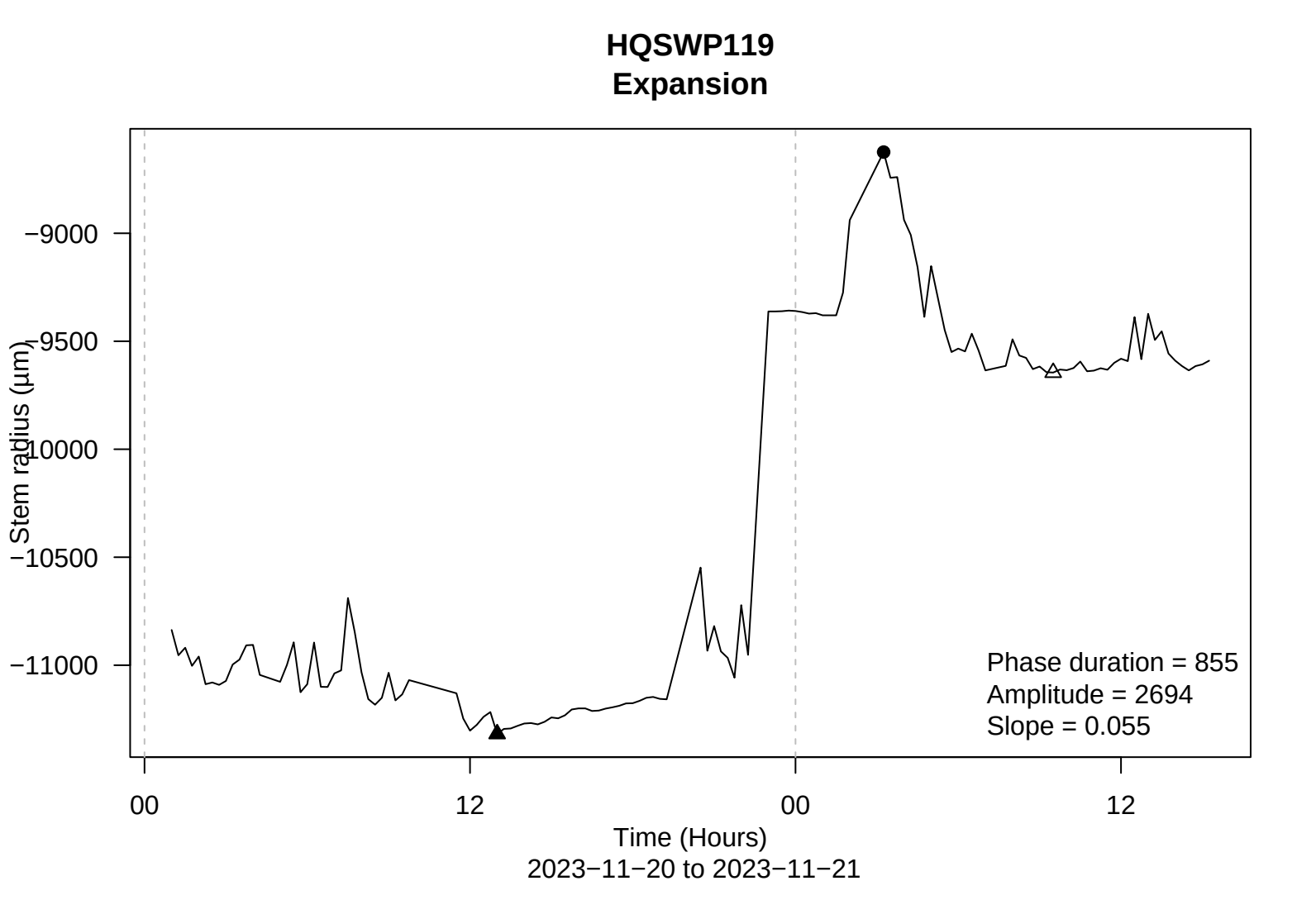

HQSWP119
Shrinkage
−10000
−10500
−11000
−11500
Stem radius (µm)
Phase duration = 330
Amplitude = −1491
Slope = −0.0822
12
00
12
Time (Hours)
2023−11−17 to 2023−11−18

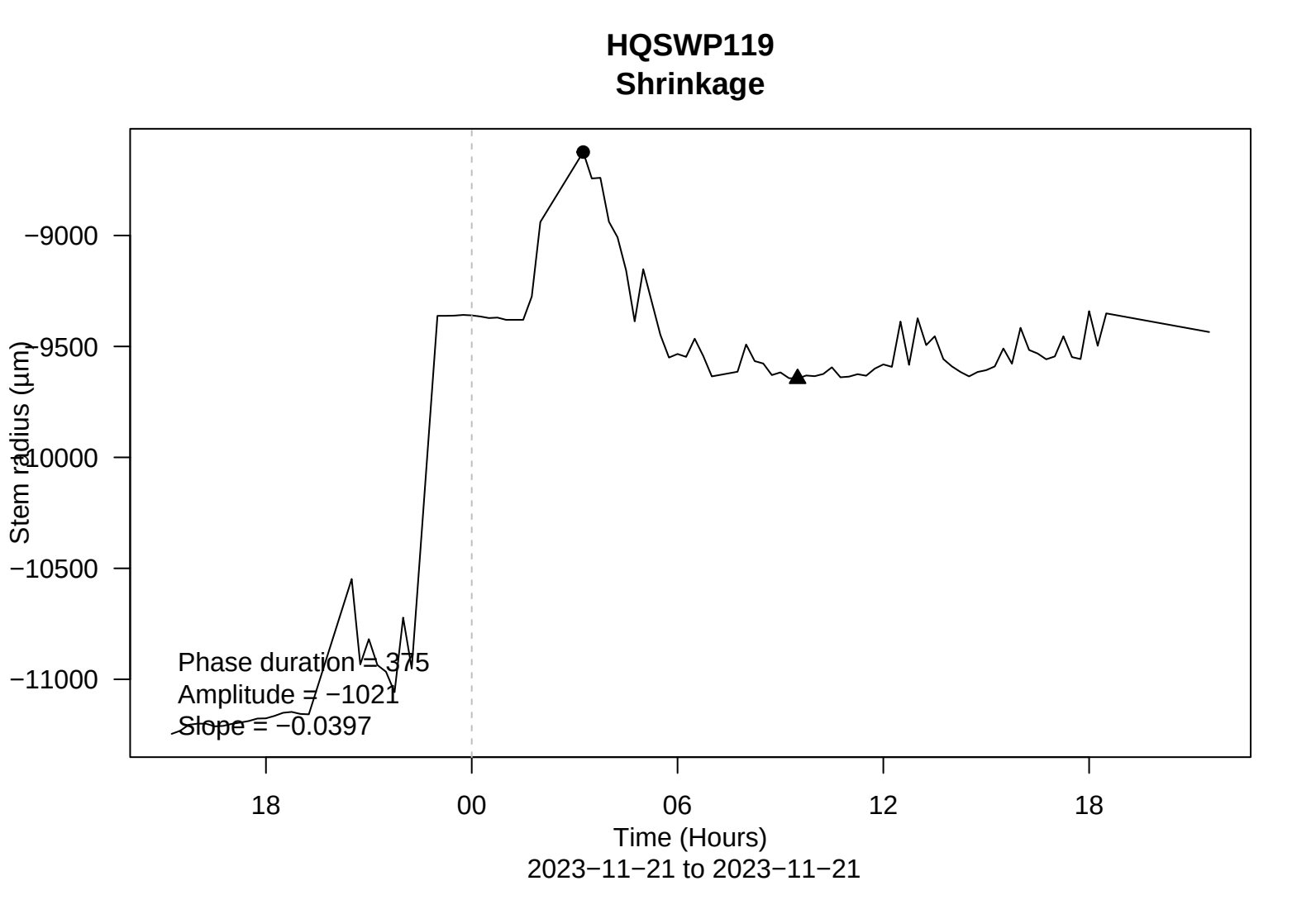

HQSWP119
Expansion
−10000
−10500
−11000
−11500
Stem radius (µm)
Phase duration = 1230
Amplitude = 2087
Slope = 0.0229
12
00
12
00
Time (Hours)
2023−11−18 to 2023−11−18

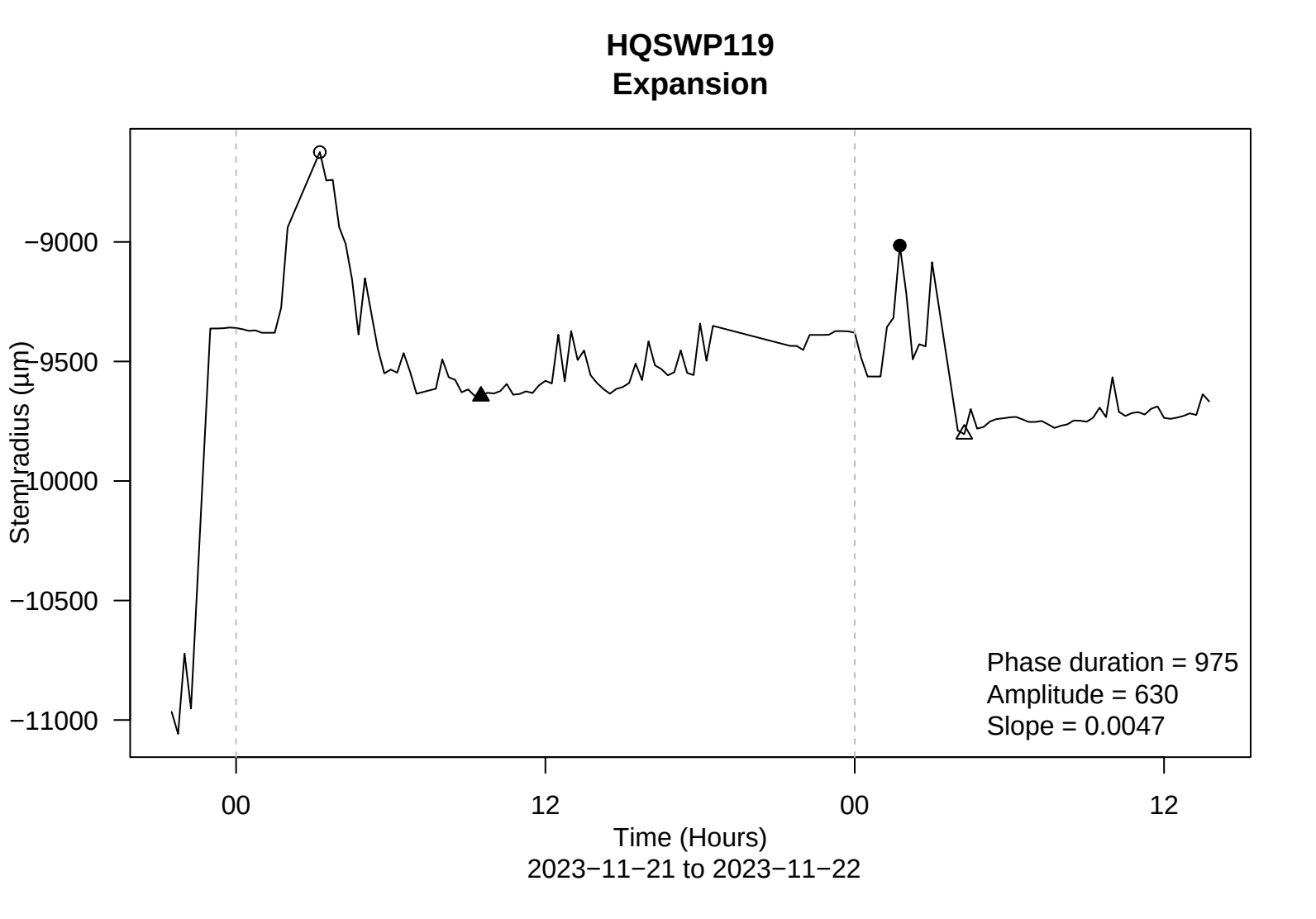

HQSWP119
Shrinkage
−9800
−10000
−10200
−10400
−10600
−10800
−11000
−11200
Stem radius (µm)
Phase duration = 795
Amplitude = −1415
Slope = −0.0221
12
00
12
Time (Hours)
2023−11−18 to 2023−11−19

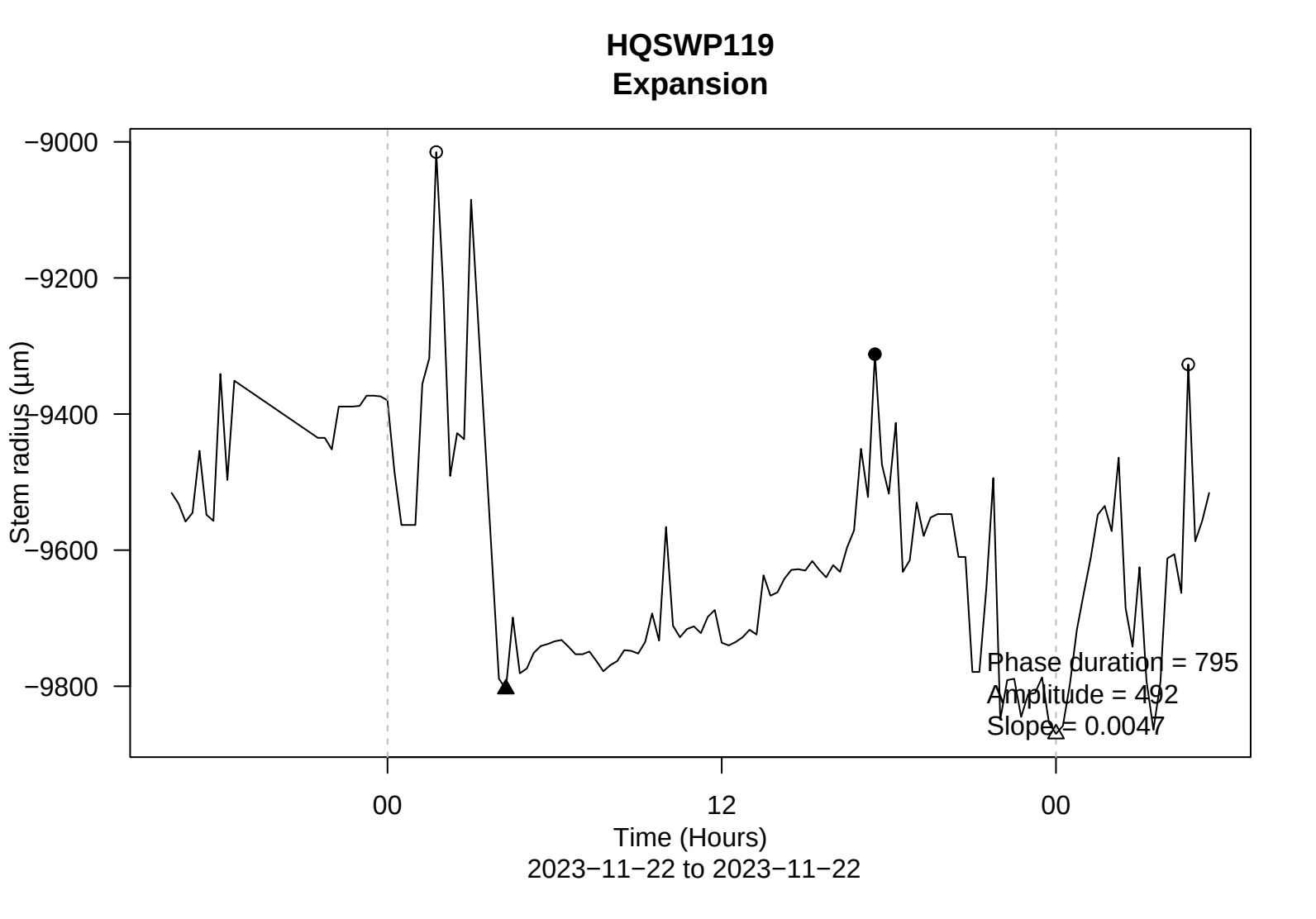

HQSWP119
Expansion
−10000
−10200
−10400
−10600
−10800
−11000
−11200
Stem radius (µm)
Phase duration = 615
Amplitude = 1104
Slope = 0.0271
00
12
00
Time (Hours)
2023−11−19 to 2023−11−19

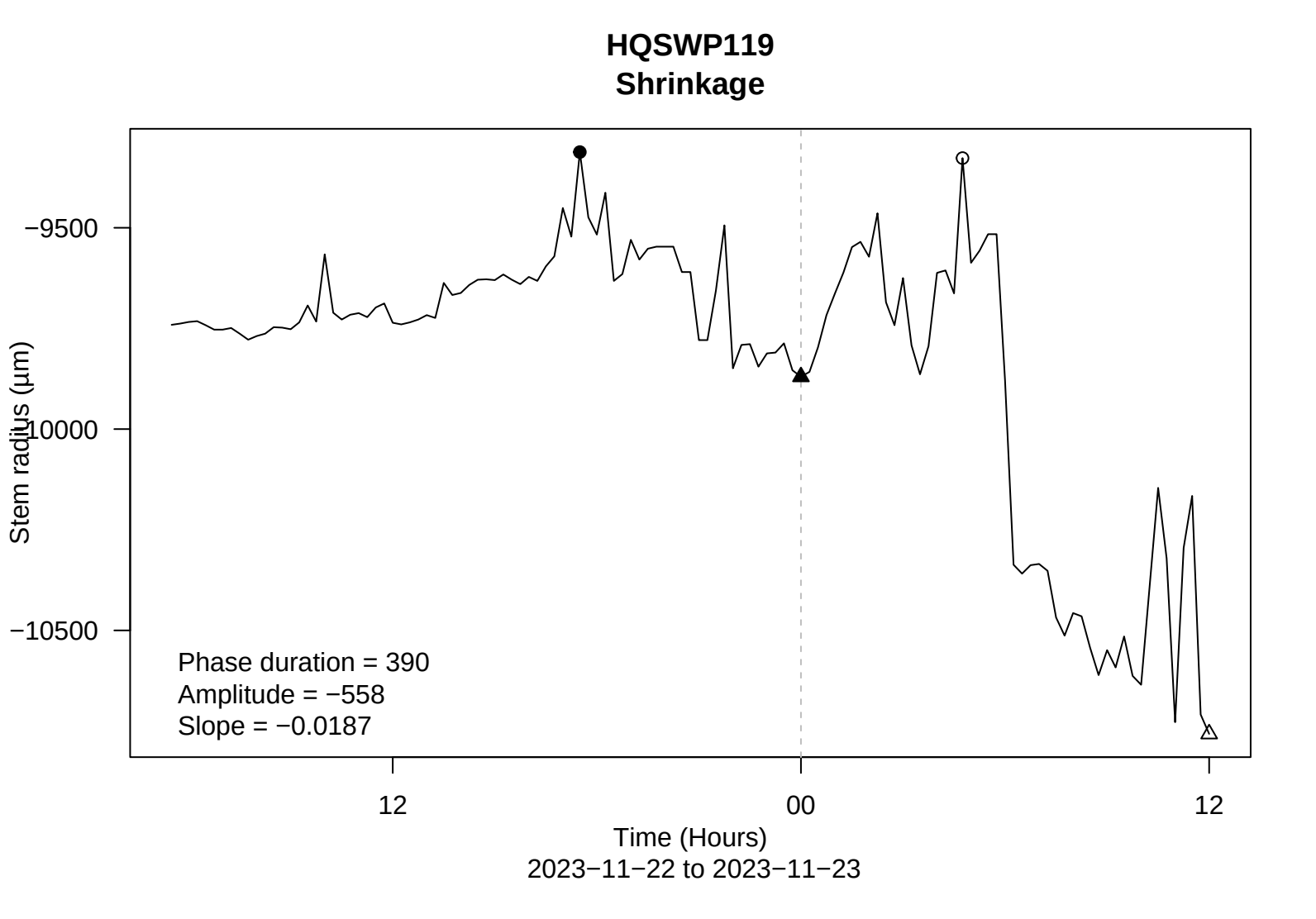

HQSWP119
Shrinkage
−9500
−10000
−10500
−11000
Stem radius (µm)
Phase duration = 900
Amplitude = −1249
Slope = −0.0153
12
00
12
00
Time (Hours)
2023−11−19 to 2023−11−20

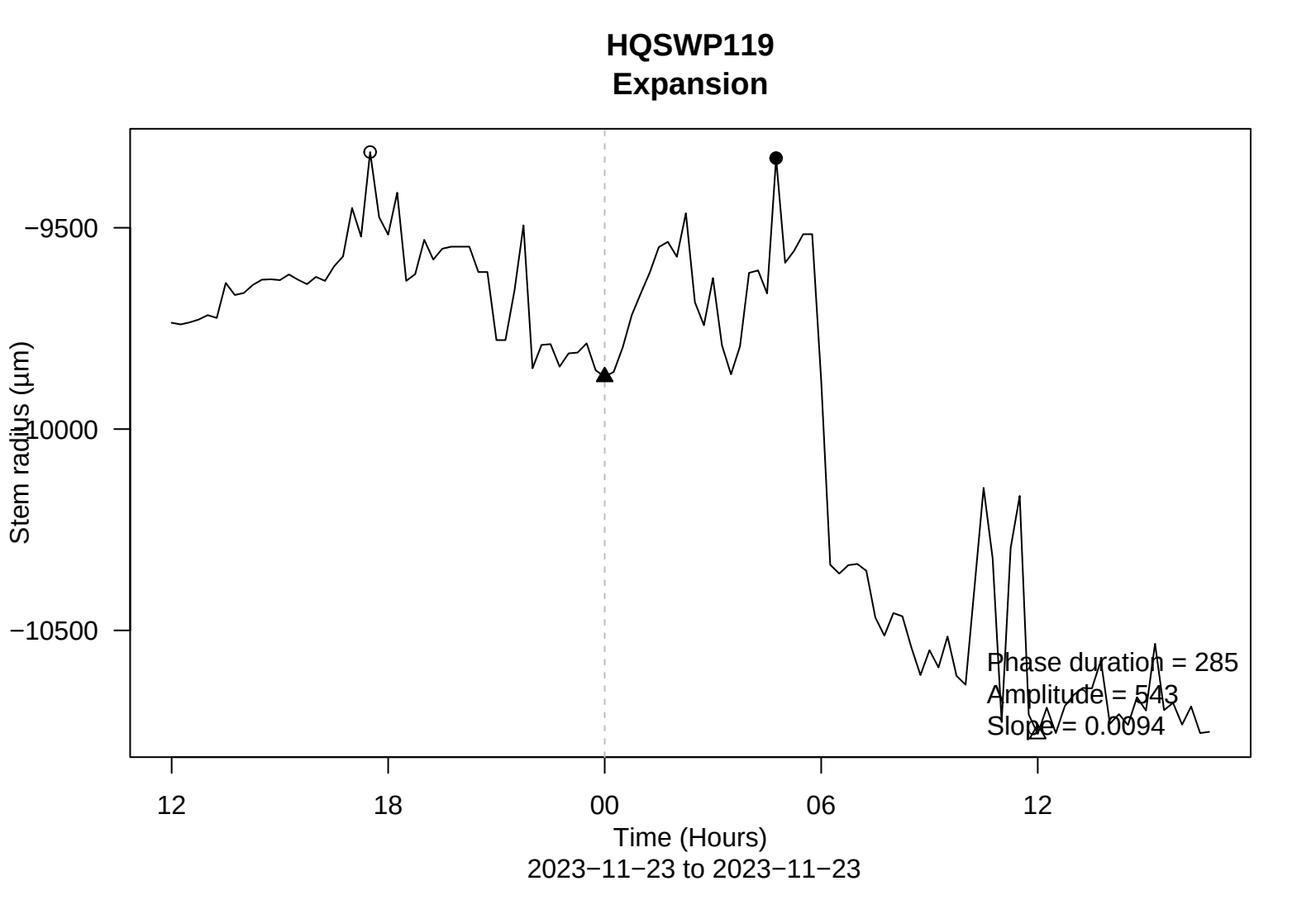

HQSWP119
Expansion
−9000
−9500
−10000
−10500
−11000
Stem radius (µm)
Phase duration = 855
Amplitude = 2694
Slope = 0.055
00
12
00
12
Time (Hours)
2023−11−20 to 2023−11−21

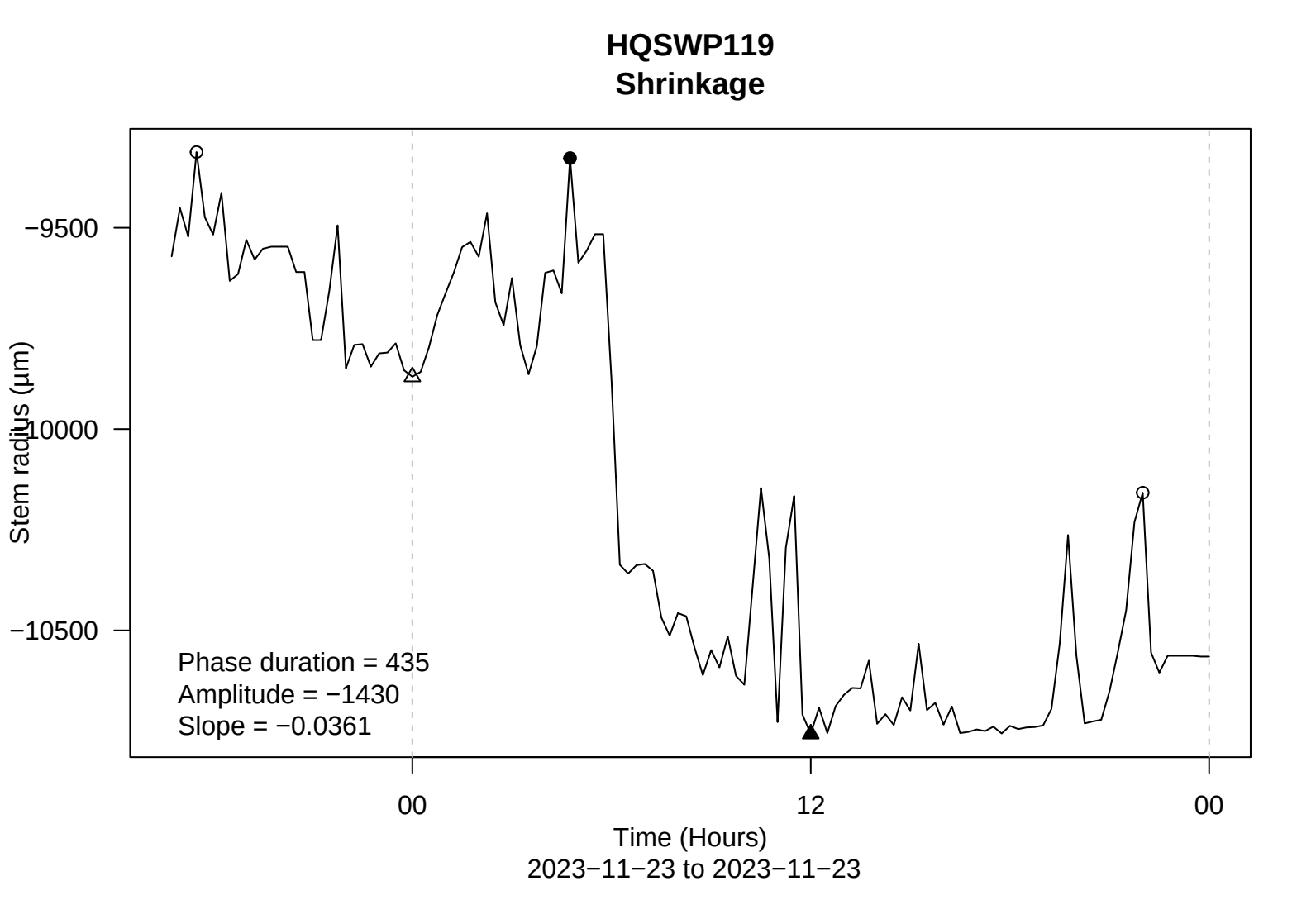

HQSWP119
Shrinkage
−9000
−9500
−10000
−10500
−11000
Stem radius (µm)
Phase duration = 375
Amplitude = −1021
Slope = −0.0397
18
00
06
12
18
Time (Hours)
2023−11−21 to 2023−11−21

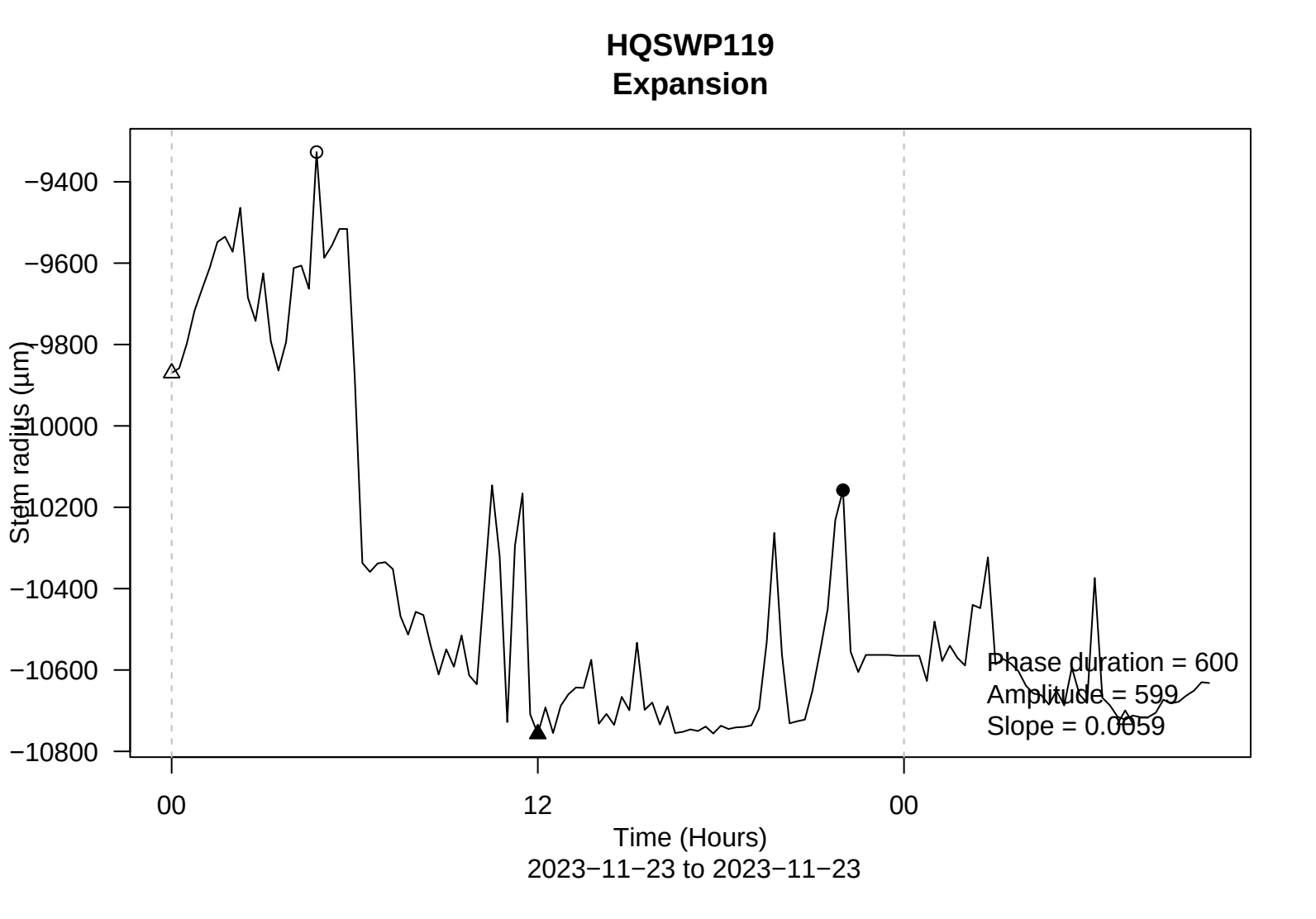

HQSWP119
Expansion
−9000
−9500
−10000
−10500
−11000
Stem radius (µm)
00
12
00
12
Time (Hours)
2023−11−21 to 2023−11−22
Phase duration = 975
Amplitude = 630
Slope = 0.0047

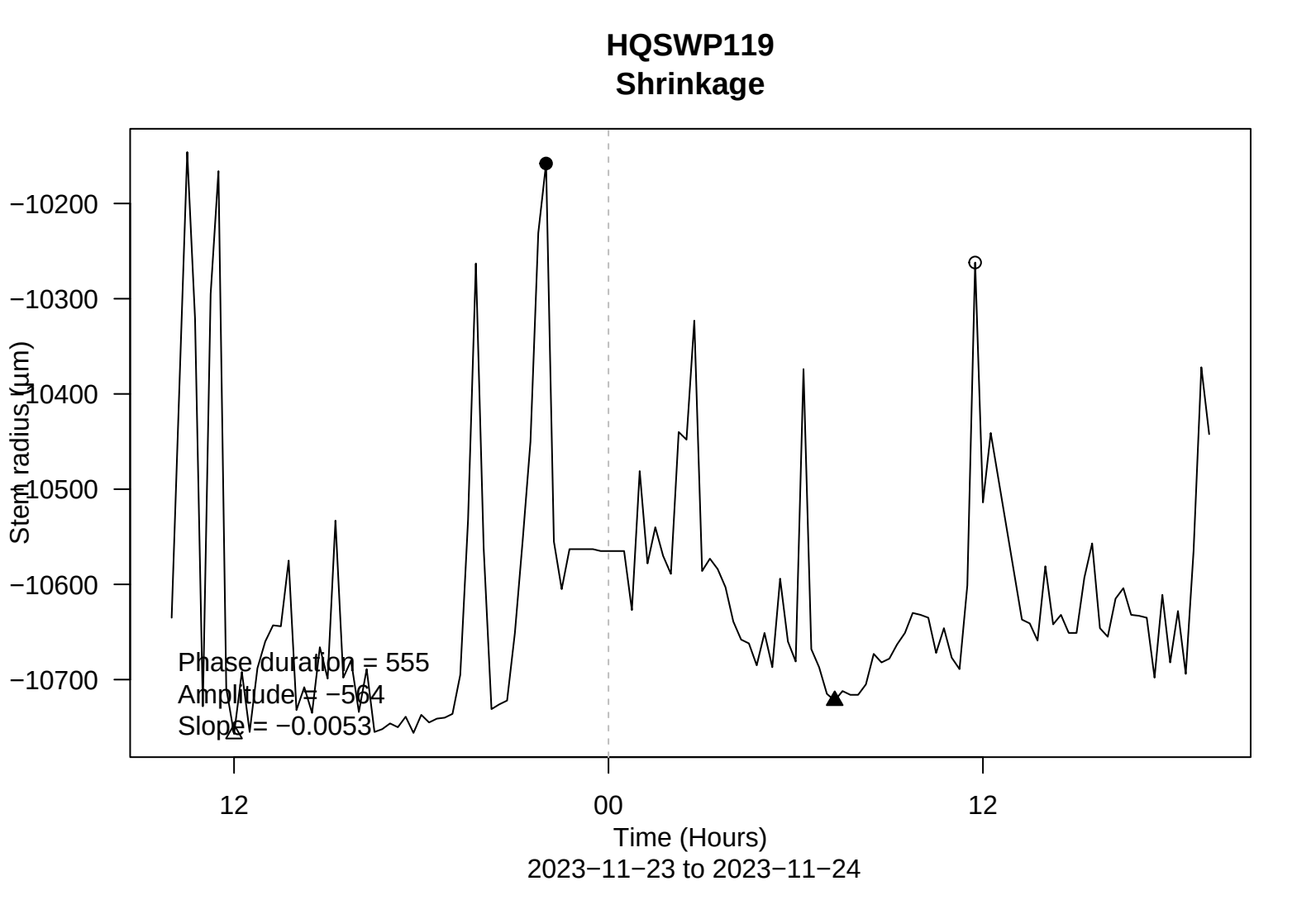

HQSWP119
Expansion
−9000
−9200
−9400
−9600
−9800
Stem radius (µm)
Phase duration = 795
Amplitude = 492
Slope = 0.0047
00
12
00
Time (Hours)
2023−11−22 to 2023−11−22

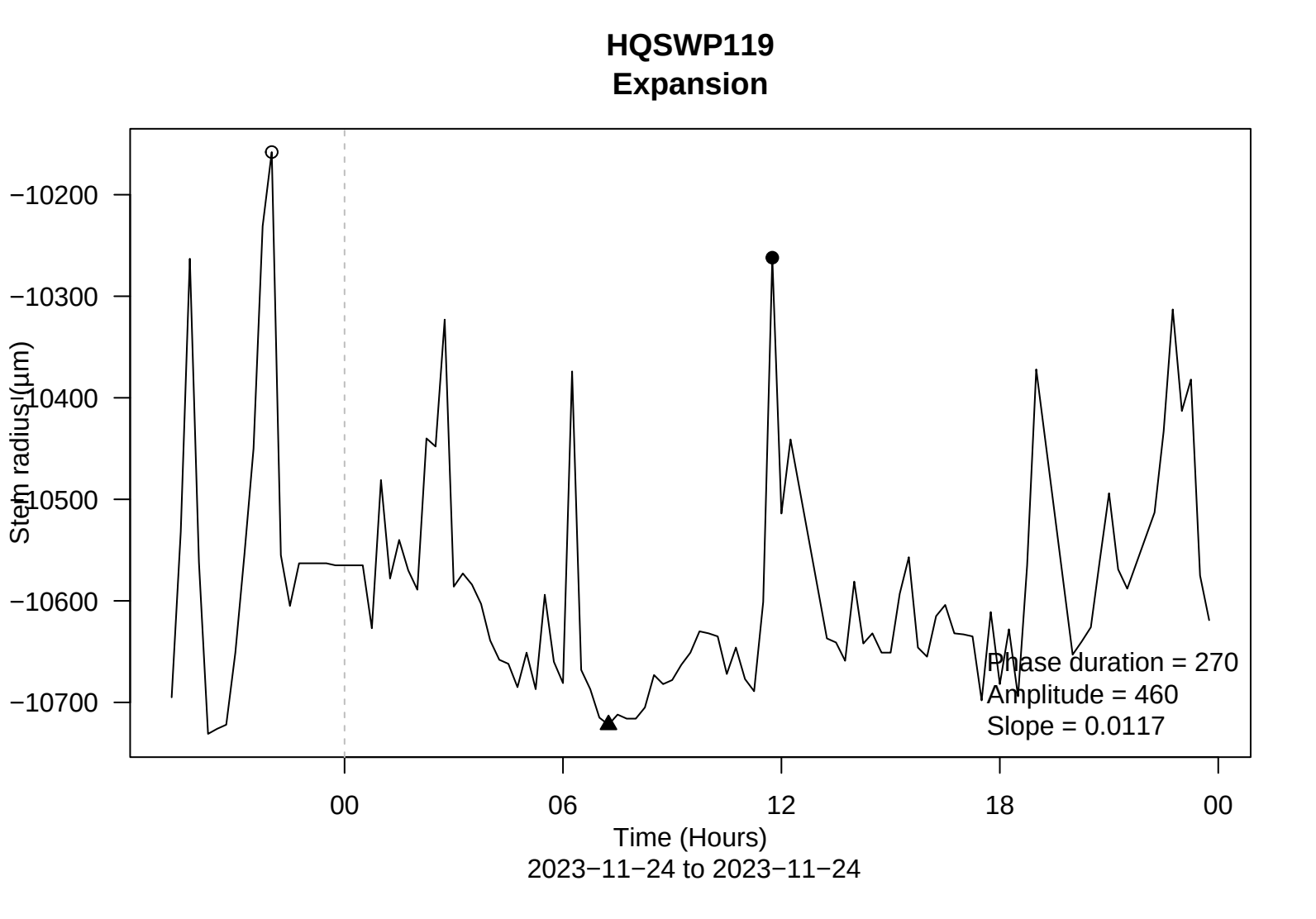

HQSWP119
Shrinkage
−9500
−10000
−10500
Stem radius (µm)
Phase duration = 390
Amplitude = −558
Slope = −0.0187
12
00
12
Time (Hours)
2023−11−22 to 2023−11−23

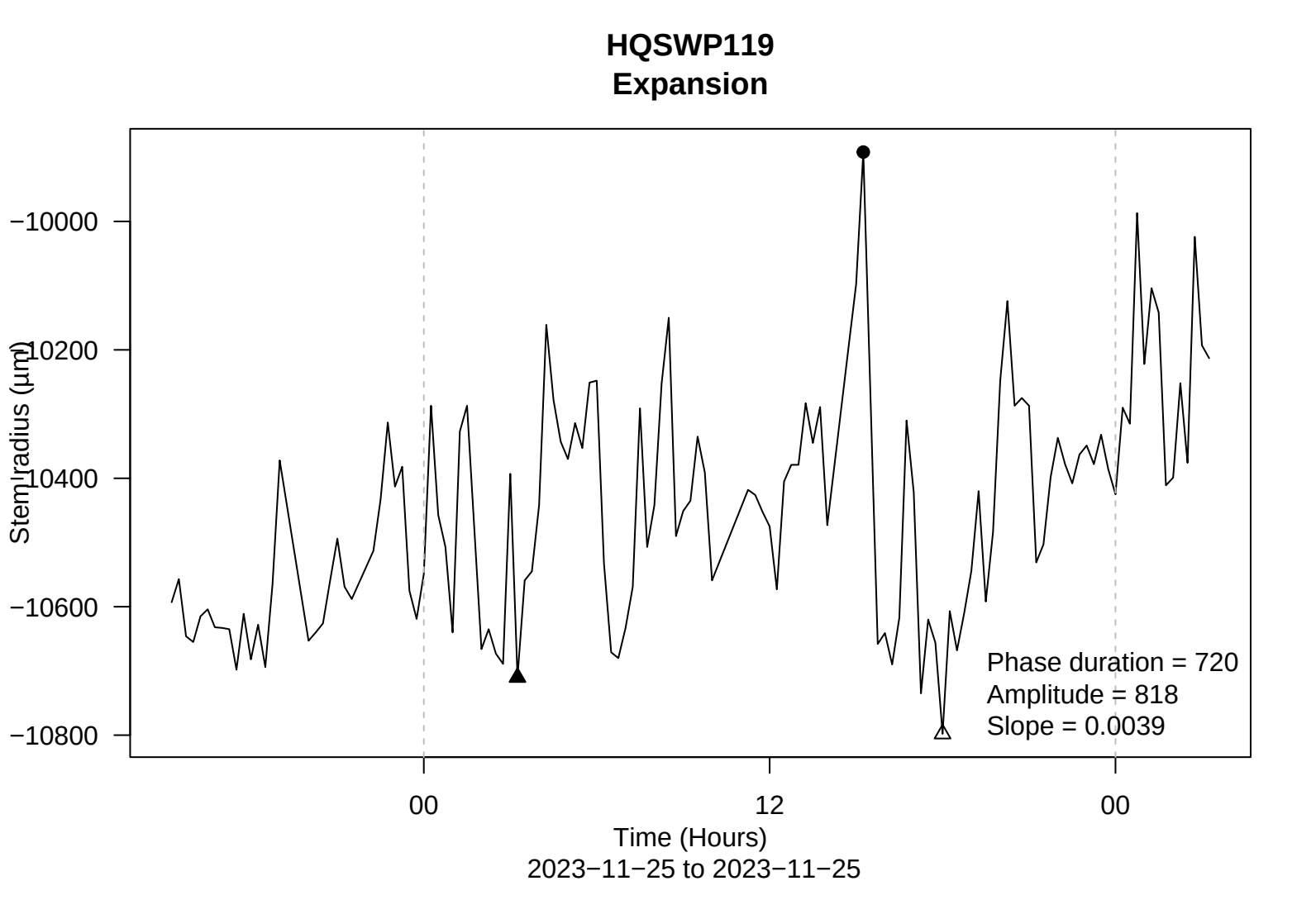

HQSWP119
Expansion
−9500
−10000
−10500
Stem radius (µm)
Phase duration = 285
Amplitude = 543
Slope = 0.0094
12
18
00
06
12
Time (Hours)
2023−11−23 to 2023−11−23

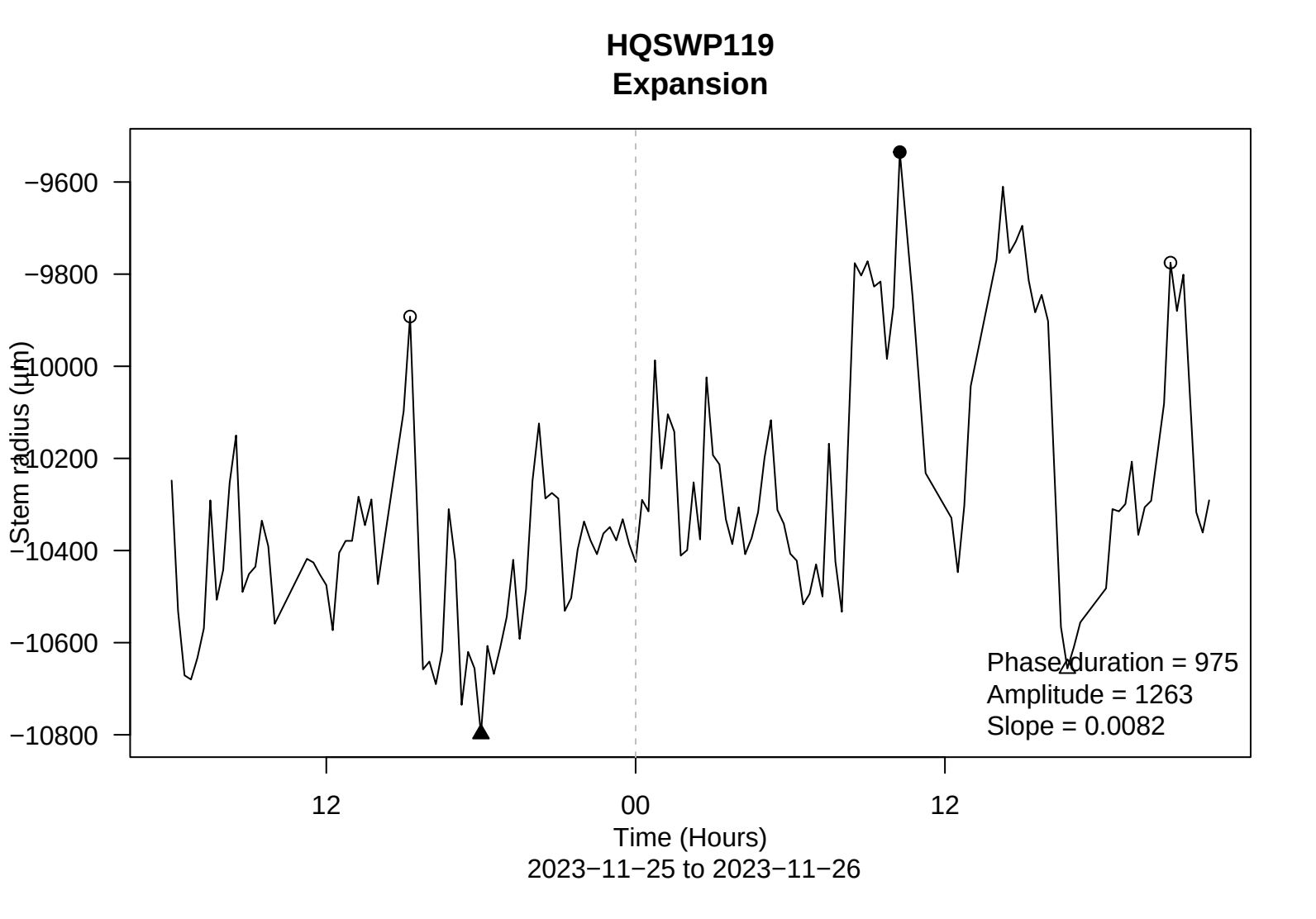

HQSWP119
Shrinkage
−9500
−10000
−10500
Stem radius (µm)
Phase duration = 435
Amplitude = −1430
Slope = −0.0361
00
12
00
Time (Hours)
2023−11−23 to 2023−11−23

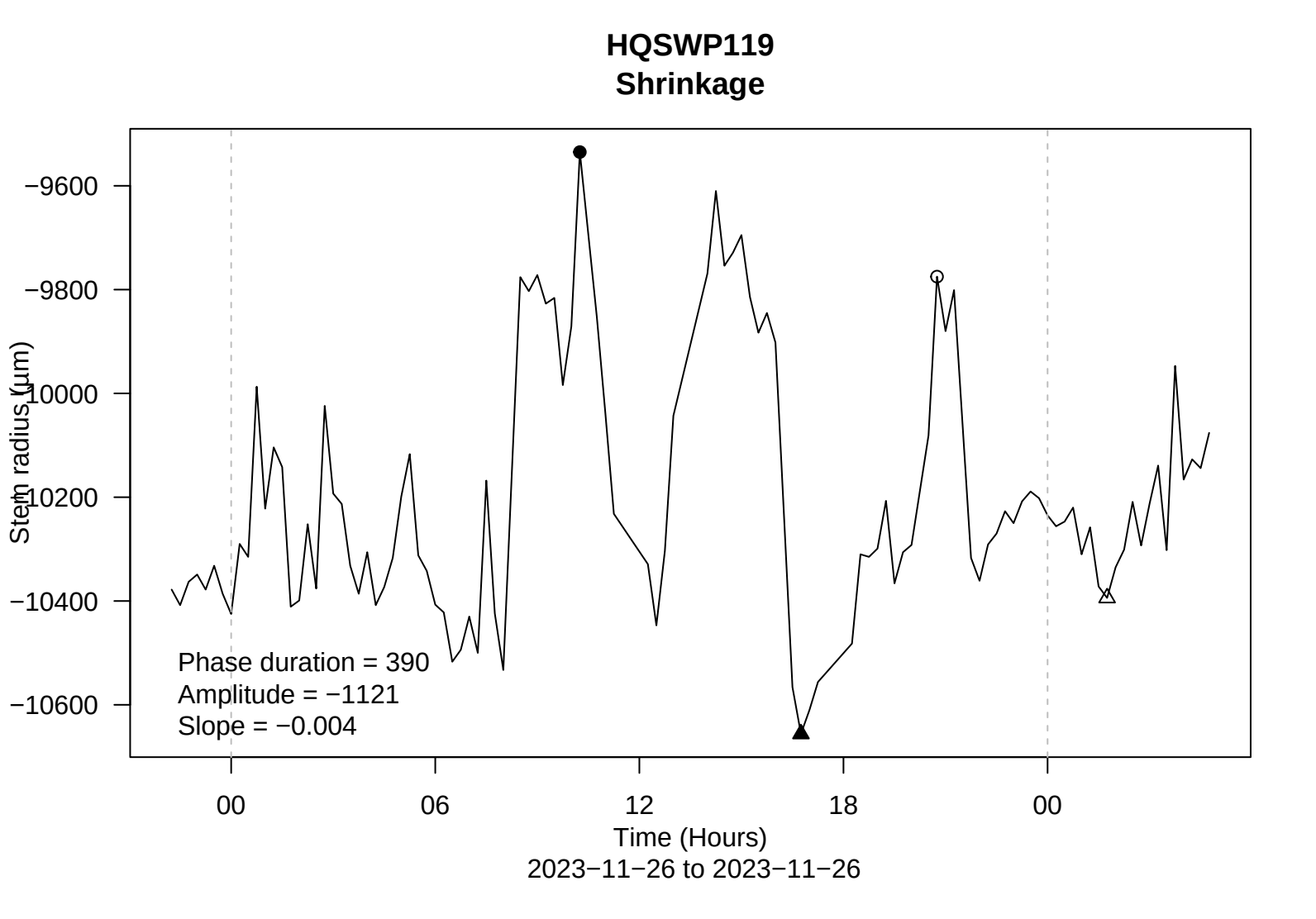

HQSWP119
Expansion
−9400
−9600
−9800
−10000
−10200
−10400
−10600
−10800
Stem radius (µm)
Phase duration = 600
Amplitude = 599
Slope = 0.0059
00
12
00
Time (Hours)
2023−11−23 to 2023−11−23

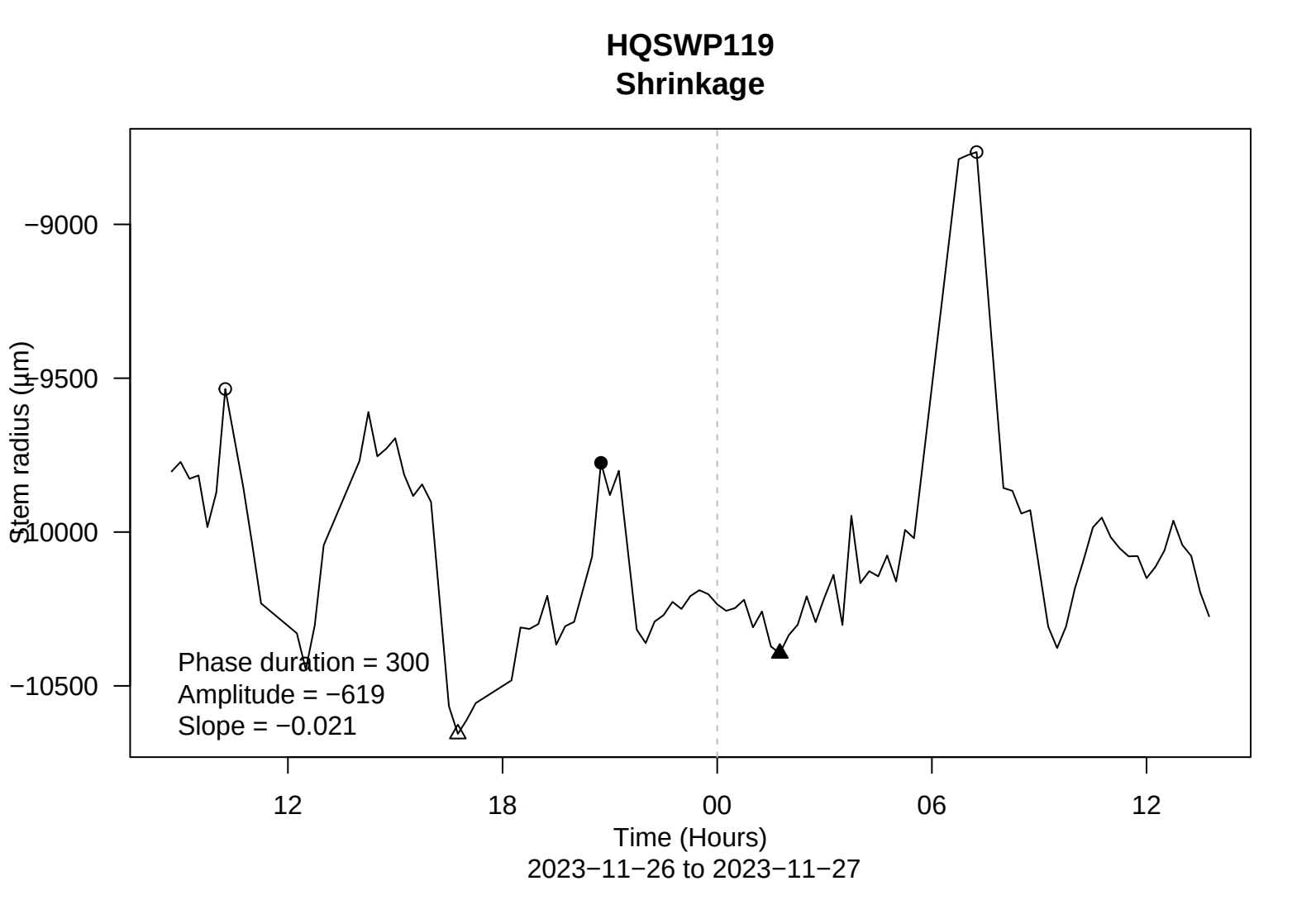

HQSWP119
Shrinkage
Stem radius (µm)
−10200
−10300
−10400
−10500
−10600
−10700
Phase duration = 555
Amplitude = −564
Slope = −0.0053
12
00
12
Time (Hours)
2023−11−23 to 2023−11−24

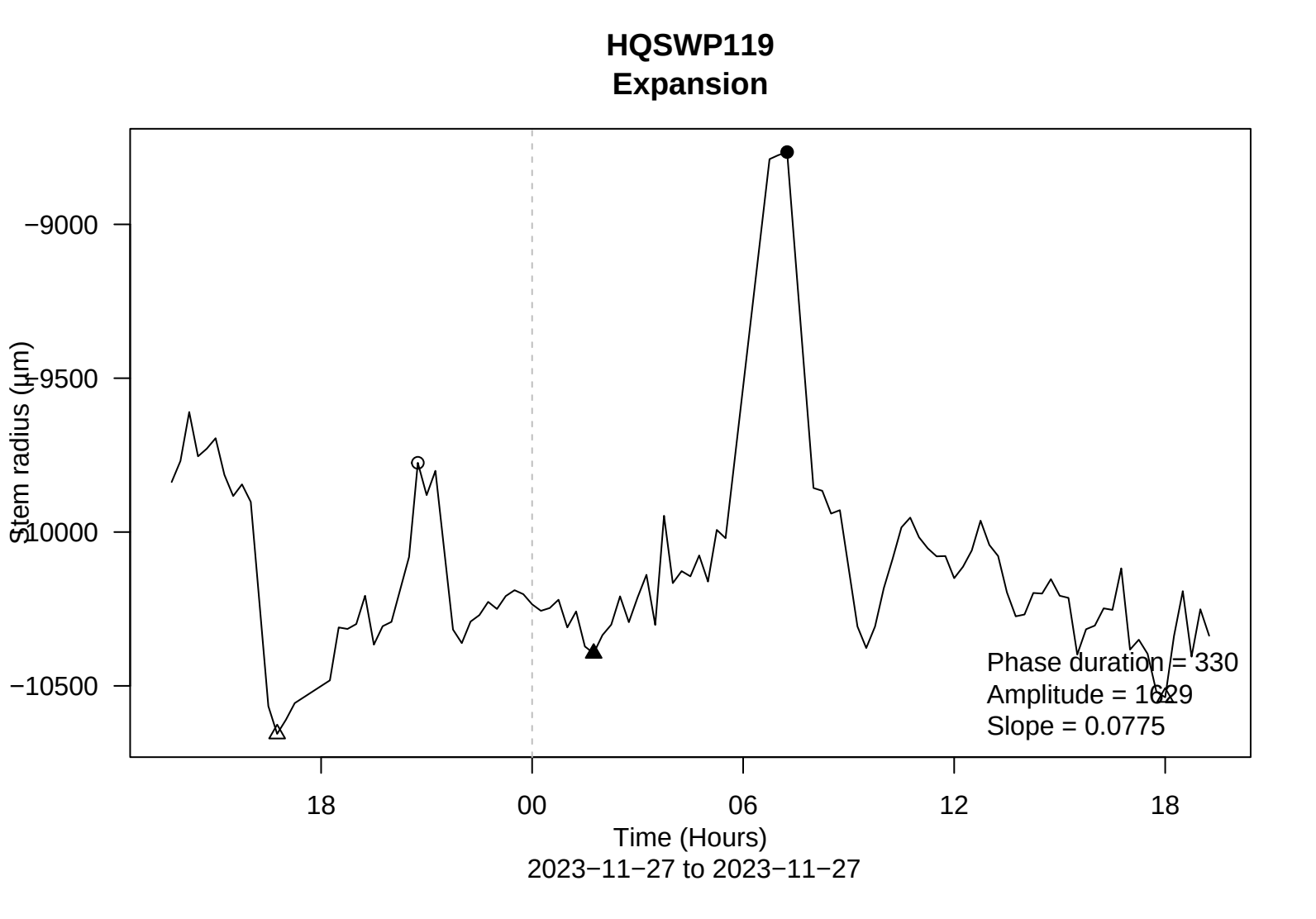

HQSWP119
Expansion
−10200
−10300
−10400
−10500
−10600
−10700
Stem radius (µm)
Phase duration = 270
Amplitude = 460
Slope = 0.0117
00
06
12
18
00
Time (Hours)
2023−11−24 to 2023−11−24

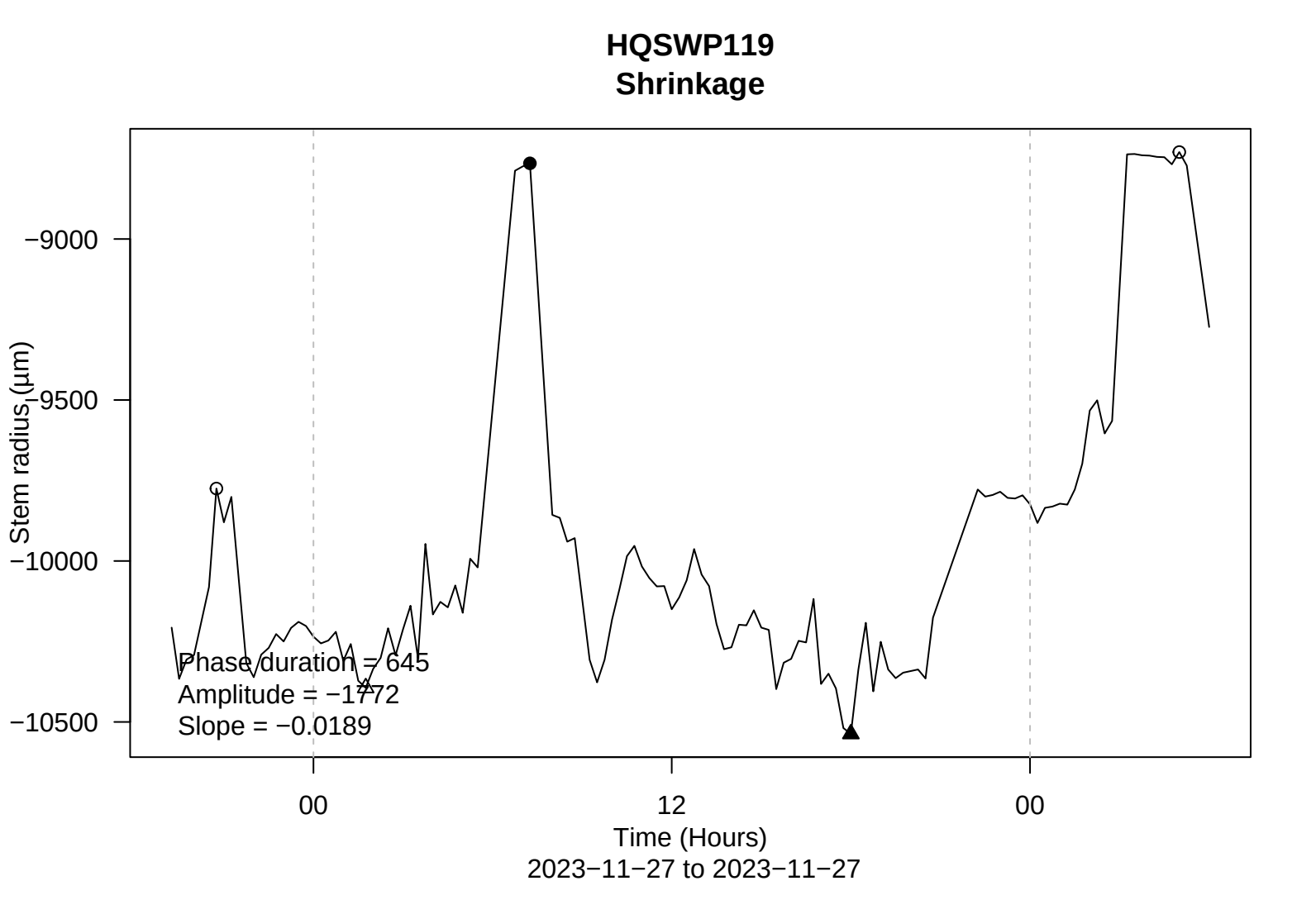

HQSWP119
Expansion
−10000
−10200
−10400
−10600
−10800
Stem radius (µm)
Phase duration = 720
Amplitude = 818
Slope = 0.0039
00
12
00
Time (Hours)
2023−11−25 to 2023−11−25

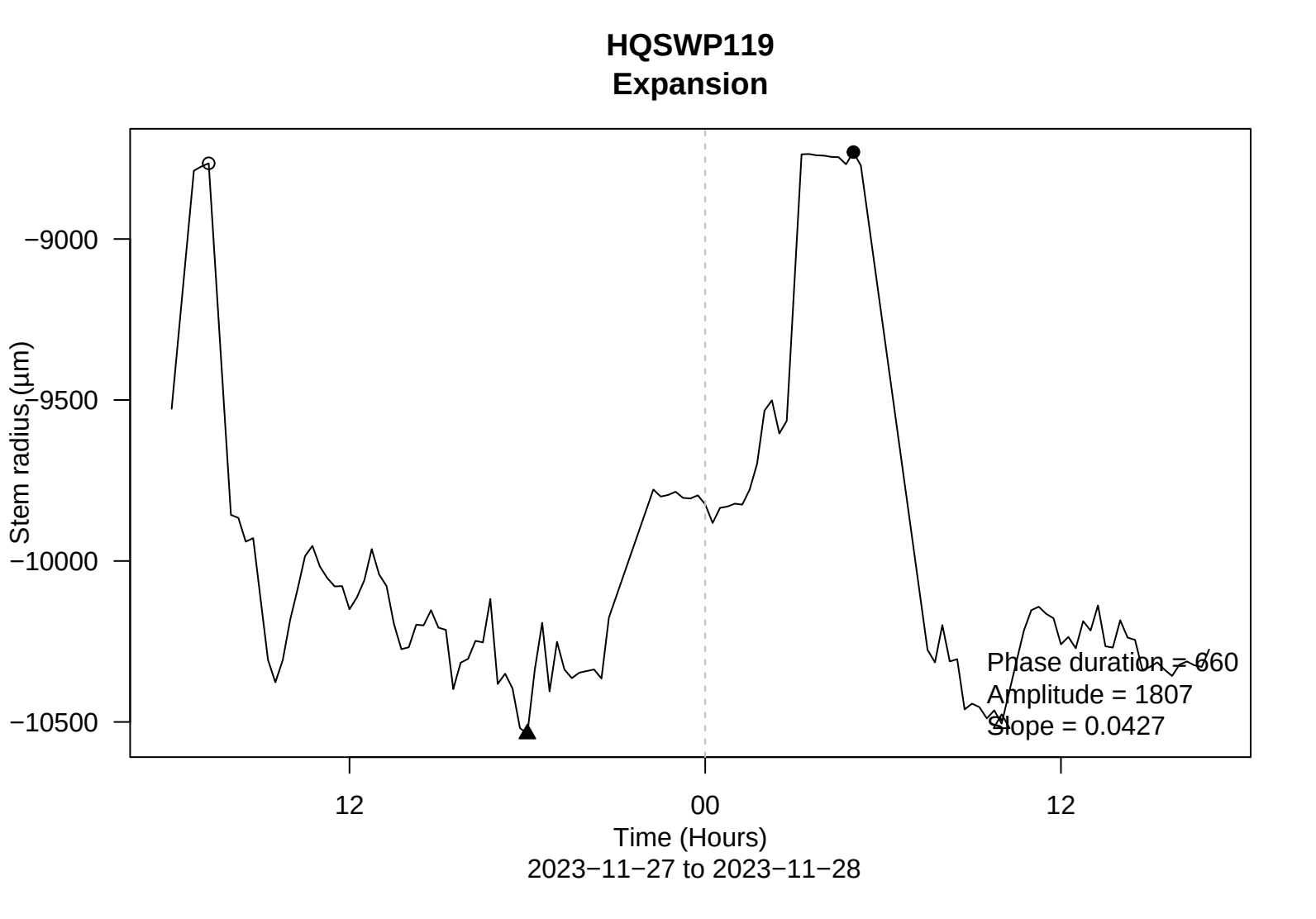

HQSWP119
Expansion
−9600
−9800
−10000
−10200
−10400
−10600
−10800
Stem radius (µm)
12
00
12
Time (Hours)
2023−11−25 to 2023−11−26
Phase duration = 975
Amplitude = 1263
Slope = 0.0082

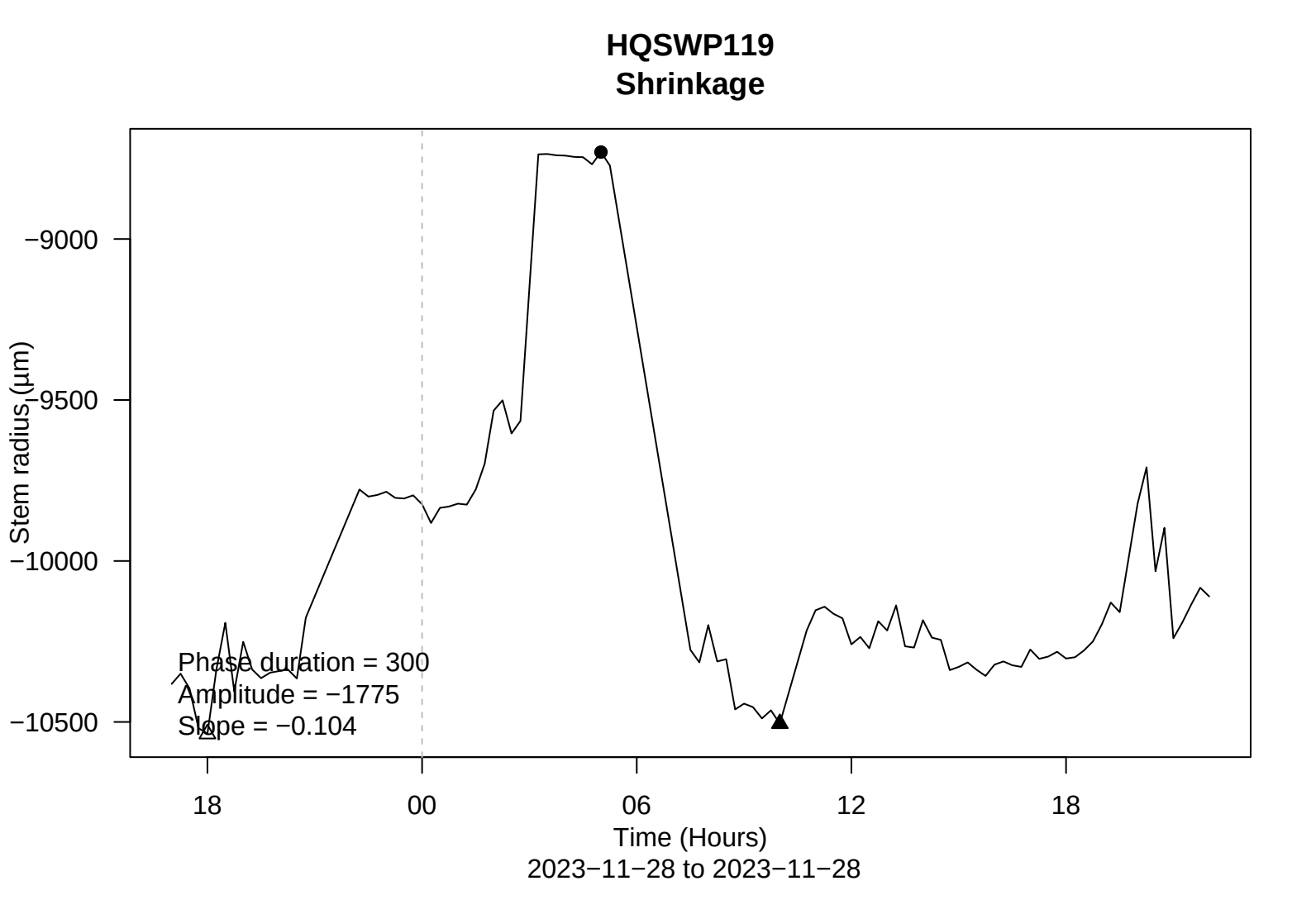

HQSWP119
Shrinkage
−9600
−9800
−10000
−10200
−10400
−10600
Stem radius (µm)
Phase duration = 390
Amplitude = −1121
Slope = −0.004
00
06
12
18
00
Time (Hours)
2023−11−26 to 2023−11−26

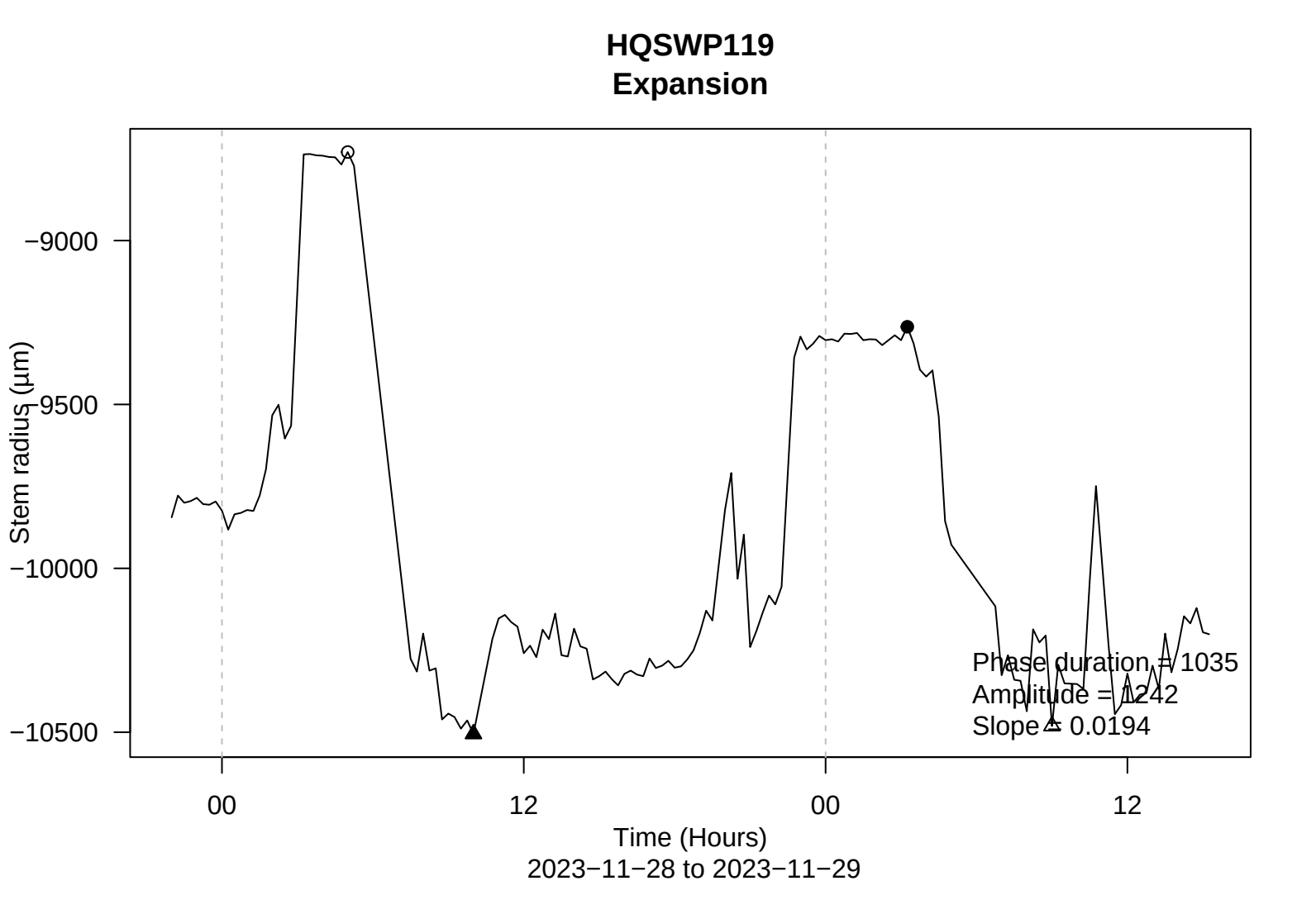

HQSWP119
Shrinkage
−9000
−9500
−10000
−10500
Stem radius (µm)
Phase duration = 300
Amplitude = −619
Slope = −0.021
12
18
00
06
12
Time (Hours)
2023−11−26 to 2023−11−27

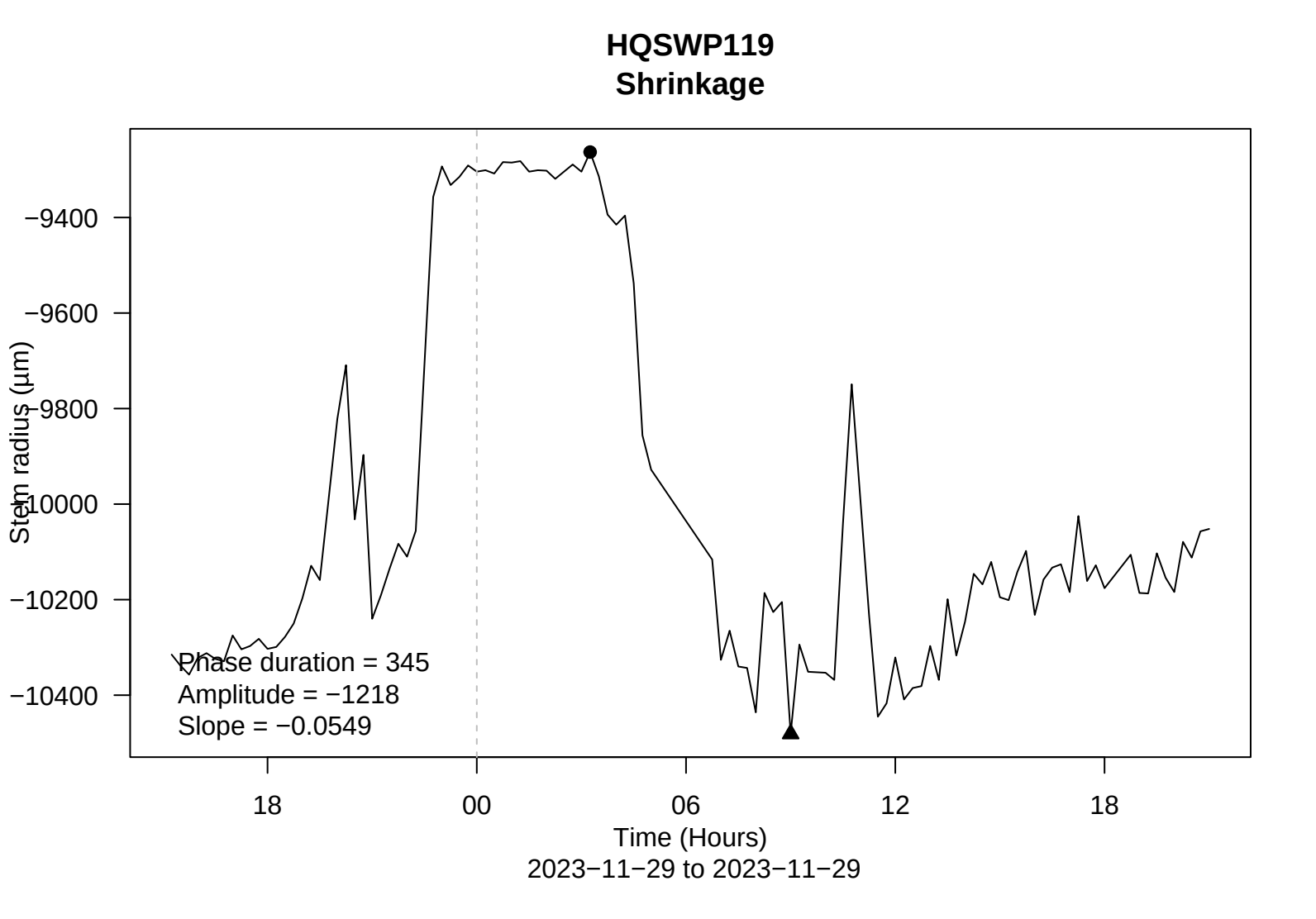

HQSWP119
Expansion
−9000
−9500
−10000
−10500
Stem radius (µm)
18
00
06
12
18
Time (Hours)
2023−11−27 to 2023−11−27
Phase duration = 330
Amplitude = 1629
Slope = 0.0775

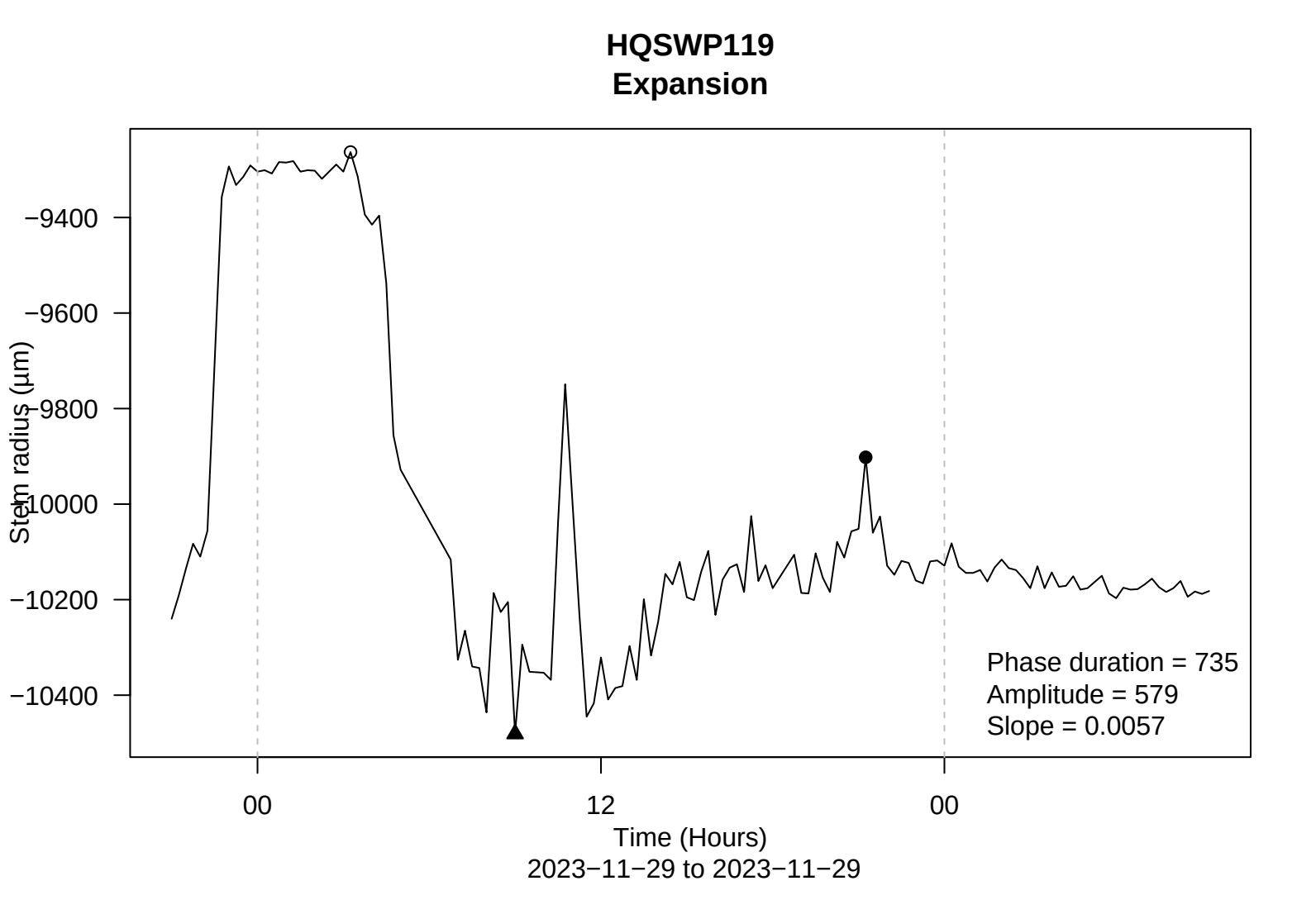

HQSWP119
Shrinkage
−9000
−9500
−10000
−10500
Stem radius (µm)
Phase duration = 645
Amplitude = −1772
Slope = −0.0189
00
12
00
Time (Hours)
2023−11−27 to 2023−11−27

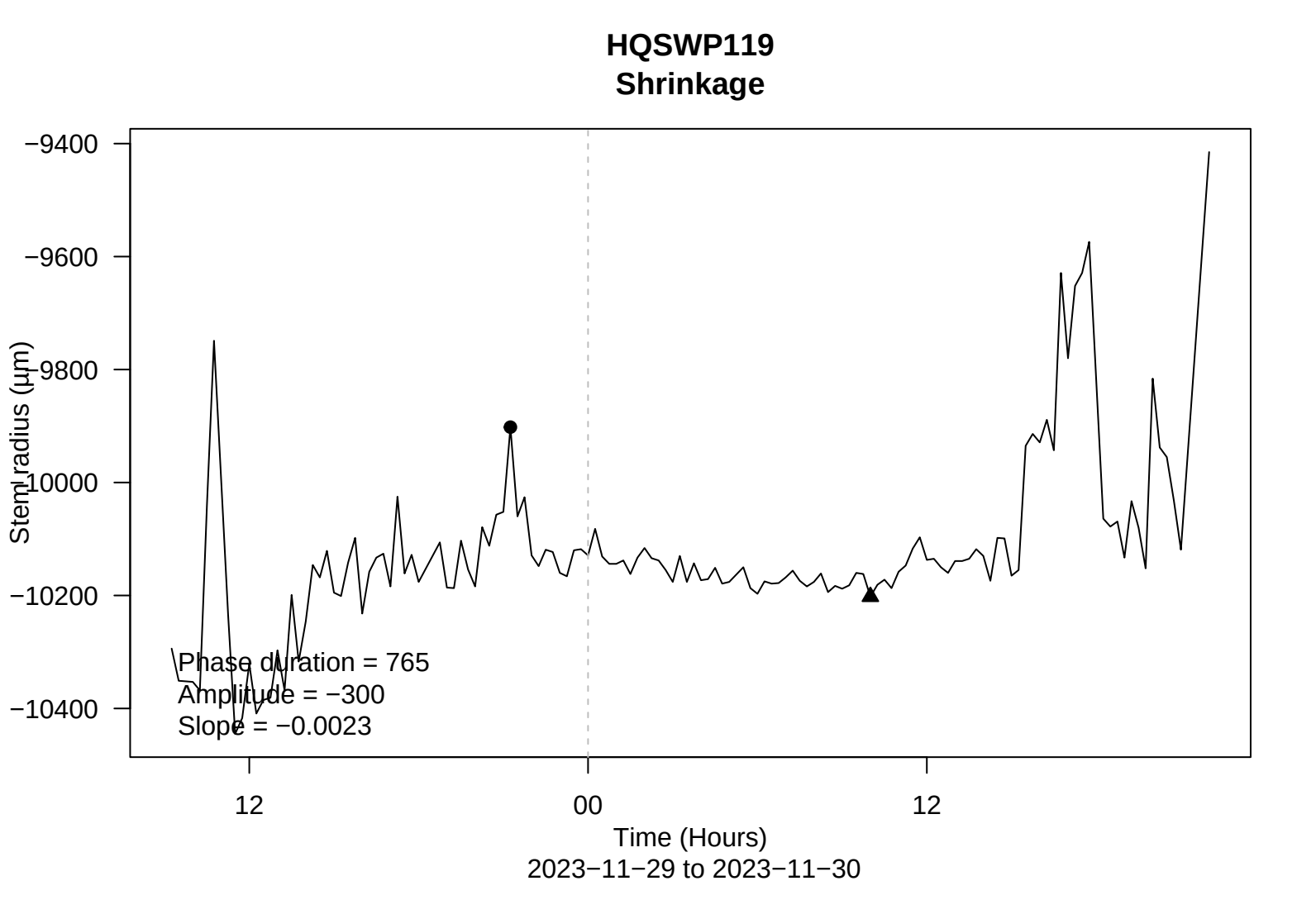

HQSWP119
Expansion
−9000
−9500
−10000
−10500
Stem radius (µm)
Phase duration = 660
Amplitude = 1807
Slope = 0.0427
12
00
12
Time (Hours)
2023−11−27 to 2023−11−28

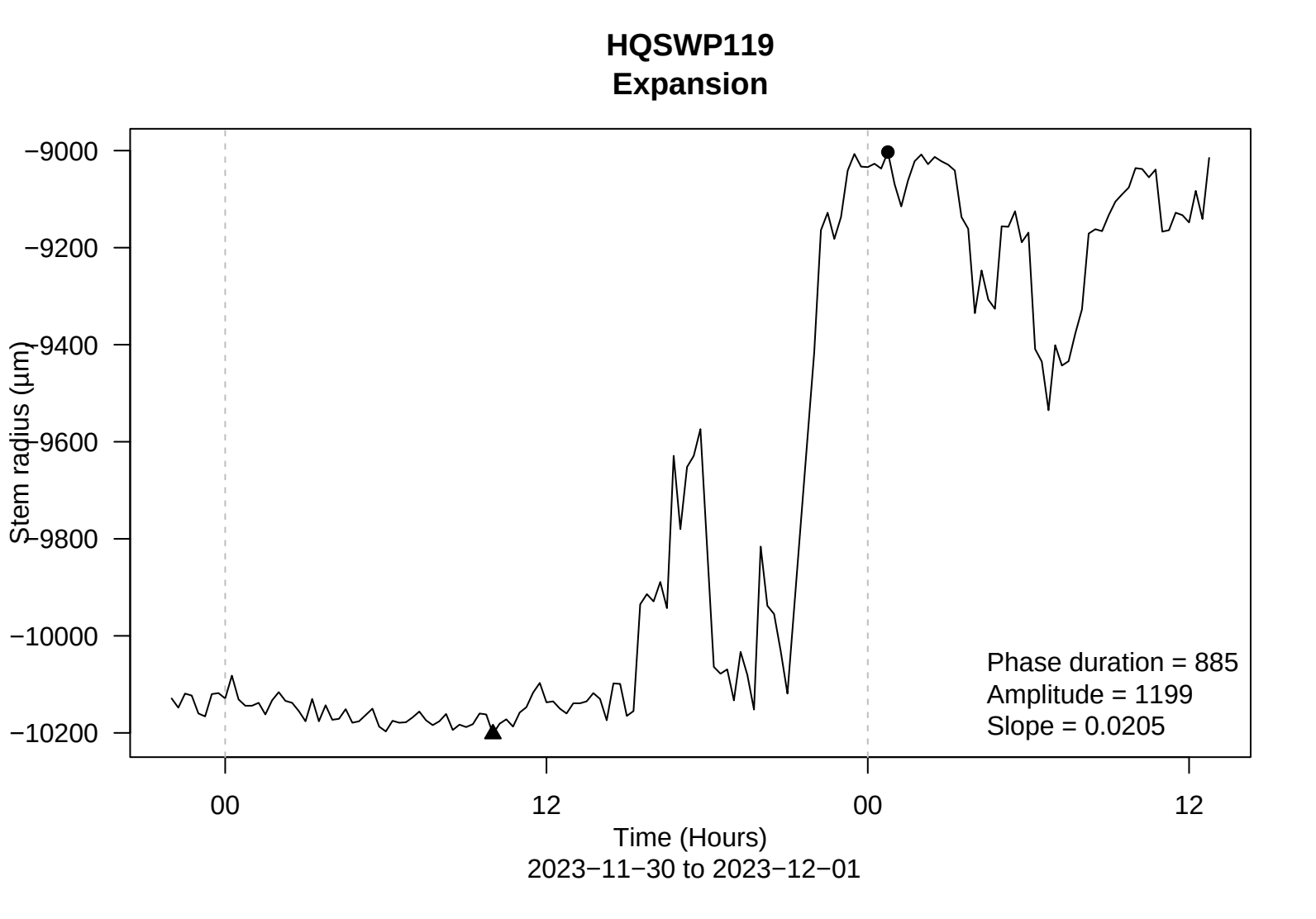

HQSWP119
Shrinkage
−9000
−9500
−10000
−10500
Stem radius (µm)
Phase duration = 300
Amplitude = −1775
Slope = −0.104
18
00
06
12
18
Time (Hours)
2023−11−28 to 2023−11−28

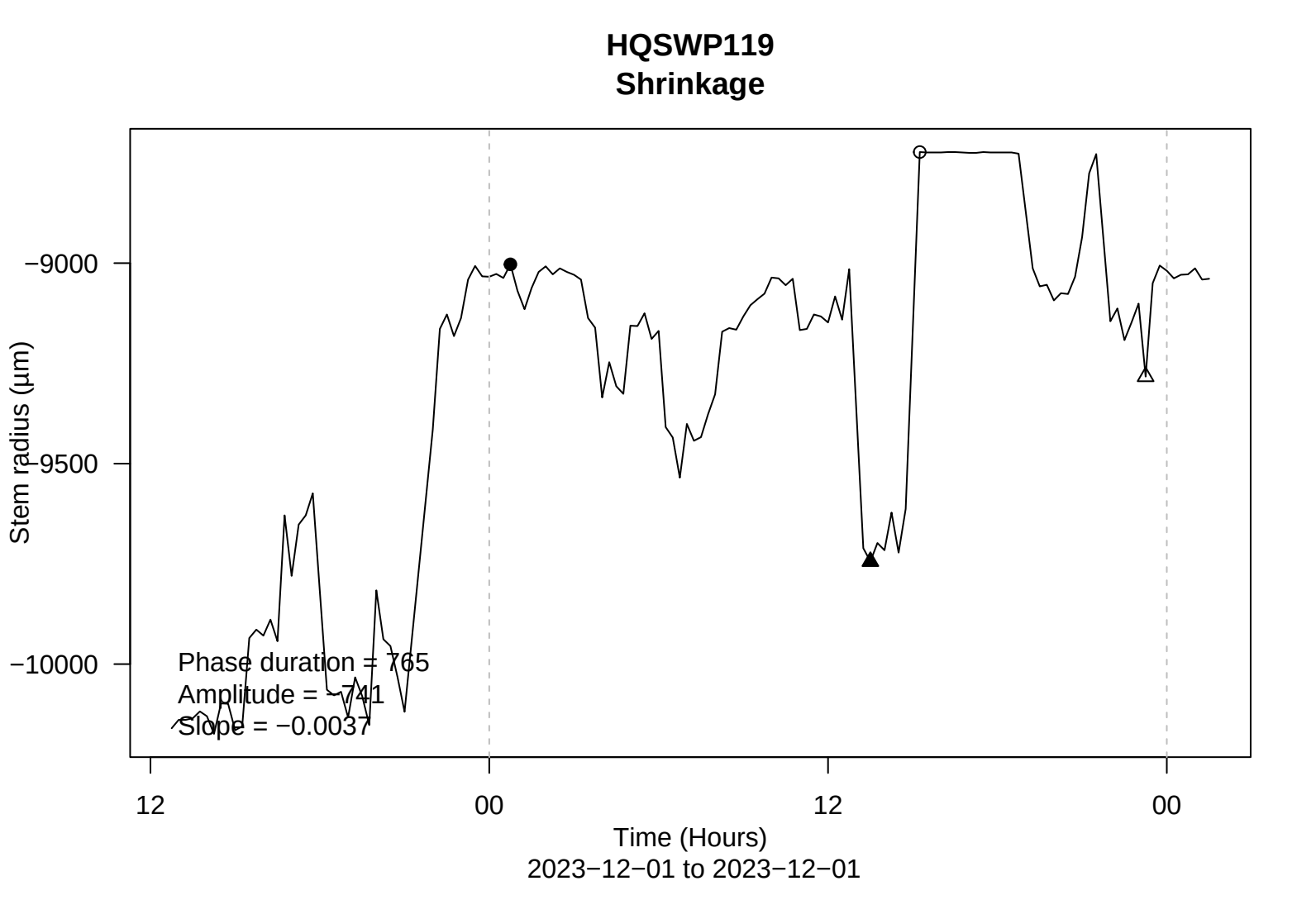

HQSWP119
Expansion
−9000
−9500
−10000
−10500
Stem radius (µm)
00
12
00
12
Time (Hours)
2023−11−28 to 2023−11−29
Phase duration = 1035
Amplitude = 1242
Slope = 0.0194

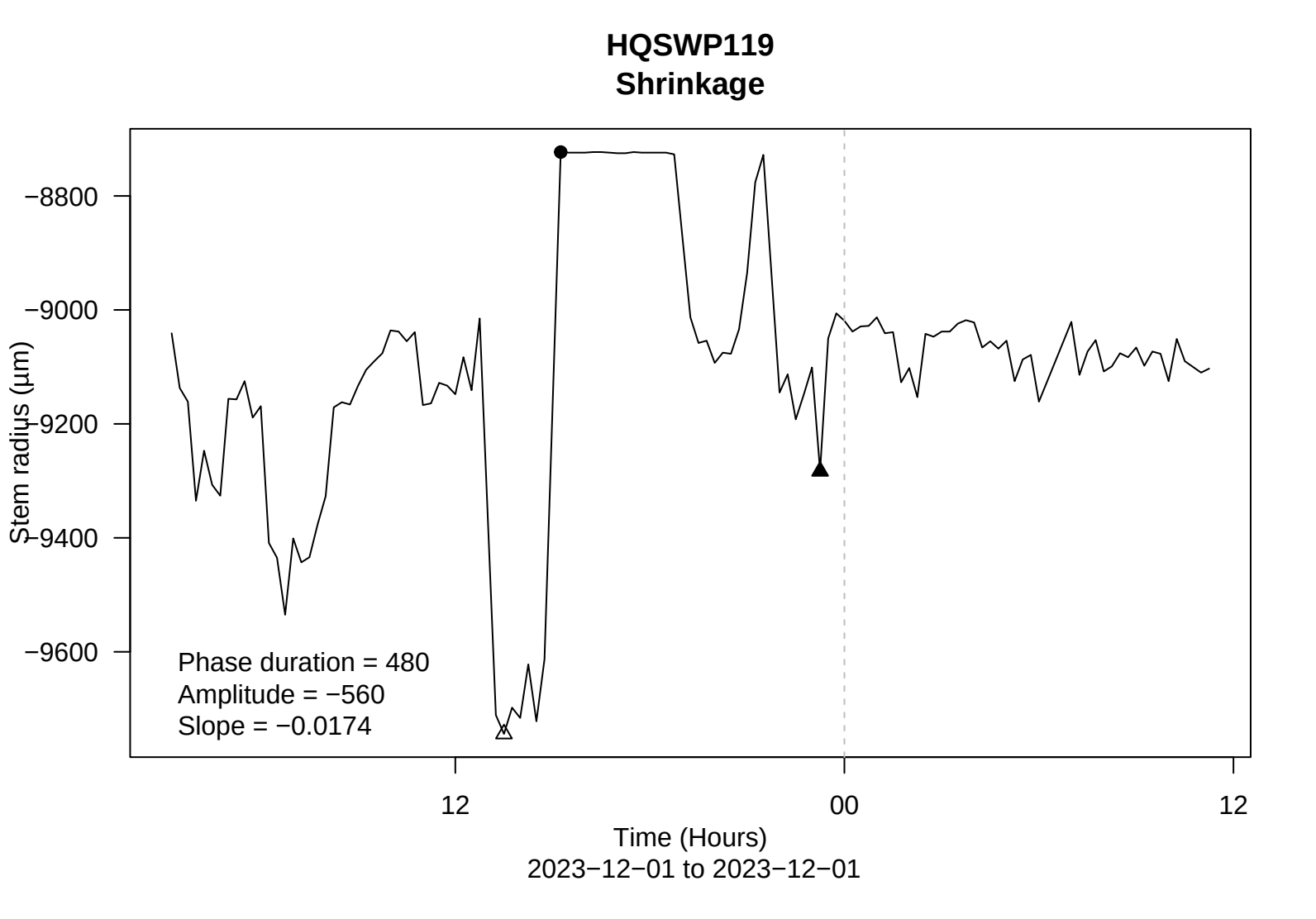

HQSWP119
Shrinkage
−9400
−9600
−9800
−10000
−10200
−10400
Stem radius (µm)
Phase duration = 345
Amplitude = −1218
Slope = −0.0549
18
00
06
12
18
Time (Hours)
2023−11−29 to 2023−11−29

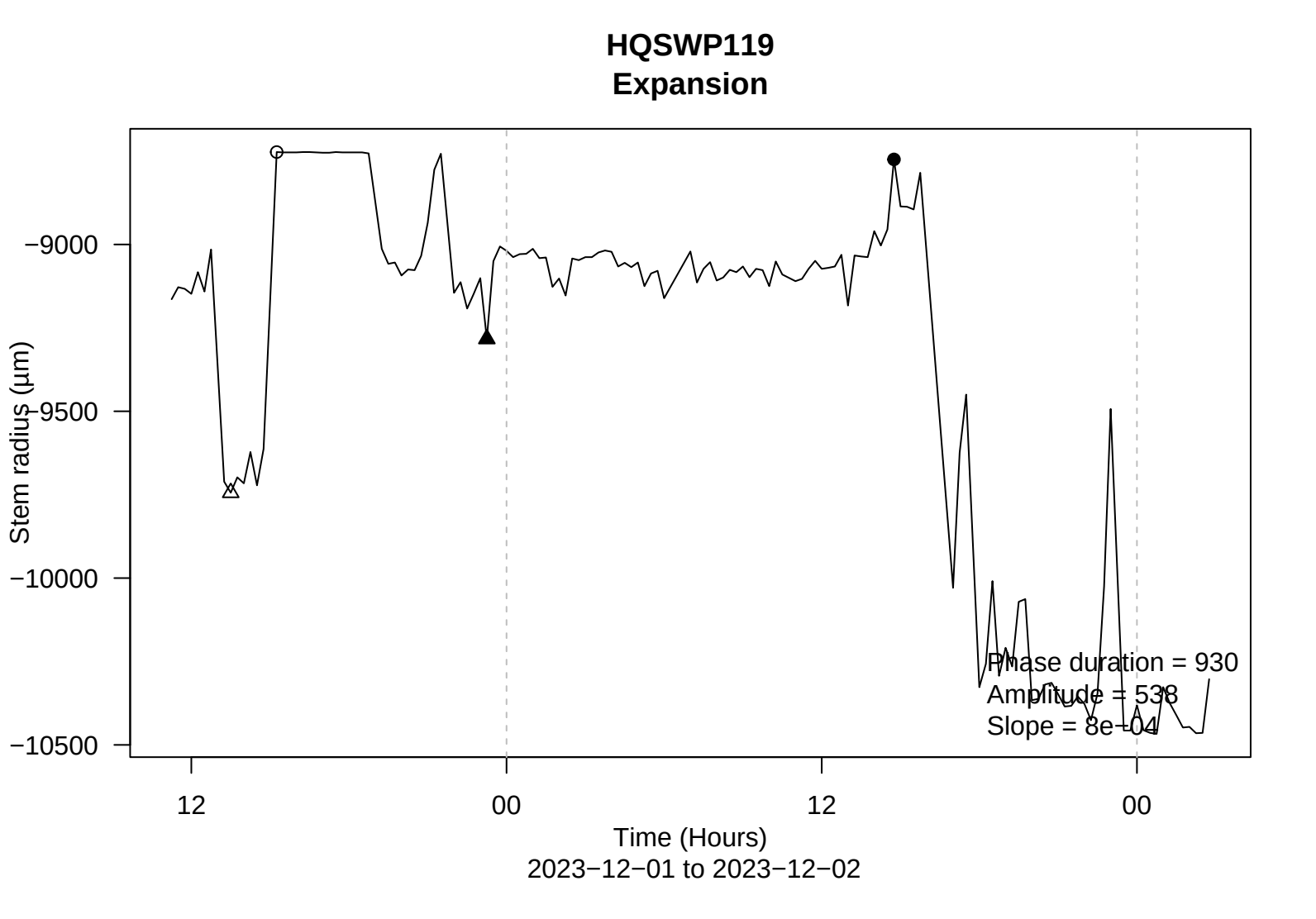

HQSWP119
Expansion
−9400
−9600
−9800
−10000
−10200
−10400
Stem radius (µm)
Phase duration = 735
Amplitude = 579
Slope = 0.0057
00
12
00
Time (Hours)
2023−11−29 to 2023−11−29

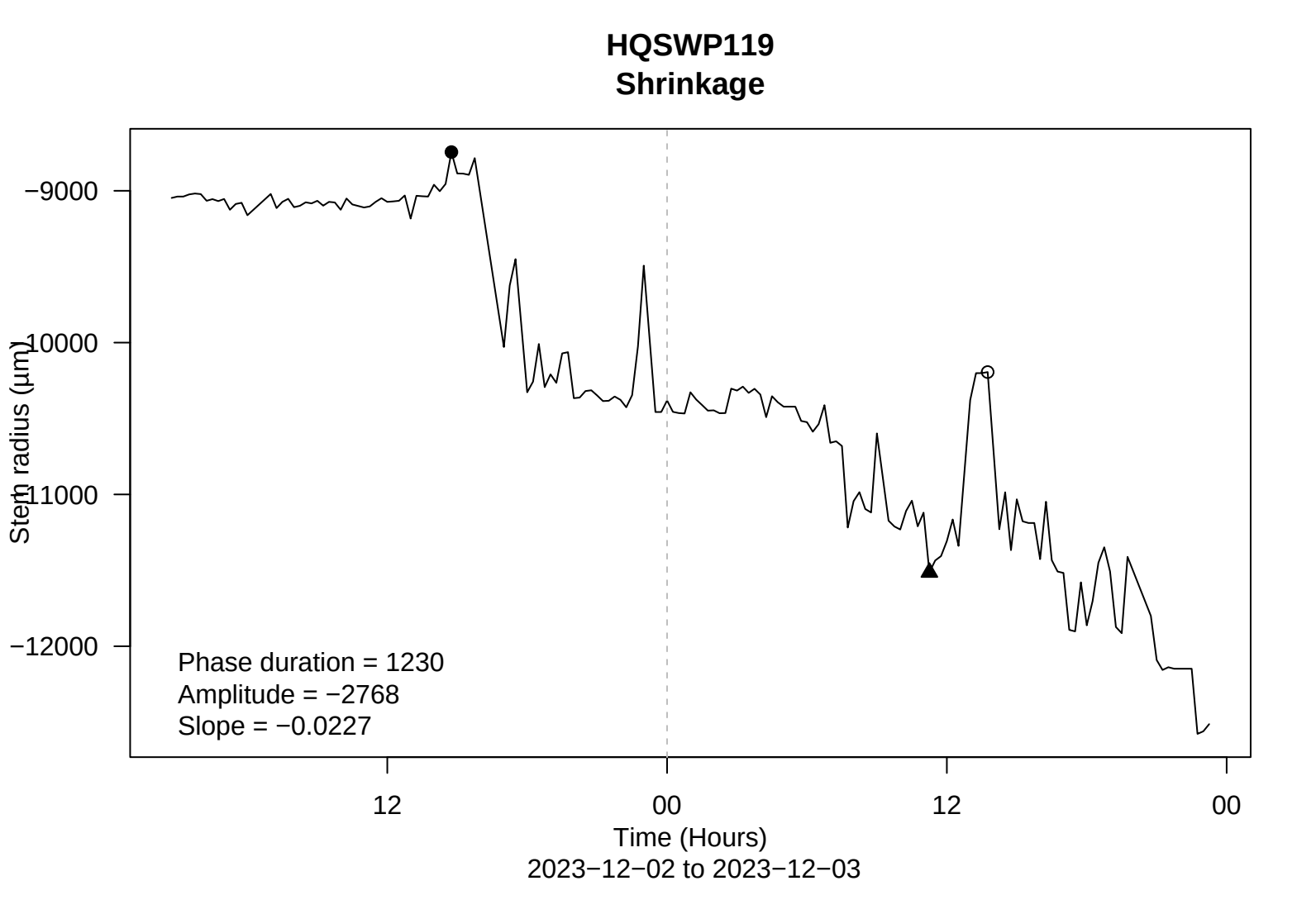

HQSWP119
Shrinkage
−9400
−9600
−9800
−10000
−10200
−10400
Stem radius (µm)
Phase duration = 765
Amplitude = −300
Slope = −0.0023
12
00
12
Time (Hours)
2023−11−29 to 2023−11−30

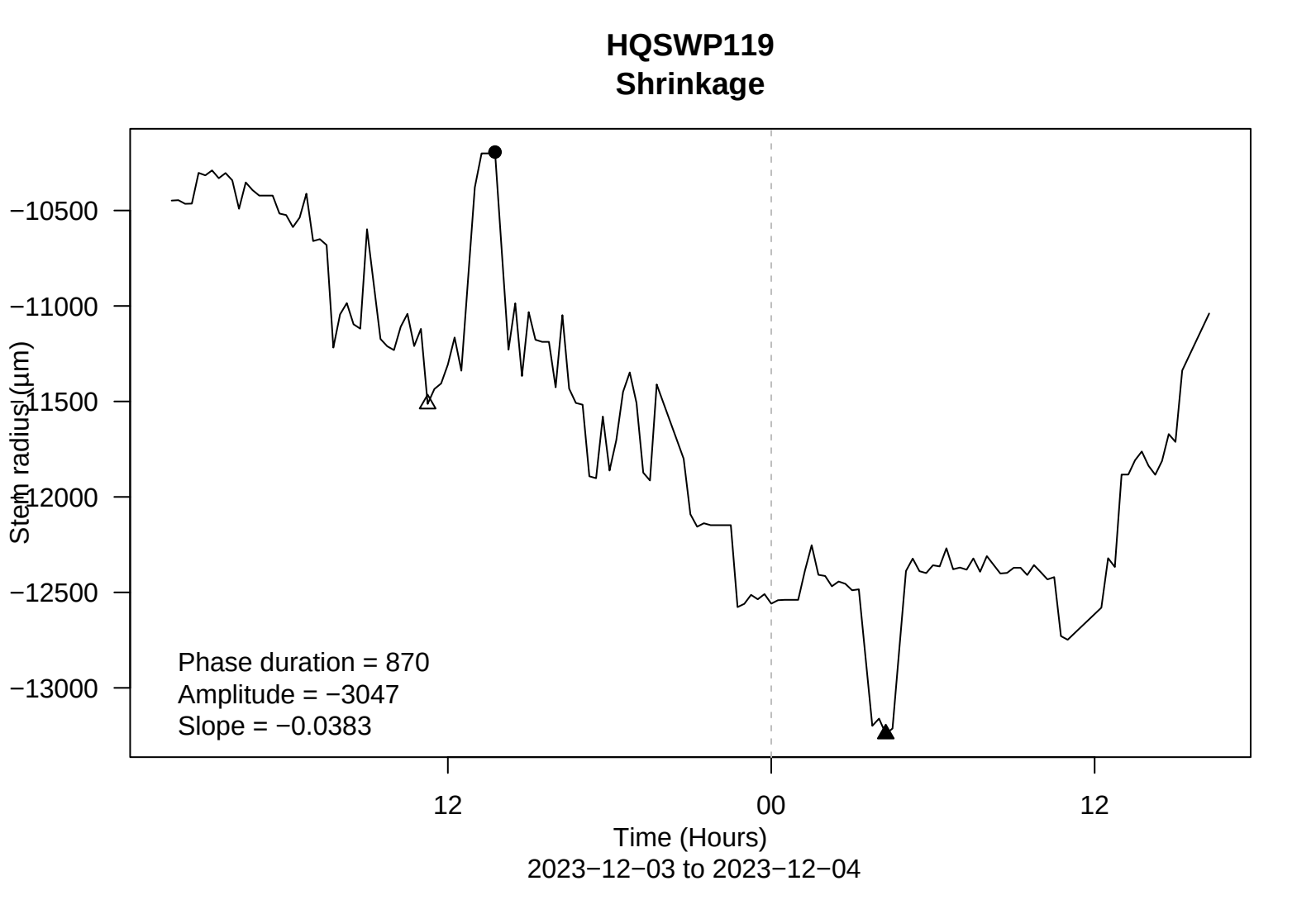

HQSWP119
Expansion
−9000
−9200
−9400
−9600
−9800
−10000
−10200
Stem radius (µm)
Phase duration = 885
Amplitude = 1199
Slope = 0.0205
00
12
00
12
Time (Hours)
2023−11−30 to 2023−12−01

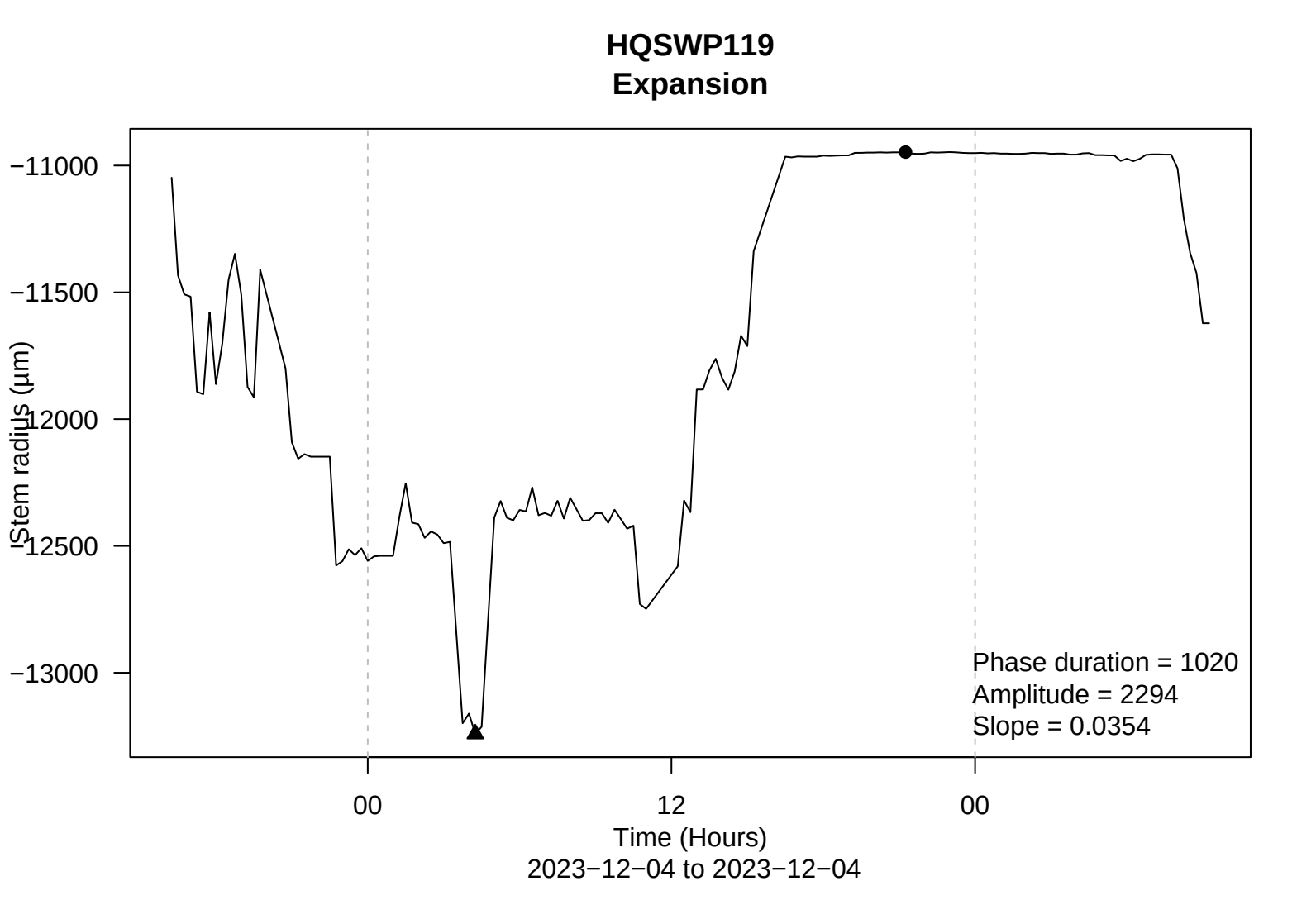

HQSWP119
Shrinkage
−9000
−9500
−10000
Stem radius (µm)
Phase duration = 765
Amplitude = −741
Slope = −0.0037
12
00
12
00
Time (Hours)
2023−12−01 to 2023−12−01

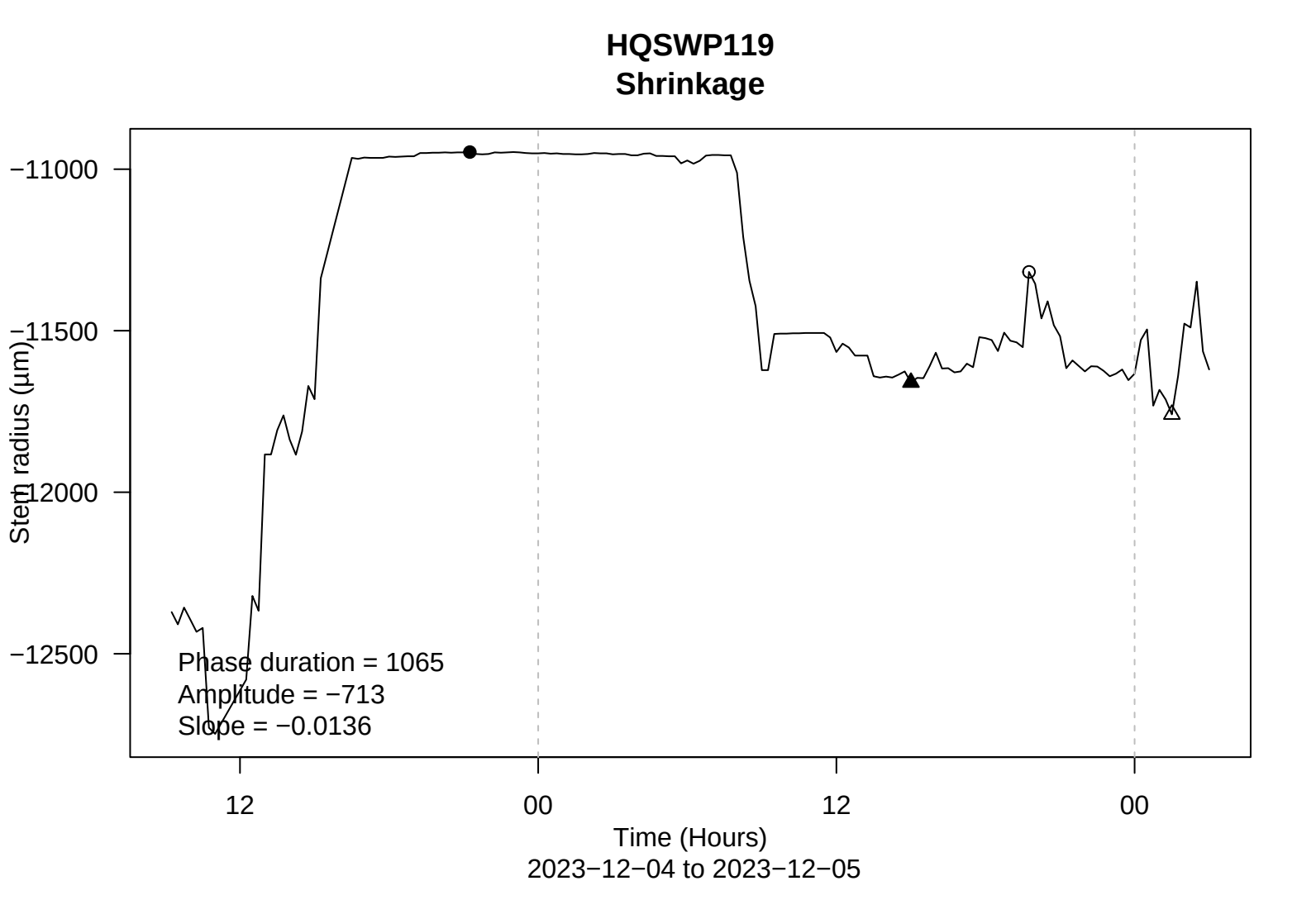

HQSWP119
Shrinkage
−8800
−9000
−9200
−9400
−9600
Stem radius (µm)
Phase duration = 480
Amplitude = −560
Slope = −0.0174
12
00
12
Time (Hours)
2023−12−01 to 2023−12−01

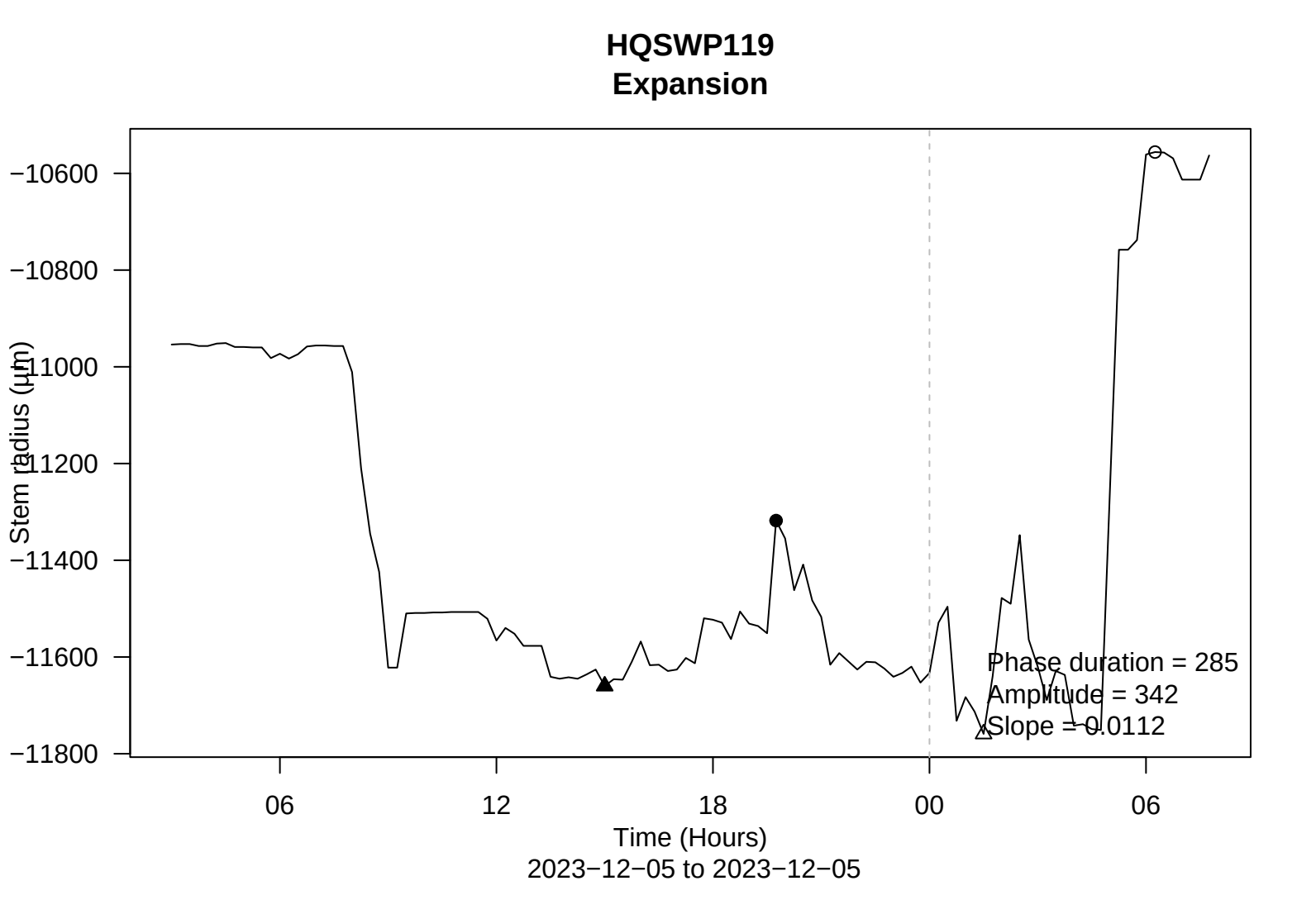

HQSWP119
Expansion
−9000
−9500
−10000
−10500
Stem radius (µm)
12
00
12
00
Time (Hours)
2023−12−01 to 2023−12−02
Phase duration = 930
Amplitude = 538
Slope = 8e−04

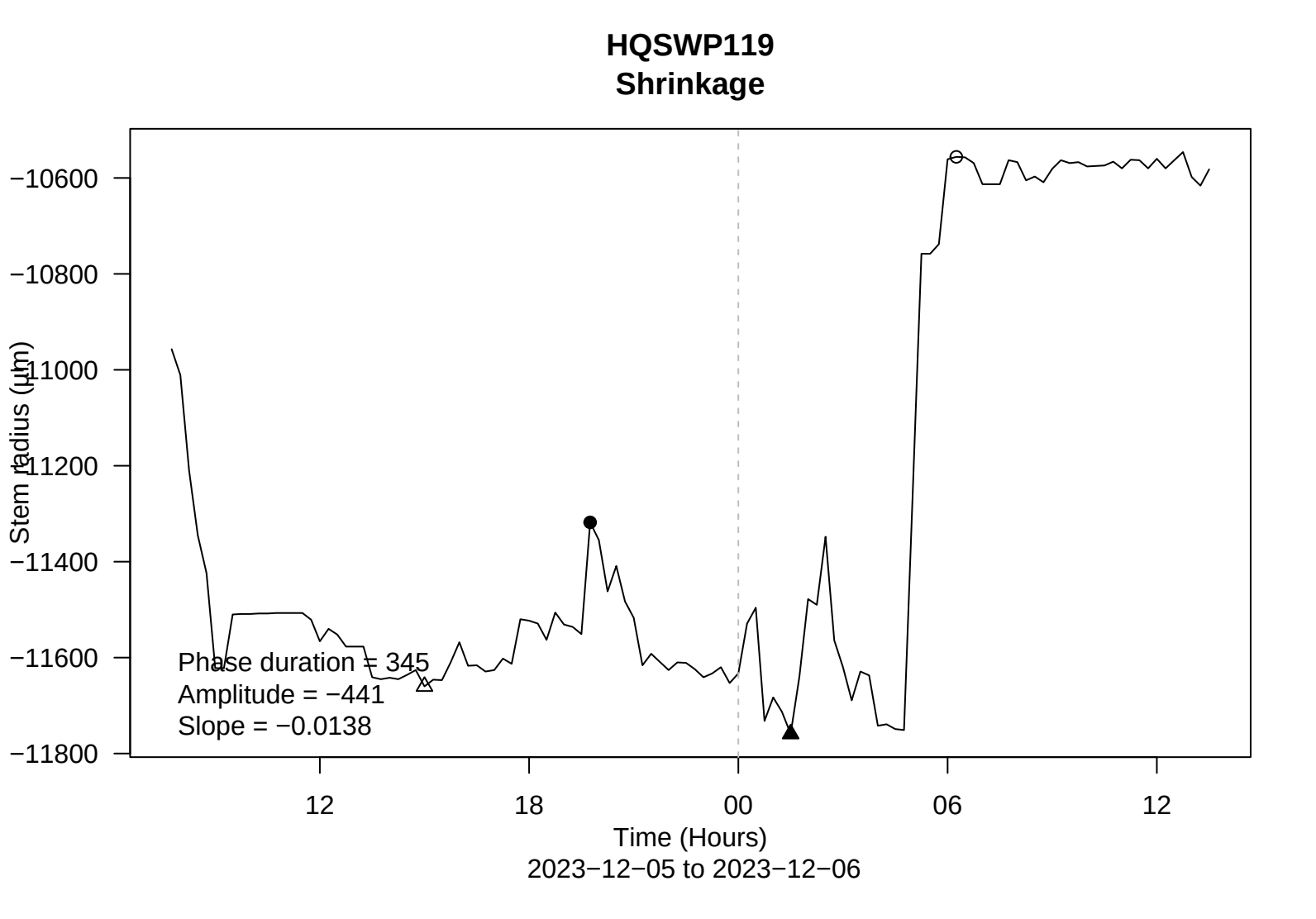

HQSWP119
Shrinkage
−9000
−10000
−11000
−12000
Stem radius (µm)
Phase duration = 1230
Amplitude = −2768
Slope = −0.0227
12
00
12
00
Time (Hours)
2023−12−02 to 2023−12−03

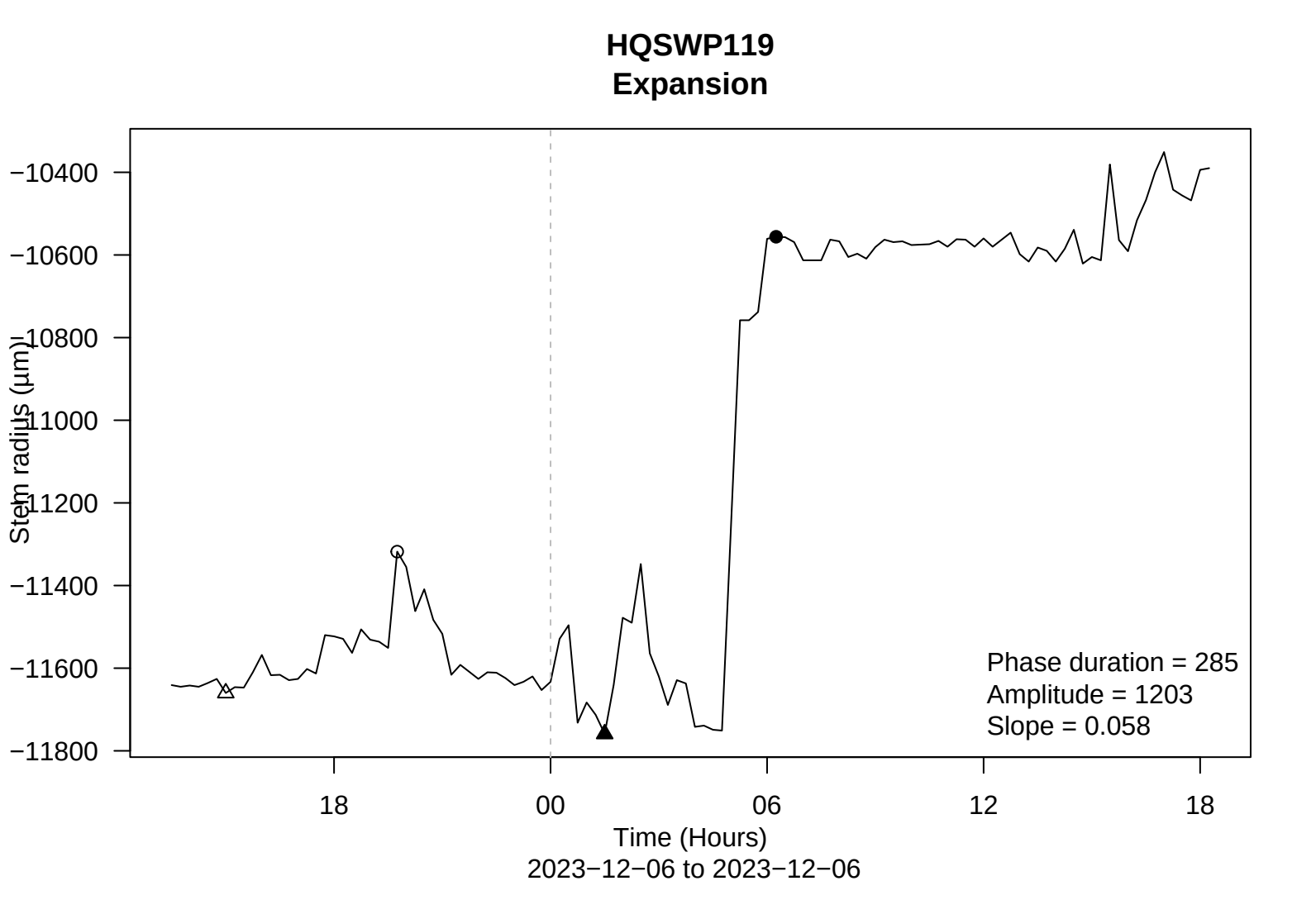

HQSWP119
Shrinkage
−10500
−11000
−11500
−12000
−12500
−13000
Stem radius (µm)
Phase duration = 870
Amplitude = −3047
Slope = −0.0383
12
00
12
Time (Hours)
2023−12−03 to 2023−12−04

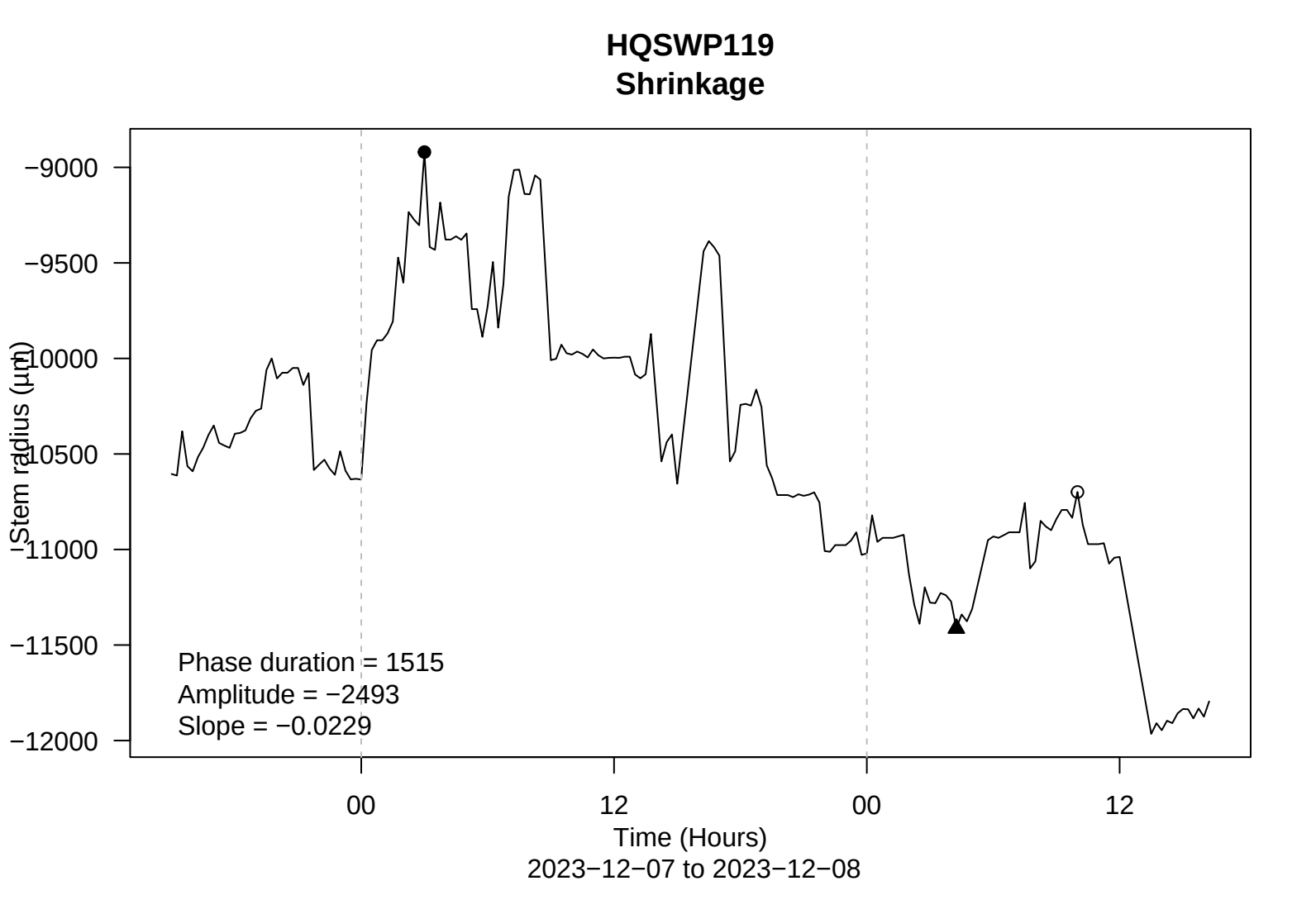

HQSWP119
Expansion
−11000
−11500
−12000
−12500
−13000
Stem radius (µm)
Phase duration = 1020
Amplitude = 2294
Slope = 0.0354
00
12
00
Time (Hours)
2023−12−04 to 2023−12−04

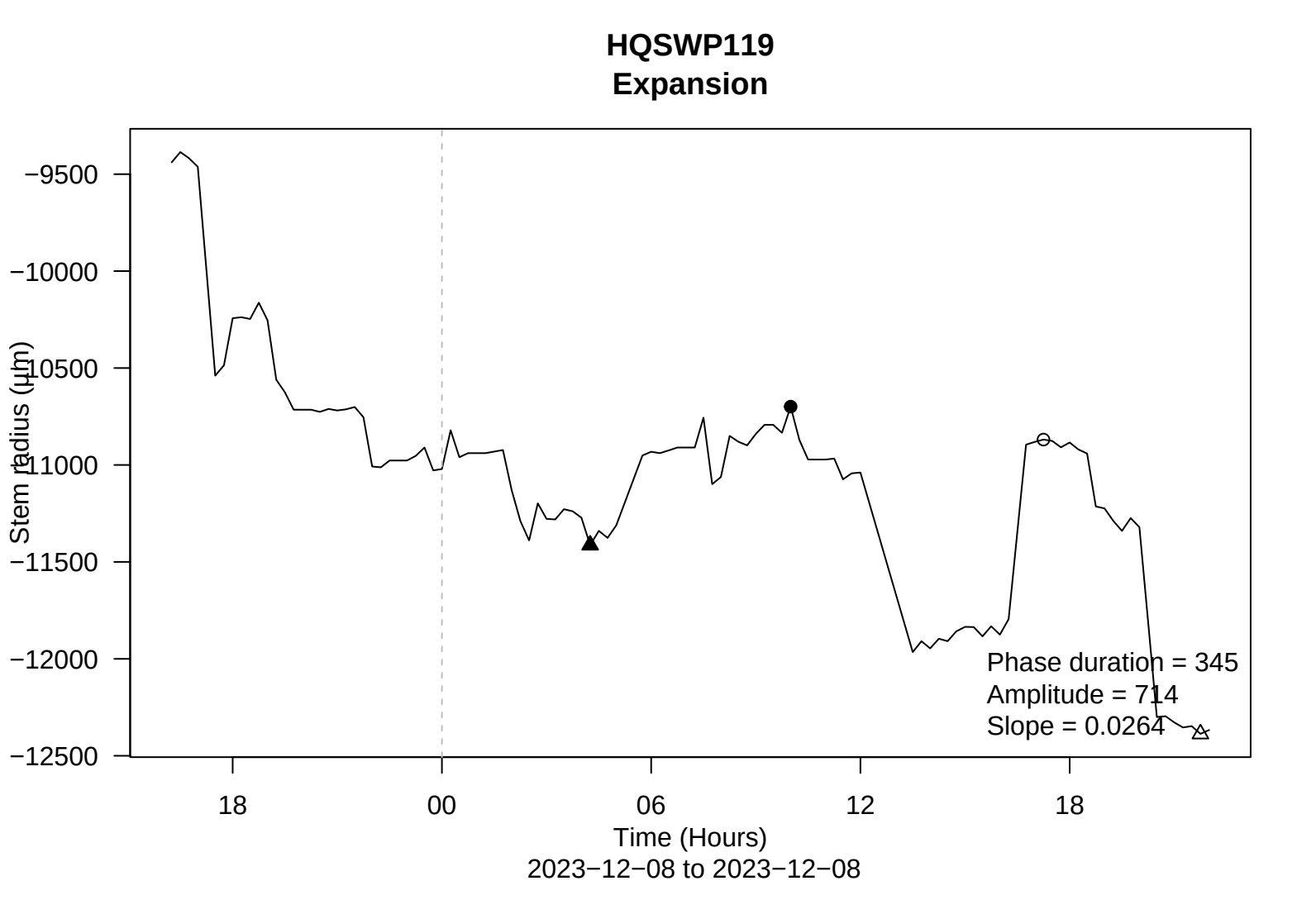

HQSWP119
Shrinkage
−11000
−11500
−12000
−12500
Stem radius (µm)
Phase duration = 1065
Amplitude = −713
Slope = −0.0136
12
00
12
00
Time (Hours)
2023−12−04 to 2023−12−05

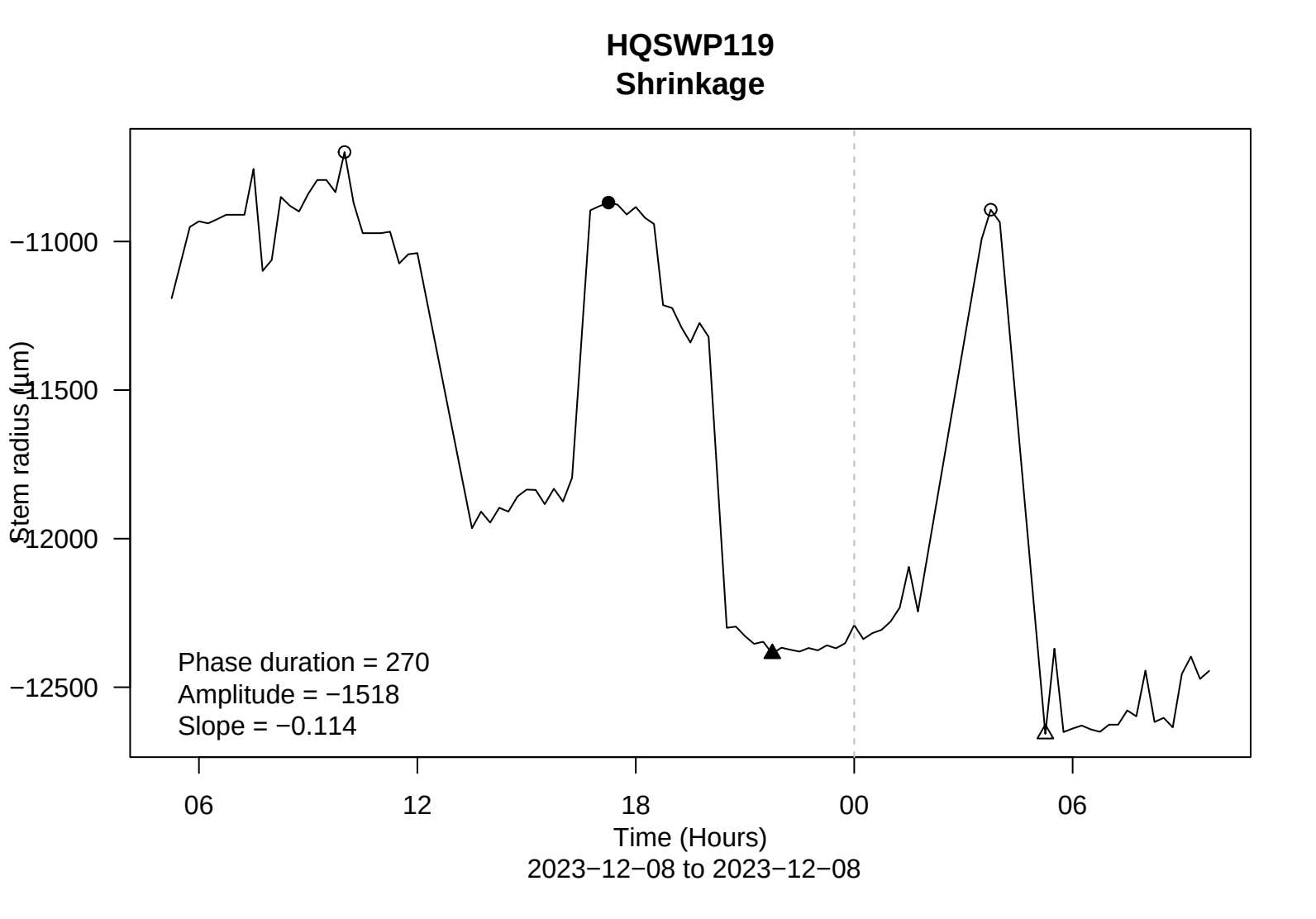

HQSWP119
Expansion
−10600
−10800
−11000
−11200
−11400
−11600
−11800
Stem radius (µm)
Phase duration = 285
Amplitude = 342
Slope = 0.0112
06
12
18
00
06
Time (Hours)
2023−12−05 to 2023−12−05

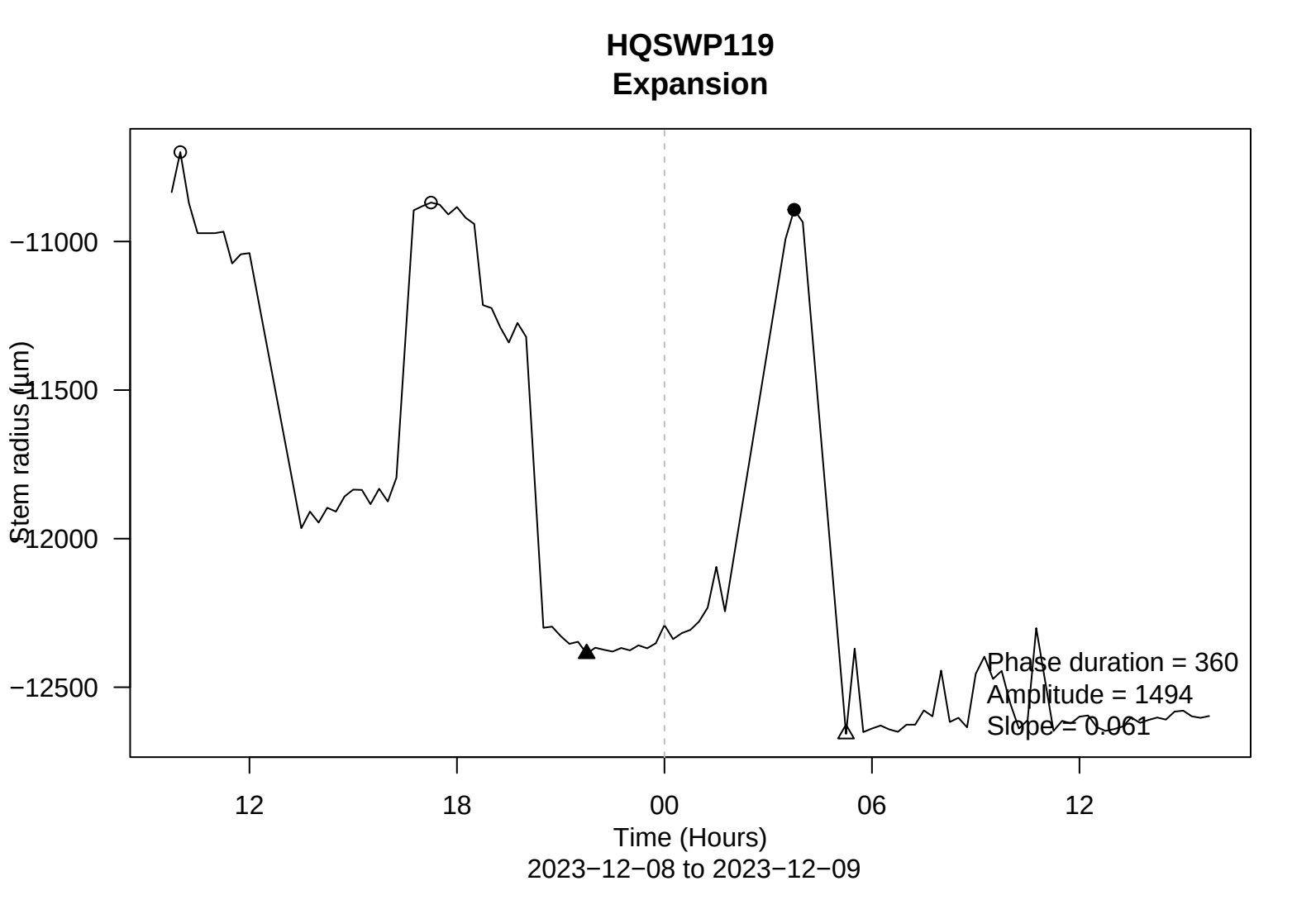

HQSWP119
Shrinkage
−10600
−10800
−11000
−11200
−11400
−11600
−11800
Stem radius (µm)
Phase duration = 345
Amplitude = −441
Slope = −0.0138
12
18
00
06
12
Time (Hours)
2023−12−05 to 2023−12−06

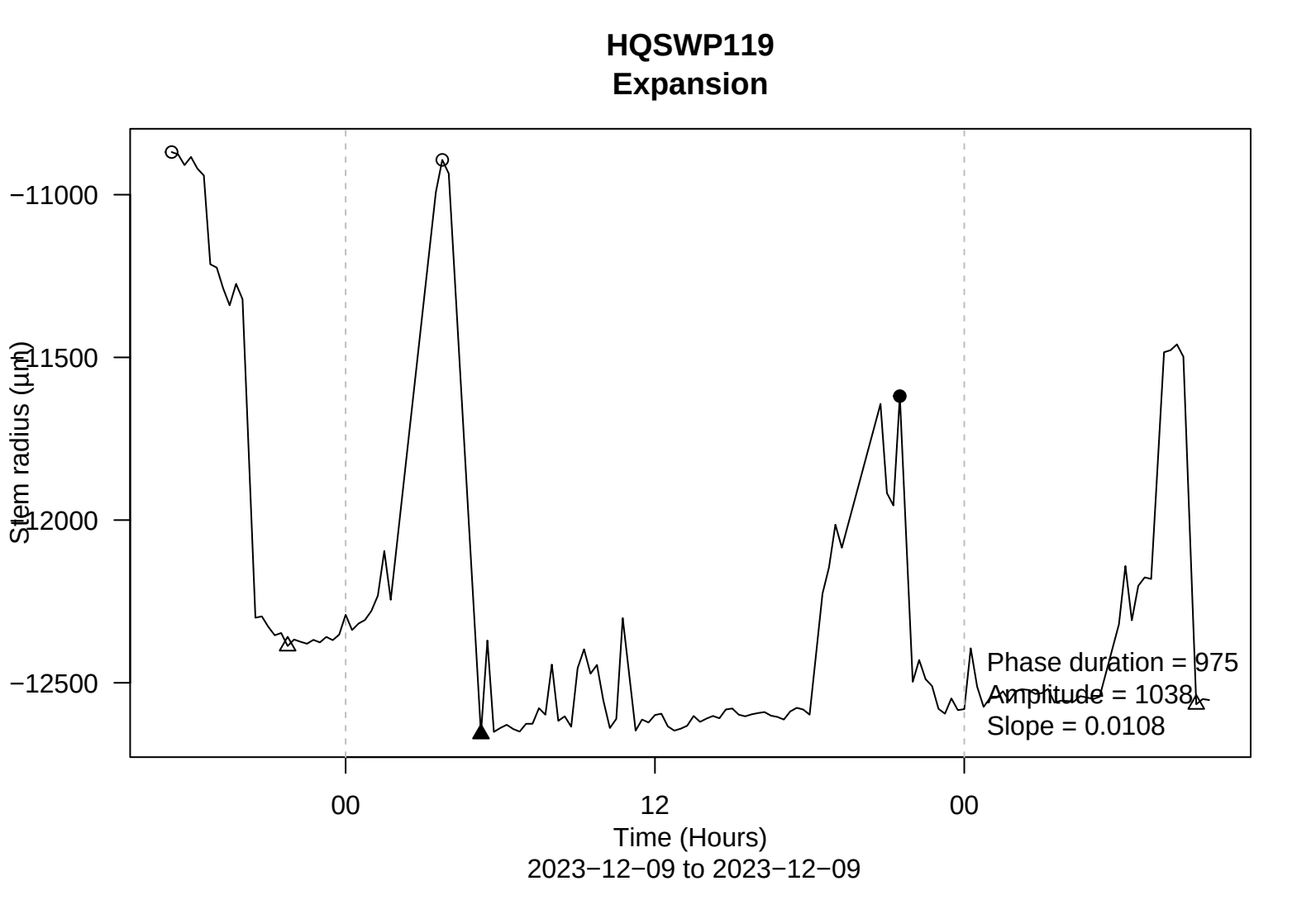

HQSWP119
Expansion
−10400
−10600
−10800
−11000
−11200
−11400
−11600
−11800
Stem radius (µm)
Phase duration = 285
Amplitude = 1203
Slope = 0.058
18
00
06
12
18
Time (Hours)
2023−12−06 to 2023−12−06

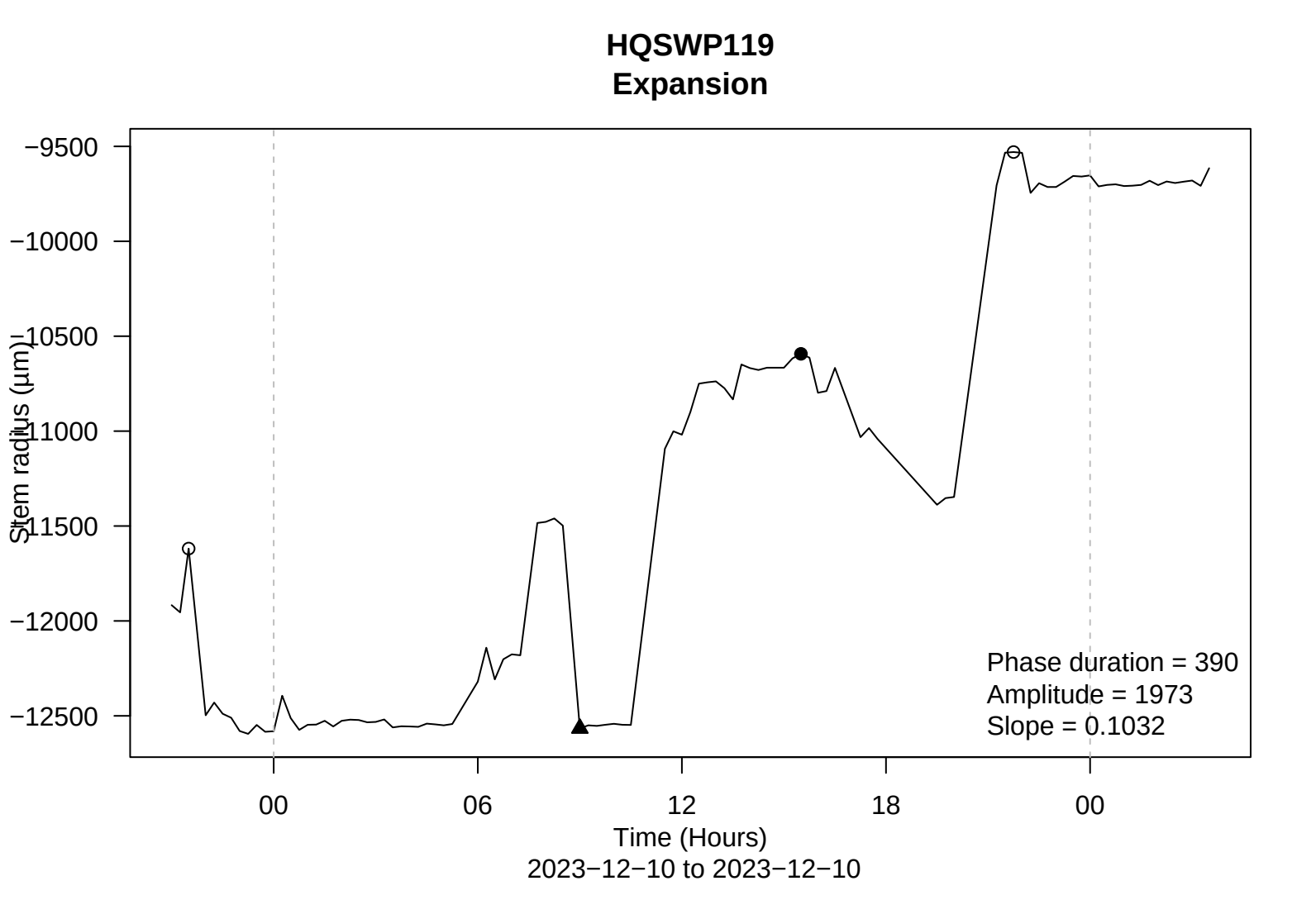

HQSWP119
Shrinkage
−9000
−9500
−10000
−10500
−11000
−11500
−12000
Stem radius (µm)
Phase duration = 1515
Amplitude = −2493
Slope = −0.0229
00
12
00
12
Time (Hours)
2023−12−07 to 2023−12−08

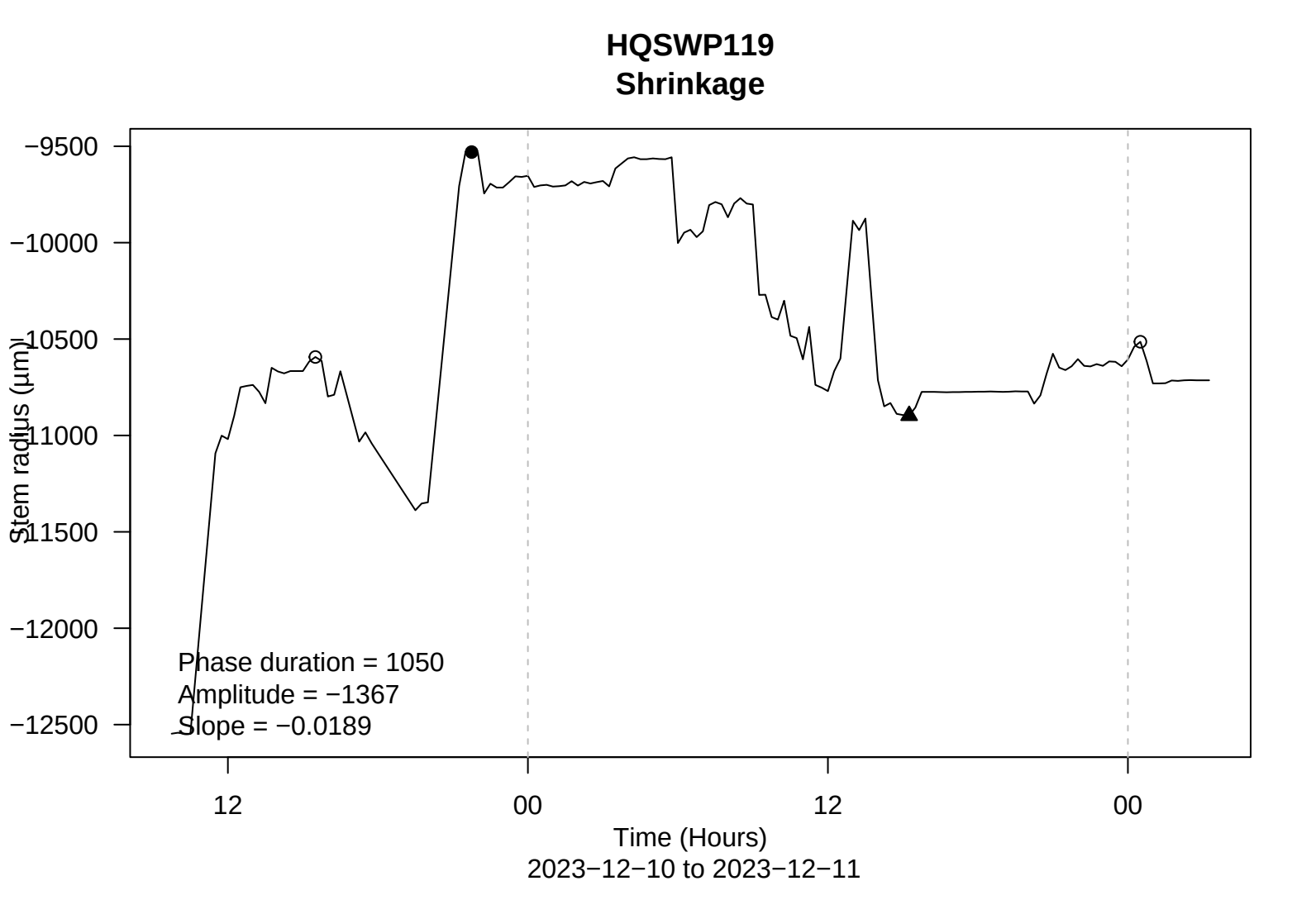

HQSWP119
Expansion
−9500
−10000
−10500
−11000
−11500
−12000
−12500
Stem radius (µm)
18
00
06
12
18
Time (Hours)
2023−12−08 to 2023−12−08
Phase duration = 345
Amplitude = 714
Slope = 0.0264

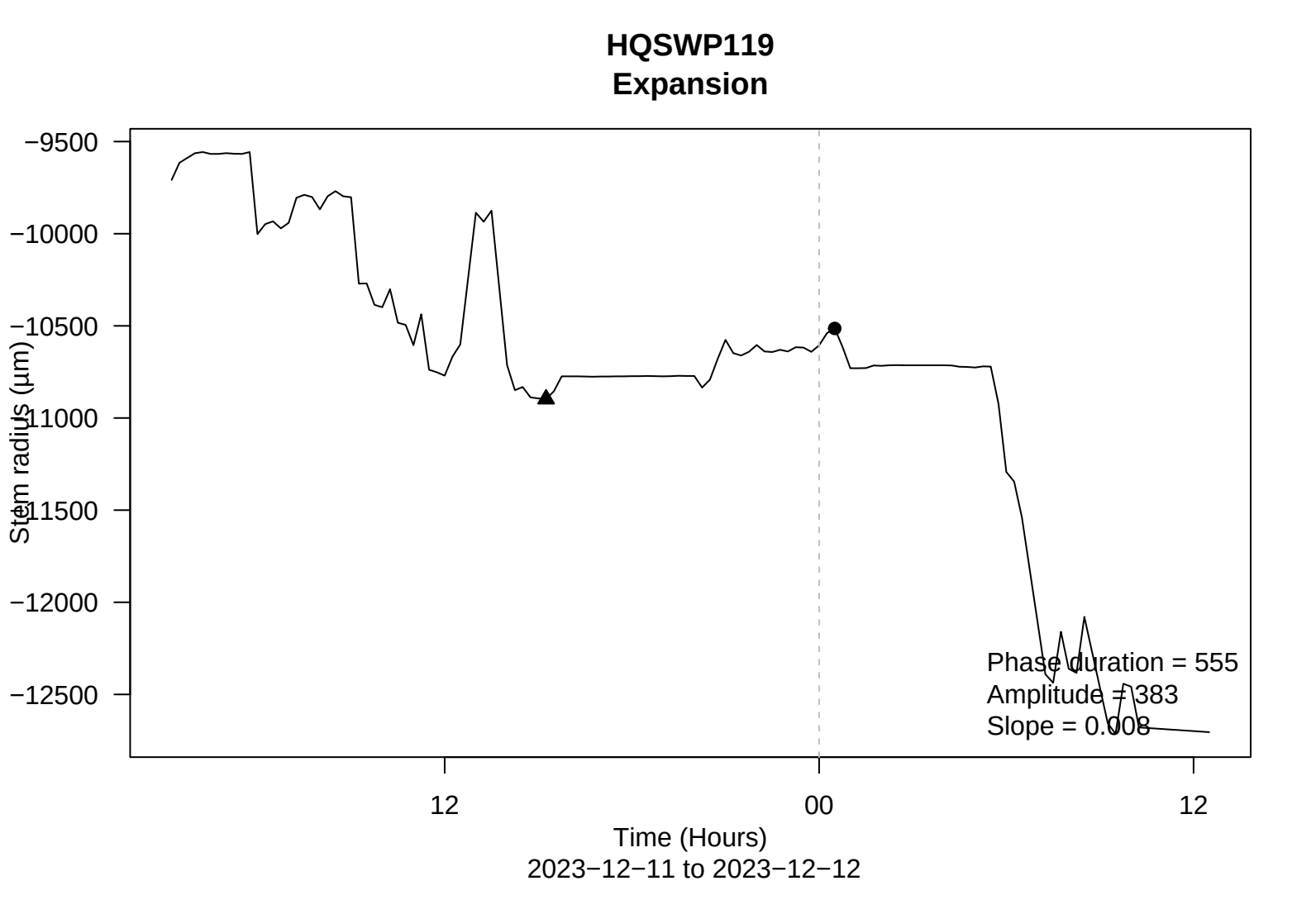

HQSWP119
Shrinkage
−11000
−11500
−12000
−12500
Stem radius (µm)
Phase duration = 270
Amplitude = −1518
Slope = −0.114
06
12
18
00
06
Time (Hours)
2023−12−08 to 2023−12−08

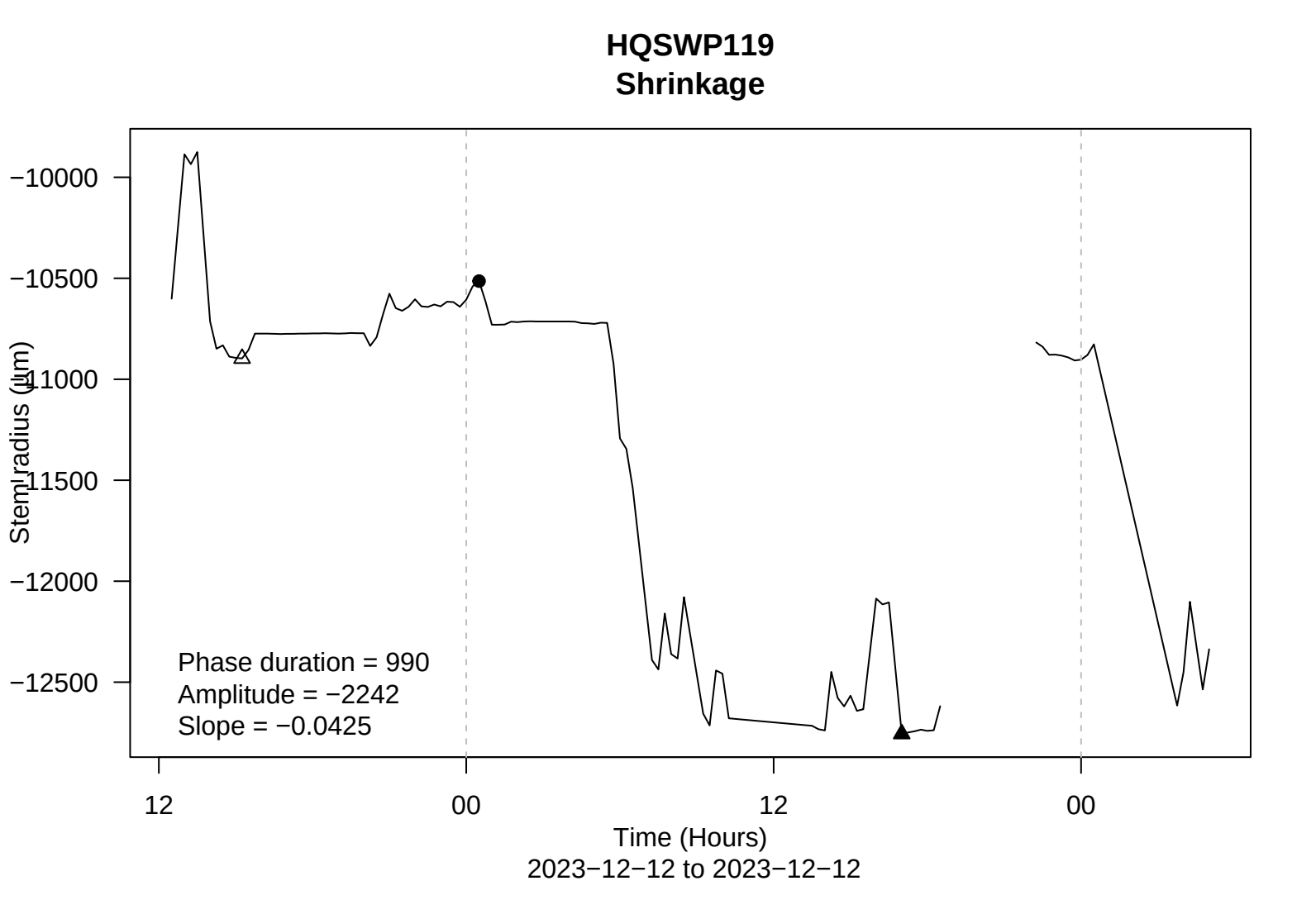

HQSWP119
Expansion
−11000
−11500
−12000
−12500
Stem radius (µm)
12
18
00
06
12
Time (Hours)
2023−12−08 to 2023−12−09
Phase duration = 360
Amplitude = 1494
Slope = 0.061

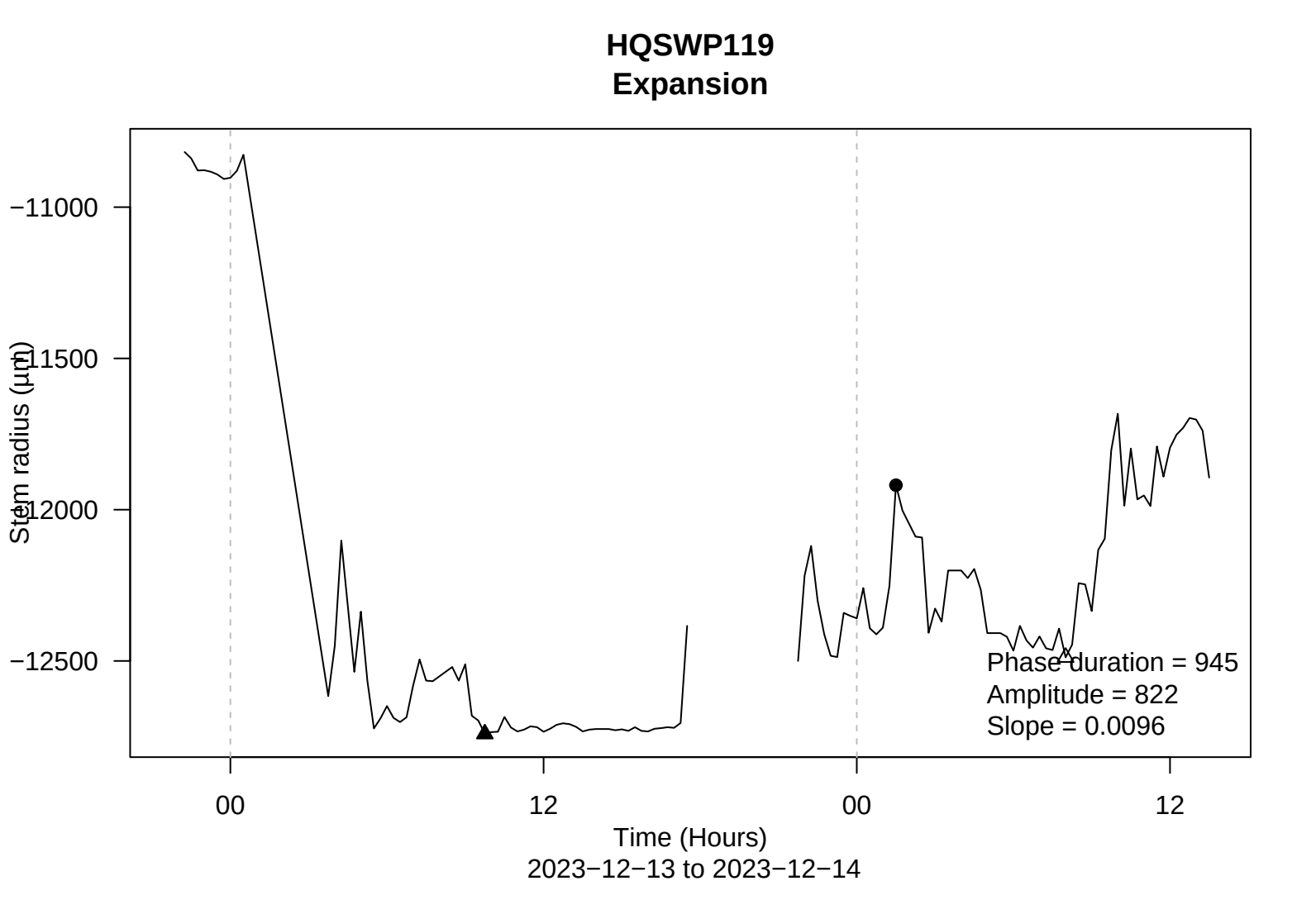

HQSWP119
Expansion
−11000
−11500
−12000
−12500
Stem radius (µm)
Phase duration = 975
Amplitude = 1038
Slope = 0.0108
00
12
00
Time (Hours)
2023−12−09 to 2023−12−09

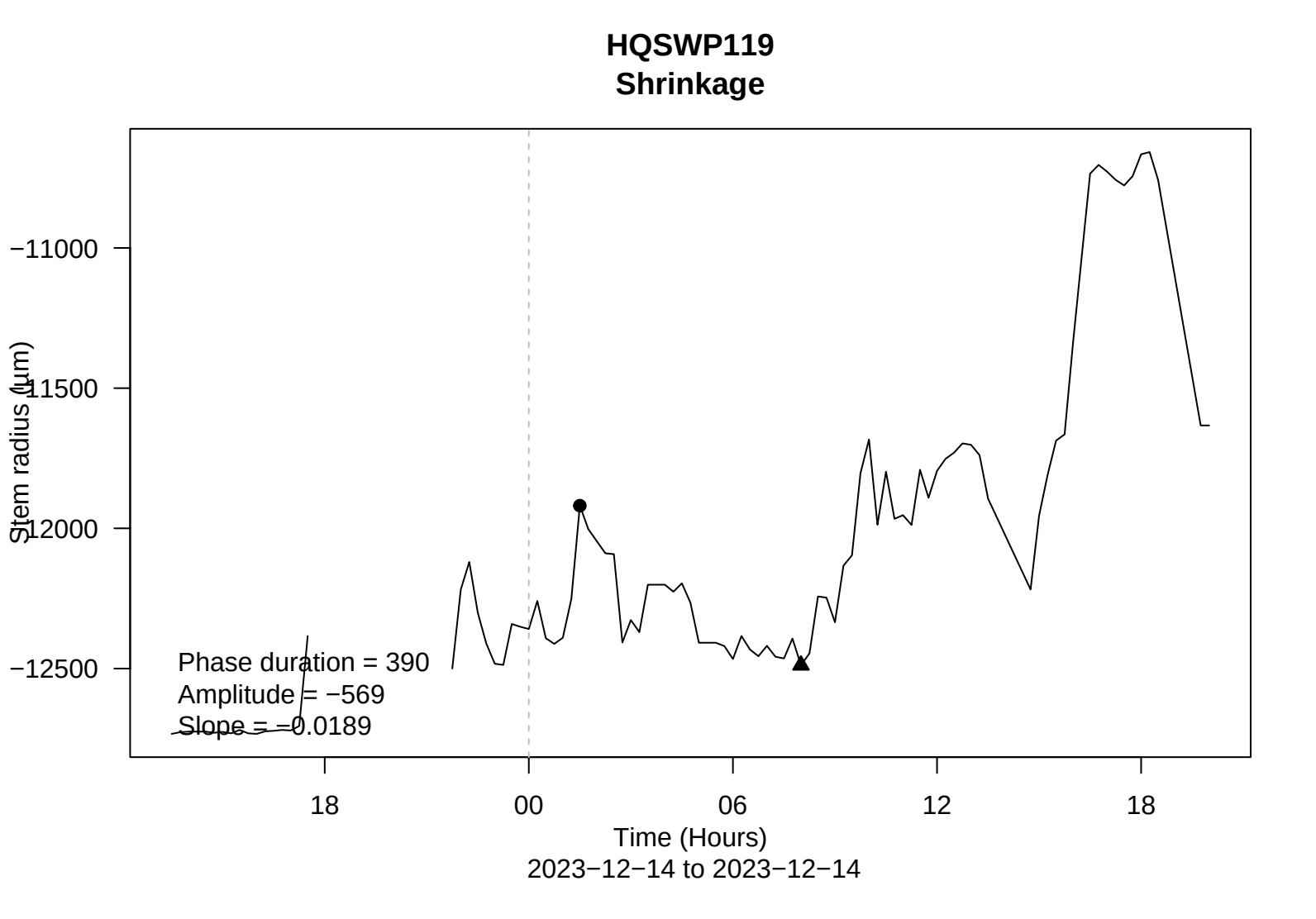

HQSWP119
Expansion
−9500
−10000
−10500
−11000
−11500
−12000
−12500
Stem radius (µm)
Phase duration = 390
Amplitude = 1973
Slope = 0.1032
00
06
12
18
00
Time (Hours)
2023−12−10 to 2023−12−10

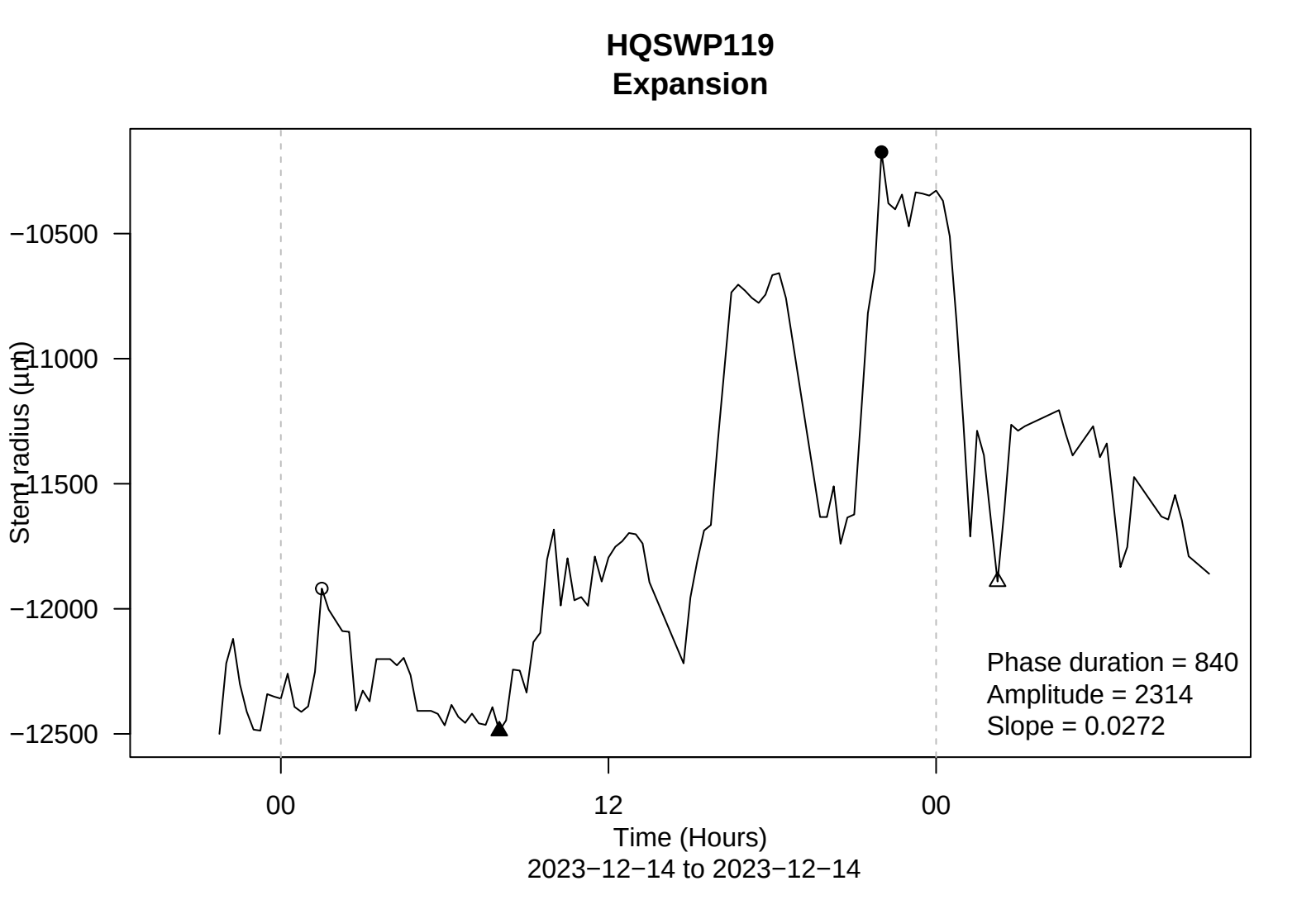

HQSWP119
Shrinkage
−9500
−10000
−10500
−11000
−11500
−12000
−12500
Stem radius (µm)
Phase duration = 1050
Amplitude = −1367
Slope = −0.0189
12
00
12
00
Time (Hours)
2023−12−10 to 2023−12−11

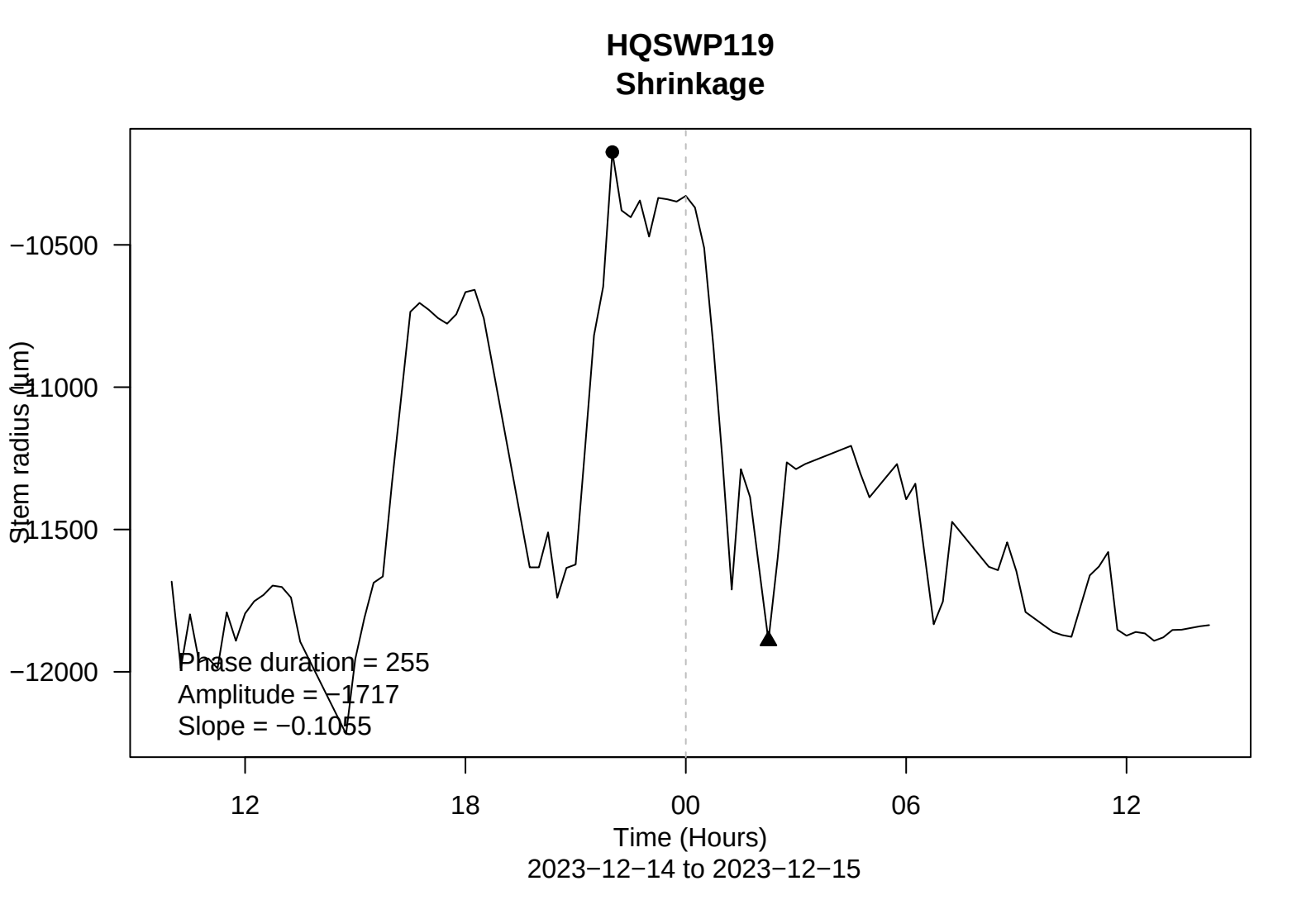

HQSWP119
Expansion
−9500
−10000
−10500
−11000
−11500
−12000
−12500
Stem radius (µm)
Phase duration = 555
Amplitude = 383
Slope = 0.008
12
00
12
Time (Hours)
2023−12−11 to 2023−12−12

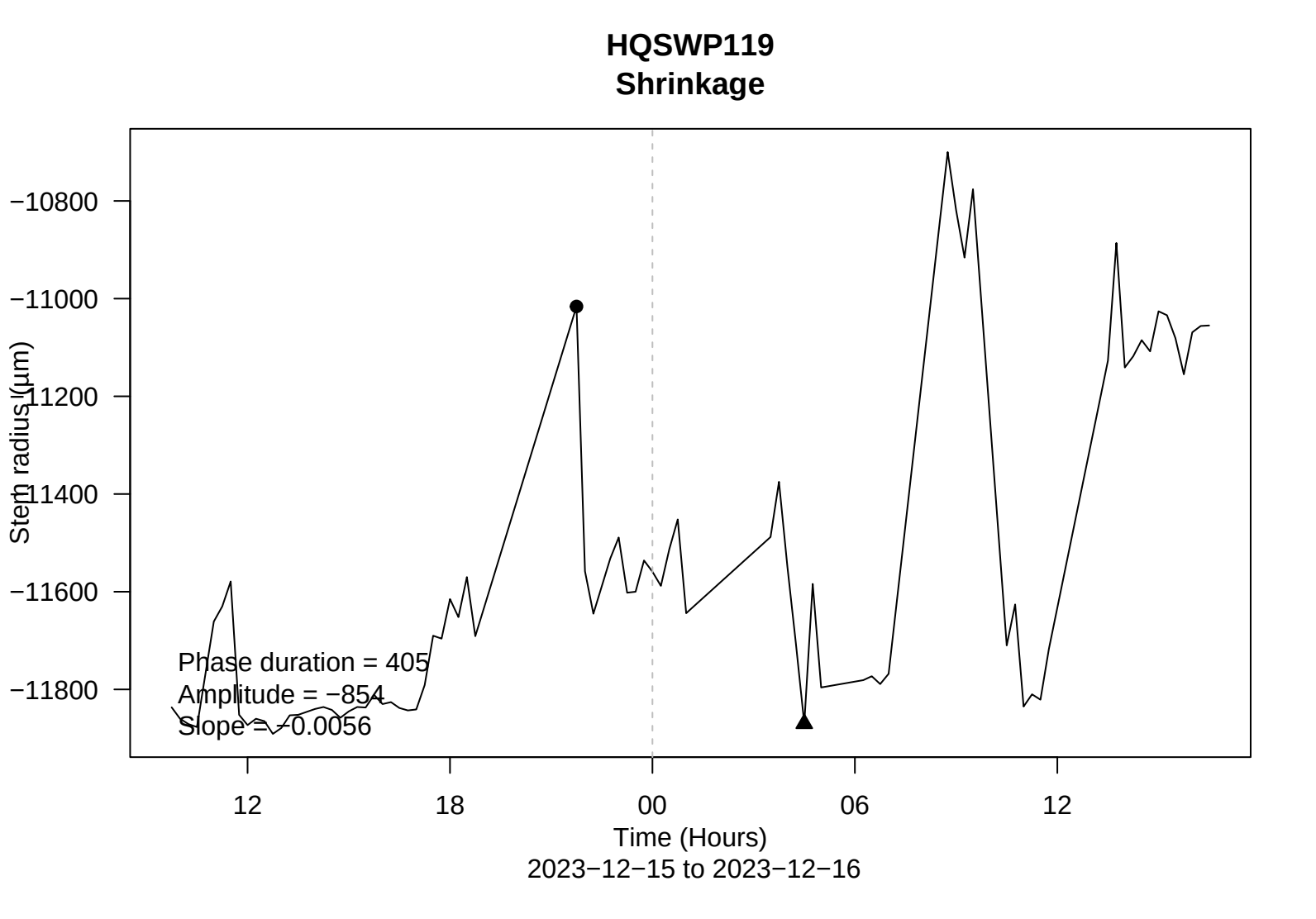

HQSWP119
Shrinkage
−10000
−10500
−11000
−11500
−12000
−12500
Stem radius (µm)
Phase duration = 990
Amplitude = −2242
Slope = −0.0425
12
00
12
00
Time (Hours)
2023−12−12 to 2023−12−12

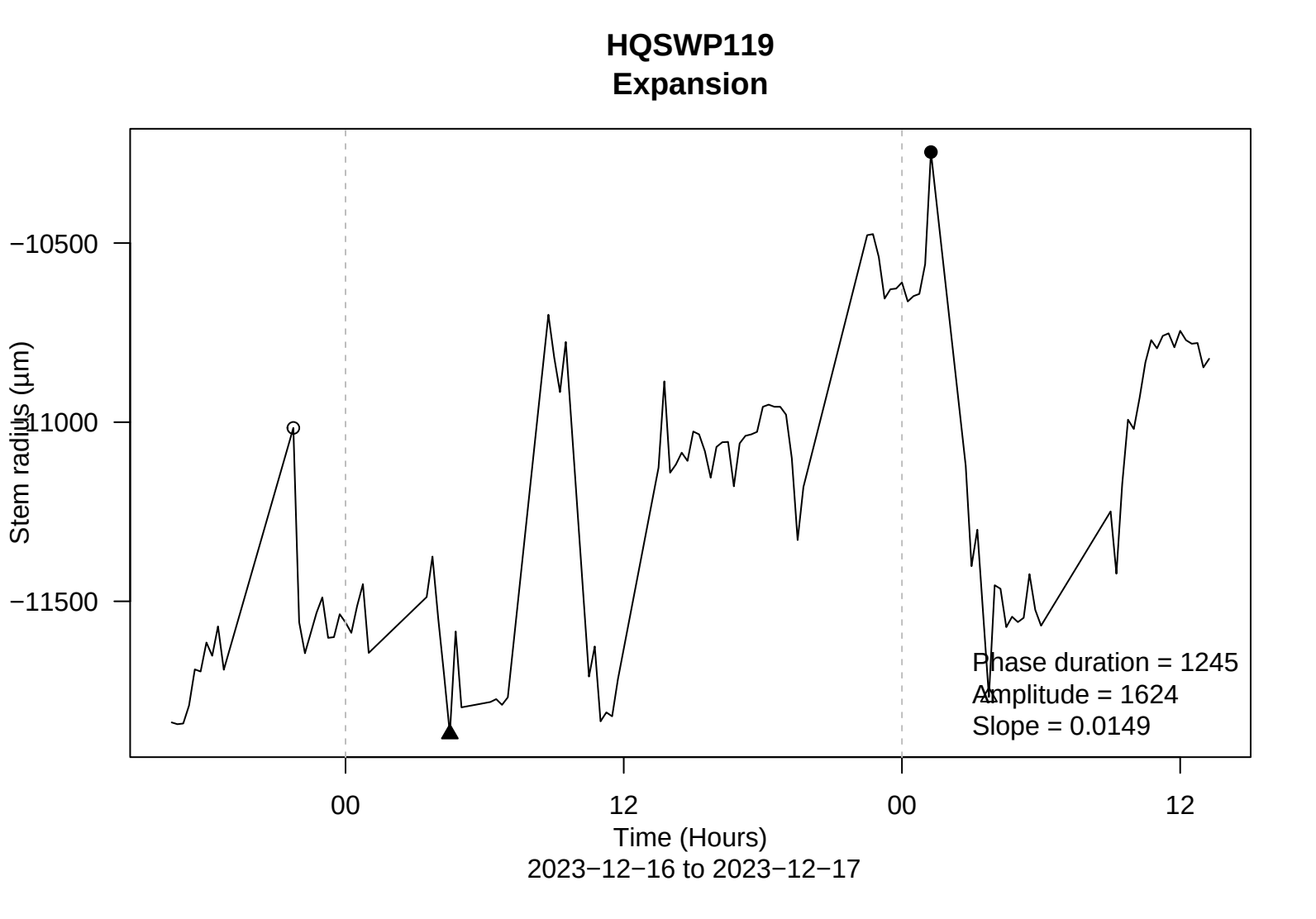

HQSWP119
Expansion
−11000
−11500
−12000
−12500
Stem radius (µm)
Phase duration = 945
Amplitude = 822
Slope = 0.0096
00
12
00
12
Time (Hours)
2023−12−13 to 2023−12−14

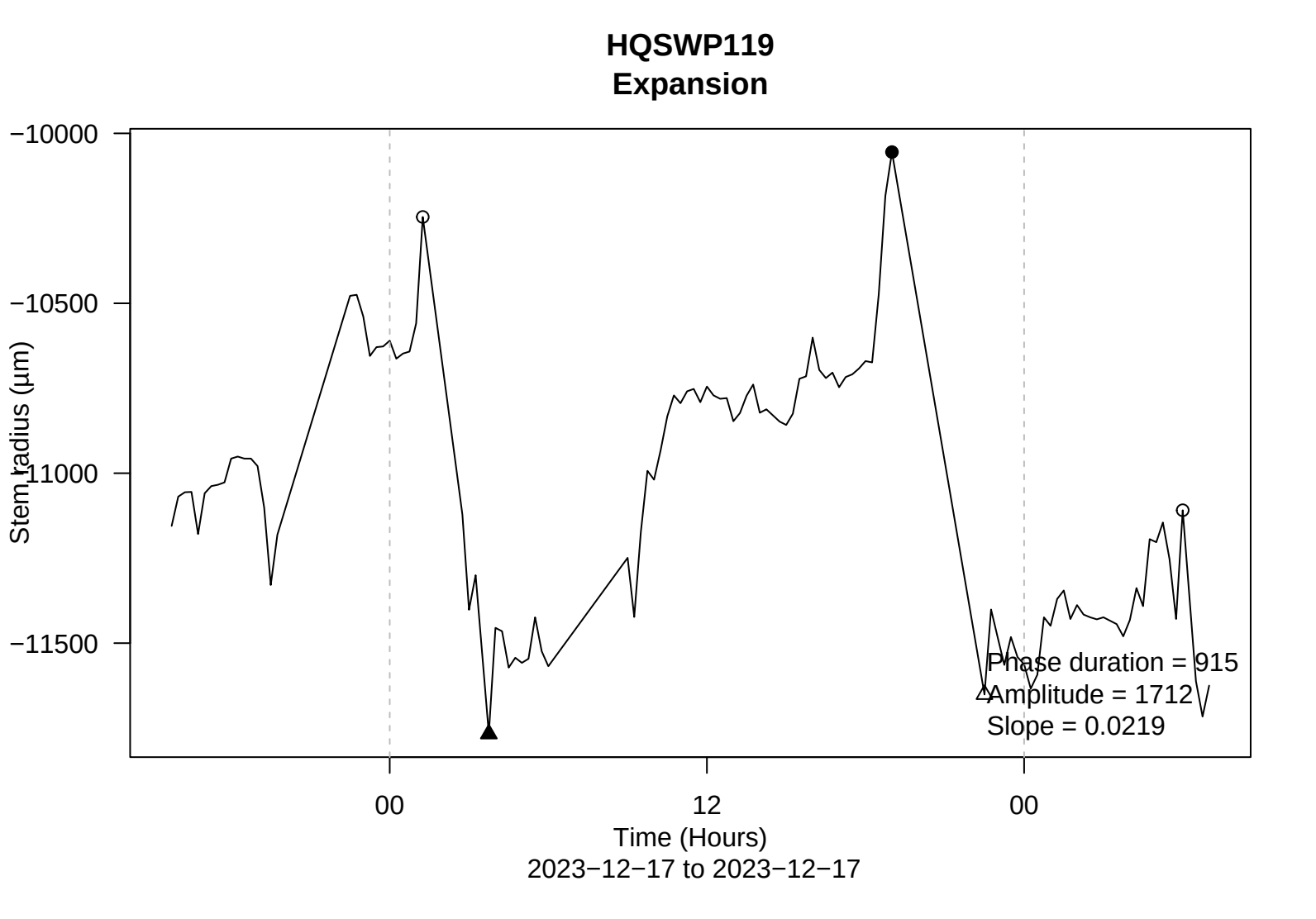

HQSWP119
Shrinkage
−11000
−11500
−12000
−12500
Stem radius (µm)
Phase duration = 390
Amplitude = −569
Slope = −0.0189
18
00
06
12
18
Time (Hours)
2023−12−14 to 2023−12−14

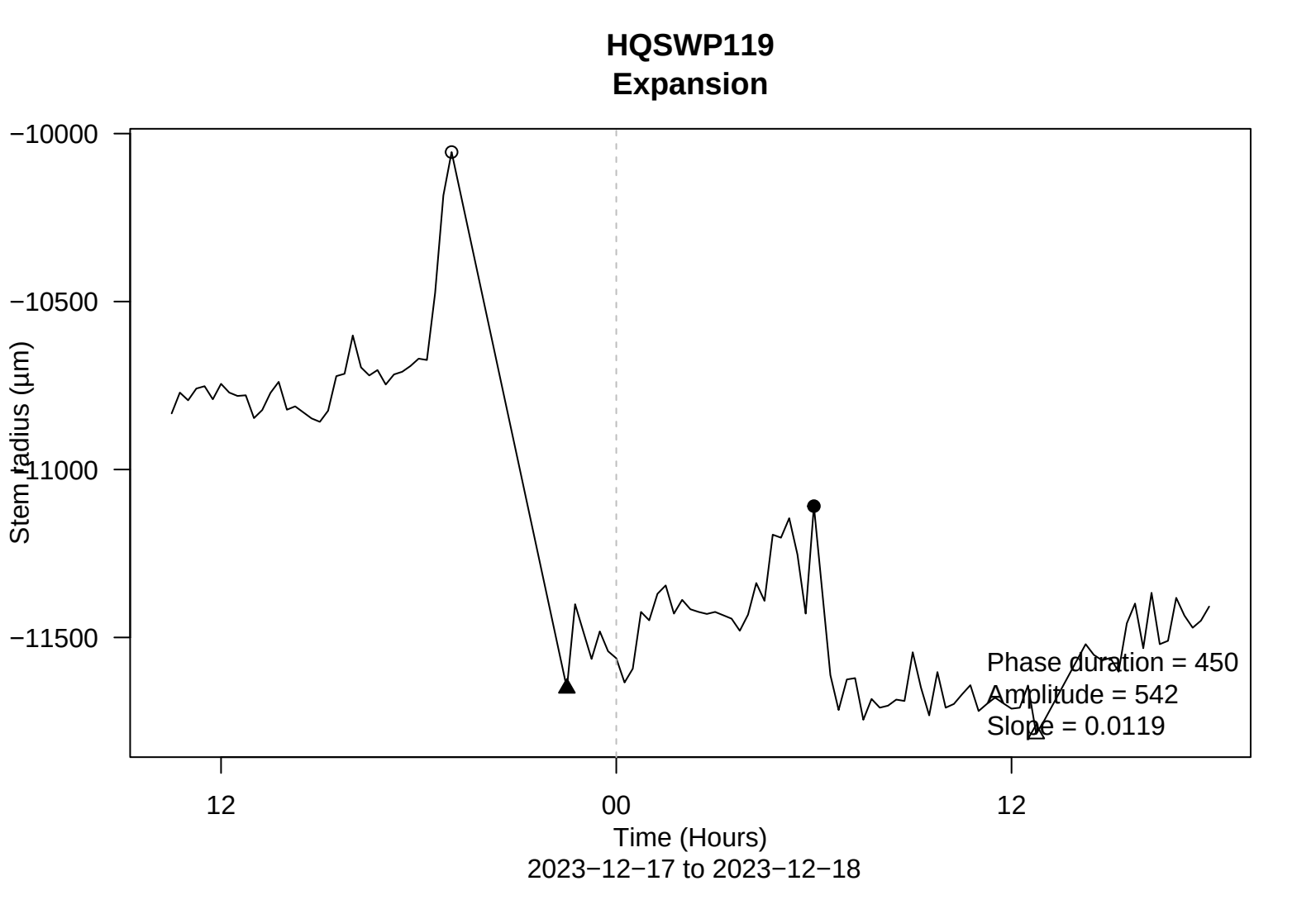

HQSWP119
Expansion
−10500
−11000
−11500
−12000
−12500
Stem radius (µm)
00
12
00
Time (Hours)
2023−12−14 to 2023−12−14
Phase duration = 840
Amplitude = 2314
Slope = 0.0272

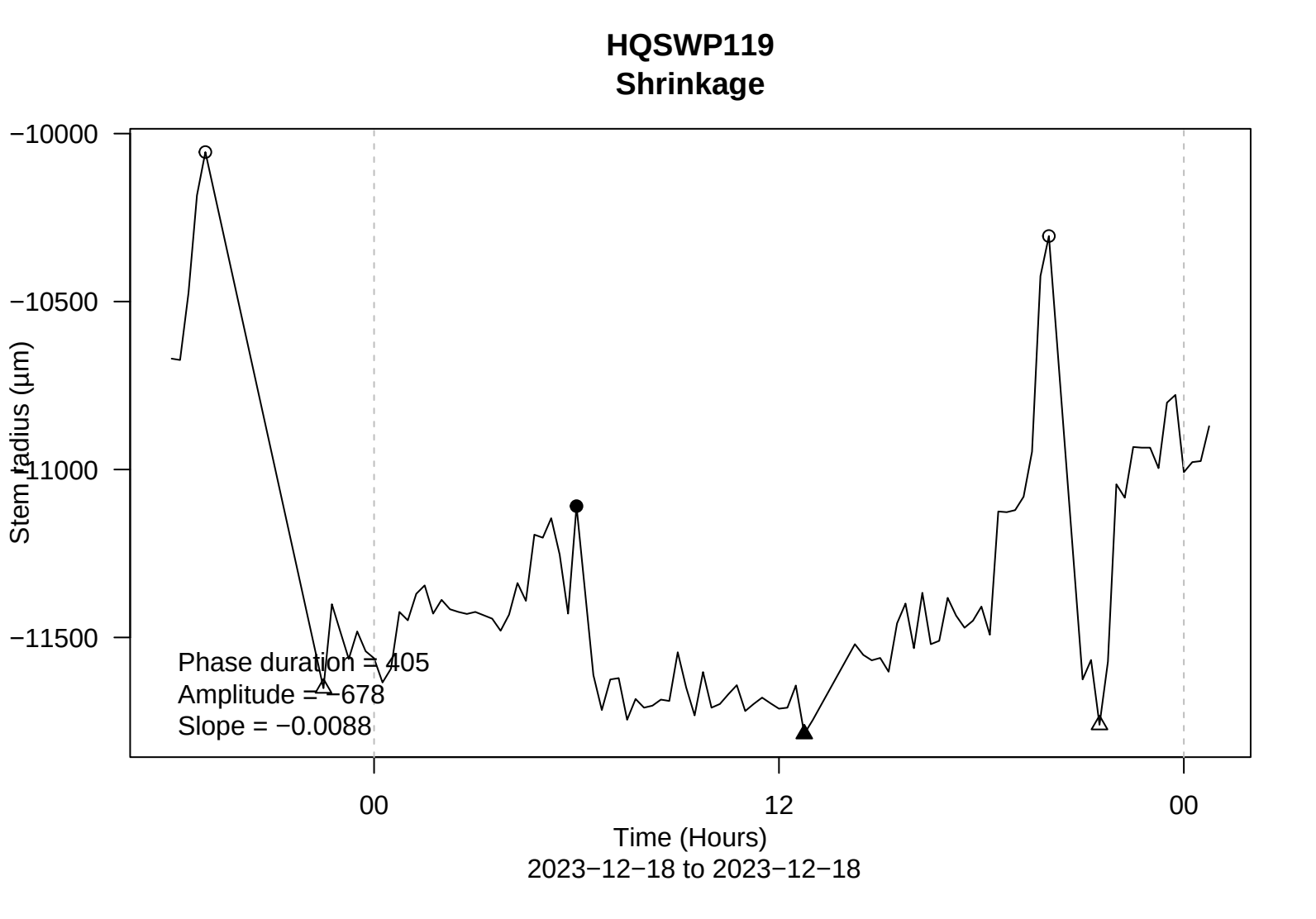

HQSWP119
Shrinkage
−10500
−11000
−11500
−12000
Stem radius (µm)
Phase duration = 255
Amplitude = −1717
Slope = −0.1055
12
18
00
06
12
Time (Hours)
2023−12−14 to 2023−12−15

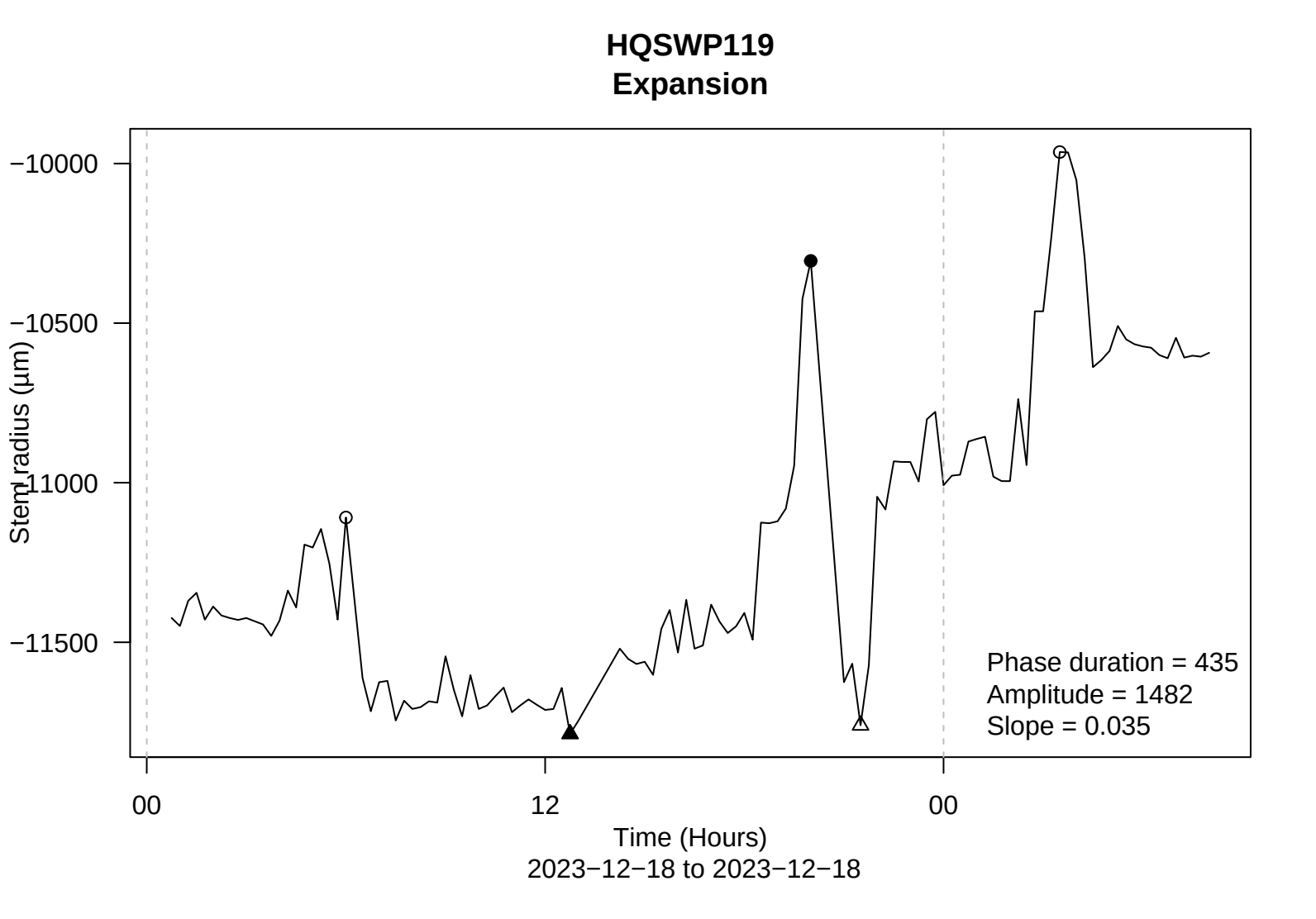

HQSWP119
Shrinkage
−10800
−11000
−11200
−11400
−11600
−11800
Stem radius (µm)
Phase duration = 405
Amplitude = −854
Slope = −0.0056
12
18
00
06
12
Time (Hours)
2023−12−15 to 2023−12−16

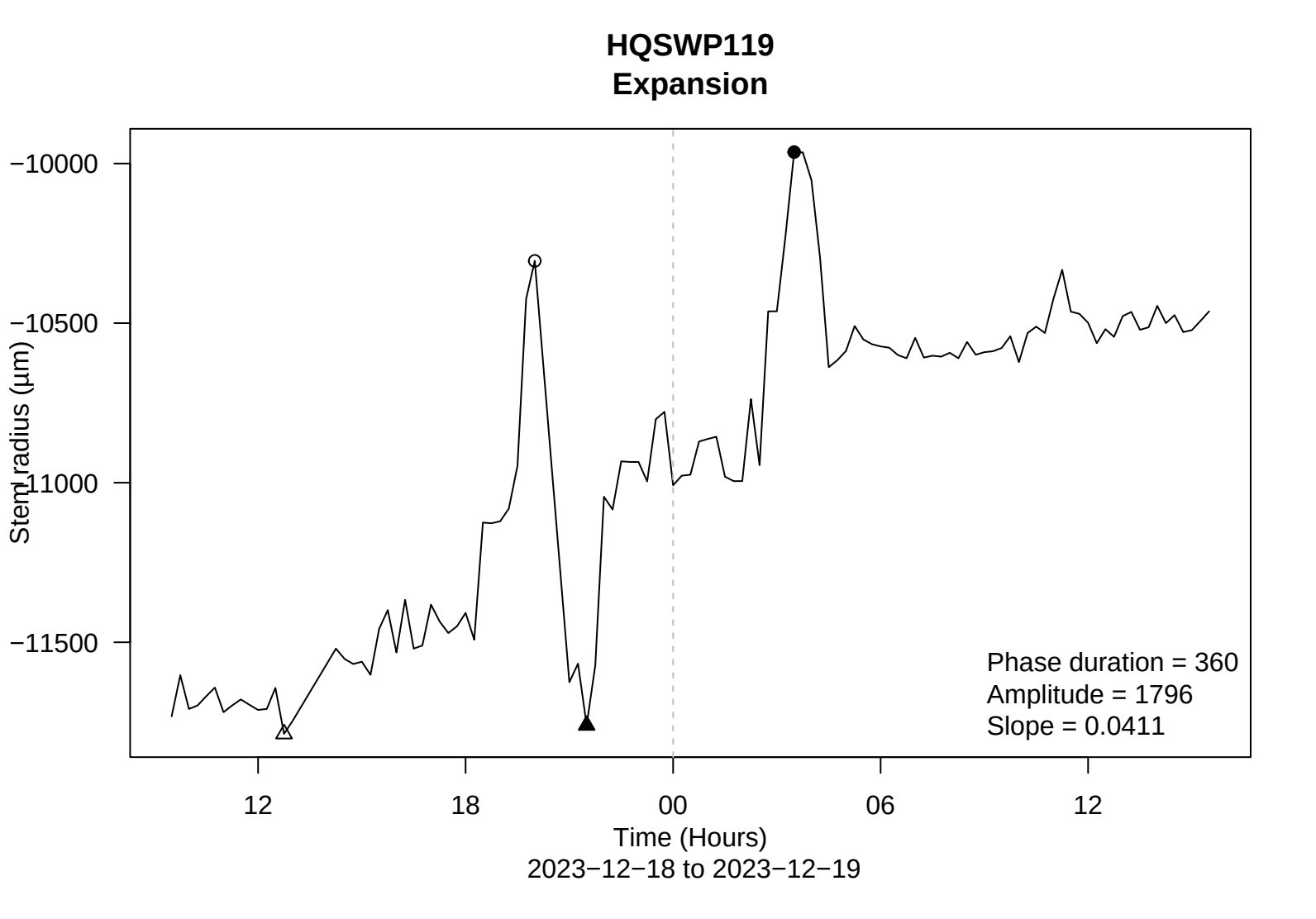

HQSWP119
Expansion
−10500
−11000
−11500
Stem radius (µm)
Phase duration = 1245
Amplitude = 1624
Slope = 0.0149
00
12
00
12
Time (Hours)
2023−12−16 to 2023−12−17

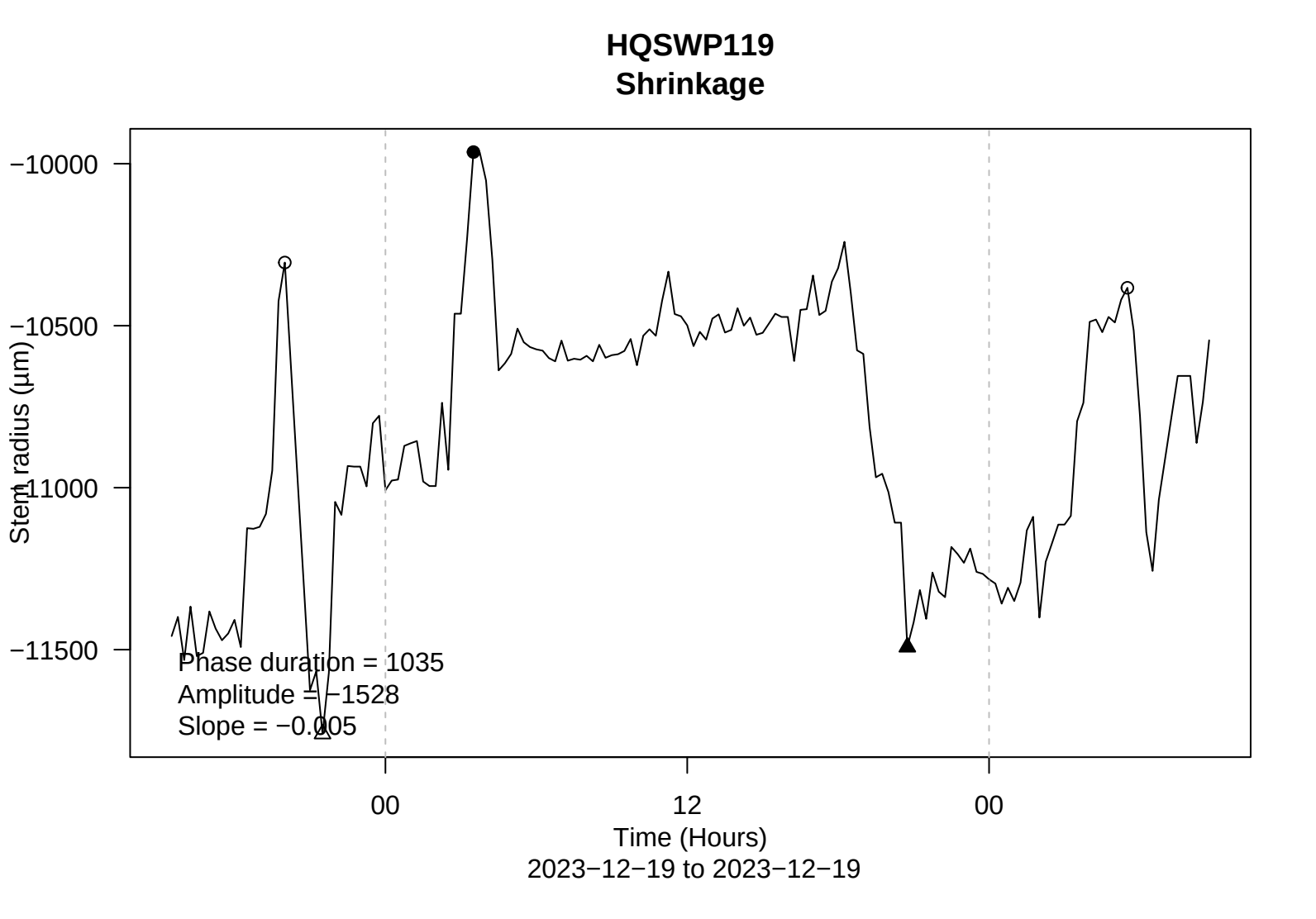

HQSWP119
Expansion
−10000
−10500
−11000
−11500
Stem radius (µm)
Phase duration = 915
Amplitude = 1712
Slope = 0.0219
00
12
00
Time (Hours)
2023−12−17 to 2023−12−17

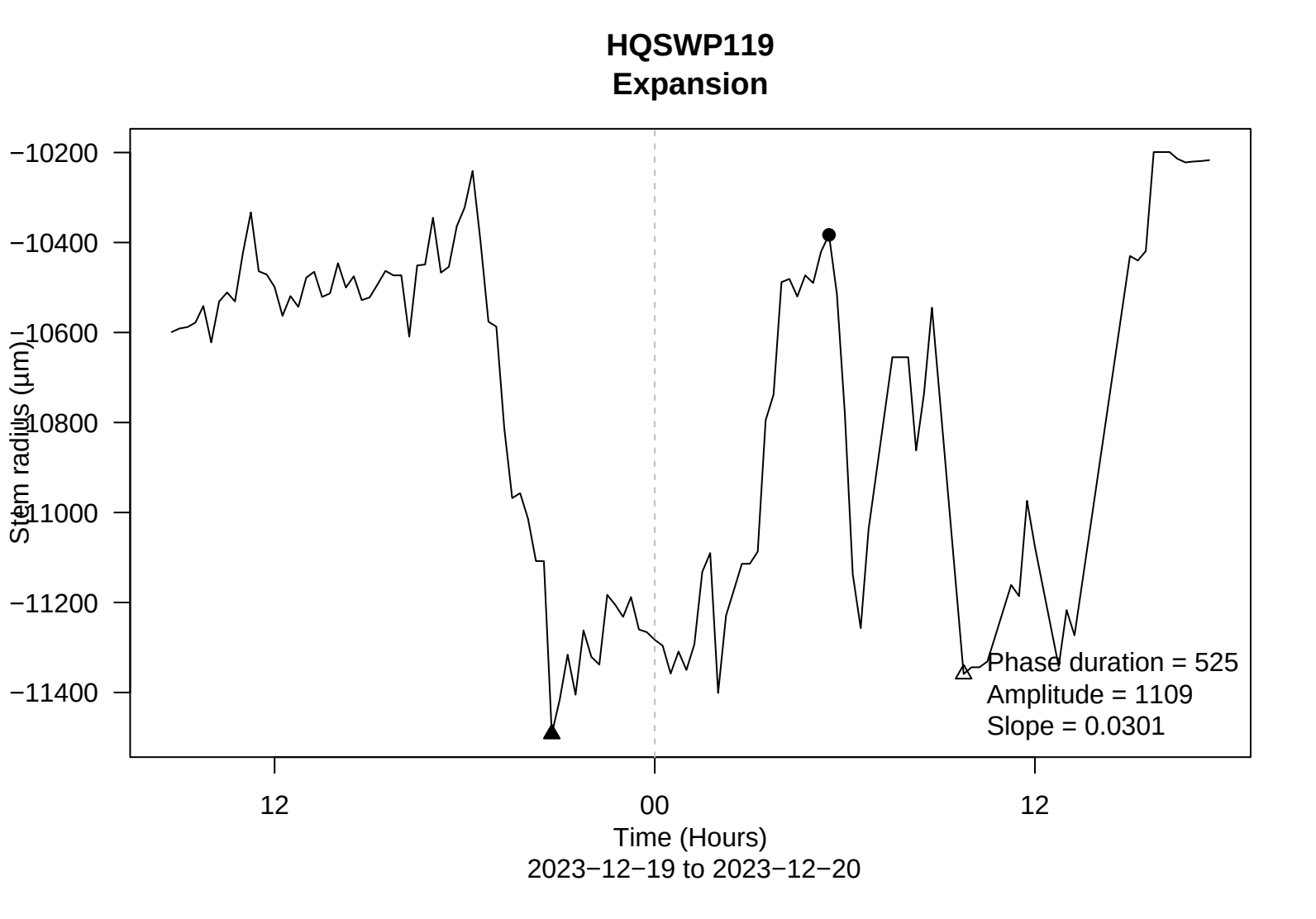

HQSWP119
Expansion
−10000
−10500
−11000
−11500
Stem radius (µm)
Phase duration = 450
Amplitude = 542
Slope = 0.0119
12
00
12
Time (Hours)
2023−12−17 to 2023−12−18

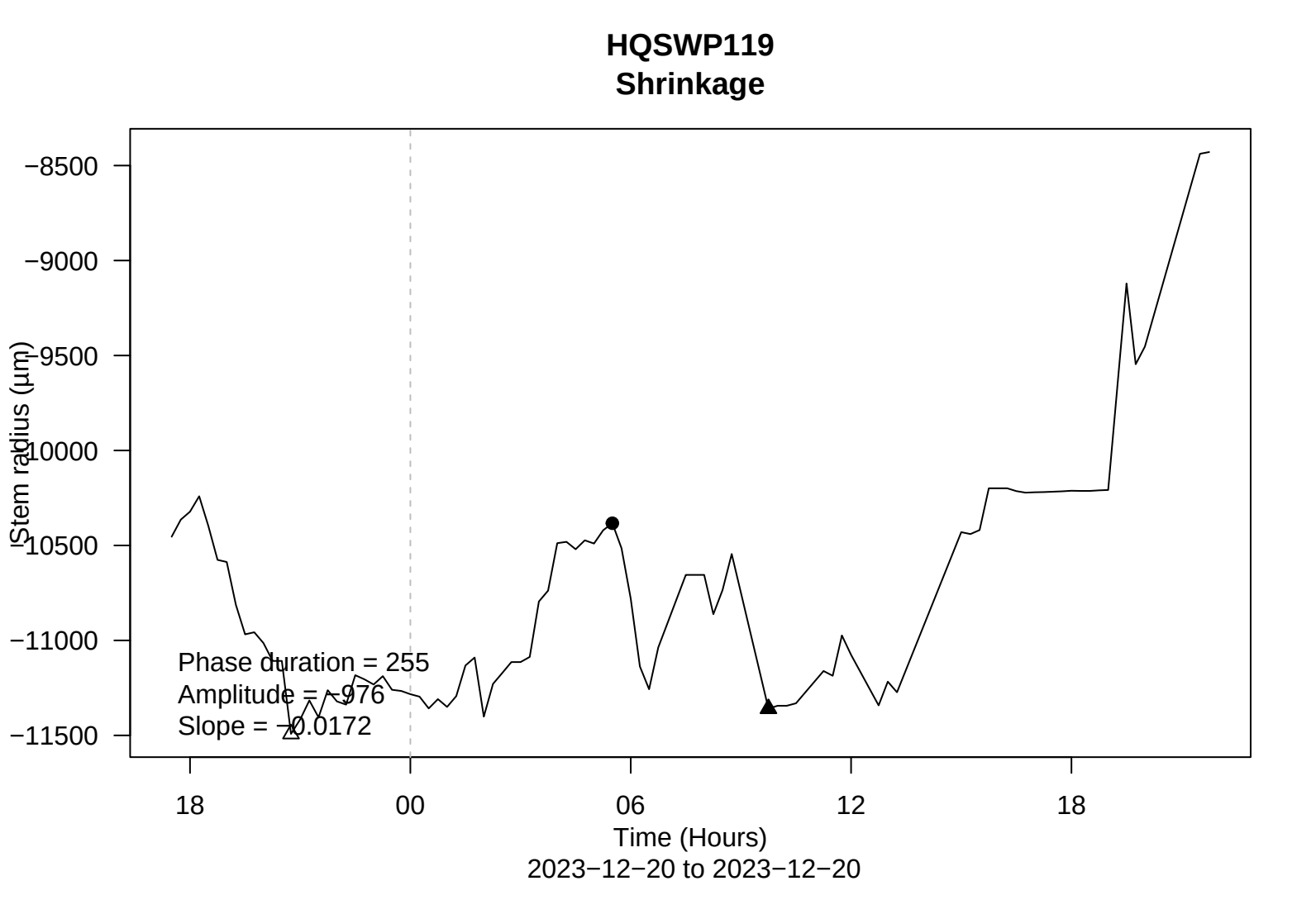

HQSWP119
Shrinkage
−10000
−10500
−11000
−11500
Stem radius (µm)
Phase duration = 405
Amplitude = −678
Slope = −0.0088
00
12
00
Time (Hours)
2023−12−18 to 2023−12−18

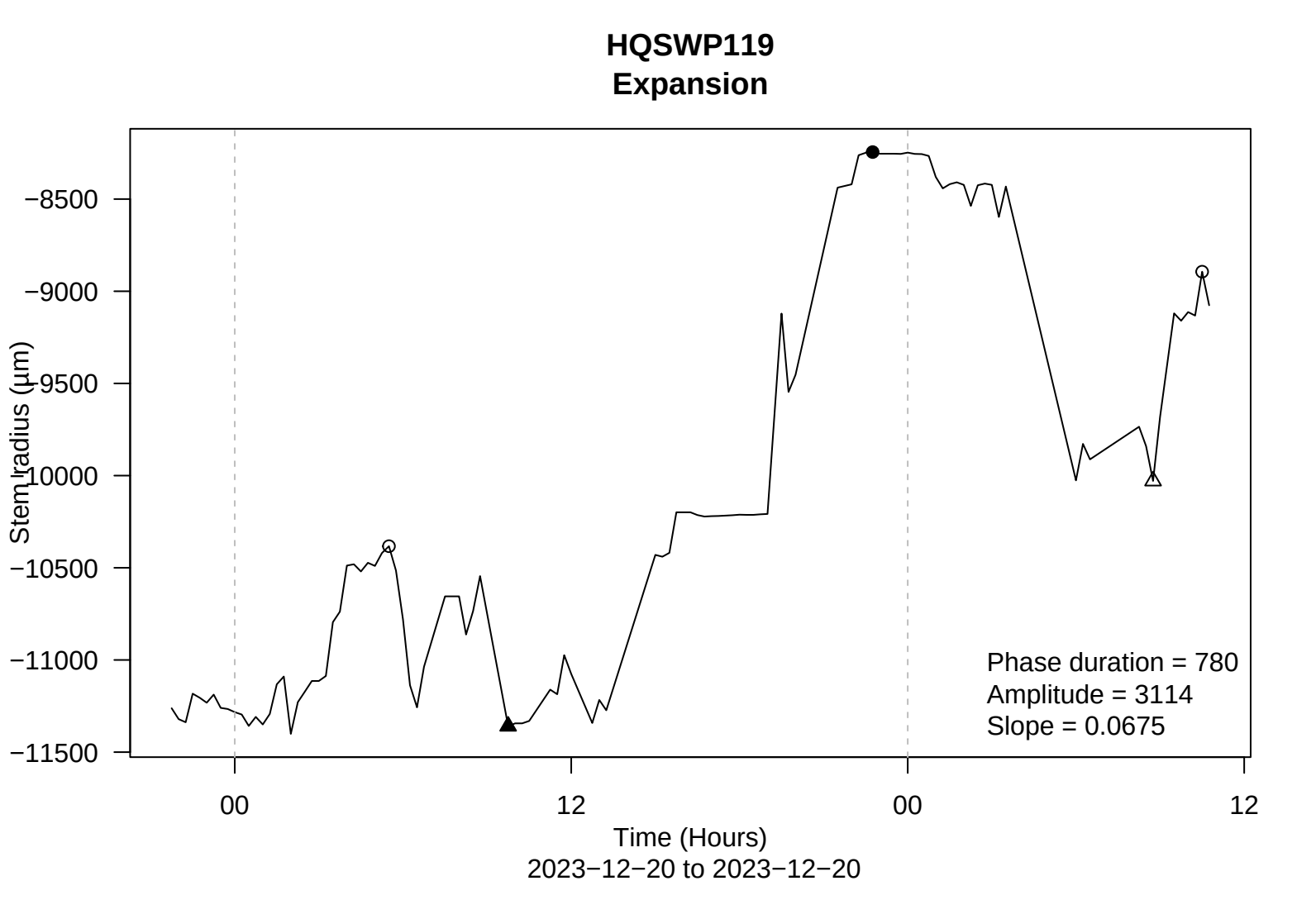

HQSWP119
Expansion
−10000
−10500
−11000
−11500
Stem radius (µm)
Phase duration = 435
Amplitude = 1482
Slope = 0.035
00
12
00
Time (Hours)
2023−12−18 to 2023−12−18

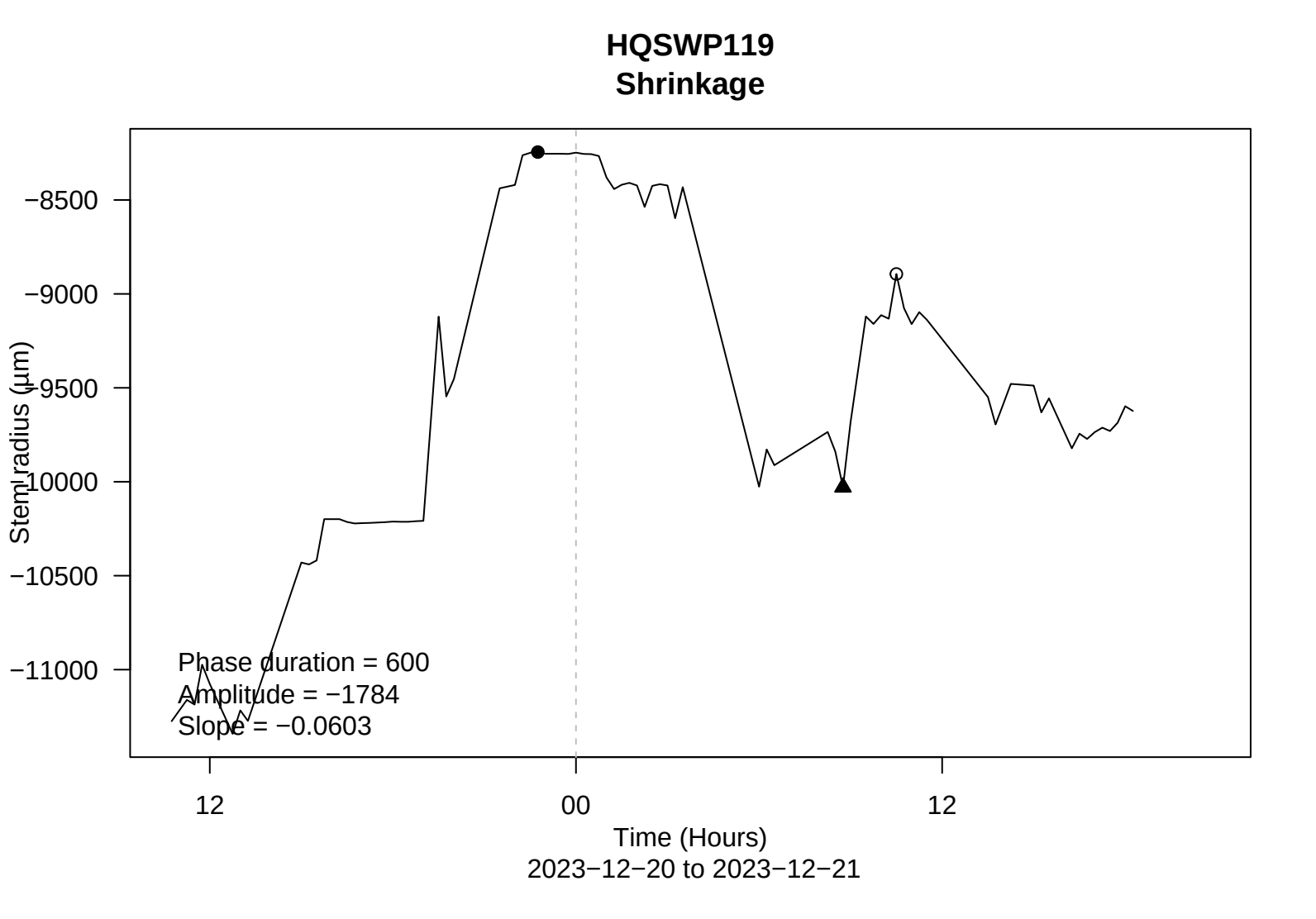

HQSWP119
Expansion
−10000
−10500
−11000
−11500
Stem radius (µm)
Phase duration = 360
Amplitude = 1796
Slope = 0.0411
12
18
00
06
12
Time (Hours)
2023−12−18 to 2023−12−19

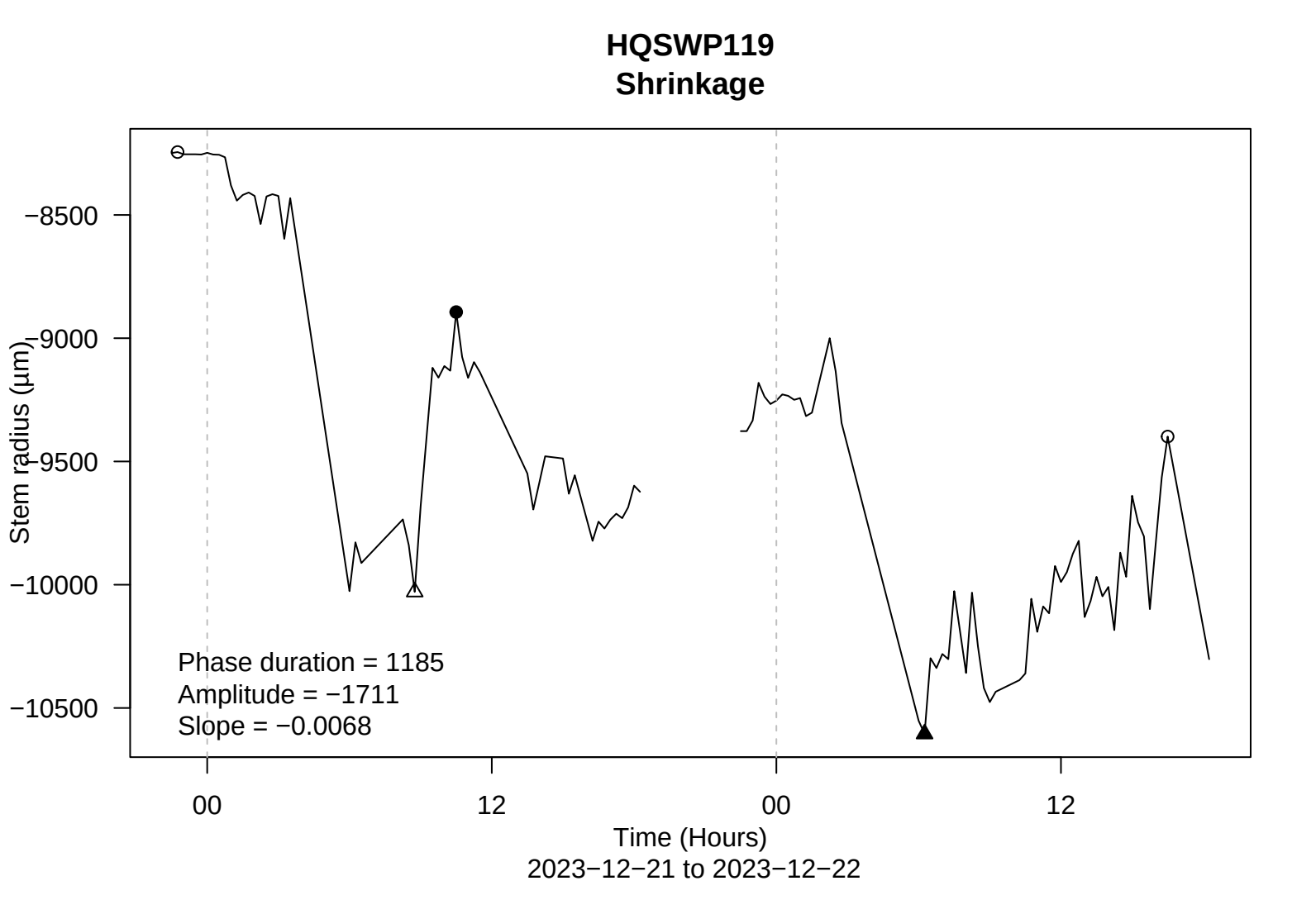

HQSWP119
Shrinkage
−10000
−10500
−11000
−11500
Stem radius (µm)
Phase duration = 1035
Amplitude = −1528
Slope = −0.005
00
12
00
Time (Hours)
2023−12−19 to 2023−12−19

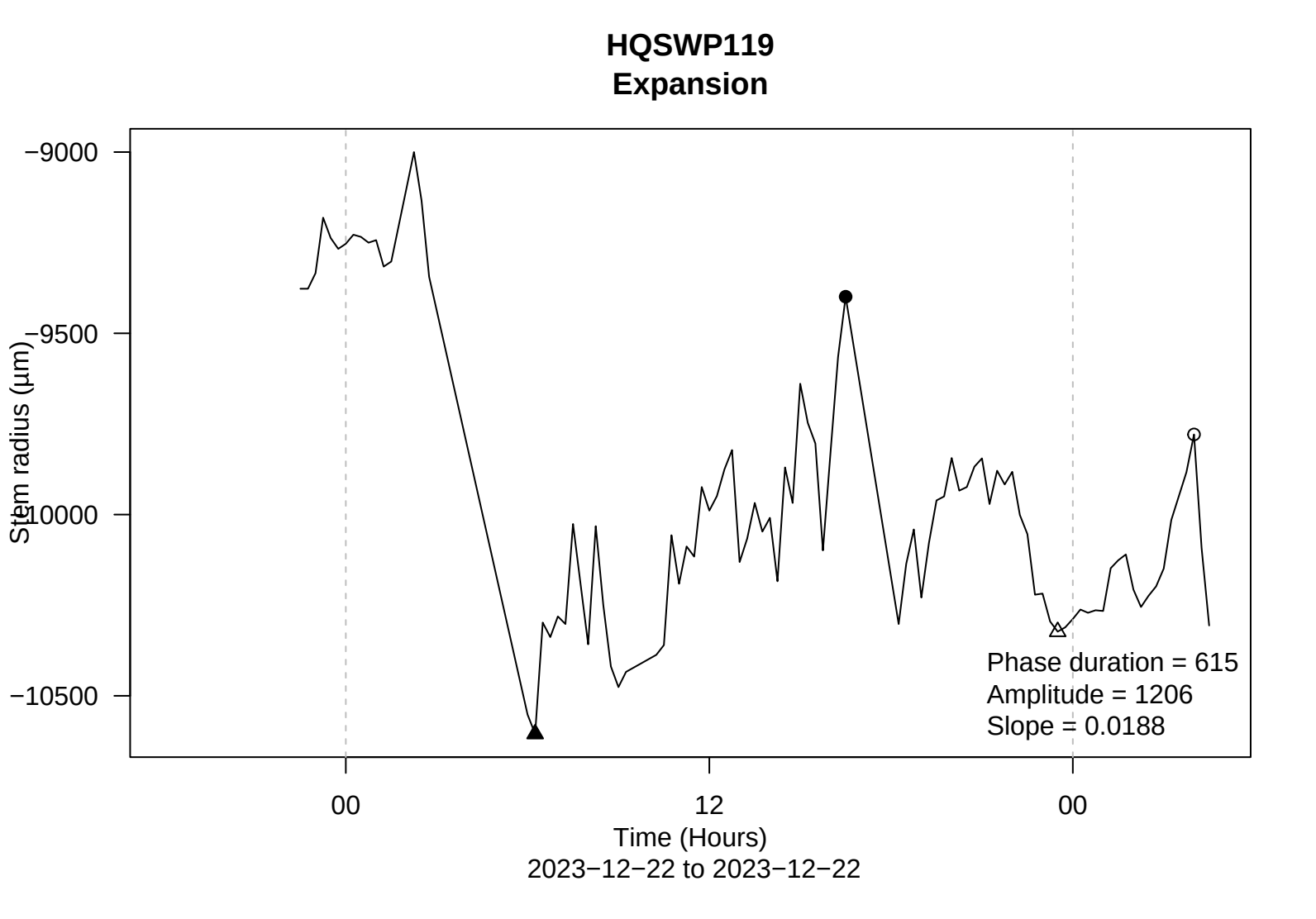

HQSWP119
Expansion
−10200
−10400
−10600
−10800
−11000
−11200
−11400
Stem radius (µm)
Phase duration = 525
Amplitude = 1109
Slope = 0.0301
12
00
12
Time (Hours)
2023−12−19 to 2023−12−20

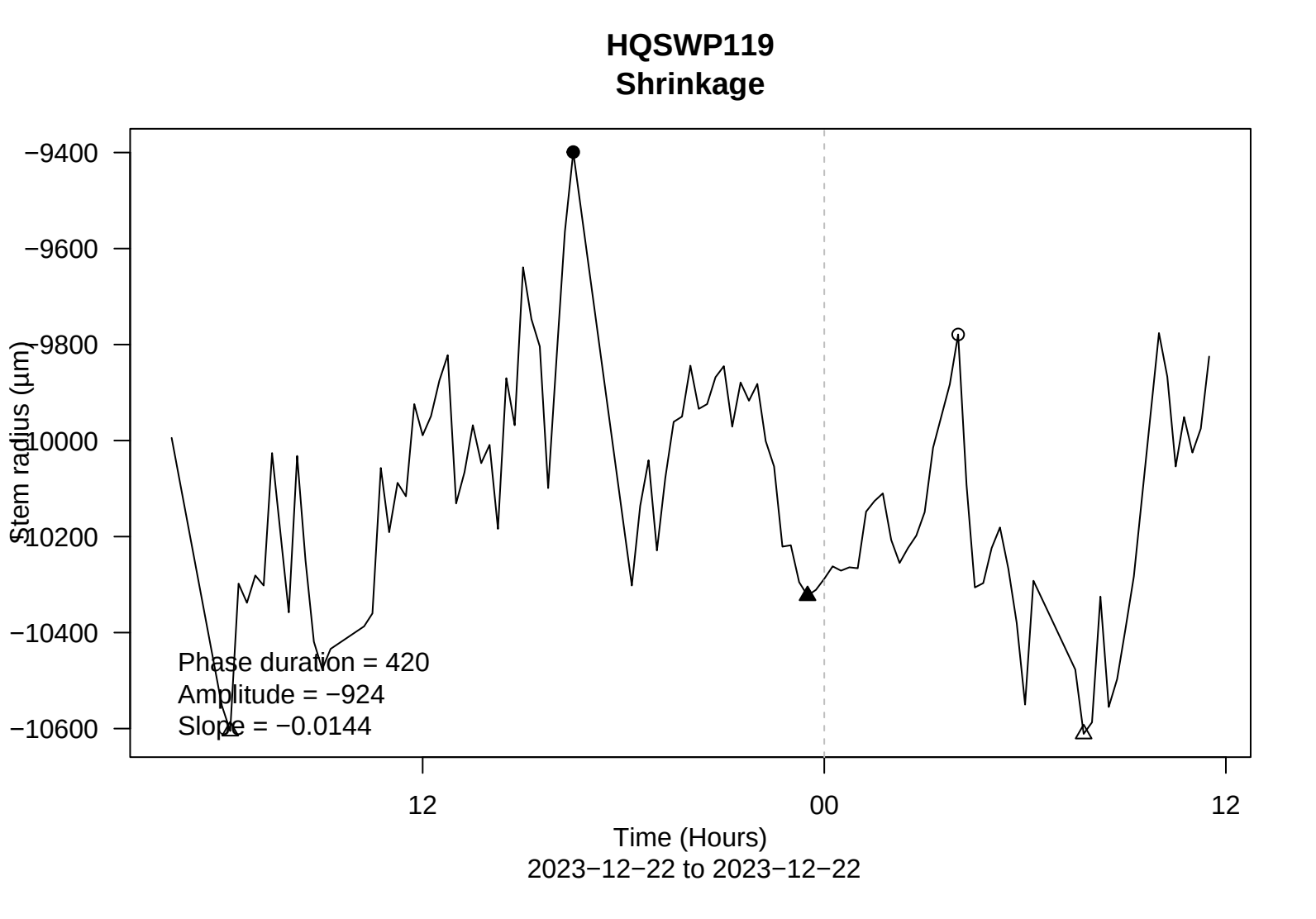

HQSWP119
Shrinkage
−8500
−9000
−9500
−10000
−10500
−11000
−11500
Stem radius (µm)
Phase duration = 255
Amplitude = −976
Slope = −0.0172
18
00
06
12
18
Time (Hours)
2023−12−20 to 2023−12−20

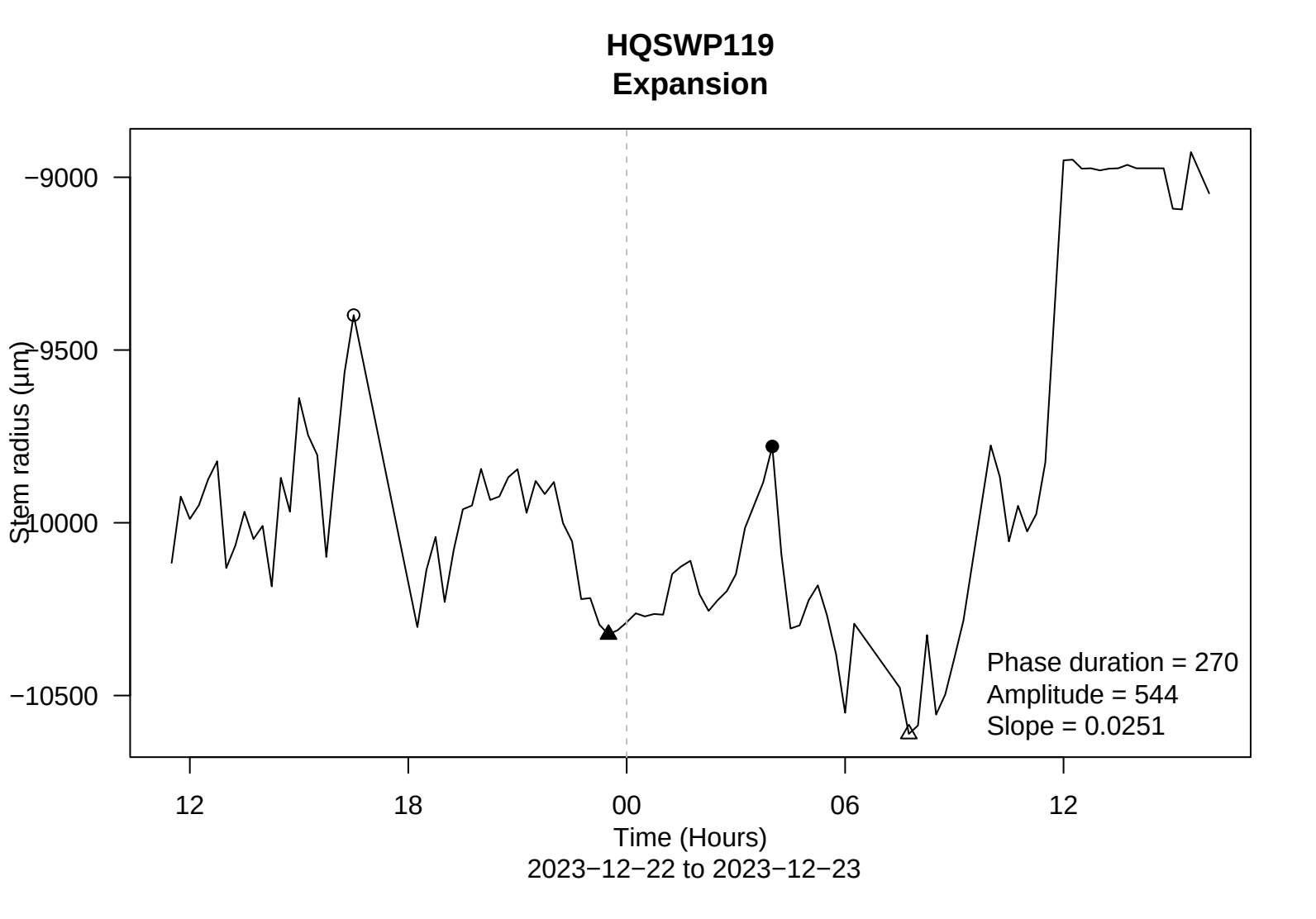

HQSWP119
Expansion
−8500
−9000
−9500
−10000
−10500
−11000
−11500
Stem radius (µm)
00
12
00
12
Time (Hours)
2023−12−20 to 2023−12−20
Phase duration = 780
Amplitude = 3114
Slope = 0.0675

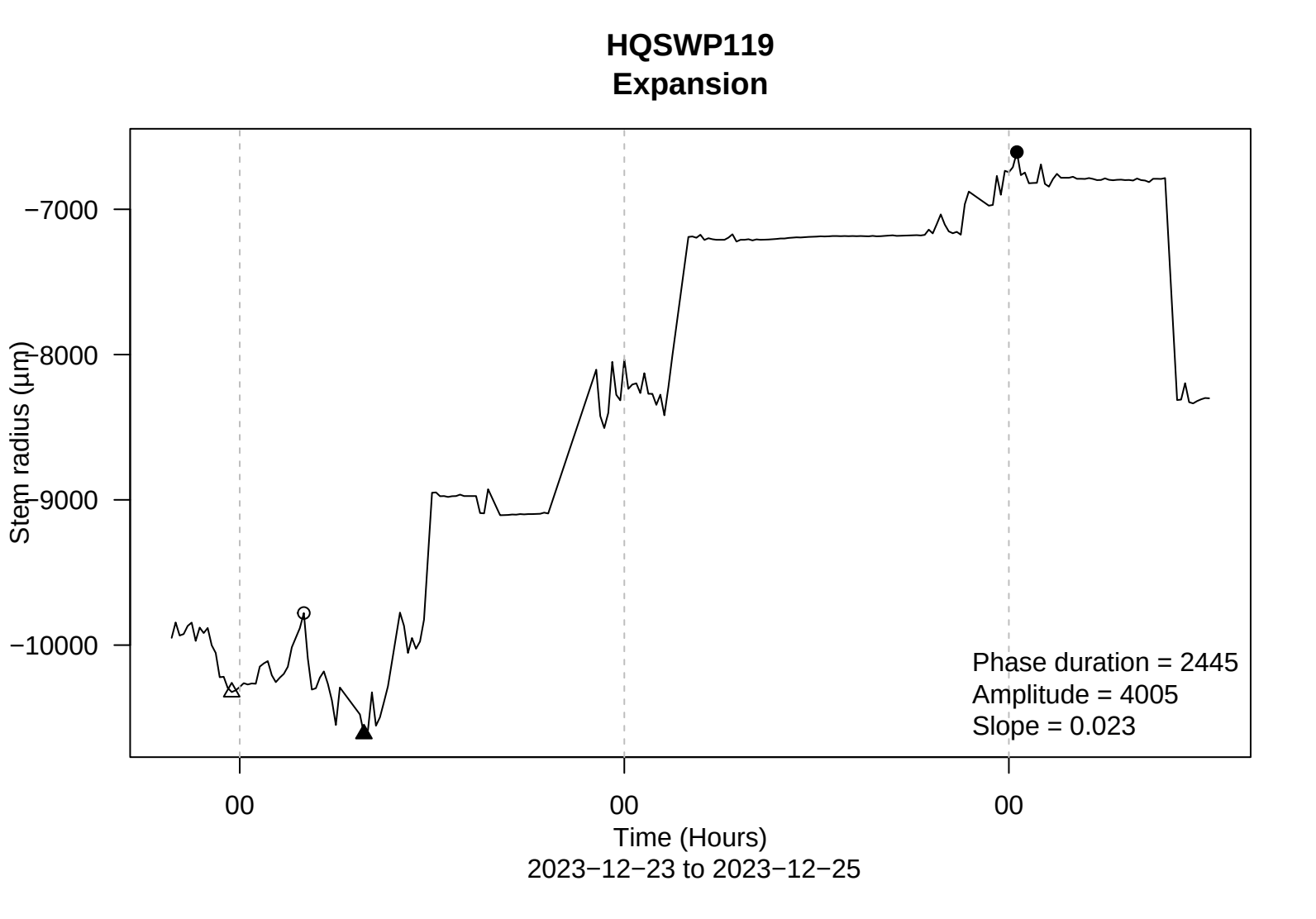

HQSWP119
Shrinkage
−8500
−9000
−9500
−10000
−10500
−11000
Stem radius (µm)
Phase duration = 600
Amplitude = −1784
Slope = −0.0603
12
00
12
Time (Hours)
2023−12−20 to 2023−12−21

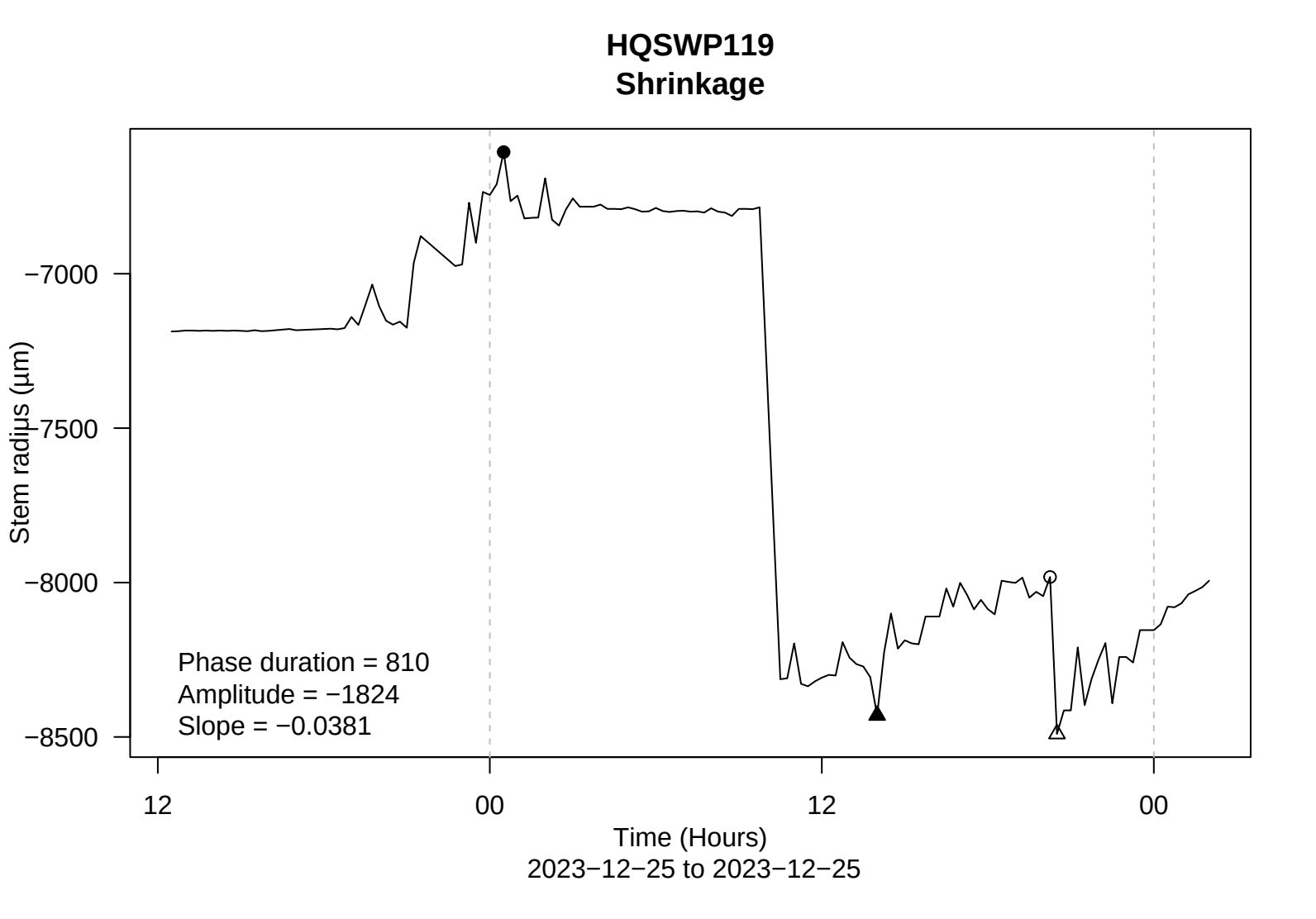

HQSWP119
Shrinkage
−8500
−9000
−9500
−10000
−10500
Stem radius (µm)
Phase duration = 1185
Amplitude = −1711
Slope = −0.0068
00
12
00
12
Time (Hours)
2023−12−21 to 2023−12−22

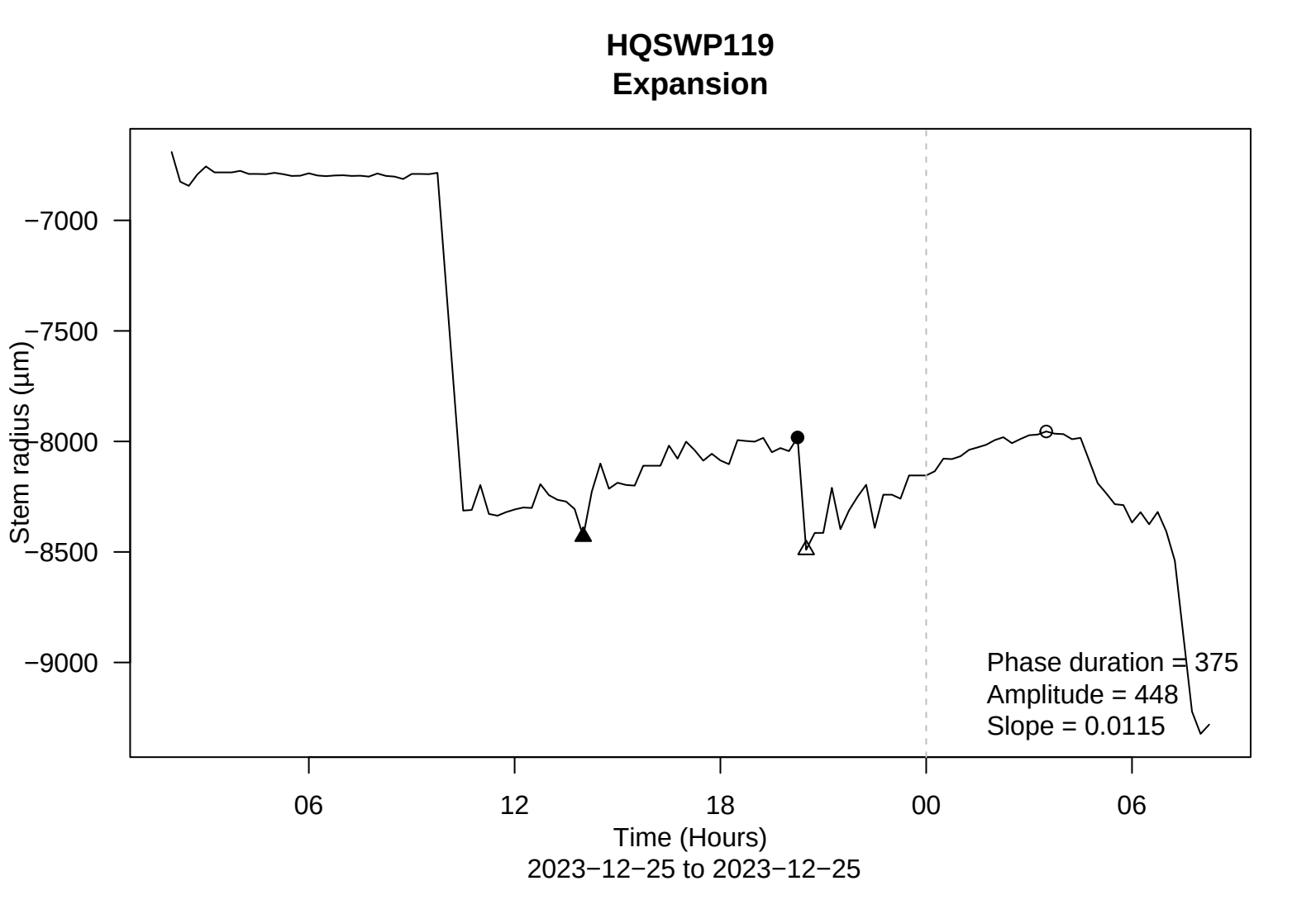

HQSWP119
Expansion
−9000
−9500
−10000
−10500
Stem radius (µm)
Phase duration = 615
Amplitude = 1206
Slope = 0.0188
00
12
00
Time (Hours)
2023−12−22 to 2023−12−22

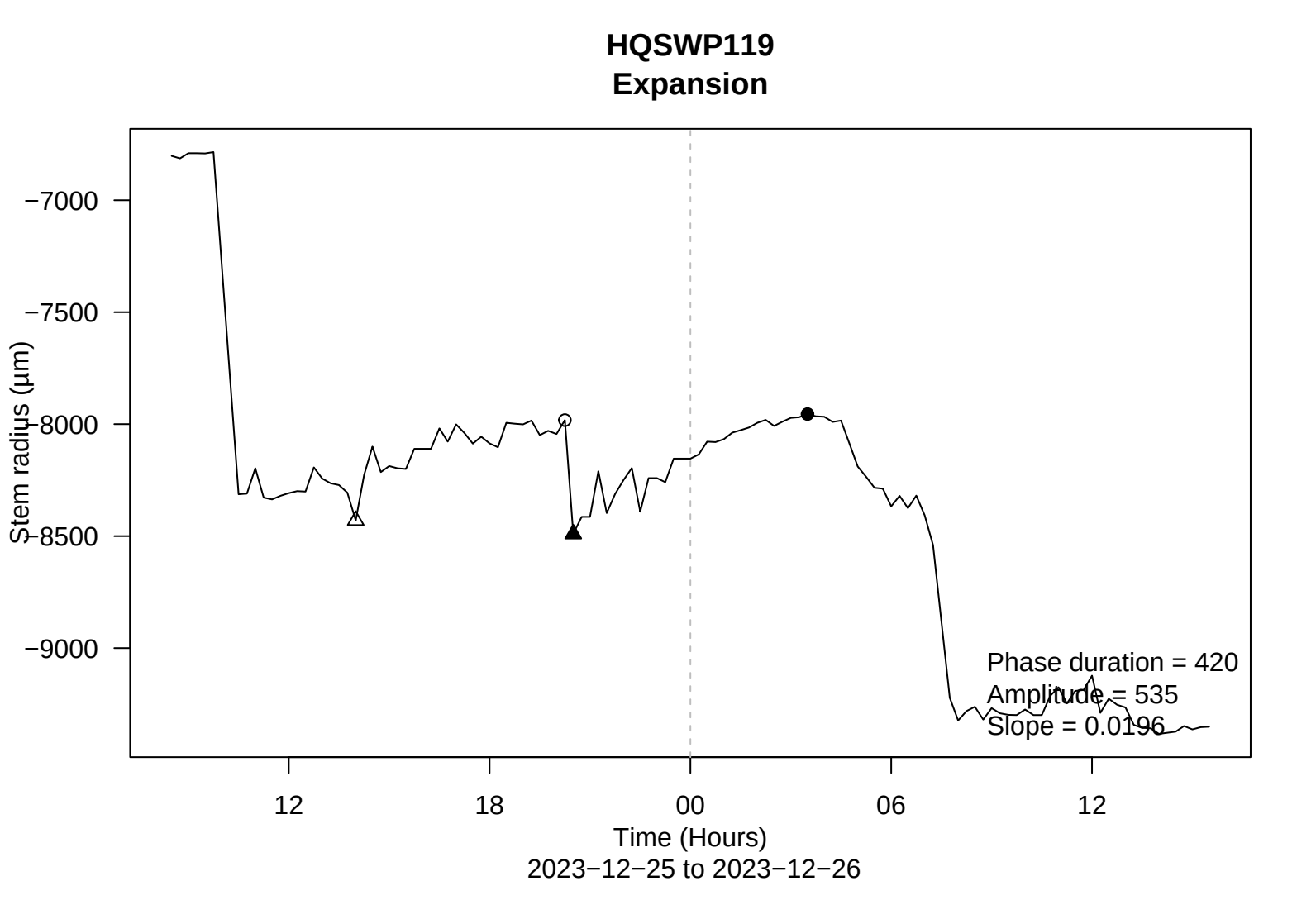

HQSWP119
Shrinkage
−9400
−9600
−9800
−10000
−10200
−10400
−10600
Stem radius (µm)
Phase duration = 420
Amplitude = −924
Slope = −0.0144
12
00
12
Time (Hours)
2023−12−22 to 2023−12−22


HQSWP119
Expansion
−9000
−9500
−10000
−10500
Stem radius (µm)
12
18
00
06
12
Time (Hours)
2023−12−22 to 2023−12−23
Phase duration = 270
Amplitude = 544
Slope = 0.0251


HQSWP119
Expansion
−7000
−8000
−9000
−10000
Stem radius (µm)
Phase duration = 2445
Amplitude = 4005
Slope = 0.023
00
00
00
Time (Hours)
2023−12−23 to 2023−12−25


HQSWP119
Shrinkage
Stem radius (µm)
−7000
−7500
−8000
−8500
Phase duration = 810
Amplitude = −1824
Slope = −0.0381
12
00
12
00
Time (Hours)
2023−12−25 to 2023−12−25


HQSWP119
Expansion
−7000
−7500
−8000
−8500
−9000
Stem radius (µm)
Phase duration = 375
Amplitude = 448
Slope = 0.0115
06
12
18
00
06
Time (Hours)
2023−12−25 to 2023−12−25


HQSWP119
Expansion
−7000
−7500
−8000
−8500
−9000
Stem radius (µm)
Phase duration = 420
Amplitude = 535
Slope = 0.0196
12
18
00
06
12
Time (Hours)
2023−12−25 to 2023−12−26