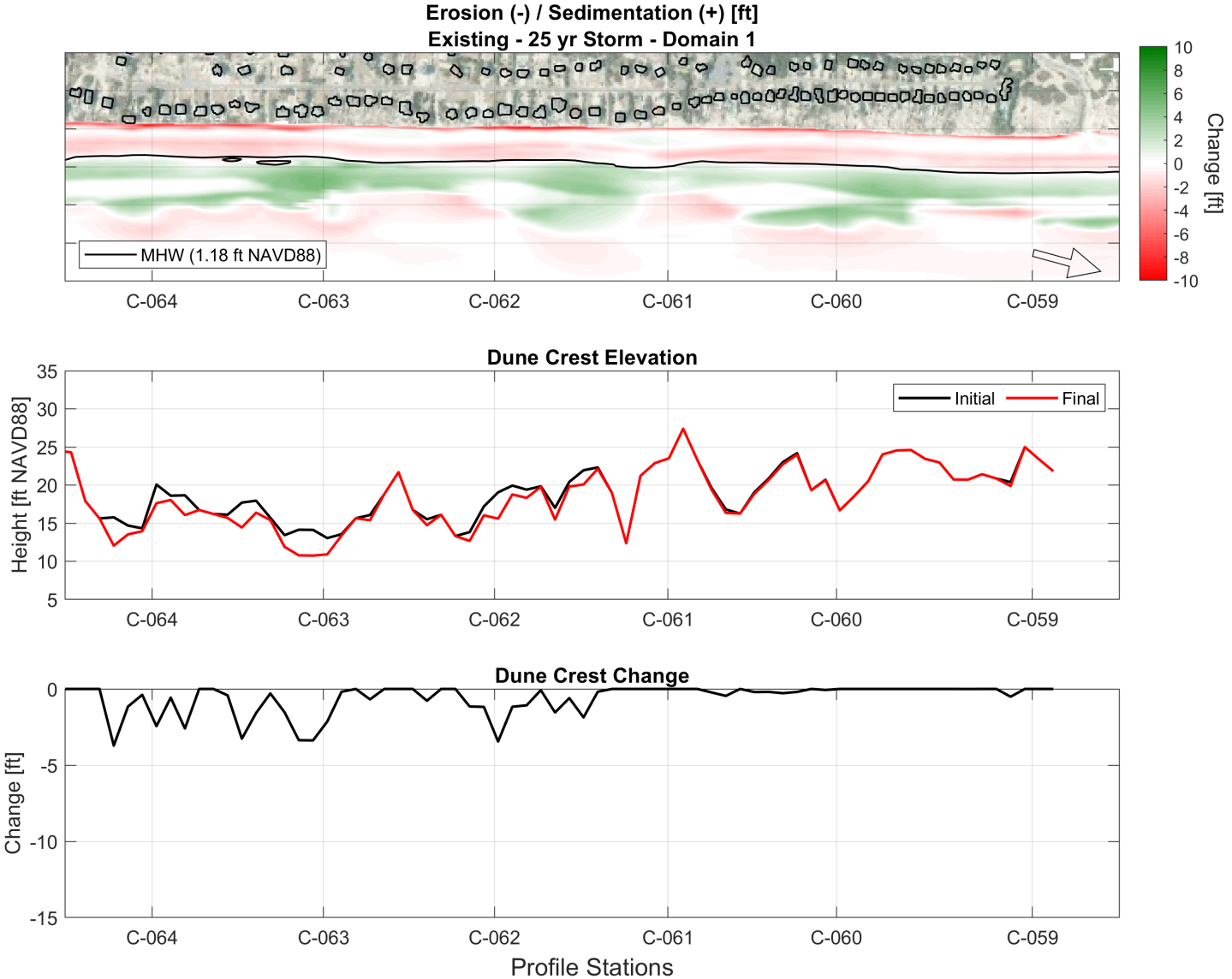
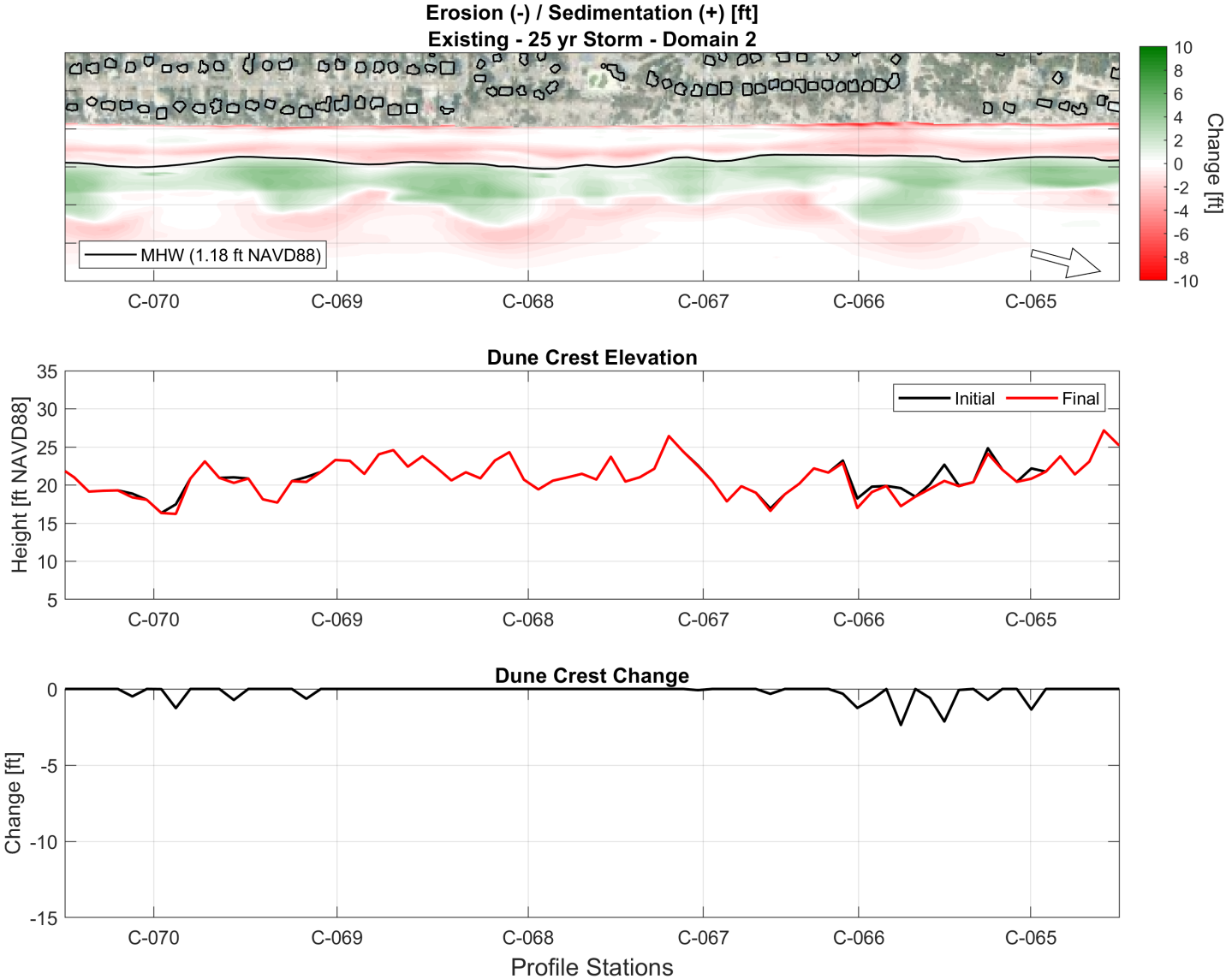
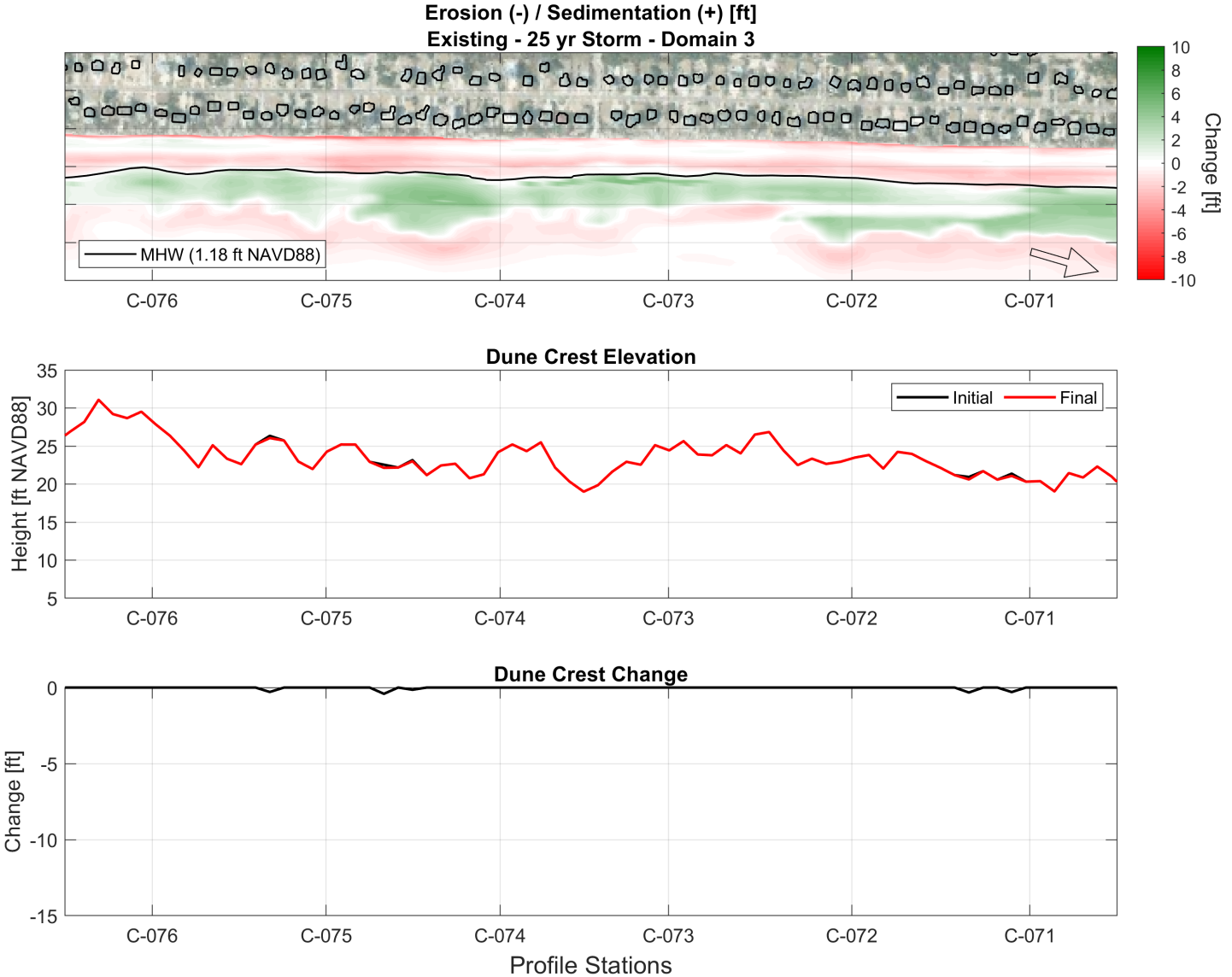
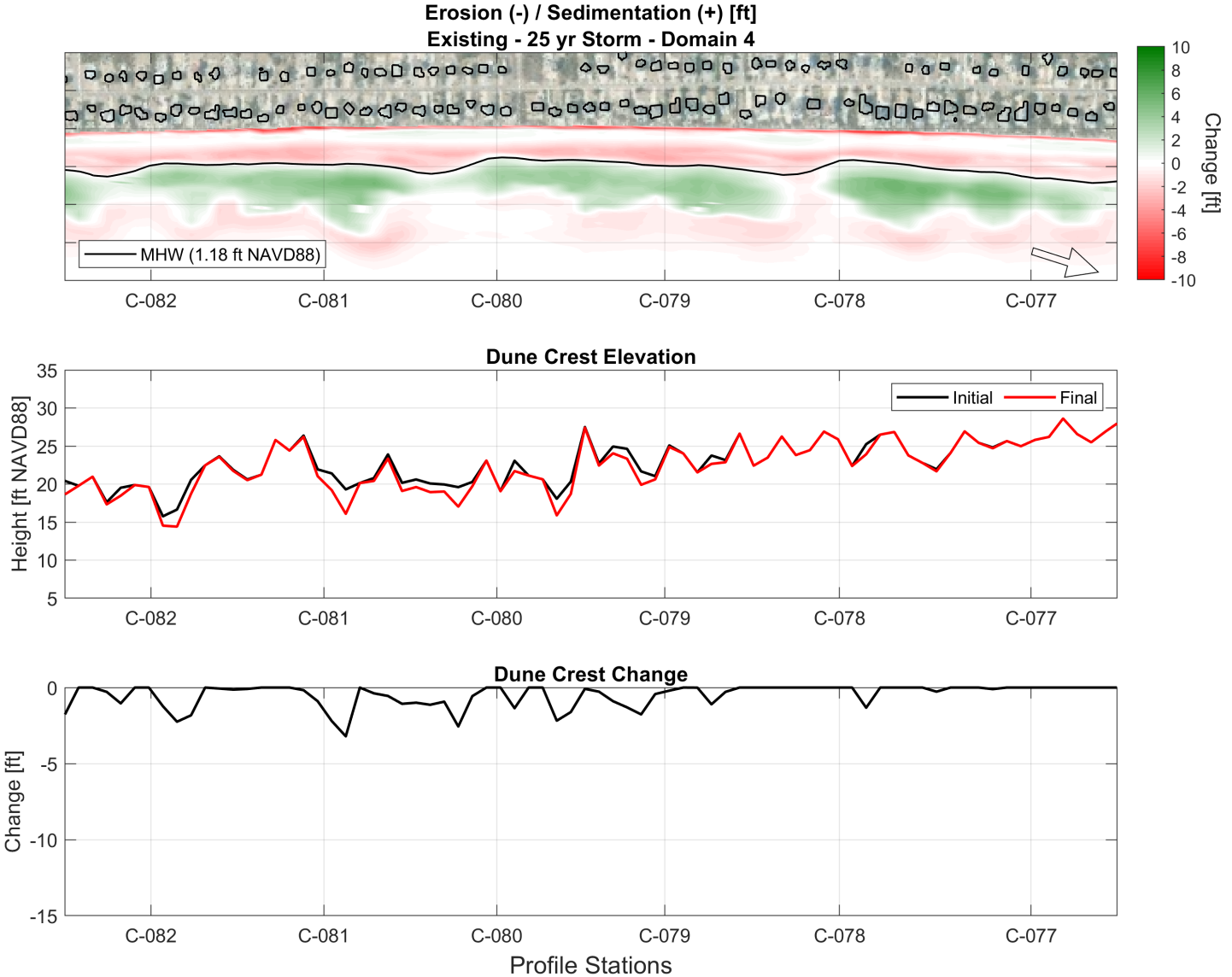
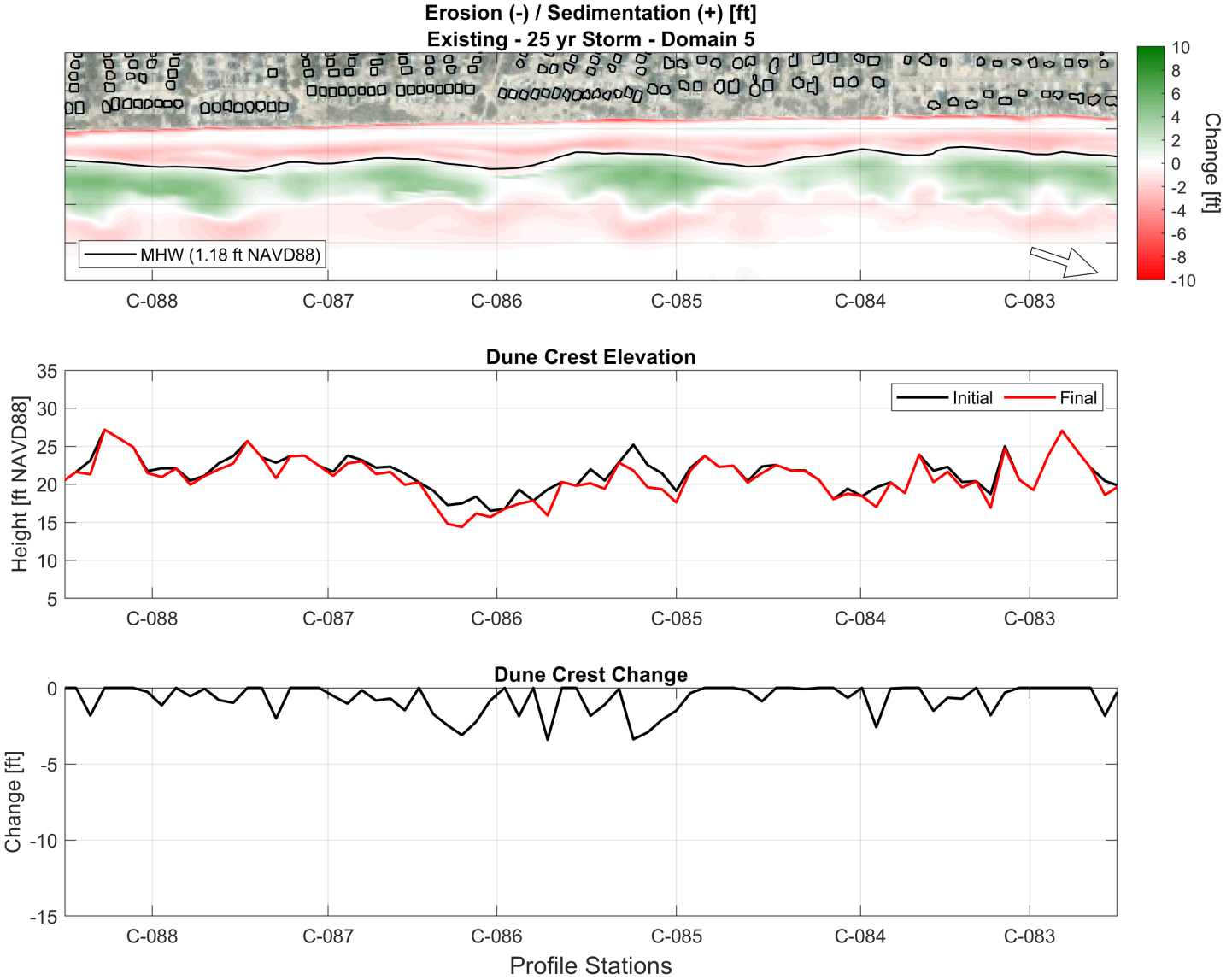
Appendix E
2D Erosion/Sedimentation Patterns and Dune Crest Elevations for Two (2) Storm Scenarios

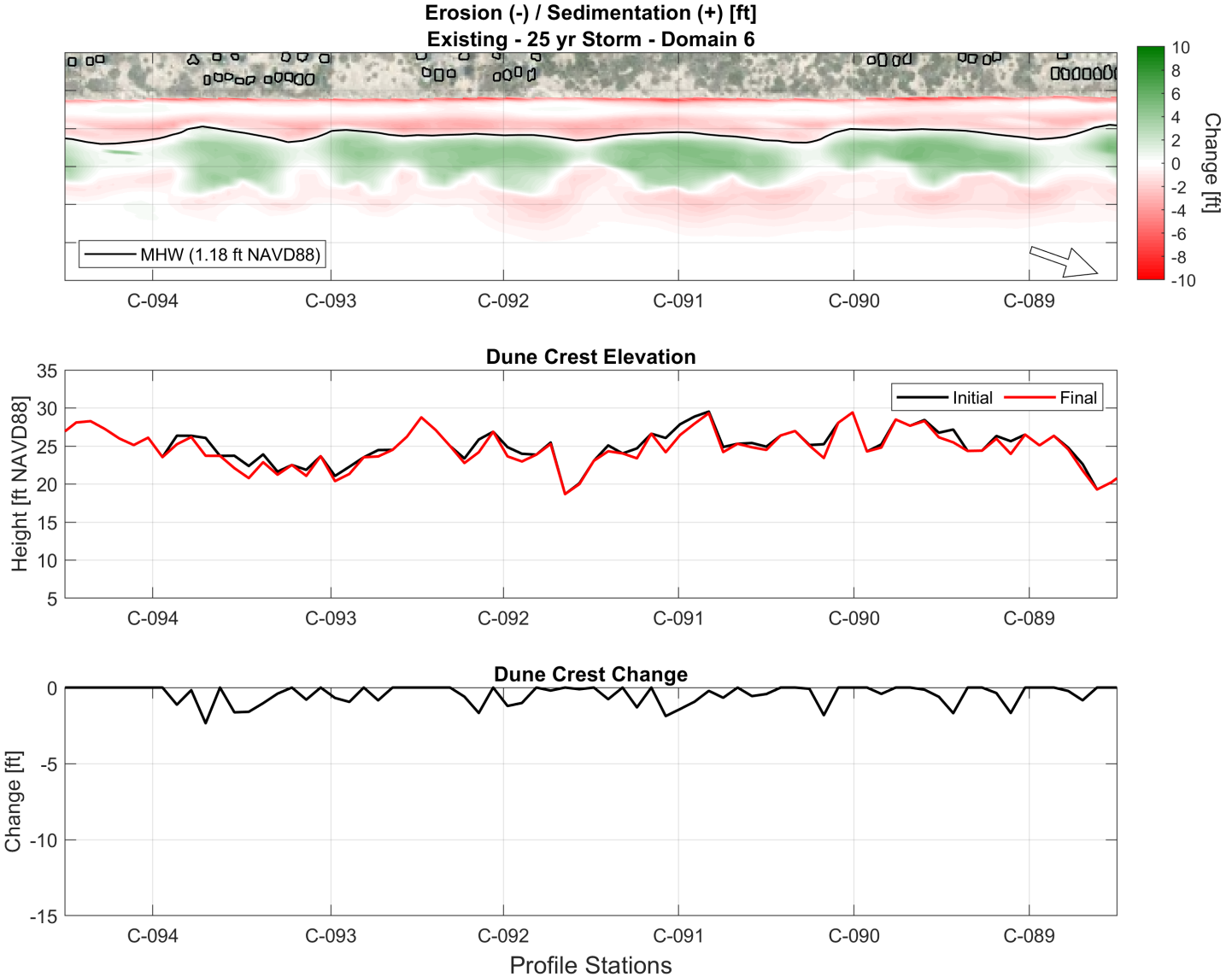

Erosion (-) / Sedimentation (+) [ft]
Existing - 25 yr Storm - Domain 1
MHW (1.18 ft NAVD88)
Change [ft]
10
8
6
4
2
0
-2
-4
-6
-8
-10
C-064
C-063
C-062
C-061
C-060
C-059
Dune Crest Elevation
Height [ft NAVD88]
35
30
25
20
15
10
5
Initial
Final
Dune Crest Change
Change [ft]
0
-5
-10
-15
Profile Stations

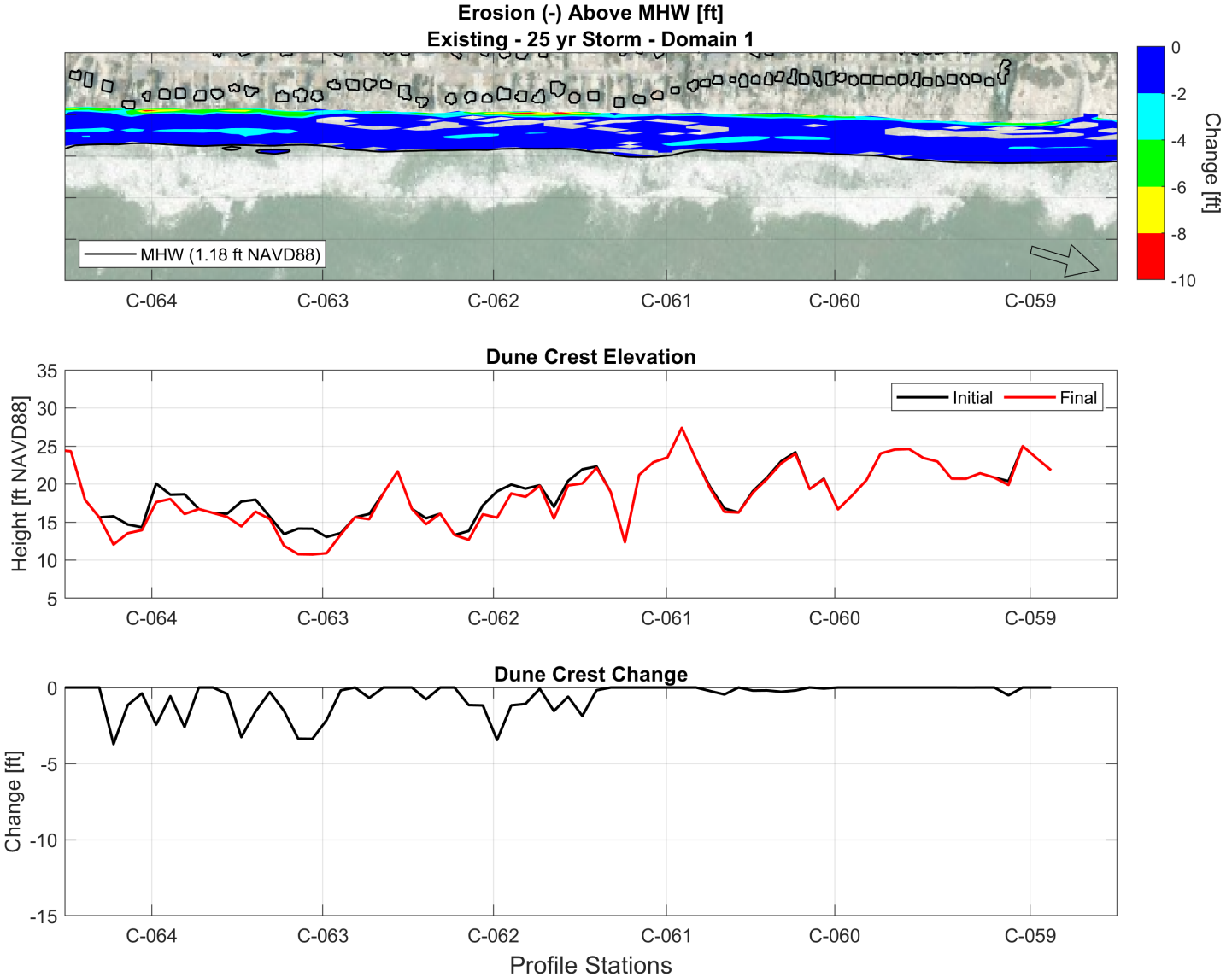

Erosion (-) / Sedimentation (+) [ft]
Existing - 25 yr Storm - Domain 2
MHW (1.18 ft NAVD88)
Change [ft]
10
8
6
4
2
0
-2
-4
-6
-8
-10
C-070
C-069
C-068
C-067
C-066
C-065
Dune Crest Elevation
Height [ft NAVD88]
Initial
Final
35
30
25
20
15
10
5
Dune Crest Change
Change [ft]
0
-5
-10
-15
Profile Stations

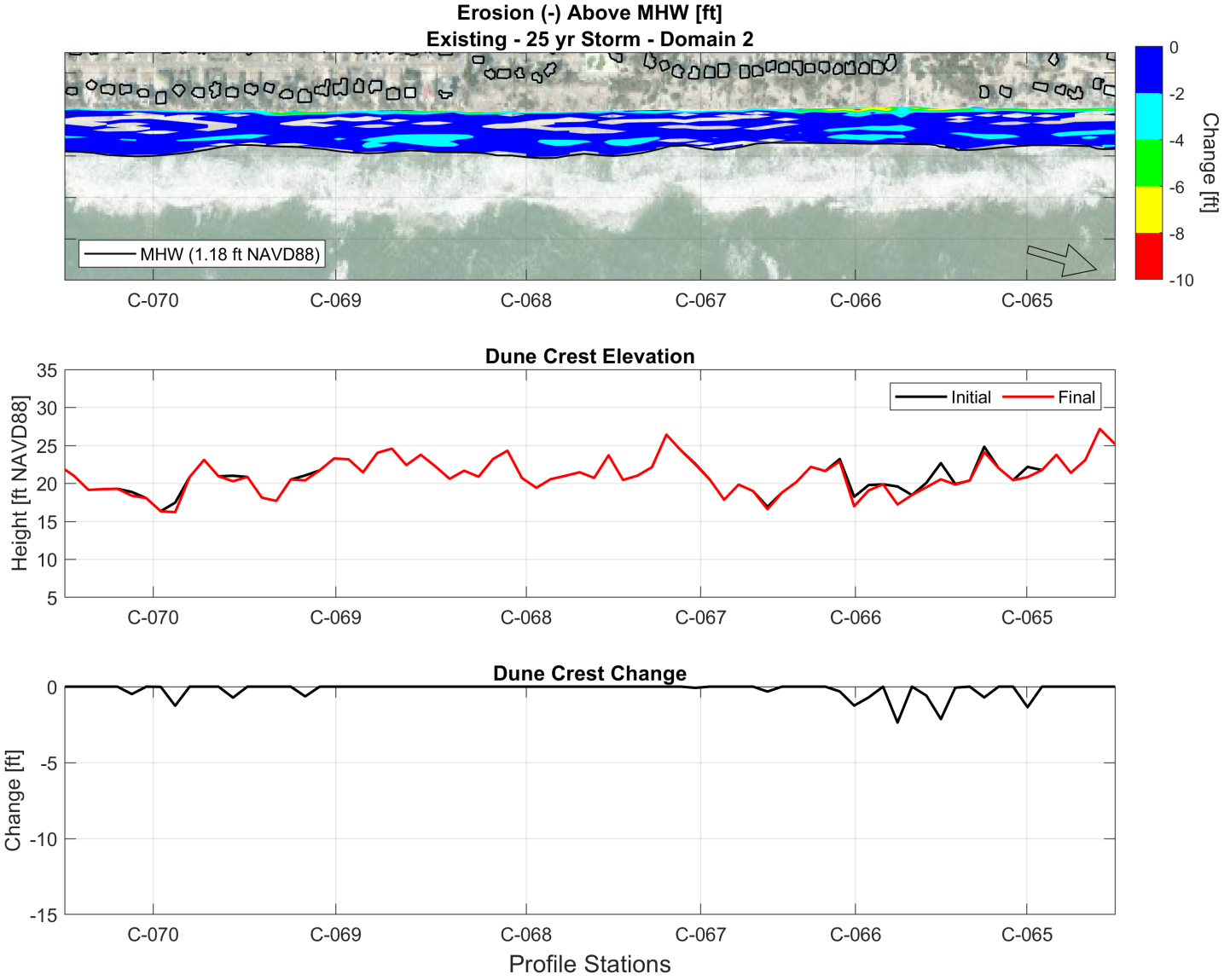

Erosion (-) / Sedimentation (+) [ft]
Existing - 25 yr Storm - Domain 3
MHW (1.18 ft NAVD88)
Change [ft]
10
8
6
4
2
0
-2
-4
-6
-8
-10
C-076
C-075
C-074
C-073
C-072
C-071
Dune Crest Elevation
Height [ft NAVD88]
35
30
25
20
15
10
5
Initial
Final
Dune Crest Change
Change [ft]
0
-5
-10
-15
Profile Stations

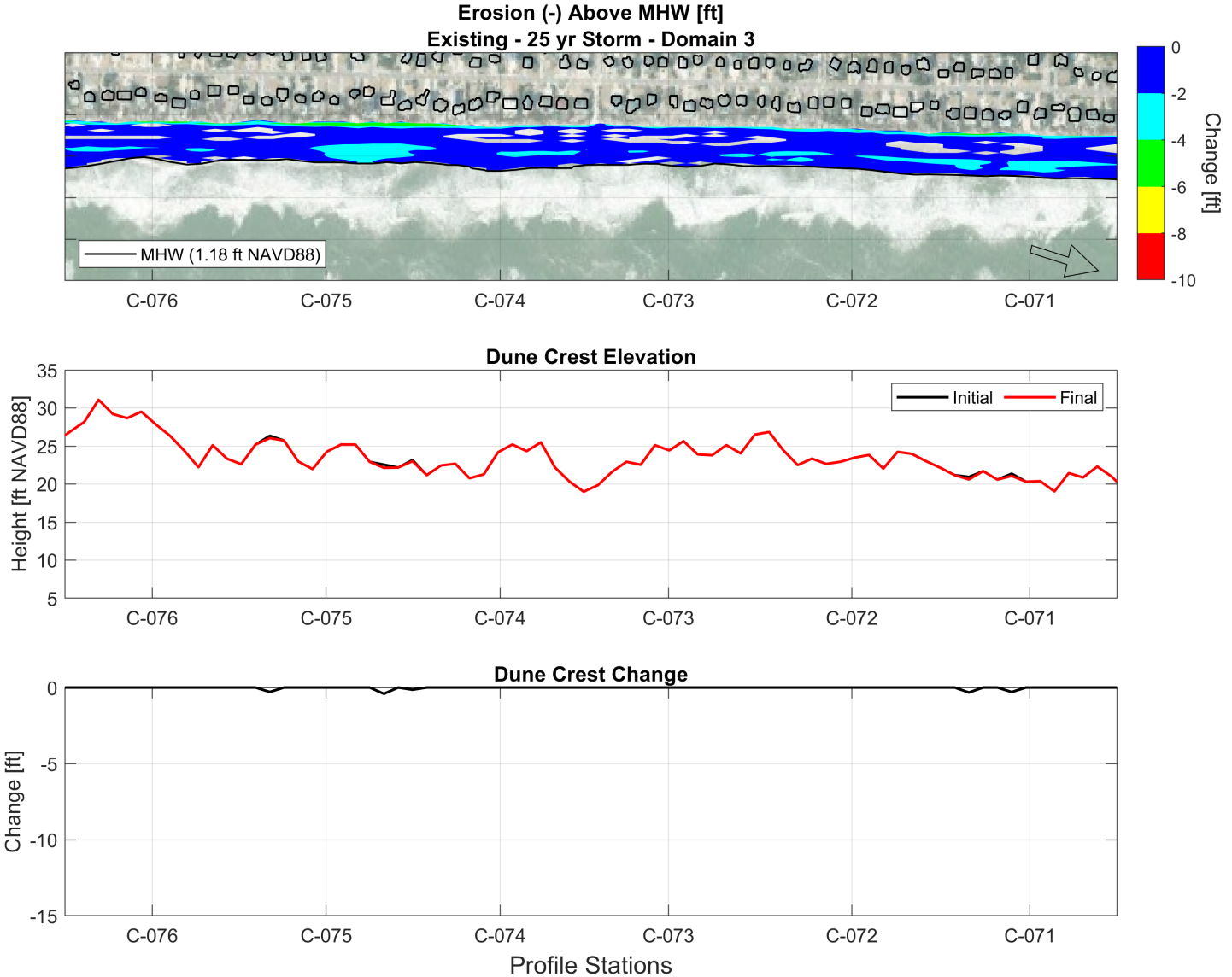

Erosion (-) / Sedimentation (+) [ft]
Existing - 25 yr Storm - Domain 4
MHW (1.18 ft NAVD88)
Change [ft]
10
8
6
4
2
0
-2
-4
-6
-8
-10
C-082
C-081
C-080
C-079
C-078
C-077
Dune Crest Elevation
Height [ft NAVD88]
35
30
25
20
15
10
5
Initial
Final
Dune Crest Change
Change [ft]
0
-5
-10
-15
Profile Stations

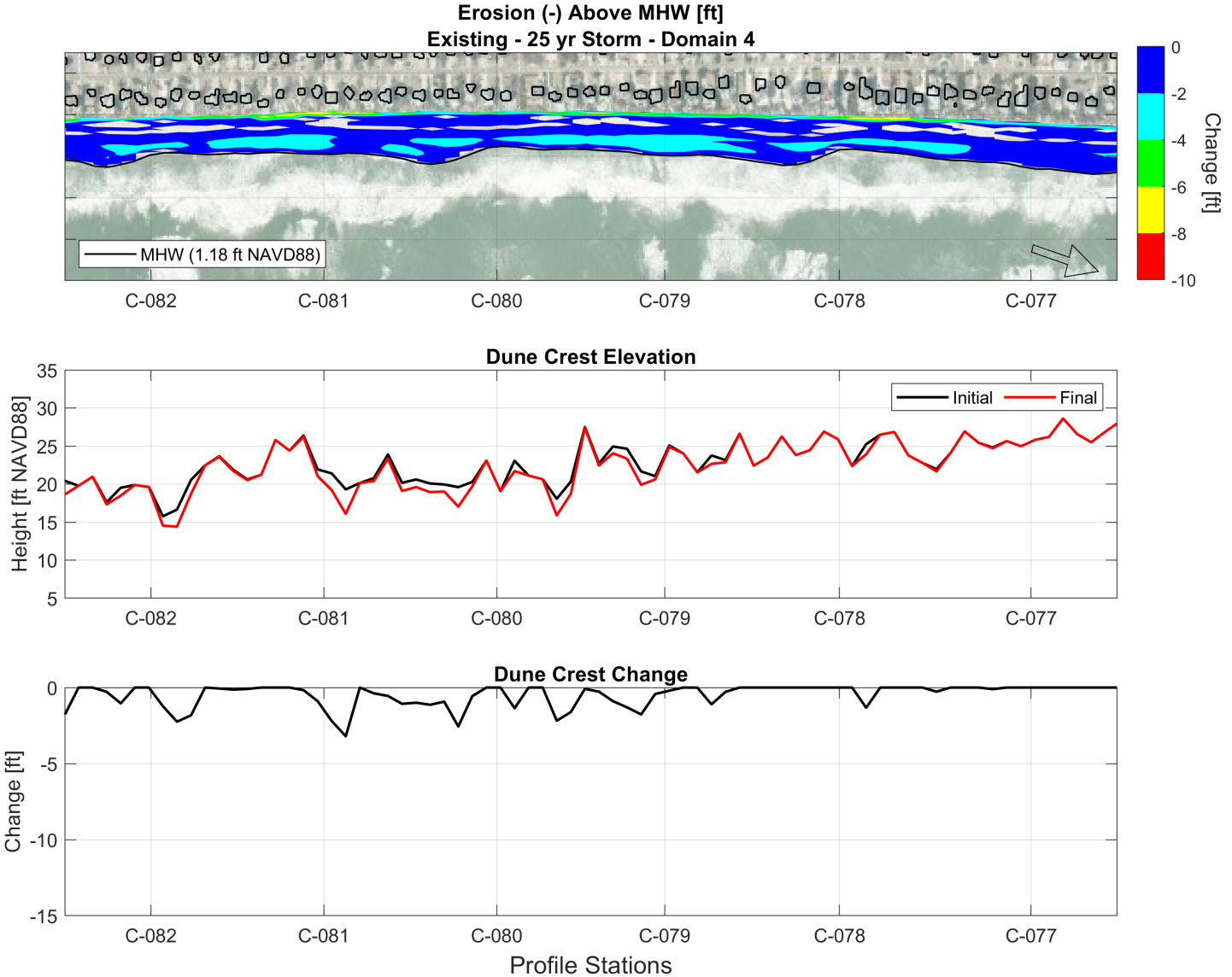

Erosion (-) / Sedimentation (+) [ft]
Existing - 25 yr Storm - Domain 5
MHW (1.18 ft NAVD88)
Change [ft]
10
8
6
4
2
0
-2
-4
-6
-8
-10
C-088
C-087
C-086
C-085
C-084
C-083
Dune Crest Elevation
Height [ft NAVD88]
35
30
25
20
15
10
5
Initial
Final
Dune Crest Change
Change [ft]
0
-5
-10
-15
Profile Stations

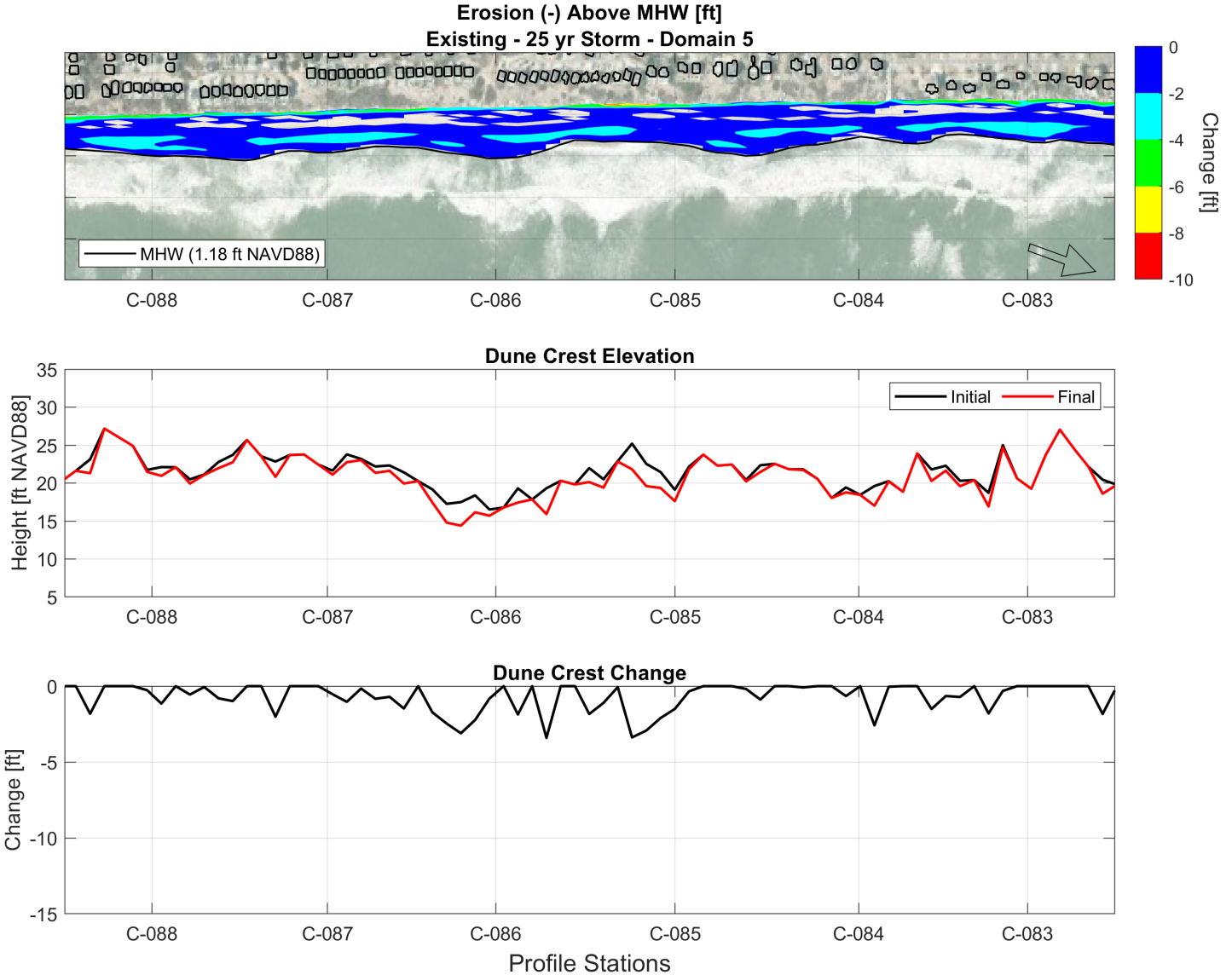

Erosion (-) / Sedimentation (+) [ft]
Existing - 25 yr Storm - Domain 6
MHW (1.18 ft NAVD88)
Change [ft]
10
8
6
4
2
0
-2
-4
-6
-8
-10
C-094
C-093
C-092
C-091
C-090
C-089
Dune Crest Elevation
Height [ft NAVD88]
35
30
25
20
15
10
5
Initial
Final
Dune Crest Change
Change [ft]
0
-5
-10
-15
Profile Stations

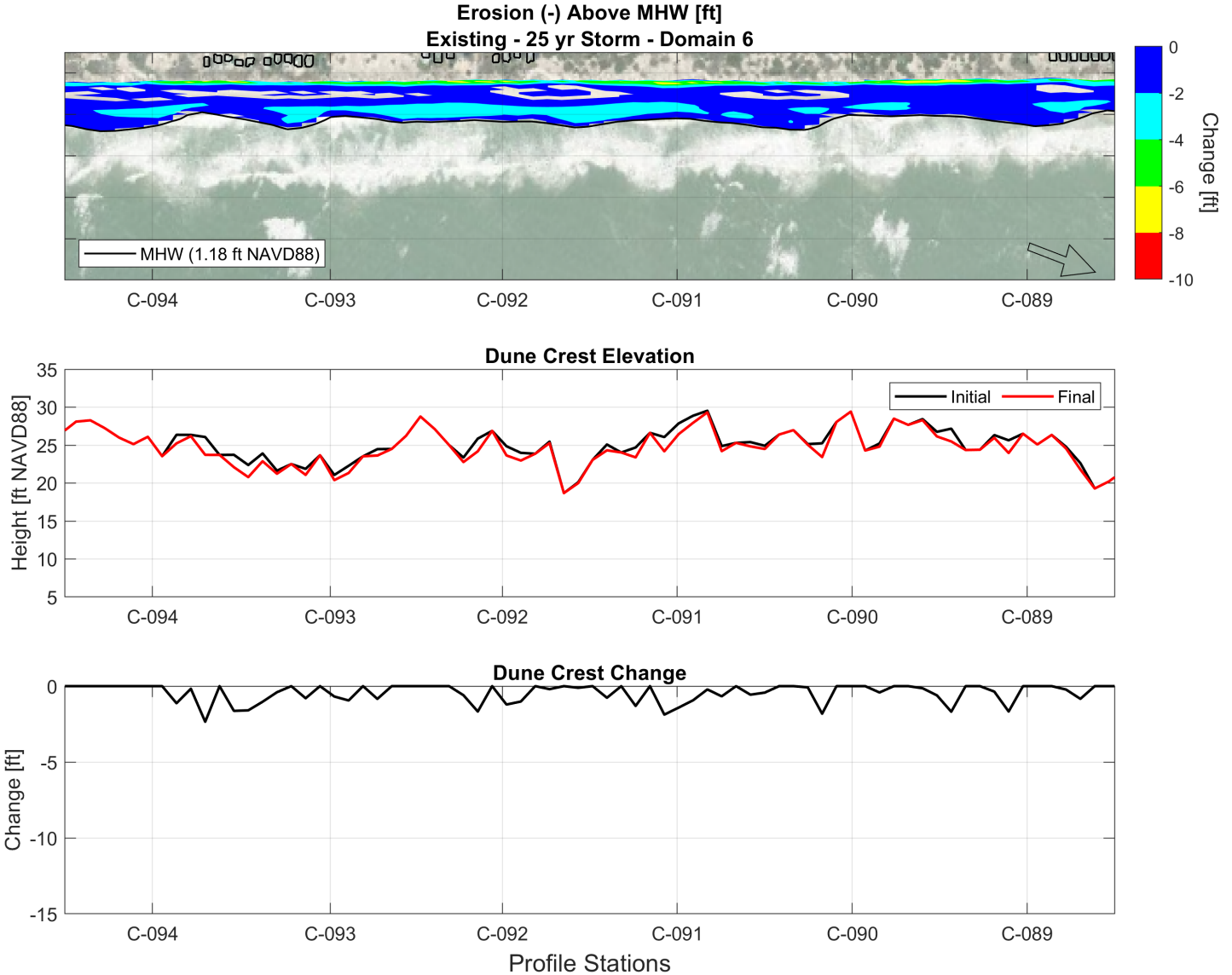

Erosion (-) Above MHW [ft]
Existing - 25 yr Storm - Domain 1
MHW (1.18 ft NAVD88)
0
-2
-4
-6
-8
-10
Change [ft]
C-064
C-063
C-062
C-061
C-060
C-059
Dune Crest Elevation
Initial
Final
Height [ft NAVD88]
35
30
25
20
15
10
5
Dune Crest Change
Change [ft]
0
-5
-10
-15
Profile Stations

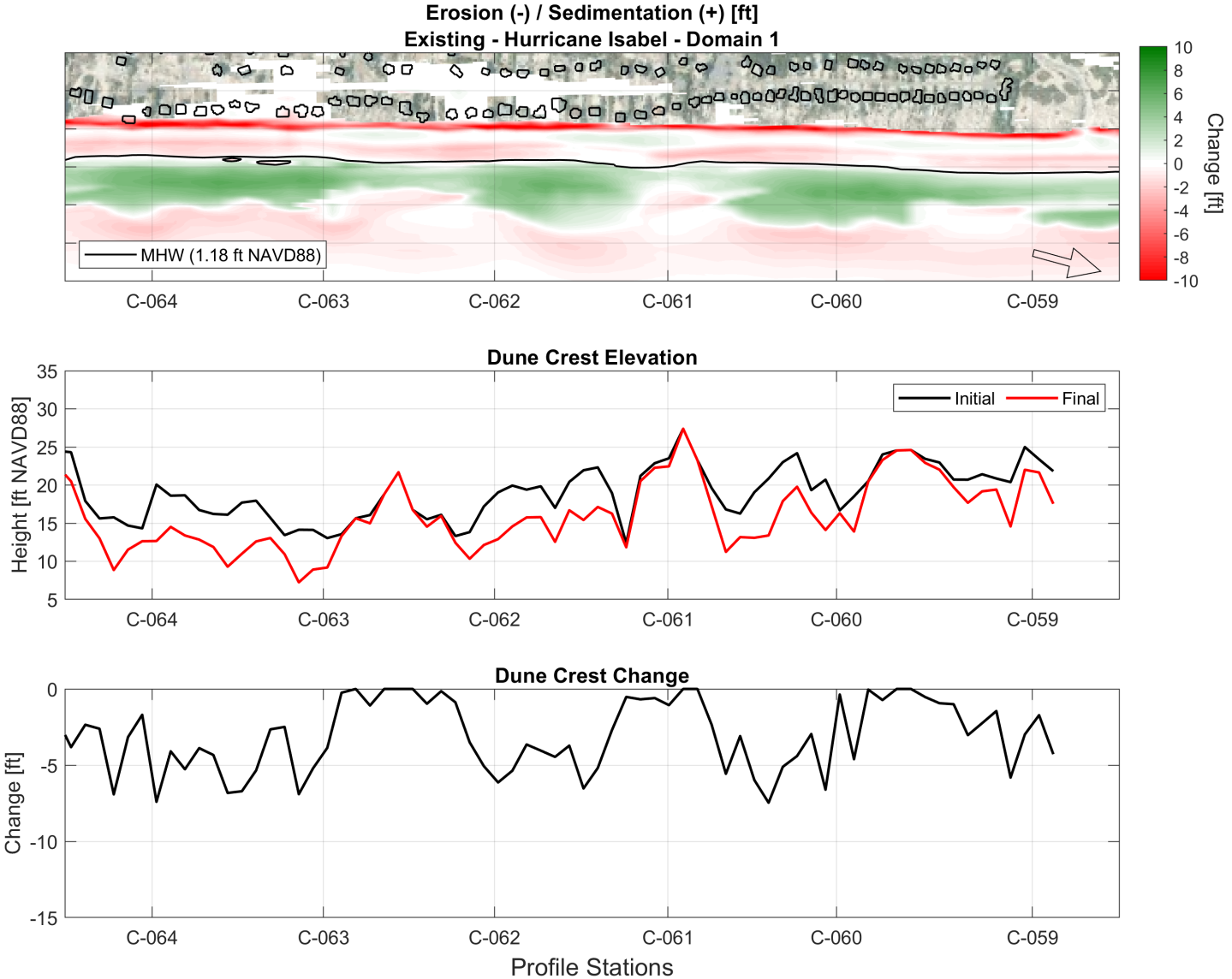

Erosion (-) Above MHW [ft]
Existing - 25 yr Storm - Domain 2
MHW (1.18 ft NAVD88)
0
-2
-4
-6
-8
-10
Change [ft]
C-070
C-069
C-068
C-067
C-066
C-065
Dune Crest Elevation
Initial
Final
Height [ft NAVD88]
35
30
25
20
15
10
5
Dune Crest Change
Change [ft]
0
-5
-10
-15
Profile Stations

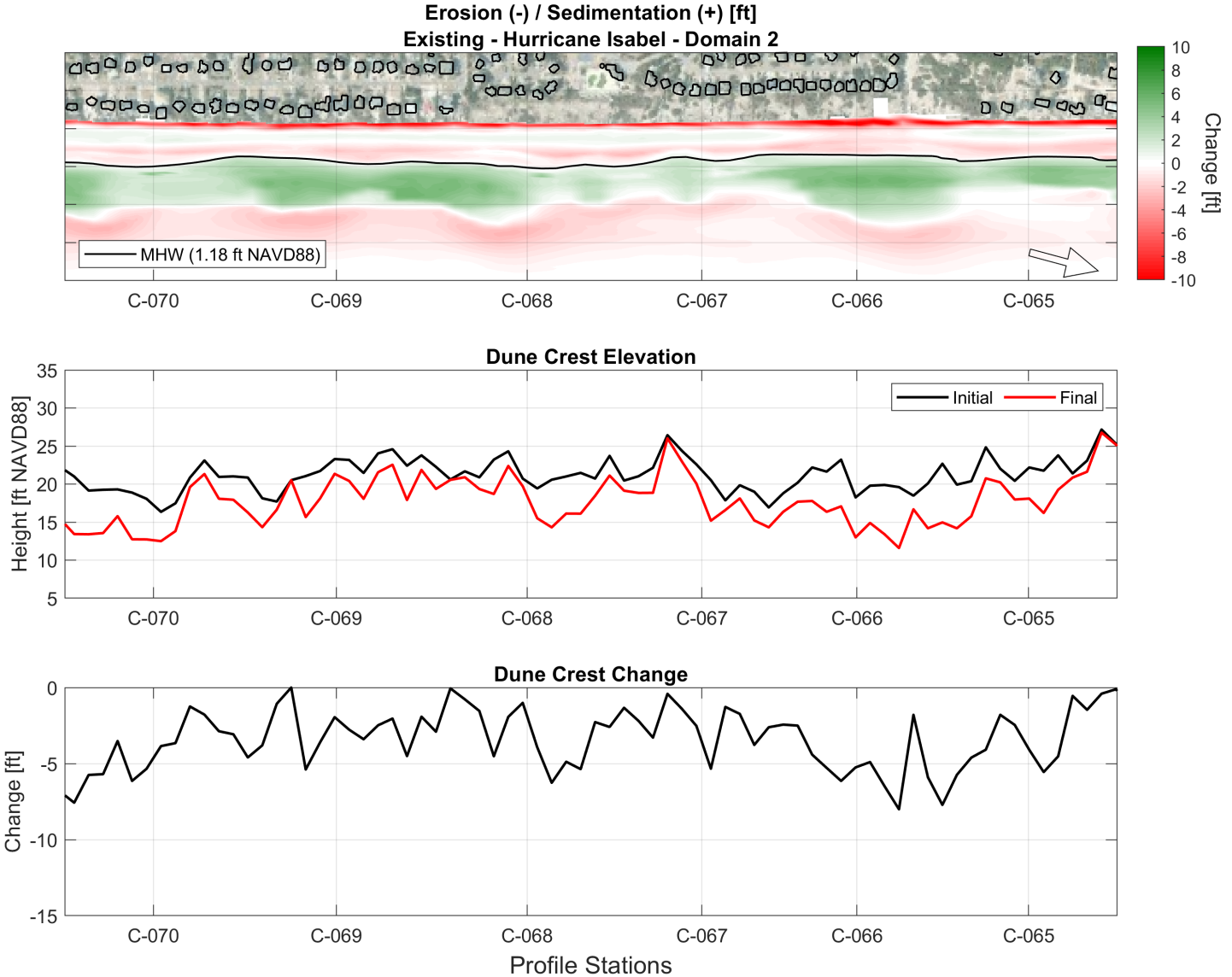

Erosion (-) Above MHW [ft]
Existing - 25 yr Storm - Domain 3
MHW (1.18 ft NAVD88)
0
-2
-4
-6
-8
-10
Change [ft]
C-076
C-075
C-074
C-073
C-072
C-071
Dune Crest Elevation
Height [ft NAVD88]
35
30
25
20
15
10
5
Initial
Final
C-076
C-075
C-074
C-073
C-072
C-071
Dune Crest Change
Change [ft]
0
-5
-10
-15
C-076
C-075
C-074
C-073
C-072
C-071
Profile Stations

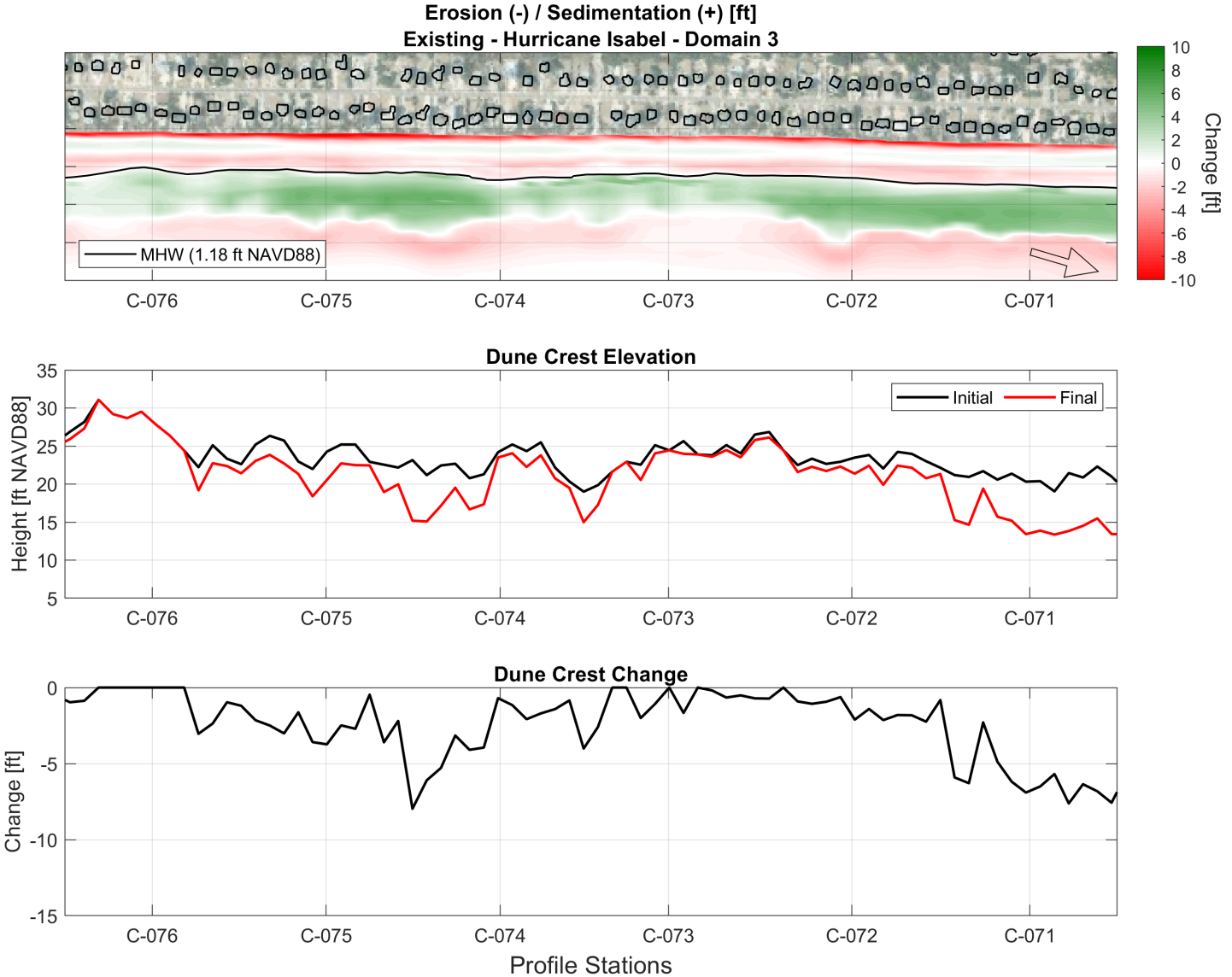

Erosion (-) Above MHW [ft]
Existing - 25 yr Storm - Domain 4
MHW (1.18 ft NAVD88)
0
-2
-4
-6
-8
-10
Change [ft]
C-082
C-081
C-080
C-079
C-078
C-077
Dune Crest Elevation
Initial
Final
Height [ft NAVD88]
35
30
25
20
15
10
5
Dune Crest Change
Change [ft]
0
-5
-10
-15
Profile Stations

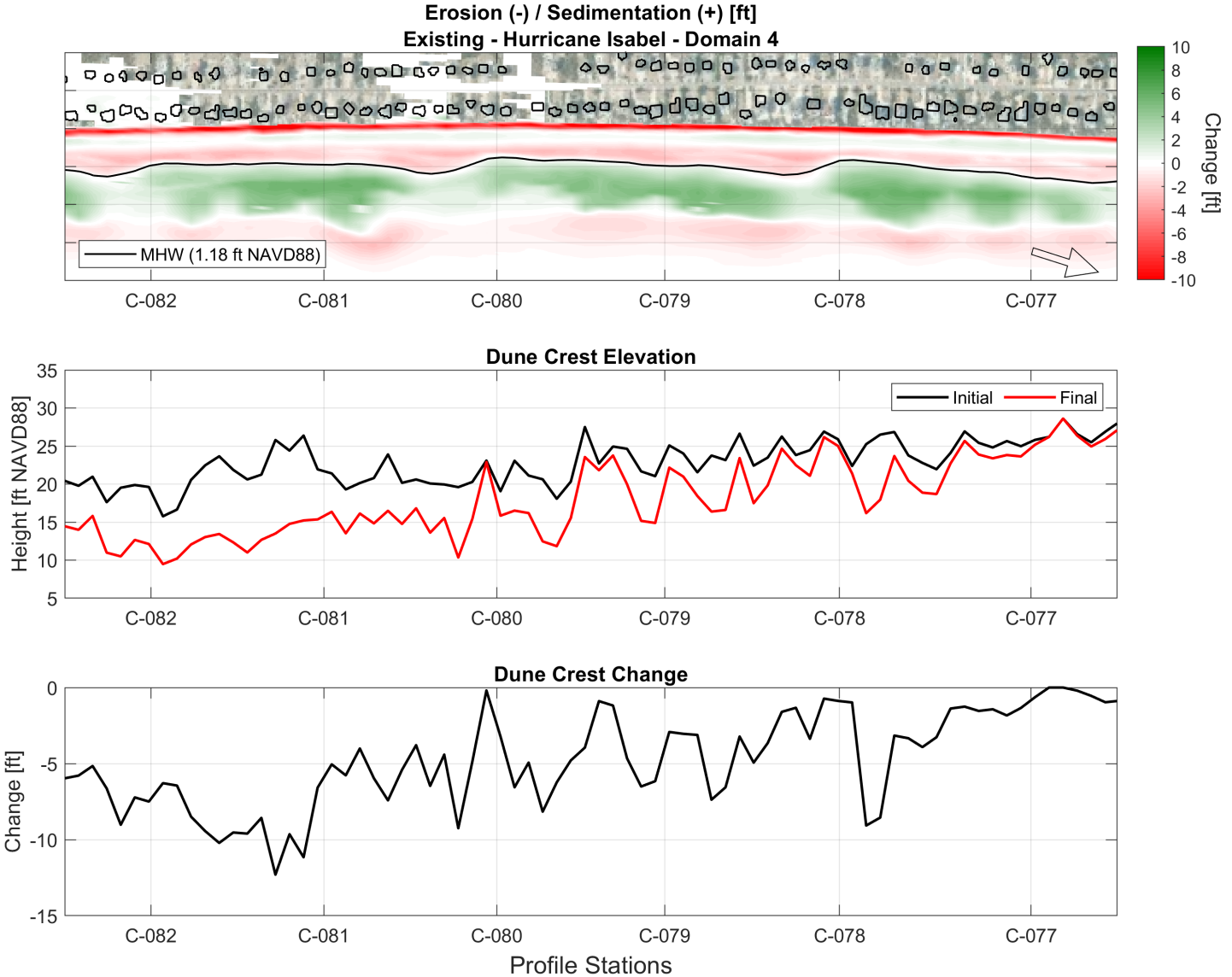

Erosion (-) Above MHW [ft]
Existing - 25 yr Storm - Domain 5
MHW (1.18 ft NAVD88)
0
-2
-4
-6
-8
-10
Change [ft]
C-088
C-087
C-086
C-085
C-084
C-083
Dune Crest Elevation
Initial
Final
Height [ft NAVD88]
35
30
25
20
15
10
5
Dune Crest Change
Change [ft]
0
-5
-10
-15
Profile Stations

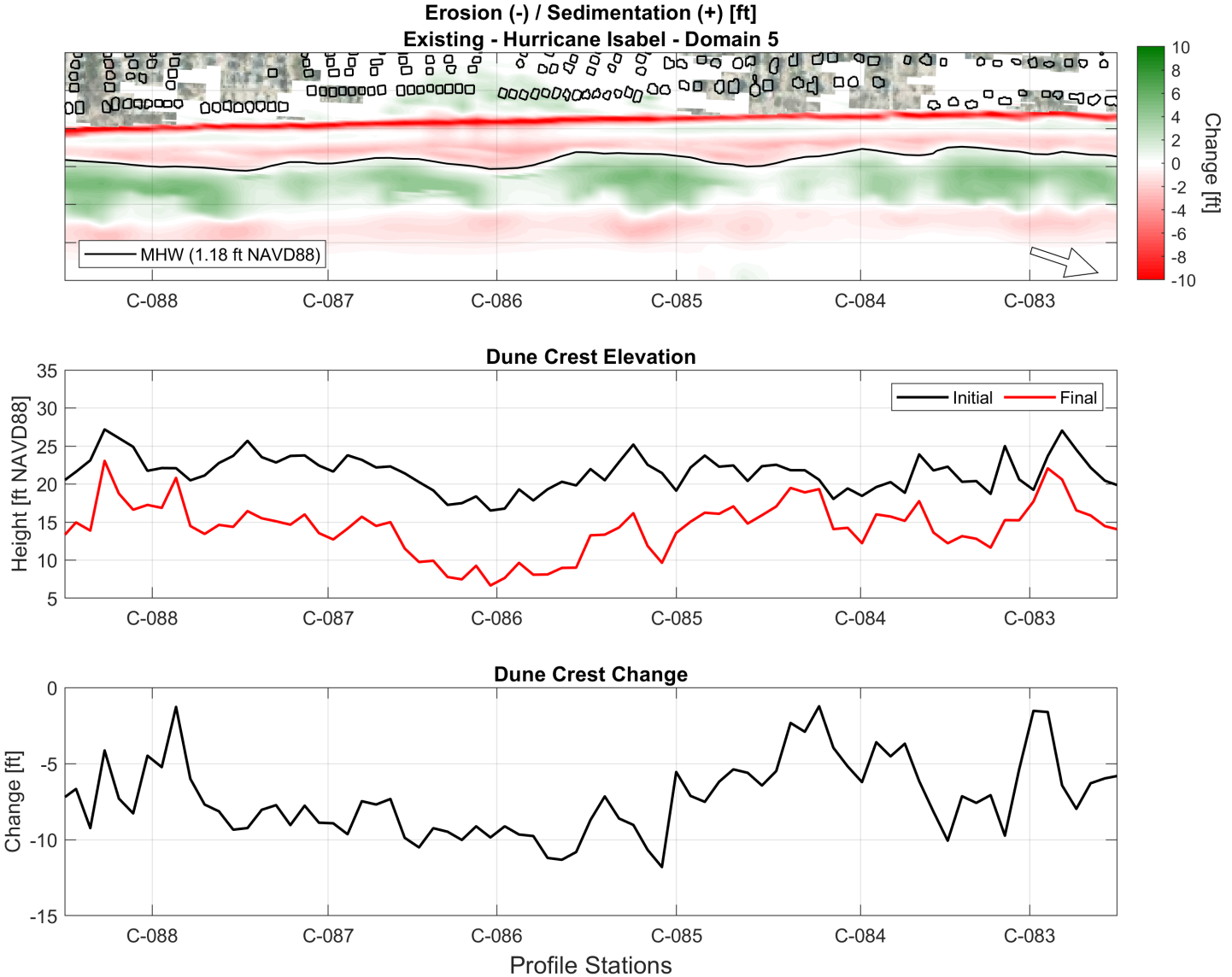

Erosion (-) Above MHW [ft]
Existing - 25 yr Storm - Domain 6
MHW (1.18 ft NAVD88)
0
-2
-4
-6
-8
-10
Change [ft]
C-094
C-093
C-092
C-091
C-090
C-089
Dune Crest Elevation
Initial
Final
Height [ft NAVD88]
35
30
25
20
15
10
5
Dune Crest Change
Change [ft]
0
-5
-10
-15
Profile Stations

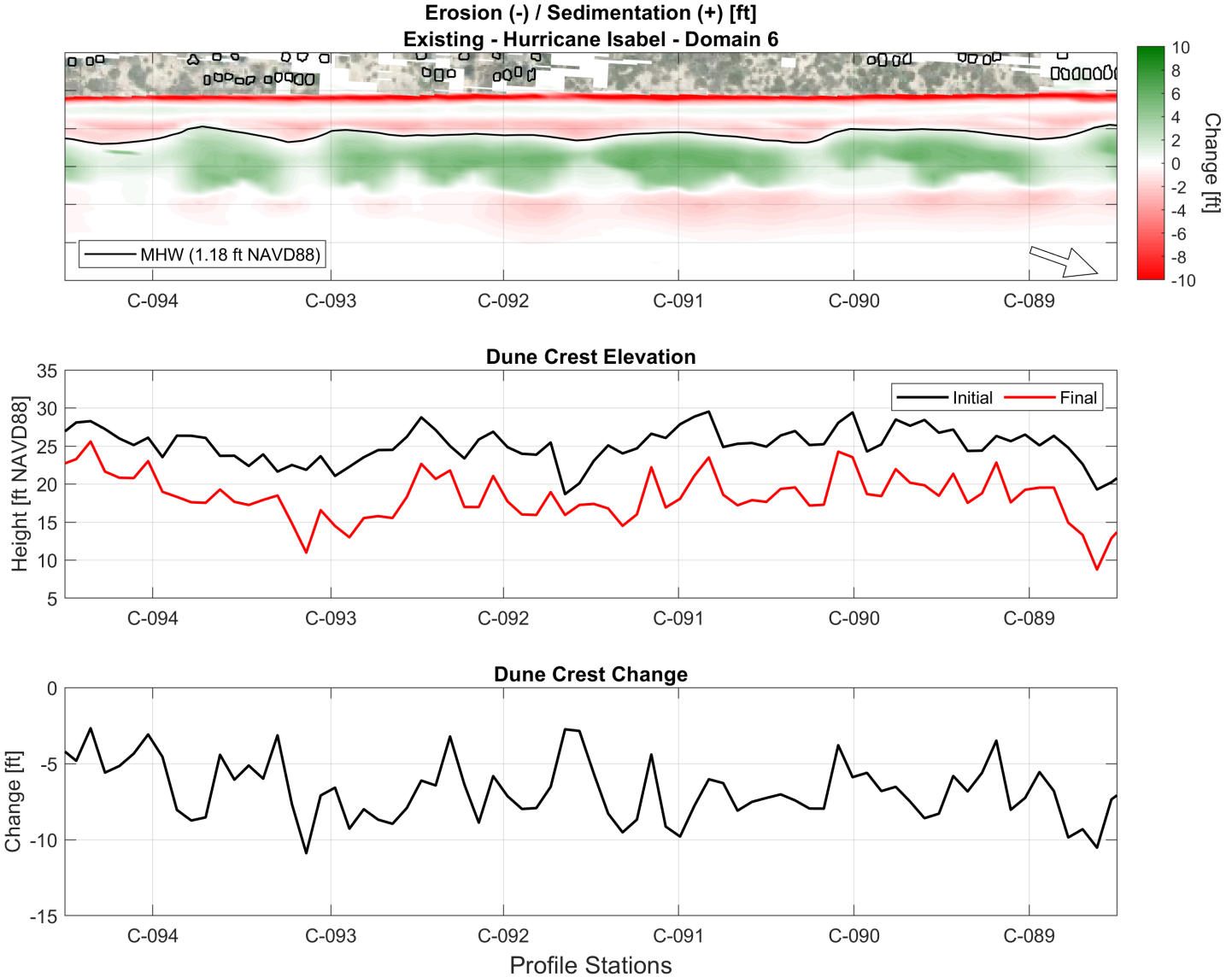

Erosion (-) / Sedimentation (+) [ft]
Existing - Hurricane Isabel - Domain 1
MHW (1.18 ft NAVD88)
Change [ft]
10
8
6
4
2
0
-2
-4
-6
-8
-10
C-064
C-063
C-062
C-061
C-060
C-059
Dune Crest Elevation
Height [ft NAVD88]
35
30
25
20
15
10
5
Initial
Final
Dune Crest Change
Change [ft]
0
-5
-10
-15
Profile Stations

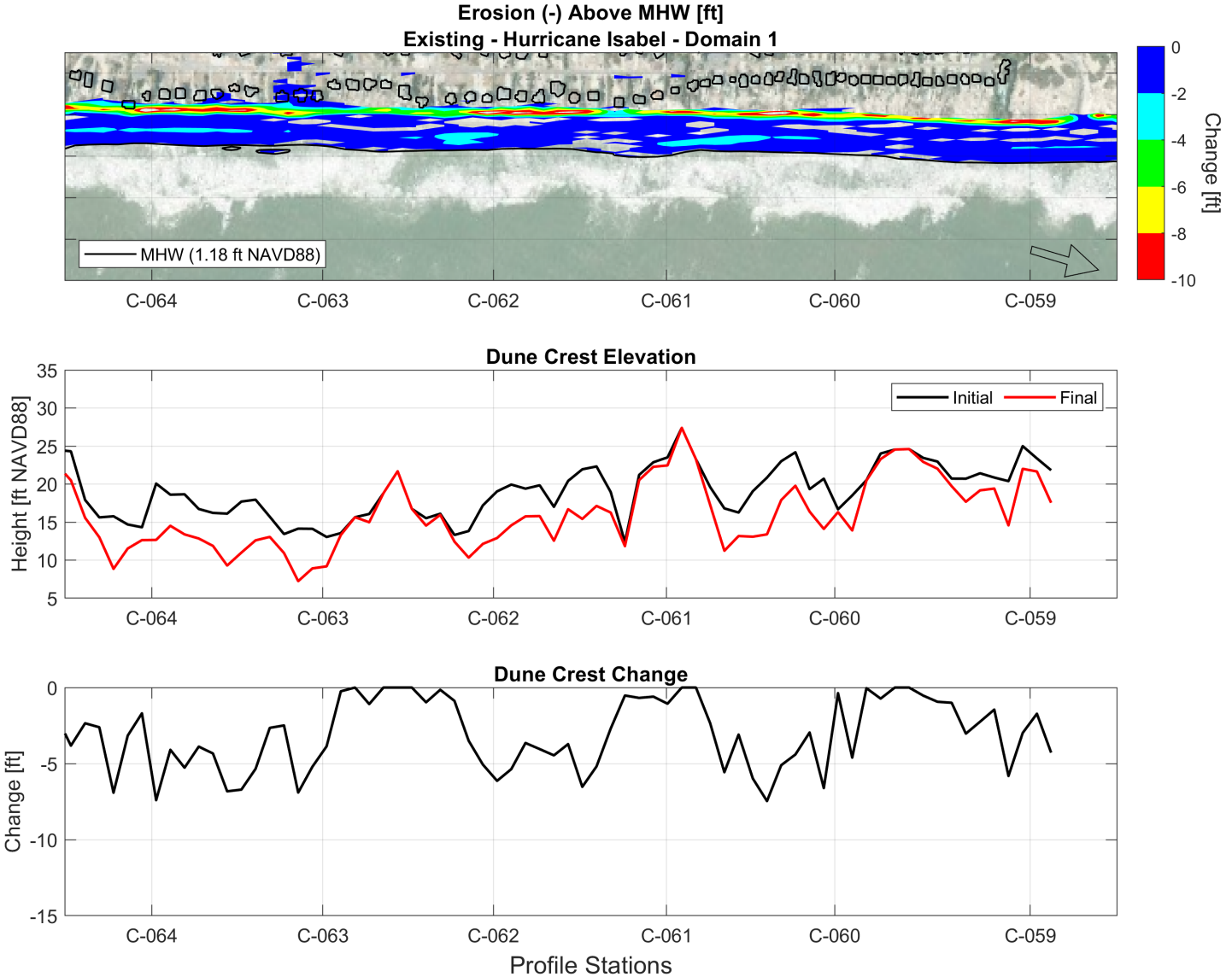

Erosion (-) / Sedimentation (+) [ft]
Existing - Hurricane Isabel - Domain 2
MHW (1.18 ft NAVD88)
Change [ft]
10
8
6
4
2
0
-2
-4
-6
-8
-10
C-070
C-069
C-068
C-067
C-066
C-065
Dune Crest Elevation
Height [ft NAVD88]
35
30
25
20
15
10
5
Initial
Final
Dune Crest Change
Change [ft]
0
-5
-10
-15
Profile Stations

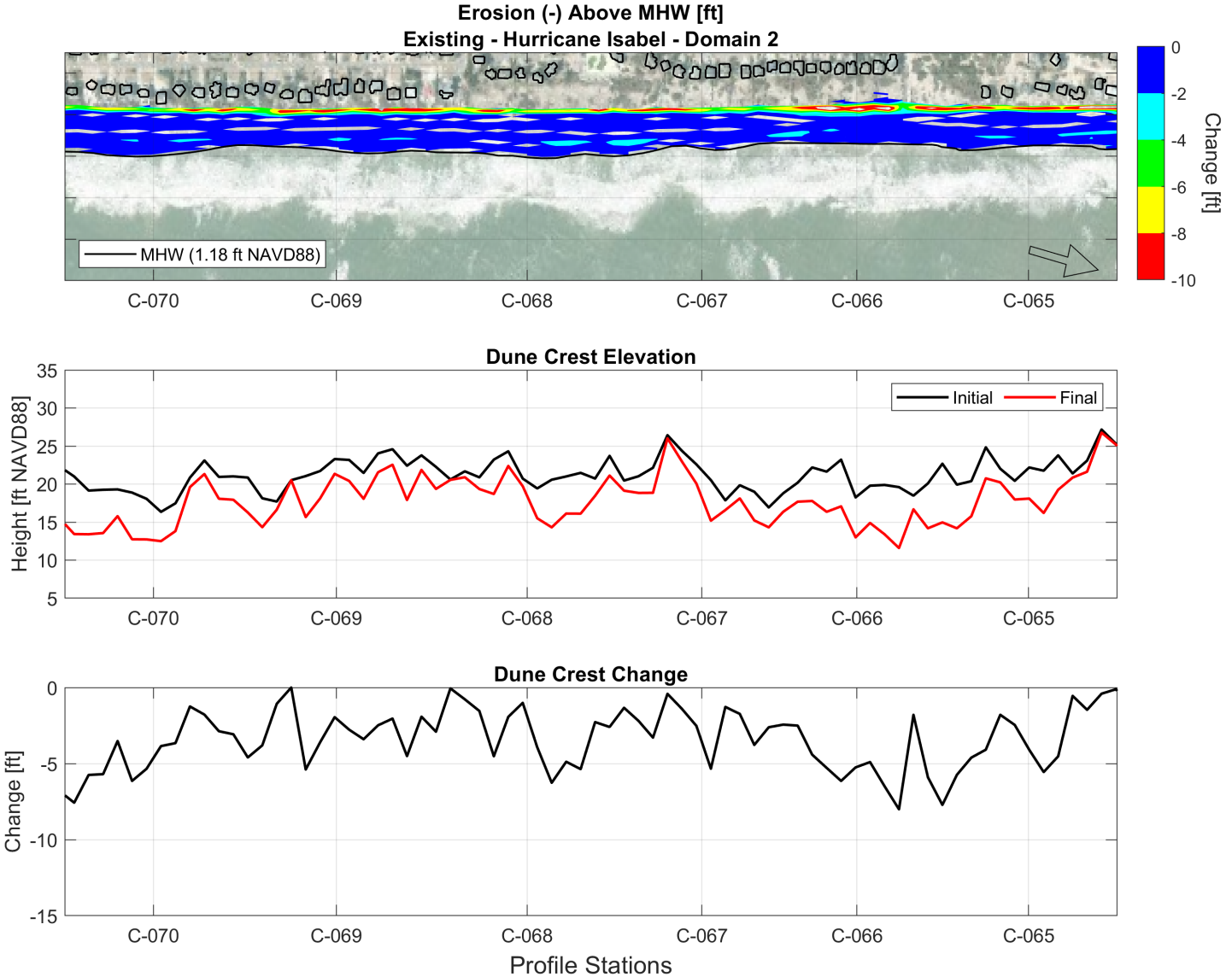

Erosion (-) / Sedimentation (+) [ft]
Existing - Hurricane Isabel - Domain 3
MHW (1.18 ft NAVD88)
Change [ft]
10
8
6
4
2
0
-2
-4
-6
-8
-10
C-076
C-075
C-074
C-073
C-072
C-071
Dune Crest Elevation
Height [ft NAVD88]
35
30
25
20
15
10
5
Initial
Final
Dune Crest Change
Change [ft]
0
-5
-10
-15
Profile Stations

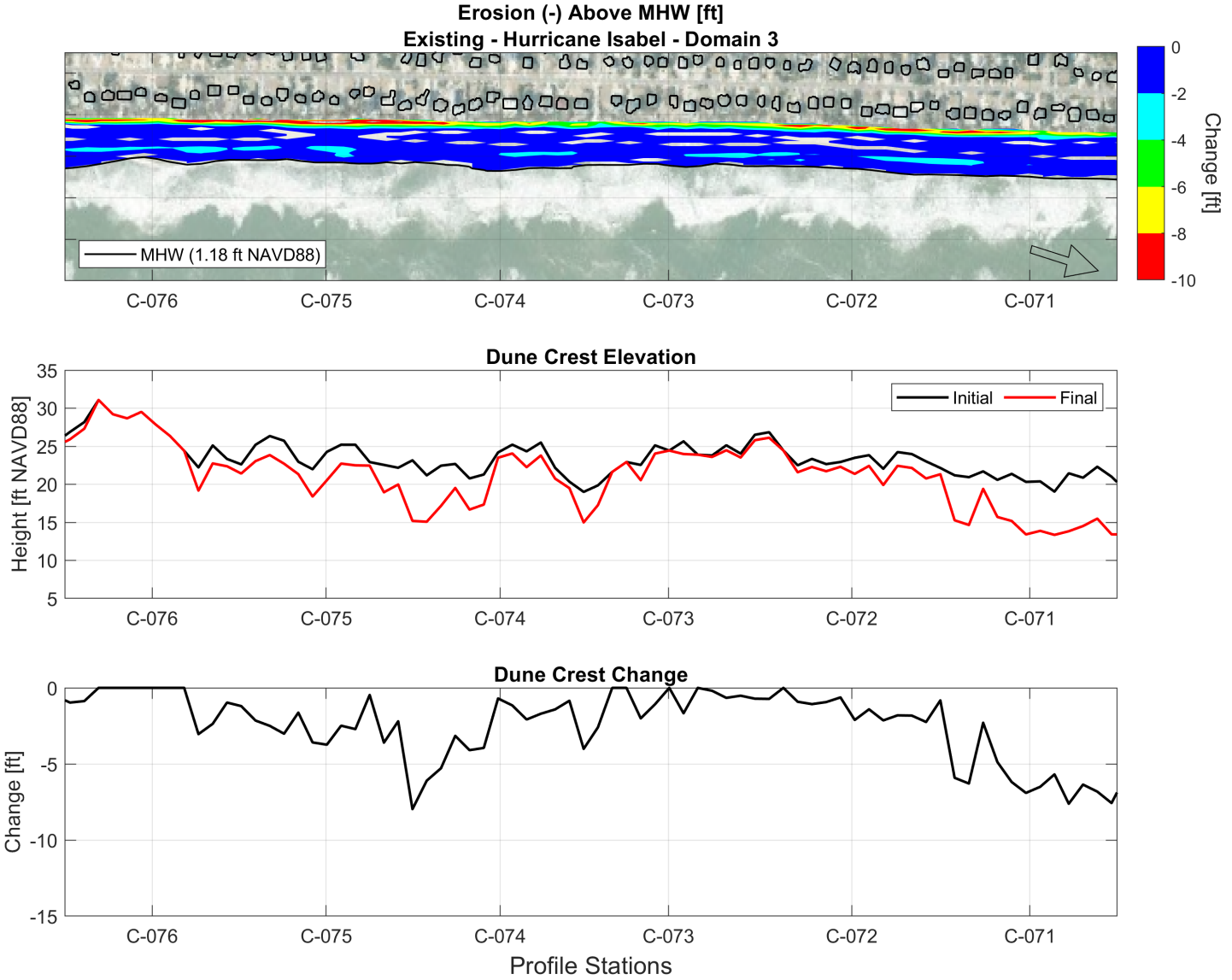

Erosion (-) / Sedimentation (+) [ft]
Existing - Hurricane Isabel - Domain 4
MHW (1.18 ft NAVD88)
Change [ft]
10
8
6
4
2
0
-2
-4
-6
-8
-10
C-082
C-081
C-080
C-079
C-078
C-077
Dune Crest Elevation
Height [ft NAVD88]
35
30
25
20
15
10
5
Initial
Final
Dune Crest Change
Change [ft]
0
-5
-10
-15
Profile Stations

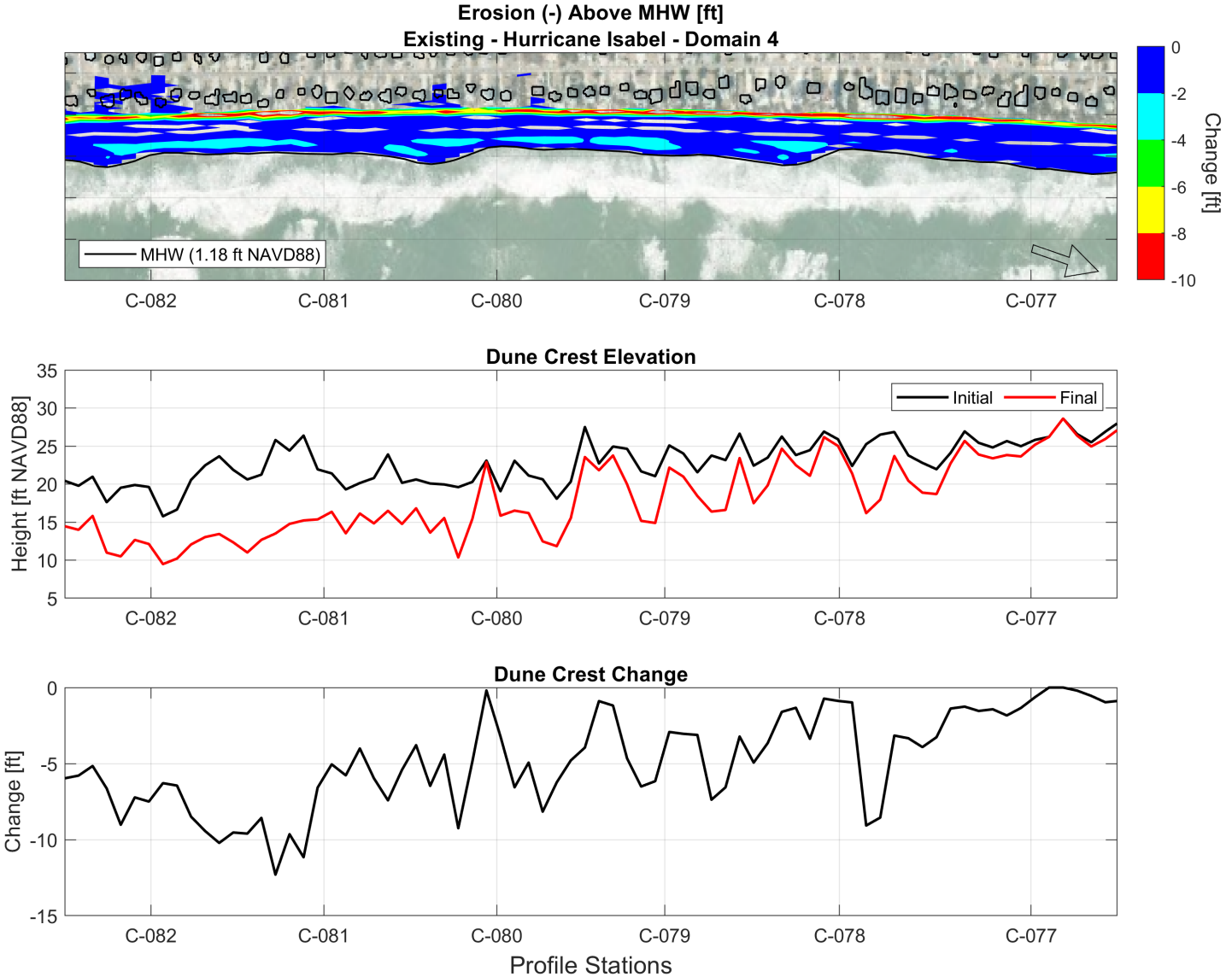

Erosion (-) / Sedimentation (+) [ft]
Existing - Hurricane Isabel - Domain 5
MHW (1.18 ft NAVD88)
Change [ft]
10
8
6
4
2
0
-2
-4
-6
-8
-10
C-088
C-087
C-086
C-085
C-084
C-083
Dune Crest Elevation
Height [ft NAVD88]
35
30
25
20
15
10
5
Initial
Final
Dune Crest Change
Change [ft]
0
-5
-10
-15
Profile Stations

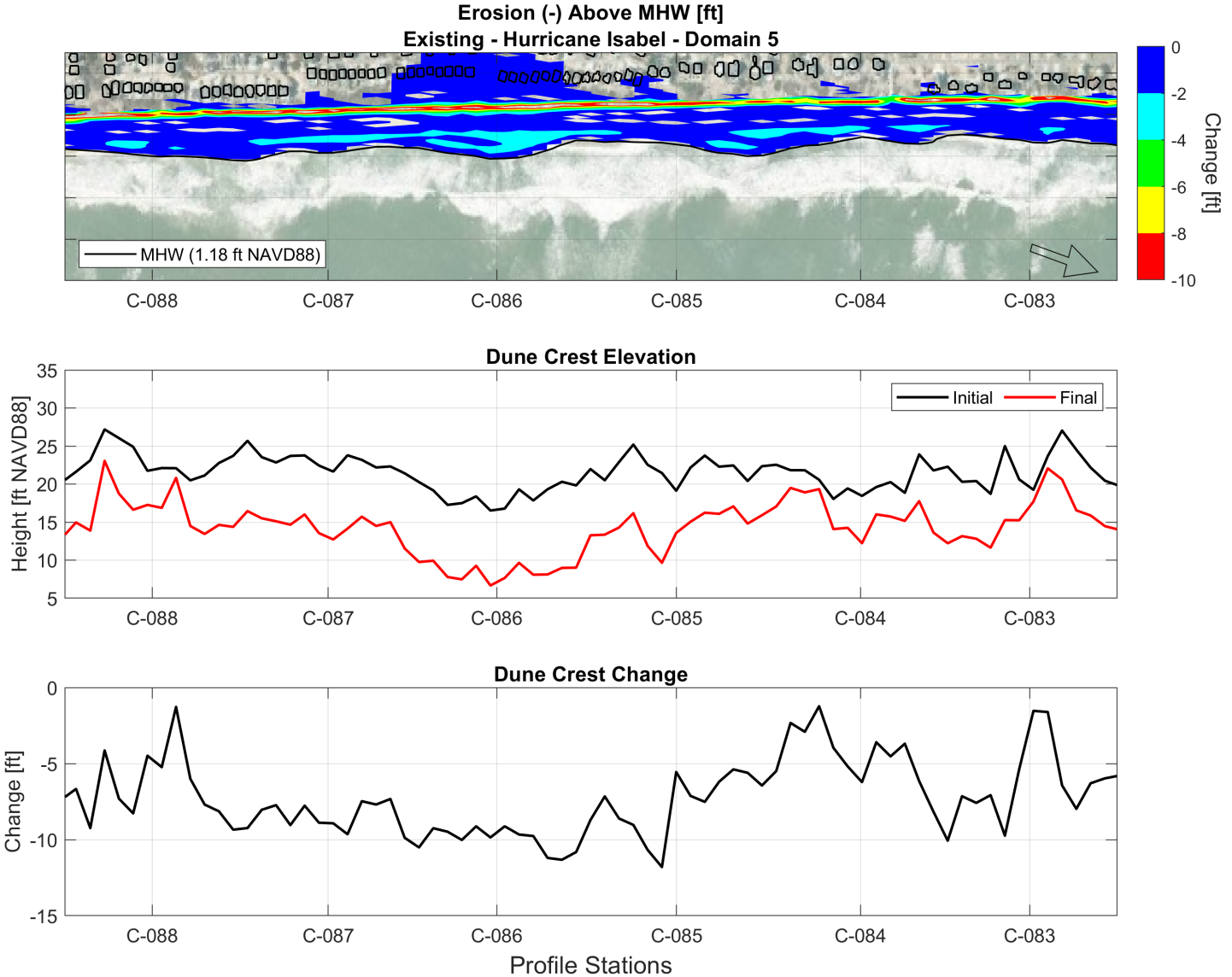

Erosion (-) / Sedimentation (+) [ft]
Existing - Hurricane Isabel - Domain 6
MHW (1.18 ft NAVD88)
Change [ft]
10
8
6
4
2
0
-2
-4
-6
-8
-10
C-094
C-093
C-092
C-091
C-090
C-089
Dune Crest Elevation
Height [ft NAVD88]
Initial
Final
35
30
25
20
15
10
5
Dune Crest Change
Change [ft]
0
-5
-10
-15
Profile Stations

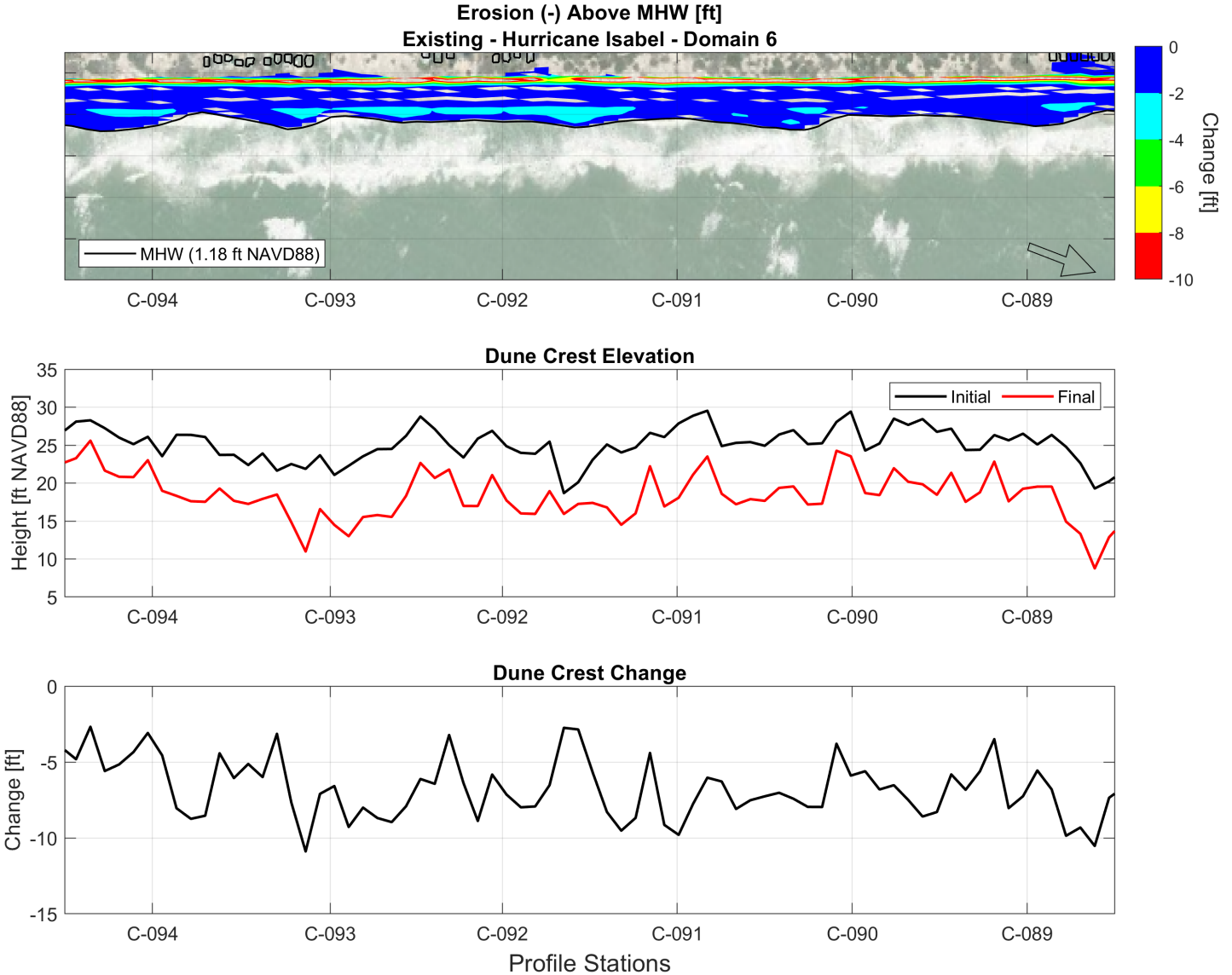

Erosion (-) Above MHW [ft]
Existing - Hurricane Isabel - Domain 1
MHW (1.18 ft NAVD88)
0
-2
-4
-6
-8
-10
Change [ft]
C-064
C-063
C-062
C-061
C-060
C-059
Dune Crest Elevation
Initial
Final
Height [ft NAVD88]
35
30
25
20
15
10
5
Dune Crest Change
Change [ft]
0
-5
-10
-15
Profile Stations


Erosion (-) Above MHW [ft]
Existing - Hurricane Isabel - Domain 2
MHW (1.18 ft NAVD88)
0
-2
-4
-6
-8
-10
Change [ft]
C-070
C-069
C-068
C-067
C-066
C-065
Dune Crest Elevation
Initial
Final
Height [ft NAVD88]
35
30
25
20
15
10
5
Dune Crest Change
Change [ft]
0
-5
-10
-15
Profile Stations


Erosion (-) Above MHW [ft]
Existing - Hurricane Isabel - Domain 3
MHW (1.18 ft NAVD88)
0
-2
-4
-6
-8
-10
Change [ft]
C-076
C-075
C-074
C-073
C-072
C-071
Dune Crest Elevation
Height [ft NAVD88]
35
30
25
20
15
10
5
Initial
Final
C-076
C-075
C-074
C-073
C-072
C-071
Dune Crest Change
Change [ft]
0
-5
-10
-15
C-076
C-075
C-074
C-073
C-072
C-071
Profile Stations


Erosion (-) Above MHW [ft]
Existing - Hurricane Isabel - Domain 4
MHW (1.18 ft NAVD88)
0
-2
-4
-6
-8
-10
Change [ft]
C-082
C-081
C-080
C-079
C-078
C-077
Dune Crest Elevation
Height [ft NAVD88]
35
30
25
20
15
10
5
Initial
Final
C-082
C-081
C-080
C-079
C-078
C-077
Dune Crest Change
Change [ft]
0
-5
-10
-15
C-082
C-081
C-080
C-079
C-078
C-077
Profile Stations


Erosion (-) Above MHW [ft]
Existing - Hurricane Isabel - Domain 5
MHW (1.18 ft NAVD88)
0
-2
-4
-6
-8
-10
Change [ft]
C-088
C-087
C-086
C-085
C-084
C-083
Dune Crest Elevation
Initial
Final
Height [ft NAVD88]
35
30
25
20
15
10
5
Dune Crest Change
Change [ft]
0
-5
-10
-15
Profile Stations


Erosion (-) Above MHW [ft]
Existing - Hurricane Isabel - Domain 6
MHW (1.18 ft NAVD88)
0
-2
-4
-6
-8
-10
Change [ft]
C-094
C-093
C-092
C-091
C-090
C-089
Dune Crest Elevation
Initial
Final
Height [ft NAVD88]
35
30
25
20
15
10
5
Dune Crest Change
Change [ft]
0
-5
-10
-15
Profile Stations