BLOCK ISLAND, RHODE ISLAND

Old Harbor - Crescent Beach - Scotch Beach

SHORELINE CHANGE 1952-2016

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EXPLANATION

DIGITAL SHORELINE ANALYSIS

- DSAS Transect
- Baseline

SHORELINE

Wet/Dry Lines

- 1952
- 2016

SHORELINE CHANGE

- Transect ID: 26
- Shoreline Change Distance: -42.1 ft / -12.85 m
- Shoreline Change Rate: -0.7 ft/yr / -0.20 m/yr

Scale

0 500 1,000 ft

0 100 200 m

2016 RI Eelgrass Taskforce Orthophotograph Base

RHODE ISLAND GEOLOGICAL SURVEY

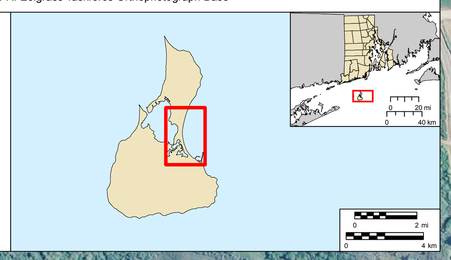
THE UNIVERSITY OF RHODE ISLAND COLLEGE OF THE ENVIRONMENT AND LIFE SCIENCES

EASTERN CONNECTICUT STATE UNIVERSITY

CRMC COASTAL RESOURCES MANAGEMENT COUNCIL

RIGIS

7 August 2017



52 -20.9 ft -6.36 m -0.3 ft/yr -0.1 m/yr
53 -25.0 ft -7.61 m -0.4 ft/yr -0.12 m/yr
54 -14.5 ft -4.43 m -0.2 ft/yr -0.07 m/yr
55 -30.2 ft -9.22 m -0.5 ft/yr -0.14 m/yr
56 -29.9 ft -9.13 m -0.5 ft/yr -0.14 m/yr
57 -35.1 ft -10.7 m -0.6 ft/yr -0.17 m/yr
58 -35.1 ft -10.69 m -0.6 ft/yr -0.17 m/yr
59 -35.9 ft -10.94 m -0.6 ft/yr -0.17 m/yr
60 -55.4 ft -16.89 m -0.9 ft/yr -0.26 m/yr
61 -45.1 ft -13.74 m -0.7 ft/yr -0.21 m/yr
62 -64.9 ft -19.8 m -1.0 ft/yr -0.31 m/yr
63 -75.6 ft -23.04 m -1.2 ft/yr -0.36 m/yr
64 -79.0 ft -24.07 m -1.2 ft/yr -0.38 m/yr
65 -66.9 ft -20.41 m -1.0 ft/yr -0.32 m/yr
66 -59.3 ft -18.07 m -0.9 ft/yr -0.28 m/yr
67 -50.6 ft -15.43 m -0.8 ft/yr -0.24 m/yr
68 -44.2 ft -13.48 m -0.7 ft/yr -0.21 m/yr
69 -30.8 ft -9.4 m -0.5 ft/yr -0.15 m/yr
70 -26.6 ft -8.11 m -0.4 ft/yr -0.13 m/yr
71 -35.1 ft -10.71 m -0.6 ft/yr -0.17 m/yr
72 -17.1 ft -5.22 m -0.3 ft/yr -0.08 m/yr
73 -23.6 ft -7.21 m -0.4 ft/yr -0.11 m/yr
74 -41.6 ft -12.67 m -0.7 ft/yr -0.2 m/yr
75 -21.1 ft -6.44 m -0.3 ft/yr -0.1 m/yr
76 -24.8 ft -7.55 m -0.4 ft/yr -0.12 m/yr
77 -40.2 ft -12.25 m -0.6 ft/yr -0.19 m/yr
78 -58.4 ft -17.79 m -0.9 ft/yr -0.28 m/yr
79 -40.5 ft -12.34 m -0.6 ft/yr -0.19 m/yr
80 -61.9 ft -18.86 m -1.0 ft/yr -0.29 m/yr
81 -43.3 ft -13.2 m -0.7 ft/yr -0.21 m/yr
82 13.2 ft 4.03 m 0.2 ft/yr 0.06 m/yr
83 28.2 ft 8.6 m 0.4 ft/yr 0.13 m/yr
84 -17.6 ft -5.37 m -0.3 ft/yr -0.08 m/yr
85 -22.1 ft -6.73 m -0.3 ft/yr -0.1 m/yr
86 -30.9 ft -9.42 m -0.5 ft/yr -0.15 m/yr
87 -23.9 ft -7.28 m -0.4 ft/yr -0.11 m/yr
88 48.0 ft 14.62 m 0.8 ft/yr 0.23 m/yr
89 13.5 ft 4.11 m 0.2 ft/yr 0.06 m/yr
90 29.4 ft 8.95 m 0.5 ft/yr 0.14 m/yr
91 42.7 ft 13.03 m 0.7 ft/yr 0.2 m/yr
92 25.2 ft 7.69 m 0.4 ft/yr 0.12 m/yr
93 24.7 ft 7.53 m 0.4 ft/yr 0.11 m/yr
94 32.9 ft 10.04 m 0.5 ft/yr 0.16 m/yr
95 25.3 ft 7.7 m 0.4 ft/yr 0.12 m/yr
96 30.7 ft 9.35 m 0.5 ft/yr 0.15 m/yr
97 23.0 ft 7.00 m 0.4 ft/yr 0.11 m/yr
98 0.5 ft 0.14 m 0 ft/yr 0 m/yr
99 -12.6 ft -3.85 m -0.2 ft/yr -0.06 m/yr
100 -27.0 ft -8.23 m -0.4 ft/yr -0.13 m/yr
101 -26.3 ft -8.02 m -0.4 ft/yr -0.13 m/yr
102 -40.1 ft -12.22 m -0.6 ft/yr -0.19 m/yr
103 -41.5 ft -12.66 m -0.7 ft/yr -0.2 m/yr
104 -33.6 ft -10.25 m -0.5 ft/yr -0.16 m/yr
105 -44.1 ft -13.45 m -0.7 ft/yr -0.21 m/yr
106 -58.8 ft -17.94 m -0.9 ft/yr -0.28 m/yr
107 -44.0 ft -13.42 m -0.7 ft/yr -0.21 m/yr
108 -46.1 ft -14.06 m -0.7 ft/yr -0.22 m/yr
109 -59.8 ft -18.24 m -0.9 ft/yr -0.28 m/yr
110 -74.7 ft -22.77 m -1.2 ft/yr -0.36 m/yr
111 -97.9 ft -29.84 m -1.5 ft/yr -0.47 m/yr
112 -134.6 ft -41.02 m -2.1 ft/yr -0.64 m/yr
113 -180.0 ft -54.89 m -2.8 ft/yr -0.86 m/yr
114 -221.8 ft -67.62 m -3.4 ft/yr -1.05 m/yr
115 -228.6 ft -69.69 m -3.6 ft/yr -1.09 m/yr
116 39.7 ft 12.1 m 0.6 ft/yr 0.19 m/yr
117 65.5 ft 19.98 m
118 53.1 ft 16.2 m