NARRAGANSETT BAY, RHODE ISLAND:
Barrington, Annawomscutt

SHORELINE CHANGE 1939-2003

Rachel E. Hehre and Jon C. Boothroyd

EXPLANATION

DIGITAL SHORELINE ANALYSIS

- 128 DSAS Transect
- Baseline

SHORELINE

High Water Lines

- 1939
- 1975
- 2003

SHORELINE CHANGE

End Point Distance 27.5 ft 8.4 m

End Point Rate 0.4 ft 0.13 m

RHODE ISLAND GEOLOGICAL SURVEY

UNIVERSITY OF Rhode Island

CRMC

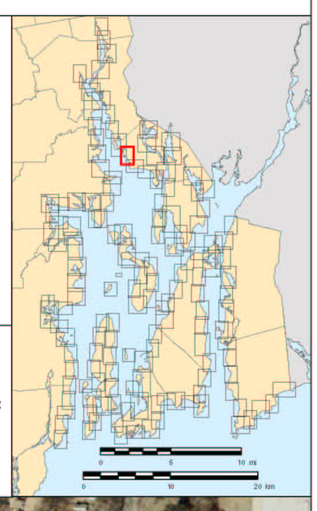
RIGIS

Scale

0 500 1,000 ft

0 100 200 m

2003 USGS Orthophoto Base



1298 16.5 ft 5.03 m
1299 26.8 ft 8.17 m
1297 16.5 ft 5.03 m
2.1 ft 0.63 m
1300
14.4 ft 4.4 m
235.2 ft 71.69 m
1296
1301
385.8 ft 117.6 m
1302
1295
-56.2 ft -17.14 m
-6.2 ft -1.88 m
1303
-0.10 ft -0.03 m
2.8 ft 0.85 m
1304
-0.03 ft -0.01 m
22.8 ft 6.95 m
1305
0.4 ft 0.11 m
1306
-0.5 ft -0.15 m
0.0 ft 0.0 m
-2.1 ft -0.63 m
1307
-0.03 ft -0.01 m
8.3 ft 2.52 m
1308
0.13 ft 0.04 m
1309
0.5 ft 0.15 m
0.0 ft 0.0 m
1310
8.3 ft 2.52 m
0.13 ft 0.04 m
1311
-4.1 ft -1.26 m
-0.07 ft -0.02 m
1312
-24.7 ft -7.54 m
-0.39 ft -0.12 m
1313
59.8 ft 18.23 m
0.95 ft 0.29 m
-1.28 ft -0.39 m
-80.4 ft -24.52 m
1314
-1.80 ft -0.55 m
-113.5 ft -34.59 m
1315
-0.98 ft -0.30 m
-61.9 ft -18.86 m
1316
-0.66 ft -0.20 m
-41.2 ft -12.57 m
1317
-0.13 ft -0.04 m
-8.3 ft -2.52 m
1318

Feb 15, 2007