NARRAGANSETT BAY, RHODE ISLAND:
Portsmouth, Black Point

SHORELINE CHANGE 1939-2003

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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

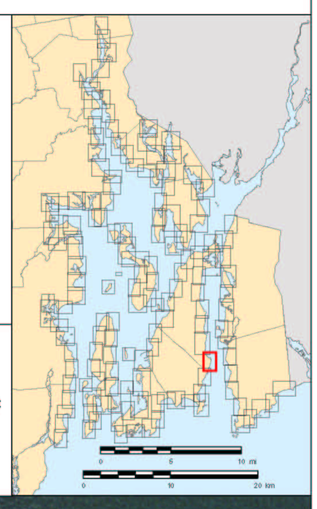
RIGIS

Scale

0 500 1,000 ft

0 100 200 m

2003 USGS Orthophoto Base



3546: -107.5 ft -32.77 m; -1.7 ft -0.51 m

3545: -36.2 ft -11.02 m; -0.6 ft -0.17 m

3544: -54.1 ft -16.51 m; -0.9 ft -0.26 m

3543: -53.1 ft -16.17 m; -0.8 ft -0.25 m

3542: -30.4 ft -9.27 m; -0.5 ft -0.14 m

3541: -45.5 ft -13.86 m; -0.7 ft -0.22 m

3540: -35.6 ft -10.86 m; -0.6 ft -0.17 m

3539: -20.0 ft -6.08 m; -0.3 ft -0.1 m

3538: -2.6 ft -0.80 m; -0.03 ft -0.01 m

3537: -7.8 ft -2.39 m; -0.1 ft -0.04 m

3536: -24.2 ft -7.39 m; -0.4 ft -0.12 m

3535: -7.1 ft -2.16 m; -0.1 ft -0.03 m

3534: -10.8 ft -3.29 m; -0.2 ft -0.05 m

3533: 0.5 ft 0.14 m; 0.0 ft 0.0 m

3532: -2.8 ft -0.85 m; -0.03 ft -0.01 m

3531: 39.0 ft 11.89 m; 0.6 ft 0.19 m

3530: -8.3 ft -2.52 m; -0.1 ft -0.04 m

3529: 2.9 ft 0.88 m; 0.03 ft 0.01 m

3528: -4.3 ft -1.32 m; -0.06 ft -0.02 m

3527: -4.0 ft -1.22 m; -0.07 ft -0.02 m

3526: 1.3 ft 0.39 m; 0.03 ft 0.01 m

3525: -17.9 ft -5.46 m; -0.3 ft -0.09 m

3524: -3.0 ft -0.92 m; -0.03 ft -0.01 m

3523: -21.1 ft -6.44 m; -0.3 ft -0.1 m

3522: -0.2 ft -0.07 m; 0.0 ft 0.0 m

3521: -4.5ft -1.38 m; -0.06 ft -0.02 m

3520: -0.5 ft -0.14 m; 0.0 ft 0.0 m

Feb 05, 2007