

Resource Survey Report

Surfclam/Ocean Quahog



Delmarva Peninsula – Georges Bank

May 23 – June 30, 2005

R/V Delaware II

NOAA Fisheries Service
Northeast Fisheries Science Center
Woods Hole, MA 02543



Scientist measuring surfclams and sorting the catch.



**** During the 2005 survey, electronic surfclam measuring boards were utilized for the first time. ****

RESOURCE SURVEY REPORT

Catch Summary

NOAA Fisheries Service
Northeast Fisheries Science Center

Surfclam - Ocean Quahog Survey
Delmarva Peninsula - Georges Bank
May 23 - June 30, 2005

The 2005 region-wide survey for Atlantic Surfclam, *Spisula solidissima*; and ocean quahog, *Arctica islandica*, was conducted in continental shelf waters, from Delmarva Peninsula to Georges Bank aboard the *R/V DELAWARE II*. The survey, conducted by the Northeast Fisheries Science Center, provides indices of abundance and recruitment for both species. In addition, tows were made at 151 non-random sites during the survey to support on-going scientific studies.

The following charts and station data describe the distribution of surfclams and ocean quahogs during the survey. Five-minute tows were made at the speed of 1.5 knots with a hydraulic jet dredge equipped with a 5-foot wide blade and submersible pump positioned on the dredge. Survey stations were randomly selected to provide unbiased abundance measurements. Therefore, these stations were not always on or near known locations of surfclam concentrations.

In this report, catch quantity is recorded in numbers of surfclams, and depth in fathoms. Percent estimates of surfclams are also given by four categories of shell height: between 0 to 4.75", 4.76 to 5.00", 5.01 to 5.50", and greater than 5.50". Distribution plots indicate relative numbers of surfclams and ocean quahogs caught on each tow.

The data are now summarized from audited catch files generated from the Fisheries Scientific Computer System (FSCS).

For further information contact Russell Brown (508-495-2380) or Linda Despres (508-495-2346), NOAA Fisheries, Northeast Fisheries Science Center, 166 Water Street, Woods Hole, MA 02543. To view this report on the Ecosystems Surveys Branch website, go to:

http://www.nefsc.noaa.gov/esb/Resource_Survey_Reports.htm

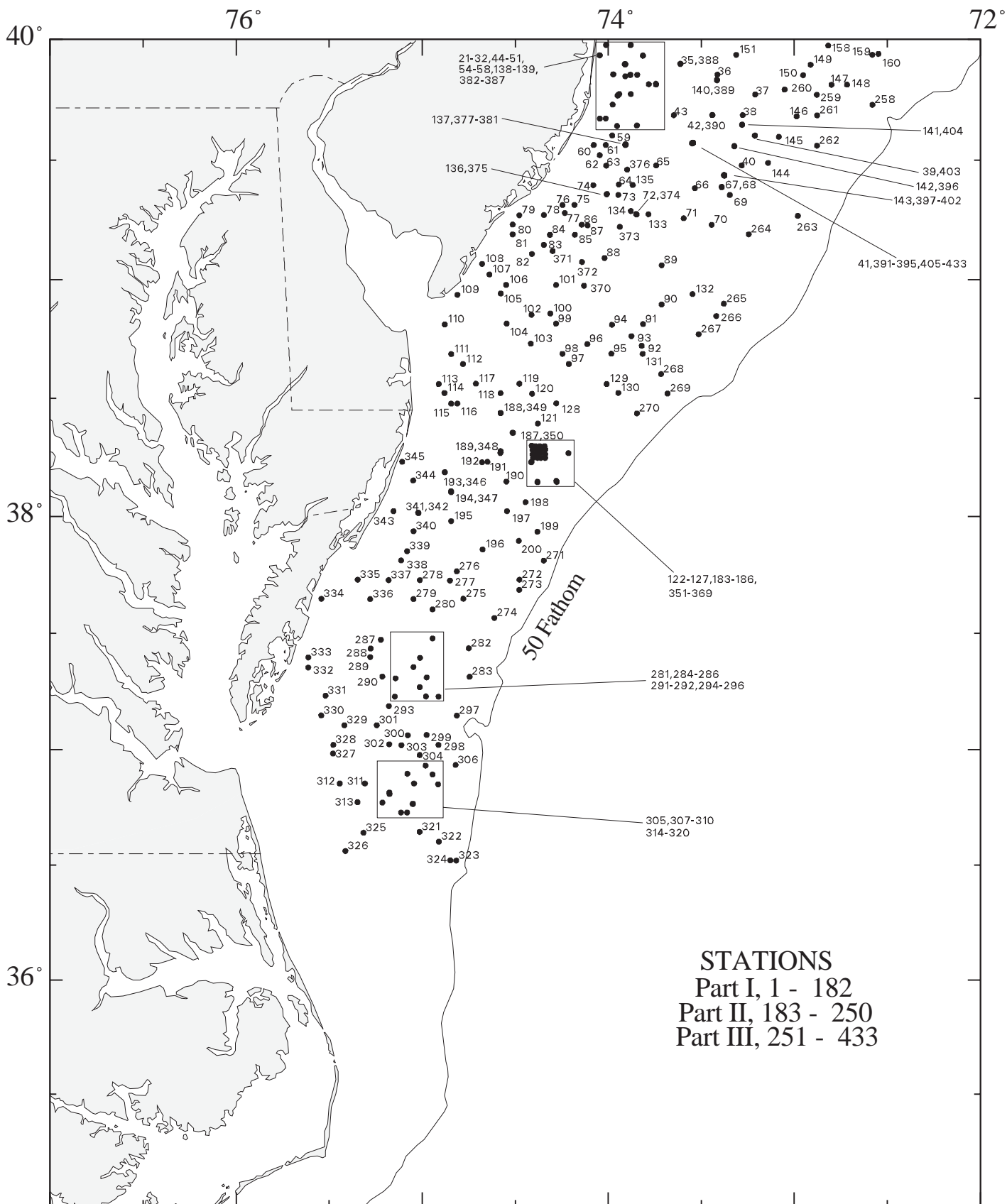


Figure 1. Dredge hauls made from R/V DELAWARE II, during National Marine Fisheries Service, Northeast Fisheries Science Center Surfclam/Ocean Quahog Survey (05 - 07), May 23 - June 30, 2005.

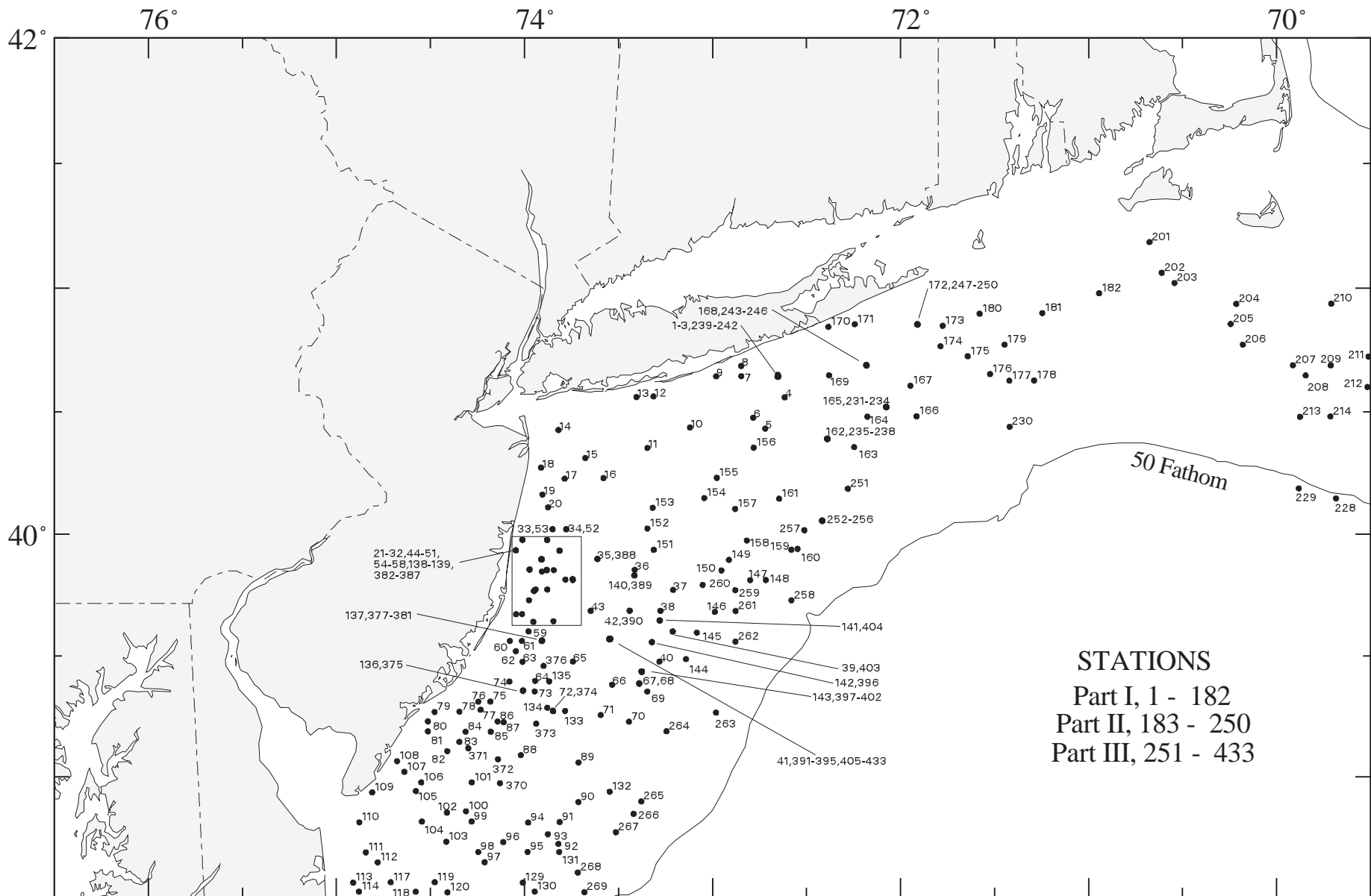


Figure 2. Dredge hauls made from R/V DELAWARE II, during National Marine Fisheries Service, Northeast Fisheries Science Center Surfclam/Ocean Quahog Survey (05 - 07), May 23 - June 30, 2005.

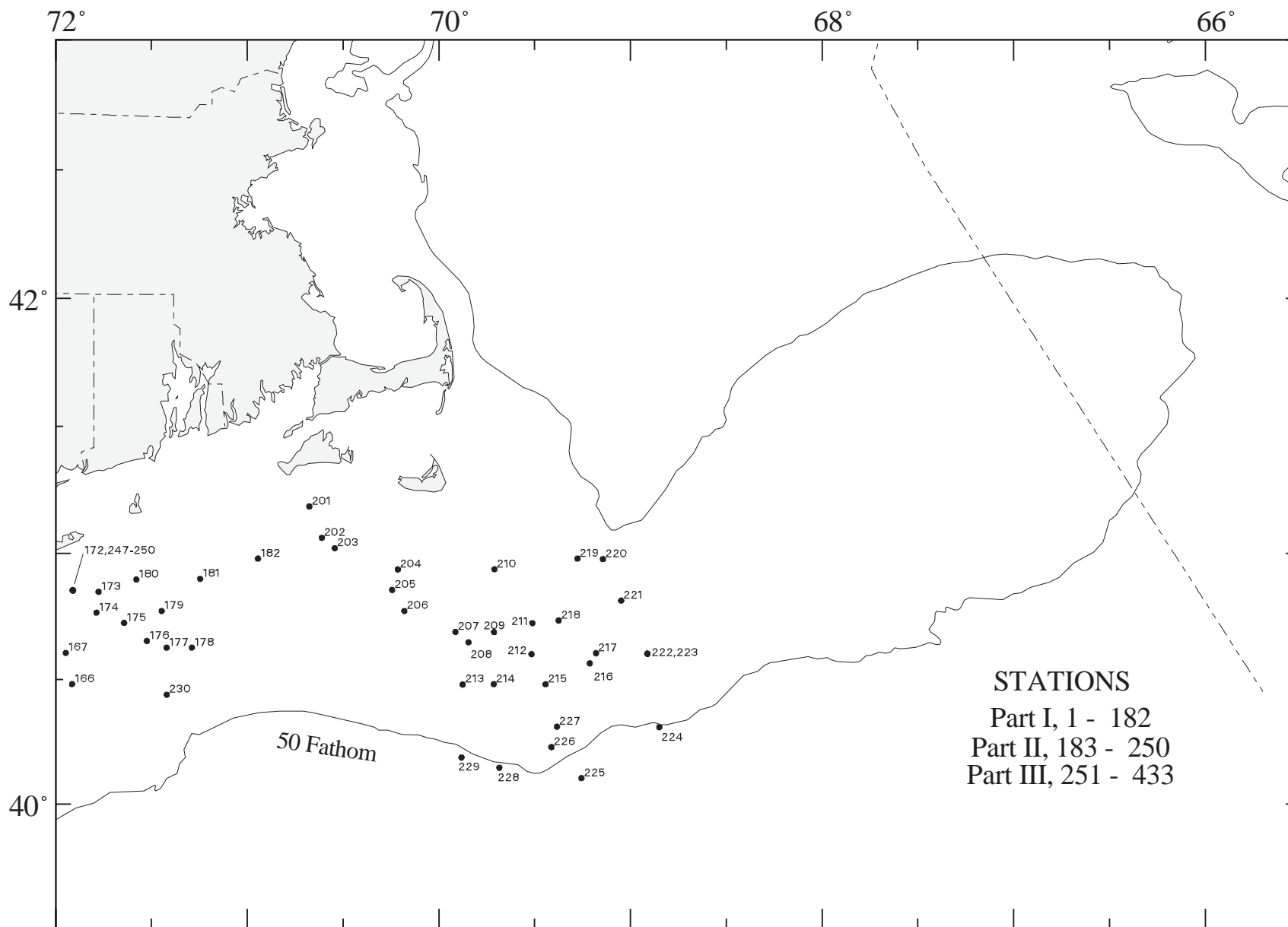


Figure 2. Dredge hauls made from R/V DELAWARE II, during National Marine Fisheries Service, Northeast Fisheries Science Center Surfclam/Ocean Quahog Survey (05 - 07), May 23 - June 30, 2005.

2005 NOAA Fisheries Service Surfclam -- Ocean Quahog Survey
R/V DELAWARE II May 23 - June 30

| Station Data | | | | | | | | Surfclams | | | | | Ocean Quahogs | |
|----------------|----------------|----------|-----------|--------|----------|------------|--------------|-------------------------|---------|------------|------------|--------------|---------------|----|
| Survey Stratum | Station Number | Position | | Loran | | Depth (FM) | Catch Number | Percent of Survey Catch | | | | Catch Number | | |
| | | Latitude | Longitude | Time | Delays | | | Heading | 0-4.74" | 4.76-5.00" | 5.01-5.50" | | >5.50" | |
| | 05 | 0312 | 3651.2 | 7526.6 | X27031.2 | Y41289.6 | 186 | 11.5 | 69 | 100.0 | 0.0 | 0.0 | 0.0 | 0 |
| | 05 | 0313 | 3646.4 | 7520.8 | X26999.8 | Y41249.4 | 145 | 12.6 | 13 | 100.0 | 0.0 | 0.0 | 0.0 | 0 |
| * | 05 | 0314 | 3646.3 | 7512.8 | X26966.1 | Y41266.0 | 96 | 13.7 | 2 | 100.0 | 0.0 | 0.0 | 0.0 | 0 |
| | 05 | 0319 | 3643.7 | 7506.8 | X26937.3 | Y41251.5 | 137 | 17.5 | 12 | 100.0 | 0.0 | 0.0 | 0.0 | 0 |
| * | 05 | 0320 | 3643.7 | 7504.8 | X26928.8 | Y41256.1 | 200 | 15.3 | 4 | 100.0 | 0.0 | 0.0 | 0.0 | 0 |
| | 05 | 0321 | 3638.6 | 7500.8 | X26905.6 | Y41211.4 | 224 | 17.0 | 1 | 100.0 | 0.0 | 0.0 | 0.0 | 0 |
| | 05 | 0322 | 3636.1 | 7454.6 | X26876.6 | Y41200.0 | 178 | 21.3 | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 0 |
| | 05 | 0324 | 3631.2 | 7450.9 | X26855.6 | Y41158.5 | 289 | 23.0 | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 0 |
| | 05 | 0325 | 3638.4 | 7518.9 | X26980.7 | Y41166.9 | 262 | 14.8 | 2 | 100.0 | 0.0 | 0.0 | 0.0 | 0 |
| | 05 | 0326 | 3633.7 | 7524.7 | X26997.9 | Y41102.6 | 348 | 14.8 | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 0 |
| | 06 | 0323 | 3631.2 | 7449.0 | X26847.7 | Y41163.2 | 270 | 27.3 | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 0 |
| | 09 | 0275 | 3738.9 | 7446.7 | X26924.0 | Y41885.7 | 3 | 25.2 | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 79 |
| | 09 | 0276 | 3745.9 | 7448.8 | X26945.1 | Y41959.1 | 228 | 20.2 | 43 | 7.0 | 30.2 | 44.2 | 18.6 | 1 |
| | 09 | 0277 | 3743.5 | 7451.0 | X26952.0 | Y41929.7 | 268 | 18.0 | 2 | 50.0 | 50.0 | 0.0 | 0.0 | 0 |
| | 09 | 0278 | 3743.6 | 7500.7 | X26999.1 | Y41916.7 | 213 | 17.5 | 2 | 100.0 | 0.0 | 0.0 | 0.0 | 0 |
| | 09 | 0279 | 3738.8 | 7502.7 | X27000.6 | Y41860.4 | 108 | 17.0 | 8 | 50.0 | 37.5 | 12.5 | 0.0 | 0 |
| | 09 | 0280 | 3736.1 | 7456.6 | X26967.2 | Y41839.9 | 180 | 19.1 | 12 | 0.0 | 16.7 | 50.0 | 33.3 | 0 |
| | 09 | 0281 | 3728.7 | 7456.6 | X26955.6 | Y41758.7 | 125 | 15.9 | 42 | 2.4 | 2.4 | 40.5 | 54.8 | 0 |
| | 09 | 0282 | 3726.1 | 7444.9 | X26896.9 | Y41749.9 | 183 | 28.4 | 5 | 100.0 | 0.0 | 0.0 | 0.0 | 14 |
| | 09 | 0284 | 3718.6 | 7458.5 | X26949.2 | Y41645.0 | 329 | 21.3 | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 1 |
| | 09 | 0285 | 3723.7 | 7500.7 | X26967.0 | Y41697.0 | 224 | 18.0 | 11 | 0.0 | 18.2 | 63.6 | 18.2 | 0 |
| | 09 | 0286 | 3721.3 | 7502.8 | X26973.0 | Y41667.0 | 310 | 19.1 | 3 | 33.3 | 0.0 | 66.7 | 0.0 | 0 |
| | 09 | 0287 | 3728.3 | 7513.3 | X27032.4 | Y41726.8 | 227 | 17.5 | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 0 |
| | 09 | 0288 | 3726.1 | 7516.6 | X27043.8 | Y41696.7 | 220 | 16.4 | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 0 |
| | 09 | 0289 | 3723.9 | 7516.7 | X27040.5 | Y41671.9 | 215 | 15.9 | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 0 |
| | 09 | 0290 | 3718.8 | 7512.8 | X27014.5 | Y41621.9 | 133 | 14.2 | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 0 |
| | 09 | 0291 | 3718.4 | 7508.5 | X26994.4 | Y41625.0 | 211 | 16.4 | 7 | 100.0 | 0.0 | 0.0 | 0.0 | 0 |
| | 09 | 0292 | 3713.7 | 7508.8 | X26988.5 | Y41572.7 | 233 | 16.4 | 1 | 100.0 | 0.0 | 0.0 | 0.0 | 0 |
| | 09 | 0293 | 3711.2 | 7510.7 | X26993.1 | Y41541.7 | 65 | 16.4 | 4 | 75.0 | 0.0 | 0.0 | 25.0 | 0 |
| | 09 | 0294 | 3716.1 | 7500.7 | X26955.6 | Y41613.8 | 151 | 19.7 | 7 | 0.0 | 0.0 | 71.4 | 28.6 | 0 |
| | 09 | 0295 | 3713.7 | 7458.7 | X26943.0 | Y41591.3 | 96 | 18.0 | 1 | 0.0 | 0.0 | 100.0 | 0.0 | 0 |
| * | 09 | 0296 | 3713.7 | 7454.7 | X26924.9 | Y41598.7 | 169 | 23.5 | 1 | 0.0 | 0.0 | 100.0 | 0.0 | 0 |
| * | 09 | 0299 | 3703.8 | 7458.5 | X26928.3 | Y41484.7 | 290 | 23.5 | 3 | 33.3 | 33.3 | 33.3 | 0.0 | 0 |
| | 09 | 0300 | 3703.7 | 7504.6 | X26955.1 | Y41471.5 | 298 | 19.7 | 2 | 50.0 | 0.0 | 50.0 | 0.0 | 0 |
| | 09 | 0301 | 3706.3 | 7514.6 | X27002.8 | Y41480.3 | 169 | 19.1 | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 0 |
| | 09 | 0302 | 3701.4 | 7510.6 | X26978.0 | Y41434.5 | 97 | 20.2 | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 0 |
| | 09 | 0303 | 3701.1 | 7506.7 | X26960.6 | Y41439.1 | 128 | 20.8 | 1 | 100.0 | 0.0 | 0.0 | 0.0 | 0 |
| * | 09 | 0304 | 3658.6 | 7500.8 | X26931.3 | Y41424.1 | 177 | 23.5 | 6 | 50.0 | 33.3 | 16.7 | 0.0 | 0 |
| | 09 | 0305 | 3655.8 | 7458.9 | X26919.3 | Y41398.0 | 92 | 21.9 | 6 | 0.0 | 0.0 | 66.7 | 33.3 | 0 |
| * | 09 | 0307 | 3653.5 | 7456.6 | X26906.3 | Y41378.4 | 155 | 20.2 | 15 | 20.0 | 13.3 | 40.0 | 26.7 | 0 |
| * | 09 | 0308 | 3651.0 | 7454.8 | X26895.4 | Y41355.7 | 298 | 20.2 | 55 | 23.6 | 36.4 | 34.5 | 5.5 | 0 |
| * | 09 | 0309 | 3651.2 | 7502.6 | X26929.2 | Y41340.9 | 330 | 17.5 | 44 | 79.5 | 0.0 | 13.6 | 6.8 | 0 |
| | 09 | 0310 | 3653.7 | 7504.7 | X26941.6 | Y41363.2 | 272 | 21.9 | 1 | 100.0 | 0.0 | 0.0 | 0.0 | 0 |
| | 09 | 0311 | 3651.2 | 7518.4 | X26996.7 | Y41307.0 | 273 | 17.0 | 1 | 100.0 | 0.0 | 0.0 | 0.0 | 0 |
| * | 09 | 0315 | 3648.9 | 7510.5 | X26959.9 | Y41299.1 | 140 | 13.7 | 1 | 100.0 | 0.0 | 0.0 | 0.0 | 0 |
| | 09 | 0316 | 3648.5 | 7510.5 | X26959.4 | Y41294.8 | 139 | 20.2 | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 0 |
| | 09 | 0317 | 3645.9 | 7502.9 | X26923.6 | Y41283.8 | 219 | 16.4 | 19 | 10.5 | 10.5 | 57.9 | 21.1 | 0 |
| * | 09 | 0318 | 3645.9 | 7503.0 | X26924.0 | Y41283.5 | 229 | 16.4 | 132 | 40.2 | 9.8 | 32.6 | 17.4 | 0 |

'*' Signifies a non-random station

'**' Counts Only

2005 NOAA Fisheries Service Surfclam -- Ocean Quahog Survey
R/V DELAWARE II May 23 - June 30

| Station Data | | | | | | | | Surfclams | | | | | Ocean Quahogs | |
|----------------|----------------|--------------------------------|--------|------------------------------|----------|---------------|-----------------|-------------------------|------------|------------|--------|--------------|---------------|-----|
| Survey Stratum | Station Number | Position Latitude Longitude | | Loran Time Delays Heading | | Depth (FM) | Catch Number | Percent of Survey Catch | | | | Catch Number | | |
| | | | | | | | | 0-4.74" | 4.76-5.00" | 5.01-5.50" | >5.50" | | | |
| 09 | 0327 | 3605.9 | 7528.7 | X26977.0 | Y40796.3 | 27 | 13.1 | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 0 | |
| 09 | 0328 | 3701.2 | 7528.6 | X27055.4 | Y41396.5 | 71 | 14.8 | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 0 | |
| 09 | 0329 | 3706.3 | 7525.0 | X27048.2 | Y41460.4 | 324 | 14.8 | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 0 | |
| 09 | 0330 | 3708.8 | 7532.5 | X27084.7 | Y41474.4 | 23 | 10.9 | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 0 | |
| 09 | 0331 | 3713.9 | 7531.1 | X27087.4 | Y41534.5 | 339 | 12.6 | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 0 | |
| 09 | 0336 | 3738.8 | 7516.7 | X27066.6 | Y41839.3 | 76 | 12.0 | 8 | 100.0 | 0.0 | 0.0 | 0.0 | 0 | |
| 09 | 0337 | 3743.6 | 7510.8 | X27047.5 | Y41902.1 | 70 | 11.5 | 3 | 100.0 | 0.0 | 0.0 | 0.0 | 0 | |
| 09 | 0339 | 3751.0 | 7504.8 | X27032.0 | Y41993.5 | 61 | 16.4 | 1 | 100.0 | 0.0 | 0.0 | 0.0 | 0 | |
| 10 | 0283 | 3718.8 | 7444.7 | X26886.0 | Y41671.8 | 248 | 29.0 | 3 | 100.0 | 0.0 | 0.0 | 0.0 | 3 | |
| 10 | 0298 | 3701.2 | 7454.7 | X26908.0 | Y41464.4 | 286 | 26.2 | 2 | 100.0 | 0.0 | 0.0 | 0.0 | 2 | |
| 10 | 0306 | 3656.0 | 7449.2 | X26877.1 | Y41420.6 | 249 | 32.3 | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 2 | |
| 11 | 0274 | 3733.9 | 7436.7 | X26868.5 | Y41847.1 | 321 | 35.5 | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 6 | |
| 11 | 0297 | 3708.8 | 7448.8 | X26891.6 | Y41557.2 | 219 | 32.8 | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 0 | |
| 13 | 0112 | 3838.6 | 7446.8 | X27031.1 | Y42544.9 | 237 | 10.4 | 2 | 100.0 | 0.0 | 0.0 | 0.0 | 0 | |
| 13 | 0116 | 3828.6 | 7448.6 | X27020.4 | Y42432.0 | 164 | 13.1 | 1 | 100.0 | 0.0 | 0.0 | 0.0 | 0 | |
| 13 | 0117 | 3833.7 | 7442.6 | X26997.8 | Y42493.6 | 140 | 10.4 | 8 | 25.0 | 0.0 | 0.0 | 75.0 | 0 | |
| 13 | 0118 | 3831.3 | 7434.7 | X26949.4 | Y42473.5 | 76 | 17.5 | 5 | 20.0 | 40.0 | 0.0 | 40.0 | 0 | |
| * | 13 | 0121 | 3823.6 | 7422.7 | X26869.8 | Y42399.9 | 209 | 21.9 | 142 | 76.8 | 4.2 | 9.2 | 9.9 | 45 |
| * | 13 | 0122 | 3816.2 | 7422.8 | X26858.7 | Y42320.0 | 64 | 21.9 | 345 | 78.6 | 10.1 | 7.8 | 3.5 | 4 |
| * | 13 | 0123 | 3815.9 | 7423.0 | X26859.3 | Y42316.6 | 49 | 21.9 | 352 | 75.3 | 8.8 | 11.1 | 4.8 | 19 |
| * | 13 | 0124 | 3815.9 | 7422.9 | X26858.8 | Y42316.7 | 176 | 22.4 | 336 | 74.1 | 9.8 | 11.3 | 4.8 | 18 |
| * | 13 | 0125 | 3815.9 | 7423.0 | X26859.3 | Y42316.6 | 102 | 21.9 | 317 | 71.3 | 11.0 | 9.5 | 8.2 | 13 |
| * | 13 | 0126 | 3815.9 | 7422.8 | X26858.2 | Y42316.8 | 123 | 22.4 | 272 | 76.1 | 10.3 | 8.5 | 5.1 | 21 |
| * | 13 | 0127 | 3815.9 | 7402.3 | X26746.6 | Y42336.8 | 258 | 21.9 | 394 | 74.4 | 11.9 | 7.9 | 5.8 | 20 |
| 13 | 0185 | 3808.6 | 7422.8 | X26847.2 | Y42238.3 | 3 | 24.1 | 148 | 93.2 | 4.7 | 2.0 | 0.0 | 31 | |
| 13 | 0186 | 3813.7 | 7424.8 | X26865.6 | Y42291.0 | 326 | 22.4 | 55 | 85.5 | 7.3 | 5.5 | 1.8 | 61 | |
| 13 | 0187 | 3821.2 | 7430.8 | X26910.1 | Y42366.4 | 338 | 17.0 | 73 | 4.1 | 4.1 | 17.8 | 74.0 | 0 | |
| 13 | 0188 | 3826.2 | 7434.7 | X26940.1 | Y42417.6 | 215 | 18.0 | 55 | 7.3 | 5.5 | 12.7 | 74.5 | 0 | |
| 13 | 0189 | 3816.1 | 7434.7 | X26922.5 | Y42307.0 | 189 | 22.4 | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 3 | |
| 13 | 0190 | 3808.8 | 7432.8 | X26900.4 | Y42229.4 | 331 | 19.7 | 20 | 50.0 | 10.0 | 25.0 | 15.0 | 1 | |
| 13 | 0191 | 3813.8 | 7438.9 | X26940.9 | Y42277.5 | 284 | 17.0 | 13 | 15.4 | 7.7 | 7.7 | 69.2 | 0 | |
| 13 | 0192 | 3813.7 | 7440.7 | X26950.2 | Y42274.5 | 284 | 18.0 | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 0 | |
| 13 | 0193 | 3811.2 | 7452.6 | X27007.9 | Y42234.1 | 195 | 10.4 | 5 | 100.0 | 0.0 | 0.0 | 0.0 | 0 | |
| 13 | 0194 | 3806.1 | 7450.6 | X26988.2 | Y42179.7 | 175 | 17.0 | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 0 | |
| 13 | 0195 | 3758.7 | 7450.6 | X26975.2 | Y42097.7 | 84 | 14.2 | 3 | 66.7 | 0.0 | 0.0 | 33.3 | 0 | |
| 13 | 0196 | 3751.5 | 7440.5 | X26912.7 | Y42031.8 | 74 | 24.1 | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 21 | |
| 13 | 0197 | 3801.3 | 7432.6 | X26887.6 | Y42148.3 | 70 | 24.1 | 22 | 50.0 | 13.6 | 18.2 | 18.2 | 10 | |
| 13 | 0198 | 3803.5 | 7426.6 | X26859.7 | Y42179.1 | 159 | 23.0 | 65 | 69.2 | 12.3 | 13.8 | 4.6 | 2 | |
| * | 13 | 0346 | 3811.2 | 7452.7 | X27008.4 | Y42234.0 | 165 | 10.4 | 9 | 100.0 | 0.0 | 0.0 | 0.0 | 0 |
| * | 13 | 0347 | 3806.3 | 7450.6 | X26988.6 | Y42181.9 | 49 | 16.4 | 2 | 100.0 | 0.0 | 0.0 | 0.0 | 0 |
| * | 13 | 0348 | 3816.6 | 7434.7 | X26923.3 | Y42312.5 | 29 | 22.4 | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 19 |
| * | 13 | 0349 | 3826.2 | 7434.6 | X26939.6 | Y42417.6 | 130 | 17.5 | 56 | 14.3 | 5.4 | 17.9 | 62.5 | 0 |
| * | 13 | 0350 | 3821.2 | 7430.7 | X26909.6 | Y42366.5 | 157 | 18.0 | 38 | 13.2 | 7.9 | 13.2 | 65.8 | 0 |
| * | 13 | 0351 | 3813.8 | 7424.7 | X26865.2 | Y42292.2 | 179 | 23.0 | 166 | 75.9 | 6.6 | 12.0 | 5.4 | 100 |
| * | 13 | 0352 | 3808.7 | 7422.8 | X26847.4 | Y42239.3 | 117 | 24.6 | 61 | 88.5 | 6.6 | 3.3 | 1.6 | 9 |
| * | 13 | 0354 | 3816.0 | 7422.6 | X26857.3 | Y42318.0 | 84 | 22.4 | 287 | 72.1 | 10.1 | 10.5 | 7.3 | 24 |
| * | 13 | 0355 | 3816.1 | 7421.7 | X26852.6 | Y42320.0 | 11 | 24.6 | 37** | | | | | 205 |
| * | 13 | 0356 | 3816.9 | 7421.7 | X26853.8 | Y42328.6 | 334 | 23.5 | 44 | 81.8 | 4.5 | 9.1 | 4.5 | 14 |

'**' Signifies a non-random station

'***' Counts Only

2005 NOAA Fisheries Service Surfclam -- Ocean Quahog Survey
R/V DELAWARE II May 23 - June 30

| Station Data | | | | | | | | Surfclams | | | | | Ocean Quahogs | |
|----------------|----------------|--------------------------------|--------|----------------------|----------|----------|------------|--------------|-------------------------|------------|------------|--------|---------------|-----|
| Survey Stratum | Station Number | Position Latitude Longitude | | Loran Time Delays | | Heading | Depth (FM) | Catch Number | Percent of Survey Catch | | | | Catch Number | |
| | | | | | | | | | 0-4.74" | 4.76-5.00" | 5.01-5.50" | >5.50" | | |
| * 13 | 0357 | 3816.9 | 7423.1 | X26861.4 | Y42327.2 | 316 | 24.1 | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 52 | |
| * 13 | 0358 | 3816.9 | 7424.4 | X26868.4 | Y42326.0 | 177 | 21.9 | 290 | 68.3 | 10.0 | 12.8 | 9.0 | 43 | |
| * 13 | 0359 | 3815.7 | 7424.4 | X26866.6 | Y42313.0 | 185 | 23.0 | 206** | | | | | 162 | |
| * 13 | 0360 | 3814.8 | 7424.2 | X26864.1 | Y42303.5 | 95 | 21.9 | 176 | 64.8 | 8.5 | 14.8 | 11.9 | 53 | |
| * 13 | 0361 | 3814.8 | 7422.7 | X26856.0 | Y42305.0 | 99 | 23.0 | 246** | | | | | 26 | |
| * 13 | 0362 | 3814.8 | 7421.7 | X26850.6 | Y42306.0 | 115 | 24.1 | 232 | 78.9 | 8.2 | 8.6 | 4.3 | 63 | |
| * 13 | 0363 | 3814.8 | 7420.3 | X26843.1 | Y42307.4 | 41 | 24.1 | 318** | | | | | 21 | |
| * 13 | 0364 | 3815.8 | 7420.3 | X26844.6 | Y42318.2 | 40 | 25.7 | 58 | 89.7 | 6.9 | 3.4 | 0.0 | 52 | |
| * 13 | 0365 | 3817.0 | 7420.3 | X26846.4 | Y42331.0 | 25 | 24.6 | 131** | | | | | 50 | |
| * 13 | 0366 | 3817.8 | 7420.5 | X26848.7 | Y42339.4 | 252 | 24.1 | 90 | 87.8 | 7.8 | 3.3 | 1.1 | 26 | |
| * 13 | 0367 | 3817.8 | 7422.0 | X26856.8 | Y42338.0 | 225 | 23.0 | 53** | | | | | 48 | |
| * 13 | 0368 | 3817.8 | 7423.4 | X26864.4 | Y42336.6 | 251 | 21.9 | 92 | 75.0 | 7.6 | 10.9 | 6.5 | 2 | |
| * 13 | 0369 | 3817.9 | 7424.6 | X26871.1 | Y42336.6 | 261 | 22.4 | 43** | | | | | 120 | |
| | 14 | 0183 | 3816.0 | 7412.8 | X26804.1 | Y42327.7 | 216 | 29.0 | 1 | 100.0 | 0.0 | 0.0 | 0.0 | 59 |
| | 14 | 0184 | 3808.7 | 7416.6 | X26814.4 | Y42246.1 | 277 | 25.7 | 111 | 93.7 | 4.5 | 1.8 | 0.0 | 14 |
| | 14 | 0200 | 3753.6 | 7428.8 | X26856.7 | Y42070.0 | 235 | 30.6 | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 30 |
| * | 14 | 0353 | 3809.0 | 7416.7 | X26815.4 | Y42249.2 | 355 | 25.7 | 100 | 100.0 | 0.0 | 0.0 | 0.0 | 10 |
| | 15 | 0199 | 3756.0 | 7422.8 | X26829.4 | Y42103.4 | 250 | 33.9 | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 66 |
| | 15 | 0271 | 3748.6 | 7420.7 | X26808.9 | Y42027.4 | 236 | 36.6 | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 53 |
| | 15 | 0272 | 3743.7 | 7428.6 | X26842.1 | Y41964.2 | 212 | 33.9 | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 385 |
| | 15 | 0273 | 3741.1 | 7428.7 | X26839.1 | Y41936.3 | 192 | 33.9 | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 23 |
| | 17 | 0095 | 3841.2 | 7305.9 | X26446.7 | Y42634.4 | 322 | 25.7 | 2 | 100.0 | 0.0 | 0.0 | 0.0 | 105 |
| | 17 | 0096 | 3843.7 | 7406.7 | X26810.8 | Y42626.9 | 249 | 27.3 | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 43 |
| | 17 | 0097 | 3838.7 | 7412.7 | X26837.8 | Y42569.9 | 325 | 24.6 | 12 | 83.3 | 0.0 | 8.3 | 8.3 | 17 |
| | 17 | 0098 | 3841.2 | 7414.7 | X26853.4 | Y42595.3 | 20 | 22.4 | 42 | 69.0 | 7.1 | 4.8 | 19.0 | 51 |
| | 17 | 0099 | 3848.8 | 7416.8 | X26878.9 | Y42675.8 | 359 | 21.3 | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 11 |
| | 17 | 0100 | 3851.4 | 7418.6 | X26894.3 | Y42702.9 | 63 | 17.5 | 19 | 15.8 | 5.3 | 21.1 | 57.9 | 10 |
| | 17 | 0102 | 3851.1 | 7424.7 | X26929.8 | Y42696.5 | 205 | 17.5 | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 0 |
| | 17 | 0103 | 3843.8 | 7424.9 | X26917.1 | Y42617.0 | 319 | 17.5 | 4 | 0.0 | 0.0 | 50.0 | 50.0 | 0 |
| | 17 | 0104 | 3848.8 | 7432.7 | X26972.0 | Y42667.0 | 354 | 12.6 | 14 | 21.4 | 0.0 | 14.3 | 64.3 | 0 |
| | 17 | 0119 | 3833.6 | 7428.6 | X26919.6 | Y42503.4 | 152 | 20.2 | 13 | 38.5 | 15.4 | 0.0 | 46.2 | 24 |
| | 17 | 0120 | 3831.1 | 7424.5 | X26892.2 | Y42479.5 | 140 | 23.5 | 2 | 100.0 | 0.0 | 0.0 | 0.0 | 82 |
| | 17 | 0128 | 3828.7 | 7416.7 | X26844.6 | Y42459.8 | 127 | 23.0 | 20 | 85.0 | 0.0 | 10.0 | 5.0 | 19 |
| | 18 | 0129 | 3833.6 | 7400.5 | X26759.8 | Y42524.2 | 153 | 29.0 | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 163 |
| | 18 | 0130 | 3831.3 | 7356.7 | X26734.9 | Y42502.8 | 43 | 29.0 | 1 | 100.0 | 0.0 | 0.0 | 0.0 | 31 |
| | 18 | 0131 | 3841.2 | 7348.9 | X26702.3 | Y42611.0 | 45 | 27.3 | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 104 |
| | 19 | 0268 | 3836.1 | 7342.9 | X26660.9 | Y42562.1 | 159 | 31.7 | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 41 |
| | 19 | 0269 | 3831.2 | 7340.8 | X26643.4 | Y42513.3 | 257 | 36.1 | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 29 |
| | 19 | 0270 | 3826.1 | 7350.7 | X26694.3 | Y42453.3 | 252 | 34.4 | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 214 |
| * | 21 | 0029 | 3948.7 | 7344.5 | X26782.0 | Y43306.7 | 131 | 15.9 | 42 | 9.5 | 2.4 | 7.1 | 81.0 | 0 |
| | 21 | 0040 | 3928.6 | 7316.9 | X26556.8 | Y43097.5 | 268 | 20.2 | 61 | 36.1 | 16.4 | 8.2 | 39.3 | 6 |
| | 21 | 0041 | 3934.1 | 7332.9 | X26674.5 | Y43155.4 | 80 | 20.8 | 78 | 10.3 | 3.8 | 12.8 | 73.1 | 0 |
| | 21 | 0042 | 3941.2 | 7326.4 | X26640.1 | Y43224.5 | 243 | 17.5 | 196 | 39.3 | 8.7 | 14.3 | 37.8 | 0 |
| | 21 | 0043 | 3941.1 | 7338.8 | X26727.3 | Y43227.6 | 273 | 17.5 | 40 | 37.5 | 7.5 | 12.5 | 42.5 | 1 |
| | 21 | 0044 | 3938.6 | 7350.7 | X26805.4 | Y43205.5 | 283 | 15.3 | 23 | 0.0 | 0.0 | 4.3 | 95.7 | 0 |
| | 21 | 0049 | 3904.9 | 7344.6 | X26708.0 | Y42857.8 | 197 | 16.4 | 63 | 6.3 | 1.6 | 3.2 | 88.9 | 0 |
| | 21 | 0065 | 3928.6 | 7344.5 | X26744.6 | Y43101.5 | 152 | 17.5 | 22 | 4.5 | 0.0 | 13.6 | 81.8 | 0 |
| | 21 | 0066 | 3922.9 | 7332.0 | X26651.6 | Y43042.5 | 100 | 25.2 | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 141 |

'*' Signifies a non-random station

'***' Counts Only

2005 NOAA Fisheries Service Surfclam -- Ocean Quahog Survey
R/V DELAWARE II May 23 - June 30

| Station Data | | | | | | | | Surfclams | | | | | Ocean Quahogs | |
|----------------|----------------|--------------------------------|--------|------------------------------|----------|---------------|-----------------|-------------------------|------------|------------|--------|--------------|---------------|----|
| Survey Stratum | Station Number | Position Latitude Longitude | | Loran Time Delays Heading | | Depth (FM) | Catch Number | Percent of Survey Catch | | | | Catch Number | | |
| | | | | | | | | 0-4.74" | 4.76-5.00" | 5.01-5.50" | >5.50" | | | |
| | 21 | 0067 | 3923.1 | 7323.3 | X26593.5 | Y43043.9 | 136 | 25.7 | 0 | 0.0 | 0.0 | 0.0 | 0 | |
| | 21 | 0068 | 3923.2 | 7323.4 | X26594.3 | Y43044.9 | 184 | 25.2 | 2 | 50.0 | 50.0 | 0.0 | 134 | |
| | 21 | 0070 | 3913.7 | 7326.6 | X26603.9 | Y42950.0 | 283 | 23.5 | 26 | 92.3 | 3.8 | 3.8 | 59 | |
| | 21 | 0071 | 3915.3 | 7335.6 | X26664.8 | Y42965.6 | 324 | 26.2 | 0 | 0.0 | 0.0 | 0.0 | 78 | |
| | 21 | 0072 | 3916.3 | 7350.8 | X26765.5 | Y42974.8 | 341 | 20.8 | 108 | 4.6 | 3.7 | 24.1 | 3 | |
| | 21 | 0087 | 3913.6 | 7406.6 | X26862.2 | Y42944.6 | 176 | 14.2 | 6 | 16.7 | 0.0 | 16.7 | 0 | |
| | 21 | 0088 | 3905.4 | 7401.1 | X26812.6 | Y42858.9 | 115 | 19.1 | 0 | 0.0 | 0.0 | 0.0 | 86 | |
| | 21 | 0089 | 3903.5 | 7342.7 | X26694.0 | Y42843.8 | 196 | 22.4 | 2 | 0.0 | 0.0 | 100.0 | 7 | |
| | 21 | 0090 | 3853.7 | 7342.7 | X26680.9 | Y42743.1 | 237 | 22.4 | 12 | 66.7 | 0.0 | 16.7 | 4 | |
| | 21 | 0091 | 3848.7 | 7348.7 | X26710.8 | Y42688.9 | 230 | 26.2 | 0 | 0.0 | 0.0 | 0.0 | 51 | |
| | 21 | 0093 | 3845.7 | 7352.5 | X26729.6 | Y42655.8 | 334 | 24.6 | 3 | 100.0 | 0.0 | 0.0 | 38 | |
| | 21 | 0094 | 3848.6 | 7358.8 | X26771.4 | Y42682.9 | 215 | 25.7 | 1 | 100.0 | 0.0 | 0.0 | 50 | |
| | 21 | 0101 | 3858.6 | 7416.8 | X26896.9 | Y42781.3 | 230 | 16.4 | 0 | 0.0 | 0.0 | 0.0 | 76 | |
| * | 21 | 0133 | 3916.4 | 7347.0 | X26740.9 | Y42976.1 | 314 | 20.2 | 31 | 3.2 | 6.5 | 35.5 | 3 | |
| * | 21 | 0134 | 3917.2 | 7352.7 | X26779.3 | Y42984.0 | 3 | 20.2 | 39 | 2.6 | 5.1 | 30.8 | 5 | |
| * | 21 | 0135 | 3923.7 | 7352.0 | X26786.2 | Y43051.5 | 28 | 15.9 | 9 | 11.1 | 11.1 | 0.0 | 77.8 | 0 |
| * | 21 | 0142 | 3933.4 | 7319.3 | X26579.3 | Y43145.3 | 163 | 19.7 | 102 | 30.4 | 7.8 | 17.6 | 44.1 | 2 |
| * | 21 | 0143 | 3926.2 | 7322.6 | X26592.7 | Y43074.6 | 105 | 18.6 | 108 | 38.9 | 6.5 | 13.0 | 41.7 | 1 |
| * | 21 | 0370 | 3858.4 | 7407.8 | X26841.8 | Y42782.6 | 10 | 18.0 | 5 | 80.0 | 0.0 | 0.0 | 20.0 | 18 |
| * | 21 | 0371 | 3907.1 | 7417.9 | X26920.3 | Y42872.5 | 90 | 15.3 | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 0 |
| * | 21 | 0372 | 3904.4 | 7408.4 | X26856.3 | Y42846.3 | 82 | 16.4 | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 48 |
| * | 21 | 0373 | 3913.2 | 7356.2 | X26795.0 | Y42941.9 | 86 | 18.0 | 12 | 8.3 | 16.7 | 16.7 | 58.3 | 2 |
| * | 21 | 0374 | 3916.4 | 7350.9 | X26766.3 | Y42975.8 | 350 | 20.2 | 63 | 15.9 | 11.1 | 15.9 | 57.1 | 2 |
| * | 21 | 0390 | 3941.1 | 7326.4 | X26640.0 | Y43223.5 | 273 | 17.5 | 21 | 47.6 | 4.8 | 14.3 | 33.3 | 0 |
| * | 21 | 0391 | 3934.2 | 7332.8 | X26673.9 | Y43156.4 | 99 | 20.8 | 242 | 7.4 | 0.4 | 22.3 | 69.8 | 0 |
| * | 21 | 0392 | 3934.2 | 7332.7 | X26673.2 | Y43156.4 | 140 | 20.8 | 146** | | | | | 0 |
| * | 21 | 0393 | 3934.2 | 7332.8 | X26673.9 | Y43156.4 | 54 | 20.8 | 64 | 18.8 | 1.6 | 18.8 | 60.9 | 1 |
| * | 21 | 0394 | 3934.3 | 7332.6 | X26672.7 | Y43157.3 | 51 | 20.8 | 55** | | | | | 2 |
| * | 21 | 0395 | 3934.2 | 7332.9 | X26674.6 | Y43156.4 | 3 | 20.8 | 84** | | | | | 0 |
| * | 21 | 0396 | 3933.3 | 7319.3 | X26579.2 | Y43144.3 | 200 | 19.1 | 39 | 33.3 | 7.7 | 10.3 | 48.7 | 0 |
| * | 21 | 0397 | 3926.1 | 7322.5 | X26591.9 | Y43073.6 | 32 | 18.0 | 155 | 37.4 | 2.6 | 11.6 | 48.4 | 3 |
| * | 21 | 0398 | 3926.0 | 7322.5 | X26591.8 | Y43072.7 | 3 | 17.5 | 30 | 43.3 | 13.3 | 13.3 | 30.0 | 3 |
| * | 21 | 0399 | 3926.1 | 7322.5 | X26591.9 | Y43073.6 | 350 | 18.0 | 62 | 27.4 | 9.7 | 8.1 | 54.8 | 10 |
| * | 21 | 0400 | 3926.1 | 7322.6 | X26592.6 | Y43073.7 | 100 | 18.0 | 118** | | | | | 9 |
| * | 21 | 0401 | 3926.2 | 7322.5 | X26592.0 | Y43074.6 | 250 | 18.0 | 132 | 37.1 | 4.5 | 11.4 | 47.0 | 9 |
| * | 21 | 0402 | 3926.2 | 7322.6 | X26592.7 | Y43074.6 | 133 | 18.0 | 164** | | | | | 7 |
| * | 21 | 0405 | 3934.2 | 7332.6 | X26672.6 | Y43156.3 | 68 | 20.8 | 231 | 7.8 | 1.7 | 21.6 | 68.8 | 0 |
| * | 21 | 0406 | 3934.2 | 7332.7 | X26673.2 | Y43156.4 | 74 | 20.2 | 223** | | | | | 0 |
| * | 21 | 0407 | 3934.2 | 7332.7 | X26673.2 | Y43156.4 | 79 | 20.2 | 152** | | | | | 2 |
| * | 21 | 0408 | 3934.2 | 7332.6 | X26672.6 | Y43156.3 | 86 | 20.2 | 199** | | | | | 1 |
| * | 21 | 0409 | 3934.2 | 7332.7 | X26673.2 | Y43156.4 | 86 | 20.2 | 301** | | | | | 1 |
| * | 21 | 0410 | 3934.2 | 7332.7 | X26673.2 | Y43156.4 | 79 | 20.2 | 65 | 6.2 | 3.1 | 20.0 | 70.8 | 0 |
| * | 21 | 0411 | 3934.2 | 7332.7 | X26673.2 | Y43156.4 | 77 | 20.8 | 161** | | | | | 2 |
| * | 21 | 0412 | 3934.2 | 7332.7 | X26673.2 | Y43156.4 | 84 | 20.8 | 119** | | | | | 0 |
| * | 21 | 0413 | 3934.2 | 7332.7 | X26673.2 | Y43156.4 | 86 | 20.8 | 86 | 11.6 | 9.3 | 18.6 | 60.5 | 2 |
| * | 21 | 0414 | 3934.2 | 7332.7 | X26673.2 | Y43156.4 | 82 | 20.8 | 331** | | | | | 1 |
| * | 21 | 0415 | 3934.2 | 7332.7 | X26673.2 | Y43156.4 | 74 | 21.3 | 112** | | | | | 0 |
| * | 21 | 0416 | 3934.2 | 7332.7 | X26673.2 | Y43156.4 | 83 | 20.8 | 194** | | | | | 1 |

'**' Signifies a non-random station

'***' Counts Only

2005 NOAA Fisheries Service Surfclam -- Ocean Quahog Survey
R/V DELAWARE II May 23 - June 30

| Station Data | | | | | | | | Surfclams | | | | | Ocean Quahogs |
|----------------|----------------|--------------------------------|--------|------------------------------|----------|---------------|-----------------|-------------------------|------------|------------|--------|--------------|---------------|
| Survey Stratum | Station Number | Position Latitude Longitude | | Loran Time Delays Heading | | Depth (FM) | Catch Number | Percent of Survey Catch | | | | Catch Number | |
| | | | | | | | | 0-4.74" | 4.76-5.00" | 5.01-5.50" | >5.50" | | |
| * 21 | 0417 | 3934.2 | 7332.7 | X26673.2 | Y43156.4 | 85 | 20.8 | | | | | 149** | 2 |
| * 21 | 0418 | 3934.2 | 7332.7 | X26673.2 | Y43156.4 | 88 | 20.8 | | | | | 181** | 0 |
| * 21 | 0419 | 3934.2 | 7332.7 | X26673.2 | Y43156.4 | 83 | 20.8 | | | | | 141** | 0 |
| * 21 | 0420 | 3934.2 | 7332.7 | X26673.2 | Y43156.4 | 84 | 20.2 | | | | | 141** | 0 |
| * 21 | 0421 | 3934.2 | 7332.7 | X26673.2 | Y43156.4 | 92 | 20.2 | | | | | 196** | 1 |
| * 21 | 0422 | 3934.2 | 7332.7 | X26673.2 | Y43156.4 | 81 | 20.2 | | | | | 178 | 0 |
| * 21 | 0423 | 3934.2 | 7332.7 | X26673.2 | Y43156.4 | 77 | 20.8 | 10.7 | 1.7 | 10.1 | 77.5 | 118** | 2 |
| * 21 | 0424 | 3934.2 | 7332.7 | X26673.2 | Y43156.4 | 83 | 20.8 | | | | | 112** | 1 |
| * 21 | 0425 | 3934.2 | 7332.7 | X26673.2 | Y43156.4 | 92 | 20.8 | | | | | 67** | 1 |
| * 21 | 0426 | 3934.2 | 7332.7 | X26673.2 | Y43156.4 | 92 | 20.8 | 2.0 | 2.0 | 17.3 | 78.6 | 98 | 1 |
| * 21 | 0427 | 3934.2 | 7332.7 | X26673.2 | Y43156.4 | 78 | 21.3 | | | | | 72** | 0 |
| * 21 | 0428 | 3934.2 | 7332.6 | X26672.6 | Y43156.3 | 93 | 20.8 | | | | | 42** | 0 |
| * 21 | 0429 | 3934.2 | 7332.7 | X26673.2 | Y43156.4 | 102 | 20.8 | | | | | 39** | 0 |
| * 21 | 0430 | 3934.2 | 7332.7 | X26673.2 | Y43156.4 | 83 | 20.2 | | | | | 231** | 1 |
| * 21 | 0431 | 3934.2 | 7332.7 | X26673.2 | Y43156.4 | 74 | 20.2 | | | | | 38** | 1 |
| * 21 | 0432 | 3934.2 | 7332.7 | X26673.2 | Y43156.4 | 86 | 20.2 | | | | | 18** | 0 |
| * 21 | 0433 | 3934.2 | 7332.7 | X26673.2 | Y43156.4 | 97 | 20.2 | | | | | 57** | 0 |
| 22 | 0069 | 3921.2 | 7320.8 | X26574.4 | Y43024.9 | 224 | 26.8 | 2 | 100.0 | 0.0 | 0.0 | 0.0 | 101 |
| 22 | 0092 | 3843.2 | 7349.1 | X26706.0 | Y42631.6 | 257 | 26.2 | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 45 |
| 22 | 0132 | 3856.3 | 7332.8 | X26623.0 | Y42773.2 | 10 | 27.3 | 1 | 100.0 | 0.0 | 0.0 | 0.0 | 64 |
| 23 | 0263 | 3901.6 | 7258.8 | X26414.3 | Y42834.7 | 206 | 38.3 | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 22 |
| 23 | 0264 | 3911.3 | 7314.7 | X26523.6 | Y42927.0 | 219 | 33.9 | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 164 |
| 23 | 0265 | 3853.9 | 7322.7 | X26557.9 | Y42752.5 | 206 | 32.8 | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 27 |
| 23 | 0266 | 3850.8 | 7325.1 | X26569.8 | Y42720.6 | 225 | 37.7 | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 222 |
| 23 | 0267 | 3846.2 | 7330.8 | X26599.9 | Y42671.8 | 241 | 37.2 | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 27 |
| 25 | 0016 | 4013.7 | 7334.8 | X26762.7 | Y43550.3 | 234 | 15.9 | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 66 |
| 25 | 0017 | 4013.6 | 7347.1 | X26856.2 | Y43559.5 | 226 | 19.1 | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 1 |
| * 25 | 0034 | 4001.2 | 7346.7 | X26824.3 | Y43434.5 | 150 | 14.8 | 36 | 22.2 | 0.0 | 8.3 | 69.4 | 2 |
| 25 | 0035 | 3953.9 | 7336.7 | X26736.0 | Y43355.4 | 130 | 16.4 | 71 | 21.1 | 2.8 | 9.9 | 66.2 | 17 |
| 25 | 0036 | 3951.2 | 7324.8 | X26644.6 | Y43322.6 | 146 | 23.0 | 59 | 98.3 | 1.7 | 0.0 | 0.0 | 25 |
| 25 | 0037 | 3946.3 | 7312.6 | X26548.9 | Y43269.0 | 200 | 25.7 | 14 | 100.0 | 0.0 | 0.0 | 0.0 | 35 |
| 25 | 0038 | 3941.1 | 7316.6 | X26570.6 | Y43220.0 | 160 | 23.5 | 46 | 76.1 | 10.9 | 8.7 | 4.3 | 33 |
| 25 | 0039 | 3936.0 | 7312.7 | X26536.6 | Y43169.0 | 189 | 22.4 | 68 | 69.1 | 7.4 | 11.8 | 11.8 | 19 |
| 25 | 0052 | 4001.2 | 7346.6 | X26823.6 | Y43434.5 | 194 | 14.8 | 62 | 14.5 | 0.0 | 8.1 | 77.4 | 3 |
| * 25 | 0140 | 3949.9 | 7324.9 | X26643.2 | Y43309.8 | 152 | 21.9 | 83 | 88.0 | 8.4 | 3.6 | 0.0 | 20 |
| * 25 | 0141 | 3938.7 | 7316.8 | X26568.8 | Y43196.6 | 221 | 21.9 | 89 | 61.8 | 7.9 | 15.7 | 14.6 | 12 |
| 25 | 0144 | 3929.2 | 7308.4 | X26499.2 | Y43101.9 | 34 | 23.0 | 46 | 54.3 | 23.9 | 13.0 | 8.7 | 56 |
| * 25 | 0388 | 3953.9 | 7336.7 | X26736.0 | Y43355.4 | 140 | 16.4 | 79 | 19.0 | 1.3 | 16.5 | 63.3 | 11 |
| * 25 | 0389 | 3949.8 | 7324.9 | X26643.1 | Y43308.9 | 222 | 21.9 | 140 | 95.7 | 3.6 | 0.0 | 0.7 | 27 |
| * 25 | 0403 | 3936.0 | 7312.7 | X26536.6 | Y43169.0 | 338 | 22.4 | 106 | 69.8 | 12.3 | 6.6 | 11.3 | 43 |
| * 25 | 0404 | 3938.8 | 7316.7 | X26568.2 | Y43197.6 | 256 | 21.9 | 114 | 65.8 | 9.6 | 10.5 | 14.0 | 20 |
| 26 | 0145 | 3935.7 | 7300.5 | X26450.8 | Y43162.6 | 114 | 25.2 | 15 | 86.7 | 13.3 | 0.0 | 0.0 | 66 |
| 26 | 0151 | 3956.1 | 7318.7 | X26607.9 | Y43367.2 | 324 | 30.1 | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 1 |
| 26 | 0152 | 4001.4 | 7320.8 | X26632.4 | Y43419.9 | 348 | 27.3 | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 76 |
| 27 | 0146 | 3940.9 | 7259.2 | X26446.6 | Y43211.8 | 343 | 33.9 | 2 | 100.0 | 0.0 | 0.0 | 0.0 | 139 |
| 27 | 0260 | 3947.5 | 7303.1 | X26481.7 | Y43276.2 | 341 | 33.9 | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 21 |
| 27 | 0261 | 3941.1 | 7252.6 | X26399.8 | Y43211.2 | 165 | 37.2 | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 12 |
| 27 | 0262 | 3933.5 | 7252.6 | X26393.8 | Y43139.5 | 168 | 33.9 | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 33 |

'*' Signifies a non-random station

'**' Counts Only

2005 NOAA Fisheries Service Surfclam -- Ocean Quahog Survey
R/V DELAWARE II May 23 - June 30

| Station Data | | | | | | | | Surfclams | | | | Ocean Quahogs | | |
|----------------|----------------|--------------------------------|--------|------------------------------|----------|---------------|-----------------|-------------------------|------------|------------|--------|---------------|-------|-----|
| Survey Stratum | Station Number | Position Latitude Longitude | | Loran Time Delays Heading | | Depth (FM) | Catch Number | Percent of Survey Catch | | | | Catch Number | | |
| | | | | | | | | 0-4.74" | 4.76-5.00" | 5.01-5.50" | >5.50" | | | |
| | 29 | 0001 | 4038.4 | 7239.2 | X26364.2 | Y43720.2 | 276 | 19.1 | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 3 |
| | 29 | 0002 | 4003.9 | 7239.1 | X26320.1 | Y43414.3 | 328 | 19.1 | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 0 |
| | 29 | 0003 | 4038.5 | 7239.0 | X26362.7 | Y43720.8 | 211 | 19.1 | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 331 |
| | 29 | 0004 | 4033.4 | 7236.9 | X26337.3 | Y43674.1 | 218 | 21.9 | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 49 |
| | 29 | 0005 | 4025.8 | 7243.1 | X26376.8 | Y43614.2 | 249 | 24.6 | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 70 |
| | 29 | 0006 | 4028.5 | 7247.0 | X26412.5 | Y43642.3 | 239 | 23.5 | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 38 |
| | 29 | 0007 | 4038.6 | 7250.8 | X26461.2 | Y43736.1 | 259 | 15.9 | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 48 |
| | 29 | 0010 | 4026.1 | 7307.1 | X26570.8 | Y43642.0 | 242 | 18.0 | 1 | 0.0 | 0.0 | 0.0 | 100.0 | 10 |
| | 29 | 0011 | 4021.1 | 7320.7 | X26669.0 | Y43608.9 | 240 | 17.5 | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 1 |
| | 29 | 0153 | 4006.5 | 7319.1 | X26628.6 | Y43467.9 | 75 | 21.9 | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 65 |
| | 29 | 0154 | 4008.8 | 7302.6 | X26506.1 | Y43477.1 | 34 | 24.6 | 1 | 100.0 | 0.0 | 0.0 | 0.0 | 75 |
| | 29 | 0155 | 4013.8 | 7258.6 | X26482.6 | Y43520.3 | 62 | 24.6 | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 115 |
| * | 29 | 0239 | 4038.5 | 7239.0 | X26362.7 | Y43720.8 | 311 | 18.6 | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 125 |
| * | 29 | 0240 | 4038.5 | 7239.1 | X26363.5 | Y43720.9 | 206 | 19.1 | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 180 |
| * | 29 | 0241 | 4038.4 | 7239.1 | X26363.4 | Y43720.1 | 249 | 19.1 | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 181 |
| * | 29 | 0242 | 4038.5 | 7239.1 | X26363.5 | Y43720.9 | 110 | 19.1 | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 62 |
| | 30 | 0147 | 3948.7 | 7248.0 | X26373.1 | Y43280.3 | 92 | 32.8 | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 210 |
| | 30 | 0148 | 3948.7 | 7242.9 | X26336.0 | Y43277.7 | 297 | 31.2 | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 64 |
| | 30 | 0149 | 3953.7 | 7254.7 | X26427.1 | Y43330.5 | 260 | 30.1 | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 200 |
| | 30 | 0156 | 4021.2 | 7246.8 | X26400.1 | Y43576.8 | 242 | 26.2 | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 159 |
| | 30 | 0157 | 4006.2 | 7252.7 | X26426.5 | Y43445.3 | 219 | 26.8 | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 314 |
| | 30 | 0158 | 3958.4 | 7249.0 | X26389.6 | Y43370.8 | 178 | 30.1 | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 222 |
| | 30 | 0162 | 4023.3 | 7223.3 | X26214.0 | Y43572.3 | 131 | 29.0 | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 342 |
| * | 30 | 0235 | 4023.3 | 7223.3 | X26214.0 | Y43572.3 | 278 | 29.0 | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 121 |
| * | 30 | 0236 | 4023.2 | 7223.3 | X26213.9 | Y43571.4 | 237 | 29.0 | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 262 |
| * | 30 | 0237 | 4023.4 | 7223.3 | X26214.1 | Y43573.1 | 358 | 29.0 | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 205 |
| * | 30 | 0238 | 4023.4 | 7223.4 | X26214.9 | Y43573.2 | 168 | 29.0 | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 86 |
| | 31 | 0150 | 3951.1 | 7257.1 | X26442.0 | Y43307.4 | 128 | 35.5 | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 393 |
| | 31 | 0159 | 3956.2 | 7234.8 | X26281.6 | Y43341.8 | 107 | 33.4 | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 105 |
| | 31 | 0160 | 3956.4 | 7232.8 | X26266.9 | Y43342.4 | 343 | 36.6 | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 6 |
| | 31 | 0161 | 4008.7 | 7238.7 | X26321.5 | Y43457.3 | 56 | 30.1 | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 228 |
| | 31 | 0163 | 4021.3 | 7214.8 | X26144.2 | Y43546.9 | 34 | 33.4 | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 208 |
| | 31 | 0251 | 4011.1 | 7216.8 | X26153.7 | Y43461.0 | 231 | 36.1 | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 2 |
| | 31 | 0252 | 4003.3 | 7224.9 | X26211.6 | Y43398.8 | 261 | 35.0 | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 713 |
| * | 31 | 0253 | 4003.3 | 7225.0 | X26212.4 | Y43398.9 | 199 | 35.5 | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 593 |
| * | 31 | 0254 | 4003.3 | 7225.0 | X26212.4 | Y43398.9 | 172 | 35.5 | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 259 |
| * | 31 | 0255 | 4003.3 | 7225.0 | X26212.4 | Y43398.9 | 137 | 35.5 | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 158 |
| * | 31 | 0256 | 4003.2 | 7224.9 | X26211.6 | Y43397.9 | 325 | 35.5 | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 371 |
| | 31 | 0257 | 4000.9 | 7230.7 | X26254.0 | Y43381.5 | 200 | 36.1 | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 1 |
| | 31 | 0258 | 3943.7 | 7234.8 | X26274.5 | Y43228.1 | 270 | 39.9 | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 0 |
| | 31 | 0259 | 3946.2 | 7252.7 | X26405.0 | Y43259.2 | 308 | 38.3 | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 0 |
| | 33 | 0168 | 4041.2 | 7210.8 | X26129.8 | Y43709.3 | 282 | 25.2 | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 263 |
| | 33 | 0169 | 4038.8 | 7222.8 | X26227.7 | Y43703.8 | 352 | 23.0 | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 187 |
| | 33 | 0171 | 4051.2 | 7214.6 | X26176.2 | Y43796.0 | 101 | 16.4 | 1 | 100.0 | 0.0 | 0.0 | 0.0 | 76 |
| | 33 | 0172 | 4051.2 | 7154.6 | X26003.7 | Y43769.5 | 148 | 21.3 | 2 | 100.0 | 0.0 | 0.0 | 0.0 | 226 |
| * | 33 | 0243 | 4041.3 | 7210.9 | X26130.8 | Y43710.3 | 3 | 25.2 | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 528 |
| * | 33 | 0244 | 4041.2 | 7210.8 | X26129.8 | Y43709.3 | 316 | 25.2 | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 277 |
| * | 33 | 0245 | 4041.3 | 7210.9 | X26130.8 | Y43710.3 | 214 | 25.2 | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 446 |

'*' Signifies a non-random station

'***' Counts Only

2005 NOAA Fisheries Service Surfclam -- Ocean Quahog Survey
R/V DELAWARE II May 23 - June 30

| Station Data | | | | | | | | Surfclams | | | | | Ocean Quahogs |
|----------------|----------------|--------------------------------|--------|------------------------------|----------|---------------|-----------------|-------------------------|------------|------------|--------|--------------|---------------|
| Survey Stratum | Station Number | Position Latitude Longitude | | Loran Time Delays Heading | | Depth (FM) | Catch Number | Percent of Survey Catch | | | | Catch Number | |
| | | | | | | | | 0-4.74" | 4.76-5.00" | 5.01-5.50" | >5.50" | | |
| * 33 | 0246 | 4041.2 | 7210.9 | X26130.7 | Y43709.5 | 13 | 25.2 | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 332 |
| * 33 | 0247 | 4051.2 | 7154.6 | X26003.7 | Y43769.5 | 122 | 21.9 | 4 | 100.0 | 0.0 | 0.0 | 0.0 | 270 |
| * 33 | 0248 | 4051.1 | 7154.5 | X26002.7 | Y43768.6 | 292 | 21.9 | 1 | 100.0 | 0.0 | 0.0 | 0.0 | 229 |
| * 33 | 0249 | 4051.1 | 7154.6 | X26003.5 | Y43768.7 | 204 | 21.9 | 1 | 100.0 | 0.0 | 0.0 | 0.0 | 261 |
| * 33 | 0250 | 4051.2 | 7154.6 | X26003.7 | Y43769.5 | 82 | 21.3 | 1 | 100.0 | 0.0 | 0.0 | 0.0 | 267 |
| 34 | 0167 | 4036.3 | 7156.8 | X26007.9 | Y43653.0 | 325 | 29.0 | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 134 |
| 34 | 0173 | 4050.8 | 7146.5 | X25933.3 | Y43756.0 | 223 | 27.3 | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 167 |
| 35 | 0164 | 4028.7 | 7210.6 | X26115.8 | Y43605.3 | 64 | 31.7 | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 273 |
| 35 | 0165 | 4031.1 | 7204.5 | X26067.7 | Y43618.9 | 127 | 31.2 | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 413 |
| 35 | 0166 | 4028.8 | 7154.8 | X25987.2 | Y43589.8 | 352 | 37.2 | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 5 |
| 35 | 0174 | 4045.8 | 7147.2 | X25934.5 | Y43717.7 | 186 | 30.1 | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 45 |
| 35 | 0175 | 4043.4 | 7138.5 | X25859.0 | Y43688.6 | 155 | 37.2 | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 5 |
| 35 | 0230 | 4026.3 | 7125.2 | X25751.0 | Y43540.8 | 288 | 38.8 | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 21 |
| * 35 | 0231 | 4031.0 | 7204.5 | X26067.7 | Y43618.0 | 214 | 31.7 | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 828 |
| * 35 | 0232 | 4031.1 | 7204.6 | X26068.5 | Y43619.0 | 296 | 31.2 | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 657 |
| * 35 | 0233 | 4031.0 | 7204.5 | X26067.7 | Y43618.0 | 169 | 31.7 | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 470 |
| * 35 | 0234 | 4031.1 | 7204.5 | X26067.7 | Y43618.9 | 266 | 31.2 | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 524 |
| 38 | 0181 | 4053.9 | 7114.7 | X25661.2 | Y43739.7 | 22 | 30.1 | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 142 |
| 38 | 0182 | 4058.7 | 7056.6 | X25506.4 | Y43752.3 | 70 | 26.2 | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 49 |
| 39 | 0176 | 4039.1 | 7131.4 | X25798.2 | Y43647.0 | 141 | 37.2 | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 0 |
| 39 | 0177 | 4037.5 | 7125.2 | X25747.2 | Y43627.9 | 96 | 35.0 | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 24 |
| 39 | 0178 | 4037.5 | 7117.3 | X25682.9 | Y43619.6 | 341 | 34.4 | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 18 |
| 39 | 0179 | 4046.2 | 7126.8 | X25761.5 | Y43696.4 | 326 | 35.0 | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 52 |
| 39 | 0180 | 4053.7 | 7134.7 | X25834.1 | Y43763.2 | 102 | 30.6 | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 304 |
| 41 | 0201 | 4111.1 | 7040.5 | X25372.8 | Y43818.3 | 136 | 17.0 | 1 | 100.0 | 0.0 | 0.0 | 0.0 | 1 |
| 41 | 0202 | 4103.6 | 7036.6 | X25333.4 | Y43762.1 | 129 | 23.5 | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 237 |
| 41 | 0203 | 4101.2 | 7032.6 | X25300.0 | Y43740.8 | 113 | 24.6 | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 0 |
| 41 | 0204 | 4056.1 | 7012.8 | X25156.8 | Y43683.7 | 215 | 16.4 | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 36 |
| 41 | 0205 | 4051.3 | 7014.6 | X25183.5 | Y43653.1 | 162 | 22.4 | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 98 |
| 41 | 0206 | 4046.3 | 7010.8 | X25176.9 | Y43615.1 | 130 | 23.0 | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 219 |
| 45 | 0207 | 4041.3 | 6954.8 | W14067.0 | Y43566.1 | 126 | 25.7 | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 111 |
| 45 | 0210 | 4056.2 | 6942.5 | W13946.2 | Y43652.8 | 111 | 18.0 | 3 | 66.7 | 0.0 | 0.0 | 33.3 | 0 |
| 45 | 0211 | 4043.4 | 6930.7 | W13932.7 | Y43558.7 | 190 | 26.2 | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 1 |
| 45 | 0218 | 4044.0 | 6922.5 | W13888.2 | Y43555.6 | 52 | 25.7 | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 0 |
| 46 | 0209 | 4041.2 | 6942.7 | W14003.3 | Y43554.7 | 40 | 26.8 | 1 | 100.0 | 0.0 | 0.0 | 0.0 | 28 |
| 46 | 0212 | 4036.0 | 6930.9 | W13960.9 | Y43510.5 | 246 | 30.6 | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 490 |
| 46 | 0219 | 4058.7 | 6916.5 | W13800.0 | Y43643.3 | 84 | 25.2 | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 1 |
| 47 | 0208 | 4038.8 | 6950.7 | W14054.1 | Y43545.7 | 76 | 30.6 | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 171 |
| 47 | 0213 | 4028.7 | 6952.5 | W14098.6 | Y43478.7 | 94 | 39.4 | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 0 |
| 47 | 0214 | 4028.8 | 6942.8 | W14047.8 | Y43471.9 | 99 | 38.8 | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 14 |
| 47 | 0215 | 4028.8 | 6926.6 | W13964.8 | Y43459.9 | 41 | 35.0 | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 987 |
| 47 | 0216 | 4033.8 | 6912.7 | W13876.8 | Y43482.2 | 18 | 36.6 | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 174 |
| 47 | 0217 | 4036.2 | 6910.7 | W13857.9 | Y43496.1 | 358 | 41.0 | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 176 |
| 47 | 0220 | 4058.6 | 6908.6 | W13760.0 | Y43635.2 | 132 | 38.3 | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 0 |
| 47 | 0222 | 4036.0 | 6854.6 | W13779.3 | Y43482.9 | 0 | 29.0 | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 0 |
| 47 | 0223 | 4036.1 | 6854.7 | W13779.4 | Y43483.6 | 185 | 37.2 | 2 | 100.0 | 0.0 | 0.0 | 0.0 | 863 |
| 48 | 0221 | 4048.7 | 6902.9 | W13771.0 | Y43568.7 | 190 | 44.3 | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 61 |
| 48 | 0224 | 4018.5 | 6850.9 | W13826.2 | Y43370.0 | 236 | 51.9 | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 36 |

'*' Signifies a non-random station

'**' Counts Only

2005 NOAA Fisheries Service Surfclam -- Ocean Quahog Survey
R/V DELAWARE II May 23 - June 30

| Station Data | | | | | | | | Surfclams | | | | | Ocean Quahogs | |
|----------------|----------------|----------|-----------|----------|----------|------------|--------------|-------------------------|---------|------------|------------|--------------|---------------|---|
| Survey Stratum | Station Number | Position | | Loran | | Depth (FM) | Catch Number | Percent of Survey Catch | | | | Catch Number | | |
| | | Latitude | Longitude | Time | Delays | | | Heading | 0-4.74" | 4.76-5.00" | 5.01-5.50" | | >5.50" | |
| 48 | 0225 | 4006.2 | 6915.3 | W13986.2 | Y43303.2 | 258 | 56.9 | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 0 | |
| 48 | 0226 | 4013.7 | 6924.7 | W14007.4 | Y43358.3 | 46 | 46.5 | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 0 | |
| 48 | 0227 | 4018.6 | 6923.0 | W13982.3 | Y43389.9 | 254 | 43.7 | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 41 | |
| 48 | 0228 | 4008.8 | 6941.0 | W14105.0 | Y43334.6 | 296 | 51.4 | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 0 | |
| 48 | 0229 | 4011.2 | 6952.9 | W14157.8 | Y43358.2 | 284 | 51.9 | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 0 | |
| 83 | 0332 | 3721.2 | 7536.7 | X27125.0 | Y41607.7 | 22 | 7.1 | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 0 | |
| 83 | 0333 | 3723.8 | 7536.7 | X27129.8 | Y41637.4 | 37 | 6.6 | 1 | 100.0 | 0.0 | 0.0 | 0.0 | 0 | |
| 84 | 0334 | 3738.8 | 7532.5 | X27139.7 | Y41815.8 | 53 | 6.6 | 1 | 100.0 | 0.0 | 0.0 | 0.0 | 0 | |
| 84 | 0335 | 3743.7 | 7520.8 | X27094.9 | Y41888.8 | 136 | 9.8 | 1 | 100.0 | 0.0 | 0.0 | 0.0 | 0 | |
| 84 | 0338 | 3748.7 | 7506.8 | X27037.5 | Y41965.0 | 59 | 8.7 | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 0 | |
| 84 | 0340 | 3756.1 | 7502.7 | X27031.0 | Y42053.4 | 65 | 12.6 | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 0 | |
| 85 | 0115 | 3828.6 | 7450.6 | X27031.2 | Y42430.2 | 181 | 12.0 | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 0 | |
| 85 | 0341 | 3800.9 | 7501.3 | X27032.9 | Y42108.9 | 0 | 11.5 | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 0 | |
| 85 | 0342 | 3800.7 | 7501.2 | X27032.0 | Y42106.8 | 236 | 9.3 | 5 | 100.0 | 0.0 | 0.0 | 0.0 | 0 | |
| 85 | 0343 | 3801.3 | 7509.2 | X27073.0 | Y42103.7 | 72 | 9.3 | 1 | 100.0 | 0.0 | 0.0 | 0.0 | 0 | |
| 85 | 0344 | 3809.1 | 7502.9 | X27056.7 | Y42199.2 | 337 | 10.4 | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 0 | |
| 85 | 0345 | 3813.8 | 7506.4 | X27084.0 | Y42248.4 | 70 | 6.6 | 3 | 100.0 | 0.0 | 0.0 | 0.0 | 0 | |
| 86 | 0111 | 3841.1 | 7450.6 | X27057.6 | Y42570.1 | 163 | 8.2 | 2 | 100.0 | 0.0 | 0.0 | 0.0 | 0 | |
| 86 | 0113 | 3833.6 | 7454.6 | X27063.4 | Y42482.9 | 176 | 10.9 | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 0 | |
| 86 | 0114 | 3831.3 | 7452.8 | X27048.7 | Y42458.6 | 350 | 9.3 | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 0 | |
| 87 | 0082 | 3906.4 | 7424.6 | X26960.1 | Y42863.0 | 81 | 12.6 | 48 | 4.2 | 2.1 | 4.2 | 89.6 | 0 | |
| 87 | 0083 | 3908.7 | 7420.7 | X26941.0 | Y42889.1 | 94 | 13.1 | 4 | 0.0 | 0.0 | 0.0 | 100.0 | 0 | |
| 87 | 0105 | 3856.4 | 7434.6 | X26998.9 | Y42749.6 | 56 | 8.7 | 36 | 11.1 | 8.3 | 5.6 | 75.0 | 0 | |
| 87 | 0106 | 3858.6 | 7432.9 | X26993.6 | Y42774.6 | 307 | 6.6 | 8 | 75.0 | 0.0 | 0.0 | 25.0 | 0 | |
| 87 | 0107 | 3901.2 | 7438.3 | X27031.4 | Y42801.0 | 328 | 6.6 | 3 | 66.7 | 0.0 | 0.0 | 33.3 | 0 | |
| 87 | 0108 | 3903.9 | 7440.6 | X27051.3 | Y42829.9 | 280 | 8.2 | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 0 | |
| 87 | 0109 | 3856.1 | 7448.6 | X27080.1 | Y42739.4 | 218 | 7.1 | 1 | 0.0 | 0.0 | 0.0 | 100.0 | 0 | |
| 87 | 0110 | 3848.6 | 7452.7 | X27086.1 | Y42652.9 | 188 | 8.7 | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 0 | |
| 88 | 0059 | 3936.1 | 7358.7 | X26855.2 | Y43181.4 | 208 | 13.7 | 6 | 16.7 | 0.0 | 0.0 | 83.3 | 0 | |
| 88 | 0060 | 3933.7 | 7404.7 | X26890.7 | Y43157.2 | 157 | 9.3 | 31 | 0.0 | 3.2 | 12.9 | 83.9 | 0 | |
| 88 | 0061 | 3933.7 | 7400.8 | X26864.4 | Y43156.7 | 224 | 13.1 | 8 | 12.5 | 0.0 | 12.5 | 75.0 | 0 | |
| 88 | 0062 | 3931.2 | 7402.7 | X26872.0 | Y43130.7 | 211 | 12.6 | 18 | 5.6 | 0.0 | 16.7 | 77.8 | 0 | |
| 88 | 0063 | 3928.5 | 7400.6 | X26852.4 | Y43102.1 | 180 | 13.1 | 7 | 0.0 | 0.0 | 14.3 | 85.7 | 0 | |
| 88 | 0064 | 3923.8 | 7356.6 | X26816.8 | Y43052.7 | 67 | 14.2 | 15 | 0.0 | 0.0 | 60.0 | 40.0 | 0 | |
| 88 | 0073 | 3921.2 | 7356.7 | X26812.6 | Y43025.5 | 323 | 14.8 | 10 | 0.0 | 10.0 | 10.0 | 80.0 | 0 | |
| 88 | 0074 | 3923.6 | 7404.8 | X26870.3 | Y43050.7 | 224 | 10.9 | 29 | 17.2 | 0.0 | 3.4 | 79.3 | 0 | |
| 88 | 0075 | 3918.7 | 7410.8 | X26899.2 | Y42998.3 | 281 | 13.1 | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 0 | |
| 88 | 0076 | 3918.7 | 7414.7 | X26924.2 | Y42997.9 | 195 | 13.1 | 8 | 12.5 | 0.0 | 0.0 | 87.5 | 1 | |
| 88 | 0077 | 3916.7 | 7414.0 | X26915.6 | Y42976.6 | 282 | 10.4 | 12 | 16.7 | 0.0 | 0.0 | 83.3 | 0 | |
| 88 | 0078 | 3916.2 | 7420.7 | X26957.0 | Y42970.2 | 284 | 8.2 | 21 | 19.0 | 0.0 | 9.5 | 71.4 | 0 | |
| 88 | 0079 | 3916.1 | 7428.6 | X27006.4 | Y42967.8 | 242 | 8.2 | 57 | 0.0 | 3.5 | 35.1 | 61.4 | 0 | |
| 88 | 0080 | 3913.8 | 7430.8 | X27014.7 | Y42942.2 | 216 | 9.3 | 4 | 0.0 | 0.0 | 0.0 | 100.0 | 0 | |
| 88 | 0081 | 3911.3 | 7430.8 | X27009.0 | Y42914.8 | 205 | 9.8 | 24 | 0.0 | 0.0 | 20.8 | 79.2 | 0 | |
| 88 | 0084 | 3911.2 | 7418.7 | X26933.7 | Y42916.6 | 131 | 11.5 | 22 | 9.1 | 0.0 | 0.0 | 90.9 | 0 | |
| 88 | 0085 | 3911.2 | 7410.7 | X26883.6 | Y42918.3 | 106 | 12.0 | 15 | 26.7 | 0.0 | 6.7 | 66.7 | 0 | |
| 88 | 0086 | 3913.7 | 7408.5 | X26874.5 | Y42945.3 | 117 | 13.7 | 21 | 19.0 | 0.0 | 0.0 | 81.0 | 0 | |
| * | 88 | 0136 | 3921.3 | 7400.5 | X26837.7 | Y43026.5 | 220 | 14.2 | 48 | 2.1 | 0.0 | 18.8 | 79.2 | 0 |
| * | 88 | 0137 | 3933.7 | 7354.5 | X26821.8 | Y43155.6 | 119 | 13.7 | 6 | 0.0 | 0.0 | 100.0 | 0 | |

'*' Signifies a non-random station

'**' Counts Only

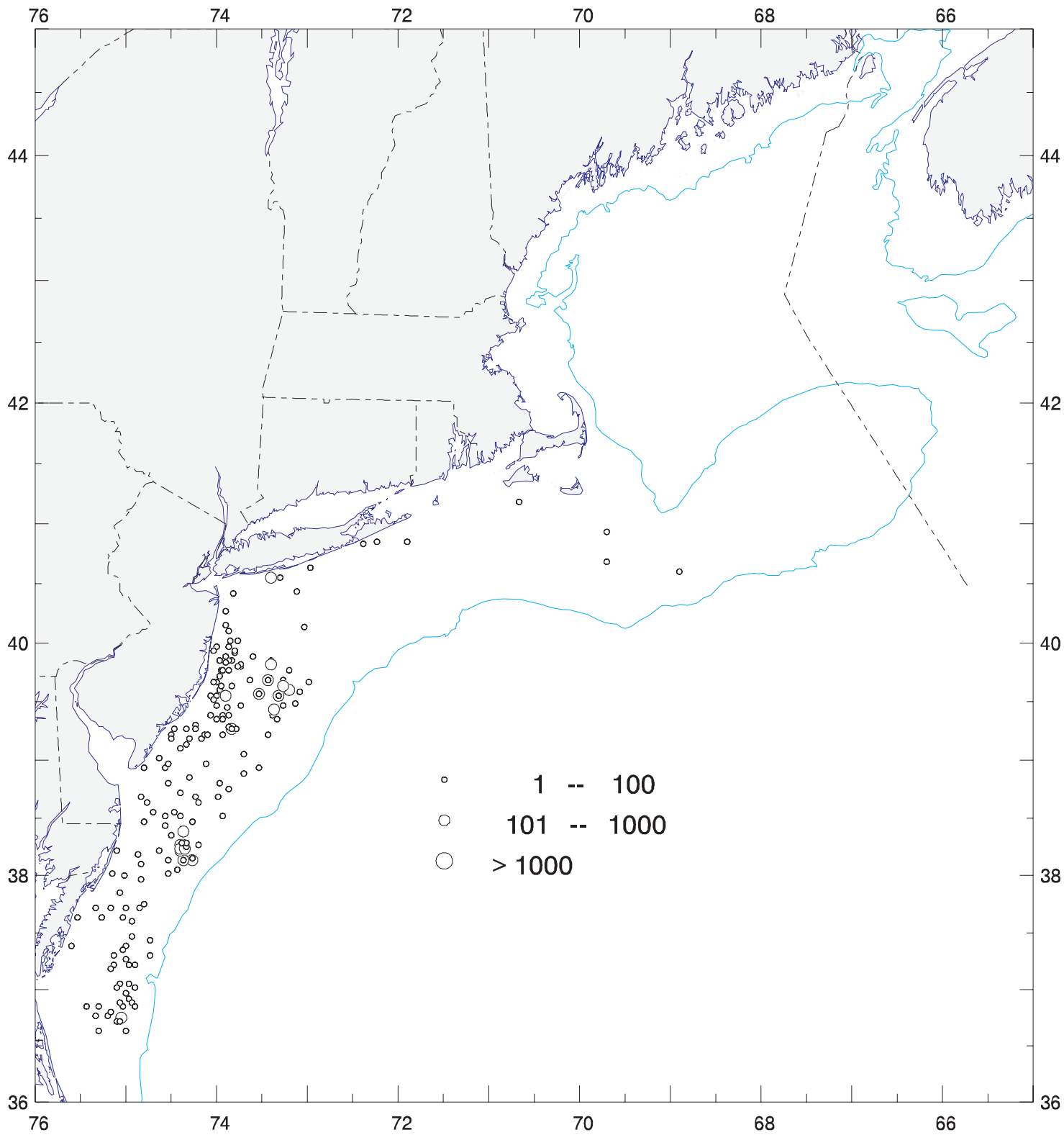
2005 NOAA Fisheries Service Surfclam -- Ocean Quahog Survey
R/V DELAWARE II May 23 - June 30

| Station Data | | | | | | | | Surfclams | | | | | Ocean Quahogs |
|----------------|----------------|--------------------------------|--------|------------------------------|----------|---------------|-----------------|-------------------------|------------|------------|--------|--------------|---------------|
| Survey Stratum | Station Number | Position Latitude Longitude | | Loran Time Delays Heading | | Depth (FM) | Catch Number | Percent of Survey Catch | | | | Catch Number | |
| | | | | | | | | 0-4.74" | 4.76-5.00" | 5.01-5.50" | >5.50" | | |
| * 88 | 0375 | 3921.5 | 7400.4 | X26837.4 | Y43028.6 | 74 | 14.2 | 62 | 4.8 | 3.2 | 25.8 | 66.1 | 0 |
| * 88 | 0376 | 3927.5 | 7353.9 | X26805.8 | Y43091.1 | 28 | 15.3 | 25 | 12.0 | 4.0 | 24.0 | 60.0 | 0 |
| * 88 | 0377 | 3933.7 | 7354.4 | X26821.1 | Y43155.6 | 8 | 13.7 | 55 | 0.0 | 3.6 | 10.9 | 85.5 | 0 |
| * 88 | 0378 | 3933.8 | 7354.4 | X26821.3 | Y43156.6 | 80 | 14.8 | 28 | 0.0 | 3.6 | 3.6 | 92.9 | 0 |
| * 88 | 0379 | 3933.8 | 7354.4 | X26821.3 | Y43156.6 | 126 | 14.8 | 8 | 12.5 | 0.0 | 0.0 | 87.5 | 0 |
| * 88 | 0380 | 3933.8 | 7354.4 | X26821.3 | Y43156.6 | 162 | 14.8 | 94** | | | | | 0 |
| * 88 | 0381 | 3933.8 | 7354.3 | X26820.6 | Y43156.6 | 251 | 14.8 | 102 | 2.0 | 2.0 | 9.8 | 86.3 | 0 |
| 89 | 0019 | 4009.7 | 7354.2 | X26899.9 | Y43525.7 | 217 | 12.6 | 46 | 19.6 | 10.9 | 21.7 | 47.8 | 0 |
| 89 | 0020 | 4006.6 | 7352.5 | X26879.6 | Y43493.0 | 215 | 14.2 | 78 | 1.3 | 2.6 | 6.4 | 89.7 | 0 |
| * 89 | 0021 | 3953.8 | 7354.5 | X26864.2 | Y43363.4 | 215 | 13.7 | 52 | 15.4 | 0.0 | 3.8 | 80.8 | 0 |
| * 89 | 0022 | 3951.3 | 7358.4 | X26886.3 | Y43339.4 | 200 | 10.9 | 14 | 0.0 | 0.0 | 0.0 | 100.0 | 0 |
| * 89 | 0023 | 3956.0 | 7402.7 | X26928.0 | Y43390.1 | 28 | 9.8 | 1 | 100.0 | 0.0 | 0.0 | 0.0 | 0 |
| * 89 | 0024 | 3958.6 | 7400.6 | X26919.3 | Y43416.0 | 205 | 11.5 | 2 | 50.0 | 0.0 | 0.0 | 50.0 | 0 |
| * 89 | 0025 | 3958.6 | 7352.7 | X26862.2 | Y43411.6 | 207 | 13.1 | 35 | 8.6 | 0.0 | 8.6 | 82.9 | 0 |
| 89 | 0026 | 3943.8 | 7358.5 | X26870.2 | Y43261.6 | 223 | 12.6 | 13 | 46.2 | 0.0 | 0.0 | 53.8 | 0 |
| * 89 | 0027 | 3946.0 | 7305.7 | X26498.8 | Y43263.1 | 220 | 13.1 | 75 | 8.0 | 2.7 | 9.3 | 80.0 | 0 |
| 89 | 0028 | 3946.4 | 7352.7 | X26835.3 | Y43286.5 | 213 | 14.2 | 58 | 5.2 | 6.9 | 17.2 | 70.7 | 0 |
| 89 | 0030 | 3951.2 | 7350.6 | X26830.6 | Y43334.9 | 260 | 14.2 | 11 | 0.0 | 9.1 | 0.0 | 90.9 | 0 |
| * 89 | 0031 | 3951.2 | 7352.8 | X26846.3 | Y43335.9 | 152 | 13.7 | 36 | 2.8 | 0.0 | 8.3 | 88.9 | 0 |
| * 89 | 0032 | 3955.9 | 7348.8 | X26827.9 | Y43382.0 | 12 | 14.2 | 54 | 5.6 | 0.0 | 7.4 | 87.0 | 0 |
| * 89 | 0033 | 4001.2 | 7351.0 | X26855.8 | Y43437.1 | 154 | 12.6 | 16 | 18.8 | 0.0 | 6.2 | 75.0 | 0 |
| 89 | 0045 | 3940.3 | 7400.7 | X26877.8 | Y43225.7 | 266 | 11.5 | 22 | 9.1 | 0.0 | 4.5 | 86.4 | 0 |
| 89 | 0046 | 3940.3 | 7402.7 | X26891.5 | Y43226.2 | 275 | 9.3 | 27 | 3.7 | 0.0 | 3.7 | 92.6 | 0 |
| 89 | 0047 | 3946.4 | 7356.4 | X26861.3 | Y43287.8 | 271 | 12.6 | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 0 |
| 89 | 0048 | 3946.2 | 7356.7 | X26862.9 | Y43285.9 | 250 | 12.0 | 58 | 3.4 | 1.7 | 19.0 | 75.9 | 0 |
| 89 | 0050 | 3951.1 | 7352.8 | X26846.1 | Y43334.8 | 227 | 13.7 | 67 | 14.9 | 7.5 | 14.9 | 62.7 | 0 |
| 89 | 0051 | 3956.0 | 7348.8 | X26828.1 | Y43383.0 | 28 | 14.2 | 63 | 19.0 | 1.6 | 9.5 | 69.8 | 0 |
| 89 | 0053 | 4001.2 | 7351.0 | X26855.8 | Y43437.1 | 140 | 12.6 | 30 | 26.7 | 3.3 | 0.0 | 70.0 | 0 |
| 89 | 0054 | 3958.6 | 7352.7 | X26862.2 | Y43411.6 | 241 | 13.7 | 12 | 75.0 | 0.0 | 0.0 | 25.0 | 0 |
| 89 | 0055 | 3958.6 | 7400.6 | X26919.3 | Y43416.0 | 200 | 11.5 | 37 | 13.5 | 0.0 | 5.4 | 81.1 | 0 |
| 89 | 0056 | 3956.0 | 7402.7 | X26928.0 | Y43390.1 | 59 | 10.4 | 25 | 0.0 | 4.0 | 28.0 | 68.0 | 0 |
| 89 | 0057 | 3953.8 | 7354.5 | X26864.2 | Y43363.4 | 247 | 13.7 | 81 | 8.6 | 0.0 | 4.9 | 86.4 | 0 |
| 89 | 0058 | 3951.3 | 7358.3 | X26885.6 | Y43339.3 | 219 | 11.5 | 17 | 5.9 | 5.9 | 0.0 | 88.2 | 0 |
| * 89 | 0138 | 3938.4 | 7357.1 | X26849.0 | Y43205.0 | 292 | 13.1 | 10 | 20.0 | 10.0 | 0.0 | 70.0 | 0 |
| * 89 | 0139 | 3948.8 | 7346.9 | X26799.2 | Y43308.8 | 98 | 15.3 | 27 | 7.4 | 3.7 | 3.7 | 85.2 | 0 |
| * 89 | 0382 | 3953.8 | 7354.5 | X26864.2 | Y43363.4 | 164 | 13.7 | 79 | 26.6 | 0.0 | 11.4 | 62.0 | 0 |
| * 89 | 0383 | 3953.8 | 7354.5 | X26864.2 | Y43363.4 | 276 | 13.7 | 40 | 37.5 | 0.0 | 2.5 | 60.0 | 0 |
| * 89 | 0384 | 3953.8 | 7354.5 | X26864.2 | Y43363.4 | 200 | 13.7 | 143** | | | | | 0 |
| * 89 | 0385 | 3953.8 | 7354.6 | X26865.0 | Y43363.4 | 61 | 13.7 | 55 | 25.5 | 1.8 | 5.5 | 67.3 | 0 |
| * 89 | 0386 | 3953.8 | 7354.6 | X26865.0 | Y43363.4 | 110 | 13.1 | 37** | | | | | 0 |
| * 89 | 0387 | 3950.8 | 7354.4 | X26856.8 | Y43332.5 | 187 | 12.6 | 46 | 19.6 | 0.0 | 8.7 | 71.7 | 0 |
| 90 | 0015 | 4018.6 | 7340.6 | X26818.5 | Y43603.5 | 233 | 13.1 | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 16 |
| 90 | 0018 | 4016.3 | 7354.7 | X26920.5 | Y43592.9 | 222 | 11.5 | 45 | 15.6 | 2.2 | 15.6 | 66.7 | 0 |
| 91 | 0012 | 4033.7 | 7318.8 | X26681.1 | Y43725.4 | 240 | 11.5 | 66 | 7.6 | 0.0 | 6.1 | 86.4 | 0 |
| 91 | 0013 | 4033.5 | 7324.2 | X26724.4 | Y43729.8 | 240 | 8.7 | 131 | 1.5 | 7.6 | 35.1 | 55.7 | 0 |
| 91 | 0014 | 4025.5 | 7349.1 | X26901.8 | Y43679.7 | 221 | 16.4 | 1 | 0.0 | 0.0 | 0.0 | 100.0 | 0 |
| 92 | 0008 | 4041.1 | 7250.8 | X26465.9 | Y43758.1 | 253 | 13.7 | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 100 |
| 92 | 0009 | 4038.6 | 7258.8 | X26527.6 | Y43746.0 | 240 | 11.5 | 96 | 12.5 | 2.1 | 10.4 | 75.0 | 0 |
| 93 | 0170 | 4050.6 | 7223.0 | X26247.5 | Y43802.4 | 82 | 9.8 | 27 | 63.0 | 3.7 | 0.0 | 33.3 | 5 |

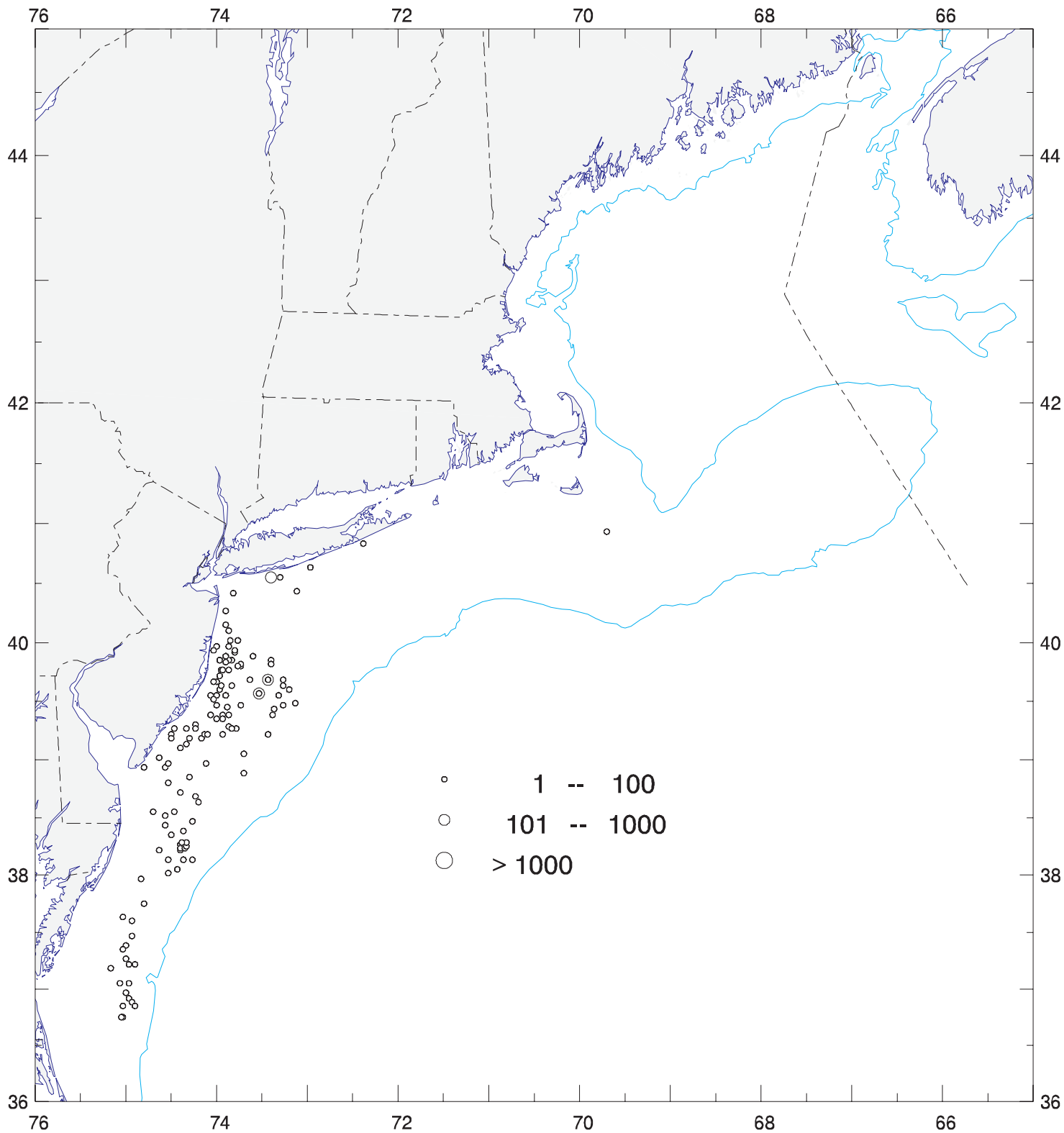
'*' Signifies a non-random station

'**' Counts Only

NOAA Fisheries Service Surfclam Ocean Quahog Survey
SURFCLAMS - Number/Tow
Total Number



NOAA Fisheries Service Surfclam Ocean Quahog Survey
SURFCLAMS - Number/Tow
Greater Than 5 inches



NOAA Fisheries Service Surfclam Ocean Quahog Survey
OCEAN QUAHOG - Number/Tow
Total Number

