

RRESOURCE SURVEY REPORT
Catch Summary
NOAA Fisheries Service
Northeast Fisheries Science Center
Winter Bottom Trawl Survey
Cape Hatteras - SE Georges Bank
January 31 - February 25, 2005

Submitted to: NOAA, NEFSC

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Date: 2005

Resource Survey Report

Bottom Trawl Survey



Cape Hatteras - SE Georges Bank
January 31 - February 25, 2005

FRV ALBATROSS IV

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



Typical catches during the Winter Bottom Trawl Survey

RESOURCE SURVEY REPORT

Catch Summary

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Northeast Fisheries Science Center

Winter Bottom Trawl Survey
Cape Hatteras - SE Georges Bank
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This report consists of field notes, station and catch summaries and a series of geographical plots of commercial and recreational important species caught during the Northeast Fisheries Science Center's 2005 winter bottom trawl survey aboard the *FRV ALBATROSS IV*. Tows were made with a standardized #36 Yankee flat trawl equipped with a rubber disc covered chain sweep, 30 fathom ground cables, 5 fathom legs and 1000 pound polyvalent doors. The cod end and upper belly were lined with 1/2-inch mesh to retain young-of-the-year fish.

Because of the 30-minute tow duration, and random selection of station locations, catches can be light compared to commercial tows. Also, vessel operations are on a 24-hour basis and catches have not been adjusted for day/night differences. Nevertheless, these data can provide useful information about distribution and relative abundance of species inhabiting the survey area (Cape Hatteras to Georges Bank).

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

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

Field Notes

Leg I of the winter survey was cut short due to a hard hang on the bottom during rough weather, which damaged our winches and forced us to return to Woods Hole for repairs. We did not cover the normal number of stations on this leg that would give us a better perspective on fish abundance and distribution. We did note that spiny dogfish like last year, seemed widely dispersed from very shallow to our deepest strata. It seems as though years ago, we could get into and out of the dogs, although I remember much bigger tows on a more regular basis. Today it seems as though there are less caught per tow, but the resource appears to be more widely distributed.

Due to the shortened Leg I, the mission for Leg II was to sample within a much larger area than normal. The area covered was from Chesapeake Bay north to western Georges Bank. This was accomplished by reducing the sampling density per stratum.

The largest catch of summer flounder was at station 95 (11-1) where 195 fluke were caught ranging in size from 11 to 30 inches.

At Station 60 (67-2), there was a most unusual catch. There were 2,180 striped searobins weighing in at 1,479 pounds and 797 northern searobins weighing in at 179 pounds.

Every once in a while there is a catch that demonstrates how diverse and bountiful our oceans can be. We had such a tow at station 76 (2-8). There were 21 species and 10,436 fish. The species with at least double-digit counts were:

| | |
|--------------------------|---------------------|
| Alewife – 169 | Goosefish - 52 |
| American shad – 30 | Little skate - 306 |
| Atlantic herring - 3,473 | Mackerel - 5,899 |
| Blueback herring – 122 | Scallop - 42 |
| Butterfish – 31 | Spiny dogfish - 226 |
| Four spot flounder - 44 | |

The other species in the catch were *Cancer borealis* and *Cancer irroratus* crabs, fluke, American lobster, Loligo squid, ocean pout, red hake, silver hake, spotted hake and witch flounder.

As noted last year, the larger spiny dogfish catches occurred along or beyond the 50-fathom line. The largest catch was at station 34 (63-3) numbering 3,194 and weighing 14,926 pounds. The greatest concentration was found around the Norfolk Canyon, where at four stations (61 (67-3), 62 (67-1), 63 (66-3), and 64 (68-1)) 8,099 spiny dogfish were caught weighing 22,118 pounds. Spiny dogfish comprised 66% of the entire (unstratified) biomass in the survey.

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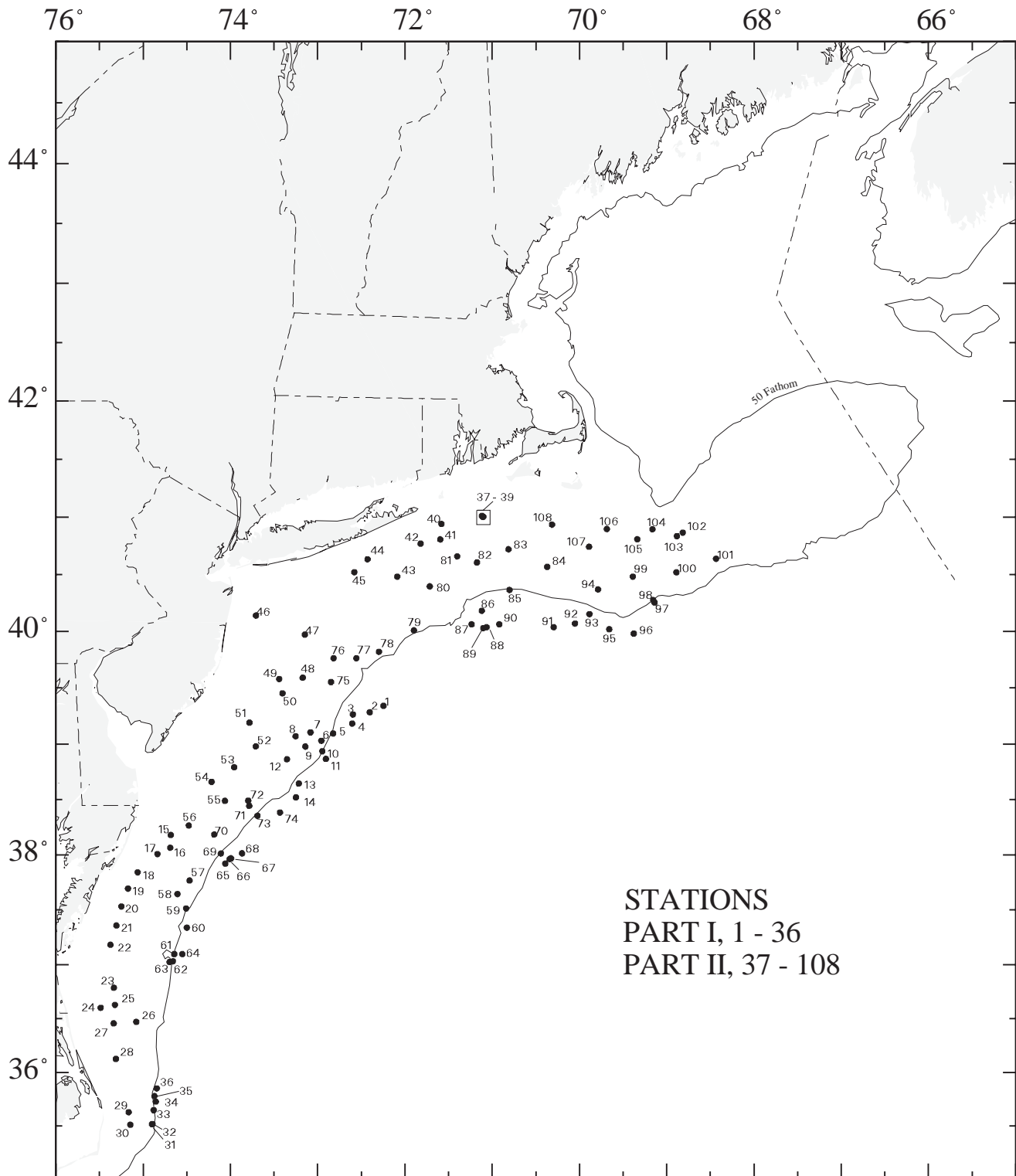


Figure 1. Trawl hauls made from FRV ALBATROSS IV, during NOAA Fisheries Service, Northeast Fisheries Science Center winter bottom trawl survey (05 - 02), January 31 - February 25, 2005.

NOAA Fisheries Service WINTER BOTTOM TRAWL SURVEY
2005 STATION INFORMATION

| Station | Date | Time | Lat | Lon | Loran TD's | | Course | Bottom Depth (FM) | Temp (F) |
|---------|--------|------|--------|--------|---------------|----------|--------|-------------------------|-------------|
| 0001 | Feb-01 | 0725 | 3920.5 | 7214.7 | X26133.9 | Y43012.2 | 202 | 160.8 | 51.3 |
| 0002 | Feb-01 | 1005 | 3917.0 | 7224.2 | X26196.4 | Y42981.7 | 051 | 91.0 | 54.0 |
| 0003 | Feb-01 | 1227 | 3915.8 | 7235.8 | X26272.0 | Y42971.3 | 287 | 71.9 | 53.8 |
| 0004 | Feb-01 | 1411 | 3911.0 | 7236.2 | X26273.8 | Y42926.2 | 195 | 76.8 | 53.8 |
| 0005 | Feb-01 | 1656 | 3905.7 | 7249.4 | X26356.5 | Y42875.2 | 210 | 57.4 | 52.2 |
| 0006 | Feb-01 | 1905 | 3901.8 | 7257.5 | X26406.0 | Y42836.5 | 294 | 43.5 | 52.0 |
| 0007 | Feb-01 | 2038 | 3906.2 | 7304.9 | X26456.4 | Y42878.6 | 253 | 40.7 | 43.7 |
| 0008 | Feb-01 | 2216 | 3904.2 | 7315.2 | X26520.1 | Y42856.6 | 135 | 37.5 | 43.5 |
| 0009 | Feb-02 | 0015 | 3858.6 | 7308.5 | X26473.4 | Y42803.6 | 064 | 42.9 | 44.1 |
| 0010 | Feb-02 | 0214 | 3856.1 | 7256.8 | X26399.0 | Y42782.6 | 209 | 54.4 | 52.5 |
| 0011 | Feb-02 | 0619 | 3852.0 | 7254.4 | X26382.1 | Y42743.6 | 044 | 182.9 | 53.4 |
| 0012 | Feb-02 | 0924 | 3851.8 | 7321.1 | X26546.4 | Y42732.0 | 152 | 38.3 | 43.9 |
| 0013 | Feb-02 | 1140 | 3838.8 | 7313.0 | X26487.5 | Y42606.6 | 203 | 74.6 | 53.6 |
| 0014 | Feb-02 | 1414 | 3831.3 | 7315.0 | X26494.1 | Y42531.7 | 046 | 196.9 | 43.3 |
| 0015 | Feb-02 | 2147 | 3810.9 | 7441.0 | X26947.1 | Y42243.3 | 024 | 17.8 | 40.3 |
| 0016 | Feb-03 | 0046 | 3804.0 | 7441.4 | X26937.5 | Y42167.0 | 022 | 17.0 | 41.2 |
| 0017 | Feb-03 | 0332 | 3800.5 | 7450.2 | X26976.4 | Y42118.4 | 055 | 16.1 | 41.0 |
| 0018 | Feb-03 | 0633 | 3750.6 | 7503.8 | X27026.3 | Y41989.9 | 033 | 11.8 | 39.7 |
| 0019 | Feb-03 | 0942 | 3741.7 | 7510.4 | X27042.4 | Y41881.5 | 213 | 17.0 | 39.9 |
| 0020 | Feb-03 | 1136 | 3731.9 | 7515.0 | X27046.3 | Y41764.4 | 202 | 15.0 | 40.5 |
| 0021 | Feb-03 | 1321 | 3721.5 | 7518.4 | X27044.1 | Y41641.7 | 214 | 16.7 | 41.5 |
| 0022 | Feb-03 | 1502 | 3710.9 | 7522.5 | X27044.7 | Y41516.1 | 201 | 15.6 | 41.9 |
| 0023 | Feb-03 | 1817 | 3647.2 | 7520.2 | X26998.3 | Y41259.1 | 221 | 13.1 | 41.4 |
| 0024 | Feb-03 | 2037 | 3636.1 | 7529.3 | X27019.8 | Y41117.6 | 062 | 9.6 | 39.9 |
| 0025 | Feb-03 | 2221 | 3637.7 | 7519.4 | X26981.9 | Y41157.9 | 053 | 17.0 | 41.4 |
| 0026 | Feb-04 | 0115 | 3628.2 | 7504.7 | X26909.3 | Y41093.1 | 238 | 22.7 | 44.4 |
| 0027 | Feb-04 | 0409 | 3627.4 | 7520.3 | X26971.6 | Y41045.7 | 014 | 14.5 | 41.9 |
| 0028 | Feb-04 | 0805 | 3607.6 | 7518.8 | X26940.8 | Y40842.1 | 014 | 18.3 | 41.9 |
| 0029 | Feb-04 | 1206 | 3537.8 | 7510.0 | X26874.9 | Y40572.5 | 332 | 19.4 | 42.6 |
| 0030 | Feb-04 | 1418 | 3530.7 | 7508.8 | X26863.7 | Y40510.1 | 333 | 18.6 | 42.6 |
| 0031 | Feb-06 | 1524 | 3531.2 | 7453.5 | X26807.9 | Y40566.3 | 009 | 25.2 | 45.1 |
| 0032 | Feb-06 | 1640 | 3531.1 | 7453.9 | X26809.2 | Y40564.5 | 013 | 26.8 | |
| 0033 | Feb-06 | 1829 | 3538.9 | 7452.8 | X26811.7 | Y40639.9 | 346 | 37.5 | 44.6 |
| 0034 | Feb-06 | 2030 | 3543.7 | 7451.4 | X26810.7 | Y40689.5 | 003 | 65.3 | |
| 0035 | Feb-06 | 2337 | 3546.8 | 7452.3 | X26817.1 | Y40715.8 | 350 | 56.0 | 47.1 |
| 0036 | Feb-07 | 0311 | 3551.1 | 7450.7 | X26814.7 | Y40761.7 | 348 | 171.7 | 53.2 |
| 0037 | Feb-15 | 2314 | 4100.6 | 7107.1 | X25599.2 | Y43779.4 | 202 | 26.2 | 36.5 |
| 0038 | Feb-16 | 0138 | 4100.2 | 7106.2 | X25590.5 | Y43775.3 | 197 | 27.3 | |
| 0039 | Feb-16 | 0319 | 4100.1 | 7106.4 | X25592.3 | Y43774.6 | 196 | 27.9 | |
| 0040 | Feb-16 | 0622 | 4056.5 | 7134.9 | X25838.6 | Y43784.3 | 185 | 29.3 | 38.7 |
| 0041 | Feb-16 | 0758 | 4048.4 | 7135.7 | X25838.2 | Y43723.8 | 257 | 35.0 | 39.2 |
| 0042 | Feb-16 | 0951 | 4046.2 | 7149.2 | X25952.3 | Y43723.0 | 198 | 29.0 | 38.8 |
| 0043 | Feb-16 | 1240 | 4028.9 | 7205.3 | X26072.4 | Y43601.2 | 303 | 32.3 | 40.3 |
| 0044 | Feb-16 | 1505 | 4038.0 | 7225.7 | X26250.9 | Y43700.4 | 225 | 23.2 | 41.2 |
| 0045 | Feb-16 | 1648 | 4031.2 | 7234.8 | X26316.8 | Y43652.8 | 245 | 24.6 | 41.0 |
| 0046 | Feb-16 | 2307 | 4008.4 | 7342.4 | X26808.8 | Y43503.7 | 322 | 22.4 | 40.8 |
| 0047 | Feb-17 | 0310 | 3958.3 | 7308.9 | X26538.3 | Y43382.6 | 315 | 27.3 | 41.7 |
| 0048 | Feb-17 | 0659 | 3935.5 | 7310.3 | X26519.4 | Y43163.1 | 319 | 22.1 | 42.1 |

NOAA Fisheries Service WINTER BOTTOM TRAWL SURVEY
2005 STATION INFORMATION

| Station | Date | Time | Lat | Lon | Loran TD's | | Course | Bottom Depth (FM) | Temp (F) |
|---------|--------|------|--------|--------|---------------|----------|--------|-------------------------|-------------|
| 0049 | Feb-17 | 0907 | 3934.7 | 7326.4 | X26630.7 | Y43160.3 | 174 | 19.4 | 42.1 |
| 0050 | Feb-17 | 1044 | 3927.1 | 7324.2 | X26604.7 | Y43084.3 | 229 | 18.6 | 42.1 |
| 0051 | Feb-17 | 1338 | 3911.5 | 7346.9 | X26732.6 | Y42925.5 | 165 | 22.1 | 42.8 |
| 0052 | Feb-17 | 1539 | 3858.7 | 7342.6 | X26686.8 | Y42794.9 | 225 | 23.8 | 42.4 |
| 0053 | Feb-17 | 1758 | 3847.5 | 7357.5 | X26761.7 | Y42672.1 | 226 | 24.9 | 43.0 |
| 0054 | Feb-17 | 2024 | 3839.6 | 7412.9 | X26840.6 | Y42579.5 | 144 | 24.3 | 42.6 |
| 0055 | Feb-17 | 2226 | 3829.4 | 7403.8 | X26772.7 | Y42477.1 | 239 | 31.4 | 43.3 |
| 0056 | Feb-18 | 0240 | 3816.0 | 7428.6 | X26889.9 | Y42312.4 | 323 | 22.1 | 43.3 |
| 0057 | Feb-18 | 0640 | 3746.1 | 7428.1 | X26842.9 | Y41990.6 | 318 | 32.8 | 44.2 |
| 0058 | Feb-18 | 0841 | 3738.7 | 7436.5 | X26874.0 | Y41899.5 | 329 | 30.3 | 44.1 |
| 0059 | Feb-18 | 1057 | 3730.9 | 7430.5 | X26834.5 | Y41824.5 | 323 | 36.9 | 53.2 |
| 0060 | Feb-18 | 1319 | 3720.3 | 7430.0 | X26819.3 | Y41714.0 | 352 | 68.9 | 54.3 |
| 0061 | Feb-18 | 2052 | 3705.8 | 7438.7 | X26842.0 | Y41544.7 | 322 | 50.9 | 49.6 |
| 0062 | Feb-19 | 0103 | 3701.8 | 7439.5 | X26841.3 | Y41501.4 | 334 | 59.3 | 54.0 |
| 0063 | Feb-19 | 0334 | 3701.4 | 7441.9 | X26851.2 | Y41492.4 | 340 | 46.8 | 51.8 |
| 0064 | Feb-19 | 0800 | 3705.7 | 7433.1 | X26816.9 | Y41555.5 | 030 | 186.2 | 45.5 |
| 0065 | Feb-19 | 1552 | 3755.3 | 7403.5 | X26728.8 | Y42120.4 | 030 | 72.5 | 54.3 |
| 0066 | Feb-19 | 1737 | 3757.8 | 7400.5 | X26715.9 | Y42150.1 | 055 | 74.4 | 54.5 |
| 0067 | Feb-19 | 1930 | 3758.2 | 7359.5 | X26711.3 | Y42155.1 | 060 | 79.3 | |
| 0068 | Feb-19 | 2213 | 3800.9 | 7352.0 | X26674.4 | Y42191.9 | 212 | 202.6 | 45.9 |
| 0069 | Feb-20 | 0020 | 3800.9 | 7406.6 | X26751.2 | Y42174.7 | 341 | 50.3 | 52.5 |
| 0070 | Feb-20 | 0203 | 3811.2 | 7411.2 | X26788.9 | Y42277.9 | 049 | 35.5 | 43.3 |
| 0071 | Feb-20 | 0507 | 3826.7 | 7347.1 | X26674.4 | Y42462.5 | 125 | 36.4 | 46.4 |
| 0072 | Feb-20 | 0708 | 3829.5 | 7347.8 | X26681.5 | Y42490.5 | 149 | 35.3 | |
| 0073 | Feb-20 | 1003 | 3821.3 | 7341.4 | X26636.9 | Y42411.5 | 075 | 62.6 | 53.6 |
| 0074 | Feb-20 | 1339 | 3823.0 | 7326.0 | X26551.2 | Y42442.1 | 053 | 138.9 | 49.5 |
| 0075 | Feb-20 | 2102 | 3933.2 | 7250.8 | X26381.3 | Y43135.7 | 001 | 34.4 | 41.7 |
| 0076 | Feb-20 | 2311 | 3945.8 | 7249.0 | X26378.1 | Y43253.7 | 083 | 38.0 | 41.7 |
| 0077 | Feb-21 | 0254 | 3945.8 | 7233.4 | X26265.1 | Y43246.5 | 068 | 36.1 | 42.4 |
| 0078 | Feb-21 | 0517 | 3949.2 | 7217.8 | X26154.4 | Y43269.9 | 121 | 47.8 | 51.3 |
| 0079 | Feb-21 | 1003 | 4000.6 | 7153.8 | X25978.6 | Y43353.9 | 098 | 48.7 | 48.2 |
| 0080 | Feb-21 | 1417 | 4023.8 | 7142.9 | X25891.1 | Y43537.2 | 101 | 42.4 | 45.3 |
| 0081 | Feb-21 | 1742 | 4039.5 | 7124.1 | X25737.7 | Y43642.4 | 100 | 34.2 | 37.8 |
| 0082 | Feb-21 | 1957 | 4036.3 | 7110.5 | X25629.0 | Y43603.4 | 067 | 36.6 | 40.5 |
| 0083 | Feb-21 | 2235 | 4043.2 | 7048.8 | X25450.7 | Y43632.1 | 120 | 35.3 | 39.4 |
| 0084 | Feb-22 | 0139 | 4034.0 | 7022.2 | X25283.9 | Y43540.4 | 237 | 34.4 | 39.6 |
| 0085 | Feb-22 | 0449 | 4021.9 | 7048.1 | X25482.5 | Y43474.7 | 236 | 51.9 | 45.9 |
| 0086 | Feb-22 | 0736 | 4010.9 | 7107.1 | X25633.5 | Y43405.7 | 042 | 69.2 | 50.5 |
| 0087 | Feb-22 | 1012 | 4003.7 | 7114.1 | X25692.1 | Y43354.2 | 225 | 90.2 | 53.8 |
| 0088 | Feb-22 | 1321 | 4002.2 | 7103.9 | X25625.5 | Y43335.8 | 258 | 131.2 | 50.2 |
| 0089 | Feb-22 | 1442 | 4001.7 | 7106.1 | X25641.2 | Y43333.4 | 077 | 133.4 | |
| 0090 | Feb-22 | 1641 | 4003.7 | 7055.1 | X25565.3 | Y43342.0 | 106 | 102.3 | 53.8 |
| 0091 | Feb-22 | 2152 | 4002.2 | 7017.6 | X25353.6 | Y43308.8 | 272 | 108.3 | 54.1 |
| 0092 | Feb-23 | 0039 | 4004.2 | 7003.1 | X25279.6 | Y43314.5 | 103 | 81.5 | 53.8 |
| 0093 | Feb-23 | 0241 | 4009.1 | 6953.1 | W14165.4 | Y43343.9 | 042 | 54.1 | 45.5 |
| 0094 | Feb-23 | 0510 | 4022.2 | 6947.2 | W14092.8 | Y43430.2 | 130 | 41.0 | 40.3 |
| 0095 | Feb-23 | 0823 | 4001.1 | 6939.5 | W14121.6 | Y43281.1 | 053 | 64.8 | 54.7 |
| 0096 | Feb-23 | 1034 | 3958.9 | 6922.6 | W14045.6 | Y43257.5 | 069 | 61.0 | 53.2 |

NOAA Fisheries Service WINTER BOTTOM TRAWL SURVEY
2005 STATION INFORMATION

| Station | Date | Time | Lat | Lon | Loran TD's | | Course | Bottom Depth (FM) | Temp (F) |
|---------|--------|-------|--------|--------|---------------|----------|--------|-------------------------|-------------|
| ---- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- |
| 0097 | Feb-23 | 1456 | 4015.2 | 6908.3 | W13921.8 | Y43358.7 | 333 | 53.0 | 46.9 |
| 0098 | Feb-23 | 1651 | 4016.5 | 6909.2 | W13921.7 | Y43367.9 | 139 | 52.8 | |
| 0099 | Feb-23 | 1944 | 4028.9 | 6923.3 | W13947.7 | Y43457.9 | 090 | 36.9 | 40.8 |
| 0100 | Feb-23 | 2235 | 4031.1 | 6853.3 | W13791.4 | Y43451.4 | 071 | 39.4 | 39.7 |
| 0101 | Feb-24 | 0128 | 4038.3 | 6826.0 | W13634.4 | Y43476.6 | 311 | 37.5 | 39.6 |
| 0102 | Feb-24 | 0521 | 4051.9 | 6848.9 | W13689.0 | Y43576.8 | 164 | 38.0 | 39.9 |
| 0103 | Feb-24 | 0734 | 4050.1 | 6852.9 | W13716.0 | Y43569.0 | 033 | 38.5 | |
| 0104 | Feb-24 | 1034 | 4053.7 | 6909.8 | W13786.0 | Y43605.8 | 027 | 36.6 | 41.0 |
| 0105 | Feb-24 | 1347 | 4048.4 | 6920.2 | W13859.4 | Y43581.8 | 347 | 12.8 | 40.5 |
| 0106 | Feb-24 | 1624 | 4053.8 | 6941.2 | W13948.2 | Y43636.1 | 043 | 22.4 | 39.4 |
| 0107 | Feb-24 | 1926 | 4044.5 | 6953.4 | W14048.0 | Y43586.5 | 257 | 23.5 | 39.0 |
| 0108 | Feb-24 | 2219 | 4056.1 | 7018.9 | X25199.2 | Y43690.4 | 326 | 23.2 | 37.6 |

NOAA FISHERIES SERVICE-NEFSC WINTER BOTTOM TRAWL SURVEY
ALBATROSS IV JAN 31 - FEB 25, 2005
CATCH WEIGHTS (POUNDS) OF IMPORTANT SPECIES BY HAUL

| STATION | ATLANTIC COD | HADDOCK | POLLOCK | WHITE HAKE | SILVER HAKE | REDFISH | GOOSEFISH | SPINY DOGFISH | YELLOWTAIL FLOUNDER | WINTER FLOUNDER | AMERICAN PLAICE | WITCH FLOUNDER | WINDOWPANE FLDR | SUMMER FLOUNDER | SCUP | BLACK SEA BASS | ATLANTIC HERRING | ATLANTIC MACKEREL | WINTER SKATE | LITTLE SKATE | BUTTERFISH | AMERICAN LOBSTER | LOLIGO | ILLEX | TOTAL * OTHER | TOTAL ALL | |
|---------|--------------|---------|---------|------------|-------------|---------|-----------|---------------|---------------------|-----------------|-----------------|----------------|-----------------|-----------------|------|----------------|------------------|-------------------|--------------|--------------|------------|------------------|--------|-------|---------------|-----------|---|
| 1 | 0 | 0 | 0 | 0 | 69 | 0 | 80 | 334 | 0 | 0 | 0 | 21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 | 3 | 123 | 636 | |
| 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 2 | 0 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 200 | 17 | 4 | 236 | |
| 3 | 0 | 0 | 0 | 0 | 10 | 0 | 33 | 43 | 0 | 0 | 0 | 0 | 0 | 98 | 0 | 1 | 0 | 0 | 0 | 0 | 117 | 0 | 136 | 2 | 142 | 582 | |
| 4 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 3665 | 0 | 0 | 0 | 0 | 0 | 29 | 0 | 0 | 0 | 0 | 0 | 0 | 79 | 0 | 267 | 4 | 64 | 4113 | |
| 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 96 | 123 | 25 | 0 | 0 | 0 | 4 | 12 | 0 | 254 | 0 | 244 | 764 | |
| 6 | 0 | 0 | 0 | 0 | 1 | 0 | 11 | 0 | 0 | 0 | 0 | 3 | 0 | 75 | 4 | 3 | 0 | 0 | 0 | 24 | 2 | 0 | 169 | 0 | 23 | 315 | |
| 7 | 0 | 0 | 0 | 0 | 1 | 0 | 6 | 913 | 0 | 0 | 0 | 1 | 0 | 4 | 0 | 0 | 17 | 2 | 0 | 166 | 0 | 0 | 25 | 0 | 41 | 1176 | |
| 8 | 0 | 0 | 0 | 0 | 1 | 0 | 4 | 1586 | 0 | 0 | 0 | 0 | 0 | 6 | 0 | 0 | 7 | 131 | 0 | 404 | 21 | 0 | 13 | 0 | 54 | 2227 | |
| 9 | 0 | 0 | 0 | 0 | 1 | 0 | 2 | 12 | 0 | 0 | 0 | 1 | 0 | 14 | 0 | 1 | 7 | 1 | 5 | 74 | 0 | 5 | 49 | 0 | 24 | 196 | |
| 10 | 0 | 0 | 0 | 0 | 0 | 0 | 47 | 3 | 0 | 0 | 0 | 4 | 0 | 97 | 845 | 14 | 0 | 0 | 0 | 35 | 74 | 0 | 146 | 0 | 193 | 1458 | |
| 11 | 0 | 0 | 0 | 0 | 49 | 0 | 30 | 427 | 0 | 0 | 0 | 45 | 0 | 3 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 26 | 0 | 77 | 661 | |
| 12 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1208 | 0 | 0 | 0 | 0 | 0 | 58 | 0 | 0 | 2 | 15 | 0 | 35 | 16 | 0 | 13 | 0 | 19 | 1367 | |
| 13 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 18 | 0 | 0 | 0 | 20 | 0 | 105 | 15 | 174 | 0 | 0 | 0 | 1 | 12 | 0 | 154 | 3 | 116 | 619 | |
| 14 | 0 | 0 | 0 | 13 | 157 | 0 | 229 | 135 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 0 | 0 | 100 | 655 | |
| 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 171 | 0 | 0 | 0 | 0 | 18 | 2 | 0 | 0 | 2 | 0 | 0 | 255 | 0 | 0 | 0 | 0 | 3 | 451 | |
| 16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 143 | 0 | 0 | 0 | 0 | 13 | 1 | 0 | 0 | 27 | 2 | 3 | 135 | 0 | 0 | 0 | 0 | 12 | 336 | |
| 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 38 | 0 | 0 | 0 | 0 | 36 | 3 | 0 | 0 | 0 | 0 | 1 | 138 | 0 | 0 | 0 | 0 | 3 | 219 | |
| 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 5 | 0 | 34 | 52 | 0 | 0 | 0 | 0 | 38 | 137 | |
| 19 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 10 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 26 | 175 | 0 | 0 | 0 | 0 | 28 | 245 | |
| 20 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 33 | 0 | 11 | 49 | 0 | 0 | 0 | 0 | 18 | 120 | |
| 21 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 17 | 0 | 0 | 0 | 0 | 9 | 1 | 0 | 0 | 1 | 0 | 15 | 68 | 0 | 0 | 0 | 0 | 5 | 118 | |
| 22 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 49 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 17 | 56 | 0 | 0 | 0 | 0 | 23 | 147 | |
| 23 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 80 | 0 | 0 | 0 | 0 | 1 | 6 | 0 | 0 | 1 | 0 | 41 | 9 | 0 | 0 | 0 | 0 | 42 | 180 | |
| 24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 47 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 66 | 4 | 0 | 0 | 0 | 0 | 63 | 182 | |
| 25 | 0 | 0 | 0 | 0 | 0 | 0 | 7 | 221 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 59 | 1 | 23 | 15 | 0 | 0 | 0 | 0 | 110 | 438 | |
| 26 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 1342 | 0 | 0 | 0 | 0 | 0 | 6 | 0 | 0 | 30 | 6 | 4 | 28 | 0 | 0 | 4 | 0 | 307 | 1742 | |
| 27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 225 | 0 | 0 | 0 | 0 | 6 | 9 | 0 | 0 | 3 | 0 | 40 | 14 | 0 | 0 | 0 | 0 | 68 | 365 | |
| 28 | 0 | 0 | 0 | 0 | 0 | 0 | 25 | 1118 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 38 | 40 | 5 | 0 | 0 | 1 | 0 | 36 | 1267 | |
| 29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1145 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 | 0 | 0 | 0 | 0 | 2 | 0 | 167 | 1320 | |
| 30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1504 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 11 | 0 | 0 | 0 | 2 | 0 | 311 | 1831 | |
| 31 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 67 | 84 | |
| 32 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 742 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 116 | 863 | |
| 33 | 0 | 0 | 0 | 0 | 0 | 0 | 21 | 344 | 0 | 0 | 0 | 0 | 0 | 44 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 7 | 0 | 468 | 886 | |
| 34 | 0 | 0 | 0 | 0 | 0 | 0 | 6 | 14926 | 0 | 0 | 0 | 0 | 0 | 26 | 6 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 115 | 0 | 503 | 15584 | |
| 35 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 2893 | 0 | 0 | 0 | 0 | 0 | 25 | 18 | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 110 | 0 | 774 | 3837 | |
| 36 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 37 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 38 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 39 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 2 | 7 | 0 | 0 | 9 | 0 | 0 | 0 | 0 | 0 | 747 | 475 | 0 | 0 | 0 | 0 | 22 | 1264 | |
| 40 | 0 | 0 | 0 | 0 | 2 | 0 | 29 | 0 | 16 | 24 | 0 | 0 | 15 | 2 | 0 | 0 | 4 | 0 | 161 | 252 | 0 | 0 | 0 | 0 | 61 | 566 | |
| 41 | 0 | 0 | 0 | 0 | 3 | 0 | 9 | 7 | 3 | 3 | 0 | 0 | 2 | 1 | 0 | 0 | 15 | 0 | 96 | 351 | 0 | 0 | 0 | 0 | 68 | 558 | |
| 42 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 5 | 17 | 6 | 0 | 0 | 23 | 24 | 0 | 0 | 3 | 0 | 29 | 154 | 0 | 0 | 0 | 0 | 39 | 302 | |
| 43 | 0 | 0 | 0 | 0 | 1 | 0 | 14 | 21 | 9 | 0 | 0 | 0 | 0 | 30 | 0 | 0 | 2 | 0 | 30 | 291 | 0 | 0 | 0 | 0 | 65 | 463 | |

NOAA FISHERIES SERVICE-NEFSC WINTER BOTTOM TRAWL SURVEY
ALBATROSS IV JAN 31 - FEB 25, 2005
CATCH WEIGHTS (POUNDS) OF IMPORTANT SPECIES BY HAUL

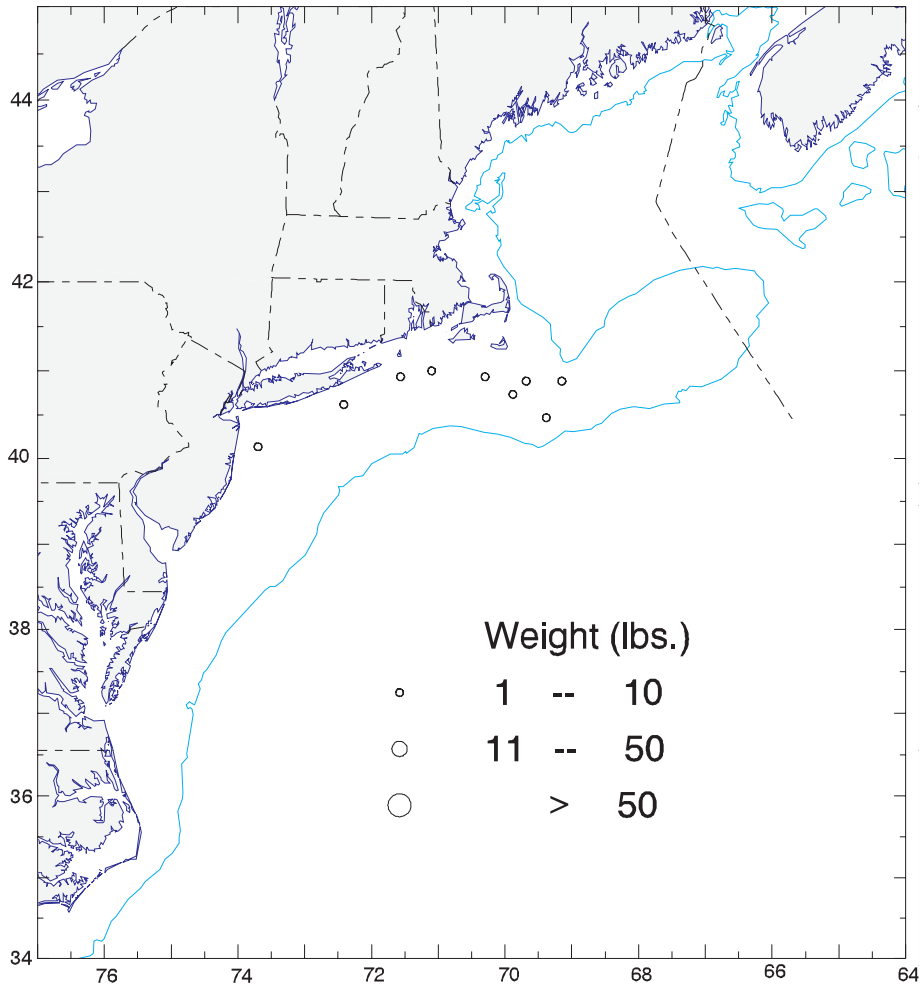
| | ATLANTIC COD | HADDOCK | POLLOCK | WHITE HAKE | SILVER HAKE | REDFISH | GOOSEFISH | SPINY DOGFISH | YELLOWTAIL FLOUNDER | WINTER FLOUNDER | AMERICAN PLAICE | WITCH FLOUNDER | WINDOWPANE FLDR | SUMMER FLOUNDER | SCUP | BLACK SEA BASS | ATLANTIC HERRING | ATLANTIC MACKEREL | WINTER SKATE | LITTLE SKATE | BUTTERFISH | AMERICAN LOBSTER | LOLIGO | ILLEX | TOTAL * OTHER | TOTAL ALL | |
|----|--------------|---------|---------|------------|-------------|---------|-----------|---------------|---------------------|-----------------|-----------------|----------------|-----------------|-----------------|------|----------------|------------------|-------------------|--------------|--------------|------------|------------------|--------|-------|---------------|-----------|---|
| 44 | 9 | 0 | 0 | 0 | 4 | 0 | 0 | 146 | 13 | 10 | 0 | 0 | 2 | 1 | 0 | 0 | 5 | 0 | 22 | 108 | 0 | 0 | 0 | 0 | 57 | 377 | |
| 45 | 0 | 0 | 0 | 0 | 2 | 0 | 1 | 92 | 5 | 14 | 0 | 0 | 6 | 4 | 0 | 0 | 50 | 0 | 15 | 237 | 0 | 0 | 0 | 0 | 33 | 459 | |
| 46 | 2 | 0 | 0 | 0 | 1 | 0 | 3 | 276 | 1 | 13 | 0 | 2 | 10 | 1 | 0 | 0 | 11 | 0 | 45 | 1165 | 0 | 0 | 0 | 0 | 118 | 1648 | |
| 47 | 0 | 0 | 0 | 0 | 2 | 0 | 3 | 1043 | 3 | 2 | 0 | 0 | 0 | 2 | 0 | 0 | 3 | 10 | 65 | 486 | 0 | 0 | 0 | 0 | 49 | 1668 | |
| 48 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 307 | 1 | 0 | 0 | 0 | 0 | 8 | 0 | 0 | 10 | 102 | 7 | 49 | 0 | 0 | 1 | 0 | 1 | 486 | |
| 49 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 206 | 2 | 0 | 0 | 0 | 1 | 9 | 0 | 0 | 1 | 6 | 3 | 84 | 0 | 0 | 1 | 0 | 11 | 324 | |
| 50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 436 | 2 | 0 | 0 | 0 | 1 | 5 | 0 | 0 | 19 | 25 | 0 | 44 | 0 | 0 | 0 | 0 | 5 | 537 | |
| 51 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 433 | 0 | 0 | 0 | 1 | 8 | 4 | 0 | 0 | 19 | 149 | 0 | 65 | 0 | 0 | 1 | 0 | 9 | 689 | |
| 52 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 798 | 0 | 0 | 0 | 0 | 3 | 12 | 0 | 0 | 14 | 1352 | 7 | 21 | 0 | 0 | 1 | 0 | 21 | 2229 | |
| 53 | 0 | 0 | 0 | 0 | 0 | 0 | 7 | 659 | 0 | 0 | 0 | 0 | 2 | 8 | 0 | 0 | 158 | 440 | 0 | 104 | 0 | 0 | 0 | 0 | 66 | 1444 | |
| 54 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 977 | 1 | 0 | 0 | 0 | 2 | 3 | 0 | 0 | 52 | 73 | 6 | 176 | 0 | 0 | 2 | 0 | 27 | 1335 | |
| 55 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 561 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 7 | 93 | 0 | 218 | 0 | 0 | 1 | 0 | 68 | 949 | |
| 56 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 332 | 0 | 0 | 0 | 0 | 6 | 3 | 0 | 0 | 23 | 3 | 0 | 408 | 0 | 0 | 1 | 0 | 16 | 792 | |
| 57 | 0 | 0 | 0 | 0 | 0 | 0 | 13 | 2227 | 0 | 0 | 0 | 1 | 0 | 48 | 0 | 0 | 4 | 0 | 0 | 83 | 0 | 0 | 8 | 0 | 76 | 2460 | |
| 58 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2790 | 0 | 0 | 0 | 2 | 0 | 65 | 0 | 0 | 0 | 0 | 0 | 48 | 1 | 2 | 2 | 0 | 23 | 2933 | |
| 59 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 1907 | 0 | 0 | 0 | 0 | 0 | 145 | 99 | 28 | 0 | 0 | 0 | 7 | 3 | 0 | 5 | 0 | 24 | 2220 | |
| 60 | 0 | 0 | 0 | 0 | 0 | 0 | 14 | 412 | 0 | 0 | 0 | 0 | 0 | 52 | 0 | 148 | 0 | 0 | 0 | 0 | 60 | 0 | 164 | 0 | 1713 | 2563 | |
| 61 | 0 | 0 | 0 | 0 | 0 | 0 | 43 | 7638 | 0 | 0 | 0 | 0 | 0 | 11 | 0 | 53 | 0 | 0 | 0 | 0 | 1 | 7 | 151 | 0 | 208 | 8112 | |
| 62 | 0 | 0 | 0 | 0 | 3 | 0 | 16 | 5545 | 0 | 0 | 0 | 0 | 0 | 11 | 1 | 58 | 0 | 0 | 0 | 0 | 18 | 5 | 34 | 0 | 42 | 5733 | |
| 63 | 0 | 0 | 0 | 0 | 0 | 0 | 7 | 5350 | 0 | 0 | 0 | 0 | 0 | 46 | 173 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 331 | 0 | 98 | 6007 | |
| 64 | 0 | 0 | 0 | 0 | 109 | 0 | 138 | 3585 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 1 | 0 | 65 | 3901 | |
| 65 | 0 | 0 | 0 | 0 | 3 | 0 | 16 | 1375 | 0 | 0 | 0 | 0 | 0 | 36 | 0 | 126 | 0 | 0 | 0 | 0 | 13 | 0 | 257 | 0 | 114 | 1940 | |
| 66 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 67 | 0 | 0 | 0 | 0 | 4 | 0 | 20 | 2597 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 26 | 0 | 0 | 0 | 0 | 82 | 0 | 73 | 1 | 41 | 2848 | |
| 68 | 0 | 0 | 0 | 18 | 122 | 0 | 257 | 319 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 237 | 957 | |
| 69 | 0 | 0 | 0 | 0 | 0 | 0 | 34 | 121 | 0 | 0 | 0 | 8 | 0 | 69 | 7 | 13 | 0 | 0 | 0 | 2 | 15 | 0 | 28 | 0 | 193 | 490 | |
| 70 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 2035 | 0 | 0 | 0 | 1 | 0 | 24 | 0 | 0 | 0 | 0 | 0 | 153 | 3 | 0 | 9 | 0 | 119 | 2354 | |
| 71 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 71 | 0 | 0 | 0 | 1 | 0 | 2 | 0 | 2 | 0 | 0 | 0 | 8 | 0 | 0 | 1 | 0 | 6 | 93 | |
| 72 | 0 | 0 | 0 | 1 | 1 | 0 | 25 | 1491 | 0 | 0 | 0 | 6 | 0 | 51 | 1 | 5 | 0 | 1 | 0 | 190 | 1 | 6 | 33 | 0 | 377 | 2189 | |
| 73 | 0 | 0 | 0 | 0 | 0 | 0 | 14 | 4 | 0 | 0 | 0 | 13 | 0 | 54 | 209 | 21 | 0 | 0 | 0 | 0 | 11 | 0 | 7 | 0 | 68 | 401 | |
| 74 | 0 | 0 | 0 | 0 | 14 | 0 | 28 | 1445 | 0 | 0 | 0 | 10 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 19 | 3 | 110 | 1634 | |
| 75 | 0 | 0 | 0 | 0 | 0 | 0 | 17 | 231 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 65 | 641 | 5 | 163 | 1 | 0 | 2 | 0 | 55 | 1181 | |
| 76 | 0 | 0 | 0 | 0 | 1 | 0 | 199 | 826 | 0 | 0 | 0 | 3 | 0 | 1 | 0 | 0 | 776 | 1740 | 0 | 359 | 2 | 1 | 1 | 0 | 148 | 4057 | |
| 77 | 0 | 0 | 0 | 0 | 2 | 0 | 17 | 163 | 0 | 0 | 0 | 3 | 0 | 15 | 0 | 0 | 3 | 1 | 4 | 230 | 0 | 0 | 9 | 0 | 212 | 659 | |
| 78 | 0 | 0 | 0 | 0 | 7 | 0 | 8 | 9 | 0 | 0 | 0 | 3 | 0 | 147 | 0 | 0 | 0 | 0 | 0 | 61 | 6 | 0 | 11 | 0 | 60 | 312 | |
| 79 | 0 | 0 | 0 | 0 | 2 | 0 | 34 | 0 | 0 | 0 | 0 | 2 | 0 | 119 | 0 | 0 | 0 | 0 | 12 | 46 | 1 | 0 | 0 | 0 | 21 | 237 | |
| 80 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 25 | 0 | 0 | 0 | 0 | 1 | 28 | 0 | 0 | 0 | 0 | 21 | 15 | 0 | 0 | 0 | 0 | 21 | 121 | |
| 81 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 2 | 8 | 0 | 0 | 1 | 0 | 16 | 119 | 0 | 0 | 0 | 0 | 8 | 159 | |
| 82 | 0 | 0 | 0 | 0 | 3 | 0 | 29 | 0 | 1 | 0 | 0 | 1 | 9 | 3 | 0 | 0 | 23 | 0 | 78 | 300 | 0 | 0 | 0 | 0 | 27 | 474 | |
| 83 | 0 | 0 | 0 | 0 | 1 | 0 | 5 | 0 | 1 | 0 | 0 | 0 | 2 | 4 | 0 | 0 | 4 | 0 | 119 | 233 | 0 | 0 | 0 | 0 | 13 | 382 | |
| 84 | 0 | 0 | 0 | 0 | 0 | 0 | 7 | 0 | 1 | 0 | 0 | 0 | 5 | 2 | 0 | 0 | 1 | 0 | 95 | 240 | 0 | 0 | 0 | 0 | 13 | 364 | |
| 85 | 0 | 0 | 0 | 0 | 4 | 0 | 68 | 0 | 0 | 0 | 0 | 0 | 2 | 3 | 0 | 0 | 1 | 0 | 22 | 15 | 0 | 0 | 0 | 0 | 32 | 147 | |
| 86 | 0 | 0 | 0 | 3 | 9 | 0 | 64 | 13 | 0 | 0 | 0 | 0 | 0 | 412 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 2 | 0 | 36 | 540 | |
| 87 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 49 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 19 | 75 | |

NOAA FISHERIES SERVICE-NEFSC WINTER BOTTOM TRAWL SURVEY
ALBATROSS IV JAN 31 - FEB 25, 2005
CATCH WEIGHTS (POUNDS) OF IMPORTANT SPECIES BY HAUL

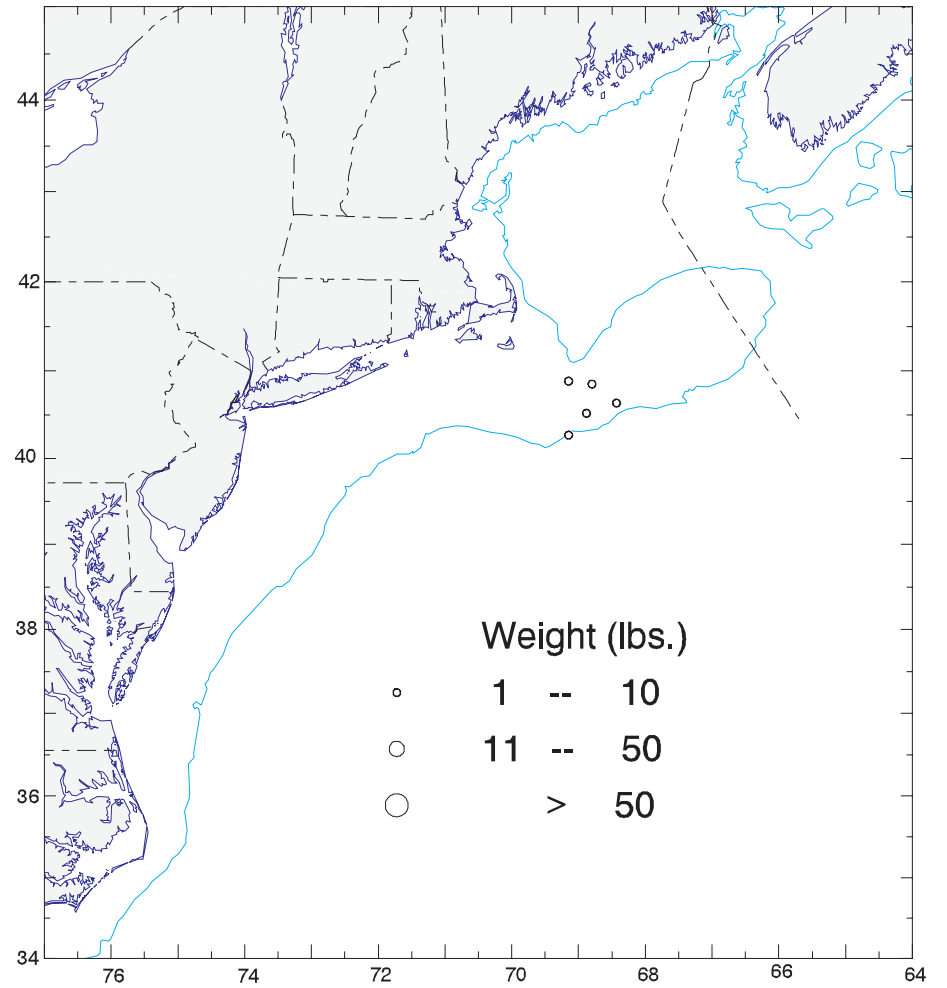
| | ATLANTIC COD | HADDOCK | POLLOCK | WHITE HAKE | SILVER HAKE | REDFISH | GOOSEFISH | SPINY DOGFISH | YELLOWTAIL FLOUNDER | WINTER FLOUNDER | AMERICAN PLAICE | WITCH FFLOUNDER | WINDOWPANE FLDR | SUMMER FLOUNDER | SCUP | BLACK SEA BASS | ATLANTIC HERRING | ATLANTIC MACKEREL | WINTER SKATE | LITTLE SKATE | BUTTERFISH | AMERICAN LOBSTER | LOLIGO | ILLEX | TOTAL * OTHER | TOTAL ALL | |
|-------|--------------|---------|---------|------------|-------------|---------|-----------|---------------|---------------------|-----------------|-----------------|-----------------|-----------------|-----------------|------|----------------|------------------|-------------------|--------------|--------------|------------|------------------|--------|-------|------------------|--------------|---|
| 88 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 4 | 8 | |
| 89 | 0 | 0 | 0 | 0 | 6 | 0 | 11 | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 8 | 1 | 31 | 69 | |
| 90 | 0 | 0 | 0 | 0 | 21 | 0 | 6 | 1 | 0 | 0 | 0 | 0 | 0 | 53 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 72 | 5 | 35 | 196 | |
| 91 | 0 | 0 | 0 | 0 | 16 | 0 | 37 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 16 | 73 | |
| 92 | 0 | 0 | 0 | 2 | 0 | 0 | 56 | 0 | 0 | 0 | 0 | 0 | 0 | 124 | 0 | 0 | 1 | 0 | 0 | 0 | 16 | 0 | 3 | 0 | 45 | 247 | |
| 93 | 0 | 0 | 0 | 0 | 2 | 0 | 25 | 0 | 0 | 0 | 0 | 0 | 1 | 3 | 0 | 0 | 1 | 0 | 139 | 0 | 0 | 0 | 0 | 0 | 40 | 211 | |
| 94 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 8 | 1 | 0 | 0 | 0 | 0 | 69 | 201 | 0 | 0 | 0 | 0 | 21 | 303 | |
| 95 | 0 | 0 | 0 | 0 | 4 | 0 | 18 | 20 | 0 | 0 | 0 | 0 | 0 | 568 | 0 | 0 | 0 | 0 | 46 | 15 | 6 | 0 | 0 | 0 | 77 | 754 | |
| 96 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 3 | 0 | 0 | 0 | 0 | 0 | 133 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 104 | 251 | |
| 97 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 98 | 0 | 0 | 0 | 0 | 1 | 0 | 21 | 0 | 3 | 0 | 0 | 2 | 15 | 17 | 0 | 0 | 0 | 0 | 15 | 17 | 0 | 3 | 0 | 0 | 13 | 107 | |
| 99 | 3 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 1 | 7 | 0 | 0 | 0 | 0 | 0 | 139 | 434 | 0 | 0 | 0 | 0 | 19 | 606 | |
| 100 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 6 | 0 | 0 | 7 | 0 | 0 | 0 | 0 | 0 | 145 | 205 | 0 | 0 | 0 | 0 | 19 | 383 | |
| 101 | 0 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14 | 2 | 0 | 0 | 0 | 0 | 109 | 162 | 0 | 0 | 0 | 0 | 23 | 318 | |
| 102 | 0 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 50 | 125 | 0 | 0 | 0 | 0 | 6 | 191 | |
| 103 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 104 | 0 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 0 | 0 | 0 | 0 | 8 | 25 | |
| 105 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 5 | |
| 106 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 247 | 253 | |
| 107 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 19 | 0 | 0 | 0 | 0 | 1 | 24 | |
| 108 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 10 | 29 | 0 | 0 | 0 | 0 | 7 | 48 | |
| TOTAL | 20 | 22 | 0 | 37 | 652 | 0 | 1906 | 79900 | 83 | 92 | 1 | 173 | 265 | 3153 | 1505 | 705 | 1475 | 4838 | 2664 | 9922 | 582 | 54 | 2954 | 39 | 10020 | 121062 | |

* "Total other" are comprised primarily of clearnose skates, northern and striped searobins and sea scallops.

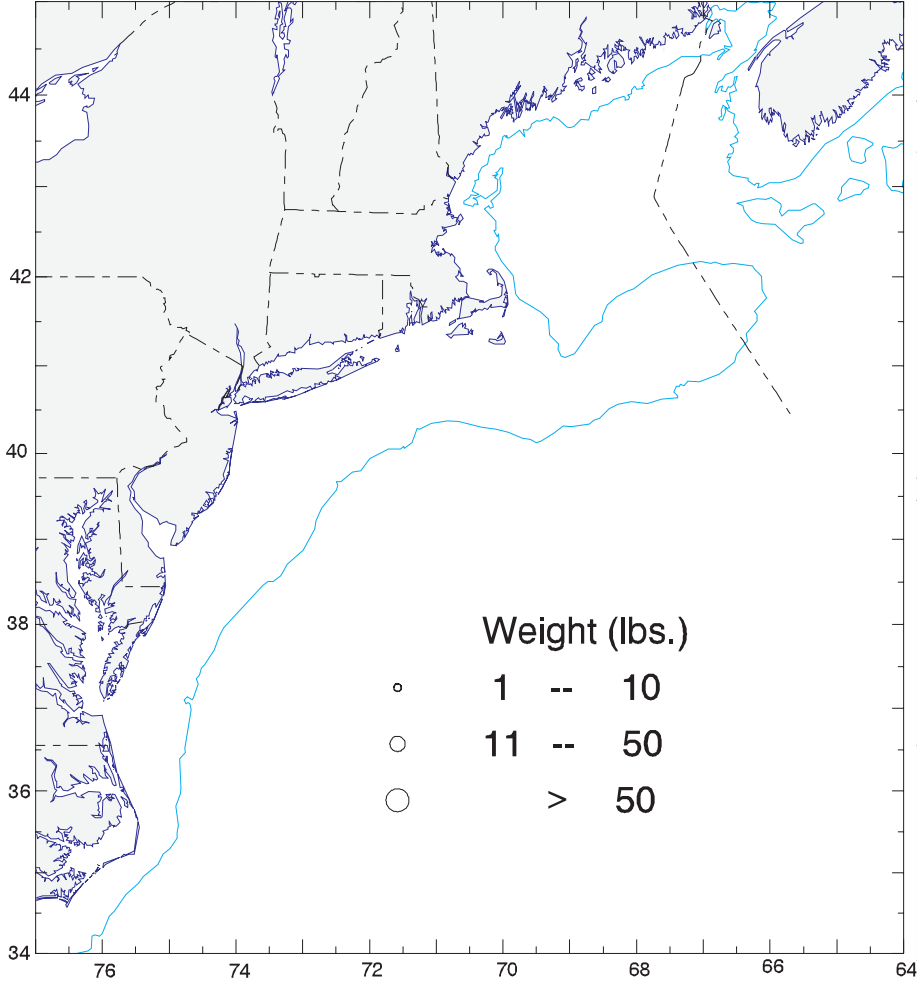
ATLANTIC COD
NOAA Fisheries Service
Bottom Trawl Survey
JAN. 31 - FEB. 25, 2005



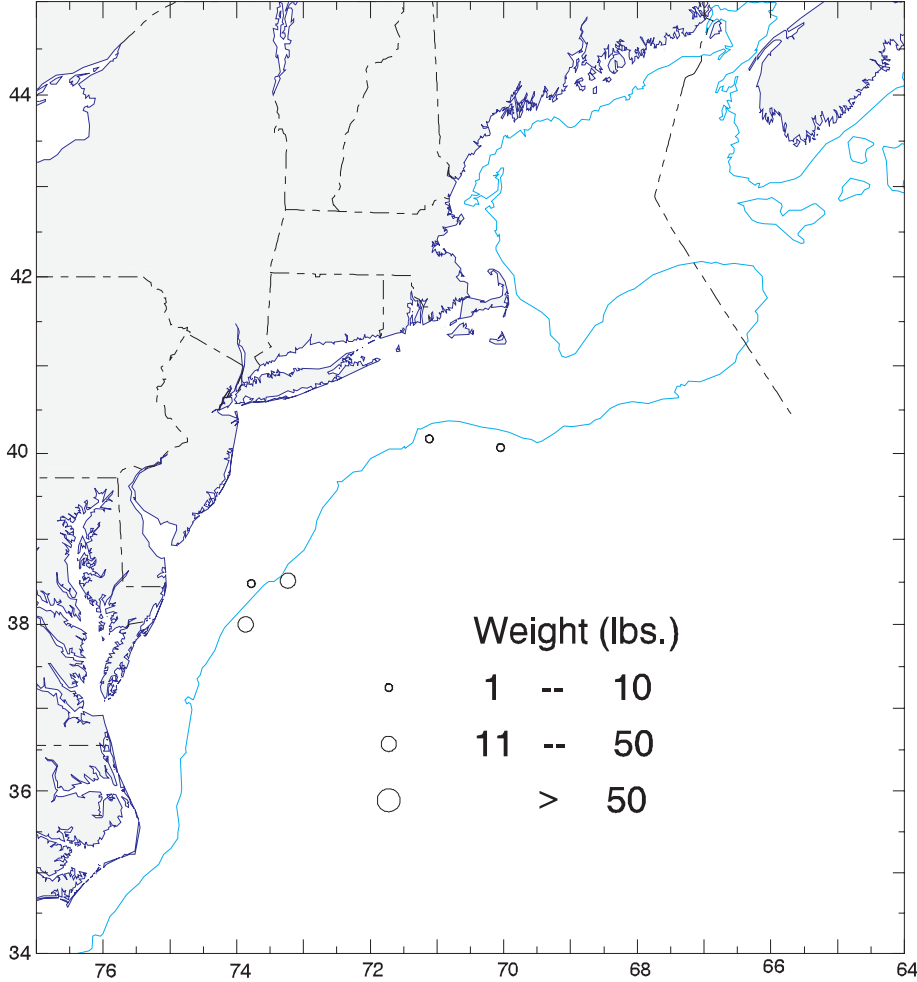
HADDOCK
NOAA Fisheries Service
Bottom Trawl Survey
JAN. 31 - FEB. 25, 2005



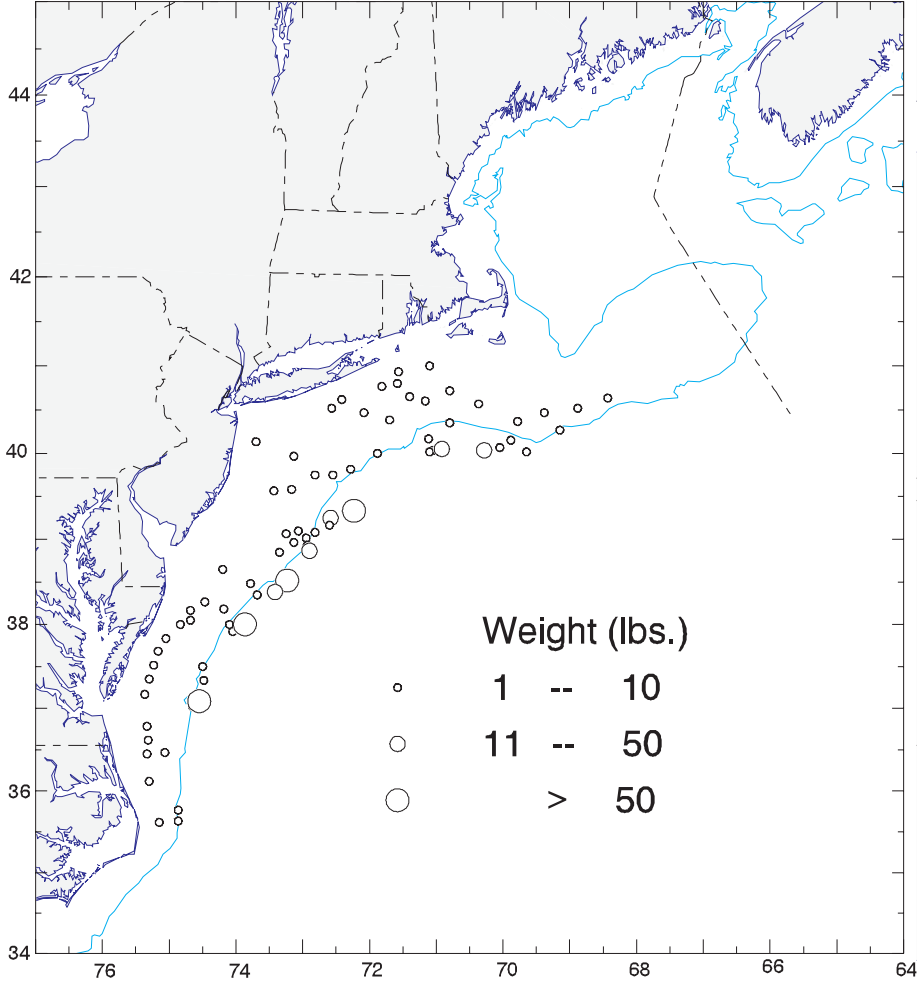
POLLOCK
NOAA Fisheries Service
Bottom Trawl Survey
JAN. 31 - FEB. 25, 2005



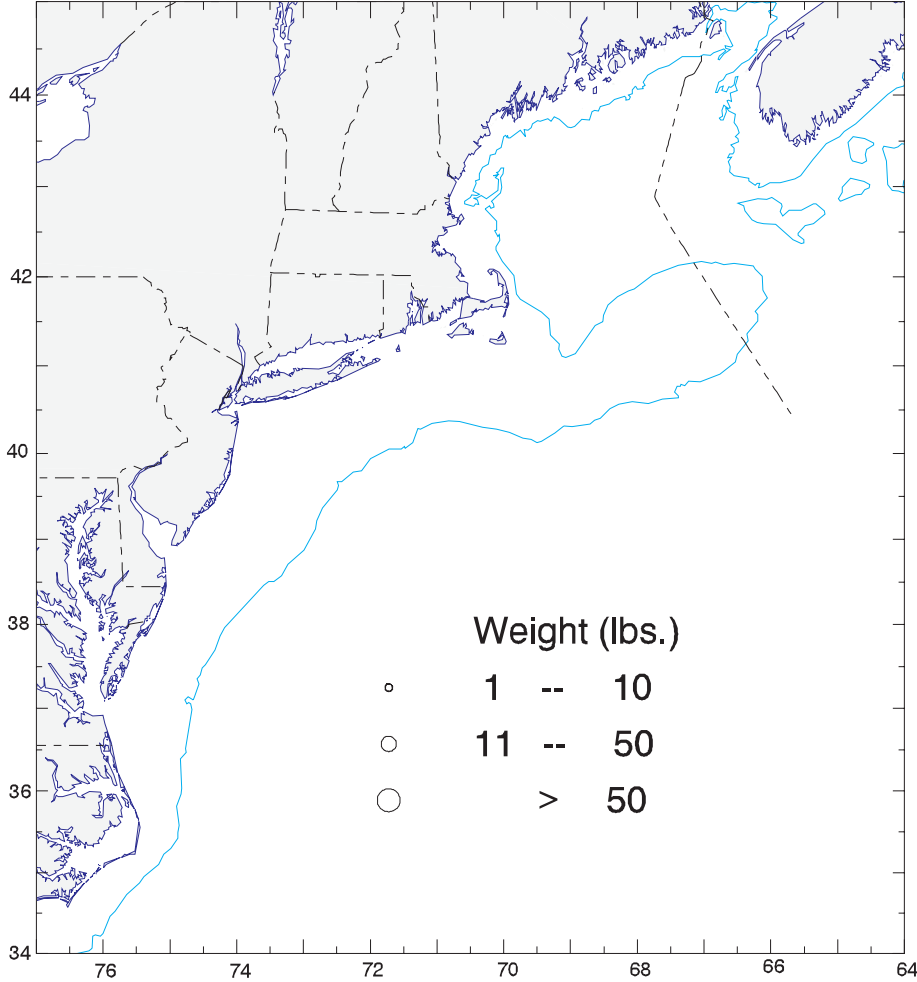
WHITE HAKE
NOAA Fisheries Service
Bottom Trawl Survey
JAN. 31 - FEB. 25, 2005



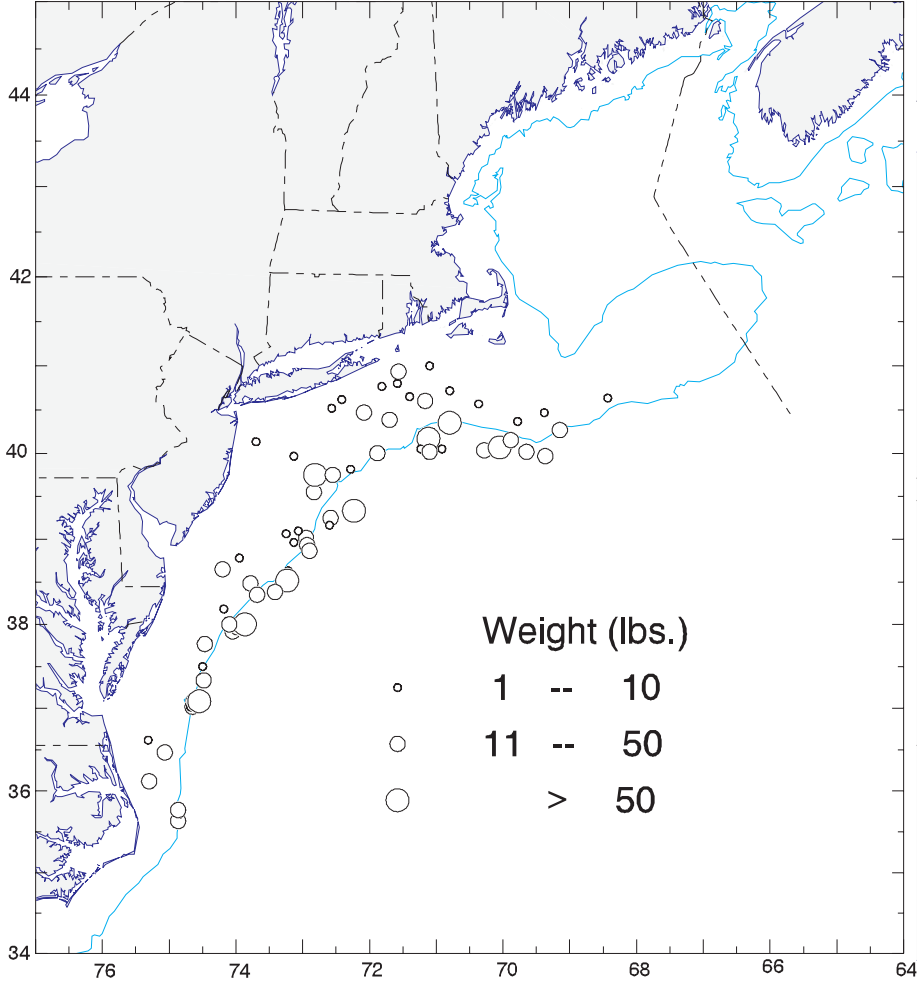
SILVER HAKE
NOAA Fisheries Service
Bottom Trawl Survey
JAN. 31 - FEB. 25, 2005



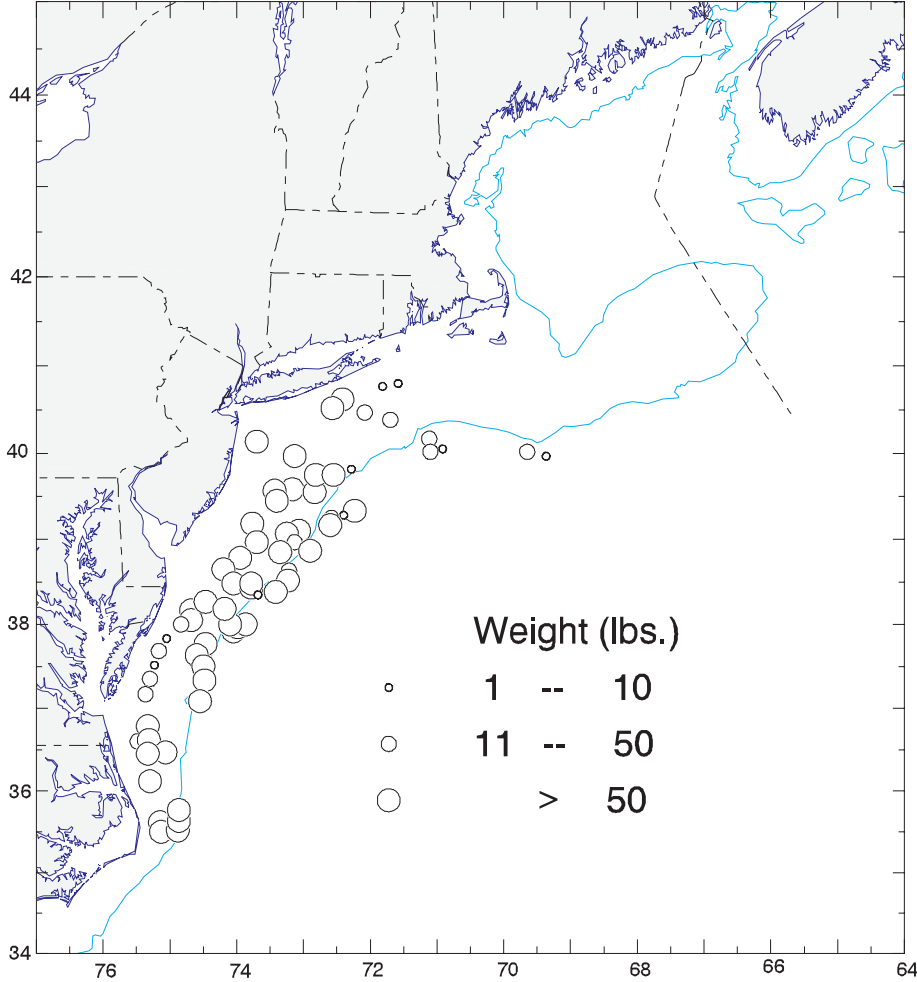
ACADIAN REDFISH
NOAA Fisheries Service
Bottom Trawl Survey
JAN. 31 - FEB. 25, 2005



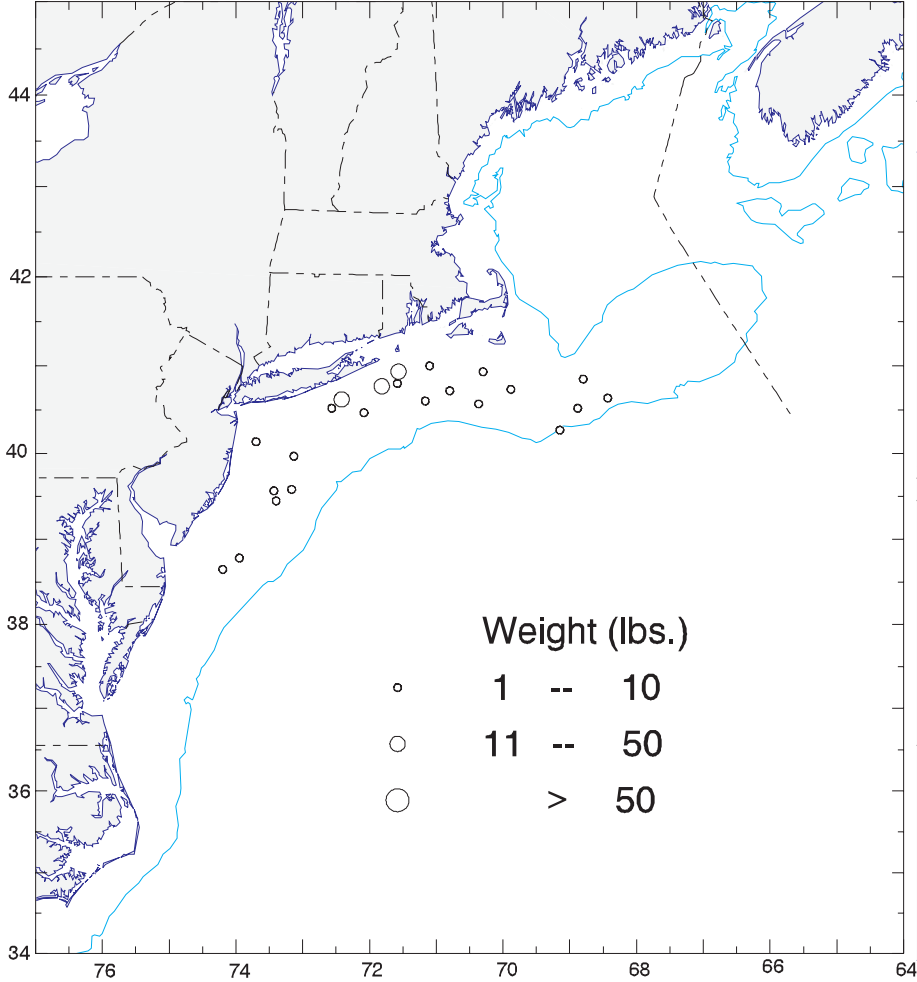
GOOSEFISH
NOAA Fisheries Service
Bottom Trawl Survey
JAN. 31 - FEB. 25, 2005



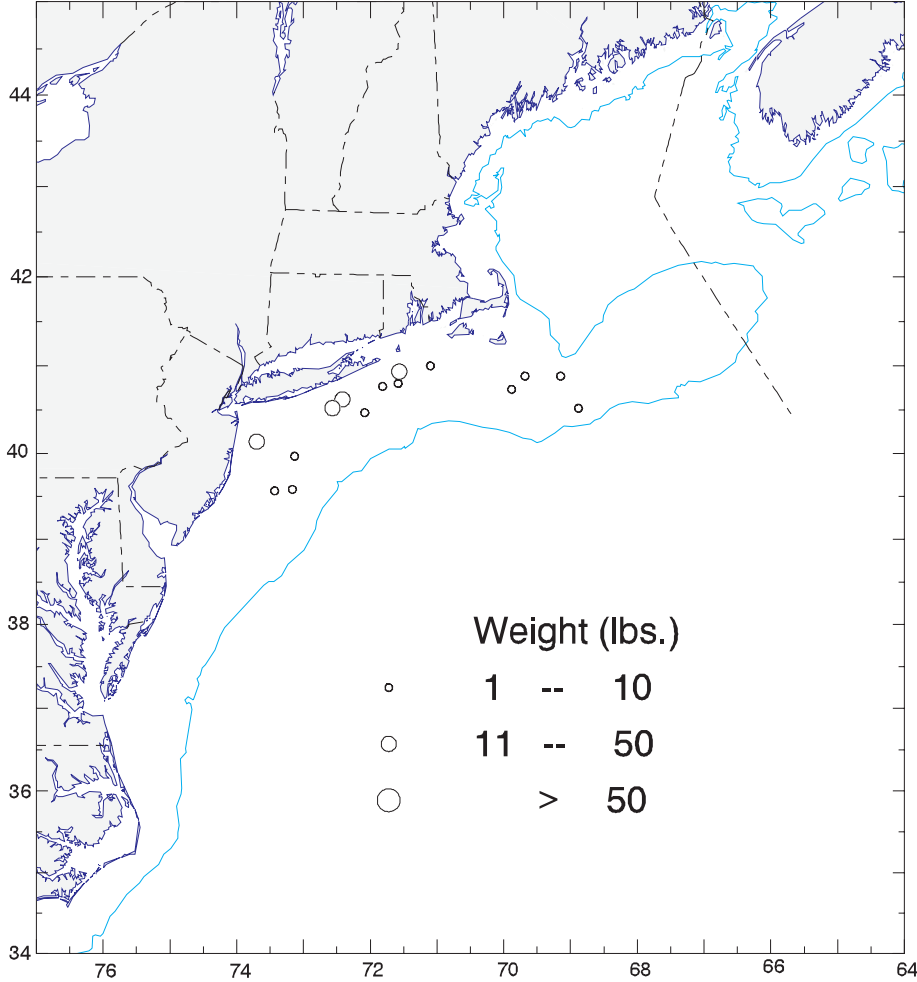
SPINY DOGFISH
NOAA Fisheries Service
Bottom Trawl Survey
JAN. 31 - FEB. 25, 2005



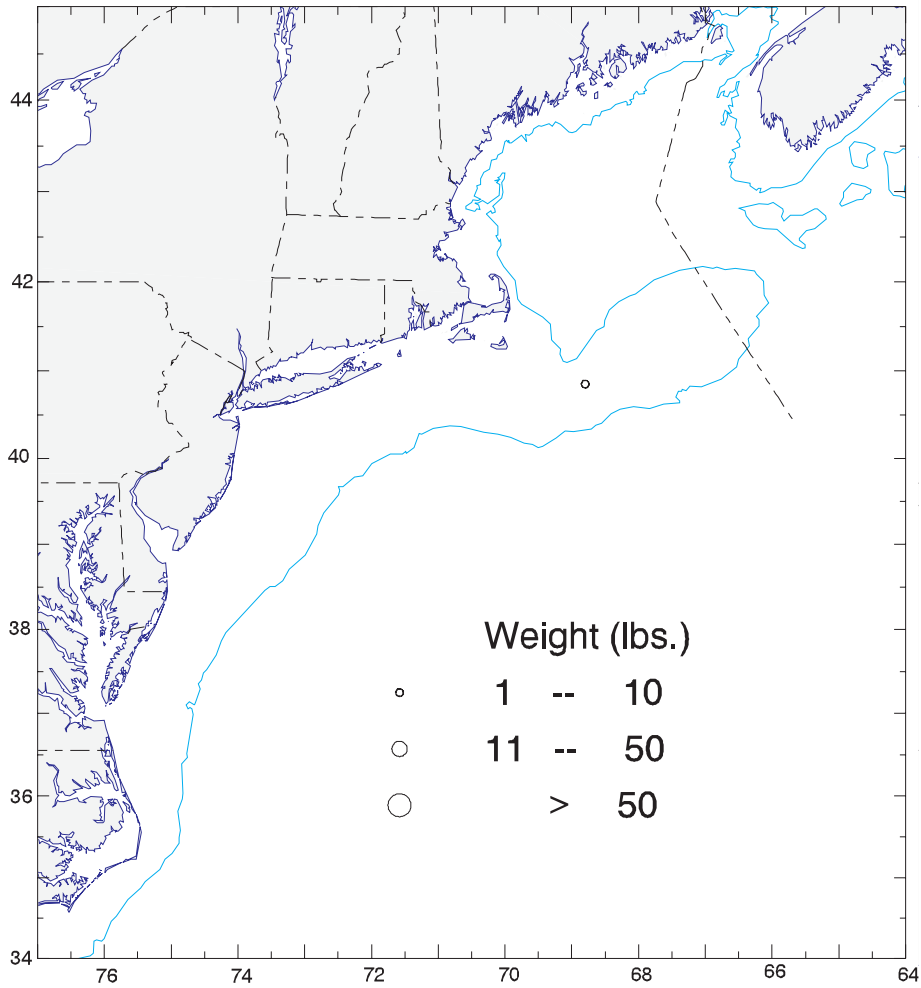
YELLOWTAIL FLOUNDER
NOAA Fisheries Service
Bottom Trawl Survey
JAN. 31 - FEB. 25, 2005



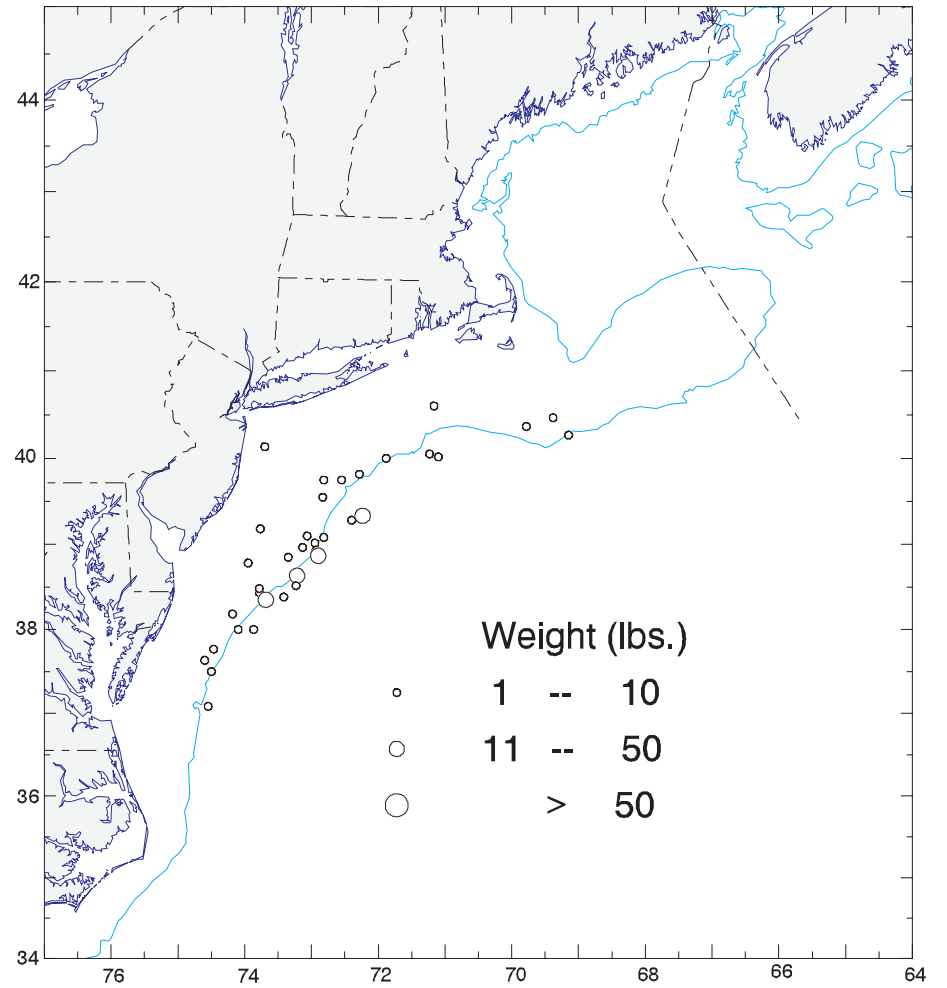
WINTER FLOUNDER
NOAA Fisheries Service
Bottom Trawl Survey
JAN. 31 - FEB. 25, 2005



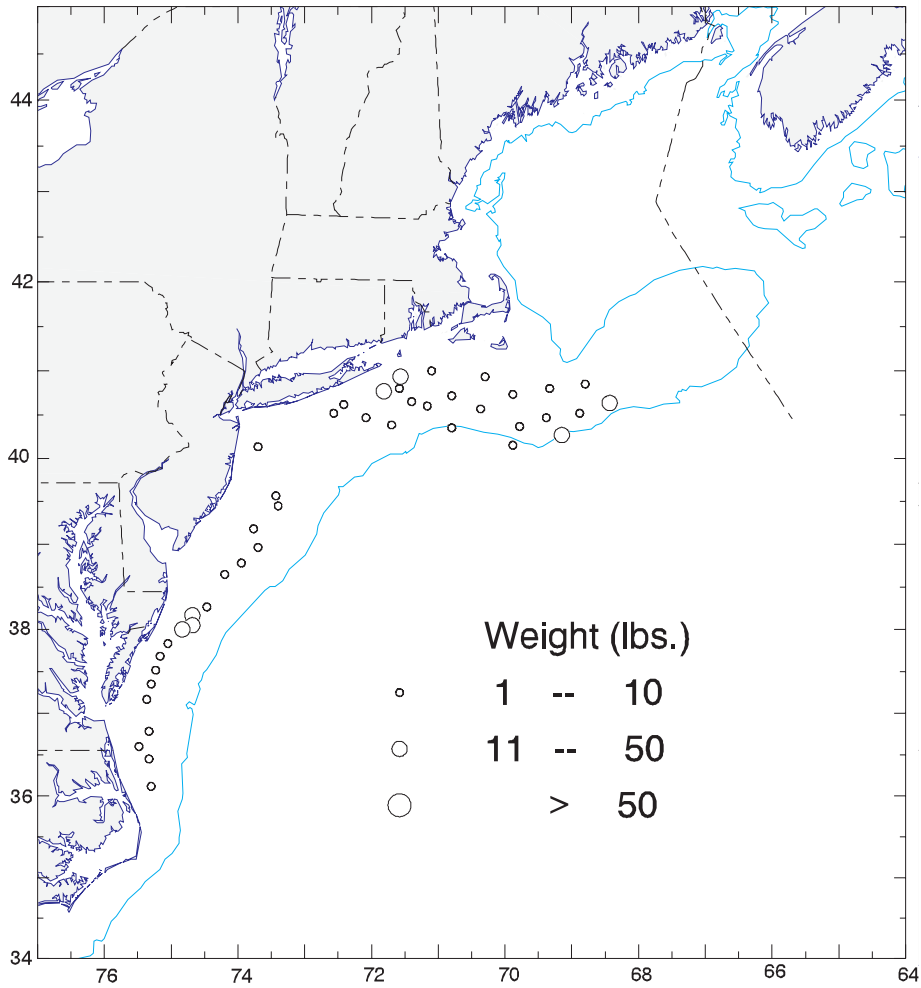
AMERICAN PLAICE
NOAA Fisheries Service
Bottom Trawl Survey
JAN. 31 - FEB. 25, 2005



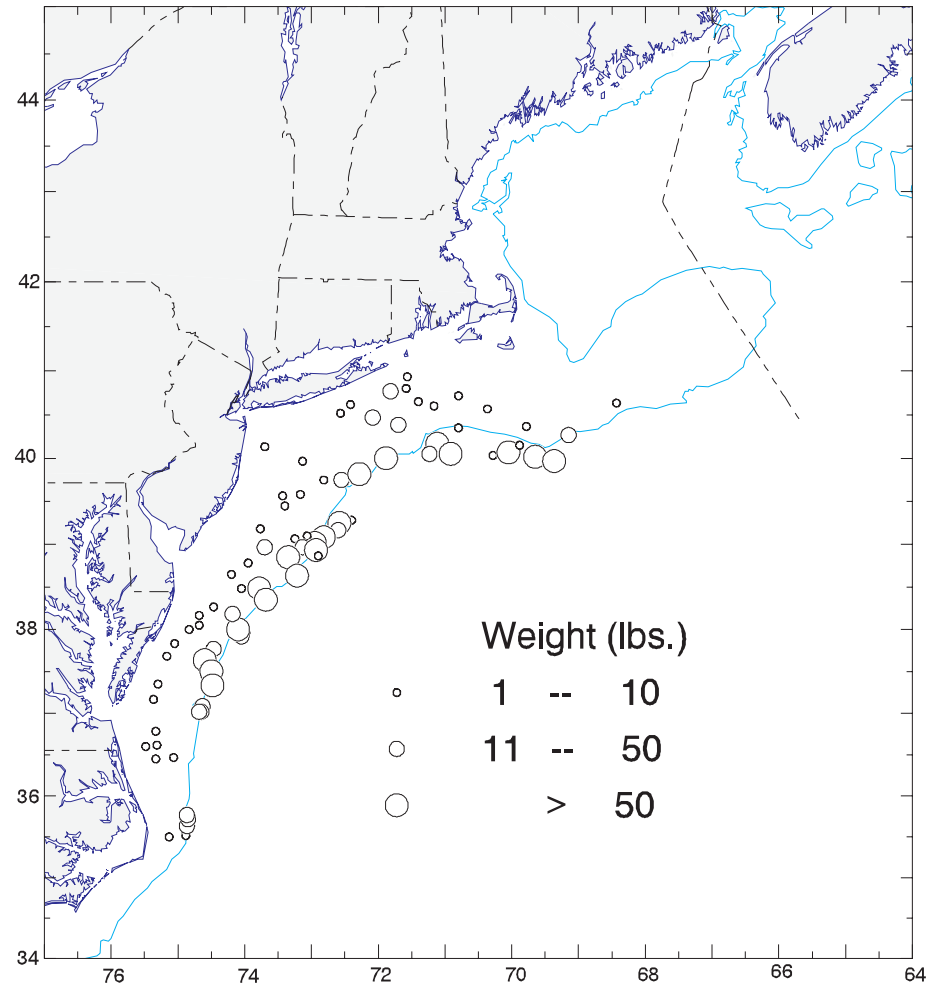
WITCH FLOUNDER
NOAA Fisheries Service
Bottom Trawl Survey
JAN. 31 - FEB. 25, 2005



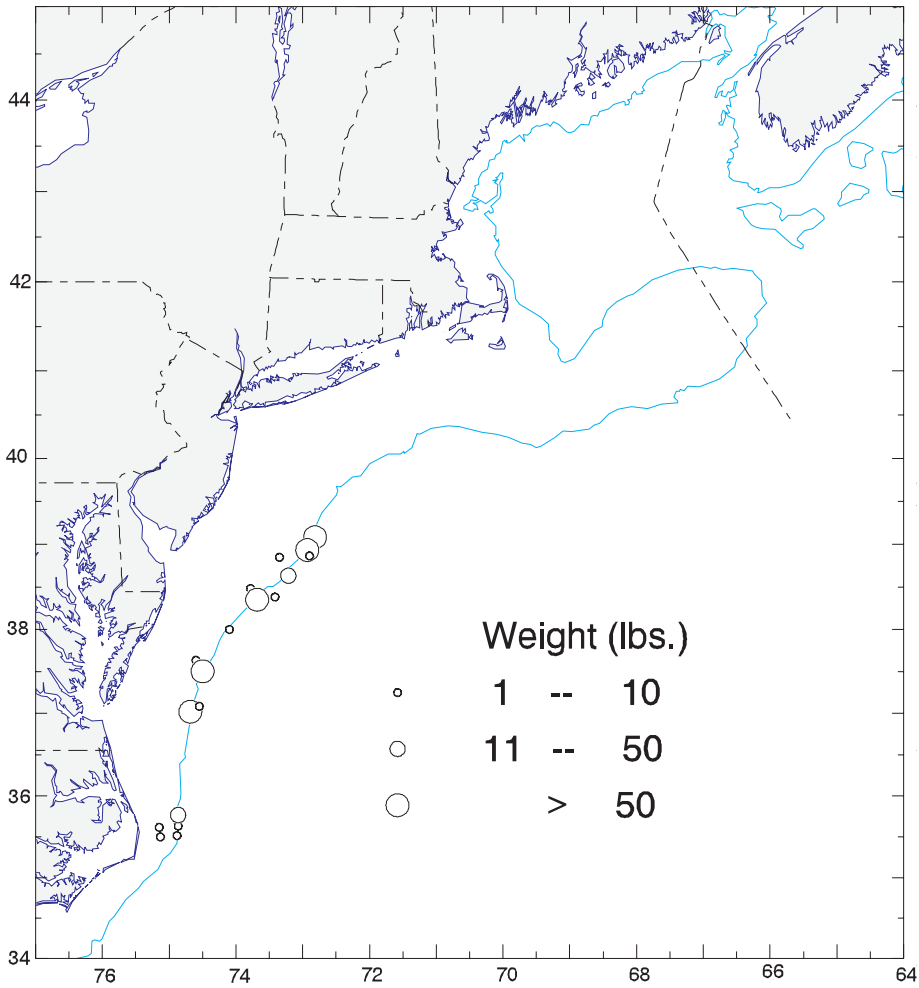
WINDOWPANE FLOUNDER
NOAA Fisheries Service
Bottom Trawl Survey
JAN. 31 - FEB. 25, 2005



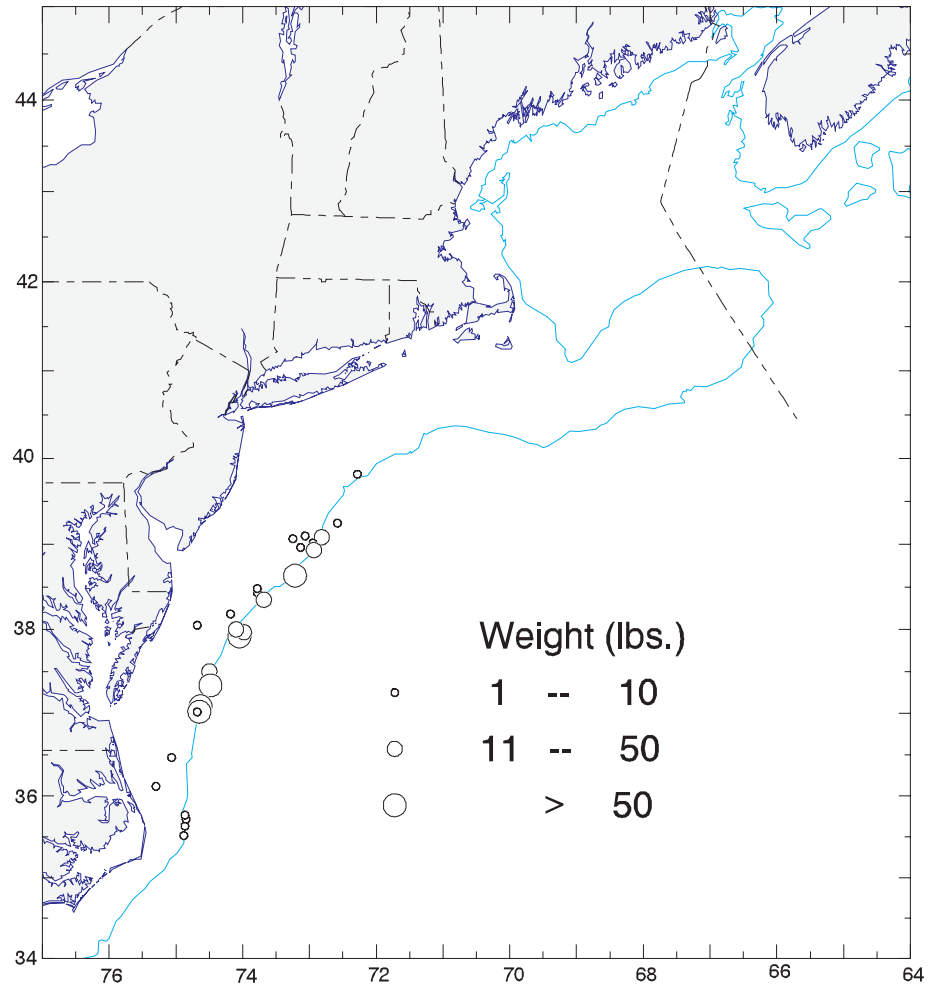
SUMMER FLOUNDER
NOAA Fisheries Service
Bottom Trawl Survey
JAN. 31 - FEB. 25, 2005



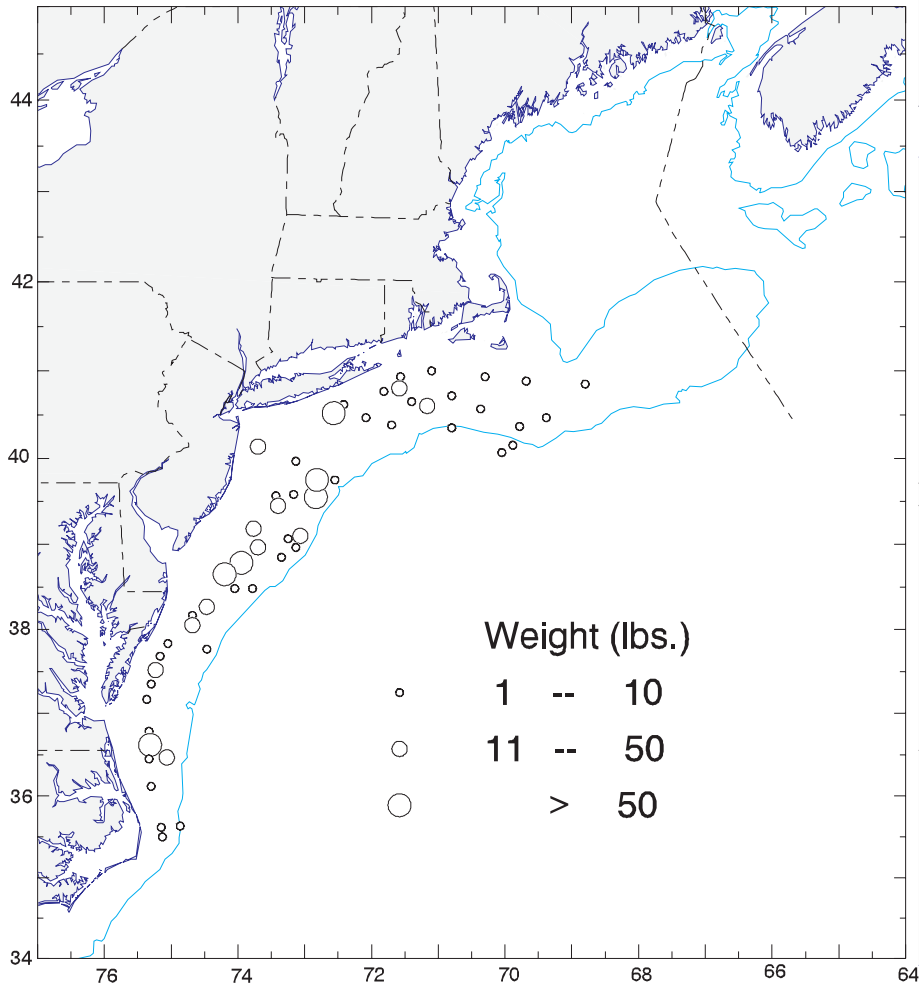
SCUP
NOAA Fisheries Service
Bottom Trawl Survey
JAN. 31 - FEB. 25, 2005



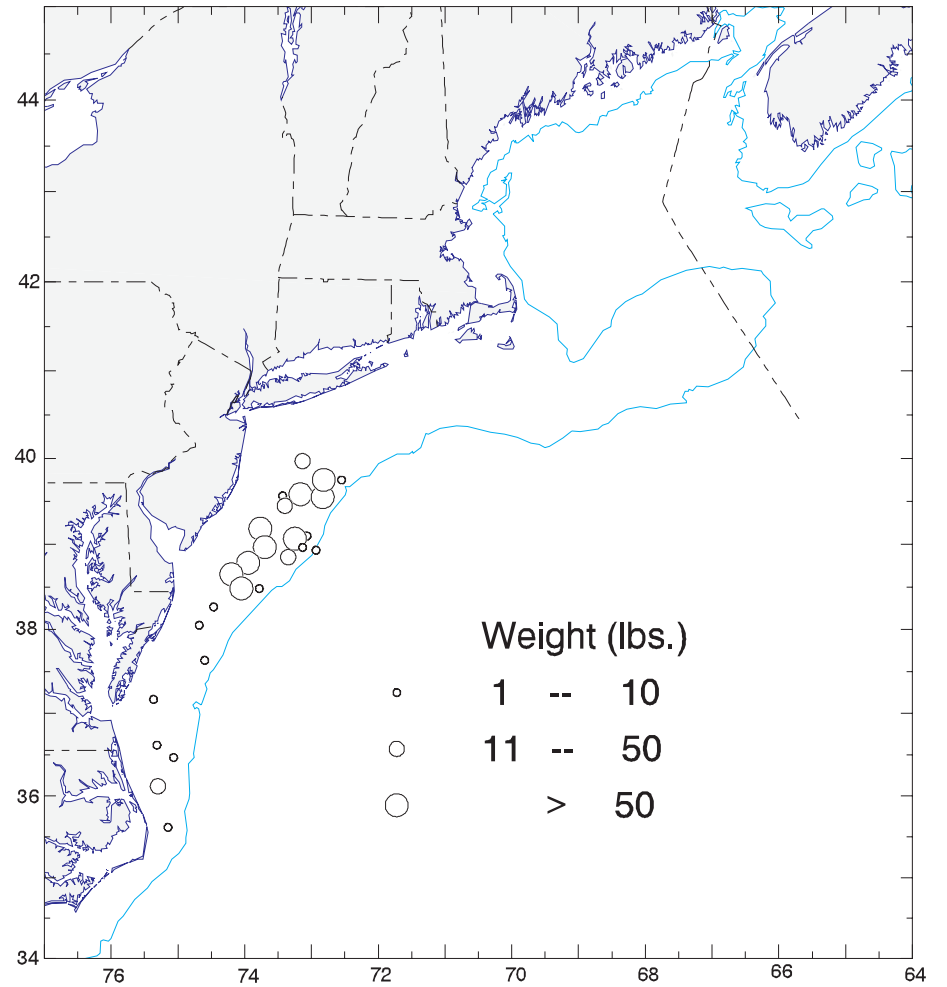
BLACK SEA BASS
NOAA Fisheries Service
Bottom Trawl Survey
JAN. 31 - FEB. 25, 2005



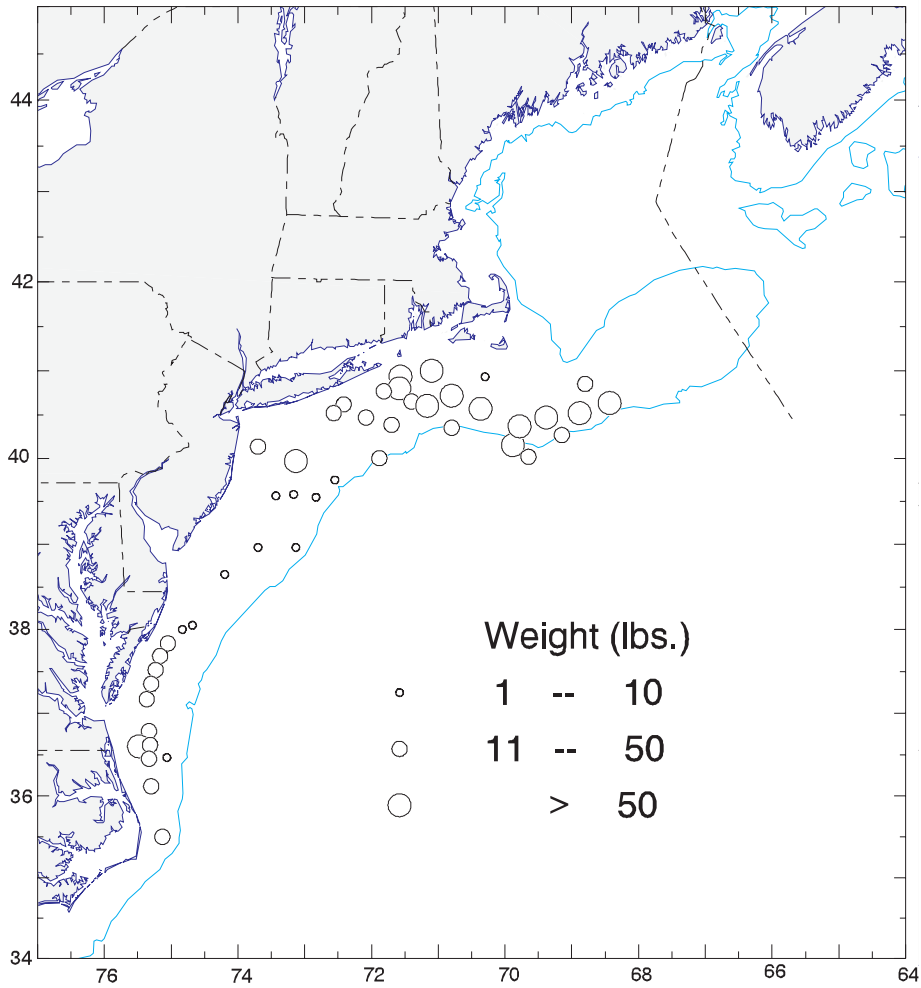
ATLANTIC HERRING
NOAA Fisheries Service
Bottom Trawl Survey
JAN. 31 - FEB. 25, 2005



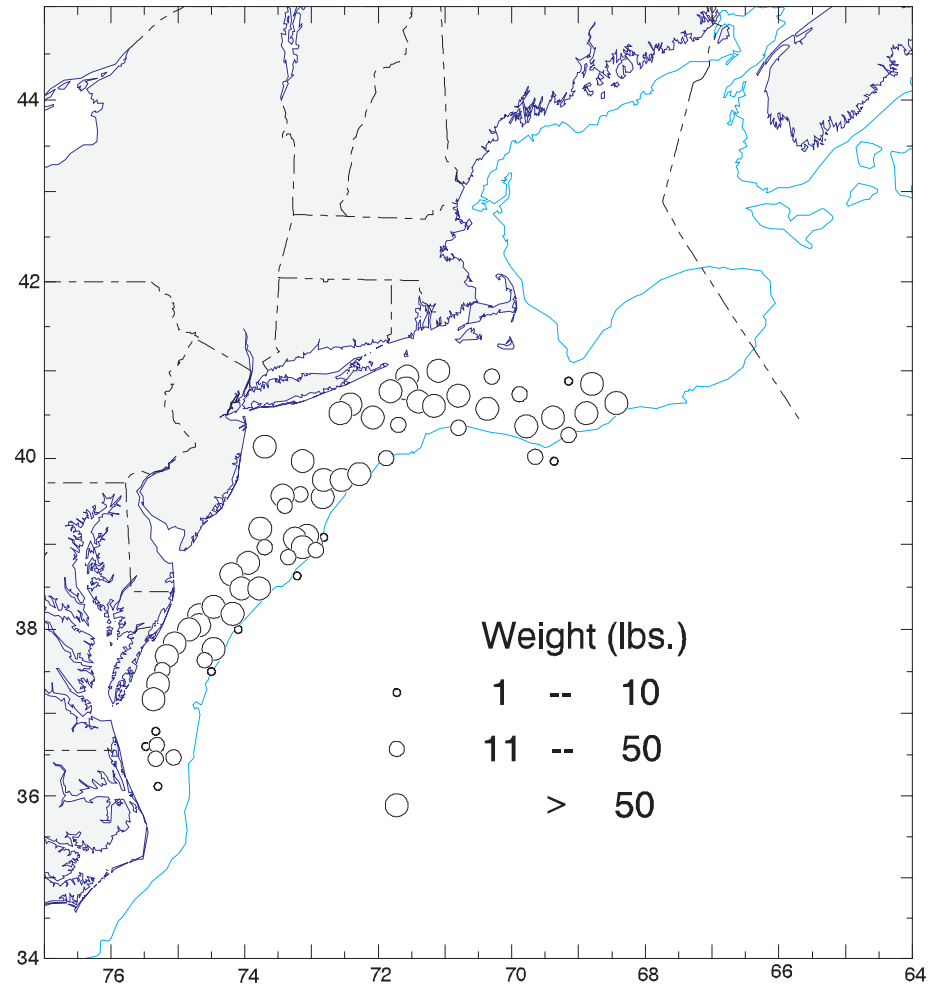
ATLANTIC MACKEREL
NOAA Fisheries Service
Bottom Trawl Survey
JAN. 31 - FEB. 25, 2005



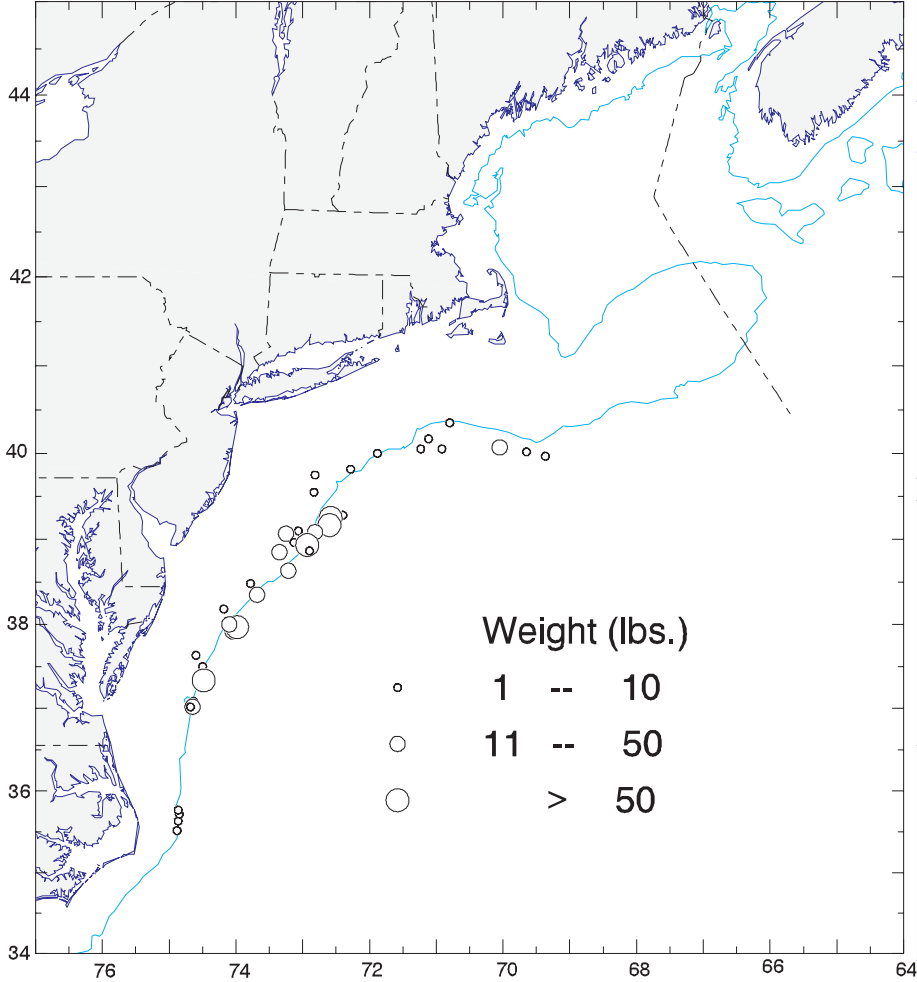
WINTER SKATE
NOAA Fisheries Service
Bottom Trawl Survey
JAN. 31 - FEB. 25, 2005



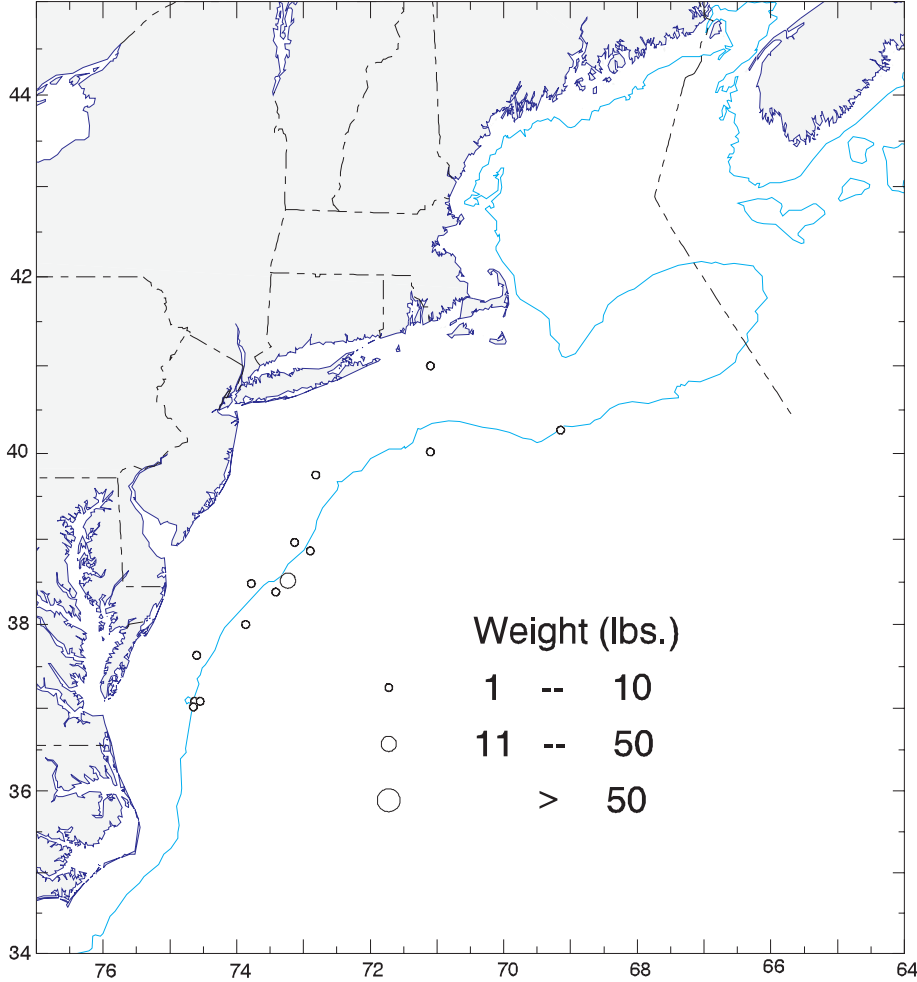
LITTLE SKATE
NOAA Fisheries Service
Bottom Trawl Survey
JAN. 31 - FEB. 25, 2005



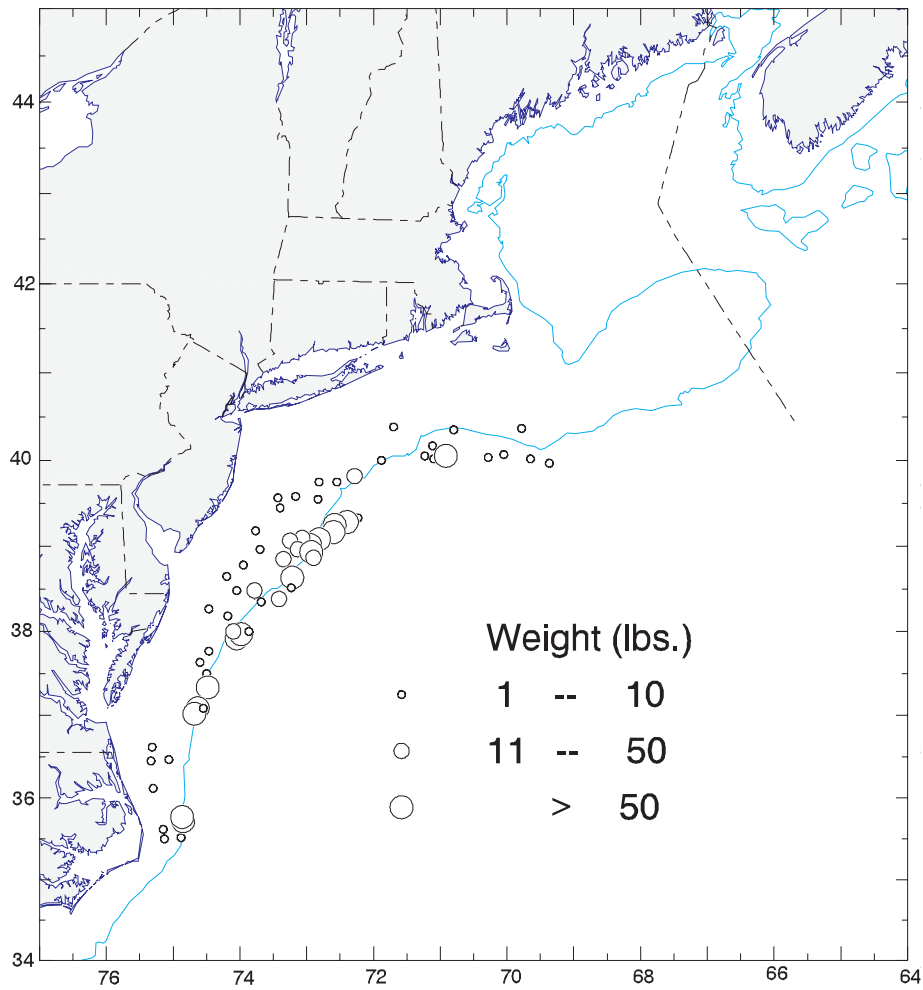
BUTTERFISH
NOAA Fisheries Service
Bottom Trawl Survey
JAN. 31 - FEB. 25, 2005



AMERICAN LOBSTER
NOAA Fisheries Service
Bottom Trawl Survey
JAN. 31 - FEB. 25, 2005



LOLIGO
NOAA Fisheries Service
Bottom Trawl Survey
JAN. 31 - FEB. 25, 2005



ILLEX
NOAA Fisheries Service
Bottom Trawl Survey
JAN. 31 - FEB. 25, 2005

