

RESOURCE SURVEY REPORT
Catch Summary
NOAA Fisheries Service
Northeast Fisheries Science Center
Spring Bottom Trawl Survey
Cape Hatteras - Gulf of Maine
March 1 - April 21, 2005

Submitted to: NOAA, NEFSC

For further information contact Russell Brown (508-495-2380) or Linda Despres (508-4952346), National Marine Fisheries Service, Northeast Fisheries Science Center, 166 Water Street, Woods Hole, MA 02543.

Date: 2005

Resource Survey Report

Bottom Trawl Survey



Cape Hatteras - Gulf of Maine
March 1 - April 21, 2005
R/V Albatross IV

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



Multiple year classes
of haddock
(*Melanogrammus
aeglefinus*)
on Georges Bank

- Jon Brodziak

Chief Scientist
Linda Despres wishing
Captain Jack McAdam
"Bon Voyage" on his
last trip sailing as
Master.



RESOURCE SURVEY REPORT

Catch Summary

NOAA Fisheries Service
Northeast Fisheries Science Center

Spring Bottom Trawl Survey
Cape Hatteras - Gulf of Maine
March 1 - April 21, 2005

Attached are 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 spring bottom trawl survey aboard the *R/V ALBATROSS IV*. Tows were made with a #36 Yankee otter trawl rigged with rollers, 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 with 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 fishermen with useful information about the distribution and relative abundance of species inhabiting the survey area (Cape Hatteras to the Gulf of Maine).

The data are now summarized from audited catch files generated from the Fisheries Scientific Computer System (FSCS). New species have been added and the species plots have been rearranged for easier use.

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

Field Notes

In an effort to share some of the natural history observations made during the bottom trawl survey, we have requested that the Chief Scientists on each part of the cruise comment on some of the more interesting catches that were brought aboard the *R/V ALBATROSS IV*.

Butterfish and Searobins

Leg I of the spring survey faced weather conditions that forced us to take shelter for a few days. It was interesting to see a good butterfish tow, although I remember much larger and more frequent captures in the early 90's. We also had a 60-100 fathom station with a nice catch of large buckler dories. This year our searobin catch consisted of northerns and striped, and the spiny searobins we saw over wintering in the Mid Atlantic Bight in 2002 and 2003 were not detected during this survey.

Waves and Weather

Rough weather and light catches on the US side of the Hague line characterized the Georges Bank part of the survey this spring. An average of 40 pounds of fish per tow was found in the area between Closed Areas I and II with lighter tows in the Nantucket Shoal area. Most of the catches in these areas were composed of sea ravens, long horn sculpins, ocean pout, little and winter skates and a few windowpane flounder. Several commercial fishers operating in the same general vicinity reported abnormally light catches.

Once in the southern part of Closed Area II, yellowtail and haddock began to show up in size and numbers. On the Canadian side of the Hague Line, catches increased to over 200 pounds per tow as more haddock and cod (which had already spawned) showed up in almost every tow. One tow brought up 20 different species...something that normally happens on stations near Cape Hatteras.

Haddock

The substantial catches of Georges Bank haddock during the spring bottom trawl survey again demonstrated the progress that has been made in rebuilding this stock at low fishing mortality rates. Spring 2005 survey catches were comprised of a healthy mix of haddock age classes, ranging from age-1 to age-8 and older. The 2004 year class was abundant in several areas and appeared to be more abundant than the autumn 2004 survey suggested. The 2005 spring survey marked the second consecutive year that the NEFSC has collected haddock fecundity data to investigate how haddock egg size and egg quantity changes as fish grow.

Atlantic Halibut

We caught 19 Atlantic halibut this spring in the Gulf of Maine, including an individual that weighed 47 pounds and was 47 inches long. While these numbers aren't very high, it does represent an increase over what we have seen in previous years. On this same leg last year we saw a couple of large Atlantic halibut, however we only caught a total of 4 individuals.

| | | | |
|-------------------------|------------------------|------------------------|----------------------|
| John Galbraith | Wendy Gabriel | Linda Despres | Peter Chase |
| Chief Scientist | Chief Scientist | Chief Scientist | Chief Scientist |
| Leg I | Leg II | Leg III | Leg IV |
| John.Galbraith@noaa.gov | Wendy.Gabriel@noaa.gov | Linda.Despres@noaa.gov | Peter.Chase@noaa.gov |

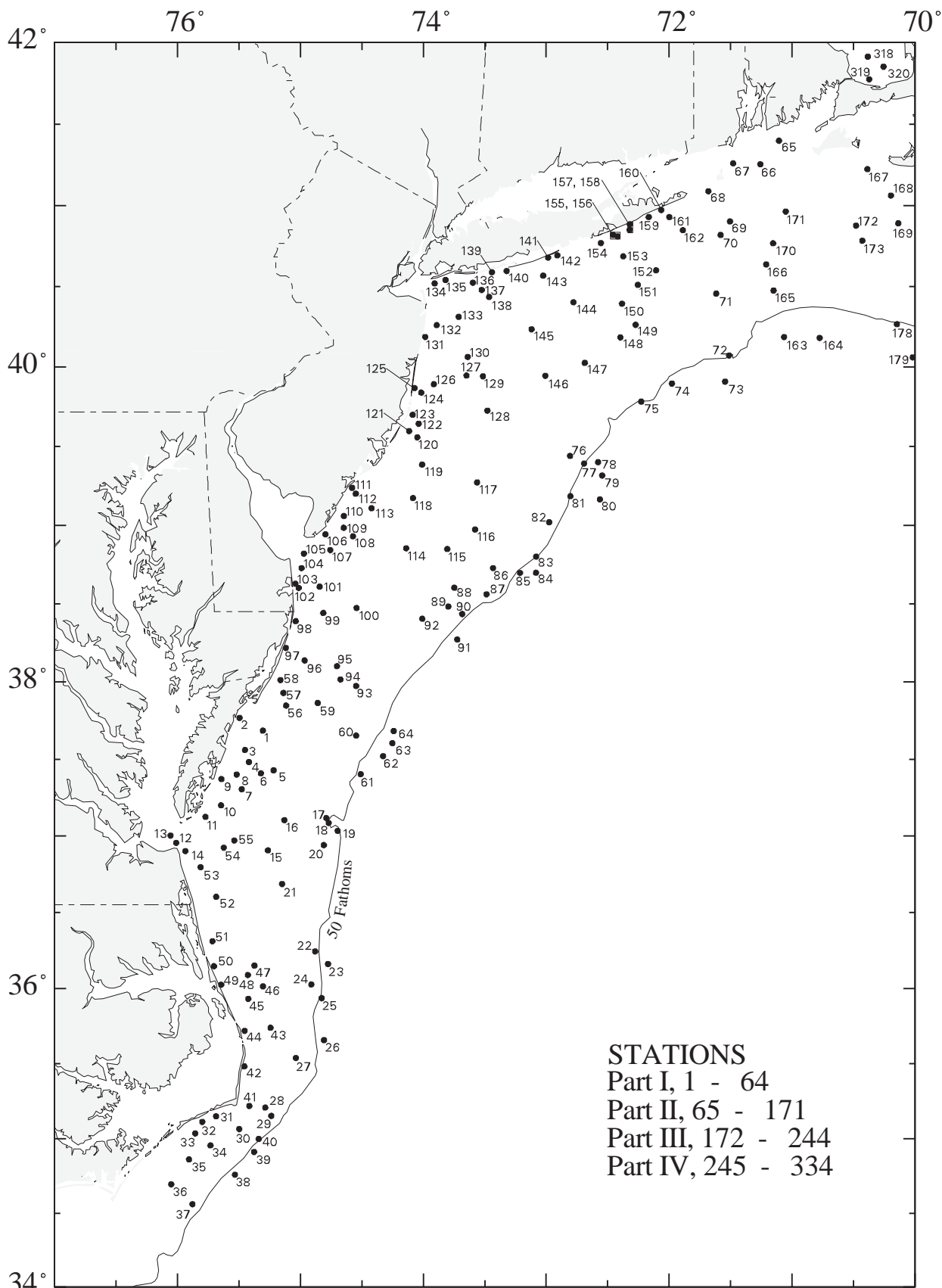


Figure 1. Trawl hauls made from R/V ALBATROSS IV (05 - 03), during NOAA Fisheries Service, Northeast Fisheries Science Center spring bottom trawl survey, March 2 - April 21, 2005.

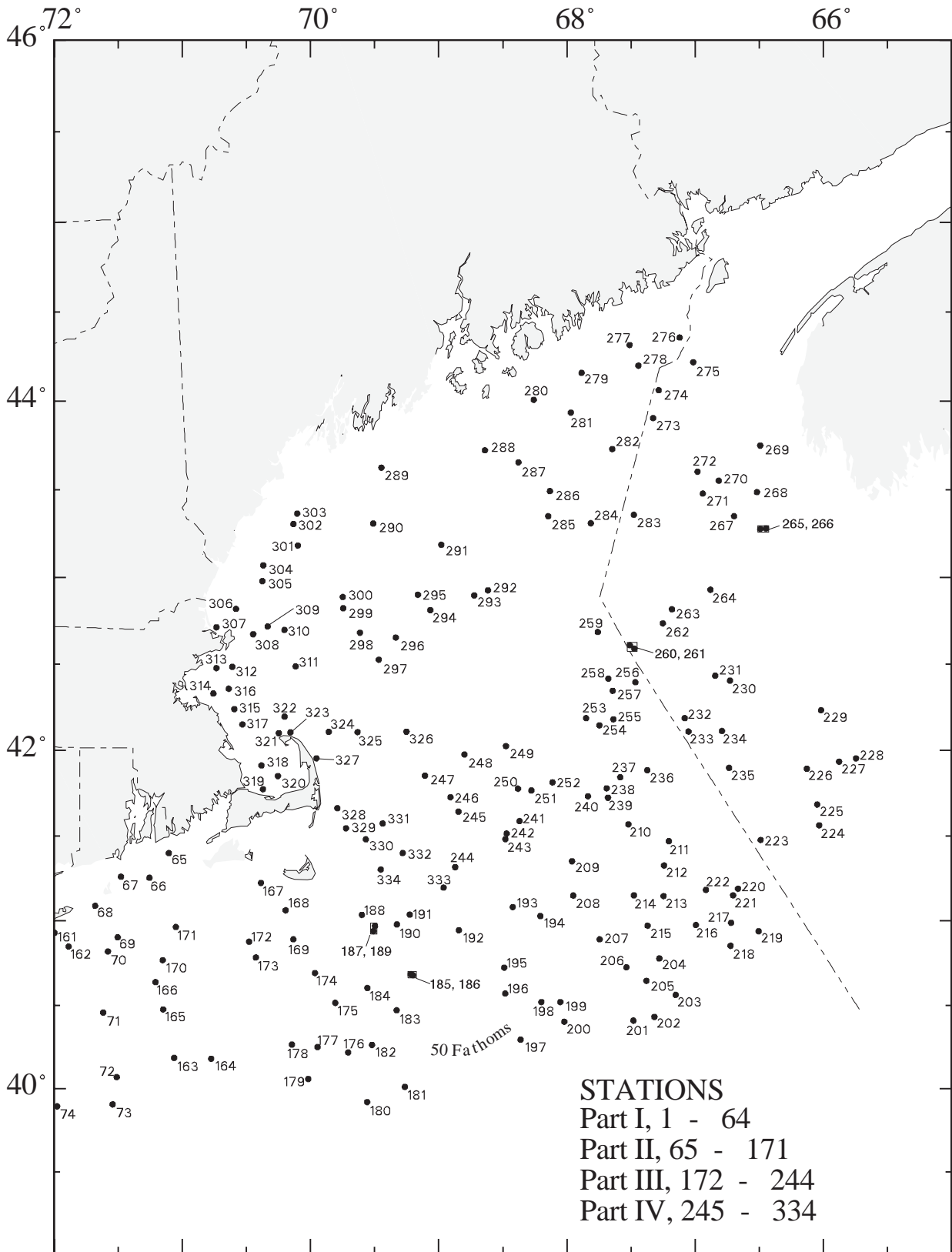


Figure 2. Trawl hauls made from R/V ALBATROSS IV (05 - 03), during NOAA Fisheries Service, Northeast Fisheries Science Center spring bottom trawl survey, March 2 - April 21, 2005.

NOAA Fisheries Service SPRING BOTTOM TRAWL SURVEY
2005 STATION INFORMATION

| Station | Date | Time | Lat | Lon | Loran TD's | | Course | Bottom Depth (FM) | Temp (F) |
|---------|--------|------|--------|--------|---------------|----------|--------|-------------------------|-------------|
| 0001 | Mar-04 | 0003 | 3741.1 | 7518.4 | X27078.8 | Y41862.8 | 222 | 9.8 | 40.1 |
| 0002 | Mar-04 | 0153 | 3746.0 | 7529.8 | X27141.4 | Y41902.7 | 031 | 6.3 | 38.3 |
| 0003 | Mar-04 | 0430 | 3733.6 | 7527.1 | X27105.1 | Y41764.4 | 036 | 8.5 | 38.5 |
| 0004 | Mar-04 | 0610 | 3728.9 | 7525.2 | X27087.6 | Y41714.3 | 104 | 12.8 | 39.4 |
| 0005 | Mar-04 | 0754 | 3725.7 | 7513.1 | X27027.3 | Y41697.9 | 020 | 16.1 | 41.2 |
| 0006 | Mar-04 | 0934 | 3724.5 | 7519.3 | X27053.2 | Y41674.2 | 230 | 15.3 | 40.6 |
| 0007 | Mar-04 | 1110 | 3718.3 | 7528.6 | X27084.3 | Y41588.5 | 341 | 12.0 | 39.7 |
| 0008 | Mar-04 | 1234 | 3724.0 | 7531.2 | X27105.6 | Y41649.0 | 174 | 9.8 | 38.8 |
| 0009 | Mar-04 | 1417 | 3722.3 | 7538.6 | X27135.1 | Y41616.7 | 198 | 6.3 | 38.7 |
| 0010 | Mar-04 | 1603 | 3712.0 | 7538.8 | X27117.4 | Y41499.4 | 189 | 6.8 | 38.8 |
| 0011 | Mar-04 | 1736 | 3707.5 | 7546.4 | X27141.6 | Y41434.2 | 185 | 5.7 | 39.8 |
| 0012 | Mar-04 | 2039 | 3657.4 | 7600.7 | X27182.5 | Y41291.2 | 021 | 11.5 | 39.7 |
| 0013 | Mar-04 | 2121 | 3700.2 | 7603.4 | X27198.9 | Y41318.9 | 135 | 5.7 | 40.1 |
| 0014 | Mar-05 | 0032 | 3654.1 | 7556.2 | X27158.4 | Y41262.5 | 137 | 8.2 | 40.3 |
| 0015 | Mar-05 | 0426 | 3654.4 | 7515.9 | X26990.6 | Y41347.2 | 231 | 17.2 | 41.4 |
| 0016 | Mar-05 | 0655 | 3706.2 | 7507.9 | X26973.1 | Y41492.6 | 086 | 19.1 | 42.6 |
| 0017 | Mar-05 | 0912 | 3707.1 | 7447.4 | X26882.8 | Y41541.6 | 180 | 36.1 | 47.0 |
| 0018 | Mar-05 | 1100 | 3705.2 | 7446.2 | X26875.3 | Y41523.6 | 128 | 52.5 | 53.4 |
| 0019 | Mar-05 | 1239 | 3702.1 | 7441.8 | X26851.7 | Y41499.7 | 218 | 45.7 | 52.9 |
| 0020 | Mar-05 | 1414 | 3656.5 | 7448.6 | X26875.0 | Y41426.8 | 211 | 31.2 | 50.3 |
| 0021 | Mar-05 | 1714 | 3641.2 | 7509.0 | X26943.1 | Y41219.8 | 159 | 18.3 | 41.5 |
| 0022 | Mar-05 | 2042 | 3614.6 | 7452.8 | X26845.9 | Y40985.2 | 179 | 41.8 | 53.3 |
| 0023 | Mar-05 | 2306 | 3609.6 | 7446.5 | X26815.6 | Y40953.1 | 008 | 146.3 | 51.4 |
| 0024 | Mar-06 | 0143 | 3601.5 | 7454.7 | X26840.2 | Y40850.1 | 176 | 42.7 | 55.2 |
| 0025 | Mar-06 | 0350 | 3556.1 | 7449.6 | X26815.2 | Y40812.3 | 204 | 82.3 | 55.4 |
| 0026 | Mar-06 | 0634 | 3539.4 | 7448.5 | X26796.1 | Y40659.0 | 341 | 76.0 | 55.4 |
| 0027 | Mar-06 | 1006 | 3532.3 | 7502.2 | X26841.0 | Y40547.1 | 199 | 21.9 | 54.2 |
| 0028 | Mar-06 | 1305 | 3512.5 | 7517.2 | X26876.7 | Y40313.0 | 164 | 12.8 | 57.5 |
| 0029 | Mar-06 | 1430 | 3509.1 | 7514.3 | X26863.3 | Y40294.6 | 237 | 22.7 | 61.9 |
| 0030 | Mar-06 | 1630 | 3503.8 | 7529.9 | X26912.7 | Y40188.0 | 281 | 14.5 | 51.7 |
| 0031 | Mar-06 | 1818 | 3508.9 | 7541.2 | X26956.9 | Y40190.1 | 246 | 10.4 | 48.5 |
| 0032 | Mar-06 | 1945 | 3506.7 | 7548.0 | X26977.6 | Y40143.4 | 246 | 9.6 | 50.1 |
| 0033 | Mar-06 | 2123 | 3502.1 | 7551.4 | X26984.4 | Y40087.5 | 144 | 12.0 | 56.0 |
| 0034 | Mar-06 | 2252 | 3457.3 | 7543.9 | X26954.0 | Y40074.1 | 214 | 14.2 | 56.4 |
| 0035 | Mar-07 | 0043 | 3451.7 | 7554.4 | X26983.2 | Y39981.7 | 216 | 15.9 | 54.6 |
| 0036 | Mar-07 | 0244 | 3441.6 | 7603.1 | X27001.1 | Y39858.3 | 133 | 19.4 | 64.4 |
| 0037 | Mar-07 | 0442 | 3433.6 | 7552.7 | X26959.3 | Y39838.9 | 056 | 30.6 | 67.2 |
| 0038 | Mar-07 | 0744 | 3445.5 | 7532.0 | X26902.4 | Y40024.1 | 225 | 89.7 | 54.4 |
| 0039 | Mar-07 | 1038 | 3454.7 | 7522.6 | X26879.2 | Y40137.9 | 221 | 87.2 | 54.3 |
| 0040 | Mar-07 | 1221 | 3459.9 | 7520.4 | X26876.2 | Y40191.3 | 219 | 48.1 | 61.7 |
| 0041 | Mar-07 | 1440 | 3513.1 | 7525.0 | X26904.6 | Y40289.7 | 355 | 11.8 | 47.6 |
| 0042 | Mar-07 | 1701 | 3528.9 | 7527.4 | X26929.4 | Y40428.7 | 018 | 6.8 | 43.8 |
| 0043 | Mar-07 | 1940 | 3544.3 | 7514.6 | X26898.8 | Y40620.7 | 300 | 19.4 | 46.1 |
| 0044 | Mar-07 | 2129 | 3543.1 | 7527.3 | X26944.5 | Y40568.0 | 322 | 12.3 | 43.1 |
| 0045 | Mar-07 | 2316 | 3555.8 | 7525.5 | X26952.4 | Y40701.5 | 043 | 11.5 | 43.4 |
| 0046 | Mar-08 | 0044 | 3600.8 | 7518.3 | X26931.0 | Y40773.3 | 333 | 16.1 | 43.9 |
| 0047 | Mar-08 | 0221 | 3609.0 | 7522.5 | X26956.8 | Y40846.2 | 214 | 16.1 | 44.0 |
| 0048 | Mar-08 | 0332 | 3605.3 | 7525.7 | X26964.7 | Y40798.4 | 211 | 15.0 | 43.4 |

NOAA Fisheries Service SPRING BOTTOM TRAWL SURVEY
2005 STATION INFORMATION

| Station | Date | Time | Lat | Lon | Loran TD's | | Course | Bottom Depth (FM) | Temp (F) |
|---------|--------|------|--------|--------|---------------|----------|--------|-------------------------|-------------|
| 0049 | Mar-08 | 0519 | 3601.5 | 7538.7 | X27009.6 | Y40721.3 | 338 | 6.8 | 41.9 |
| 0050 | Mar-08 | 0639 | 3608.8 | 7542.2 | X27032.7 | Y40789.2 | 331 | 9.6 | 41.5 |
| 0051 | Mar-08 | 0808 | 3618.6 | 7543.0 | X27049.2 | Y40894.4 | 023 | 11.2 | 42.1 |
| 0052 | Mar-08 | 1017 | 3636.2 | 7541.1 | X27067.9 | Y41091.2 | 347 | 7.9 | 42.3 |
| 0053 | Mar-08 | 2047 | 3647.8 | 7548.8 | X27117.3 | Y41205.2 | 330 | 9.6 | 40.5 |
| 0054 | Mar-08 | 2310 | 3655.5 | 7537.5 | X27083.5 | Y41314.7 | 316 | 10.7 | 40.6 |
| 0055 | Mar-09 | 0124 | 3658.3 | 7532.3 | X27066.5 | Y41356.4 | 306 | 13.1 | 41.0 |
| 0056 | Mar-09 | 0845 | 3750.8 | 7507.0 | X27042.3 | Y41988.4 | 042 | 13.1 | 39.8 |
| 0057 | Mar-09 | 1008 | 3755.7 | 7508.3 | X27057.9 | Y42041.4 | 323 | 8.5 | 39.3 |
| 0058 | Mar-09 | 1115 | 3800.7 | 7509.8 | X27074.6 | Y42096.1 | 030 | 9.8 | 39.0 |
| 0059 | Mar-09 | 1338 | 3751.8 | 7451.6 | X26968.3 | Y42020.2 | 124 | 17.8 | 40.7 |
| 0060 | Mar-09 | 1610 | 3739.2 | 7432.8 | X26856.8 | Y41909.7 | 171 | 33.9 | 53.0 |
| 0061 | Mar-09 | 1819 | 3724.1 | 7430.6 | X26826.8 | Y41753.4 | 179 | 61.2 | 52.8 |
| 0062 | Mar-09 | 2048 | 3731.2 | 7419.6 | X26782.6 | Y41845.6 | 215 | 128.2 | 45.7 |
| 0063 | Mar-10 | 0029 | 3736.2 | 7415.1 | X26766.0 | Y41905.4 | 223 | 182.9 | 44.3 |
| 0064 | Mar-10 | 0227 | 3740.9 | 7414.5 | X26768.3 | Y41955.5 | 028 | 73.5 | 53.0 |
| 0065 | Mar-15 | 1145 | 4124.0 | 7106.3 | X25635.9 | Y43942.3 | 234 | 13.4 | 34.2 |
| 0066 | Mar-15 | 1404 | 4115.3 | 7115.4 | X25694.9 | Y43895.1 | 298 | 19.1 | 35.6 |
| 0067 | Mar-15 | 1620 | 4115.6 | 7128.7 | X25815.6 | Y43917.3 | 275 | 23.5 | 35.9 |
| 0068 | Mar-15 | 1849 | 4105.3 | 7140.8 | X25903.4 | Y43859.5 | 067 | 17.5 | 36.6 |
| 0069 | Mar-15 | 2058 | 4054.2 | 7130.2 | X25795.8 | Y43761.1 | 207 | 31.7 | 38.1 |
| 0070 | Mar-15 | 2222 | 4049.2 | 7134.8 | X25831.3 | Y43728.6 | 182 | 35.5 | 38.4 |
| 0071 | Mar-16 | 0117 | 4027.4 | 7137.0 | X25843.8 | Y43560.5 | 172 | 42.9 | 39.4 |
| 0072 | Mar-16 | 0418 | 4004.2 | 7130.7 | X25808.3 | Y43368.9 | 182 | 50.6 | 53.7 |
| 0073 | Mar-16 | 0738 | 3954.4 | 7132.6 | X25830.8 | Y43289.8 | 252 | 138.9 | 47.8 |
| 0074 | Mar-16 | 1052 | 3953.7 | 7158.6 | X26015.3 | Y43298.3 | 231 | 56.6 | 51.3 |
| 0075 | Mar-16 | 1313 | 3946.9 | 7213.6 | X26123.8 | Y43246.9 | 252 | 51.7 | 51.0 |
| 0076 | Mar-16 | 1735 | 3926.4 | 7248.3 | X26359.6 | Y43071.0 | 112 | 38.8 | 47.0 |
| 0077 | Mar-16 | 1928 | 3923.5 | 7241.5 | X26311.8 | Y43043.3 | 067 | 53.0 | 49.4 |
| 0078 | Mar-16 | 2100 | 3924.0 | 7234.7 | X26266.3 | Y43046.9 | 197 | 65.3 | 49.1 |
| 0079 | Mar-16 | 2241 | 3919.0 | 7232.6 | X26251.7 | Y43000.1 | 190 | 75.2 | 52.9 |
| 0080 | Mar-17 | 0057 | 3909.9 | 7233.8 | X26257.7 | Y42916.2 | 251 | 161.9 | 43.7 |
| 0081 | Mar-17 | 0331 | 3911.1 | 7248.2 | X26350.9 | Y42926.8 | 214 | 50.0 | 50.8 |
| 0082 | Mar-17 | 0532 | 3901.2 | 7258.5 | X26412.5 | Y42831.2 | 198 | 45.4 | 50.7 |
| 0083 | Mar-17 | 0738 | 3848.1 | 7304.9 | X26444.2 | Y42701.9 | 220 | 56.3 | 50.5 |
| 0084 | Mar-17 | 1001 | 3841.9 | 7305.0 | X26441.5 | Y42641.6 | 218 | 106.4 | 52.1 |
| 0085 | Mar-17 | 1219 | 3841.9 | 7312.8 | X26488.1 | Y42637.3 | 224 | 57.7 | 49.8 |
| 0086 | Mar-17 | 1431 | 3843.7 | 7326.0 | X26568.3 | Y42649.0 | 199 | 39.6 | 48.5 |
| 0087 | Mar-17 | 1641 | 3833.7 | 7329.1 | X26578.0 | Y42546.1 | 291 | 42.9 | 50.6 |
| 0088 | Mar-17 | 1853 | 3836.2 | 7344.9 | X26672.5 | Y42561.3 | 194 | 32.3 | 45.2 |
| 0089 | Mar-17 | 2213 | 3829.0 | 7347.8 | X26681.2 | Y42485.2 | 103 | 35.3 | 45.6 |
| 0090 | Mar-17 | 2351 | 3826.1 | 7341.0 | X26639.4 | Y42461.1 | 214 | 46.2 | 49.6 |
| 0091 | Mar-18 | 0152 | 3816.3 | 7343.4 | X26643.0 | Y42358.9 | 239 | 63.2 | 51.5 |
| 0092 | Mar-18 | 0425 | 3824.3 | 7400.5 | X26747.4 | Y42426.1 | 223 | 33.4 | 43.6 |
| 0093 | Mar-18 | 0814 | 3758.4 | 7432.8 | X26884.1 | Y42116.6 | 287 | 22.1 | 42.8 |
| 0094 | Mar-18 | 0933 | 3800.9 | 7440.5 | X26927.4 | Y42134.3 | 337 | 17.8 | 41.4 |
| 0095 | Mar-18 | 1044 | 3806.0 | 7442.2 | X26944.7 | Y42188.3 | 285 | 15.6 | 40.9 |
| 0096 | Mar-18 | 1230 | 3808.2 | 7458.0 | X27029.8 | Y42194.8 | 309 | 11.2 | 40.0 |

NOAA Fisheries Service SPRING BOTTOM TRAWL SUR
2005 STATION INFORMATION

| Station | Date | Time | Lat | Lon | Loran TD's | | Course | Bottom Depth (FM) | Temp (F) |
|---------|--------|------|--------|--------|---------------|----------|--------|-------------------------|-------------|
| 0097 | Mar-18 | 1404 | 3813.1 | 7507.1 | X27086.2 | Y42239.1 | 018 | 7.4 | 39.9 |
| 0098 | Mar-18 | 1557 | 3823.4 | 7502.3 | X27082.8 | Y42360.5 | 025 | 7.4 | 39.7 |
| 0099 | Mar-18 | 1745 | 3826.5 | 7448.8 | X27017.6 | Y42408.5 | 177 | 12.8 | 39.6 |
| 0100 | Mar-18 | 2006 | 3828.4 | 7432.6 | X26932.5 | Y42443.7 | 307 | 18.6 | 40.1 |
| 0101 | Mar-18 | 2219 | 3836.6 | 7450.7 | X27048.1 | Y42519.5 | 307 | 14.5 | 39.4 |
| 0102 | Mar-18 | 2355 | 3836.1 | 7500.9 | X27102.9 | Y42506.3 | 003 | 7.7 | 39.5 |
| 0103 | Mar-19 | 0116 | 3837.8 | 7502.5 | X27115.3 | Y42523.7 | 027 | 7.4 | 39.8 |
| 0104 | Mar-19 | 0229 | 3843.7 | 7459.5 | X27112.5 | Y42593.1 | 037 | 11.2 | 39.4 |
| 0105 | Mar-19 | 0347 | 3849.2 | 7458.3 | X27119.1 | Y42656.4 | 052 | 6.6 | 39.5 |
| 0106 | Mar-19 | 0549 | 3856.6 | 7447.8 | X27076.8 | Y42745.4 | 059 | 7.1 | 39.0 |
| 0107 | Mar-19 | 0723 | 3850.6 | 7445.4 | X27049.3 | Y42679.3 | 052 | 10.1 | 38.8 |
| 0108 | Mar-19 | 0907 | 3855.8 | 7434.4 | X26996.4 | Y42743.4 | 063 | 9.8 | 38.8 |
| 0109 | Mar-19 | 1035 | 3859.1 | 7438.9 | X27030.0 | Y42777.2 | 014 | 6.8 | 39.1 |
| 0110 | Mar-19 | 1140 | 3903.5 | 7438.8 | X27039.7 | Y42826.8 | 001 | 7.9 | 38.5 |
| 0111 | Mar-19 | 1323 | 3914.3 | 7434.8 | X27040.4 | Y42946.8 | 051 | 5.7 | 39.6 |
| 0112 | Mar-19 | 1442 | 3912.0 | 7433.0 | X27024.3 | Y42922.3 | 138 | 9.8 | 38.5 |
| 0113 | Mar-19 | 1607 | 3906.5 | 7425.3 | X26964.4 | Y42864.1 | 136 | 13.7 | 38.6 |
| 0114 | Mar-19 | 1838 | 3851.3 | 7408.4 | X26832.9 | Y42706.6 | 092 | 23.8 | 40.1 |
| 0115 | Mar-19 | 2048 | 3851.0 | 7348.3 | X26711.5 | Y42712.6 | 068 | 24.3 | 40.7 |
| 0116 | Mar-19 | 2240 | 3858.5 | 7334.7 | X26637.4 | Y42794.5 | 003 | 28.2 | 41.4 |
| 0117 | Mar-20 | 0106 | 3916.3 | 7333.7 | X26653.8 | Y42976.1 | 258 | 27.1 | 40.6 |
| 0118 | Mar-20 | 0407 | 3910.4 | 7405.1 | X26846.5 | Y42910.6 | 018 | 14.2 | 39.0 |
| 0119 | Mar-20 | 0601 | 3923.1 | 7400.6 | X26841.8 | Y43045.2 | 351 | 13.7 | 38.7 |
| 0120 | Mar-20 | 0741 | 3933.4 | 7402.9 | X26878.1 | Y43153.7 | 020 | 12.0 | 38.1 |
| 0121 | Mar-20 | 0857 | 3935.8 | 7407.0 | X26910.5 | Y43179.3 | 021 | 9.3 | 38.8 |
| 0122 | Mar-20 | 1017 | 3938.5 | 7402.3 | X26884.7 | Y43207.6 | 014 | 10.9 | 38.2 |
| 0123 | Mar-20 | 1130 | 3941.9 | 7405.2 | X26912.2 | Y43243.5 | 026 | 8.5 | 38.5 |
| 0124 | Mar-20 | 1259 | 3950.3 | 7401.0 | X26902.4 | Y43329.8 | 016 | 10.4 | 37.9 |
| 0125 | Mar-20 | 1410 | 3952.0 | 7404.3 | X26929.6 | Y43348.7 | 000 | 6.6 | 38.4 |
| 0126 | Mar-20 | 1547 | 3953.4 | 7354.9 | X26866.2 | Y43359.8 | 011 | 12.3 | 38.2 |
| 0127 | Mar-20 | 1744 | 3956.7 | 7338.9 | X26757.5 | Y43384.3 | 150 | 16.7 | 39.6 |
| 0128 | Mar-20 | 1952 | 3943.5 | 7328.7 | X26660.0 | Y43247.9 | 351 | 21.9 | 40.0 |
| 0129 | Mar-20 | 2158 | 3956.4 | 7330.9 | X26698.1 | Y43377.1 | 323 | 20.8 | 40.1 |
| 0130 | Mar-20 | 2334 | 4003.7 | 7338.3 | X26767.6 | Y43454.1 | 293 | 19.7 | 39.7 |
| 0131 | Mar-21 | 0147 | 4011.1 | 7359.1 | X26940.0 | Y43544.1 | 056 | 10.1 | 38.8 |
| 0132 | Mar-21 | 0305 | 4015.6 | 7353.5 | X26909.3 | Y43584.4 | 068 | 14.2 | 38.7 |
| 0133 | Mar-21 | 0447 | 4018.7 | 7342.7 | X26834.9 | Y43606.1 | 322 | 14.5 | 38.8 |
| 0134 | Mar-21 | 0732 | 4031.1 | 7354.5 | X26959.2 | Y43741.4 | 059 | 6.0 | 39.4 |
| 0135 | Mar-21 | 0829 | 4032.4 | 7349.2 | X26921.0 | Y43748.1 | 062 | 7.4 | 38.6 |
| 0136 | Mar-21 | 0959 | 4031.4 | 7335.8 | X26812.2 | Y43723.3 | 081 | 10.4 | 38.7 |
| 0137 | Mar-21 | 1106 | 4028.7 | 7331.5 | X26771.4 | Y43692.7 | 088 | 11.5 | 38.9 |
| 0138 | Mar-21 | 1216 | 4026.1 | 7327.8 | X26736.3 | Y43663.7 | 077 | 14.2 | 38.2 |
| 0139 | Mar-21 | 1401 | 4035.3 | 7326.5 | X26747.6 | Y43749.5 | 069 | 6.6 | 38.8 |
| 0140 | Mar-21 | 1510 | 4035.8 | 7319.3 | X26690.2 | Y43745.2 | 084 | 9.6 | 38.3 |
| 0141 | Mar-21 | 1721 | 4040.8 | 7259.0 | X26534.0 | Y43765.6 | 060 | 6.3 | 37.1 |
| 0142 | Mar-21 | 1834 | 4041.6 | 7254.5 | X26498.2 | Y43767.1 | 237 | 10.7 | 37.2 |
| 0143 | Mar-21 | 2014 | 4034.0 | 7301.5 | X26540.7 | Y43708.3 | 126 | 14.8 | 37.1 |
| 0144 | Mar-21 | 2221 | 4024.1 | 7246.7 | X26403.0 | Y43602.8 | 238 | 24.9 | 38.4 |

NOAA Fisheries Service SPRING BOTTOM TRAWL SURVEY
2005 STATION INFORMATION

| Station | Date | Time | Lat | Lon | Loran TD's | | Course | Bottom Depth (FM) | Temp (F) |
|---------|--------|------|--------|--------|---------------|----------|--------|-------------------------|-------------|
| 0145 | Mar-22 | 0053 | 4014.0 | 7307.1 | X26549.5 | Y43529.7 | 165 | 23.5 | 38.4 |
| 0146 | Mar-22 | 0330 | 3956.6 | 7300.4 | X26472.9 | Y43361.1 | 090 | 28.4 | 40.0 |
| 0147 | Mar-22 | 0549 | 4001.4 | 7241.2 | X26333.5 | Y43393.4 | 055 | 33.1 | 42.4 |
| 0148 | Mar-22 | 0809 | 4011.0 | 7223.8 | X26207.8 | Y43465.6 | 058 | 36.6 | 42.1 |
| 0149 | Mar-22 | 1000 | 4015.7 | 7216.3 | X26152.7 | Y43500.4 | 320 | 32.5 | 41.4 |
| 0150 | Mar-22 | 1147 | 4023.6 | 7223.0 | X26211.7 | Y43574.3 | 031 | 30.1 | 40.9 |
| 0151 | Mar-22 | 1337 | 4030.6 | 7215.2 | X26155.1 | Y43626.0 | 064 | 30.9 | 40.0 |
| 0152 | Mar-22 | 1530 | 4036.0 | 7206.3 | X26087.0 | Y43661.3 | 297 | 28.7 | 38.3 |
| 0153 | Mar-22 | 1721 | 4041.2 | 7222.4 | X26227.5 | Y43723.5 | 302 | 21.6 | 38.1 |
| 0154 | Mar-22 | 1905 | 4046.2 | 7233.3 | X26327.6 | Y43779.0 | 040 | 13.1 | 37.5 |
| 0155 | Mar-22 | 2011 | 4049.2 | 7227.3 | X26282.3 | Y43796.6 | 068 | 10.9 | 37.9 |
| 0156 | Mar-22 | 2117 | 4048.6 | 7225.2 | X26262.8 | Y43789.0 | 066 | 14.2 | 37.7 |
| 0157 | Mar-22 | 2219 | 4051.0 | 7219.3 | X26216.1 | Y43801.0 | 062 | 13.1 | 37.7 |
| 0158 | Mar-22 | 2319 | 4053.1 | 7219.2 | X26218.8 | Y43817.8 | 069 | 6.8 | 38.2 |
| 0159 | Mar-23 | 0050 | 4055.8 | 7209.9 | X26143.4 | Y43826.6 | 062 | 9.6 | 37.3 |
| 0160 | Mar-23 | 0158 | 4058.4 | 7203.8 | X26094.6 | Y43838.7 | 064 | 7.1 | 36.8 |
| 0161 | Mar-23 | 0317 | 4055.8 | 7159.8 | X26055.4 | Y43812.5 | 065 | 15.9 | 37.5 |
| 0162 | Mar-23 | 0450 | 4050.9 | 7153.2 | X25991.3 | Y43765.4 | 051 | 22.7 | 39.0 |
| 0163 | Mar-23 | 1206 | 4011.1 | 7103.8 | X25610.1 | Y43405.0 | 083 | 72.5 | 49.7 |
| 0164 | Mar-23 | 1427 | 4010.8 | 7046.5 | X25495.5 | Y43390.2 | 304 | 70.3 | 51.2 |
| 0165 | Mar-23 | 1717 | 4028.5 | 7108.9 | X25623.7 | Y43542.5 | 313 | 42.7 | 38.4 |
| 0166 | Mar-23 | 1921 | 4038.2 | 7112.5 | X25644.0 | Y43619.9 | 068 | 34.7 | 37.0 |
| 0167 | Mar-24 | 0415 | 4113.5 | 7023.2 | X25219.6 | Y43812.0 | 070 | 16.1 | 36.5 |
| 0168 | Mar-24 | 0647 | 4103.8 | 7011.6 | X25126.9 | Y43733.7 | 075 | 14.8 | 37.3 |
| 0169 | Mar-24 | 0923 | 4053.5 | 7008.0 | X25136.0 | Y43660.9 | 094 | 14.8 | 37.8 |
| 0170 | Mar-24 | 2028 | 4046.0 | 7109.2 | X25613.5 | Y43675.0 | 061 | 32.8 | 37.6 |
| 0171 | Mar-24 | 2238 | 4057.8 | 7103.0 | X25561.8 | Y43753.9 | 015 | 27.3 | 36.4 |
| 0172 | Mar-29 | 1829 | 4052.6 | 7028.7 | X25280.2 | Y43677.1 | 158 | 29.0 | 37.1 |
| 0173 | Mar-29 | 1957 | 4047.0 | 7025.6 | X25270.0 | Y43634.9 | 149 | 28.2 | 38.1 |
| 0174 | Mar-29 | 2320 | 4041.5 | 6957.9 | W14082.9 | Y43570.1 | 346 | 24.3 | 39.9 |
| 0175 | Mar-30 | 0237 | 4030.8 | 6948.4 | W14070.1 | Y43489.8 | 012 | 37.7 | 40.4 |
| 0176 | Mar-30 | 0607 | 4013.1 | 6942.4 | W14098.1 | Y43364.7 | 341 | 46.2 | 40.7 |
| 0177 | Mar-30 | 0843 | 4015.0 | 6956.7 | W14165.2 | Y43387.3 | 346 | 49.2 | 41.5 |
| 0178 | Mar-30 | 1049 | 4015.9 | 7008.7 | X25267.9 | Y43401.4 | 341 | 50.6 | 42.7 |
| 0179 | Mar-30 | 1432 | 4003.5 | 7001.0 | X25272.7 | Y43308.8 | 032 | 79.8 | 50.3 |
| 0180 | Mar-30 | 2122 | 3955.2 | 6933.5 | W14110.2 | Y43237.3 | 087 | 156.7 | 44.3 |
| 0181 | Mar-31 | 0035 | 4000.7 | 6915.8 | W14006.8 | Y43266.7 | 042 | 79.3 | 49.2 |
| 0182 | Mar-31 | 0416 | 4015.8 | 6931.2 | W14033.0 | Y43376.2 | 039 | 42.4 | 40.1 |
| 0183 | Mar-31 | 0651 | 4028.2 | 6919.7 | W13932.3 | Y43450.8 | 323 | 36.9 | 40.4 |
| 0184 | Mar-31 | 0901 | 4036.1 | 6933.3 | W13973.2 | Y43513.2 | 308 | 32.3 | 40.3 |
| 0185 | Mar-31 | 1221 | 4041.0 | 6913.1 | W13851.7 | Y43528.6 | 052 | 29.5 | 40.6 |
| 0186 | Mar-31 | 1317 | 4040.7 | 6912.0 | W13847.7 | Y43525.6 | 043 | 36.6 | |
| 0187 | Mar-31 | 1654 | 4056.4 | 6930.5 | W13882.1 | Y43642.3 | 096 | 17.5 | 40.1 |
| 0188 | Mar-31 | 1900 | 4102.2 | 6936.0 | W13888.0 | Y43684.4 | 135 | 20.0 | 39.6 |
| 0189 | Mar-31 | 2046 | 4058.2 | 6929.9 | W13871.4 | Y43653.2 | 088 | 24.3 | 40.4 |
| 0190 | Mar-31 | 2243 | 4058.8 | 6919.6 | W13815.7 | Y43646.6 | 040 | 27.1 | 40.4 |
| 0191 | Apr-01 | 0027 | 4102.2 | 6913.5 | W13770.5 | Y43662.2 | 158 | 34.2 | 40.4 |
| 0192 | Apr-01 | 0307 | 4056.7 | 6850.6 | W13677.6 | Y43607.2 | 186 | 39.4 | 39.5 |

NOAA Fisheries Service SPRING BOTTOM TRAWL SURVEY
2005 STATION INFORMATION

| Station | Date | Time | Lat | Lon | Loran TD's | | Course | Bottom Depth (FM) | Temp (F) |
|---------|--------|------|--------|--------|---------------|----------|--------|-------------------------|-------------|
| 0193 | Apr-01 | 0647 | 4104.9 | 6825.3 | W13520.7 | Y43633.8 | 241 | 27.1 | 39.5 |
| 0194 | Apr-01 | 0924 | 4101.7 | 6812.4 | W13474.3 | Y43604.3 | 260 | 25.4 | 39.5 |
| 0195 | Apr-01 | 1345 | 4043.4 | 6829.3 | W13629.3 | Y43509.8 | 057 | 32.5 | 39.0 |
| 0196 | Apr-01 | 1600 | 4034.2 | 6828.9 | W13663.6 | Y43453.8 | 168 | 45.4 | 38.9 |
| 0197 | Apr-01 | 1844 | 4017.6 | 6821.7 | W13693.3 | Y43348.7 | 027 | 77.4 | 47.2 |
| 0198 | Apr-01 | 2124 | 4031.1 | 6811.9 | W13597.7 | Y43424.7 | 087 | 58.8 | 41.4 |
| 0199 | Apr-01 | 2257 | 4031.1 | 6803.1 | W13557.9 | Y43419.4 | 086 | 60.1 | 41.8 |
| 0200 | Apr-02 | 0044 | 4024.1 | 6801.2 | W13577.0 | Y43376.8 | 105 | 77.6 | 48.0 |
| 0201 | Apr-02 | 0543 | 4024.5 | 6728.9 | W13436.5 | Y43362.4 | 223 | 124.7 | 47.0 |
| 0202 | Apr-02 | 0851 | 4025.8 | 6719.1 | W13390.6 | Y43365.2 | 245 | 204.0 | 45.2 |
| 0203 | Apr-02 | 1213 | 4033.7 | 6709.1 | W13318.3 | Y43404.2 | 041 | 93.8 | 52.6 |
| 0204 | Apr-02 | 1434 | 4046.7 | 6716.8 | W13295.7 | Y43480.0 | 200 | 52.2 | 40.9 |
| 0205 | Apr-02 | 1620 | 4038.7 | 6722.8 | W13353.9 | Y43439.4 | 309 | 52.2 | 45.2 |
| 0206 | Apr-02 | 1753 | 4043.5 | 6732.2 | W13373.2 | Y43472.0 | 303 | 46.8 | 40.4 |
| 0207 | Apr-02 | 2015 | 4053.5 | 6744.7 | W13385.2 | Y43536.2 | 339 | 36.1 | 39.2 |
| 0208 | Apr-02 | 2316 | 4109.0 | 6757.0 | W13372.2 | Y43632.8 | 120 | 25.7 | 39.5 |
| 0209 | Apr-03 | 0302 | 4121.1 | 6757.6 | W13319.7 | Y43700.4 | 094 | 20.2 | 40.2 |
| 0210 | Apr-03 | 1032 | 4134.1 | 6731.2 | W13141.8 | Y43745.9 | 151 | 27.6 | 39.9 |
| 0211 | Apr-03 | 2009 | 4128.2 | 6712.3 | W13090.9 | Y43698.3 | 319 | 29.3 | 39.5 |
| 0212 | Apr-03 | 2341 | 4119.6 | 6714.5 | W13140.6 | Y43655.4 | 357 | 27.1 | 39.4 |
| 0213 | Apr-04 | 0509 | 4108.8 | 6714.8 | W13191.1 | Y43598.3 | 327 | 32.3 | 38.9 |
| 0214 | Apr-04 | 0736 | 4109.1 | 6728.6 | W13247.6 | Y43610.4 | 330 | 28.4 | 39.2 |
| 0215 | Apr-04 | 1059 | 4058.3 | 6722.2 | W13268.3 | Y43547.3 | 218 | 41.3 | 39.1 |
| 0216 | Apr-04 | 1522 | 4058.5 | 6659.7 | W13175.4 | Y43533.2 | 208 | 43.5 | 39.7 |
| 0217 | Apr-04 | 1846 | 4059.3 | 6643.2 | W13107.3 | Y43526.8 | 161 | 47.0 | 41.0 |
| 0218 | Apr-04 | 2105 | 4051.2 | 6643.4 | W13143.9 | Y43484.2 | 204 | 68.9 | 49.2 |
| 0219 | Apr-05 | 0104 | 4056.3 | 6630.2 | W13071.8 | Y43503.3 | 220 | 142.4 | 47.9 |
| 0220 | Apr-05 | 0447 | 4111.4 | 6640.0 | W13041.3 | Y43587.1 | 238 | 43.2 | 39.5 |
| 0221 | Apr-05 | 0645 | 4109.1 | 6642.2 | W13060.5 | Y43576.5 | 226 | 42.7 | 40.0 |
| 0222 | Apr-05 | 0854 | 4111.0 | 6654.9 | W13101.1 | Y43595.5 | 048 | 38.8 | 38.9 |
| 0223 | Apr-05 | 1228 | 4128.6 | 6629.3 | W12921.7 | Y43665.9 | 062 | 50.9 | 38.8 |
| 0224 | Apr-05 | 1550 | 4133.8 | 6601.9 | W12799.7 | Y43670.6 | 084 | 61.5 | 42.2 |
| 0225 | Apr-05 | 1724 | 4141.1 | 6602.9 | W12768.1 | Y43706.0 | 020 | 53.6 | 41.1 |
| 0226 | Apr-05 | 1932 | 4153.6 | 6607.7 | W12723.2 | Y43768.8 | 076 | 51.4 | 40.0 |
| 0227 | Apr-05 | 2147 | 4156.1 | 6552.6 | W12660.4 | Y43768.0 | 163 | 71.4 | 42.6 |
| 0228 | Apr-06 | 0012 | 4157.2 | 6544.7 | W12629.2 | Y43766.8 | 325 | 131.0 | 45.1 |
| 0229 | Apr-06 | 0334 | 4214.0 | 6601.1 | W12597.2 | Y43856.8 | 291 | 135.6 | 46.6 |
| 0230 | Apr-06 | 0815 | 4224.3 | 6643.7 | W12691.8 | Y43944.7 | 309 | 189.5 | 45.8 |
| 0231 | Apr-06 | 1005 | 4226.0 | 6650.6 | W12708.3 | Y43959.8 | 244 | 193.6 | 45.7 |
| 0232 | Apr-06 | 1346 | 4211.2 | 6704.9 | W12843.8 | Y43905.6 | 087 | 94.1 | 46.7 |
| 0233 | Apr-06 | 1516 | 4206.6 | 6703.1 | W12861.5 | Y43881.5 | 129 | 33.6 | 40.4 |
| 0234 | Apr-06 | 1719 | 4206.8 | 6647.5 | W12799.5 | Y43866.8 | 137 | 38.0 | 40.1 |
| 0235 | Apr-06 | 1950 | 4153.9 | 6644.1 | W12852.9 | Y43802.0 | 242 | 38.8 | 39.3 |
| 0236 | Apr-06 | 2344 | 4153.1 | 6722.4 | W13010.0 | Y43834.6 | 337 | 24.1 | 40.2 |
| 0237 | Apr-07 | 0141 | 4150.7 | 6735.0 | W13076.4 | Y43835.0 | 337 | 23.2 | 40.8 |
| 0238 | Apr-07 | 0333 | 4146.8 | 6741.4 | W13123.7 | Y43821.5 | 331 | 18.3 | 40.8 |
| 0239 | Apr-07 | 0554 | 4143.5 | 6740.8 | W13137.5 | Y43803.7 | 145 | 28.4 | 41.0 |
| 0240 | Apr-07 | 0833 | 4144.0 | 6750.2 | W13176.5 | Y43816.0 | 176 | 17.0 | 41.1 |

NOAA Fisheries Service SPRING BOTTOM TRAWL SURVEY
2005 STATION INFORMATION

| Station | Date | Time | Lat | Lon | Loran TD's | | Course | Bottom Depth (FM) | Temp (F) |
|---------|--------|------|--------|--------|---------------|----------|--------|-------------------------|-------------|
| 0241 | Apr-07 | 1247 | 4135.3 | 6822.2 | W13367.7 | Y43802.6 | 019 | 12.8 | 40.7 |
| 0242 | Apr-07 | 1436 | 4130.9 | 6828.2 | W13417.4 | Y43784.7 | 337 | 45.7 | 40.5 |
| 0243 | Apr-07 | 1602 | 4128.9 | 6828.8 | W13429.3 | Y43774.2 | 176 | 46.5 | 40.5 |
| 0244 | Apr-07 | 1914 | 4119.0 | 6852.3 | W13590.5 | Y43741.9 | 207 | 69.4 | 40.0 |
| 0245 | Apr-11 | 2346 | 4138.6 | 6850.8 | W13492.7 | Y43853.0 | 284 | 70.3 | 40.3 |
| 0246 | Apr-12 | 0116 | 4143.6 | 6854.5 | W13487.7 | Y43885.8 | 302 | 92.7 | 40.3 |
| 0247 | Apr-12 | 0341 | 4151.2 | 6906.4 | W13513.1 | Y43943.0 | 043 | 100.1 | 41.7 |
| 0248 | Apr-12 | 0635 | 4158.6 | 6847.9 | W13379.9 | Y43960.0 | 077 | 73.3 | 39.9 |
| 0249 | Apr-12 | 0927 | 4201.5 | 6828.5 | W13267.6 | Y43951.4 | 163 | 92.7 | 43.2 |
| 0250 | Apr-12 | 1205 | 4146.6 | 6822.9 | W13315.8 | Y43865.4 | 062 | 101.7 | 45.1 |
| 0251 | Apr-12 | 1337 | 4146.0 | 6816.6 | W13288.9 | Y43854.9 | 076 | 45.9 | 40.7 |
| 0252 | Apr-12 | 1617 | 4148.9 | 6806.7 | W13227.9 | Y43859.2 | 046 | 40.7 | 40.6 |
| 0253 | Apr-12 | 2006 | 4211.2 | 6751.0 | W13039.6 | Y43956.4 | 154 | 121.1 | 46.6 |
| 0254 | Apr-12 | 2200 | 4208.8 | 6744.8 | W13024.9 | Y43936.9 | 160 | 108.0 | 46.7 |
| 0255 | Apr-12 | 2351 | 4210.9 | 6738.3 | W12985.1 | Y43939.8 | 315 | 109.1 | 45.3 |
| 0256 | Apr-13 | 0504 | 4223.8 | 6728.0 | W12870.5 | Y43990.6 | 137 | 173.6 | 45.6 |
| 0257 | Apr-13 | 0742 | 4220.8 | 6738.6 | W12932.4 | Y43988.7 | 322 | 132.6 | 46.3 |
| 0258 | Apr-13 | 0952 | 4225.0 | 6740.6 | W12918.0 | Y44011.4 | 340 | 129.6 | 46.1 |
| 0259 | Apr-13 | 1236 | 4241.1 | 6745.6 | W12848.0 | Y44093.6 | 111 | 100.1 | 44.7 |
| 0260 | Apr-13 | 1438 | 4236.5 | 6730.5 | W12809.3 | Y44053.7 | 152 | 128.8 | 46.2 |
| 0261 | Apr-13 | 1632 | 4235.4 | 6728.5 | W12807.2 | Y44046.0 | 037 | 130.7 | 46.4 |
| 0262 | Apr-13 | 1906 | 4244.2 | 6715.1 | W12701.7 | Y44070.0 | 061 | 119.5 | 46.8 |
| 0263 | Apr-13 | 2047 | 4249.0 | 6710.8 | W12656.3 | Y44086.4 | 057 | 120.0 | 46.0 |
| 0264 | Apr-13 | 2303 | 4255.7 | 6652.8 | W12547.5 | Y44094.8 | 058 | 96.8 | 45.6 |
| 0265 | Apr-14 | 0231 | 4316.6 | 6629.5 | W12340.9 | Y44155.2 | 248 | 36.6 | 36.6 |
| 0266 | Apr-14 | 0456 | 4316.7 | 6626.9 | W12331.4 | Y44152.7 | 313 | 33.9 | 37.0 |
| 0267 | Apr-14 | 0805 | 4321.0 | 6641.8 | W12355.6 | Y44187.5 | 013 | 66.7 | 41.0 |
| 0268 | Apr-14 | 1008 | 4329.1 | 6631.1 | W12269.4 | Y44207.4 | 009 | 59.1 | 38.6 |
| 0269 | Apr-14 | 1225 | 4345.0 | 6629.5 | W12165.2 | Y44267.1 | 351 | 47.0 | 38.0 |
| 0270 | Apr-14 | 1528 | 4333.1 | 6649.0 | W12304.9 | Y44244.8 | 220 | 80.1 | 40.9 |
| 0271 | Apr-14 | 1704 | 4328.7 | 6656.4 | W12359.1 | Y44236.7 | 272 | 111.8 | 42.7 |
| 0272 | Apr-14 | 1928 | 4336.1 | 6658.8 | W12320.1 | Y44269.5 | 297 | 99.0 | 41.2 |
| 0273 | Apr-14 | 2246 | 4354.3 | 6719.6 | W12276.3 | Y44367.5 | 357 | 119.8 | 43.9 |
| 0274 | Apr-15 | 0045 | 4403.7 | 6717.0 | W12201.8 | Y44399.1 | 036 | 97.9 | 43.2 |
| 0275 | Apr-15 | 0313 | 4413.2 | 6700.9 | W12079.4 | Y44411.4 | 045 | 91.6 | 40.4 |
| 0276 | Apr-15 | 0524 | 4421.5 | 6707.2 | W12042.6 | Y44449.4 | 264 | 83.9 | 42.4 |
| 0277 | Apr-15 | 0810 | 4419.0 | 6730.7 | W12145.6 | Y44473.1 | 035 | 54.1 | 39.5 |
| 0278 | Apr-15 | 1046 | 4412.0 | 6726.5 | W12179.5 | Y44442.5 | 206 | 122.8 | 43.8 |
| 0279 | Apr-15 | 1335 | 4409.6 | 6753.2 | W12305.6 | Y44471.9 | 220 | 54.4 | 38.8 |
| 0280 | Apr-15 | 1621 | 4400.5 | 6815.5 | W12472.7 | Y44471.7 | 070 | 56.3 | 38.5 |
| 0281 | Apr-15 | 1838 | 4356.2 | 6758.2 | W12423.0 | Y44429.2 | 066 | 86.1 | 41.4 |
| 0282 | Apr-15 | 2208 | 4343.8 | 6738.8 | W12424.2 | Y44353.4 | 159 | 129.6 | 44.1 |
| 0283 | Apr-16 | 0140 | 4321.4 | 6728.7 | W12529.6 | Y44248.9 | 223 | 103.9 | 42.9 |
| 0284 | Apr-16 | 0437 | 4318.5 | 6748.8 | W12633.8 | Y44264.1 | 261 | 123.3 | 43.9 |
| 0285 | Apr-16 | 0704 | 4320.9 | 6808.7 | W12709.2 | Y44302.5 | 003 | 112.4 | 43.6 |
| 0286 | Apr-16 | 0950 | 4329.5 | 6808.0 | W12649.4 | Y44337.5 | 017 | 103.6 | 43.5 |
| 0287 | Apr-16 | 1216 | 4339.3 | 6822.7 | W12654.4 | Y44399.5 | 233 | 97.9 | 42.2 |
| 0288 | Apr-16 | 1529 | 4343.4 | 6838.4 | W12705.6 | Y44440.4 | 335 | 62.9 | 38.8 |

NOAA Fisheries Service SPRING BOTTOM TRAWL SURVEY
2005 STATION INFORMATION

| Station | Date | Time | Lat | Lon | Loran TD's | | Course | Bottom Depth (FM) | Temp (F) |
|---------|--------|------|--------|--------|---------------|----------|--------|-------------------------|-------------|
| 0289 | Apr-16 | 2158 | 4337.5 | 6926.8 | W13012.5 | Y44496.3 | 213 | 79.8 | 40.5 |
| 0290 | Apr-17 | 0112 | 4318.5 | 6930.6 | W13158.2 | Y44421.0 | 055 | 101.2 | 40.5 |
| 0291 | Apr-17 | 0507 | 4311.2 | 6858.8 | W13024.9 | Y44335.7 | 088 | 88.9 | 41.7 |
| 0292 | Apr-17 | 0818 | 4255.5 | 6836.9 | W13006.6 | Y44230.9 | 204 | 99.5 | 43.8 |
| 0293 | Apr-17 | 1019 | 4253.8 | 6843.4 | W13050.4 | Y44232.3 | 324 | 111.0 | 44.7 |
| 0294 | Apr-17 | 1308 | 4248.7 | 6903.9 | W13189.4 | Y44239.3 | 324 | 97.1 | 41.4 |
| 0295 | Apr-17 | 1500 | 4254.0 | 6909.7 | W13189.7 | Y44273.8 | 170 | 96.5 | 40.8 |
| 0296 | Apr-17 | 1809 | 4239.2 | 6920.1 | W13333.2 | Y44217.9 | 288 | 120.3 | 42.7 |
| 0297 | Apr-17 | 2058 | 4231.6 | 6928.1 | W13421.0 | Y44191.4 | 299 | 150.1 | 44.6 |
| 0298 | Apr-17 | 2306 | 4240.9 | 6936.8 | W13419.1 | Y44253.1 | 327 | 147.6 | 45.5 |
| 0299 | Apr-18 | 0059 | 4249.4 | 6944.7 | W13416.8 | Y44308.4 | 326 | 134.0 | 44.9 |
| 0300 | Apr-18 | 0224 | 4253.2 | 6944.9 | W13395.6 | Y44327.7 | 342 | 112.6 | 42.4 |
| 0301 | Apr-18 | 0547 | 4310.9 | 7005.9 | X25845.2 | Y44449.2 | 034 | 86.4 | 39.2 |
| 0302 | Apr-18 | 0741 | 4318.3 | 7008.0 | X25897.6 | Y44486.8 | 088 | 77.1 | 39.3 |
| 0303 | Apr-18 | 0916 | 4321.8 | 7006.2 | X25909.1 | Y44499.4 | 358 | 71.6 | 39.0 |
| 0304 | Apr-18 | 1231 | 4304.1 | 7022.1 | X25886.1 | Y44447.2 | 211 | 57.7 | 37.7 |
| 0305 | Apr-18 | 1350 | 4258.7 | 7022.6 | X25856.5 | Y44421.8 | 132 | 65.1 | 38.0 |
| 0306 | Apr-18 | 1613 | 4249.1 | 7034.8 | X25867.4 | Y44397.1 | 184 | 53.0 | 37.4 |
| 0307 | Apr-18 | 1819 | 4242.8 | 7044.0 | X25884.4 | Y44381.7 | 150 | 9.6 | 39.1 |
| 0308 | Apr-18 | 2048 | 4240.4 | 7026.8 | X25767.4 | Y44336.9 | 071 | 22.7 | 37.5 |
| 0309 | Apr-18 | 2206 | 4243.1 | 7020.1 | X25747.1 | Y44338.6 | 026 | 30.9 | 37.6 |
| 0310 | Apr-18 | 2350 | 4241.9 | 7012.2 | X25698.2 | Y44318.2 | 121 | 53.3 | 38.0 |
| 0311 | Apr-19 | 0151 | 4229.3 | 7007.0 | X25589.6 | Y44242.9 | 177 | 42.7 | 38.5 |
| 0312 | Apr-19 | 0511 | 4229.1 | 7036.6 | X25754.4 | Y44294.2 | 233 | 42.7 | 38.1 |
| 0313 | Apr-19 | 0656 | 4228.7 | 7044.0 | X25798.9 | Y44305.5 | 115 | 30.3 | 38.1 |
| 0314 | Apr-19 | 0905 | 4219.8 | 7045.5 | X25753.9 | Y44258.4 | 311 | 16.4 | 39.7 |
| 0315 | Apr-19 | 1124 | 4214.4 | 7035.6 | X25654.5 | Y44209.9 | 324 | 21.1 | 37.9 |
| 0316 | Apr-19 | 1251 | 4221.5 | 7038.3 | X25716.9 | Y44255.0 | 313 | 36.9 | 37.9 |
| 0317 | Apr-19 | 1521 | 4209.1 | 7031.9 | X25595.3 | Y44172.5 | 156 | 17.5 | 38.1 |
| 0318 | Apr-19 | 1737 | 4154.8 | 7022.9 | X25441.3 | Y44072.9 | 164 | 18.9 | 41.1 |
| 0319 | Apr-19 | 1907 | 4146.5 | 7022.2 | X25380.1 | Y44021.4 | 090 | 11.5 | 42.9 |
| 0320 | Apr-19 | 2032 | 4151.1 | 7015.2 | X25367.4 | Y44038.9 | 060 | 15.3 | 39.0 |
| 0321 | Apr-19 | 2242 | 4206.0 | 7014.8 | X25471.1 | Y44126.5 | 047 | 34.2 | 37.1 |
| 0322 | Apr-20 | 0002 | 4211.8 | 7012.1 | X25496.7 | Y44155.2 | 172 | 20.0 | 39.9 |
| 0323 | Apr-20 | 0115 | 4206.3 | 7009.4 | X25443.6 | Y44119.4 | 092 | 20.2 | 38.4 |
| 0324 | Apr-20 | 0313 | 4206.5 | 6951.4 | W13686.3 | Y44092.4 | 085 | 77.4 | 39.9 |
| 0325 | Apr-20 | 0535 | 4206.4 | 6938.0 | W13609.9 | Y44071.7 | 082 | 125.2 | 41.9 |
| 0326 | Apr-20 | 0819 | 4206.5 | 6915.1 | W13482.5 | Y44039.4 | 247 | 110.5 | 41.6 |
| 0327 | Apr-20 | 1220 | 4157.3 | 6957.2 | W13765.2 | Y44048.4 | 159 | 13.9 | 41.9 |
| 0328 | Apr-20 | 1457 | 4139.8 | 6947.4 | W13790.7 | Y43931.1 | 152 | 19.1 | 39.9 |
| 0329 | Apr-20 | 1640 | 4132.7 | 6943.4 | W13799.7 | Y43883.1 | 160 | 14.5 | 41.0 |
| 0330 | Apr-20 | 1817 | 4128.8 | 6934.1 | W13766.1 | Y43847.8 | 073 | 19.4 | 40.9 |
| 0331 | Apr-20 | 2207 | 4134.4 | 6926.2 | W13698.1 | Y43871.5 | 139 | 40.5 | 39.6 |
| 0332 | Apr-21 | 0159 | 4124.0 | 6916.9 | W13694.9 | Y43798.5 | 171 | 61.8 | 39.7 |
| 0333 | Apr-21 | 0435 | 4111.8 | 6857.7 | W13649.6 | Y43704.8 | 206 | 55.2 | 40.8 |
| 0334 | Apr-21 | 0759 | 4118.2 | 6927.1 | W13774.6 | Y43774.9 | 342 | 20.0 | 41.3 |

NOAA FISHERIES SERVICE -NEFSC SPRING BOTTOM TRAWL SURVEY
ALBATROSS IV MAR 1 - APR 21, 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 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 | | |
|---------|--------------|---------|---------|------------|-------------|---------|-----------|---------------|---------------------|-----------------|-----------------|-----------------|-----------------|-----------------|------|----------------|------------------|-------------------|--------------|--------------|------------|------------------|--------|-------|------------------|--------------|------|---|
| 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | | |
| 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 18 | |
| 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 | 8 | 0 | 0 | 0 | 0 | 0 | 1 | 20 | |
| 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 11 | |
| 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 66 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7 | 15 | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 101 | |
| 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 57 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 2 | 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 104 | |
| 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 10 | |
| 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 26 | |
| 9 | 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 | 0 |
| 10 | 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 | 0 |
| 11 | 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 | 0 |
| 12 | 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 | 0 |
| 13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9 | 10 | |
| 14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 | 0 | 0 | 0 | 0 | 0 | 63 | 104 | |
| 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 38 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 5 | 3 | 0 | 8 | 0 | 0 | 0 | 0 | 0 | 1 | 58 | |
| 16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 203 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 3 | 34 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 | 253 | |
| 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4797 | 0 | 0 | 0 | 0 | 0 | 9 | 10 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 22 | 0 | 7 | 4847 | |
| 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1727 | 0 | 0 | 0 | 0 | 0 | 49 | 16 | 4 | 0 | 0 | 0 | 1 | 0 | 0 | 2 | 70 | 0 | 2 | 1871 | |
| 19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1925 | 0 | 0 | 0 | 0 | 0 | 14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 84 | 0 | 2 | 2025 | |
| 20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4635 | 0 | 0 | 0 | 0 | 0 | 14 | 1 | 3 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 36 | 0 | 3 | 4694 | |
| 21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 247 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 258 | |
| 22 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 546 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 | 0 | 0 | 23 | 577 | |
| 23 | 0 | 0 | 0 | 9 | 14 | 0 | 8 | 200 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 33 | 264 | |
| 24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 48 | 0 | 0 | 0 | 0 | 0 | 5 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 14 | 0 | 0 | 361 | 430 | |
| 25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 328 | 0 | 0 | 0 | 0 | 0 | 5 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 0 | 0 | 72 | 424 | |
| 26 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2059 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 19 | 0 | 0 | 1462 | 3542 | |
| 27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20 | 0 | 0 | 402 | 426 | |
| 28 | 0 | 0 | 0 | 0 | 0 | 0 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7 | 0 | 0 | 43 | 57 | |
| 29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 0 | 0 | 29 | 57 | |
| 30 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 764 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 21 | 0 | 0 | 0 | 0 | 174 | 964 | |
| 31 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1810 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 69 | 1879 | |
| 32 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1411 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 380 | 1793 | |
| 33 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9 | 0 | 0 | 0 | 0 | 86 | 95 | |
| 34 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 345 | 348 | |
| 35 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 337 | 338 | |
| 36 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 285 | 286 | |
| 37 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 192 | 193 | |

NOAA FISHERIES SERVICE -NEFSC SPRING BOTTOM TRAWL SURVEY
ALBATROSS IV MAR 1 - APR 21, 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 | |
|----|--------------|---------|---------|------------|-------------|---------|-----------|---------------|---------------------|-----------------|-----------------|-----------------|-----------------|-----------------|------|----------------|------------------|-------------------|--------------|--------------|------------|------------------|--------|-------|------------------|--------------|-----|
| 38 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 77 | 81 | |
| 39 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9 | 0 | 0 | 9 | |
| 40 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 258 | 262 | |
| 41 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 161 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 132 | 296 | |
| 42 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 616 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 207 | 828 | |
| 43 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 224 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 | 230 | |
| 44 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 31 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 2 | 15 | 2 | 0 | 0 | 0 | 0 | 91 | 142 | |
| 45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 75 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 76 | |
| 46 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 119 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 | 4 | 2 | 3 | 0 | 0 | 0 | 0 | 4 | 138 | |
| 47 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 198 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 204 | |
| 48 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 105 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 1 | 17 | 2 | 0 | 0 | 0 | 0 | 1 | 129 | |
| 49 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 733 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 0 | 0 | 0 | 0 | 0 | 3 | 746 | |
| 50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 659 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 56 | 719 | |
| 51 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 572 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 572 |
| 52 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 90 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 90 |
| 53 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 23 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 75 | 102 | |
| 54 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 2 | 7 | 0 | 0 | 0 | 0 | 1 | 21 | |
| 55 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 31 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7 | 0 | 0 | 0 | 0 | 0 | 38 | |
| 56 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 23 | |
| 57 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 | |
| 58 | 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 |
| 59 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 182 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 26 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 209 | |
| 60 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 262 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 6 | 0 | 0 | 0 | 0 | 0 | 30 | 0 | 10 | 3 | 313 | |
| 61 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 162 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 0 | 1463 | 1659 | |
| 62 | 0 | 0 | 0 | 0 | 22 | 0 | 6 | 200 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 9 | 238 | |
| 63 | 0 | 0 | 0 | 0 | 3 | 0 | 14 | 52 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 4 | 74 | |
| 64 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 199 | 0 | 0 | 0 | 0 | 0 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17 | 226 | |
| 65 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | |
| 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 | 2 | 2 | |
| 67 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7 | 5 | 0 | 2 | 0 | 0 | 1 | 15 | |
| 68 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 7 | |
| 69 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 6 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 0 | 12 | 36 | 0 | 0 | 0 | 0 | 6 | 70 | |
| 70 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 28 | 0 | 6 | 27 | 0 | 2 | 0 | 0 | 5 | 70 | |
| 71 | 0 | 0 | 0 | 0 | 3 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 135 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 12 | 161 | |
| 72 | 0 | 0 | 0 | 0 | 7 | 0 | 0 | 9 | 0 | 0 | 0 | 0 | 0 | 37 | 0 | 0 | 3 | 0 | 0 | 3 | 1 | 0 | 3 | 0 | 68 | 131 | |
| 73 | 0 | 0 | 0 | 0 | 47 | 0 | 16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 11 | 76 | |
| 74 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 0 | 0 | 0 | 0 | 0 | 0 | 22 | 0 | 11 | 0 | 1 | 65 | |
| 75 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 18 | 0 | 0 | 0 | 0 | 0 | 0 | 29 | 0 | 16 | 0 | 17 | 90 | |

NOAA FISHERIES SERVICE -NEFSC SPRING BOTTOM TRAWL SURVEY
ALBATROSS IV MAR 1 - APR 21, 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 | |
|-----|--------------|---------|---------|------------|-------------|---------|-----------|---------------|---------------------|-----------------|-----------------|-----------------|-----------------|-----------------|------|----------------|------------------|-------------------|--------------|--------------|------------|------------------|--------|-------|------------------|--------------|----|
| 76 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18 | 0 | 0 | 0 | 0 | 0 | 13 | 0 | 0 | 14 | 495 | 0 | 0 | 0 | 0 | 7 | 0 | 40 | 587 | |
| 77 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 6 | 0 | 0 | 0 | 0 | 0 | 7 | 0 | 2 | 44 | 1 | 0 | 4 | 0 | 0 | 5 | 0 | 32 | 103 | |
| 78 | 0 | 0 | 0 | 0 | 1 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 5 | 0 | 0 | 0 | 3 | 4 | 0 | 2 | 0 | 62 | 82 | |
| 79 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 43 | 0 | 5 | 48 | |
| 80 | 0 | 0 | 0 | 0 | 62 | 0 | 3 | 65 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 1 | 0 | 23 | 158 | |
| 81 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 8 | 63 | 1 | 3 | 5 | 0 | 9 | 6 | 0 | 2 | 0 | 33 | 132 | |
| 82 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 4 | 11 | 12 | 8 | 51 | 0 | 0 | 1 | 0 | 4 | 0 | 316 | 413 | |
| 83 | 0 | 0 | 0 | 0 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18 | 0 | 5 | 0 | 47 | 0 | 0 | 6 | 0 | 77 | 0 | 18 | 177 | |
| 84 | 0 | 0 | 0 | 0 | 30 | 0 | 0 | 53 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 4 | 0 | 148 | 1 | 9 | 246 | |
| 85 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 6 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 105 | 0 | 35 | 0 | 0 | 2 | 0 | 35 | 0 | 10 | 197 | |
| 86 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 439 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 2 | 3 | 109 | 0 | 1 | 103 | 0 | 9 | 0 | 16 | 685 | |
| 87 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 388 | 0 | 0 | 0 | 1 | 0 | 1 | 55 | 6 | 0 | 0 | 0 | 0 | 35 | 0 | 7 | 0 | 24 | 517 | |
| 88 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14469 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 18 | 157 | 0 | 8 | 0 | 0 | 7 | 0 | 29 | 14689 | |
| 89 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 637 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 9 | 0 | 24 | 0 | 9 | 2 | 0 | 39 | 722 | |
| 90 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 21 | 0 | 1 | 0 | 0 | 10 | 0 | 6 | 0 | 45 | 96 | |
| 91 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 14 | 47 | 34 | 0 | 0 | 0 | 0 | 2 | 0 | 95 | 0 | 14 | 208 | |
| 92 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 259 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 2 | 3 | 0 | 16 | 0 | 0 | 0 | 0 | 2 | 283 | |
| 93 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1336 | 0 | 0 | 0 | 0 | 0 | 6 | 0 | 0 | 36 | 216 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 1596 | |
| 94 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 37 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 26 | 0 | 0 | 0 | 0 | 0 | 0 | 7 | 70 | |
| 95 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 30 |
| 96 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7 |
| 97 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 15 | 0 | 0 | 0 | 0 | 0 | 0 | 18 |
| 98 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 2 | 0 | 1 | 18 | 0 | 0 | 0 | 0 | 5 | 27 | |
| 99 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 29 | 34 | |
| 100 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 41 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 1 | 0 | 62 | 0 | 0 | 0 | 0 | 0 | 106 | |
| 101 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 1 | 4 | 36 | 0 | 0 | 0 | 0 | 1 | 55 | |
| 102 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7 | 0 | 0 | 0 | 0 | 2 | 2 | 0 | 0 | 0 | 0 | 6 | 123 | 0 | 0 | 0 | 0 | 0 | 140 | |
| 103 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 8 | 3 | 0 | 0 | 0 | 0 | 6 | 178 | 0 | 0 | 0 | 0 | 1 | 197 | |
| 104 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 35 | 0 | 0 | 0 | 0 | 25 | 63 | |
| 105 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 | 0 | 0 | 0 | 0 | 11 | 26 | |
| 106 | 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 |
| 107 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18 |
| 108 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 14 |
| 109 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| 110 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 |
| 111 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 112 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 113 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 7 | 12 |

NOAA FISHERIES SERVICE -NEFSC SPRING BOTTOM TRAWL SURVEY
ALBATROSS IV MAR 1 - APR 21, 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 | |
|-----|--------------|---------|---------|------------|-------------|---------|-----------|---------------|---------------------|-----------------|-----------------|-----------------|-----------------|-----------------|------|----------------|------------------|-------------------|--------------|--------------|------------|------------------|--------|-------|------------------|--------------|-----|
| 190 | 2 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7 | 0 | 5 | 0 | 0 | 52 | 85 | |
| 191 | 2 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 165 | 0 | 5 | 0 | 0 | 44 | 244 | |
| 192 | 1 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20 | 0 | 1 | 0 | 0 | 9 | 43 | |
| 193 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 | 14 | 0 | 0 | 0 | 0 | 20 | 45 | |
| 194 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 4 | |
| 195 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 2 | |
| 196 | 0 | 3 | 0 | 0 | 0 | 0 | 1 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 7 | 17 | |
| 197 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 7 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 2 | 0 | 1 | 0 | 82 | 100 |
| 198 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 5 | |
| 199 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 | 9 | |
| 200 | 0 | 0 | 0 | 0 | 5 | 0 | 3 | 6 | 0 | 0 | 0 | 0 | 1 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 3 | 0 | 0 | 44 | 67 | |
| 201 | 0 | 0 | 0 | 0 | 44 | 0 | 5 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20 | 0 | 15 | 0 | 40 | 0 | 21 | 147 | |
| 202 | 0 | 0 | 0 | 8 | 0 | 13 | 16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 22 | 0 | 0 | 71 | 130 | |
| 203 | 0 | 0 | 0 | 0 | 6 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 71 | 0 | 4 | 0 | 6 | 88 | |
| 204 | 27 | 196 | 0 | 0 | 0 | 0 | 0 | 6 | 3 | 0 | 0 | 0 | 3 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 19 | 258 | |
| 205 | 0 | 431 | 0 | 0 | 0 | 0 | 7 | 22 | 7 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 487 | |
| 206 | 2 | 3 | 0 | 0 | 0 | 0 | 0 | 4 | 7 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 63 | 12 | 0 | 0 | 0 | 0 | 50 | 143 | |
| 207 | 0 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 30 | 54 | 0 | 0 | 0 | 0 | 25 | 119 | |
| 208 | 0 | 63 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 5 | 9 | 0 | 0 | 0 | 0 | 1 | 80 | |
| 209 | 24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 9 | 0 | 0 | 0 | 0 | 2 | 45 | |
| 210 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 2 | 0 | 0 | 0 | 0 | 10 | 16 | |
| 211 | 0 | 32 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 1 | 1 | 0 | 6 | 0 | 0 | 0 | 0 | 0 | 44 | 58 | 0 | 0 | 0 | 0 | 9 | 153 | |
| 212 | 0 | 279 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 8 | 0 | 0 | 0 | 0 | 0 | 12 | 102 | 0 | 0 | 0 | 0 | 7 | 409 | |
| 213 | 75 | 93 | 7 | 0 | 0 | 0 | 0 | 0 | 10 | 0 | 0 | 0 | 6 | 0 | 0 | 0 | 0 | 0 | 18 | 6 | 0 | 0 | 0 | 0 | 29 | 244 | |
| 214 | 14 | 348 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 12 | 1 | 0 | 0 | 0 | 0 | 21 | 399 | |
| 215 | 2 | 22 | 0 | 0 | 0 | 0 | 0 | 9 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7 | 0 | 0 | 0 | 0 | 0 | 24 | 65 | |
| 216 | 12 | 69 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 0 | 0 | 0 | 2 | 3 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 14 | 111 | |
| 217 | 24 | 4 | 0 | 0 | 0 | 0 | 0 | 21 | 10 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 10 | 3 | 0 | 0 | 0 | 0 | 13 | 86 | |
| 218 | 0 | 197 | 0 | 4 | 10 | 0 | 5 | 649 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 11 | 0 | 10 | 0 | 1 | 0 | 0 | 0 | 77 | 966 | |
| 219 | 0 | 0 | 0 | 11 | 35 | 0 | 7 | 4 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 40 | 0 | 0 | 56 | 154 | |
| 220 | 10 | 7 | 0 | 0 | 0 | 0 | 0 | 16 | 99 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 7 | 0 | 0 | 0 | 0 | 0 | 18 | 158 | |
| 221 | 48 | 26 | 0 | 0 | 0 | 0 | 0 | 29 | 52 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 21 | 176 | |
| 222 | 0 | 15 | 0 | 0 | 0 | 0 | 0 | 0 | 13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 32 | 60 | |
| 223 | 12 | 45 | 0 | 0 | 0 | 0 | 0 | 4 | 24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 3 | 93 | |
| 224 | 1 | 134 | 0 | 0 | 0 | 0 | 19 | 21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 2 | 0 | 0 | 0 | 0 | 5 | 184 | |
| 225 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 93 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 1 | 0 | 0 | 0 | 0 | 2 | 111 | |
| 226 | 56 | 83 | 0 | 0 | 0 | 0 | 0 | 133 | 5 | 44 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 36 | 23 | 0 | 0 | 0 | 0 | 18 | 401 | |
| 227 | 40 | 13 | 2 | 0 | 0 | 0 | 0 | 485 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 30 | 0 | 0 | 55 | 625 | |

NOAA FISHERIES SERVICE -NEFSC SPRING BOTTOM TRAWL SURVEY
ALBATROSS IV MAR 1 - APR 21, 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 |
|-----|--------------|---------|---------|------------|-------------|---------|-----------|---------------|---------------------|-----------------|-----------------|-----------------|-----------------|-----------------|------|----------------|------------------|-------------------|--------------|--------------|------------|------------------|--------|-------|------------------|--------------|
| 228 | 0 | 0 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 8 |
| 229 | 0 | 0 | 6 | 0 | 0 | 0 | 0 | 166 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7 | 0 | 0 | 25 | 204 |
| 230 | 0 | 0 | 10 | 27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20 | 0 | 0 | 13 | 70 |
| 231 | 0 | 0 | 0 | 111 | 0 | 0 | 6 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 30 | 0 | 0 | 84 | 239 |
| 232 | 27 | 85 | 0 | 0 | 1 | 0 | 2 | 0 | 0 | 0 | 10 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 41 | 0 | 0 | 40 | 0 | 0 | 22 | 229 |
| 233 | 47 | 351 | 0 | 0 | 0 | 0 | 0 | 0 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 409 |
| 234 | 99 | 477 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 70 | 646 |
| 235 | 23 | 39 | 0 | 0 | 0 | 0 | 0 | 6 | 29 | 22 | 3 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 32 | 51 | 0 | 0 | 0 | 0 | 27 | 233 |
| 236 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 23 | 0 | 0 | 0 | 0 | 0 | 56 |
| 237 | 8 | 14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 28 | 0 | 2 | 0 | 0 | 27 | 84 |
| 238 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 15 | 0 | 0 | 0 | 0 | 34 | 51 |
| 239 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 40 | 41 |
| 240 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7 | 8 |
| 241 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 | 9 |
| 242 | 0 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 26 | 40 |
| 243 | 3 | 10 | 0 | 0 | 1 | 0 | 0 | 0 | 2 | 0 | 2 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 45 | 69 |
| 244 | 0 | 136 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 41 | 181 |
| 245 | 19 | 3 | 0 | 0 | 0 | 11 | 0 | 6 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 15 | 57 |
| 246 | 9 | 3 | 0 | 0 | 0 | 89 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 111 |
| 247 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 16 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 5 | 28 |
| 248 | 0 | 0 | 0 | 0 | 2 | 9 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 19 |
| 249 | 0 | 0 | 0 | 0 | 7 | 0 | 0 | 78 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 97 |
| 250 | 42 | 0 | 0 | 0 | 0 | 0 | 0 | 60 | 0 | 0 | 16 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 40 | 161 |
| 251 | 0 | 72 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 6 | 0 | 12 | 1 | 0 | 0 | 0 | 0 | 7 | 102 |
| 252 | 4 | 19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 12 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 17 | 55 |
| 253 | 0 | 1 | 12 | 1 | 2 | 0 | 0 | 388 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9 | 0 | 0 | 17 | 434 |
| 254 | 62 | 6 | 0 | 0 | 1 | 0 | 6 | 321 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9 | 0 | 0 | 15 | 421 |
| 255 | 25 | 27 | 35 | 5 | 2 | 0 | 0 | 225 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 26 | 0 | 0 | 24 | 371 |
| 256 | 0 | 0 | 0 | 70 | 1 | 0 | 13 | 7 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 18 | 118 |
| 257 | 0 | 4 | 0 | 16 | 7 | 9 | 2 | 20 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 27 | 90 |
| 258 | 0 | 0 | 0 | 12 | 2 | 0 | 10 | 10 | 0 | 0 | 2 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 | 49 |
| 259 | 0 | 12 | 4 | 0 | 0 | 842 | 0 | 22 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 27 | 912 |
| 260 | 0 | 0 | 362 | 67 | 9 | 0 | 30 | 168 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9 | 0 | 0 | 8 | 654 |
| 261 | 0 | 0 | 0 | 43 | 5 | 0 | 16 | 62 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 53 | 179 |
| 262 | 0 | 3 | 0 | 9 | 0 | 325 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 9 | 349 |
| 263 | 28 | 8 | 8 | 6 | 1 | 99 | 0 | 12 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 17 | 186 |
| 264 | 0 | 8 | 16 | 1 | 0 | 0 | 0 | 7 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 0 | 0 | 4 | 48 |
| 265 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 1 | 0 | 0 | 6 | 32 |

NOAA FISHERIES SERVICE -NEFSC SPRING BOTTOM TRAWL SURVEY
ALBATROSS IV MAR 1 - APR 21, 2005
CATCH WEIGHTS (POUNDS) OF IMPORTANT SPECIES BY HAUL

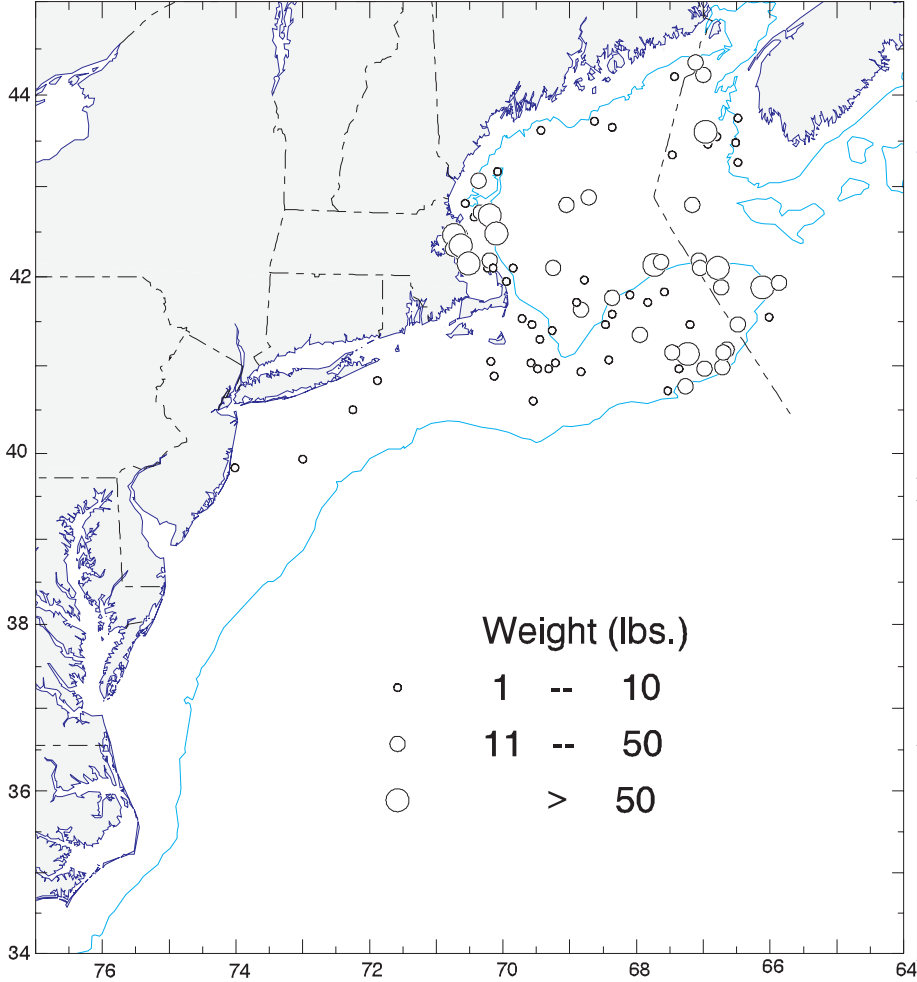
| | ATLANTIC COD | HADDOCK | POLLOCK | WHITE HAKE | SILVER HAKE | REDFISH | GOOSEFISH | SPINY DOGFISH | YELLOWTAIL FLOUNDER | WINTER FLOUNDER | AMERICAN PLAICE | WITCH FFLOUNDER | WINDOWPANE FLDR | SUMMER FLOUNDER | SCUP | BLACK SEA BASS | ATLANTIC HERRING | ATLANTIC MACKEREL | WINTER SKATE | LITTLE SKATE | BUTTERFISH | AMERICAN LOBSTER | LOLIGO | ILLEX | TOTAL * OTHER | TOTAL ALL | |
|-----|--------------|---------|---------|------------|-------------|---------|-----------|---------------|---------------------|-----------------|-----------------|-----------------|-----------------|-----------------|------|----------------|------------------|-------------------|--------------|--------------|------------|------------------|--------|-------|------------------|--------------|------|
| 266 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 40 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 41 |
| 267 | 0 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13 | 6 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 17 | 0 | 0 | 0 | 30 | 73 |
| 268 | 1 | 87 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 25 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 14 | 0 | 0 | 0 | 14 | 143 |
| 269 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 69 | 4 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 14 | 0 | 0 | 0 | 11 | 111 |
| 270 | 7 | 63 | 0 | 1 | 1 | 5 | 0 | 0 | 0 | 12 | 5 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 23 | 120 |
| 271 | 10 | 1 | 30 | 1 | 1 | 3 | 2 | 0 | 0 | 1 | 0 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 | 0 | 0 | 0 | 13 | 74 |
| 272 | 61 | 27 | 10 | 5 | 0 | 262 | 15 | 0 | 0 | 12 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 0 | 0 | 0 | 64 | 469 |
| 273 | 0 | 3 | 0 | 51 | 1 | 44 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 15 | 123 |
| 274 | 0 | 0 | 0 | 23 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13 | 0 | 0 | 0 | 81 | 117 |
| 275 | 20 | 0 | 0 | 9 | 0 | 7 | 0 | 0 | 0 | 18 | 0 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7 | 0 | 0 | 0 | 69 | 140 |
| 276 | 15 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 3 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 0 | 0 | 0 | 9 | 49 |
| 277 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 | 0 | 0 | 0 | 17 | 36 |
| 278 | 1 | 0 | 0 | 93 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 | 0 | 0 | 0 | 21 | 129 |
| 279 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 46 | 55 |
| 280 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 22 | 0 | 0 | 0 | 12 | 36 |
| 281 | 0 | 0 | 0 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20 | 0 | 0 | 0 | 8 | 34 |
| 282 | 0 | 0 | 1 | 21 | 0 | 0 | 13 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 0 | 0 | 0 | 8 | 54 |
| 283 | 2 | 0 | 12 | 3 | 1 | 41 | 0 | 3 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14 | 78 |
| 284 | 0 | 0 | 55 | 26 | 2 | 491 | 13 | 7 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 | 0 | 0 | 0 | 18 | 625 |
| 285 | 0 | 0 | 8 | 2 | 1 | 2 | 0 | 0 | 0 | 0 | 3 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 7 | 30 |
| 286 | 0 | 0 | 0 | 2 | 1 | 98 | 3 | 0 | 0 | 0 | 3 | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 | 129 |
| 287 | 1 | 0 | 1 | 2 | 4 | 301 | 0 | 0 | 0 | 0 | 4 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 11 | 329 |
| 288 | 1 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 9 |
| 289 | 7 | 0 | 0 | 3 | 0 | 19 | 0 | 0 | 0 | 0 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 4 | 0 | 0 | 0 | 53 | 95 |
| 290 | 0 | 0 | 0 | 1 | 6 | 0 | 0 | 0 | 0 | 0 | 2 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 36 | 50 |
| 291 | 0 | 0 | 0 | 0 | 12 | 4 | 9 | 0 | 0 | 0 | 4 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 | 0 | 0 | 0 | 24 | 61 |
| 292 | 0 | 0 | 8 | 0 | 2 | 2374 | 3 | 1 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 9 | 2404 |
| 293 | 10 | 0 | 0 | 2 | 3 | 0 | 13 | 6 | 0 | 0 | 3 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 21 | 68 |
| 294 | 12 | 3 | 0 | 0 | 20 | 12 | 4 | 4 | 0 | 0 | 3 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 23 | 84 |
| 295 | 0 | 0 | 0 | 1 | 18 | 2 | 25 | 0 | 0 | 0 | 3 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 23 | 78 |
| 296 | 0 | 0 | 11 | 7 | 3 | 0 | 5 | 0 | 0 | 0 | 11 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 50 |
| 297 | 0 | 12 | 63 | 121 | 0 | 0 | 0 | 10 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13 | 0 | 0 | 0 | 3 | 223 |
| 298 | 0 | 0 | 46 | 143 | 1 | 4 | 1 | 6 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 0 | 0 | 0 | 9 | 222 |
| 299 | 0 | 0 | 60 | 23 | 1 | 10 | 8 | 21 | 0 | 0 | 3 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 | 133 |
| 300 | 0 | 0 | 448 | 15 | 3 | 1 | 0 | 1 | 0 | 0 | 3 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 | 0 | 0 | 0 | 9 | 487 |
| 301 | 4 | 0 | 0 | 0 | 15 | 0 | 0 | 0 | 0 | 0 | 5 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 57 | 88 |
| 302 | 0 | 0 | 0 | 0 | 10 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 74 | 88 |
| 303 | 0 | 0 | 0 | 0 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 92 | 107 |

NOAA FISHERIES SERVICE -NEFSC SPRING BOTTOM TRAWL SURVEY
ALBATROSS IV MAR 1 - APR 21, 2005
CATCH WEIGHTS (POUNDS) OF IMPORTANT SPECIES BY HAUL

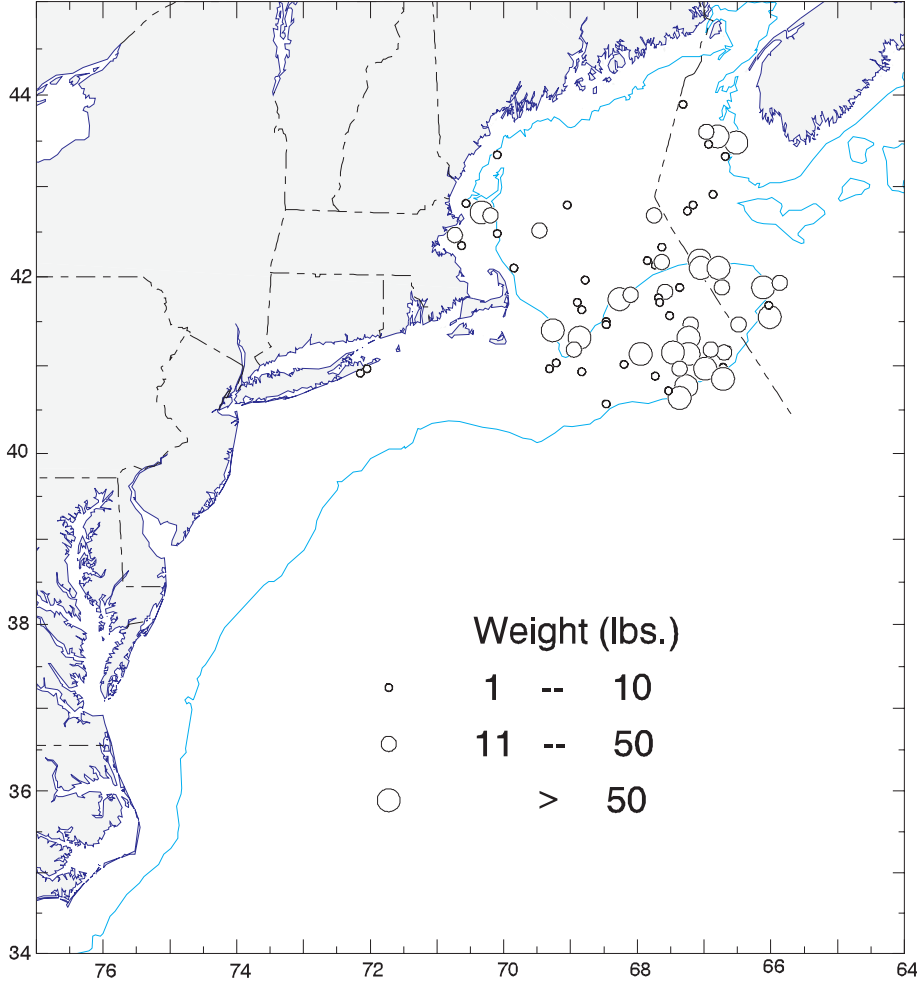
| | ATLANTIC COD | HADDOCK | POLLOCK | WHITE HAKE | SILVER HAKE | REDFISH | GOOSEFISH | SPINY DOGFISH | YELLOWTAIL FLOUNDER | WINTER FLOUNDER | AMERICAN PLAICE | WITCH FFLOUNDER | WINDOWPANE FLDR | SUMMER FLOUNDER | SCUP | BLACK SEA BASS | ATLANTIC HERRING | ATLANTIC MACKEREL | WINTER SKATE | LITTLE SKATE | BUTTERFISH | AMERICAN LOBSTER | LOLIGO | ILLEX | TOTAL * OTHER | TOTAL ALL |
|-------|--------------|---------|---------|------------|-------------|---------|-----------|---------------|---------------------|-----------------|-----------------|-----------------|-----------------|-----------------|------|----------------|------------------|-------------------|--------------|--------------|------------|------------------|--------|-------|------------------|--------------|
| 304 | 13 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 32 | 55 |
| 305 | 0 | 0 | 0 | 0 | 10 | 2 | 1 | 0 | 0 | 3 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14 | 0 | 0 | 25 | 58 |
| 306 | 2 | 7 | 0 | 0 | 3 | 1 | 0 | 0 | 6 | 2 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 2 | 0 | 6 | 0 | 0 | 63 | 96 |
| 307 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 23 | 0 | 0 | 4 | 0 | 3 | 0 | 0 | 5 | 36 |
| 308 | 2 | 0 | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 1 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 31 | 70 |
| 309 | 31 | 74 | 2 | 0 | 0 | 0 | 0 | 0 | 9 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17 | 134 |
| 310 | 140 | 10 | 0 | 0 | 1 | 4 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 23 | 182 |
| 311 | 88 | 3 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 25 | 118 |
| 312 | 5 | 0 | 0 | 0 | 4 | 1 | 0 | 0 | 19 | 34 | 107 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 17 | 193 |
| 313 | 62 | 29 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 33 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 13 | 146 |
| 314 | 17 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 0 | 0 | 2 | 47 |
| 315 | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 26 | 18 | 3 | 0 | 0 | 0 | 0 | 0 | 15 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 27 | 104 |
| 316 | 59 | 3 | 0 | 0 | 2 | 0 | 0 | 0 | 8 | 35 | 135 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 32 | 275 |
| 317 | 79 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 | 0 | 0 | 11 | 103 |
| 318 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 6 | 0 | 0 | 7 | 17 |
| 319 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 1 | 0 | 0 | 23 | 26 |
| 320 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 1 | 0 | 0 | 17 | 27 |
| 321 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14 | 55 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 30 | 44 | 0 | 0 | 0 | 0 | 42 | 185 |
| 322 | 41 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 11 | 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 60 | 137 |
| 323 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 79 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 3 | 2 | 0 | 2 | 0 | 0 | 13 | 102 |
| 324 | 9 | 5 | 9 | 0 | 2 | 33 | 0 | 3 | 0 | 2 | 5 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9 | 0 | 0 | 19 | 97 |
| 325 | 0 | 0 | 30 | 3 | 1 | 2 | 0 | 25 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 16 | 82 |
| 326 | 11 | 0 | 7 | 1 | 2 | 2 | 26 | 0 | 0 | 0 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 67 |
| 327 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 29 | 39 |
| 328 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 2 | 10 |
| 329 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 18 |
| 330 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 27 | 34 |
| 331 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 7 | 11 |
| 332 | 6 | 122 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 19 | 153 |
| 333 | 0 | 21 | 0 | 0 | 0 | 0 | 0 | 7 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 3 | 37 |
| 334 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9 | 16 |
| TOTAL | 1501 | 3866 | 1282 | 963 | 557 | 5130 | 408 | 46992 | 423 | 770 | 404 | 138 | 89 | 441 | 206 | 212 | 740 | 1305 | 1148 | 3185 | 459 | 670 | 969 | 1 | 11606 | 83465 |

* "Total other" in southern areas are comprised primarily of rays, large sharks and spotted hake.

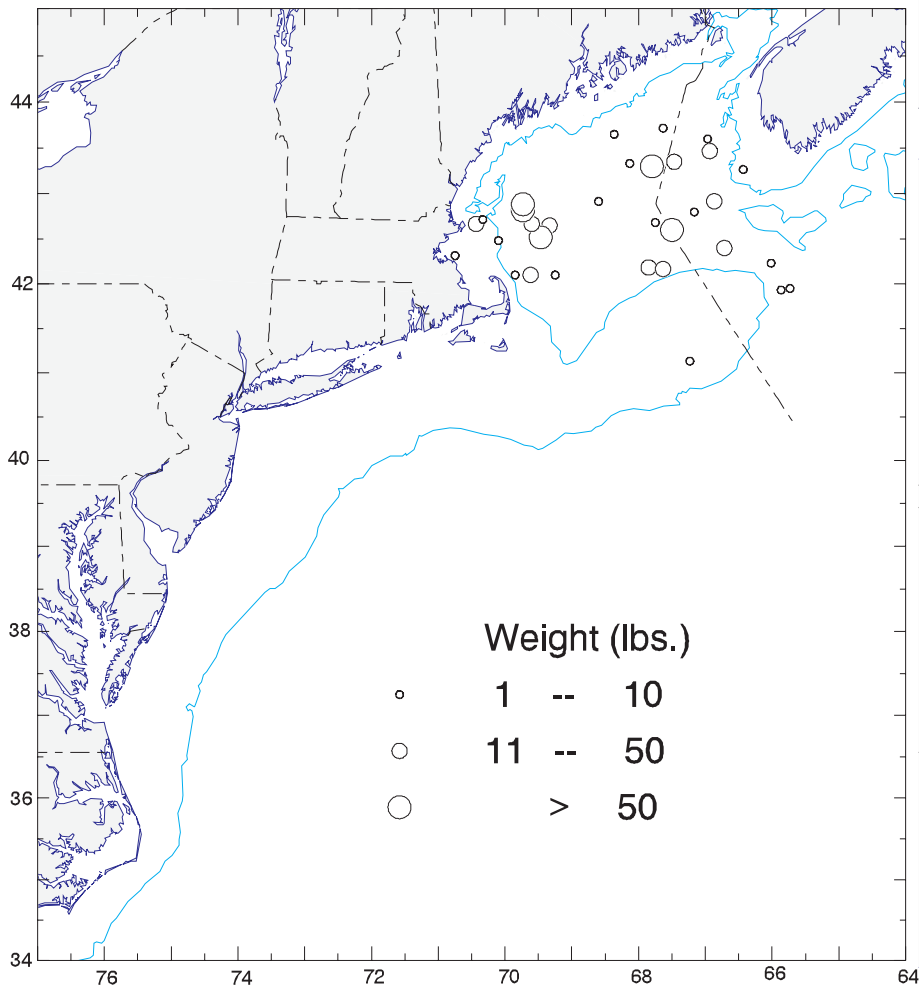
ATLANTIC COD
NOAA Fisheries Service
Bottom Trawl Survey
March 1 - April 21, 2005



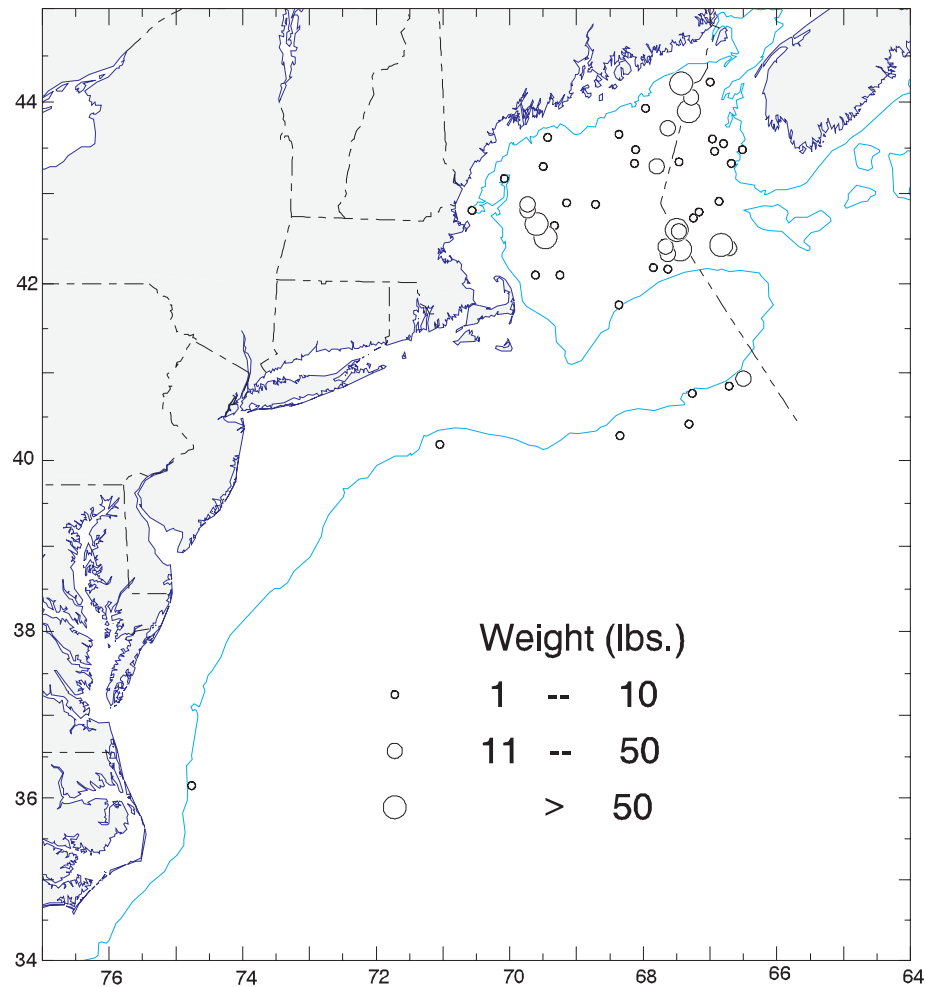
HADDOCK
NOAA Fisheries Service
Bottom Trawl Survey
March 1 - April 21, 2005



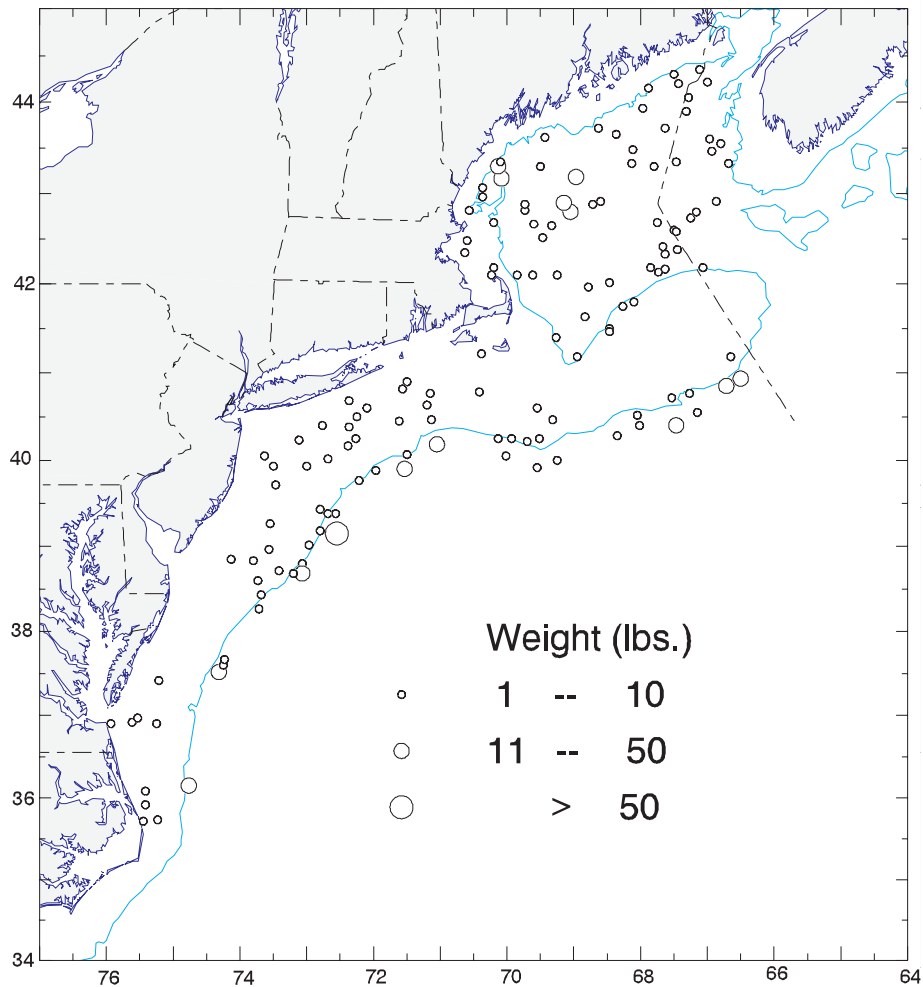
POLLOCK
NOAA Fisheries Service
Bottom Trawl Survey
March 1 - April 21, 2005



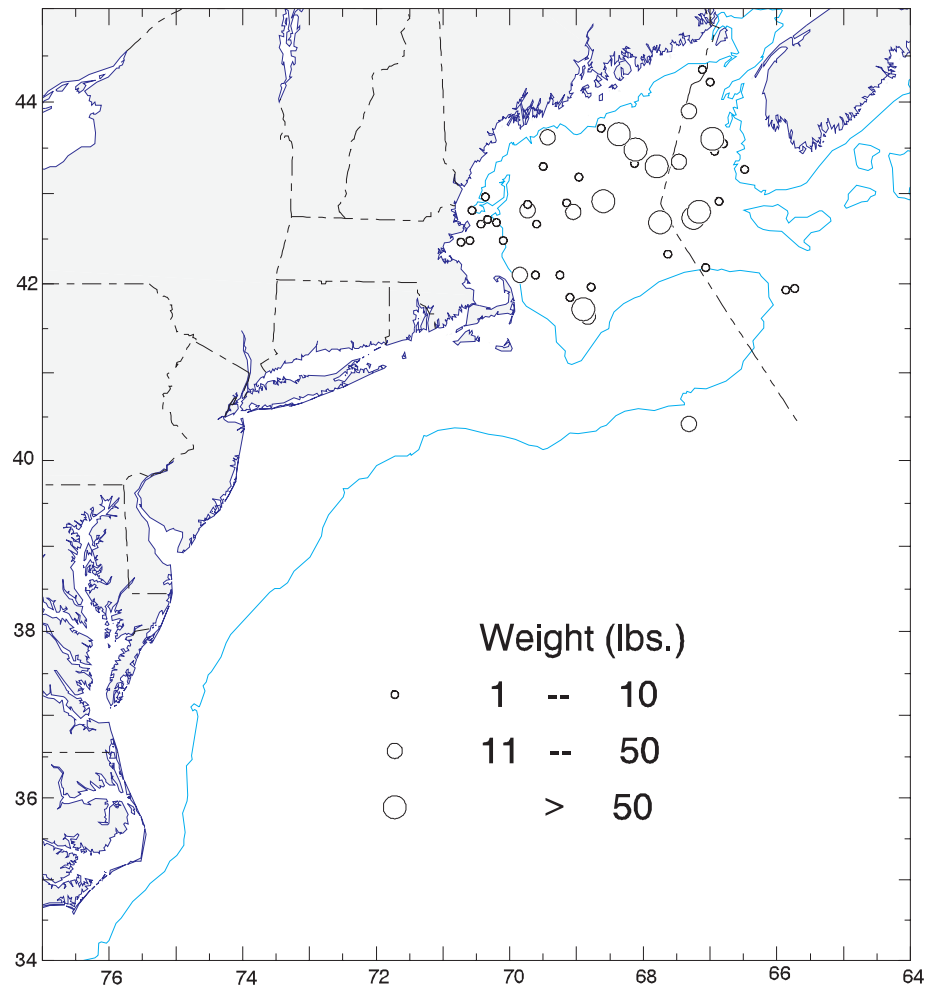
WHITE HAKE
NOAA Fisheries Service
Bottom Trawl Survey
March 1 - April 21, 2005



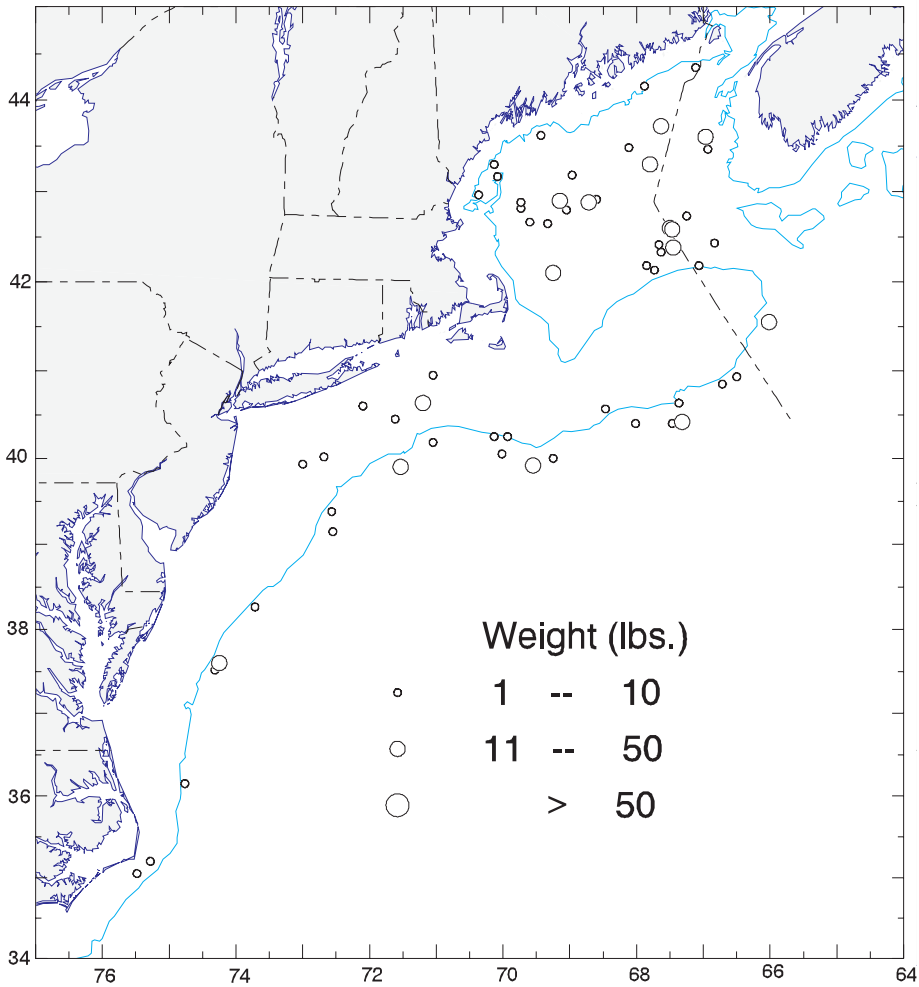
SILVER HAKE
NOAA Fisheries Service
Bottom Trawl Survey
March 1 - April 21, 2005



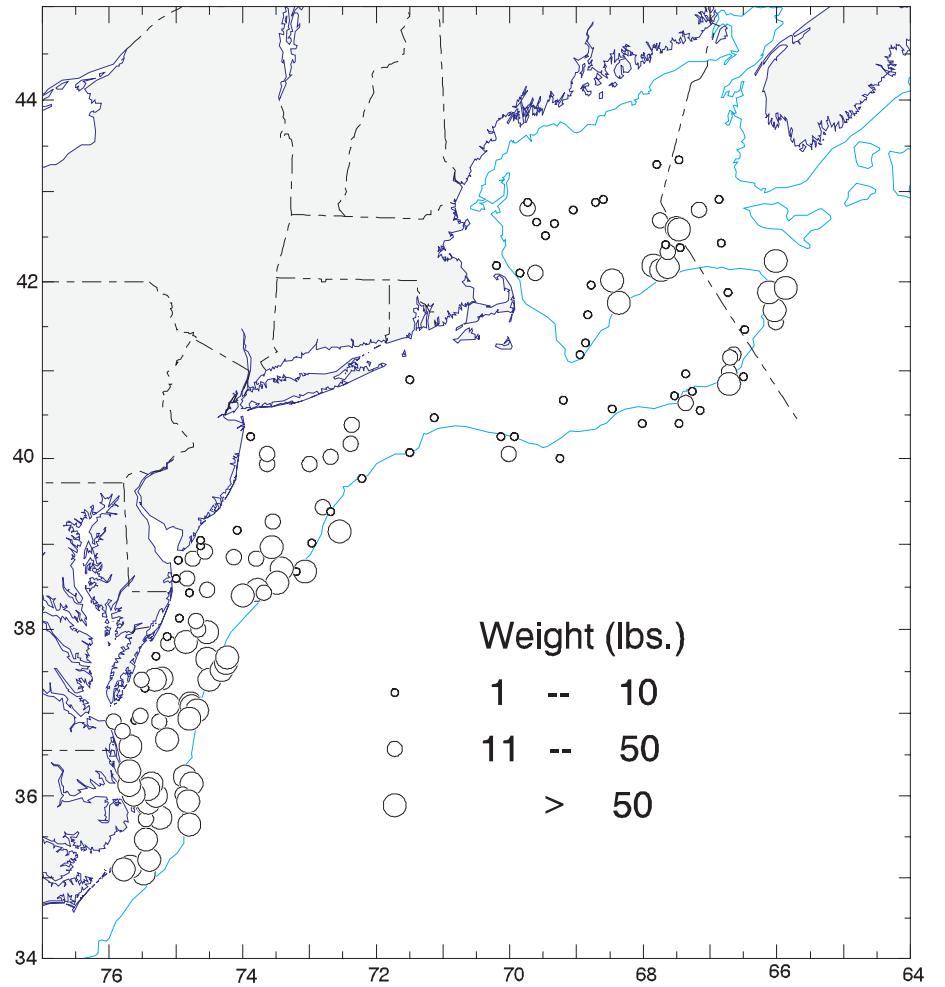
ACADIAN REDFISH
NOAA Fisheries Service
Bottom Trawl Survey
March 1 - April 21, 2005



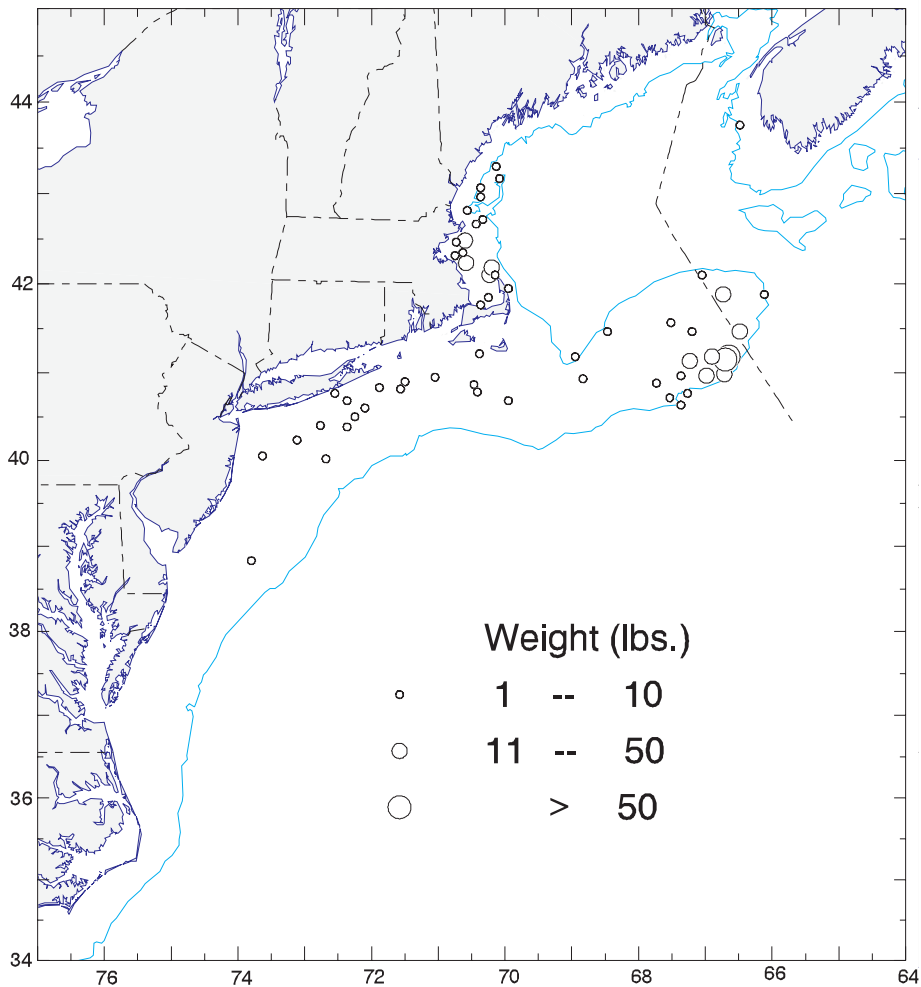
GOOSEFISH
NOAA Fisheries Service
Bottom Trawl Survey
March 1 - April 21, 2005



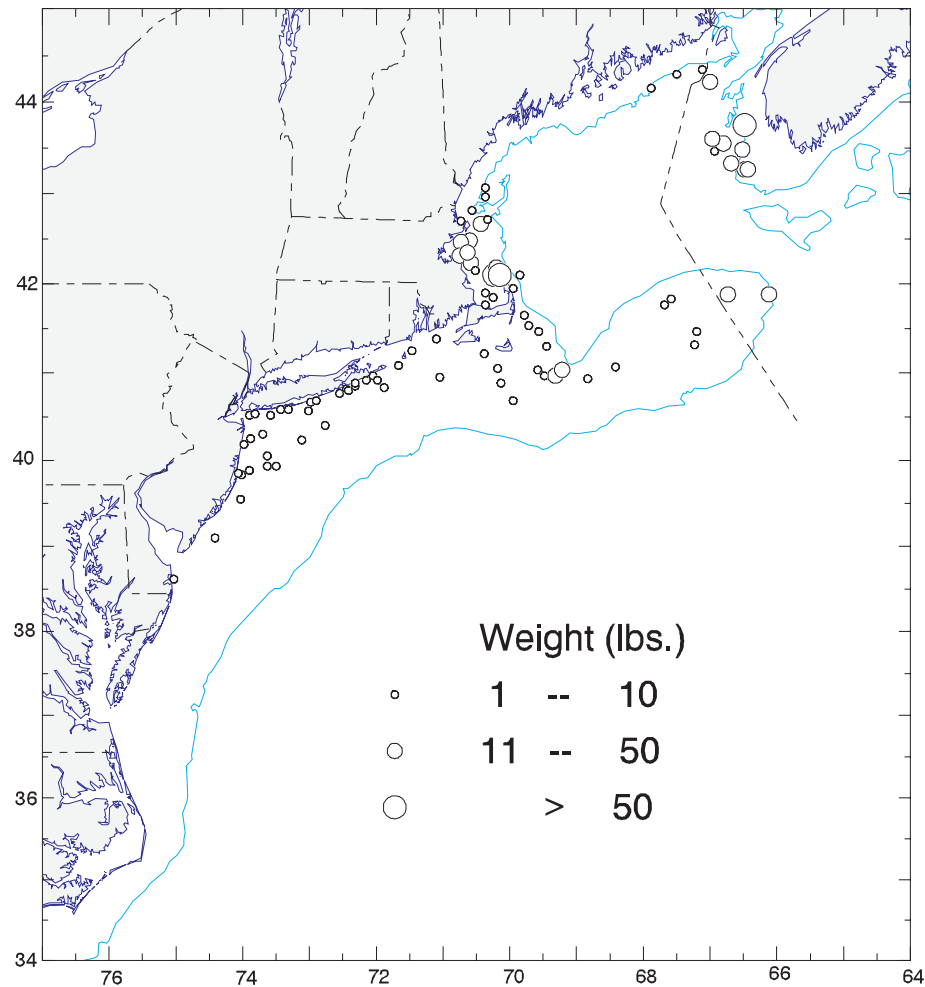
SPINY DOGFISH
NOAA Fisheries Service
Bottom Trawl Survey
March 1 - April 21, 2005



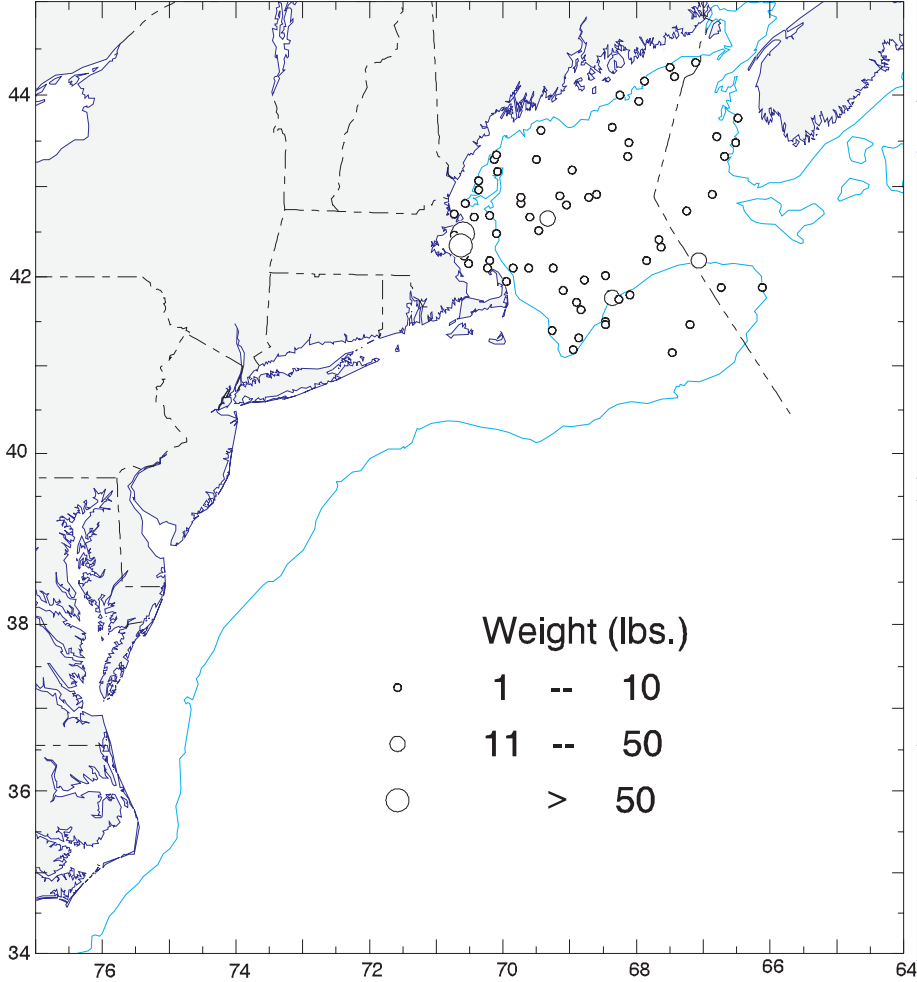
YELLOWTAIL FLOUNDER
NOAA Fisheries Service
Bottom Trawl Survey
March 1 - April 21, 2005



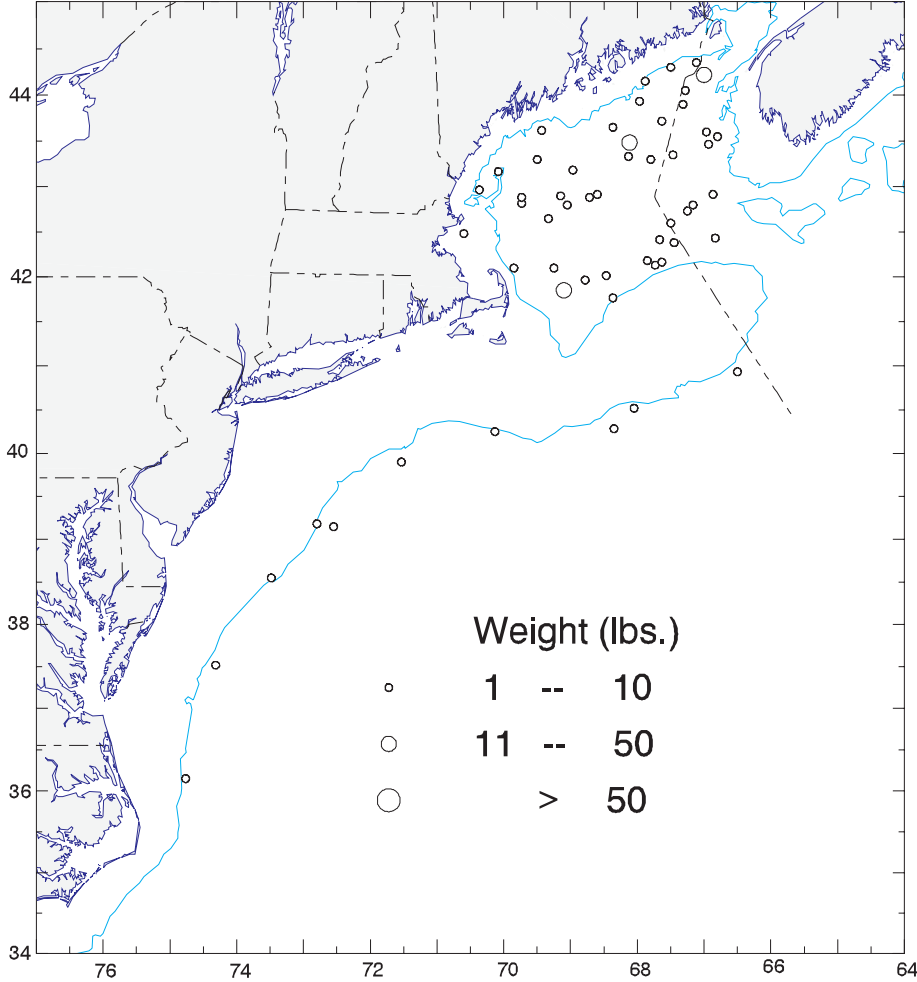
WINTER FLOUNDER
NOAA Fisheries Service
Bottom Trawl Survey
March 1 - April 21, 2005



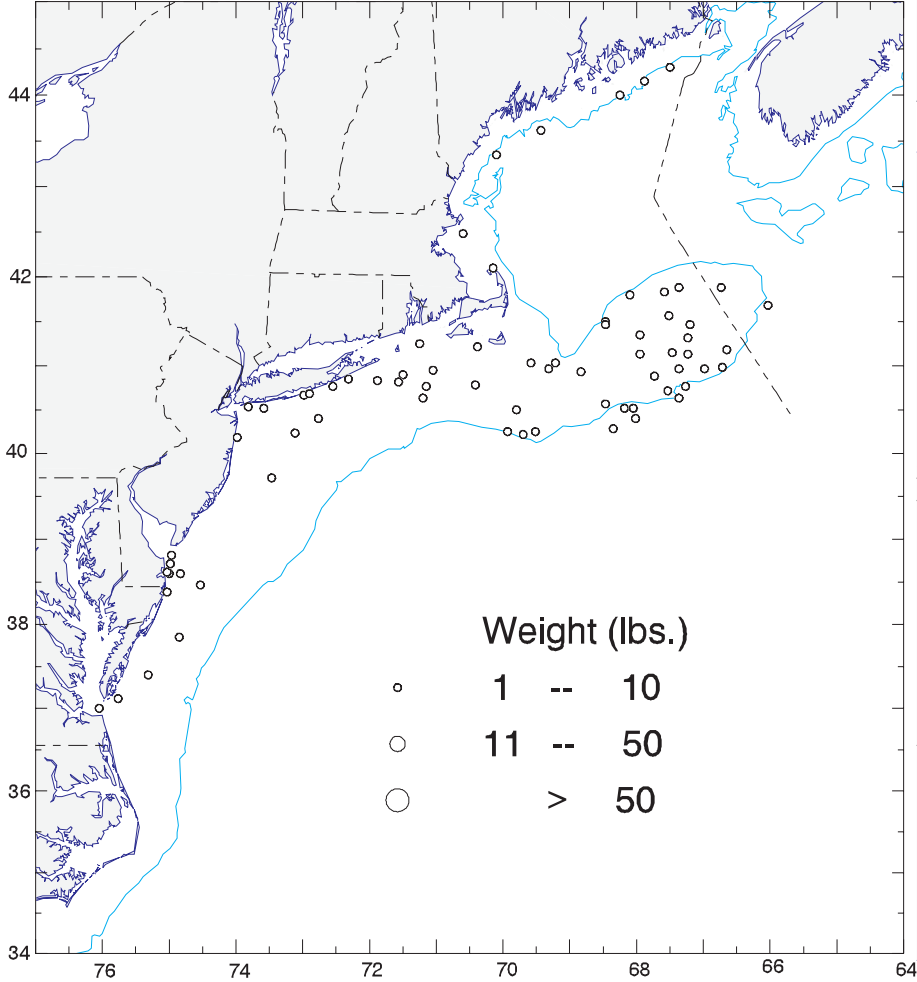
AMERICAN PLAICE
NOAA Fisheries Service
Bottom Trawl Survey
March 1 - April 21, 2005



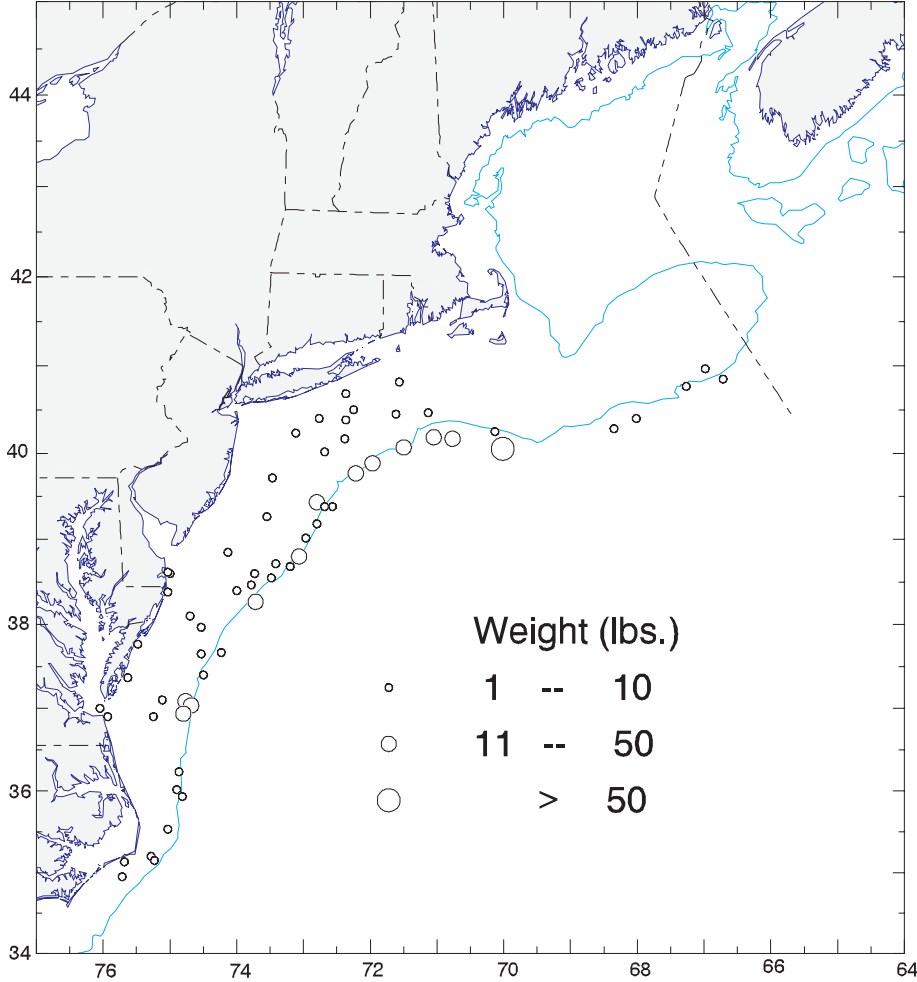
WITCH FLOUNDER
NOAA Fisheries Service
Bottom Trawl Survey
March 1 - April 21, 2005



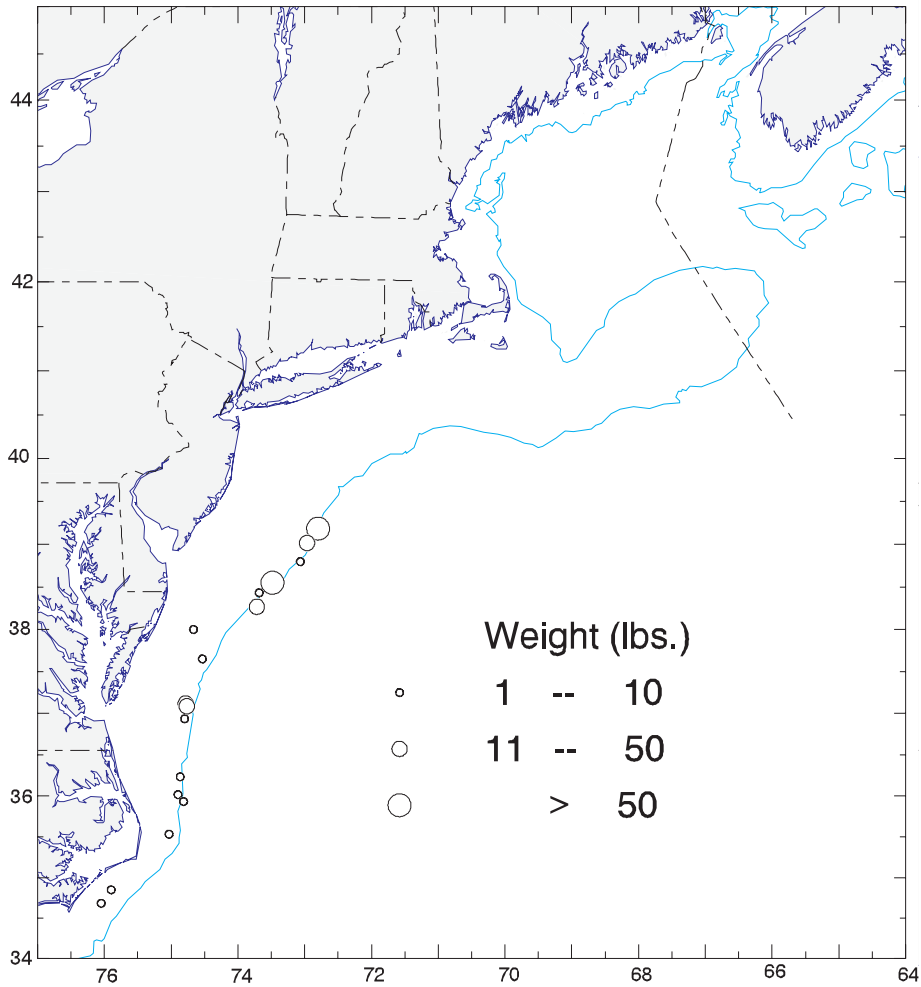
WINDOWPANE FLOUNDER
NOAA Fisheries Service
Bottom Trawl Survey
March 1 - April 21, 2005



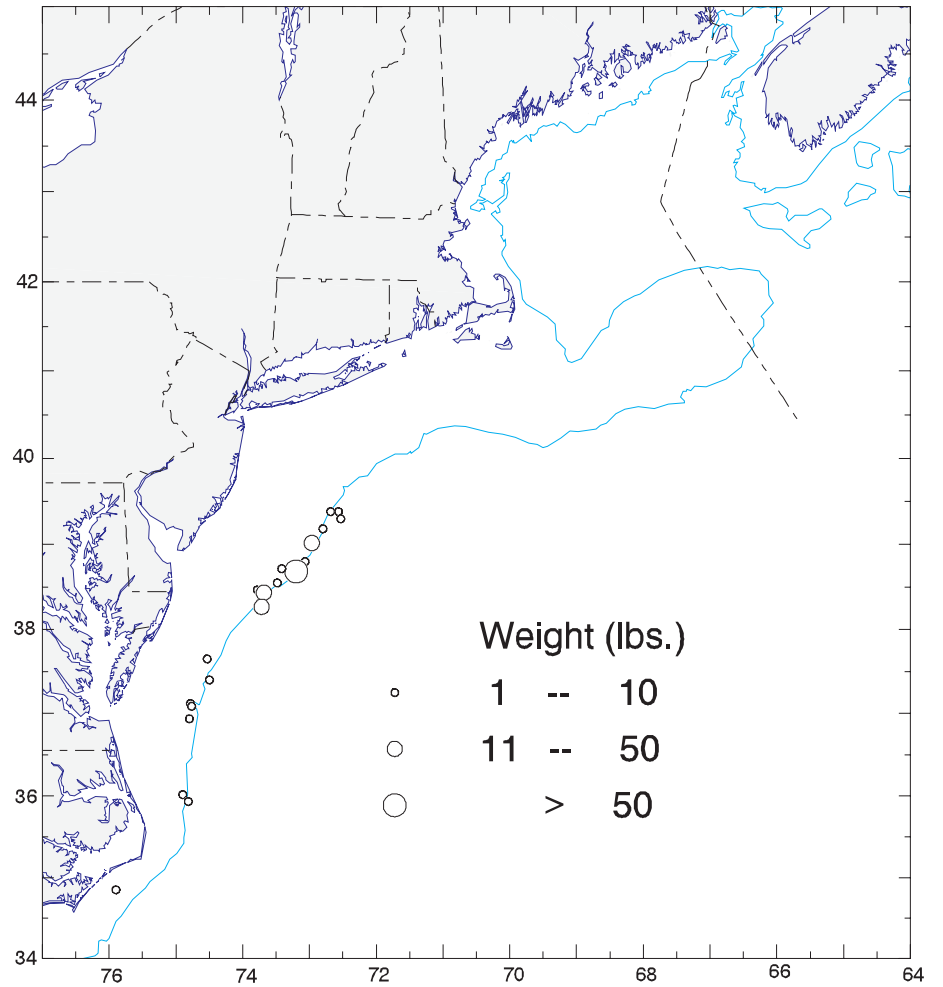
SUMMER FLOUNDER
NOAA Fisheries Service
Bottom Trawl Survey
March 1 - April 21, 2005



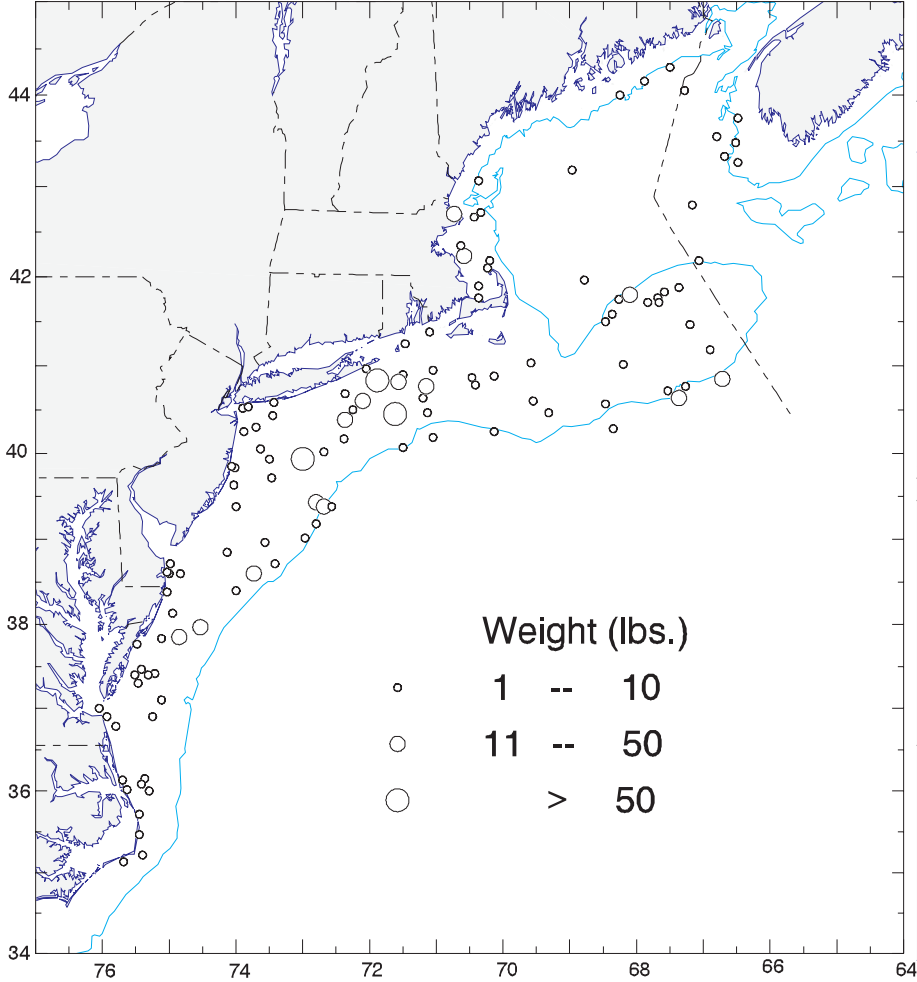
SCUP
NOAA Fisheries Service
Bottom Trawl Survey
March 1 - April 21, 2005



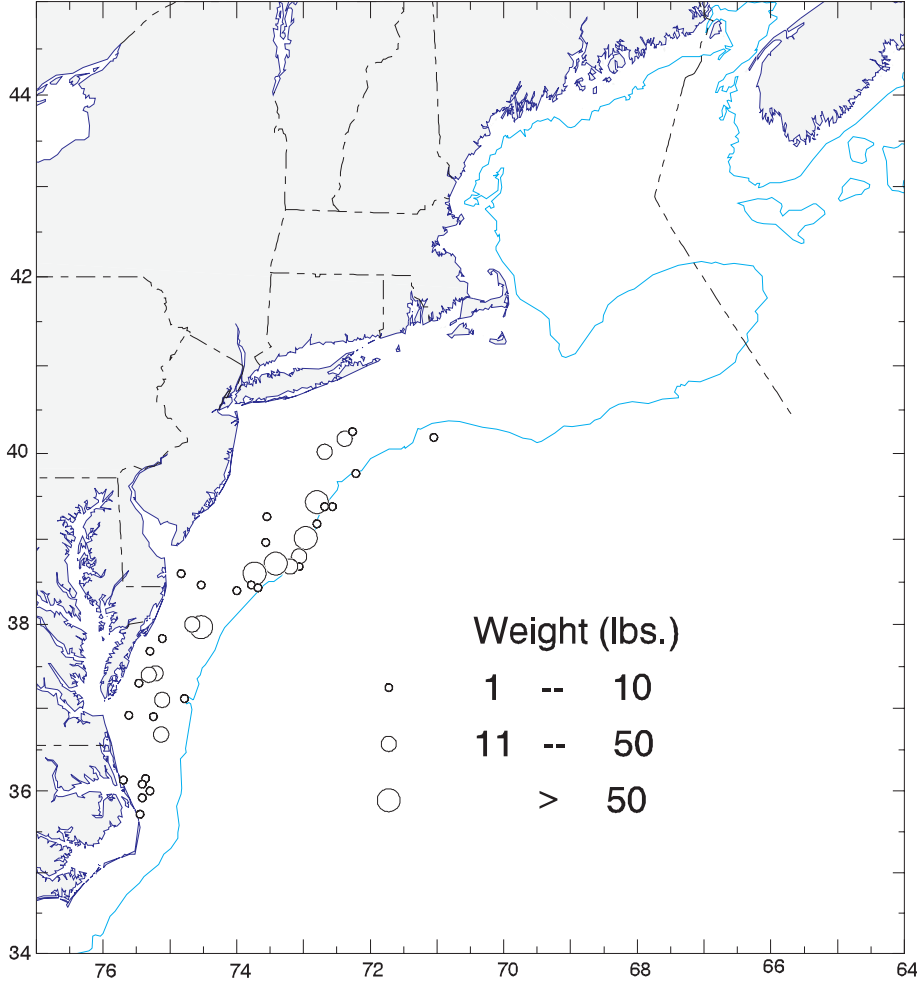
BLACK SEA BASS
NOAA Fisheries Service
Bottom Trawl Survey
March 1 - April 21, 2005



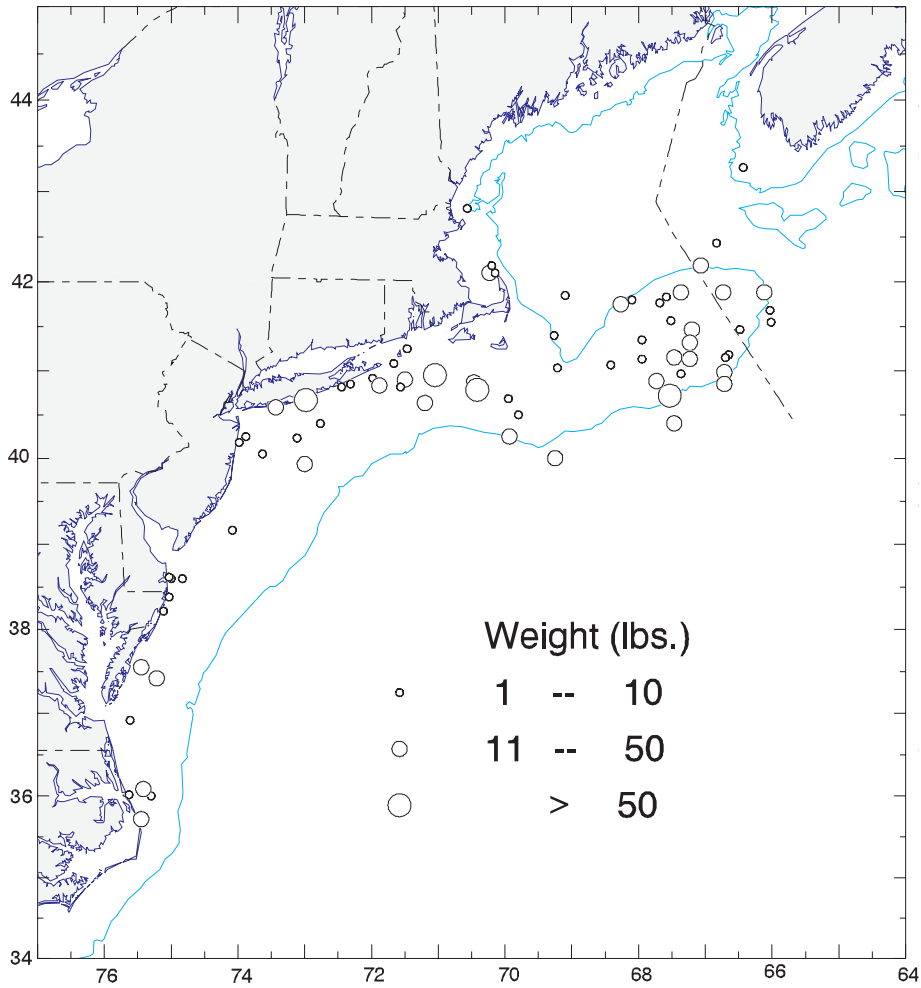
ATLANTIC HERRING
NOAA Fisheries Service
Bottom Trawl Survey
March 1 - April 21, 2005



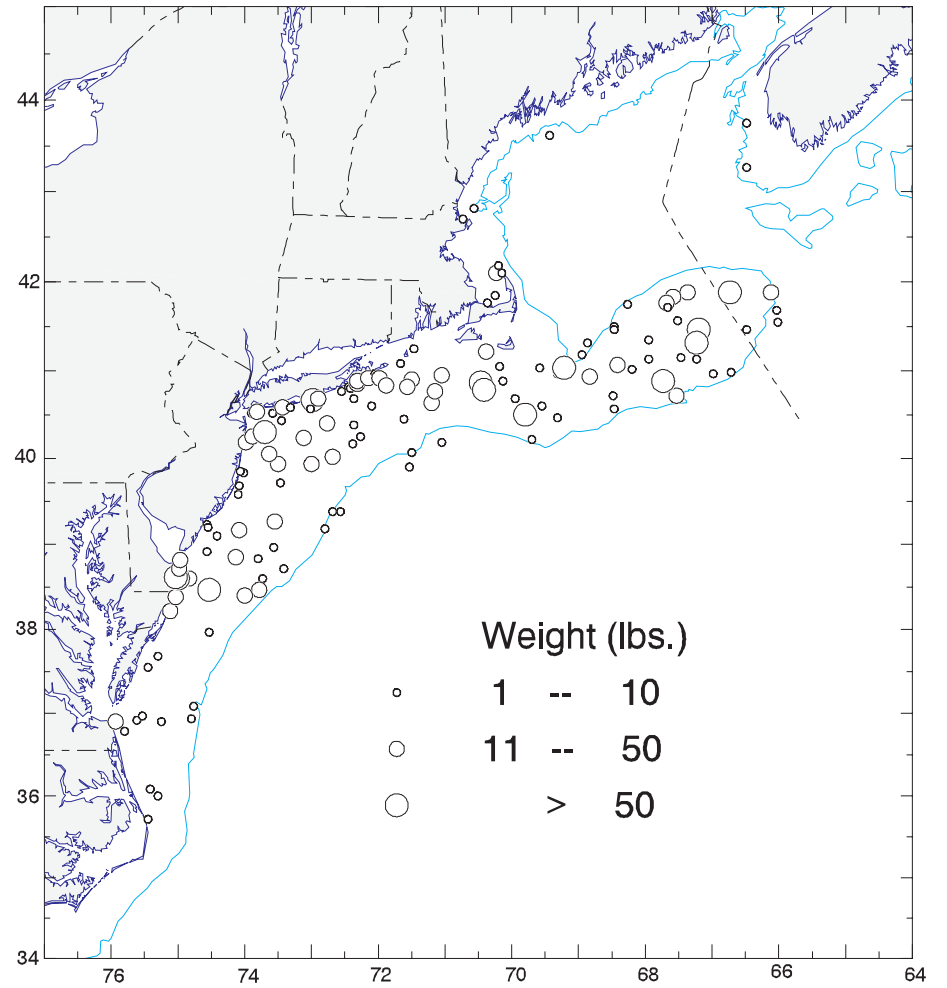
ATLANTIC MACKEREL
NOAA Fisheries Service
Bottom Trawl Survey
March 1 - April 21, 2005



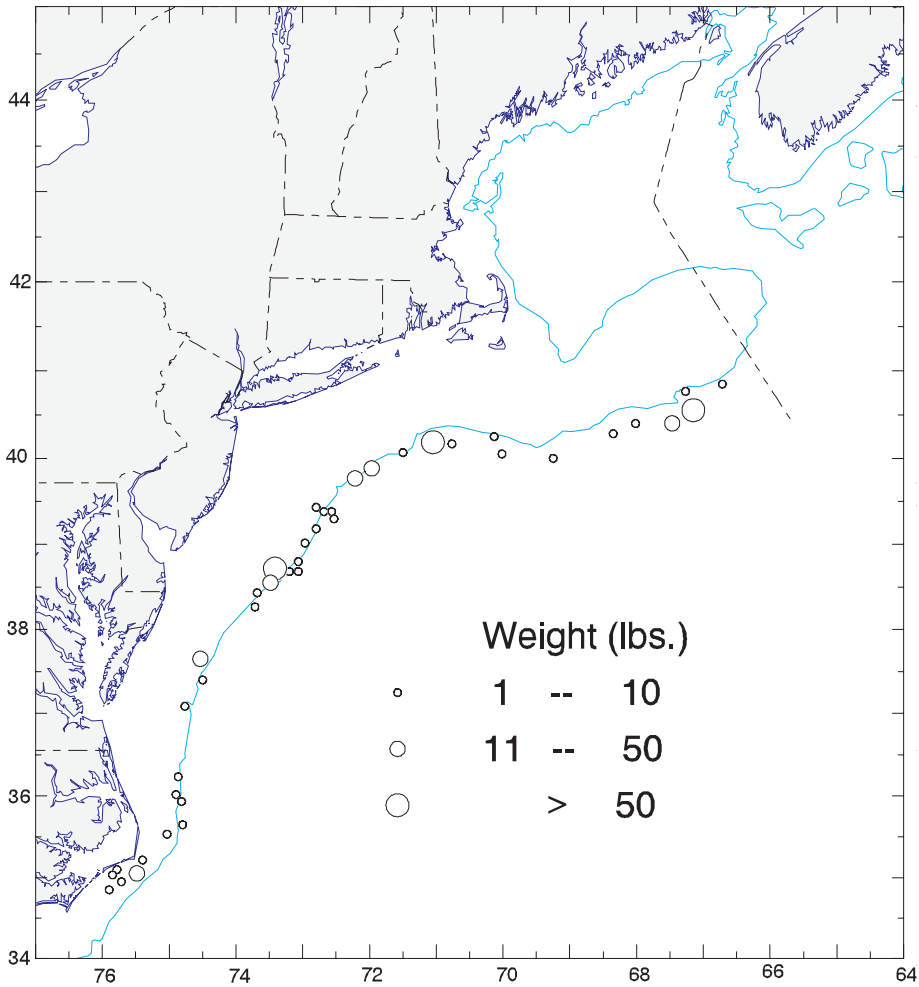
WINTER SKATE
NOAA Fisheries Service
Bottom Trawl Survey
March 1 - April 21, 2005



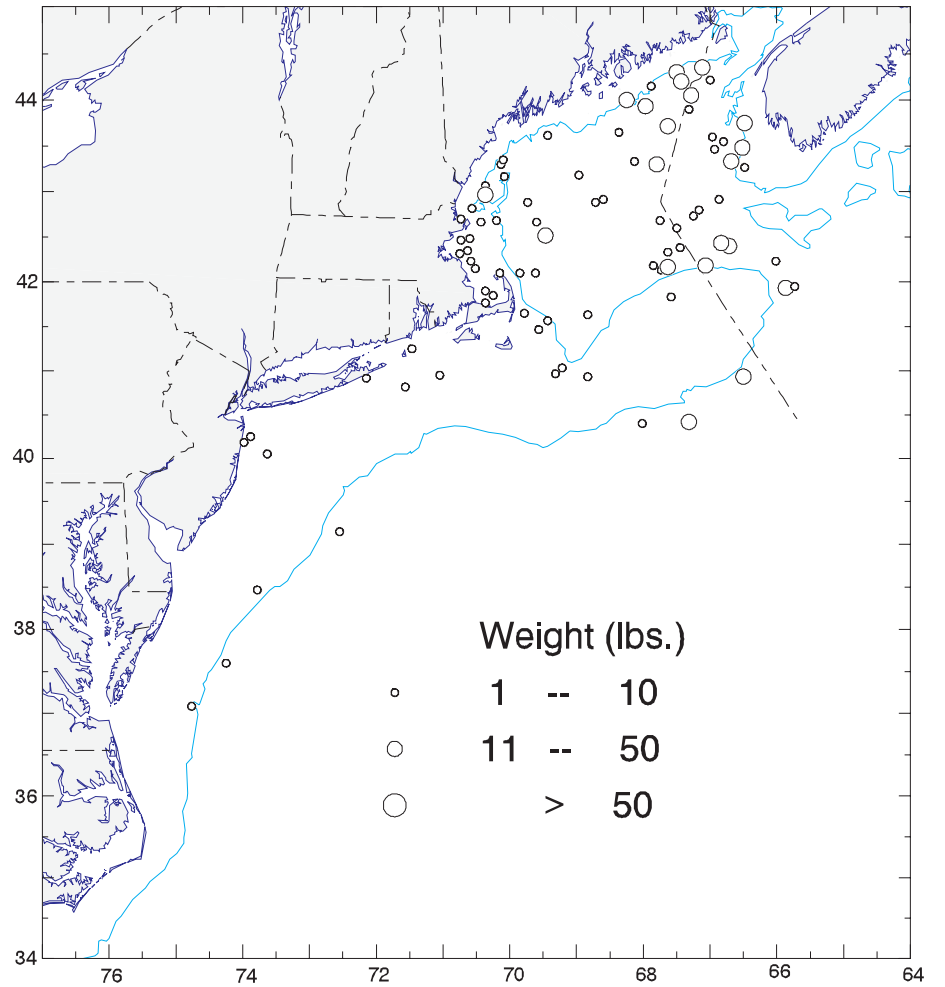
LITTLE SKATE
NOAA Fisheries Service
Bottom Trawl Survey
March 1 - April 21, 2005



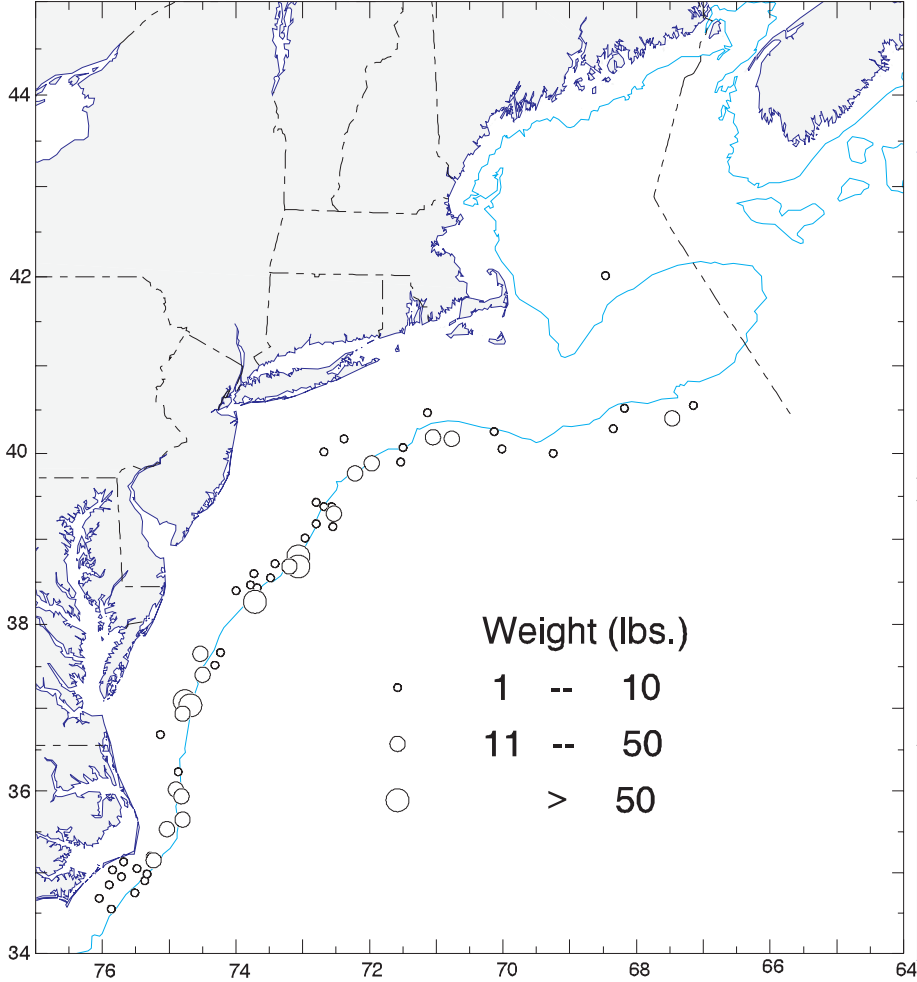
BUTTERFISH
NOAA Fisheries Service
Bottom Trawl Survey
March 1 - April 21, 2005



AMERICAN LOBSTER
NOAA Fisheries Service
Bottom Trawl Survey
March 1 - April 21, 2005



LOLIGO
NOAA Fisheries Service
Bottom Trawl Survey
March 1 - April 21, 2005



ILLEX
NOAA Fisheries Service
Bottom Trawl Survey
March 1 - April 21, 2005

