

FISHERMEN'S REPORT
Preliminary Catch Summary
National Marine Fisheries Service
Northeast Fisheries Science Center
Fall Bottom Trawl Survey
Cape Hatteras - Gulf of Maine
September 3 - October 25, 2002

Submitted to: NOAA, NEFSC

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Date: 2002

Fishermen's Report

Bottom Trawl Survey

Cape Hatteras - Gulf of Maine
September 4 - October 25, 2002
FRV ALBATROSS IV



National Marine Fisheries Service
Northeast Fisheries Science Center
Woods Hole, MA 02543



A crew member aboard the FRV Albatross IV dumps a catch into the checker during the NEFSC Fall Bottom Trawl Survey.

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Attached is a listing and series of geographical plots of commercial and recreational important species caught during the Northeast Fisheries Science Center's 2002 fall bottom trawl survey aboard the *FRV 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).

In an effort to make this report timely, the data are summarized from unaudited catch files generated from the Fisheries Scientific Computer System (FSCS). Therefore, data records in this report are provisional and subject to change.

For further information contact Russell Brown (508-495-2380) or Linda Despres (508-495-2346), National Marine Fisheries Service, 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/fishermens%20reports.htm>**.

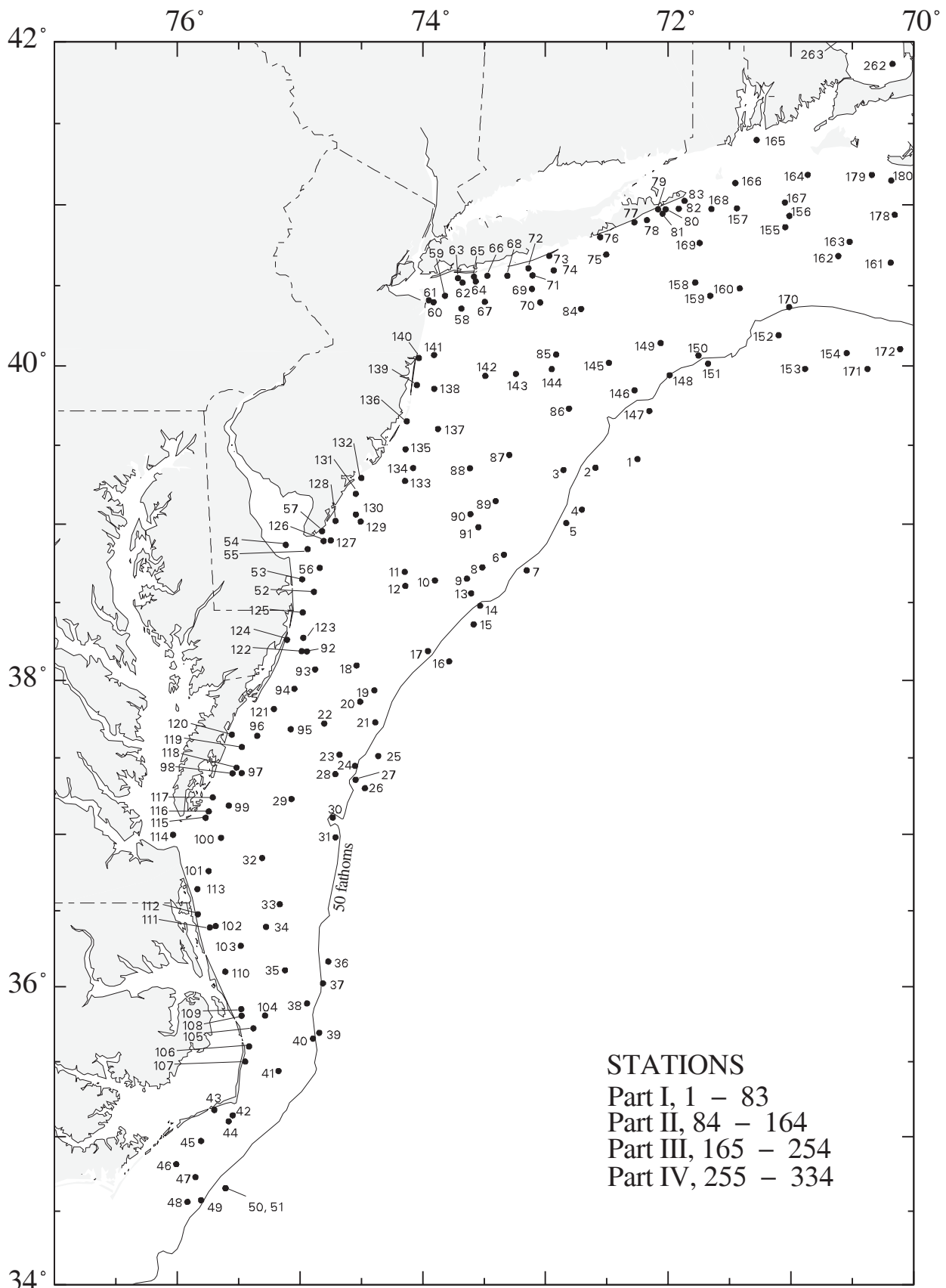


Figure 1. Trawl hauls made from R/V ALBATROSS IV (02 – 09), during National Marine Fisheries Service, Northeast Fisheries Science Center fall bottom trawl survey, September 3 – October 25, 2002.

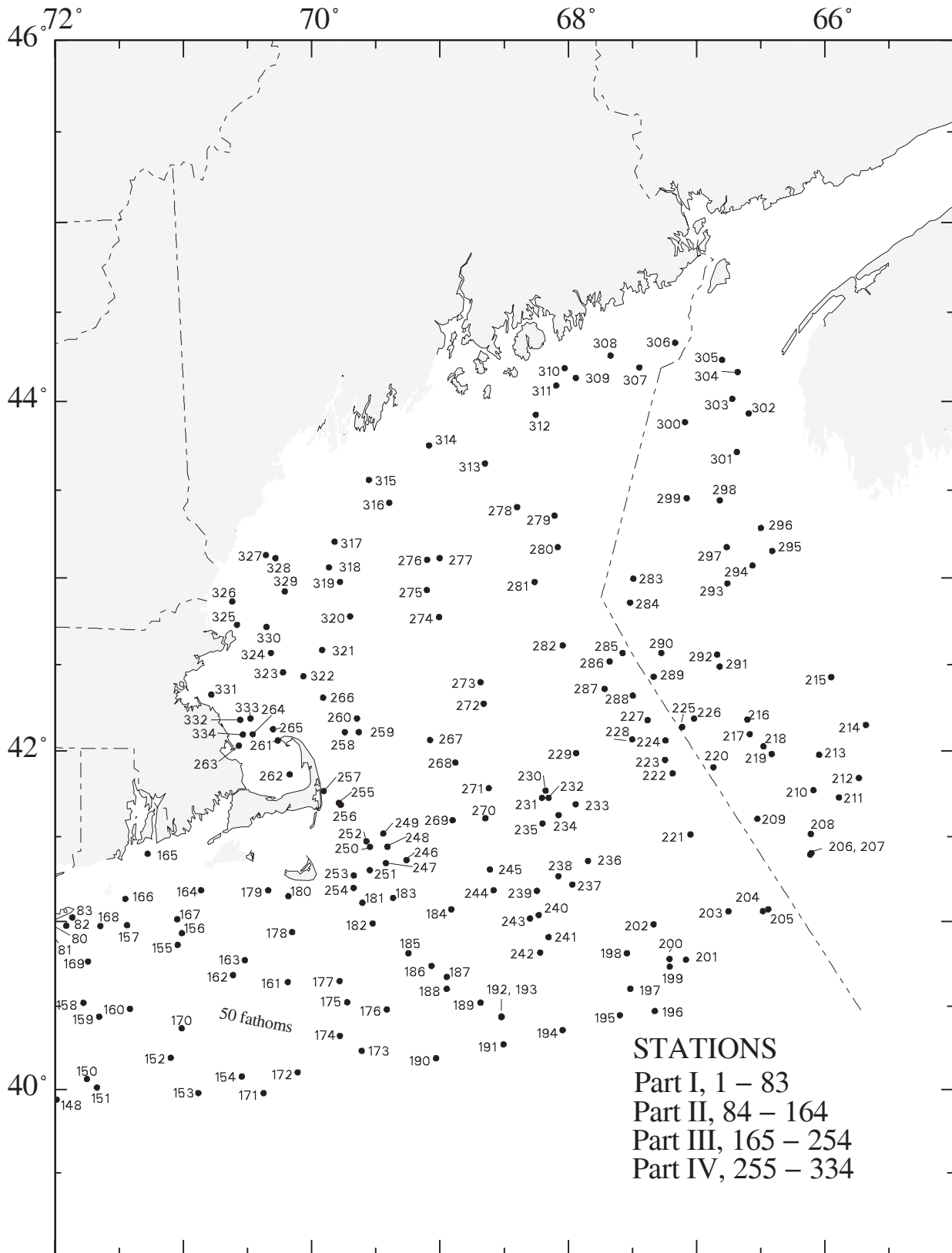


Figure 2. Trawl hauls made from R/V ALBATROSS IV (02 – 09), during National Marine Fisheries Service, Northeast Fisheries Science Center fall bottom trawl survey, September 3 – October 25, 2002
 Map 2 of 2

NMFS-NEFSC FALL BOTTOM TRAWL SURVEY
2002 STATION INFORMATION

Station	Date	Time	Lat	Lon	Loran TD's		Course	Bottom Depth (FM)	Temp (F)
0001	SEP-04	0628	3924.7	7215.0	X26134.9	Y43050.6	330	145.7	41.0
0002	SEP-04	0920	3921.5	7235.5	X26271.4	Y43023.6	274	65.3	55.4
0003	SEP-04	1117	3920.6	7251.2	X26375.5	Y43016.9	177	41.8	45.9
0004	SEP-04	1412	3905.5	7242.2	X26310.6	Y42874.9	010	172.0	46.8
0005	SEP-04	1630	3900.4	7249.8	X26357.1	Y42825.2	201	66.4	54.9
0006	SEP-04	1947	3848.3	7320.3	X26538.0	Y42697.8	124	42.1	46.0
0007	SEP-04	2146	3842.3	7309.2	X26466.9	Y42643.7	043	70.5	53.2
0008	SEP-05	0035	3843.5	7330.8	X26597.3	Y42644.3	223	35.5	46.2
0009	SEP-05	0238	3839.2	7338.4	X26637.8	Y42596.2	279	34.4	46.9
0010	SEP-05	0424	3838.5	7354.0	X26728.8	Y42579.3	284	26.8	49.3
0011	SEP-05	0626	3841.7	7408.8	X26819.8	Y42604.6	200	26.8	53.1
0012	SEP-05	0748	3836.3	7408.5	X26809.9	Y42547.5	096	29.3	53.6
0013	SEP-05	1051	3833.5	7336.3	X26619.7	Y42540.1	122	39.1	47.5
0014	SEP-05	1224	3828.8	7331.9	X26590.0	Y42494.7	215	62.9	46.9
0015	SEP-05	1459	3821.6	7335.1	X26601.4	Y42419.6	149	99.8	49.6
0016	SEP-05	1748	3807.3	7347.1	X26654.5	Y42263.0	303	116.2	45.3
0017	SEP-05	1931	3811.3	7357.5	X26714.7	Y42293.7	255	42.1	49.3
0018	SEP-05	2300	3805.8	7432.3	X26893.2	Y42196.8	145	22.7	64.4
0019	SEP-06	0057	3756.1	7423.6	X26833.8	Y42103.8	221	32.0	51.8
0020	SEP-06	0216	3751.7	7430.6	X26863.3	Y42047.6	224	30.3	55.4
0021	SEP-06	0421	3743.7	7423.2	X26815.2	Y41972.1	268	38.5	48.0
0022	SEP-06	0658	3743.3	7448.2	X26937.8	Y41931.2	188	23.2	65.3
0023	SEP-06	0859	3731.2	7440.7	X26884.1	Y41811.4	175	30.3	53.2
0024	SEP-06	1048	3726.8	7433.1	X26842.0	Y41776.7	002	41.0	50.7
0025	SEP-06	1246	3730.6	7421.8	X26792.1	Y41836.3	204	81.7	54.9
0026	SEP-06	1835	3718.1	7428.3	X26808.6	Y41693.7	000	175.3	44.8
0027	SEP-06	2016	3721.4	7432.8	X26833.8	Y41720.3	272	53.0	56.8
0028	SEP-06	2158	3723.6	7442.7	X26883.2	Y41726.4	233	30.3	53.1
0029	SEP-07	0031	3713.9	7504.2	X26968.1	Y41583.2	108	18.6	73.9
0030	SEP-07	0321	3706.6	7443.9	X26866.9	Y41543.6	262	57.7	51.8
0031	SEP-07	0514	3658.9	7442.6	X26851.6	Y41464.3	239	45.1	50.4
0032	SEP-07	0852	3650.8	7518.5	X26996.6	Y41301.8	170	15.9	71.4
0033	SEP-07	1126	3632.5	7509.9	X26936.0	Y41125.7	193	19.7	67.1
0034	SEP-07	1303	3623.6	7516.6	X26951.8	Y41014.8	165	18.6	69.1
0035	SEP-07	1532	3606.4	7507.3	X26894.7	Y40862.3	097	18.9	67.8
0036	SEP-07	1821	3609.9	7446.2	X26814.5	Y40956.9	178	210.0	46.6
0037	SEP-07	2030	3601.2	7448.8	X26816.7	Y40864.7	190	66.2	59.2
0038	SEP-07	2215	3553.3	7456.6	X26839.4	Y40763.9	156	37.2	57.6
0039	SEP-08	0012	3541.6	7450.6	X26805.8	Y40672.0	186	50.6	59.9
0040	SEP-08	0156	3539.3	7453.6	X26815.3	Y40640.5	230	30.6	60.8
0041	SEP-08	0410	3526.3	7510.5	X26865.8	Y40463.2	212	16.7	76.3
0042	SEP-08	0729	3508.5	7532.9	X26927.8	Y40218.1	283	9.6	78.1
0043	SEP-08	0947	3510.7	7541.9	X26961.2	Y40203.4	133	8.7	78.1
0044	SEP-08	1114	3506.2	7534.9	X26932.3	Y40188.9	240	13.4	78.4
0045	SEP-08	1302	3458.2	7548.4	X26970.1	Y40064.4	229	12.8	79.2
0046	SEP-08	1453	3448.9	7600.5	X27000.5	Y39931.6	136	16.1	79.5
0047	SEP-08	1629	3443.7	7551.1	X26964.0	Y39927.2	201	21.3	81.3
0048	SEP-08	1813	3433.7	7555.0	X26966.9	Y39829.0	061	26.5	75.2

NMFS-NEFSC FALL BOTTOM TRAWL SURVEY
2002 STATION INFORMATION

Station	Date	Time	Lat	Lon	Loran TD's		Course	Bottom Depth (FM)	Temp (F)
0049	SEP-08	1933	3434.3	7548.4	X26946.0	Y39863.8	044	34.4	74.3
0050	SEP-08	2210	3439.3	7536.5	X26911.5	Y39955.0	036	119.8	55.0
0051	SEP-09	0008	3439.2	7536.4	X26911.3	Y39954.3	035	119.8	55.0
0052	SEP-10	0817	3834.1	7453.2	X27056.8	Y42489.5	333	12.8	73.4
0053	SEP-10	0957	3838.9	7459.0	X27098.8	Y42539.3	018	9.3	73.6
0054	SEP-10	1224	3852.1	7507.0	X27174.4	Y42683.3	333	12.0	74.1
0055	SEP-10	1456	3850.5	7456.3	X27110.6	Y42671.5	093	7.1	74.1
0056	SEP-10	1642	3843.3	7450.3	X27060.9	Y42594.7	022	9.6	74.1
0057	SEP-10	1917	3857.3	7449.2	X27086.5	Y42753.0	051	6.0	73.8
0058	SEP-11	0644	4021.4	7341.1	X26829.0	Y43631.4	302	14.2	69.8
0059	SEP-11	0814	4026.2	7349.1	X26903.7	Y43686.5	213	17.0	56.8
0060	SEP-11	0938	4023.8	7354.7	X26940.4	Y43668.1	295	10.4	67.6
0061	SEP-11	1110	4024.5	7357.0	X26960.2	Y43677.6	019	7.4	69.4
0062	SEP-11	1510	4031.1	7340.5	X26849.3	Y43725.5	299	9.6	69.6
0063	SEP-11	1720	4032.7	7342.7	X26871.0	Y43743.8	115	9.0	69.6
0064	SEP-11	2023	4031.6	7334.1	X26799.2	Y43722.8	273	10.1	69.4
0065	SEP-11	2132	4033.3	7334.9	X26810.0	Y43740.5	092	7.1	69.4
0066	SEP-11	2257	4033.6	7328.4	X26758.7	Y43736.1	254	8.2	69.1
0067	SEP-12	0042	4023.9	7329.6	X26745.6	Y43644.8	039	14.2	69.6
0068	SEP-12	0252	4033.7	7318.6	X26679.3	Y43724.8	114	10.9	68.9
0069	SEP-12	0434	4028.7	7306.6	X26571.9	Y43665.7	147	16.7	63.3
0070	SEP-12	0555	4023.7	7302.6	X26530.1	Y43615.0	341	20.5	54.7
0071	SEP-12	0738	4033.8	7306.3	X26579.4	Y43711.6	322	12.8	64.6
0072	SEP-12	0850	4036.4	7308.3	X26601.7	Y43738.1	054	10.9	68.5
0073	SEP-12	1025	4041.1	7258.1	X26527.0	Y43767.1	063	7.4	68.4
0074	SEP-12	1236	4035.7	7256.0	X26498.3	Y43716.5	047	16.7	68.0
0075	SEP-12	1503	4041.6	7230.3	X26294.5	Y43736.2	027	18.3	57.2
0076	SEP-12	1701	4048.0	7233.2	X26330.2	Y43794.4	084	9.8	64.6
0077	SEP-12	1856	4053.5	7216.5	X26196.5	Y43817.5	062	9.0	62.6
0078	SEP-12	2013	4054.3	7210.4	X26144.9	Y43815.6	049	12.0	57.9
0079	SEP-12	2124	4058.3	7204.9	X26104.1	Y43839.9	068	6.6	60.8
0080	SEP-12	2248	4058.3	7201.2	X26071.8	Y43834.5	251	9.8	58.9
0081	SEP-13	0043	4056.7	7202.7	X26081.7	Y43824.0	091	14.2	58.9
0082	SEP-13	0154	4058.6	7154.8	X26015.8	Y43827.4	028	12.3	57.8
0083	SEP-13	0259	4101.5	7152.0	X25995.8	Y43846.0	115	12.8	63.3
0084	SEP-17	0214	4021.3	7242.6	X26366.3	Y43573.3	204	27.6	49.8
0085	SEP-17	0445	4004.2	7254.8	X26439.8	Y43427.9	171	28.2	47.7
0086	SEP-17	0724	3943.8	7248.5	X26372.6	Y43234.9	231	39.6	47.5
0087	SEP-17	1044	3926.3	7317.7	X26559.6	Y43075.0	266	19.4	62.3
0088	SEP-17	1248	3921.2	7336.9	X26682.1	Y43026.0	136	22.1	50.2
0089	SEP-17	1506	3908.8	7324.3	X26583.4	Y42901.0	213	31.4	48.0
0090	SEP-17	1702	3903.8	7336.7	X26656.4	Y42848.5	155	27.9	52.7
0091	SEP-17	1821	3858.8	7332.8	X26625.6	Y42798.9	232	26.8	48.6
0092	SEP-18	0220	3811.2	7456.6	X27028.7	Y42229.2	161	12.0	74.1
0093	SEP-18	0557	3804.2	7452.6	X26995.2	Y42156.4	220	16.4	64.8
0094	SEP-18	0738	3756.7	7502.8	X27032.4	Y42060.5	184	10.9	74.5
0095	SEP-18	1046	3741.0	7504.5	X27013.1	Y41882.6	268	15.3	74.1
0096	SEP-18	1534	3738.5	7521.0	X27086.0	Y41829.3	204	8.7	75.0

NMFS-NEFSC FALL BOTTOM TRAWL SURVEY
2002 STATION INFORMATION

Station	Date	Time	Lat	Lon	Loran		Course	Bottom	Temp
					TD's			Depth (FM)	
0097	SEP-18	1741	3724.0	7528.5	X27093.8	Y41653.1	168	12.8	75.2
0098	SEP-18	1906	3723.9	7533.0	X27113.7	Y41644.5	185	8.5	75.2
0099	SEP-18	2210	3711.3	7534.8	X27099.1	Y41498.2	196	10.1	75.9
0100	SEP-19	0043	3658.7	7538.6	X27093.6	Y41348.6	201	10.1	74.1
0101	SEP-19	0255	3645.6	7544.7	X27097.2	Y41189.1	183	10.1	74.3
0102	SEP-19	0536	3623.9	7541.3	X27050.3	Y40956.3	124	12.6	73.2
0103	SEP-19	0749	3616.1	7529.0	X26991.3	Y40903.3	000	15.3	73.0
0104	SEP-19	1203	3548.4	7517.1	X26912.6	Y40652.8	218	17.5	75.6
0105	SEP-19	1352	3543.3	7522.8	X26928.2	Y40584.5	174	13.4	77.0
0106	SEP-19	1520	3536.1	7525.0	X26928.3	Y40506.5	047	10.9	77.2
0107	SEP-19	1738	3530.1	7526.8	X26928.5	Y40441.7	200	7.4	76.1
0108	SEP-19	2039	3548.4	7528.6	X26955.4	Y40616.4	352	11.2	75.4
0109	SEP-19	2340	3500.5	7528.8	X26905.6	Y40163.2	359	10.9	75.4
0110	SEP-20	0227	3605.9	7536.5	X27007.1	Y40774.3	000	12.3	75.2
0111	SEP-20	0451	3623.4	7544.1	X27060.7	Y40943.1	314	10.9	76.1
0112	SEP-20	0622	3628.6	7549.9	X27091.2	Y40987.2	333	6.3	76.5
0113	SEP-20	0916	3638.5	7550.2	X27107.8	Y41097.7	338	8.5	76.6
0114	SEP-20	1400	3659.9	7602.1	X27192.7	Y41317.6	141	7.7	75.7
0115	SEP-20	1642	3706.5	7546.1	X27138.9	Y41423.2	008	6.6	75.4
0116	SEP-20	1840	3709.0	7544.7	X27137.1	Y41454.5	047	7.7	76.3
0117	SEP-20	2024	3714.5	7542.7	X27138.5	Y41520.8	000	5.2	75.0
0118	SEP-20	2225	3726.1	7531.1	X27109.1	Y41673.2	020	10.4	75.4
0119	SEP-21	0027	3734.1	7528.4	X27112.1	Y41768.4	013	8.7	75.4
0120	SEP-21	0214	3739.0	7533.4	X27143.9	Y41816.2	013	5.7	73.4
0121	SEP-21	0444	3748.9	7512.8	X27066.7	Y41959.1	027	11.2	71.6
0122	SEP-21	0735	3811.3	7459.2	X27042.0	Y42227.6	005	10.4	73.4
0123	SEP-21	1000	3816.4	7458.4	X27048.2	Y42286.2	333	10.7	74.8
0124	SEP-21	1223	3815.7	7506.4	X27087.7	Y42269.5	208	6.3	74.3
0125	SEP-21	1458	3826.2	7458.7	X27069.7	Y42396.1	161	9.3	71.1
0126	SEP-21	1837	3853.5	7448.5	X27073.3	Y42710.9	082	8.2	66.7
0127	SEP-21	2028	3853.8	7445.0	X27053.9	Y42715.6	033	8.2	72.0
0128	SEP-21	2153	3901.2	7442.7	X27057.2	Y42799.3	097	6.8	66.9
0129	SEP-21	2335	3901.0	7430.4	X26983.6	Y42801.6	335	9.0	65.5
0130	SEP-22	0107	3903.7	7432.7	X27003.3	Y42830.4	007	9.3	61.2
0131	SEP-22	0237	3911.6	7432.7	X27021.3	Y42917.2	024	8.2	62.8
0132	SEP-22	0414	3917.6	7400.3	X26829.3	Y42987.3	069	5.7	63.7
0133	SEP-22	0637	3916.4	7408.6	X26880.8	Y42974.3	033	14.8	63.0
0134	SEP-22	0756	3921.4	7404.7	X26865.3	Y43026.9	346	12.8	65.3
0135	SEP-22	0916	3928.5	7408.4	X26904.1	Y43102.1	327	9.8	68.2
0136	SEP-22	1105	3939.0	7407.8	X26923.3	Y43214.2	090	9.0	57.4
0137	SEP-22	1303	3936.2	7352.5	X26813.3	Y43180.7	354	15.0	60.1
0138	SEP-22	1508	3951.3	7354.4	X26857.6	Y43337.6	274	12.0	64.4
0139	SEP-22	1626	3952.7	7402.9	X26921.4	Y43356.2	007	10.4	61.1
0140	SEP-22	1817	4002.9	7401.9	X26939.3	Y43461.1	007	8.7	62.6
0141	SEP-22	2023	4004.0	7354.5	X26887.8	Y43467.9	137	12.8	49.1
0142	SEP-22	2308	3956.1	7329.4	X26686.9	Y43373.7	104	23.0	46.9
0143	SEP-23	0114	3956.9	7314.4	X26577.6	Y43372.6	118	39.9	47.7
0144	SEP-23	0314	3958.7	7256.9	X26449.4	Y43378.6	102	28.7	48.4

NMFS-NEFSC FALL BOTTOM TRAWL SURVEY
2002 STATION INFORMATION

Station	Date	Time	Lat	Lon	Loran TD's		Course	Bottom Depth (FM)	Temp (F)
0145	SEP-23	0609	4001.0	7228.9	X26240.7	Y43381.6	136	36.6	53.6
0146	SEP-23	0812	3950.7	7216.4	X26144.1	Y43282.4	141	46.8	55.2
0147	SEP-23	1003	3942.9	7209.2	X26092.5	Y43210.3	037	66.7	54.9
0148	SEP-23	1222	3956.4	7159.3	X26019.6	Y43322.3	123	52.5	49.1
0149	SEP-23	1532	4008.5	7203.7	X26051.9	Y43428.1	107	38.3	54.9
0150	SEP-23	1746	4003.8	7145.1	X25913.7	Y43375.5	134	49.5	55.2
0151	SEP-23	1907	4000.8	7140.5	X25881.3	Y43347.1	087	51.9	54.7
0152	SEP-23	2236	4011.4	7106.0	X25624.5	Y43408.8	076	68.9	53.1
0153	SEP-24	0159	3958.8	7053.0	X25562.5	Y43302.8	086	183.2	50.7
0154	SEP-24	0440	4004.7	7032.7	X25427.2	Y43335.9	067	69.4	55.4
0155	SEP-24	2222	4051.8	7102.7	X25558.2	Y43709.5	028	31.7	50.5
0156	SEP-24	2357	4055.9	7100.7	X25541.2	Y43737.3	286	28.2	52.9
0157	SEP-25	0225	4058.7	7126.3	X25766.3	Y43790.3	267	26.2	54.1
0158	SEP-25	2155	4031.1	7146.8	X25922.8	Y43600.6	015	37.5	48.7
0159	SEP-26	0020	4026.2	7139.4	X25863.1	Y43553.4	080	42.4	50.7
0160	SEP-26	0240	4029.0	7125.0	X25748.1	Y43561.5	098	38.3	51.3
0161	SEP-26	1638	4038.5	7011.2	X25205.5	Y43562.1	251	26.8	54.1
0162	SEP-26	1908	4000.4	7036.8	X25461.5	Y43305.9	030	32.3	52.9
0163	SEP-26	2049	4046.3	7031.2	X25312.0	Y43635.9	356	29.5	54.5
0164	SEP-27	0018	4111.1	7051.7	X25473.9	Y43833.2	277	6.6	64.2
0165	OCT-01	1721	4124.0	7116.7	X25729.5	Y43958.2	156	15.9	62.2
0166	OCT-01	1953	4108.1	7127.1	X25786.6	Y43860.3	156	15.9	65.5
0167	OCT-01	2358	4100.9	7102.9	X25562.3	Y43775.6	259	25.2	58.5
0168	OCT-02	0330	4058.5	7138.8	X25875.5	Y43804.8	193	24.6	54.5
0169	OCT-02	0536	4045.8	7144.6	X25912.2	Y43714.9	160	32.5	51.4
0170	OCT-02	1048	4000.2	7100.8	X25609.1	Y43318.3	130	45.1	55.6
0171	OCT-02	1538	3958.8	7022.5	X25388.0	Y43285.9	269	171.2	48.2
0172	OCT-02	1825	4006.2	7006.5	X25288.5	Y43331.2	093	79.0	53.4
0173	OCT-02	2129	4013.9	6936.6	W14066.0	Y43367.1	273	44.0	55.4
0174	OCT-02	2327	4019.3	6946.8	W14100.4	Y43410.2	195	42.9	55.2
0175	OCT-03	0156	4031.3	6943.4	W14042.0	Y43489.4	096	37.2	55.0
0176	OCT-03	0410	4028.8	6924.9	W13956.2	Y43458.3	259	35.8	56.7
0177	OCT-03	0708	4038.9	6947.0	W14034.0	Y43542.9	300	29.8	55.4
0178	OCT-03	1028	4056.3	7009.1	X25132.9	Y43681.1	331	13.4	62.1
0179	OCT-03	1259	4111.1	7020.4	X25192.0	Y43792.8	106	16.7	62.8
0180	OCT-03	1428	4100.1	7010.9	X25131.9	Y43708.4	161	12.6	64.9
0181	OCT-03	2017	4106.7	6936.3	W13871.4	Y43713.7	181	18.3	59.9
0182	OCT-03	2215	4059.4	6931.5	W13875.4	Y43662.1	198	23.5	58.1
0183	OCT-04	0130	4108.4	6921.9	W13788.5	Y43709.1	068	26.0	53.2
0184	OCT-04	0541	4104.4	6854.7	W13665.9	Y43657.4	139	41.3	56.3
0185	OCT-04	0909	4048.8	6914.8	W13830.3	Y43579.5	191	30.9	62.6
0186	OCT-04	1104	4044.3	6904.0	W13793.6	Y43542.0	021	42.1	61.7
0187	OCT-04	1311	4040.4	6856.8	W13773.4	Y43511.9	184	35.8	61.9
0188	OCT-04	1421	4036.1	6856.8	W13789.8	Y43485.1	102	37.7	57.4
0189	OCT-04	1638	4031.2	6841.0	W13732.3	Y43443.4	238	39.6	55.6
0190	OCT-04	2007	4011.3	6901.9	W13903.9	Y43329.7	105	73.5	54.9
0191	OCT-04	2338	4016.2	6830.3	W13737.8	Y43344.5	067	78.7	54.7
0192	OCT-05	0153	4026.0	6831.2	W13705.9	Y43405.4	046	49.8	58.6

NMFS-NEFSC FALL BOTTOM TRAWL SURVEY
2002 STATION INFORMATION

Station	Date	Time	Lat	Lon	Loran TD's		Course	Bottom Depth (FM)	Temp (F)
0193	OCT-05	0308	4026.2	6831.2	W13705.0	Y43406.7	042	50.0	58.6
0194	OCT-05	0639	4021.4	6802.7	W13593.8	Y43361.3	074	80.4	55.6
0195	OCT-05	1018	4026.7	6735.9	W13457.3	Y43378.5	067	77.4	52.7
0196	OCT-05	1253	4028.2	6719.5	W13383.0	Y43378.9	247	118.4	52.9
0197	OCT-05	1507	4036.2	6731.0	W13398.5	Y43429.9	035	53.0	56.1
0198	OCT-05	1713	4048.8	6732.5	W13352.6	Y43501.9	097	44.3	52.7
0199	OCT-05	1944	4000.4	6712.6	W13461.2	Y43219.2	325	53.3	54.0
0200	OCT-05	2059	4046.8	6712.6	W13278.4	Y43478.1	111	53.3	52.0
0201	OCT-05	2231	4046.5	6705.0	W13248.6	Y43471.8	312	52.8	56.5
0202	OCT-06	0114	4059.0	6720.1	W13256.3	Y43549.7	079	40.2	55.0
0203	OCT-06	0446	4103.7	6645.1	W13095.6	Y43550.5	087	42.1	55.4
0204	OCT-06	0704	4103.7	6629.0	W13034.4	Y43540.5	188	59.1	53.6
0205	OCT-06	0845	4104.4	6626.5	W13022.3	Y43542.2	036	102.3	55.6
0206	OCT-06	1226	4124.2	6606.2	W12859.5	Y43627.6	009	72.2	53.2
0207	OCT-06	1351	4123.7	6606.8	W12863.8	Y43625.5	358	73.5	53.2
0208	OCT-06	1535	4130.9	6606.5	W12829.1	Y43660.3	332	56.0	48.4
0209	OCT-06	1816	4136.3	6631.6	W12893.3	Y43705.4	079	44.0	58.1
0210	OCT-06	2118	4146.3	6605.3	W12751.0	Y43732.6	119	52.2	50.9
0211	OCT-06	2309	4143.8	6553.4	W12723.1	Y43711.5	045	65.9	48.7
0212	OCT-07	0120	4150.6	6544.1	W12659.5	Y43736.0	358	142.7	48.0
0213	OCT-07	0417	4158.7	6602.7	W12680.6	Y43788.3	039	51.9	49.5
0214	OCT-07	0828	4209.1	6540.8	W12557.5	Y43817.1	026	135.9	46.9
0215	OCT-07	1210	4225.7	6557.0	W12522.9	Y43905.0	205	119.8	52.2
0216	OCT-07	1720	4211.0	6636.2	W12735.5	Y43875.6	116	114.3	47.3
0217	OCT-07	1850	4205.9	6635.1	W12758.0	Y43850.8	105	45.9	45.3
0218	OCT-07	2023	4201.6	6628.7	W12756.7	Y43824.7	135	45.9	49.3
0219	OCT-07	2147	4100.6	6624.9	W13033.2	Y43522.0	162	45.7	51.8
0220	OCT-08	0110	4154.3	6652.1	W12881.6	Y43811.4	254	37.2	60.4
0221	OCT-08	0406	4130.8	6702.8	W13040.1	Y43703.6	339	32.3	61.0
0222	OCT-08	0707	4152.2	6711.2	W12968.4	Y43819.1	330	35.5	62.4
0223	OCT-08	0838	4156.9	6714.7	W12958.6	Y43846.0	357	27.6	61.7
0224	OCT-08	1006	4203.7	6714.5	W12922.6	Y43879.1	011	27.6	60.6
0225	OCT-08	1136	4208.4	6706.8	W12866.5	Y43893.9	053	43.7	58.8
0226	OCT-08	1610	4211.3	6701.2	W12828.7	Y43902.1	287	94.3	47.1
0227	OCT-08	1906	4210.8	6722.9	W12919.9	Y43922.5	253	108.3	46.9
0228	OCT-08	2054	4204.1	6730.1	W12986.0	Y43897.3	213	37.5	55.0
0229	OCT-09	0042	4159.3	6756.3	W13126.6	Y43902.0	209	95.4	46.2
0230	OCT-09	0310	4146.2	6810.6	W13259.3	Y43849.2	228	32.3	48.0
0231	OCT-09	0431	4143.7	6812.3	W13279.9	Y43837.6	108	22.7	54.0
0232	OCT-09	0555	4143.7	6809.2	W13265.1	Y43834.2	097	22.7	55.2
0233	OCT-09	0744	4141.4	6756.5	W13218.0	Y43808.9	168	16.7	61.9
0234	OCT-09	0923	4137.6	6804.5	W13273.3	Y43796.9	171	20.2	63.1
0235	OCT-09	1112	4134.7	6812.1	W13322.6	Y43788.6	146	21.9	63.7
0236	OCT-09	1347	4121.5	6750.7	W13287.1	Y43696.2	252	21.3	63.1
0237	OCT-09	1527	4113.1	6758.1	W13358.3	Y43656.8	311	27.6	61.9
0238	OCT-09	1659	4116.1	6804.6	W13374.4	Y43678.9	263	24.3	63.0
0239	OCT-09	1829	4110.9	6814.7	W13444.3	Y43658.8	156	21.6	63.7
0240	OCT-09	2006	4102.3	6813.8	W13477.8	Y43609.1	113	22.1	61.5

NMFS-NEFSC FALL BOTTOM TRAWL SURVEY
2002 STATION INFORMATION

Station	Date	Time	Lat	Lon	Loran TD's		Course	Bottom Depth (FM)	Temp (F)
0241	OCT-09	2149	4054.5	6809.2	W13490.1	Y43560.2	206	31.7	60.4
0242	OCT-09	2314	4049.0	6813.1	W13531.0	Y43531.2	325	29.0	57.9
0243	OCT-10	0105	4101.1	6817.9	W13502.2	Y43605.5	261	24.3	60.1
0244	OCT-10	0332	4111.1	6834.9	W13539.8	Y43678.5	340	34.4	61.7
0245	OCT-10	0509	4118.5	6836.7	W13515.5	Y43722.8	273	40.2	61.3
0246	OCT-10	0843	4121.8	6915.6	W13698.2	Y43783.8	320	61.5	45.0
0247	OCT-10	1031	4120.7	6925.3	W13754.1	Y43788.0	327	19.4	55.7
0248	OCT-10	1213	4126.5	6924.6	W13724.9	Y43822.2	004	27.1	52.5
0249	OCT-10	1330	4131.1	6926.6	W13715.1	Y43852.2	313	32.3	50.5
0250	OCT-10	1455	4126.4	6932.8	W13769.3	Y43831.6	181	18.0	53.4
0251	OCT-10	1637	4118.2	6932.8	W13805.1	Y43781.6	332	14.2	54.9
0252	OCT-10	1833	4128.4	6934.4	W13769.6	Y43845.7	320	16.7	53.4
0253	OCT-10	2103	4116.3	6940.3	W13853.2	Y43778.5	179	14.8	55.9
0254	OCT-10	2224	4111.9	6940.4	W13872.3	Y43751.1	007	12.6	57.9
0255	OCT-15	2347	4141.9	6947.2	W13780.1	Y43943.4	319	26.5	54.5
0256	OCT-16	0051	4141.2	6946.4	W13778.7	Y43938.0	129	27.9	54.5
0257	OCT-16	0257	4146.0	6954.4	W13801.5	Y43977.9	001	10.4	56.7
0258	OCT-16	0612	4206.6	6944.5	W13646.1	Y44082.3	009	116.2	45.3
0259	OCT-16	0813	4206.6	6938.0	W13608.8	Y44072.6	021	126.6	45.7
0260	OCT-16	0948	4211.4	6938.8	W13589.6	Y44100.2	305	129.3	46.0
0261	OCT-16	1427	4203.7	7015.9	X25460.5	Y44114.5	165	30.6	50.5
0262	OCT-16	1921	4151.8	7010.3	X25344.1	Y44036.0	033	9.6	55.2
0263	OCT-17	0607	4201.9	7000.3	X25366.9	Y44079.9	352	15.0	56.5
0264	OCT-17	0729	4205.9	7027.6	X25546.6	Y44146.6	330	29.5	49.3
0265	OCT-17	0932	4207.6	7018.1	X25500.7	Y44141.0	239	35.5	50.4
0266	OCT-17	1244	4218.6	6954.7	W13643.9	Y44164.7	106	111.8	45.3
0267	OCT-17	1735	4203.9	6904.7	W13440.2	Y44010.4	130	94.9	45.3
0268	OCT-17	1945	4156.0	6852.8	W13418.0	Y43951.9	176	81.7	43.5
0269	OCT-17	2241	4135.8	6854.1	W13523.0	Y43841.0	101	72.7	44.4
0270	OCT-18	0041	4136.5	6838.8	W13442.7	Y43827.5	004	74.4	44.8
0271	OCT-18	0231	4147.0	6837.2	W13383.8	Y43883.9	357	90.5	45.0
0272	OCT-18	0604	4216.5	6839.5	W13243.5	Y44043.4	337	110.2	45.3
0273	OCT-18	0742	4224.0	6800.4	W13013.0	Y44030.4	326	111.5	45.7
0274	OCT-18	1107	4246.5	6900.4	W13183.8	Y44223.0	322	97.6	45.3
0275	OCT-18	1304	4255.8	6906.1	W13159.4	Y44276.4	011	93.2	45.1
0276	OCT-18	1510	4306.2	6900.1	W13062.9	Y44315.3	082	83.1	45.3
0277	OCT-18	1702	4306.7	6900.2	W13059.9	Y44317.9	056	84.5	46.2
0278	OCT-18	2057	4324.2	6823.9	W12761.1	Y44338.7	108	100.3	46.6
0279	OCT-18	2325	4321.3	6806.4	W12696.1	Y44300.5	173	120.3	45.9
0280	OCT-19	0121	4310.5	6804.9	W12758.1	Y44251.9	209	103.6	46.2
0281	OCT-19	0355	4258.6	6815.7	W12883.2	Y44214.2	176	95.1	47.1
0282	OCT-19	0731	4236.7	6802.6	W12951.0	Y44094.7	053	102.8	48.4
0283	OCT-19	1207	4259.7	6729.6	W12668.7	Y44157.1	256	120.0	48.4
0284	OCT-19	1400	4251.5	6731.1	W12724.6	Y44122.4	221	125.2	47.8
0285	OCT-19	1705	4234.1	6734.6	W12840.8	Y44047.0	170	117.3	46.9
0286	OCT-19	1950	4231.2	6740.6	W12883.6	Y44040.7	171	115.4	47.1
0287	OCT-19	2307	4221.7	6743.0	W12947.0	Y43998.1	247	117.3	47.1
0288	OCT-20	0147	4219.3	6729.8	W12902.9	Y43971.4	078	165.7	46.9

NMFS-NEFSC FALL BOTTOM TRAWL SURVEY
2002 STATION INFORMATION

Station	Date	Time	Lat	Lon	Loran TD's		Course	Bottom Depth (FM)	Temp (F)
0289	OCT-20	0519	4225.9	6720.0	W12825.6	Y43991.5	086	188.4	46.9
0290	OCT-20	0752	4234.1	6716.5	W12764.9	Y44025.7	085	160.5	46.9
0291	OCT-20	1130	4229.4	6649.2	W12684.4	Y43973.7	099	164.0	47.3
0292	OCT-20	1339	4233.5	6650.4	W12665.8	Y43993.7	279	138.9	47.3
0293	OCT-20	1736	4258.1	6645.6	W12507.1	Y44096.5	046	105.3	49.3
0294	OCT-20	2017	4304.2	6633.8	W12429.5	Y44109.0	319	64.8	52.7
0295	OCT-20	2304	4309.2	6624.6	W12369.1	Y44119.2	026	49.5	53.4
0296	OCT-21	0127	4317.1	6629.9	W12339.6	Y44157.5	069	35.8	53.6
0297	OCT-21	0419	4310.5	6645.9	W12434.2	Y44149.2	310	82.3	52.7
0298	OCT-21	0700	4326.5	6649.1	W12346.9	Y44218.8	269	112.1	50.2
0299	OCT-21	0908	4327.2	6704.6	W12398.0	Y44241.2	353	121.9	49.1
0300	OCT-21	1250	4353.1	6705.4	W12232.3	Y44343.5	120	86.4	50.0
0301	OCT-21	1606	4343.0	6641.2	W12215.4	Y44273.6	017	87.2	52.7
0302	OCT-21	1810	4356.0	6635.6	W12113.3	Y44316.0	031	47.0	52.9
0303	OCT-21	2029	4400.9	6643.3	W12105.2	Y44343.9	034	58.8	52.7
0304	OCT-22	0045	4400.1	6640.8	W12102.6	Y44337.7	065	38.3	52.5
0305	OCT-22	0304	4414.0	6648.0	W12031.9	Y44397.5	207	102.3	50.9
0306	OCT-22	0601	4419.8	6710.0	W12064.0	Y44447.4	219	92.1	49.6
0307	OCT-22	0838	4411.5	6726.8	W12184.1	Y44441.0	287	117.3	48.0
0308	OCT-22	1108	4415.5	6740.2	W12208.6	Y44474.5	239	60.1	52.7
0309	OCT-22	1351	4408.0	6756.4	W12331.6	Y44470.8	220	60.4	52.3
0310	OCT-22	1554	4411.3	6801.7	W12331.2	Y44490.7	054	45.1	52.7
0311	OCT-22	1748	4405.4	6805.6	W12391.3	Y44475.1	043	59.9	51.8
0312	OCT-22	2126	4355.5	6815.2	W12506.2	Y44452.2	220	67.3	50.5
0313	OCT-23	0119	4339.0	6838.9	W12738.2	Y44423.6	359	78.2	49.8
0314	OCT-23	0605	4345.2	6905.1	W12836.9	Y44490.8	019	46.5	51.8
0315	OCT-23	1054	4333.5	6933.2	W13077.0	Y44490.6	230	81.5	47.7
0316	OCT-23	1354	4325.7	6923.7	W13071.8	Y44440.8	207	92.4	45.7
0317	OCT-23	1657	4312.4	6949.3	W13307.0	Y44426.0	202	95.7	45.1
0318	OCT-23	1845	4303.5	6951.9	W13376.6	Y44389.5	148	103.9	45.5
0319	OCT-23	2018	4258.6	6946.7	W13374.9	Y44356.8	162	102.3	45.3
0320	OCT-23	2253	4246.7	6942.0	W13416.3	Y44290.8	228	147.9	46.0
0321	OCT-24	0113	4235.1	6955.1	W13558.6	Y44253.7	202	93.5	45.7
0322	OCT-24	0315	4226.0	7003.9	X25552.7	Y44220.2	268	44.8	48.9
0323	OCT-24	0531	4227.4	7013.4	X25609.8	Y44243.7	288	38.3	50.0
0324	OCT-24	0809	4234.1	7019.1	X25684.3	Y44289.7	175	83.7	49.1
0325	OCT-24	1110	4243.8	7034.9	X25835.5	Y44369.8	122	43.7	48.7
0326	OCT-24	1318	4251.8	7037.2	X25897.2	Y44415.3	189	45.1	47.8
0327	OCT-24	1659	4307.8	7021.4	X25904.2	Y44463.4	174	57.4	48.4
0328	OCT-24	1850	4306.7	7016.9	X25874.9	Y44450.0	261	67.5	46.4
0329	OCT-24	2110	4255.3	7012.6	X25784.3	Y44386.8	345	81.2	44.4
0330	OCT-24	2338	4243.1	7021.2	X25753.1	Y44340.7	205	30.9	49.6
0331	OCT-25	0325	4219.6	7047.0	X25762.9	Y44260.1	137	18.3	54.5
0332	OCT-25	0755	4210.9	7033.4	X25617.4	Y44185.8	327	22.1	53.4
0333	OCT-25	0936	4211.4	7028.6	X25589.8	Y44180.2	304	32.0	49.6
0334	OCT-25	1123	4205.8	7032.2	X25575.4	Y44153.5	025	19.7	54.7

NMFS-NEFSC FALL BOTTOM TRAWL SURVEY
ALBATROSS IV SEP 3 - OCT 25, 2002
CATCH WEIGHTS (POUNDS) OF IMPORTANT SPECIES BY HAUL

STATION	SPINY DOGFISH	SILVER HAKE	ATLANTIC COD	HADDOCK	POLLOCK	WHITE HAKE	RED HAKE	AMERICAN PLAICE	SUMMER FLDR	YELLOWTAIL FLDR	WINTER FLDR	WITCH FLDR	WINDOWPANE FLDR	BUTTERFISH	BLUEFISH	ATLANTIC CROAKER	BLACK SEA BASS	SCUP	WEAKFISH	SPOT	ACADIAN REDFISH	GOOSEFISH	AMERICAN LOBSTER	LONGFIN SQUID	TOTAL * OTHER	TOTAL ALL	
1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	40	43	
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	95	22	117	
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	247	248	
4	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	0	0	30	38	
5	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	51	49	101	
6	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	53	54	
7	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	64	65	
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	0	0	94	100	
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	0	0	149	155	
10	1	1	0	0	0	0	1	0	0	0	0	0	3	5	0	0	0	0	0	0	0	0	0	64	62	137	
11	0	0	0	0	0	0	0	0	0	0	0	0	0	3	16	0	0	0	0	0	0	0	0	46	241	306	
12	0	0	0	0	0	0	0	0	0	0	0	0	0	1	11	0	0	0	0	0	0	0	0	41	137	190	
13	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	2	145	149	
14	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	3	261	265	
15	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	96	39	139	
16	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	7	2	27	38	
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	3	33	39	
18	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	2	40	47	
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	3	52	56	
20	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	5	198	205	
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	5	61	71	
22	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	71	802	874	
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	41	135	176	
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	22	36	59	
25	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	33	7	42	
26	0	0	0	0	0	3	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	16	20
27	1	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	1	4	44	52	
28	0	1	0	0	0	0	0	0	0	0	0	0	0	36	0	0	0	0	0	0	0	0	0	5	140	182	
29	0	0	0	0	0	0	0	0	1	0	0	0	1	1	1	0	11	6	0	0	0	0	0	10	265	296	
30	0	0	0	0	0	0	0	0	0	0	0	0	0	29	0	0	0	0	0	0	0	1	0	6	70	106	
31	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	6	0	0	0	0	1	0	31	5	45	
32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	32	34	0	0	0	0	0	47	3	116	
33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	54	79	0	0	0	0	0	88	5	226	
34	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	24	207	0	0	0	0	0	45	17	295	
35	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	26	24	53	
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	16	16	
37	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	13	54	67	

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CATCH WEIGHTS (POUNDS) OF IMPORTANT SPECIES BY HAUL

	SPINY DOGFISH	SILVER HAKE	ATLANTIC COD	HADDOCK	POLLOCK	WHITE HAKE	RED HAKE	AMERICAN PLAICE	SUMMER FLDR	YELLOWTAIL FLDR	WINTER FLDR	WITCH FLDR	WINDOWPANE FLDR	BUTTERFISH	BLUEFISH	ATLANTIC CROAKER	BLACK SEA BASS	SCUP	WEAKFISH	SPOT	ACADIAN REDFISH	GOOSEFISH	AMERICAN LOBSTER	LONGFIN SQUID	TOTAL * OTHER	TOTAL ALL	
38	0	0	0	0	0	0	0	0	0	0	0	0	0	58	0	0	1	0	0	0	0	0	0	0	9	61	129
39	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	1	0	0	0	0	0	0	0	32	70	107
40	0	0	0	0	0	0	0	0	0	0	0	0	0	48	0	0	0	0	0	0	0	0	0	0	59	14	121
41	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	16	221	240
42	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	1	0	24	1	293	0	0	0	0	2	518	841
43	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	194	0	0	0	0	0	0	25	69	288
44	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	67	0	122	0	0	0	0	27	149	366
45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	1	4
46	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	2	7
47	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2
48	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	30	0	30
49	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	54	56
50	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	12
51	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	69	70
52	0	0	0	0	0	0	0	0	10	0	0	0	6	4	6	271	2	1	187	3	0	0	0	0	0	231	721
53	0	0	0	0	0	0	0	0	8	0	0	0	3	1	0	1189	0	0	112	11	0	0	0	0	0	105	1429
54	0	0	0	0	0	0	0	0	15	0	0	0	5	1	3	618	0	2	75	1	0	0	0	0	0	338	1058
55	0	0	0	0	0	0	0	0	7	0	0	0	0	0	28	59	0	3	4	0	0	0	0	0	0	66	167
56	0	0	0	0	0	0	0	0	1	0	0	0	0	2	12	45	0	7	29	6	0	0	0	0	0	214	316
57	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	371	0	2	80	23	0	0	0	0	0	160	636
58	0	0	0	0	0	0	0	0	5	0	1	0	0	9	9	0	2	1	3	0	0	0	0	0	9	23	62
59	0	0	0	0	0	0	0	0	4	0	35	0	0	168	2	0	1	0	0	0	0	0	0	2	13	48	273
60	0	0	0	0	0	0	0	0	1	0	1	0	0	89	1	0	5	13	0	0	0	0	0	0	40	34	184
61	0	0	0	0	0	0	0	0	24	0	0	0	1	36	59	2	0	55	302	15	0	0	0	0	0	158	652
62	0	0	0	0	0	0	0	0	0	0	0	0	0	2	4	0	3	14	0	0	0	0	0	0	5	96	124
63	0	0	0	0	0	0	0	0	8	0	0	0	0	9	12	0	0	16	0	0	0	0	0	0	2	84	131
64	0	0	0	0	0	0	0	0	4	0	0	0	1	1	0	0	13	6	6	0	0	0	0	0	0	86	117
65	0	0	0	0	0	0	0	0	8	0	2	0	8	0	0	0	2	1	58	0	0	0	0	0	0	156	235
66	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	25	7	0	0	0	0	0	0	172	208
67	0	0	0	0	0	0	0	0	16	0	2	0	0	0	4	0	3	19	7	0	0	0	0	0	3	222	276
68	0	0	0	0	0	0	0	0	6	0	0	0	1	0	0	0	4	7	14	0	0	0	0	0	0	79	111
69	0	0	0	0	0	0	0	0	54	0	3	0	1	0	0	0	0	7	0	0	0	0	0	0	13	46	124
70	32	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	129	48	210
71	0	0	0	0	0	0	0	0	10	0	0	0	0	6	0	0	0	5	3	0	0	0	0	0	13	7	44
72	0	0	0	0	0	0	0	0	5	0	0	0	0	2	31	0	0	13	1	0	0	0	0	0	3	84	139
73	0	0	0	0	0	0	0	0	4	0	0	0	2	18	13	0	0	79	98	0	0	0	0	0	1	1410	1625
74	0	0	0	0	0	0	0	0	36	0	0	0	0	8	0	0	2	1	0	0	0	0	0	0	13	71	131
75	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	52	70	130

NMFS-NEFSC FALL BOTTOM TRAWL SURVEY
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CATCH WEIGHTS (POUNDS) OF IMPORTANT SPECIES BY HAUL

	SPINY DOGFISH	SILVER HAKE	ATLANTIC COD	HADDOCK	POLLOCK	WHITE HAKE	RED HAKE	AMERICAN PLAICE	SUMMER FLDR	YELLOWTAIL FLDR	WINTER FLDR	WITCH FLDR	WINDOWPANE FLDR	BUTTERFISH	BLUEFISH	ATLANTIC CROAKER	BLACK SEA BASS	SCUP	WEAKFISH	SPOT	ACADIAN REDFISH	GOOSEFISH	AMERICAN LOBSTER	LONGFIN SQUID	TOTAL * OTHER	TOTAL ALL
76	0	0	0	0	0	0	0	0	13	0	0	0	1	3	24	0	0	5	11	0	0	0	0	22	58	137
77	0	0	0	0	0	0	0	0	48	0	0	0	3	0	0	0	3	2	0	0	0	0	0	9	73	138
78	0	0	0	0	0	0	0	0	55	0	0	0	1	0	0	0	6	2	0	0	0	0	0	1	65	130
79	0	0	0	0	0	0	0	0	127	0	1	0	7	0	0	0	1	17	37	1	0	0	0	5	160	356
80	0	0	0	0	0	0	0	0	43	0	0	0	3	0	0	0	4	2	7	0	0	0	0	19	146	224
81	0	0	0	0	0	0	0	0	33	0	0	0	1	0	0	0	4	1	0	0	0	0	1	13	120	173
82	0	0	0	0	0	0	0	0	32	0	0	0	1	0	2	0	0	7	0	0	0	0	0	31	124	197
83	0	0	0	0	0	0	0	0	69	0	0	0	2	0	0	0	5	37	0	0	0	0	0	42	126	281
84	0	0	0	0	0	0	0	0	0	2	12	0	1	0	0	0	3	0	0	0	0	8	0	0	142	168
85	0	0	0	0	0	0	0	0	0	1	3	0	0	0	0	0	0	0	0	0	0	0	0	46	71	121
86	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	31	48
87	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	291	4	295
88	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	53	16	69
89	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	64	18	82
90	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	221	69	290
91	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	79	53	135
92	0	0	0	0	0	0	0	0	10	0	0	0	0	6	2	535	0	127	58	5	0	0	0	2	374	1119
93	0	0	0	0	0	0	0	0	15	0	0	0	0	1	0	0	2	112	0	0	0	0	0	11	380	521
94	0	0	0	0	0	0	0	0	12	0	0	0	0	16	13	225	0	245	28	107	0	0	0	9	819	1474
95	0	0	0	0	0	0	0	0	4	0	0	0	0	1	0	0	20	30	0	1	0	0	0	6	57	119
96	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	37	2	42
97	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	258	2	0	0	0	0	19	50	331
98	0	0	0	0	0	0	0	0	3	0	0	0	0	0	9	8	0	179	31	26	0	0	0	12	351	619
99	0	0	0	0	0	0	0	0	7	0	0	0	0	1	7	42	1	108	1	12	0	0	0	20	91	290
100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	6	168	0	3	0	0	0	32	206	419
101	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	1	159	0	0	0	0	0	10	19	192
102	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	58	0	0	0	0	0	54	872	984
103	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	41	0	0	0	0	0	48	9	98
104	0	0	0	0	0	0	0	0	1	0	0	0	0	2	1	0	0	206	0	0	0	0	0	58	479	747
105	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	16	0	1	0	0	0	25	29	73
106	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	455	0	17	0	0	0	16	196	687
107	0	0	0	0	0	0	0	0	1	0	0	0	0	49	1	0	0	0	0	7	0	0	0	7	67	132
108	0	0	0	0	0	0	0	0	0	0	0	0	0	3	1	223	0	322	95	66	0	0	0	10	453	1173
109	0	0	0	0	0	0	0	0	0	0	0	0	0	3	3	241	0	231	26	54	0	0	0	12	739	1309
110	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	67	0	233	11	14	0	0	0	24	42	393
111	0	0	0	0	0	0	0	0	2	0	0	0	0	1	0	4	0	187	0	0	0	0	0	29	68	291
112	0	0	0	0	0	0	0	0	0	0	0	0	0	214	6	21	0	0	18	320	0	0	0	1	1173	1753
113	0	0	0	0	0	0	0	0	0	0	0	0	0	80	0	68	0	146	66	17	0	0	0	3	254	634

NMFS-NEFSC FALL BOTTOM TRAWL SURVEY
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CATCH WEIGHTS (POUNDS) OF IMPORTANT SPECIES BY HAUL

	SPINY DOGFISH	SILVER HAKE	ATLANTIC COD	HADDOCK	POLLOCK	WHITE HAKE	RED HAKE	AMERICAN PLAICE	SUMMER FLDR	YELLOWTAIL FLDR	WINTER FLDR	WITCH FLDR	WINDOWPANE FLDR	BUTTERFISH	BLUEFISH	ATLANTIC CROAKER	BLACK SEA BASS	SCUP	WEAKFISH	SPOT	ACADIAN REDFISH	GOOSEFISH	AMERICAN LOBSTER	LONGFIN SQUID	TOTAL * OTHER	TOTAL ALL
114	0	0	0	0	0	0	0	0	9	0	0	0	0	0	2	9	0	162	1	13	0	0	0	3	331	530
115	0	0	0	0	0	0	0	0	7	0	0	0	0	0	10	6	0	30	29	22	0	0	0	2	732	838
116	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	36	106	85	0	0	0	1	268	497
117	0	0	0	0	0	0	0	0	8	0	0	0	0	5	6	0	0	0	84	11	0	0	0	1	108	223
118	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3494	0	39	339	629	0	0	0	0	121	4623
119	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	19	0	42	19	100	0	0	0	19	208	409
120	0	0	0	0	0	0	0	0	3	0	0	0	0	0	1	21	0	0	206	30	0	0	0	1	62	324
121	0	0	0	0	0	0	0	0	6	0	0	0	0	0	2	603	0	610	7	155	0	0	0	7	948	2338
122	0	0	0	0	0	0	0	0	1	0	0	0	0	145	17	314	1	103	313	125	0	0	0	12	809	1840
123	0	0	0	0	0	0	0	0	1	0	0	0	1	48	10	42	0	203	21	64	0	0	0	7	570	967
124	0	0	0	0	0	0	0	0	1	0	0	0	1	46	31	90	0	0	294	17	0	0	0	1	351	832
125	0	0	0	0	0	0	0	0	4	0	0	0	0	8	16	6	0	12	12	36	0	0	0	4	61	159
126	0	0	0	0	0	0	0	0	5	0	0	0	13	0	0	1175	1	247	9	13	0	0	0	0	177	1640
127	0	0	0	0	0	0	0	0	10	0	0	0	3	0	1	92	0	177	2	0	0	0	0	1	215	501
128	0	0	0	0	0	0	0	0	2	0	0	0	3	0	3	256	0	97	8	16	0	0	0	2	96	483
129	0	0	0	0	0	0	0	0	39	0	0	0	1	1	1	76	15	17	8	0	0	0	0	1	230	389
130	0	0	0	0	0	0	0	0	9	0	0	0	1	1	0	113	0	51	6	0	0	0	0	1	154	336
131	0	0	0	0	0	0	0	0	2	0	0	0	1	0	1	298	0	1	4	0	0	0	0	0	239	546
132	0	0	0	0	0	0	0	0	5	0	0	0	3	10	0	2664	0	46	368	19	0	0	0	0	85	3200
133	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	2	0	0	0	0	0	0	0	11	303	318
134	0	0	0	0	0	0	0	0	8	0	0	0	0	0	0	0	3	0	0	0	0	0	0	3	105	119
135	0	0	0	0	0	0	0	0	0	0	0	0	0	33	0	0	0	3	0	0	0	0	0	12	273	321
136	0	0	0	0	0	0	0	0	1	0	0	0	0	7	0	0	0	16	0	0	0	0	0	10	104	138
137	0	0	0	0	0	0	0	0	2	0	0	0	0	1	0	0	0	0	0	0	0	0	0	7	7	17
138	0	0	0	0	0	0	0	0	10	0	0	0	0	1	0	0	0	0	0	0	0	0	0	7	137	155
139	0	0	0	0	0	0	0	0	8	0	0	0	0	36	3	14	0	12	243	0	0	0	1	1	570	888
140	0	0	0	0	0	0	0	0	29	0	0	0	10	3	0	1	2	124	32	0	0	0	0	3	246	450
141	0	0	0	0	0	0	0	0	43	0	0	0	0	0	2	0	29	38	0	0	0	0	2	1	31	146
142	101	1	0	0	0	0	0	0	0	0	35	0	4	0	0	0	0	0	0	0	0	0	0	1	44	186
143	17	11	0	0	0	0	5	0	0	0	6	0	0	0	0	0	0	0	0	0	0	6	3	0	108	156
144	839	1	0	0	0	0	1	0	0	0	10	0	0	0	0	0	0	0	0	0	0	0	0	3	61	915
145	0	0	0	0	0	0	0	0	0	0	0	0	0	8	0	0	0	0	0	0	0	0	0	54	81	143
146	0	0	0	0	0	0	0	0	0	0	0	0	0	27	0	0	0	0	0	0	0	4	1	147	3	182
147	0	0	0	0	0	0	0	0	0	0	0	0	0	17	0	0	0	0	0	0	0	0	0	35	12	64
148	0	0	0	0	0	0	0	0	0	0	0	0	0	29	0	0	0	0	0	0	0	0	2	106	10	147
149	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9	0	90	104	207
150	0	1	0	0	0	0	0	0	0	0	0	0	0	1	10	0	0	0	0	0	0	8	0	48	11	79
151	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	12	0	1	39	53

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CATCH WEIGHTS (POUNDS) OF IMPORTANT SPECIES BY HAUL

	SPINY DOGFISH	SILVER HAKE	ATLANTIC COD	HADDOCK	POLLOCK	WHITE HAKE	RED HAKE	AMERICAN PLAICE	SUMMER FLDR	YELLOWTAIL FLDR	WINTER FLDR	WITCH FLDR	WINDOWPANE FLDR	BUTTERFISH	BLUEFISH	ATLANTIC CROAKER	BLACK SEA BASS	SCUP	WEAKFISH	SPOT	ACADIAN REDFISH	GOOSEFISH	AMERICAN LOBSTER	LONGFIN SQUID	TOTAL * OTHER	TOTAL ALL	
152	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	8	1	2	10	24	
153	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	8	0	0	10	19
154	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	1	39	49	93	
155	17	6	0	0	0	0	7	0	6	10	7	0	0	0	0	0	0	0	0	0	0	25	1	2	75	156	
156	19	1	0	0	0	0	0	0	2	39	35	0	0	0	0	0	0	0	0	0	0	0	2	5	46	149	
157	63	2	0	0	0	0	0	0	11	1	37	0	0	0	0	0	0	0	0	0	0	0	2	14	13	143	
158	15	5	0	0	0	0	7	0	0	0	0	3	0	0	0	0	0	0	0	0	0	4	0	0	41	75	
159	7	4	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	12	1	2	26	54	
160	13	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	8	1	2	35	61	
161	229	6	0	0	0	0	0	0	14	0	5	0	0	31	16	0	0	0	0	0	0	0	0	0	20	7	328
162	7	11	0	0	0	0	13	0	0	0	0	2	0	0	0	0	0	0	0	0	0	21	1	0	69	124	
163	27	8	0	0	0	0	11	0	4	1	10	0	1	0	0	0	0	0	0	0	0	42	2	1	284	391	
164	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	5	0	0	0	0	0	1	20	28	
165	0	0	0	0	0	0	0	0	18	0	4	0	0	109	4	0	0	20	0	0	0	0	0	0	55	9	219
166	27	0	0	0	0	0	2	0	16	0	24	0	0	0	0	0	4	70	0	0	0	0	2	5	19	169	
167	272	1	0	0	0	0	0	0	11	4	84	0	5	0	0	0	9	68	0	0	0	0	3	1	91	549	
168	289	0	0	0	0	0	0	0	16	0	88	0	1	0	0	0	0	1	0	0	0	0	1	0	136	532	
169	38	1	0	0	0	0	3	0	0	4	51	0	0	1	7	0	0	0	0	0	0	0	8	35	19	167	
170	670	0	0	0	0	0	0	0	0	0	0	0	0	70	7	0	0	0	0	0	0	0	0	0	174	1	922
171	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	9	2	11	23	
172	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	8	12	
173	3	6	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	11	0	0	32	56	
174	0	2	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	1	20	28	
175	8	8	0	0	0	0	1	0	9	1	21	0	1	0	0	0	0	0	0	0	0	9	0	3	72	133	
176	4	15	0	0	0	0	3	0	16	8	2	0	0	0	0	0	0	0	0	0	0	4	0	18	49	119	
177	36	2	0	0	0	0	0	0	7	1	20	0	0	0	0	0	0	0	0	0	0	0	0	0	31	58	155
178	125	0	0	0	0	0	0	0	6	0	0	0	0	1	6	0	0	0	0	0	0	0	0	0	8	43	189
179	14	0	0	0	0	0	0	0	13	0	0	0	0	1	9	0	0	0	0	0	0	0	0	0	44	128	209
180	0	0	0	0	0	0	0	0	2	0	0	0	0	2	16	0	0	0	0	0	0	0	0	0	12	99	131
181	1369	0	0	0	0	0	0	0	24	0	3	0	65	0	0	0	3	0	0	0	0	0	4	10	696	2174	
182	350	0	0	0	0	0	0	0	0	3	43	0	77	0	0	0	0	0	0	0	0	0	0	0	5	557	1035
183	59	1	25	0	0	2	1	0	0	0	29	0	0	0	0	0	0	0	0	0	0	0	5	0	181	303	
184	3049	0	50	2	0	0	1	0	0	30	9	0	9	0	0	0	0	0	0	0	0	0	1	1	126	3278	
185	0	0	0	0	0	0	0	0	0	13	0	0	0	0	0	0	0	0	0	0	0	0	2	75	15	105	
186	4	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	27	12	46
187	0	0	0	1	0	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	92	9	106
188	0	2	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	29	53	85
189	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	1	12

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CATCH WEIGHTS (POUNDS) OF IMPORTANT SPECIES BY HAUL

	SPINY DOGFISH	SILVER HAKE	ATLANTIC COD	HADDOCK	POLLOCK	WHITE HAKE	RED HAKE	AMERICAN PLAICE	SUMMER FLDR	YELLOWTAIL FLDR	WINTER FLDR	WITCH FLDR	WINDOWPANE FLDR	BUTTERFISH	BLUEFISH	ATLANTIC CROAKER	BLACK SEA BASS	SCUP	WEAKFISH	SPOT	ACADIAN REDFISH	GOOSEFISH	AMERICAN LOBSTER	LONGFIN SQUID	TOTAL * OTHER	TOTAL ALL	
190	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	30	33	
191	0	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	8	17
192	0	1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	11
193	0	1	0	0	0	0	18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	10	22	55
194	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	5	0	12
195	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	13	1	17
196	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	1	1	15
197	0	3	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	4	1	16
198	23	8	0	0	0	0	9	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	71	113
199	0	8	0	0	0	0	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	19	0	0	0	72	112
200	0	12	0	0	0	0	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	8	0	0	59	103
201	2	16	0	0	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	14	0	0	42	89
202	57	7	15	0	0	0	16	1	0	11	4	0	0	0	0	0	0	0	0	0	0	37	23	0	0	988	1159
203	0	18	0	0	0	0	11	0	0	82	0	0	0	0	0	0	0	0	0	0	0	3	25	0	0	799	938
204	0	6	0	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	13	0	0	11	46
205	0	6	0	2	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	0	7	26
206	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	12
207	0	5	0	27	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	14	0	19	67
208	0	27	0	1	0	0	2	2	0	8	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	477	520
209	0	73	0	0	0	0	13	0	0	152	0	0	0	0	0	0	0	0	0	0	0	0	0	31	0	77	346
210	0	0	0	5	0	0	3	8	0	6	5	0	0	0	0	0	0	0	0	0	0	6	0	0	0	166	199
211	0	0	57	64	570	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	49	744
212	0	0	6	35	85	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	129
213	0	4	142	500	26	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	77	750
214	0	0	25	8	35	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	76
215	0	2	0	35	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	47
216	5	33	6	75	0	1	7	3	0	0	0	4	0	0	0	0	0	0	0	0	1	6	26	0	0	49	216
217	18	0	40	832	11	0	0	0	0	0	10	0	0	0	0	0	0	0	0	0	0	14	0	0	0	473	1398
218	0	2	51	919	0	0	2	0	0	4	12	0	0	0	0	0	0	0	0	0	0	0	0	10	0	246	1246
219	0	2	100	701	0	0	1	0	0	13	18	0	0	0	0	0	0	0	0	0	0	0	0	6	0	261	1102
220	3	4	0	0	0	0	1	0	0	1	8	0	14	2	0	0	0	0	0	0	0	0	0	6	3	92	134
221	39	2	0	0	0	0	0	0	0	0	7	0	5	0	0	0	0	0	0	0	0	0	0	0	24	69	146
222	18	2	9	0	0	0	0	0	0	0	122	0	4	0	18	0	0	0	0	0	0	0	0	15	20	50	258
223	4	1	0	0	0	0	0	0	0	0	46	0	6	1	0	0	0	0	0	0	0	0	0	16	31	80	185
224	0	0	0	9	0	0	0	0	0	1	14	0	0	34	0	0	0	0	0	0	0	0	4	2	0	658	722
225	0	0	1493	3284	2322	0	0	0	0	16	28	0	0	0	0	0	0	0	0	0	0	0	0	17	0	122	7282
226	0	70	0	3	0	0	62	66	0	0	0	40	0	0	0	0	0	0	0	0	0	3	9	0	0	52	305
227	0	94	13	43	2	2	46	9	0	0	0	7	0	0	0	0	0	0	0	0	0	10	2	0	0	120	348

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CATCH WEIGHTS (POUNDS) OF IMPORTANT SPECIES BY HAUL

	SPINY DOGFISH	SILVER HAKE	ATLANTIC COD	HADDOCK	POLLOCK	WHITE HAKE	RED HAKE	AMERICAN PLAICE	SUMMER FLDR	YELLOWTAIL FLDR	WINTER FLDR	WITCH FLDR	WINDOWPANE FLDR	BUTTERFISH	BLUEFISH	ATLANTIC CROAKER	BLACK SEA BASS	SCUP	WEAKFISH	SPOT	ACADIAN REDFISH	GOOSEFISH	AMERICAN LOBSTER	LONGFIN SQUID	TOTAL * OTHER	TOTAL ALL	
228	0	8	0	0	0	0	21	0	0	43	9	0	1	0	0	0	0	0	0	0	0	0	70	3	305	460	
229	0	205	0	0	0	6	60	19	0	1	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	681	976
230	0	18	0	0	0	0	29	0	0	1	16	0	1	0	0	0	0	0	0	0	0	0	29	0	800	894	
231	0	7	0	0	0	0	1	0	0	0	0	0	53	5	0	0	0	0	0	0	0	0	44	39	208	357	
232	0	2	0	0	0	0	0	0	8	0	12	0	16	1	0	0	0	0	0	0	0	0	65	140	135	379	
233	1305	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	56	100	1462	
234	239	0	0	0	0	0	0	0	0	0	1	0	1	0	6	0	0	0	0	0	0	0	0	0	20	72	339
235	446	0	0	0	0	0	0	0	0	0	0	0	0	0	18	0	0	0	0	0	0	0	2	12	15	493	
236	36	0	0	0	0	0	0	0	2	0	1	0	0	1	59	0	0	0	0	0	0	0	0	0	7	14	120
237	181	0	0	0	0	0	0	0	0	0	6	0	0	0	0	0	0	0	0	0	0	18	14	11	128	358	
238	92	0	0	0	0	0	0	0	6	0	3	0	6	0	7	0	0	0	0	0	0	0	0	39	116	269	
239	13	0	0	0	0	0	0	0	0	0	7	0	9	0	16	0	0	0	0	0	0	0	2	35	210	292	
240	121	0	0	0	0	0	0	0	0	0	0	0	16	0	0	0	0	0	0	0	0	0	0	19	108	264	
241	11	5	0	0	0	0	1	0	2	1	0	0	7	0	0	0	0	0	0	0	0	0	0	6	40	73	
242	0	2	0	0	0	0	0	0	5	0	0	0	28	0	0	0	0	0	0	0	0	0	0	7	63	105	
243	47	1	0	0	0	0	0	0	0	0	0	0	19	0	0	0	0	0	0	0	0	0	3	8	84	162	
244	81	1	0	0	0	0	0	0	2	0	4	0	35	1	0	0	0	0	0	0	0	0	0	16	54	194	
245	19	13	0	0	0	0	9	0	0	3	299	0	1	19	0	0	0	0	0	0	0	7	0	171	74	615	
246	0	21	101	1151	0	1	16	2	0	0	4	0	0	0	0	0	0	0	0	0	2	0	0	0	0	269	1567
247	273	0	5	0	0	0	0	0	0	1	21	0	0	0	0	0	0	0	0	0	0	0	64	15	250	629	
248	69	0	15	0	0	0	0	0	0	0	19	0	0	0	0	0	0	0	0	0	0	23	8	6	137	277	
249	20	1	123	310	18	0	0	0	0	2	47	0	0	0	0	0	0	0	0	0	0	0	4	3	75	603	
250	35	0	0	0	0	0	0	0	0	0	16	0	0	0	0	0	0	0	0	0	0	0	16	1	157	225	
251	716	0	0	0	0	0	0	0	0	0	0	0	0	0	16	0	0	0	0	0	0	0	0	3	255	990	
252	64	0	39	0	0	0	0	0	0	3	225	0	0	0	0	0	0	0	0	0	0	0	37	0	509	877	
253	2497	0	9	0	0	0	0	0	4	0	0	0	0	0	19	0	2	0	0	0	0	0	1	1	589	3122	
254	636	0	8	0	0	0	0	0	6	0	0	0	0	0	18	0	0	0	0	0	0	0	0	0	1611	2279	
255	205	5	57	0	0	3	41	0	0	2	30	0	0	0	0	0	0	3	0	0	0	0	44	1	70	461	
256	898	3	412	4	2	0	15	0	0	1	322	0	0	0	0	0	0	0	0	0	0	28	13	5	379	2082	
257	199	5	6	0	0	0	0	0	5	0	6	0	11	0	7	0	0	2	0	0	0	0	4	0	32	277	
258	521	9	0	0	0	23	17	10	0	0	0	1	0	0	0	0	0	0	0	0	1	1	0	0	37	620	
259	186	11	0	0	0	0	15	13	0	0	0	0	0	0	0	0	0	0	0	0	9	19	0	1	24	278	
260	434	19	0	10	0	38	7	1	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	18	529	
261	16	38	16	0	0	0	5	0	1	3	37	0	1	1	0	0	1	0	0	0	0	2	16	25	45	207	
262	100	0	0	0	0	0	0	0	1	0	9	0	1	1	0	0	2	10	0	0	0	0	1	1	10	136	
263	669	1	0	0	0	0	1	0	4	0	35	0	0	6	87	0	4	8	0	0	0	0	31	16	27	889	
264	305	79	0	0	0	0	19	6	0	7	95	0	0	26	6	0	0	0	0	0	0	0	3	28	206	780	
265	38	70	2	1	0	0	43	2	0	5	71	0	0	1	9	0	0	0	0	0	0	0	25	9	75	351	

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CATCH WEIGHTS (POUNDS) OF IMPORTANT SPECIES BY HAUL

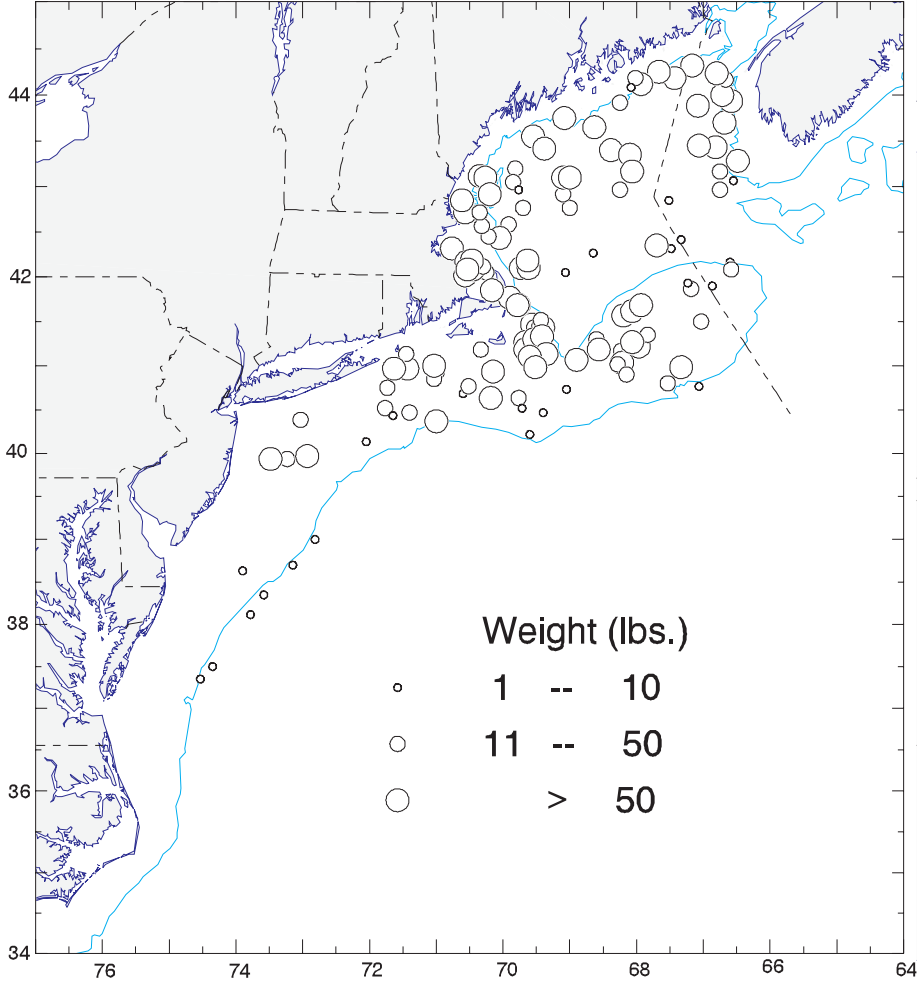
	SPINY DOGFISH	SILVER HAKE	ATLANTIC COD	HADDOCK	POLLOCK	WHITE HAKE	RED HAKE	AMERICAN PLAICE	SUMMER FLDR	YELLOWTAIL FLDR	WINTER FLDR	WITCH FLDR	WINDOWPANE FLDR	BUTTERFISH	BLUEFISH	ATLANTIC CROAKER	BLACK SEA BASS	SCUP	WEAKFISH	SPOT	ACADIAN REDFISH	GOOSEFISH	AMERICAN LOBSTER	LONGFIN SQUID	TOTAL * OTHER	TOTAL ALL	
266	6321	4	0	0	4	4	6	3	0	0	1	1	0	0	0	0	0	0	0	0	87	0	0	0	1	6432	
267	6	44	0	0	0	15	28	0	0	0	0	3	0	0	0	0	0	0	0	0	89	0	0	0	95	280	
268	0	27	7	0	0	4	38	5	0	0	0	9	0	0	0	0	0	0	0	0	27	0	0	0	26	143	
269	0	29	5	38	0	0	17	52	0	0	0	4	0	0	0	0	0	0	0	0	2	0	0	0	84	231	
270	0	35	0	0	2	2	68	34	0	0	0	4	0	0	0	0	0	0	0	0	0	2	0	0	0	77	224
271	0	96	16	16	0	2	36	5	0	0	0	11	0	0	0	0	0	0	0	0	0	2	0	0	0	259	443
272	6	16	0	0	0	0	9	1	0	0	0	1	0	0	0	0	0	0	0	0	12	0	0	0	8	53	
273	0	24	0	0	2	3	9	3	0	0	0	0	0	0	0	0	0	0	0	0	47	0	0	0	8	96	
274	12	11	0	3	0	30	12	2	0	0	0	1	0	0	0	0	0	0	0	0	234	6	0	0	10	321	
275	23	3	0	3	69	70	17	4	0	0	0	0	0	0	0	0	0	0	0	0	1496	0	0	0	28	1713	
276	959	19	58	98	37	22	9	2	0	0	0	6	0	0	0	0	0	0	0	0	469	0	0	0	43	1722	
277	426	9	41	33	6	31	18	3	0	0	0	18	0	0	0	0	0	0	0	0	59	8	0	0	47	699	
278	95	4	0	0	0	19	4	8	0	0	0	1	0	0	0	0	0	0	0	0	11	0	0	0	36	178	
279	120	20	0	3	0	45	1	4	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	7	202	
280	158	1	7	56	0	68	6	0	0	0	0	1	0	0	0	0	0	0	0	0	259	0	0	0	87	643	
281	12	7	0	46	5	16	1	0	0	0	0	0	0	0	0	0	0	0	0	0	47	5	0	0	22	161	
282	0	5	0	40	0	33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	164	5	0	0	6	253	
283	0	3	0	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	2	16	
284	2	3	0	0	11	9	3	0	0	0	0	2	0	0	0	0	0	0	0	0	2	0	0	0	5	37	
285	0	27	0	0	0	8	2	0	0	0	0	1	0	0	0	0	0	0	0	0	15	0	1	0	16	70	
286	0	4	0	2	0	17	0	0	0	0	0	1	0	0	0	0	0	0	0	0	102	19	1	0	7	153	
287	301	19	0	4	0	22	2	0	0	0	0	0	0	0	0	0	0	0	0	0	24	0	0	0	12	384	
288	4	8	0	0	0	5	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	3	0	6	28	
289	2	7	0	0	0	31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	8	49	
290	0	31	0	0	0	12	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	2	48	
291	0	8	66	143	20	0	0	1	0	0	0	8	0	0	0	0	0	0	0	0	0	0	0	0	79	325	
292	0	2	0	96	69	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	177	
293	16	1	14	2	9	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	267	0	25	0	10	345	
294	10	0	0	23	1	0	3	2	0	0	10	2	0	0	0	0	0	0	0	0	0	12	5	0	21	89	
295	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
296	76	0	0	56	0	0	0	0	0	0	21	0	0	0	0	0	0	0	0	0	0	0	10	0	5	168	
297	23	5	0	32	7	10	4	1	0	0	2	0	0	0	0	0	0	0	0	0	0	0	14	0	17	115	
298	95	39	0	2	0	40	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	32	20	0	2	231	
299	183	12	0	10	14	57	2	26	0	0	0	3	0	0	0	0	0	0	0	0	19	2	13	0	33	374	
300	126	17	12	130	8	44	0	2	0	0	0	0	0	0	0	0	0	0	0	0	457	0	2	0	140	938	
301	210	3	0	40	0	4	1	1	0	0	4	3	0	0	0	0	0	0	0	0	5	0	70	1	20	362	
302	115	8	11	62	0	1	0	0	0	0	76	0	0	0	0	0	0	0	0	0	0	3	34	0	36	346	
303	143	3	12	22	1	2	0	1	0	1	8	0	0	1	0	0	0	0	0	0	0	0	12	0	71	277	

NMFS-NEFSC FALL BOTTOM TRAWL SURVEY
ALBATROSS IV SEP 3 - OCT 25, 2002
CATCH WEIGHTS (POUNDS) OF IMPORTANT SPECIES BY HAUL

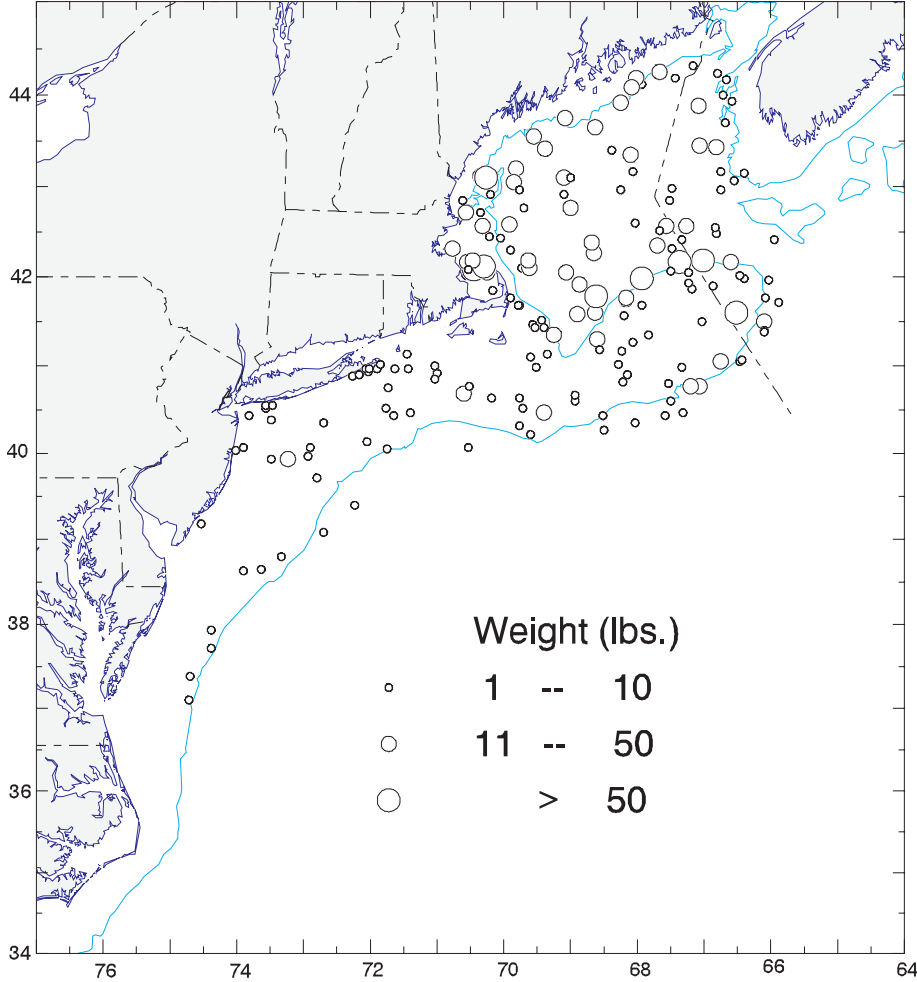
	SPINY DOGFISH	SILVER HAKE	ATLANTIC COD	HADDOCK	POLLOCK	WHITE HAKE	RED HAKE	AMERICAN PLAICE	SUMMER FLDR	YELLOWTAIL FLDR	WINTER FLDR	WITCH FLDR	WINDOWPANE FLDR	BUTTERFISH	BLUEFISH	ATLANTIC CROAKER	BLACK SEA BASS	SCUP	WEAKFISH	SPOT	ACADIAN REDFISH	GOOSEFISH	AMERICAN LOBSTER	LONGFIN SQUID	TOTAL * OTHER	TOTAL ALL
304	30	1	2	16	2	0	0	0	0	0	12	0	0	0	0	0	0	0	0	0	1	0	4	0	102	170
305	116	5	108	55	6	42	0	0	0	0	1	3	0	0	0	0	0	0	0	0	42	21	0	0	13	412
306	255	0	0	0	3	24	1	0	0	0	0	1	0	0	0	0	0	0	0	0	6	5	0	0	40	335
307	182	4	0	0	1	13	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	6	209
308	57	24	0	0	0	10	0	6	0	0	1	0	0	1	0	0	0	0	0	0	0	0	9	0	47	155
309	97	5	0	0	0	13	1	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	27	0	34	181
310	33	38	0	0	0	2	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	87	0	86	248
311	5	23	0	0	0	8	2	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	35	0	5	80
312	42	26	0	0	0	30	4	8	0	0	0	0	0	0	0	0	0	0	0	0	0	3	28	0	14	155
313	132	13	0	0	0	2	2	2	0	0	0	2	0	0	0	0	0	0	0	0	0	0	7	0	35	195
314	131	28	0	0	0	12	0	4	0	0	2	0	0	0	0	0	0	0	0	0	0	1	141	0	46	365
315	328	12	0	3	0	2	13	10	0	0	0	3	0	0	0	0	0	0	0	0	72	14	0	0	58	515
316	211	19	0	0	0	13	15	28	0	0	0	3	0	0	0	0	0	0	0	0	190	5	7	0	88	579
317	41	19	0	0	0	8	16	7	0	0	0	1	0	0	0	0	0	0	0	0	29	2	0	0	23	146
318	27	19	0	7	0	14	31	23	0	0	0	0	0	0	0	0	0	0	0	0	14	22	0	0	12	169
319	9	10	0	3	0	11	17	15	0	0	0	1	0	0	0	0	0	0	0	0	20	10	0	0	48	144
320	46	9	0	51	0	72	7	16	0	0	0	0	0	0	0	0	0	0	0	0	1	8	0	0	12	222
321	23	20	0	0	0	22	20	2	0	0	0	0	0	0	0	0	0	0	0	0	96	20	0	0	34	237
322	66	1	4	47	8	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	129
323	11	0	29	9	13	0	4	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	68
324	11	44	20	0	9	20	110	42	0	0	0	12	0	0	0	0	0	0	0	0	425	17	5	0	32	747
325	92	28	7	1	0	2	13	15	0	9	8	0	0	79	7	0	0	0	0	0	1	13	28	10	262	575
326	87	3	4253	9	22	2	9	20	0	0	18	1	0	1	0	0	0	0	0	0	13	4	6	0	2628	7076
327	117	38	30	0	0	1	15	11	0	0	2	0	0	0	0	0	0	0	0	0	0	30	10	0	555	809
328	145	112	22	0	0	32	35	17	0	0	0	4	0	0	0	0	0	0	0	0	15	13	2	0	78	475
329	116	4	0	0	0	0	33	11	0	0	0	5	0	0	0	0	0	0	0	0	236	11	0	0	40	456
330	21	0	174	15	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	8	0	4	0	106	330
331	176	11	28	0	0	3	2	0	2	7	12	0	2	1	0	0	0	19	0	0	0	0	51	3	33	350
332	878	18	17	0	0	0	2	0	0	20	80	0	0	585	3	0	0	4	0	0	0	6	53	54	27	1747
333	1013	24	81	0	0	0	10	48	0	5	56	0	0	98	13	0	0	0	0	0	1	0	18	55	233	1655
334	1367	1	18	0	0	0	0	0	12	1	50	0	1	28	5	0	2	16	0	0	0	0	30	79	83	1693
TOTAL	33668	2162	7867	9213	3401	1069	1258	591	1168	536	2517	192	500	2482	790	13290	306	6537	3489	2460	5087	766	1614	5091	47488	153542

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

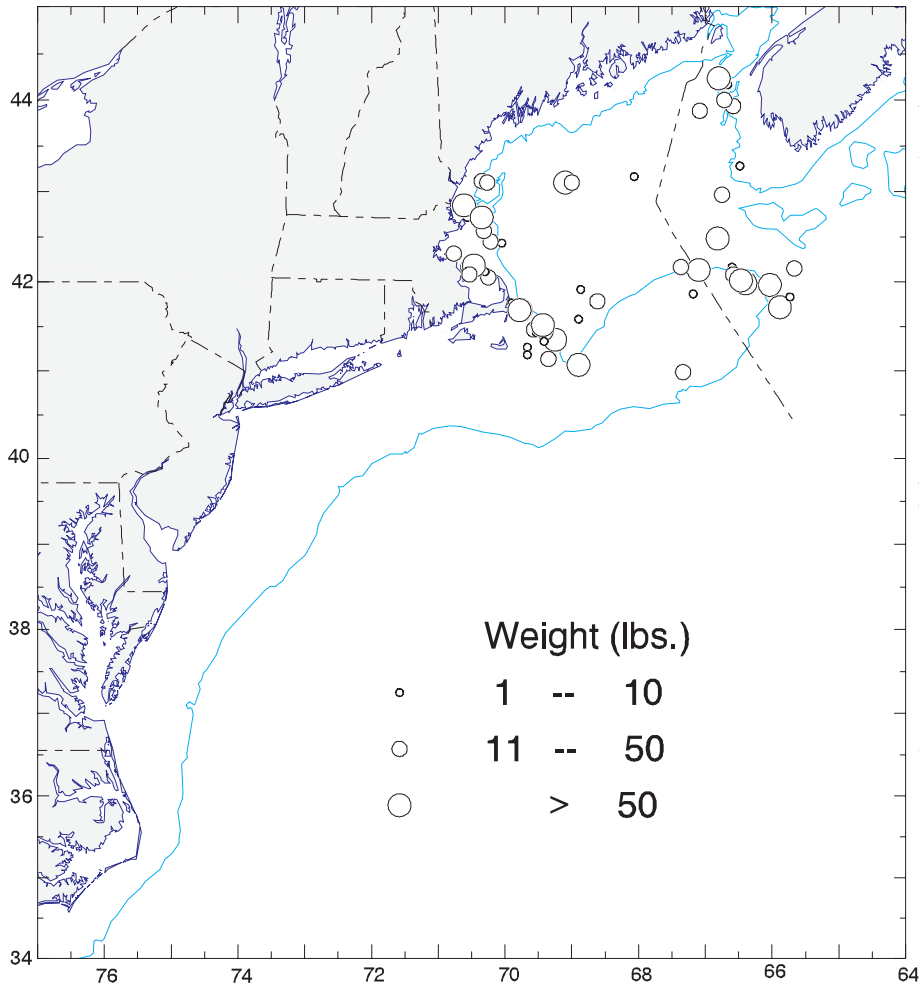
SPINY DOGFISH
NEFSC Bottom Trawl Survey
SEP. 3 - OCT. 25, 2002



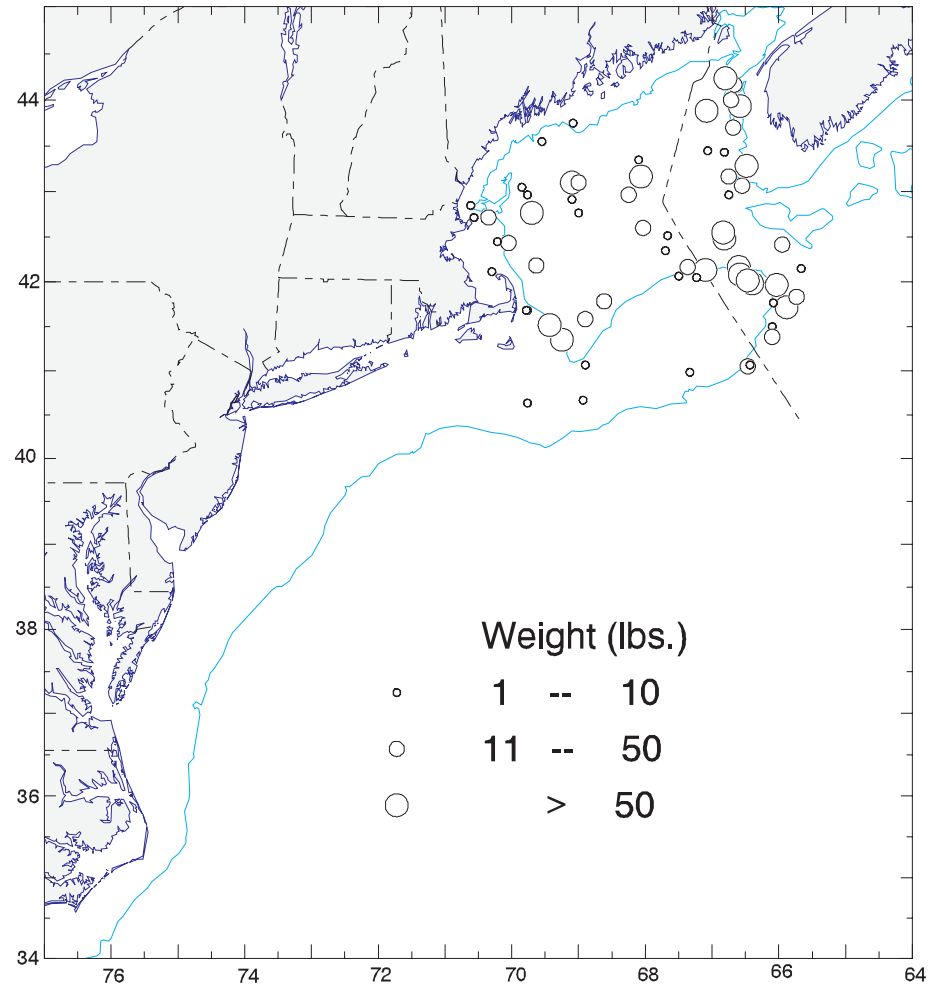
SILVER HAKE
NEFSC Bottom Trawl Survey
SEP. 3 - OCT. 25, 2002



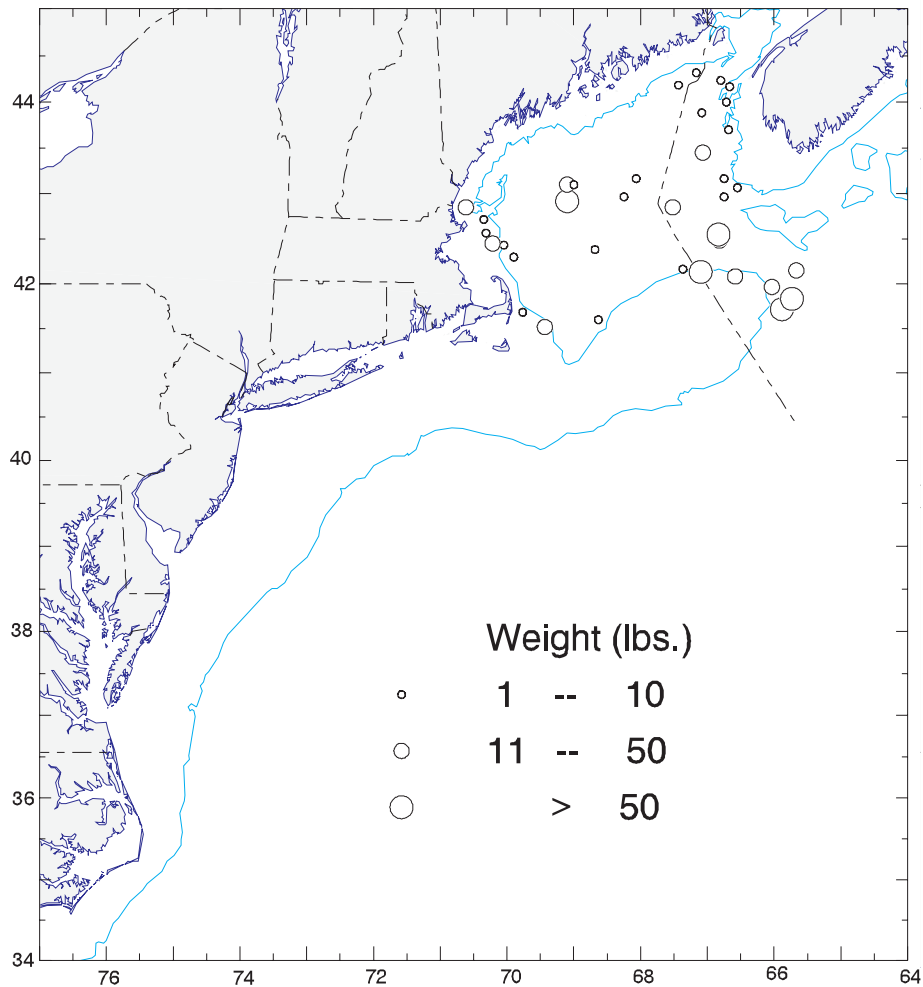
ATLANTIC COD
NEFSC Bottom Trawl Survey
SEP. 3 - OCT. 25, 2002



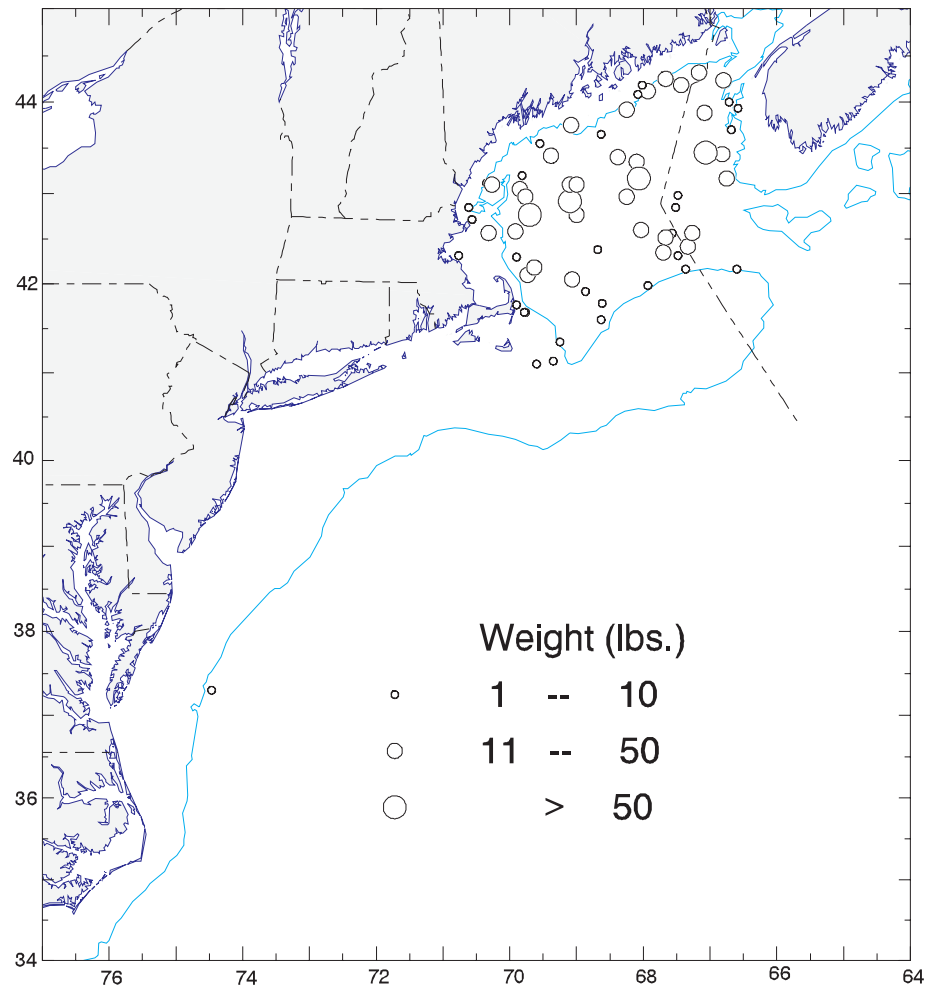
HADDOCK
NEFSC Bottom Trawl Survey
SEP. 3 - OCT. 25, 2002



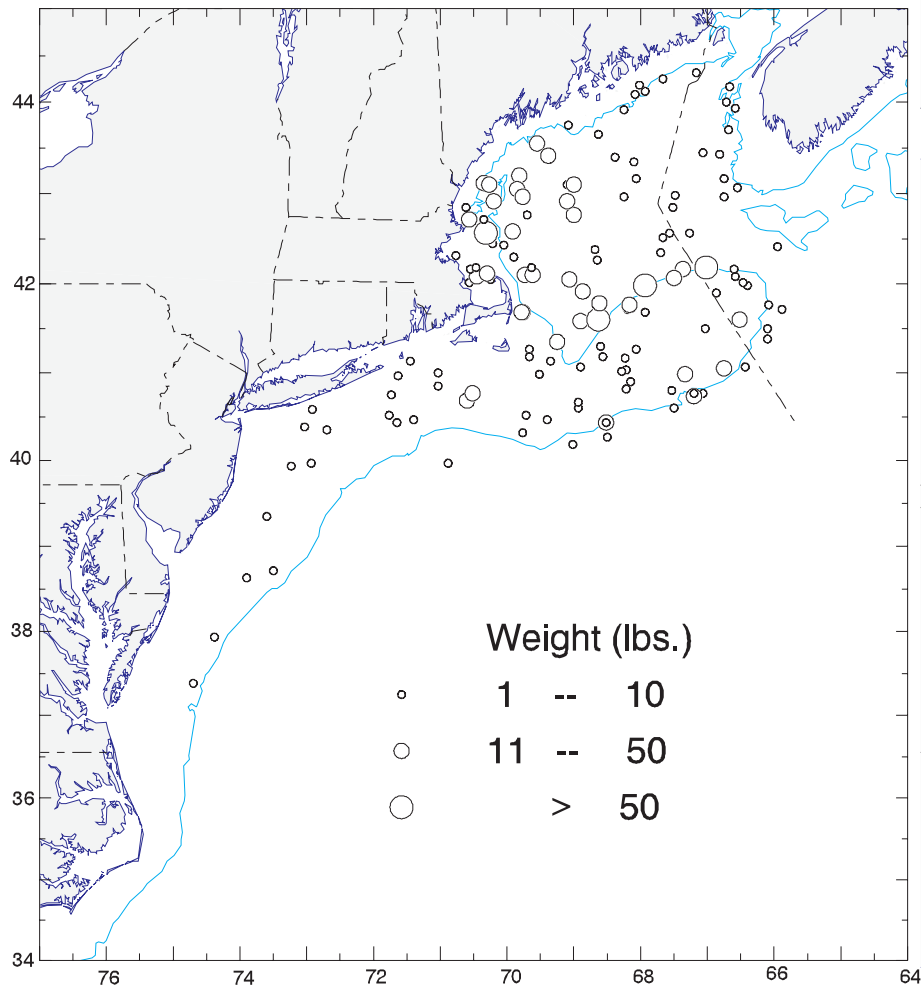
POLLOCK
NEFSC Bottom Trawl Survey
SEP. 3 - OCT. 25, 2002



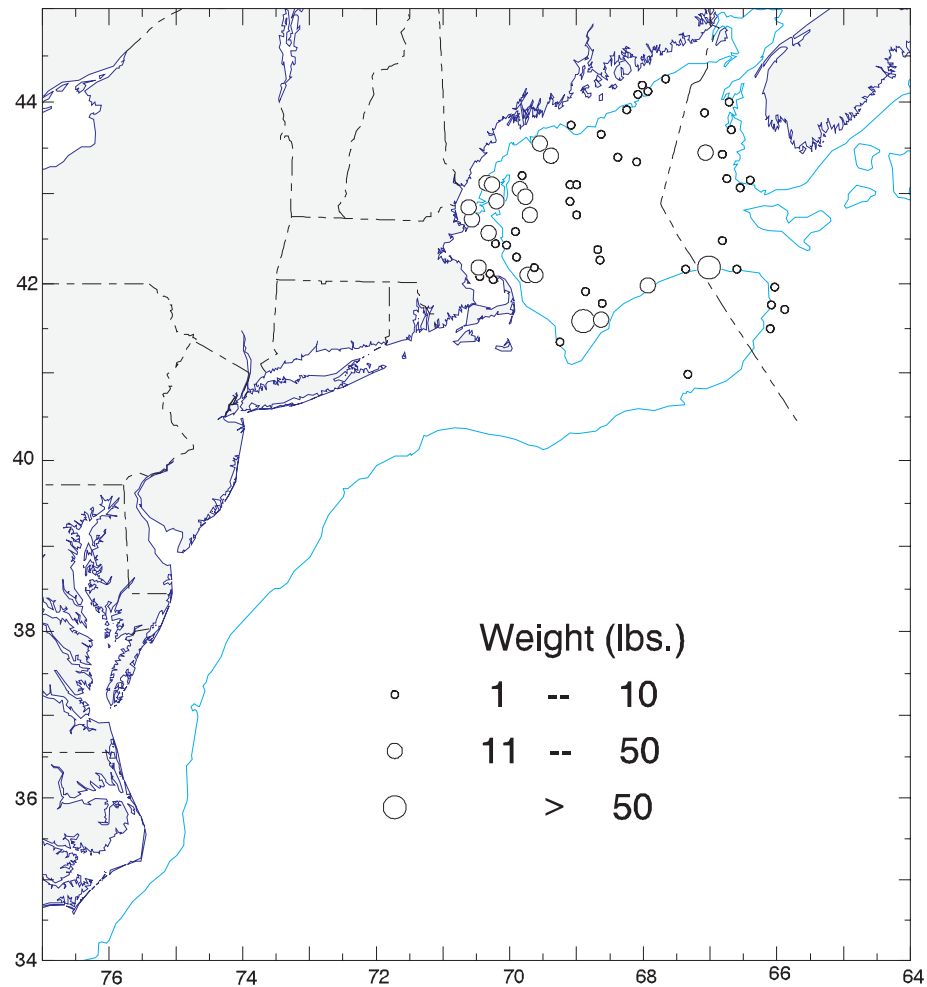
WHITE HAKE
NEFSC Bottom Trawl Survey
SEP. 3 - OCT. 25, 2002



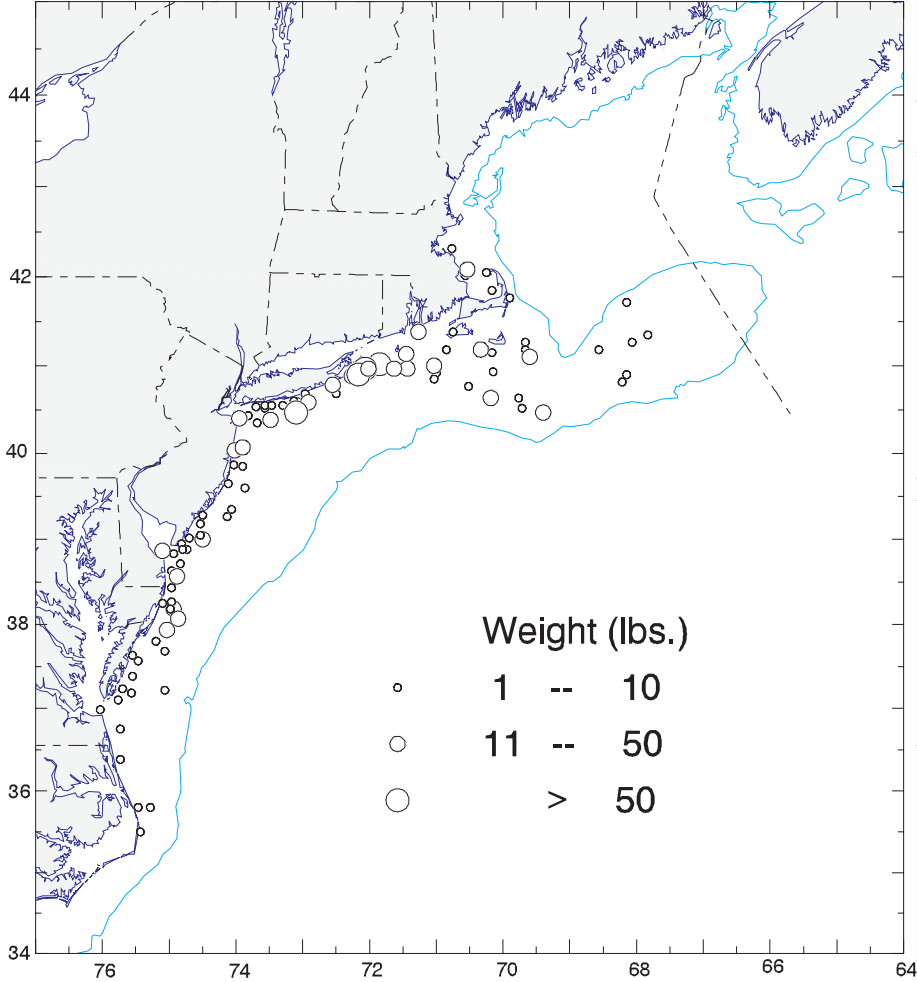
RED HAKE
NEFSC Bottom Trawl Survey
SEP. 3 - OCT. 25, 2002



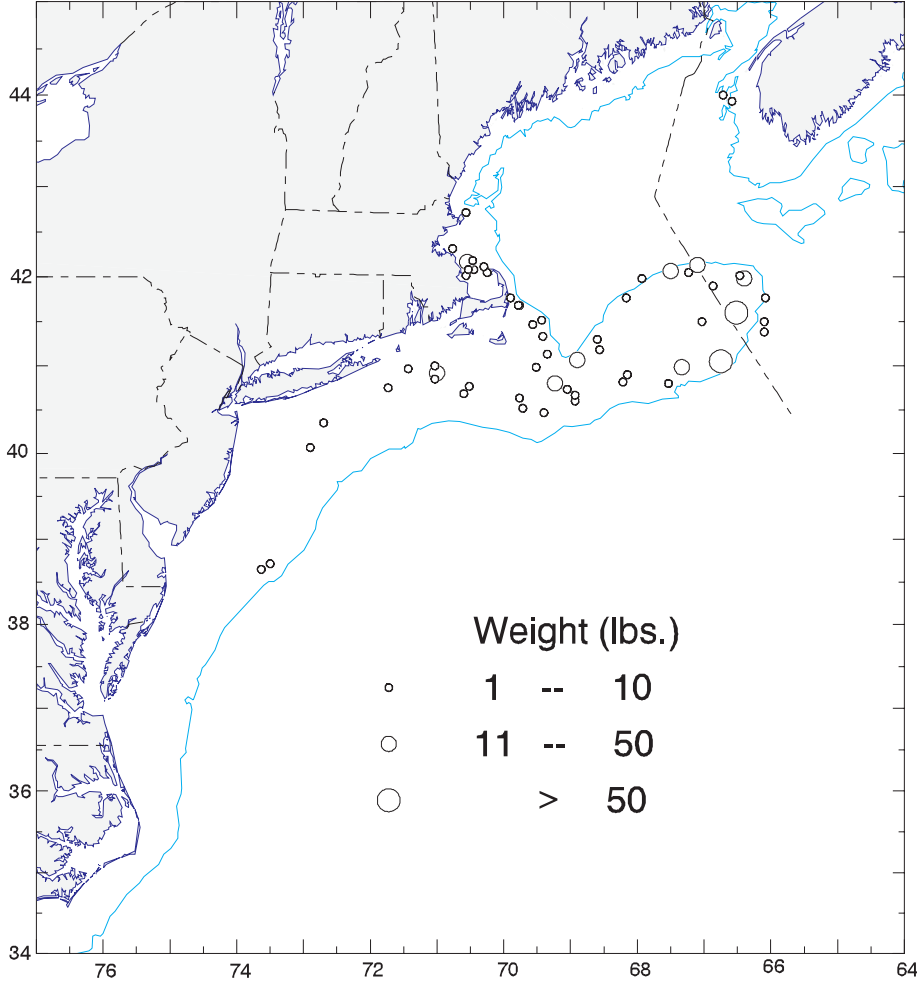
AMERICAN PLAICE
NEFSC Bottom Trawl Survey
SEP. 3 - OCT. 25, 2002



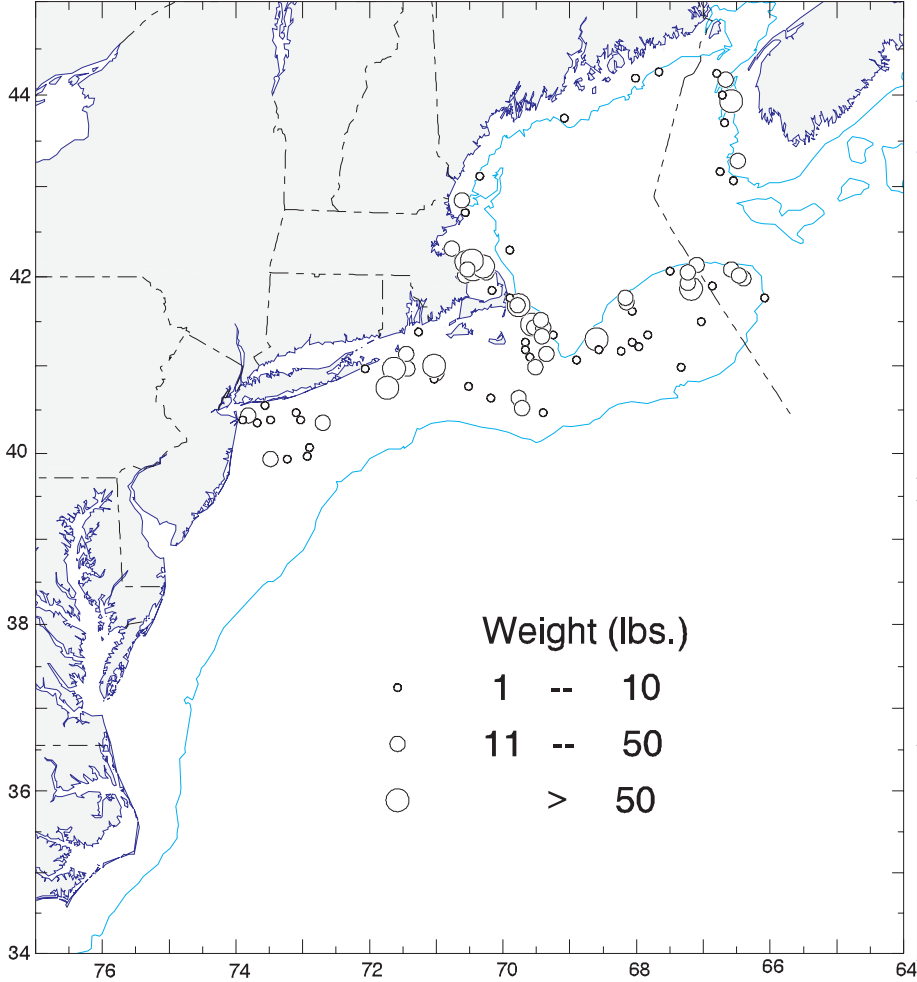
SUMMER FLOUNDER
 NEFSC Bottom Trawl Survey
 SEP. 3 - OCT. 25, 2002



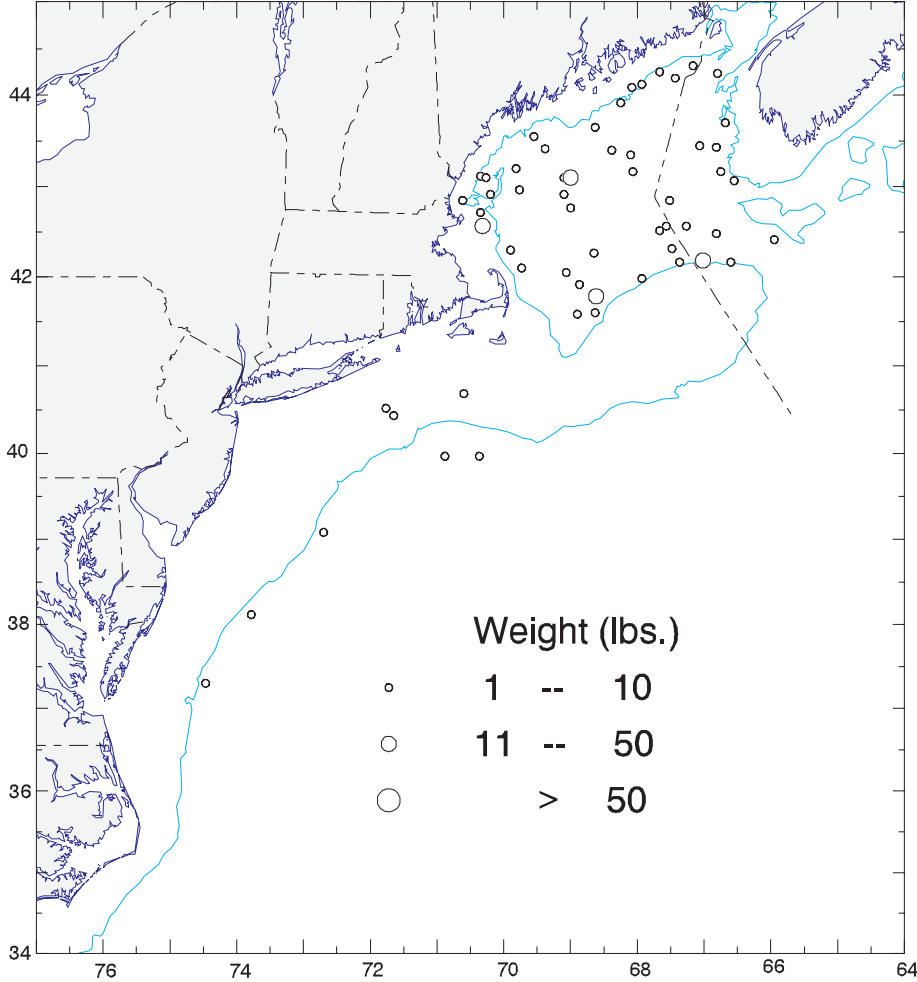
YELLOWTAIL FLOUNDER
 NEFSC Bottom Trawl Survey
 SEP. 3 - OCT. 25, 2002



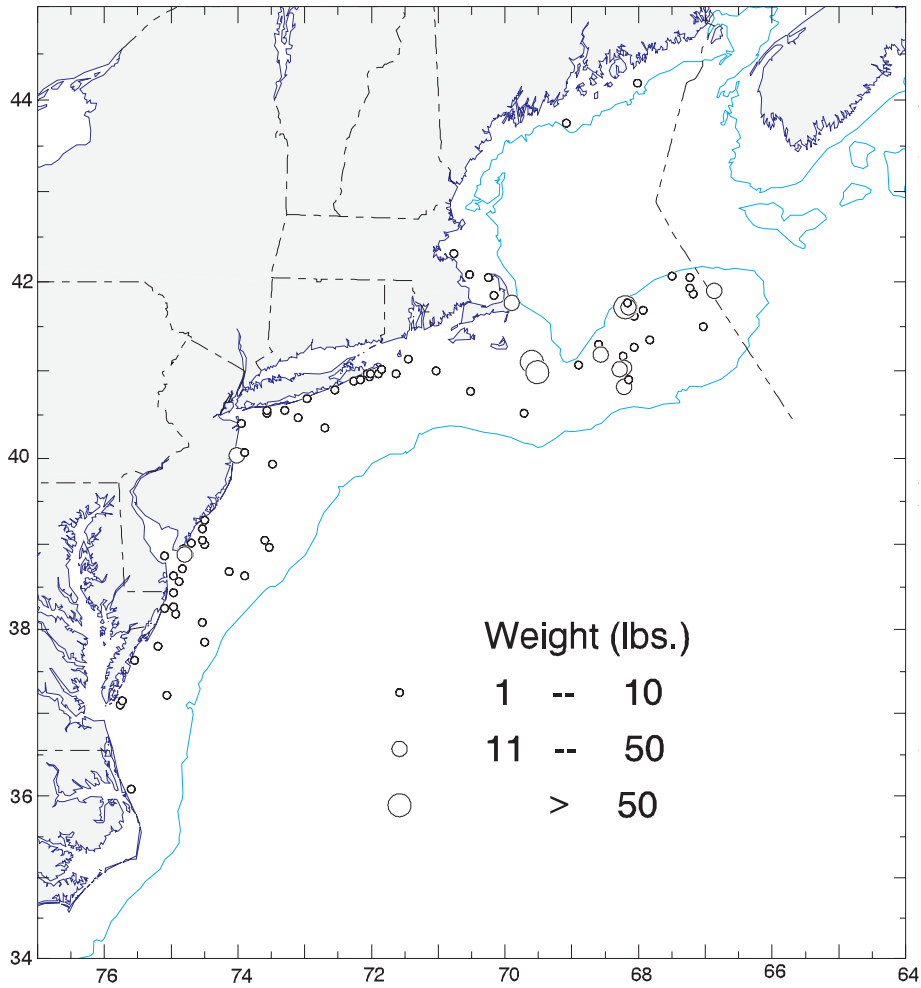
WINTER FLOUNDER
 NEFSC Bottom Trawl Survey
 SEP. 3 - OCT. 25, 2002



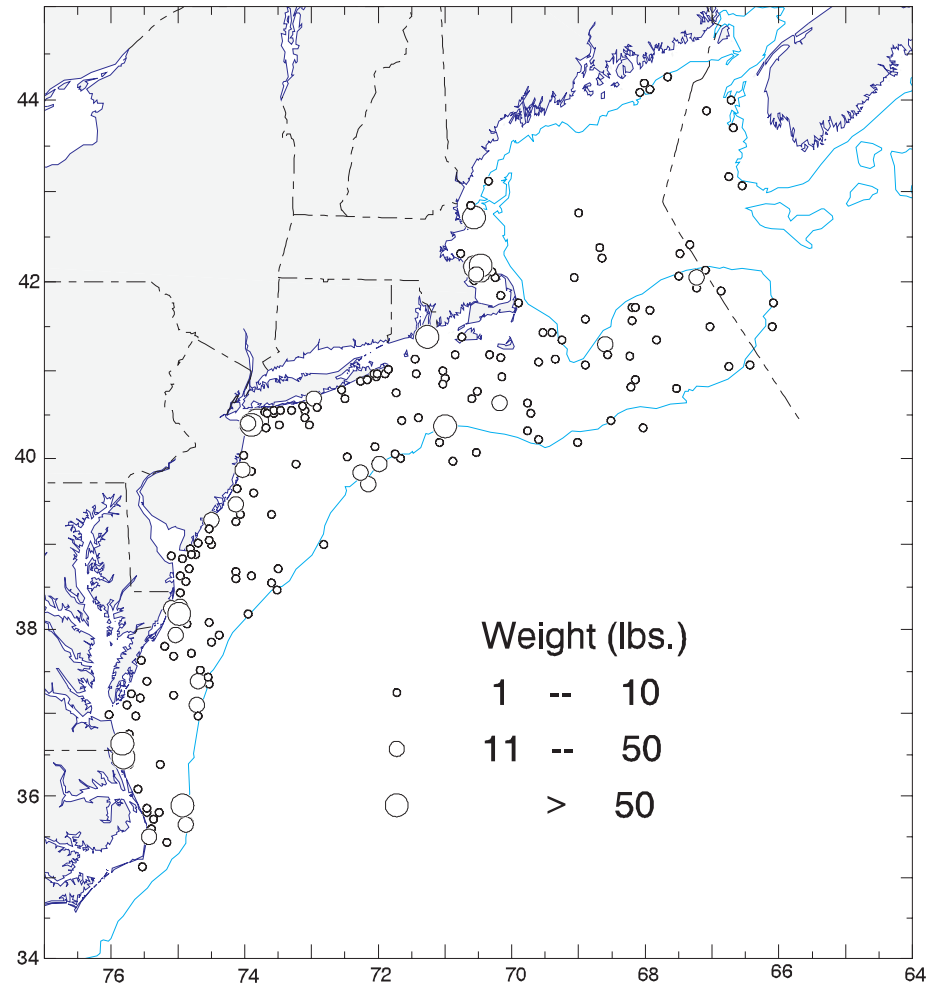
WITCH FLOUNDER
 NEFSC Bottom Trawl Survey
 SEP. 3 - OCT. 25, 2002



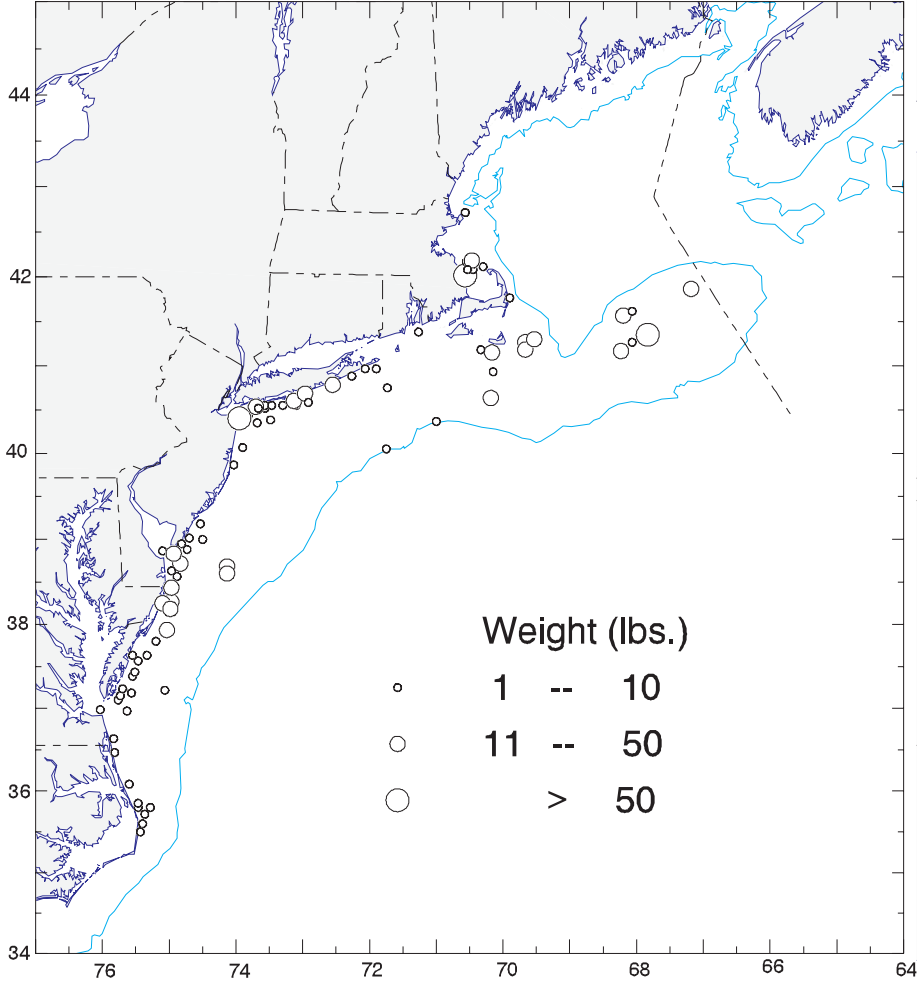
WINDOWPANE FLOUNDER
NEFSC Bottom Trawl Survey
SEP. 3 - OCT. 25, 2002



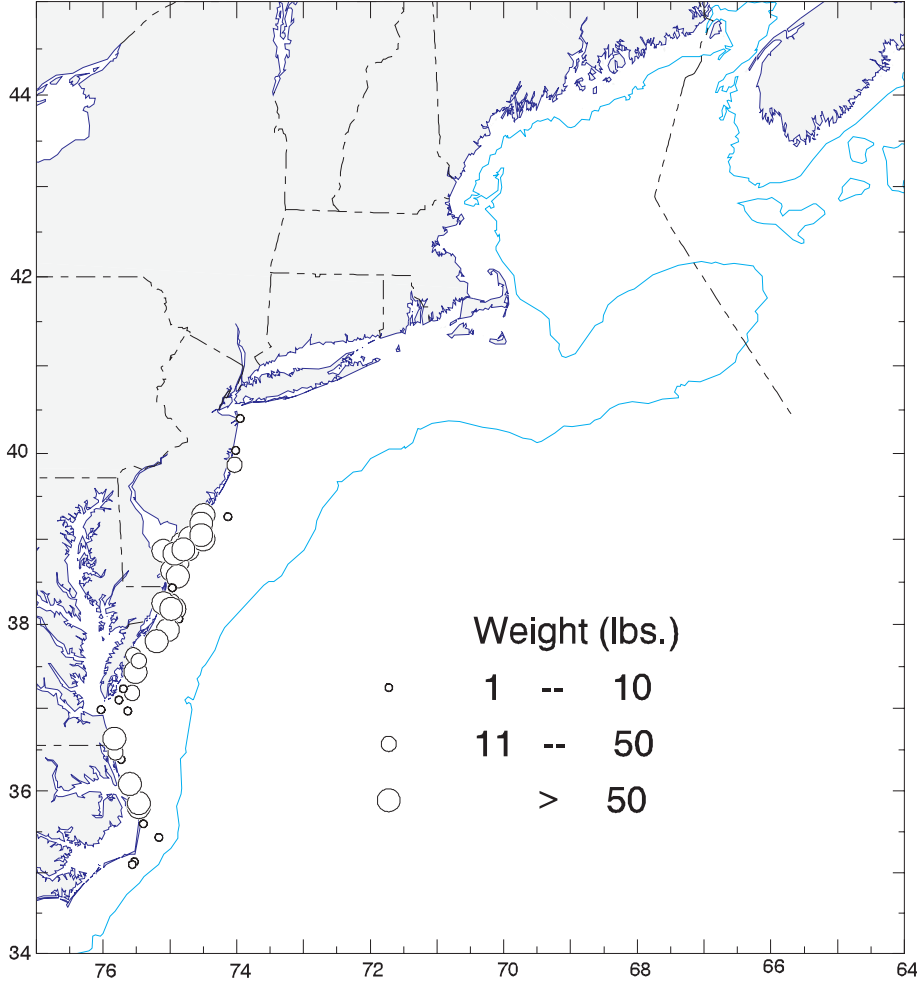
BUTTERFISH
NEFSC Bottom Trawl Survey
SEP. 3 - OCT. 25, 2002



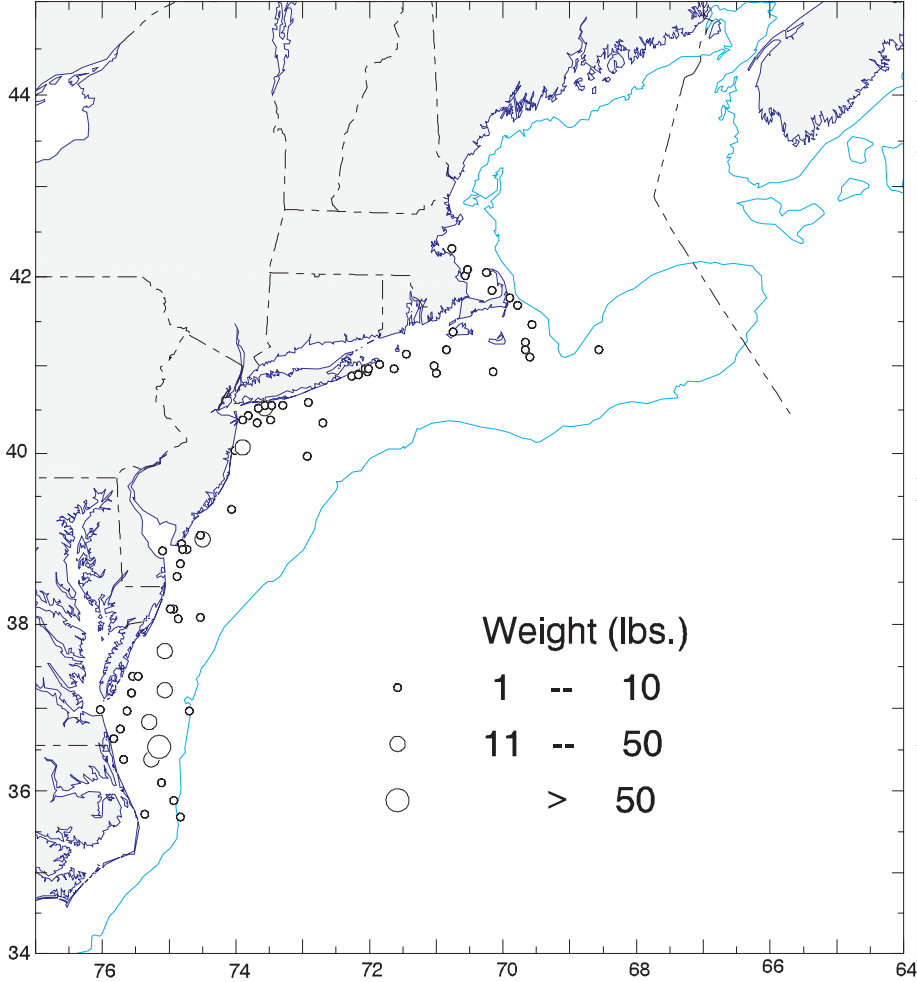
BLUEFISH
NEFSC Bottom Trawl Survey
SEP. 3 - OCT. 25, 2002



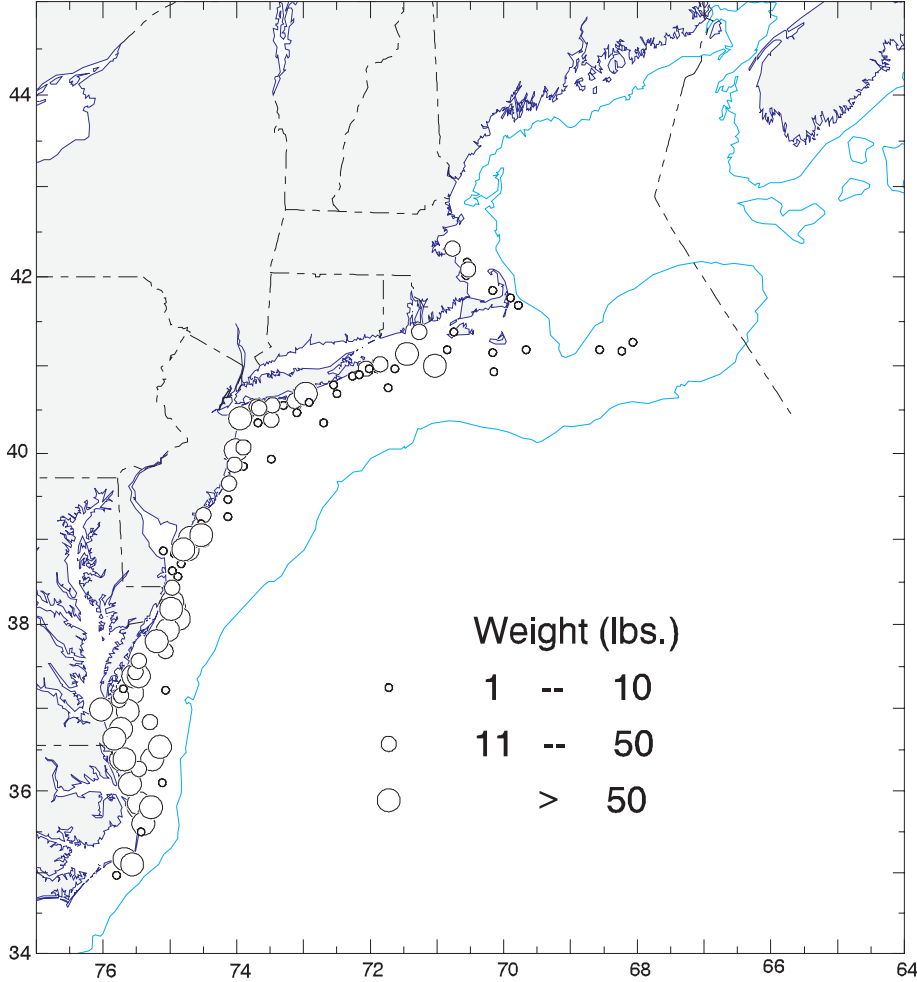
ATLANTIC CROAKER
NEFSC Bottom Trawl Survey
SEP. 3 - OCT. 25, 2002



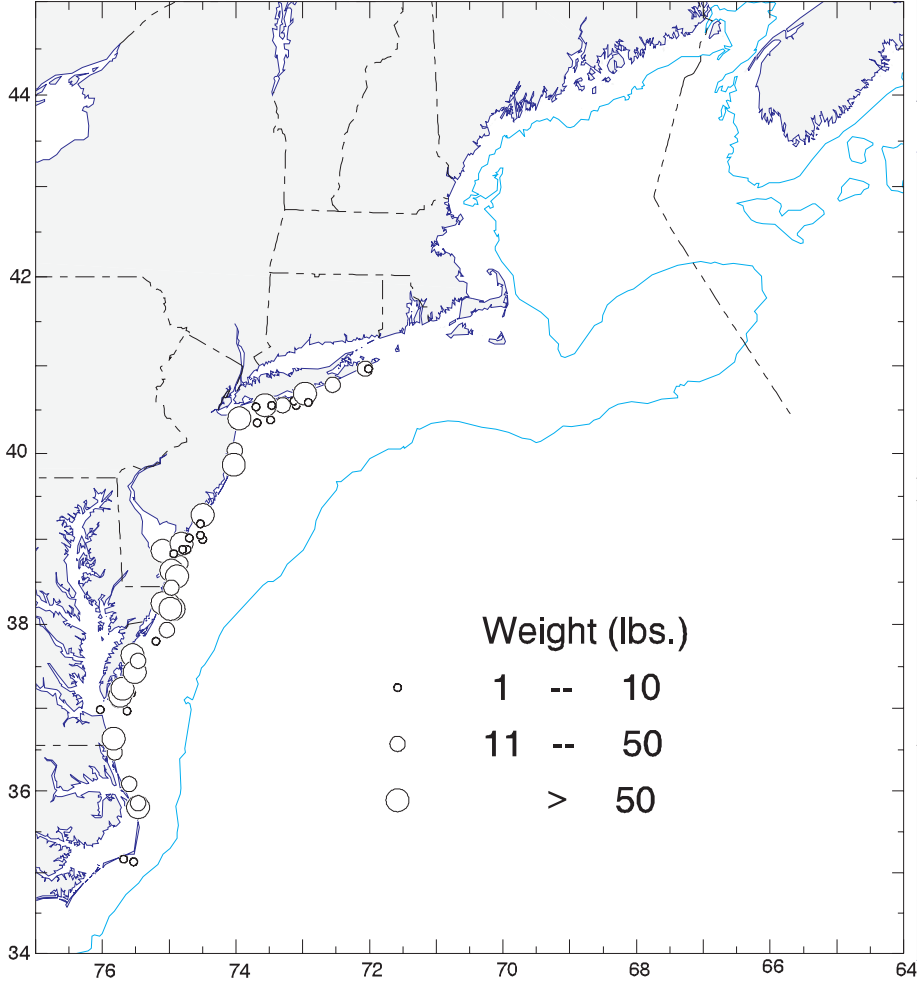
BLACK SEA BASS
NEFSC Bottom Trawl Survey
SEP. 3 - OCT. 25, 2002



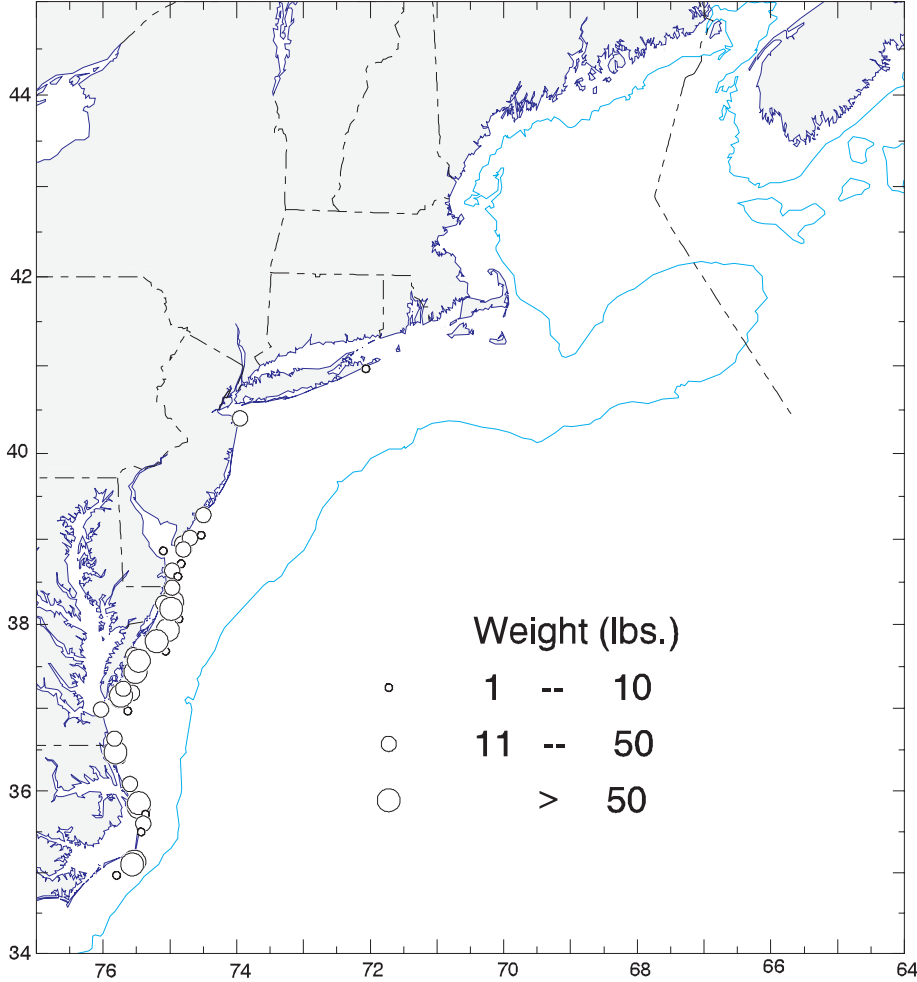
SCUP
NEFSC Bottom Trawl Survey
SEP. 3 - OCT. 25, 2002



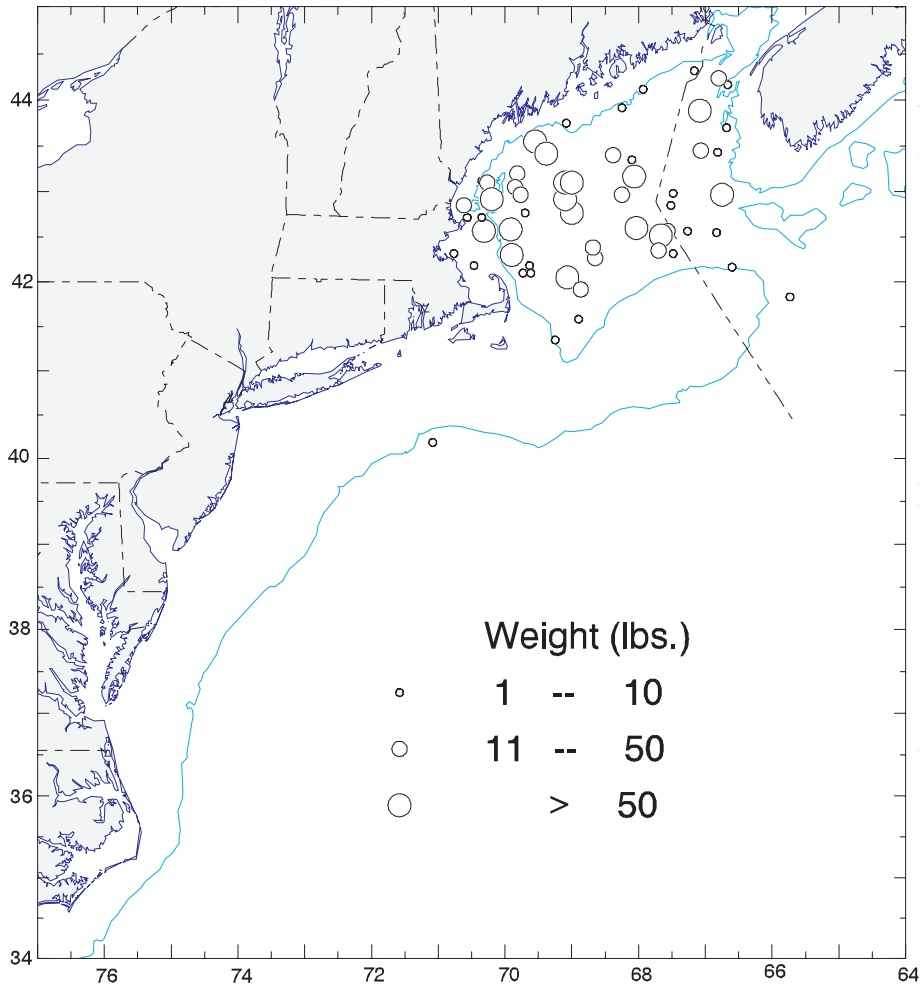
WEAKFISH
NEFSC Bottom Trawl Survey
SEP. 3 - OCT. 25, 2002



SPOT
NEFSC Bottom Trawl Survey
SEP. 3 - OCT. 25, 2002



ACADIAN REDFISH
NEFSC Bottom Trawl Survey
SEP. 3 - OCT. 25, 2002



GOOSEFISH
NEFSC Bottom Trawl Survey
SEP. 3 - OCT. 25, 2002

