

FISHERMEN'S REPORT
Preliminary Catch Summary
National Marine Fisheries Service
Northeast Fisheries Science Center
Winter Bottom Trawl Survey Cape
Hatteras - SE Georges Bank
February 5 - March 2, 2002

Submitted to: NOAA, NEFSC

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Date: 2002

Fishermen's Report

Bottom Trawl Survey



Cape Hatteras - SE Georges Bank
February 5 - March 2, 2002

FRV ALBATROSS IV

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



Fluke caught during the Winter Bottom Trawl Survey

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Winter Bottom Trawl Survey
Cape Hatteras - SE Georges Bank
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The enclosed listed and plotted data are of commercial and recreational important species caught during the Northeast Fisheries Science Center's 2002 winter bottom trawl survey aboard the *FRV Albatross IV*. Tows were made with a standardized #36 Yankee flat trawl equipped with a rubber disc covered chain sweep, 30 fathom ground cables, 5 fathom legs and 1000 pound polyvalent doors. The codend and upper belly were lined with 1/2-inch mesh to retain young-of-the-year fish.

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

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 Linda Despres, Ecosystems Surveys Branch, National Marine Fisheries Service, Northeast Fisheries Science Center, 166 Water Street, Woods Hole, MA 02543-1097, Telephone 508-495-2000. View this report on the Ecosystems Surveys Branch website, go to: <http://www.nefsc.nmfs.gov/esb/fishermens%20reports.htm>

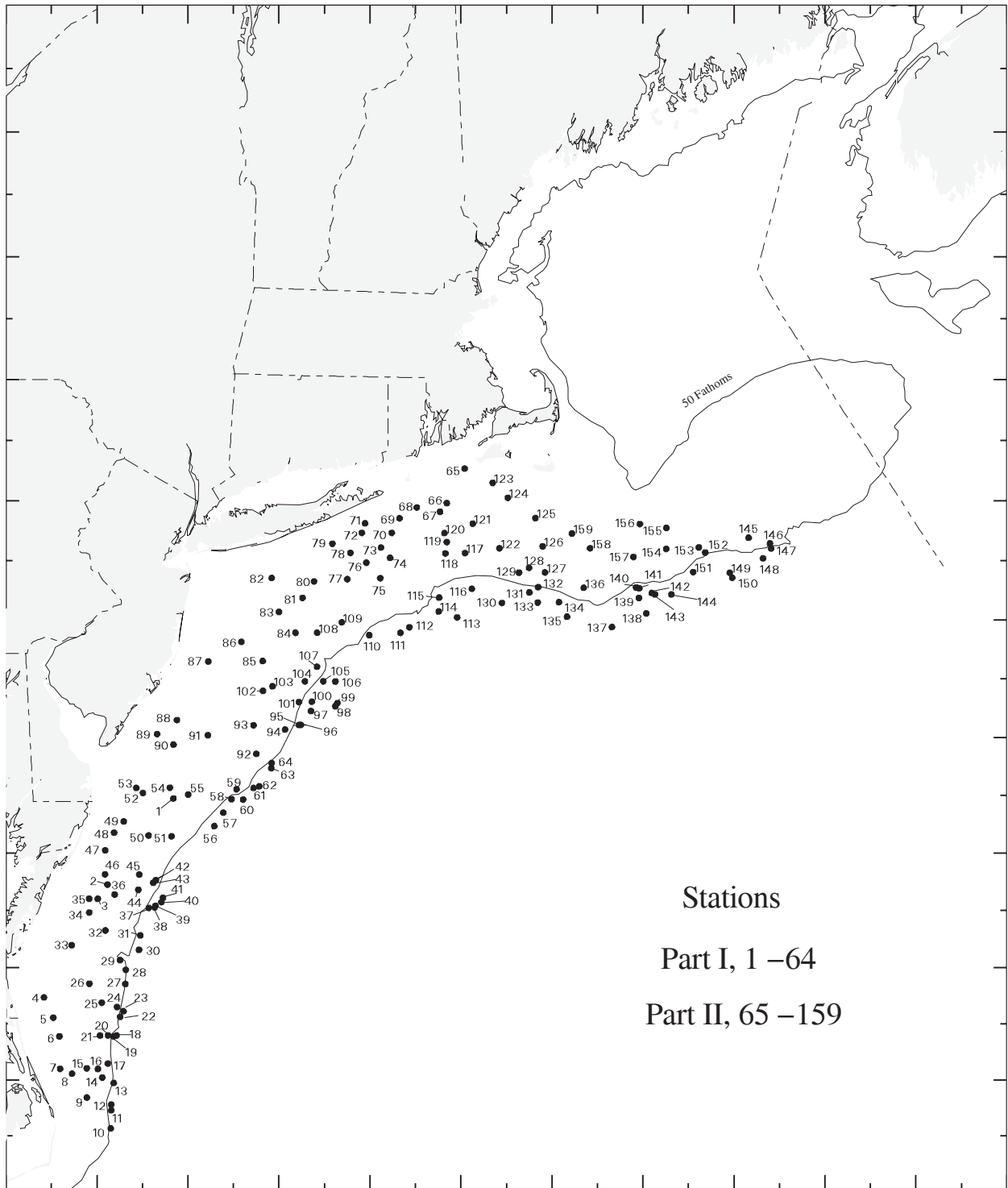


Figure 1. Trawl hauls made from the FRV Albatross IV, during National Marine Fisheries Service, Northeast Fisheries Science Center winter bottom trawl survey (2002 –01), February 5 –March 2, 2002.

NMFS-NEFSC WINTER BOTTOM TRAWL SURVEY
2002 STATION INFORMATION

Station	Date	Time	Lat	Lon	Loran TD's		Course	Bottom Depth (FM)	Temp (F)
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0001	FEB-06	1518	3828.5	7409.6	X26804.3	Y42463.0	215	28.2	49.1
0002	FEB-06	2121	3743.6	7453.1	X26962.3	Y41927.7	224	18.9	49.1
0003	FEB-06	2318	3736.1	7459.5	X26981.1	Y41835.7	222	16.1	49.5
0004	FEB-08	1405	3644.1	7534.9	X27054.9	Y41192.9	177	12.0	47.8
0005	FEB-08	1557	3633.3	7528.8	X27014.1	Y41089.0	167	15.3	47.8
0006	FEB-08	1737	3623.4	7524.7	X26984.0	Y40991.7	178	15.3	48.9
0007	FEB-08	1959	3606.0	7524.3	X26960.3	Y40810.0	103	13.9	48.9
0008	FEB-08	2126	3603.4	7516.5	X26926.9	Y40805.6	142	18.6	49.5
0009	FEB-08	2343	3550.6	7506.7	X26875.3	Y40707.3	138	19.1	54.7
0010	FEB-09	0230	3534.0	7450.9	X26800.7	Y40601.4	009	36.9	58.6
0011	FEB-09	0415	3543.8	7450.6	X26807.8	Y40692.6	355	97.6	63.0
0012	FEB-09	0735	3546.9	7450.7	X26810.8	Y40721.4	003	175.3	52.2
0013	FEB-09	0946	3558.5	7449.0	X26814.8	Y40837.2	015	74.1	61.7
0014	FEB-09	1146	3601.4	7456.5	X26846.9	Y40843.3	016	36.6	59.2
0015	FEB-09	1352	3606.3	7506.7	X26892.2	Y40863.1	094	19.7	51.6
0016	FEB-09	1512	3605.9	7459.4	X26863.1	Y40880.0	065	23.8	55.2
0017	FEB-09	1635	3608.9	7452.8	X26840.1	Y40927.8	021	43.5	60.4
0018	FEB-09	1904	3623.9	7447.0	X26831.9	Y41093.8	008	74.4	57.7
0019	FEB-09	2042	3623.3	7449.0	X26839.5	Y41083.1	204	45.9	53.2
0020	FEB-09	2220	3623.9	7452.7	X26855.0	Y41079.3	021	26.0	60.1
0021	FEB-10	0049	3623.8	7457.9	X26876.3	Y41064.9	062	23.2	53.6
0022	FEB-10	0307	3633.8	7444.7	X26832.4	Y41200.1	014	53.3	55.0
0023	FEB-10	0537	3636.7	7442.5	X26826.4	Y41235.4	010	161.9	56.3
0024	FEB-10	0720	3639.0	7446.7	X26846.7	Y41248.5	173	38.0	53.2
0025	FEB-10	0917	3641.3	7456.8	X26892.2	Y41249.1	328	18.6	52.7
0026	FEB-10	1124	3651.4	7505.0	X26939.9	Y41337.6	090	18.3	51.6
0027	FEB-10	1411	3651.2	7441.3	X26836.9	Y41387.2	020	51.9	57.4
0028	FEB-10	1547	3658.8	7400.4	X26661.9	Y41550.4	003	47.0	56.1
0029	FEB-10	1757	3703.9	7444.8	X26867.2	Y41512.8	334	35.5	55.0
0030	FEB-10	2054	3709.3	7432.3	X26817.2	Y41594.0	025	139.7	54.3
0031	FEB-10	2254	3716.9	7431.4	X26821.7	Y41675.5	356	68.9	55.4
0032	FEB-11	0429	3719.5	7454.4	X26932.0	Y41662.2	135	24.6	50.7
0033	FEB-11	0758	3711.7	7516.7	X27020.6	Y41536.1	029	14.2	48.7
0034	FEB-11	1033	3729.0	7505.1	X26995.5	Y41747.6	339	16.7	50.0
0035	FEB-11	1914	3736.2	7505.2	X27008.0	Y41827.9	083	17.2	48.0
0036	FEB-11	2124	3738.4	7448.3	X26931.0	Y41877.4	114	25.2	50.4
0037	FEB-12	0010	3731.4	7425.8	X26812.4	Y41837.6	064	54.1	55.0
0038	FEB-12	0137	3732.4	7421.4	X26792.5	Y41855.8	207	59.3	55.0
0039	FEB-12	0231	3731.6	7421.9	X26793.9	Y41846.6	021	58.2	
0040	FEB-12	0451	3734.4	7417.5	X26775.8	Y41882.4	020	202.0	50.7
0041	FEB-12	0656	3736.7	7416.4	X26773.2	Y41907.9	033	97.9	55.4
0042	FEB-12	0904	3745.9	7421.1	X26807.6	Y41998.3	213	38.8	52.3
0043	FEB-12	1039	3744.5	7422.9	X26814.8	Y41980.6	274	36.6	52.5
0044	FEB-12	1314	3740.8	7432.7	X26858.4	Y41927.5	022	32.3	51.4
0045	FEB-12	1457	3748.8	7432.1	X26866.6	Y42013.8	031	31.7	51.3
0046	FEB-12	1912	3748.9	7454.7	X26978.9	Y41984.4	000	18.0	48.9
0047	FEB-12	2108	3801.5	7454.5	X27000.0	Y42123.8	027	15.6	47.3
0048	FEB-12	2249	3810.7	7448.7	X26986.7	Y42232.6	030	11.2	46.9

NMFS-NEFSC WINTER BOTTOM TRAWL SURVEY
2002 STATION INFORMATION

Station	Date	Time	Lat	Lon	Loran TD's		Course	Bottom Depth (FM)	Temp (F)
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0049	FEB-13	0024	3816.5	7442.3	X26963.8	Y42303.9	123	17.5	47.1
0050	FEB-13	0231	3809.2	7426.0	X26864.9	Y42241.4	089	24.3	49.6
0051	FEB-13	0438	3808.8	7410.8	X26783.5	Y42253.4	353	35.3	51.4
0052	FEB-13	0755	3831.3	7429.7	X26921.4	Y42477.5	305	19.4	48.2
0053	FEB-13	0933	3833.9	7434.1	X26950.8	Y42502.7	094	18.0	47.3
0054	FEB-13	1236	3834.1	7411.9	X26825.7	Y42520.9	091	29.0	48.4
0055	FEB-13	1439	3830.5	7359.8	X26751.8	Y42492.4	143	29.8	50.7
0056	FEB-13	1738	3814.1	7342.6	X26636.6	Y42337.1	013	67.0	55.4
0057	FEB-13	1922	3821.1	7336.7	X26610.3	Y42413.4	033	70.5	57.0
0058	FEB-13	2145	3828.1	7331.3	X26585.7	Y42488.6	034	178.5	49.5
0059	FEB-14	0001	3833.2	7328.0	X26570.9	Y42542.5	136	46.2	52.2
0060	FEB-14	0131	3827.9	7323.6	X26541.4	Y42492.0	215	63.2	55.4
0061	FEB-14	0411	3833.9	7316.8	X26506.1	Y42556.2	027	70.8	56.1
0062	FEB-14	0601	3834.8	7313.1	X26485.1	Y42567.2	027	113.2	56.7
0063	FEB-14	0821	3844.1	7305.0	X26442.8	Y42663.4	357	76.8	
0064	FEB-14	0956	3846.8	7304.8	X26443.2	Y42689.2	004	59.3	
0065	FEB-19	1759	4116.0	7057.5	X25535.7	Y43875.0	206	21.1	39.9
0066	FEB-19	2031	4058.8	7109.3	X25617.2	Y43768.9	222	29.0	42.6
0067	FEB-19	2219	4054.5	7113.8	X25653.2	Y43742.7	270	30.9	43.5
0068	FEB-20	0105	4056.6	7129.1	X25788.5	Y43778.1	242	29.8	43.9
0069	FEB-20	0350	4051.2	7140.5	X25881.8	Y43751.7	179	32.0	45.0
0070	FEB-20	0628	4043.9	7145.6	X25919.4	Y43701.1	294	30.9	46.8
0071	FEB-20	0833	4048.7	7203.2	X26074.8	Y43760.7	220	22.7	43.3
0072	FEB-20	1019	4043.9	7205.3	X26086.8	Y43724.9	159	26.2	44.2
0073	FEB-20	1231	4036.5	7152.7	X25974.1	Y43650.2	182	33.1	45.9
0074	FEB-20	1518	4031.3	7146.7	X25922.3	Y43602.0	198	38.3	46.8
0075	FEB-20	1754	4021.1	7153.2	X25972.1	Y43525.4	275	37.5	47.1
0076	FEB-20	1947	4029.0	7202.4	X26048.8	Y43598.8	236	33.1	47.3
0077	FEB-20	2212	4020.6	7214.9	X26144.9	Y43541.3	272	32.8	47.7
0078	FEB-21	0055	4033.9	7212.8	X26138.9	Y43651.0	299	28.7	45.1
0079	FEB-21	0253	4038.5	7224.8	X26243.7	Y43703.5	204	23.0	43.5
0080	FEB-21	0637	4019.5	7236.8	X26318.5	Y43552.1	212	28.4	46.4
0081	FEB-21	0847	4011.2	7244.5	X26368.8	Y43484.4	286	30.6	45.5
0082	FEB-21	1124	4021.2	7304.8	X26543.8	Y43594.3	128	21.9	43.9
0083	FEB-21	1402	4004.1	7300.0	X26479.6	Y43430.9	108	27.6	46.8
0084	FEB-21	1613	3953.5	7249.1	X26385.5	Y43325.3	200	30.3	47.3
0085	FEB-21	1907	3939.1	7310.7	X26526.2	Y43198.6	216	22.7	48.4
0086	FEB-21	2133	3948.9	7324.7	X26640.2	Y43299.6	239	20.8	48.4
0087	FEB-22	0003	3938.9	7346.6	X26777.8	Y43207.6	216	11.8	42.8
0088	FEB-22	0420	3908.9	7407.3	X26857.7	Y42894.7	232	17.2	45.3
0089	FEB-22	0617	3901.7	7420.4	X26924.5	Y42813.5	117	17.0	45.3
0090	FEB-22	0810	3856.3	7409.6	X26848.8	Y42759.6	093	22.4	46.2
0091	FEB-22	1113	3901.1	7346.8	X26716.5	Y42818.0	136	22.7	46.0
0092	FEB-22	1438	3851.5	7314.9	X26507.9	Y42731.5	330	43.5	49.8
0093	FEB-22	1656	3906.2	7316.8	X26532.1	Y42876.6	099	36.1	49.6
0094	FEB-22	1919	3900.0	7200.6	X26053.8	Y42830.9	049	46.8	49.6
0095	FEB-22	2055	3906.4	7246.8	X26340.3	Y42882.1	015	67.0	55.9
0096	FEB-22	2244	3906.4	7245.5	X26332.3	Y42883.0	024	68.4	56.3

NMFS-NEFSC WINTER BOTTOM TRAWL SURVEY
2002 STATION INFORMATION

Station	Date	Time	Lat	Lon	Loran TD's		Course	Bottom Depth (FM)	Temp (F)
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0097	FEB-23	0117	3913.5	7238.9	X26291.3	Y42949.8	101	76.0	53.4
0098	FEB-23	0329	3916.0	7222.8	X26187.0	Y42972.4	046	124.1	51.8
0099	FEB-23	0518	3917.6	7221.4	X26178.1	Y42987.4	220	117.0	54.3
0100	FEB-23	0743	3918.3	7238.3	X26288.8	Y42994.8	280	65.1	51.1
0101	FEB-23	0912	3918.2	7246.8	X26345.3	Y42993.7	293	44.8	51.4
0102	FEB-23	1146	3923.9	7310.6	X26508.7	Y43050.5	092	33.6	48.7
0103	FEB-23	1309	3926.2	7304.2	X26467.9	Y43072.3	093	36.9	47.8
0104	FEB-23	1525	3928.7	7242.9	X26323.6	Y43092.4	085	42.7	49.6
0105	FEB-23	1712	3928.8	7230.8	X26241.0	Y43090.0	086	63.4	50.0
0106	FEB-23	1906	3928.7	7222.8	X26186.9	Y43087.5	324	80.7	57.2
0107	FEB-23	2106	3936.2	7234.9	X26272.0	Y43159.1	359	42.9	48.7
0108	FEB-23	2330	3953.5	7234.8	X26280.0	Y43317.4	053	34.2	48.6
0109	FEB-24	0150	3958.8	7218.6	X26162.2	Y43354.4	129	43.5	48.0
0110	FEB-24	0416	3952.3	7200.4	X26028.8	Y43287.2	037	56.9	55.9
0111	FEB-24	0648	3953.5	7139.8	X25882.1	Y43286.4	078	122.8	55.6
0112	FEB-24	0910	3956.3	7134.0	X25838.6	Y43306.1	072	72.5	53.1
0113	FEB-24	1256	4001.3	7102.5	X25617.9	Y43327.7	271	148.5	46.9
0114	FEB-24	1503	4004.3	7114.7	X25695.3	Y43359.0	050	89.1	57.0
0115	FEB-24	1650	4011.3	7114.4	X25683.8	Y43414.2	042	59.1	51.4
0116	FEB-24	1938	4015.7	7052.8	X25526.8	Y43431.9	312	65.1	57.7
0117	FEB-24	2216	4033.8	7057.3	X25529.0	Y43571.2	275	39.9	45.1
0118	FEB-25	0008	4033.6	7110.2	X25628.9	Y43582.8	071	39.1	43.5
0119	FEB-25	0141	4039.3	7109.3	X25617.5	Y43624.8	330	33.6	43.9
0120	FEB-25	0310	4043.8	7110.9	X25628.4	Y43660.0	070	33.1	44.4
0121	FEB-25	0524	4048.5	7052.2	X25472.2	Y43674.2	129	32.0	43.5
0122	FEB-25	0745	4036.2	7034.6	X25358.6	Y43567.3	148	36.1	42.3
0123	FEB-25	1436	4108.9	7039.0	X25357.2	Y43801.6	131	22.7	41.7
0124	FEB-25	1623	4101.5	7029.1	X25270.2	Y43738.4	122	23.8	42.1
0125	FEB-25	1847	4051.3	7010.9	X25160.2	Y43649.3	171	20.8	40.6
0126	FEB-25	2055	4037.1	7006.0	X25183.6	Y43547.8	239	30.1	40.8
0127	FEB-25	2314	4024.0	7004.6	X25221.8	Y43455.6	259	42.9	44.6
0128	FEB-26	0101	4026.4	7015.1	X25266.8	Y43480.2	256	40.2	44.1
0129	FEB-26	0222	4023.9	7021.7	X25310.8	Y43468.2	263	44.0	44.2
0130	FEB-26	0515	4008.6	7033.0	X25418.7	Y43364.8	072	67.5	56.7
0131	FEB-26	0719	4013.9	7014.9	X25304.6	Y43391.4	048	54.4	50.2
0132	FEB-26	0858	4016.6	7009.1	X25267.5	Y43406.6	179	52.8	45.0
0133	FEB-26	1038	4008.8	7009.4	X25293.6	Y43351.4	093	64.8	53.8
0134	FEB-26	1636	4000.1	6955.4	W14204.6	Y43281.5	126	58.8	47.5
0135	FEB-26	1918	4001.7	6950.0	W14172.7	Y43289.9	022	72.2	56.7
0136	FEB-26	2151	4016.3	6939.0	W14070.9	Y43384.4	189	44.0	44.2
0137	FEB-27	0117	3956.4	6920.4	W14042.7	Y43239.9	070	161.0	47.5
0138	FEB-27	0544	4003.3	6857.8	W13911.6	Y43275.8	073	111.8	56.5
0139	FEB-27	0744	4011.1	6902.6	W13908.0	Y43329.2	343	72.5	53.6
0140	FEB-27	0913	4016.4	6904.5	W13898.8	Y43364.5	119	55.8	47.1
0141	FEB-27	1019	4016.0	6902.4	W13890.1	Y43360.8	283	55.2	
0142	FEB-27	1218	4013.6	6854.2	W13859.0	Y43340.7	120	66.7	45.3
0143	FEB-27	1328	4012.9	6852.0	W13851.4	Y43335.1	295	66.4	
0144	FEB-27	1855	4012.9	6841.3	W13800.6	Y43329.5	163	79.0	50.2

NMFS-NEFSC WINTER BOTTOM TRAWL SURVEY
2002 STATION INFORMATION

Station	Date	Time	Lat	Lon	Loran TD's		Course	Bottom Depth (FM)	Temp (F)
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0145	FEB-28	2022	4041.5	6750.3	W13459.9	Y43471.7	113	43.7	42.1
0146	FEB-28	2214	4038.7	6736.3	W13410.7	Y43447.1	145	50.6	47.7
0147	FEB-28	2334	4036.1	6735.4	W13417.5	Y43432.1	215	55.2	53.4
0148	MAR-01	0121	4031.1	6740.8	W13460.5	Y43406.8	113	75.2	53.8
0149	MAR-01	0502	4023.8	6802.7	W13584.5	Y43376.0	167	80.9	51.8
0150	MAR-01	0629	4021.4	6801.1	W13586.9	Y43360.4	307	82.0	52.9
0151	MAR-01	0913	4024.2	6826.8	W13692.3	Y43391.8	024	56.3	52.0
0152	MAR-01	1102	4034.0	6818.9	W13618.0	Y43446.6	308	49.8	48.7
0153	MAR-01	1229	4036.6	6823.1	W13627.3	Y43464.7	266	42.9	44.2
0154	MAR-01	1503	4035.8	6844.6	W13731.7	Y43474.8	357	35.0	43.5
0155	MAR-01	1659	4046.4	6844.5	W13689.8	Y43539.6	347	33.9	43.9
0156	MAR-01	2050	4048.3	6900.0	W13758.0	Y43564.1	188	43.2	42.8
0157	MAR-01	2334	4031.8	6906.3	W13852.4	Y43464.7	230	42.9	45.5
0158	MAR-02	0235	4036.2	6934.8	W13980.6	Y43515.0	307	32.5	42.4
0159	MAR-02	0434	4043.6	6946.8	W14016.0	Y43574.2	018	23.8	41.4

NMFS-NEFSC WINTER BOTTOM TRAWL SURVEY
ALBATROSS IV FEB 5 - MAR 2, 2002
CATCH WEIGHTS (POUNDS) OF IMPORTANT SPECIES BY HAUL

STATION	SPINY DOGFISH	WINTER SKATE	LITTLE SKATE	ATLANTIC HERRING	SILVER HAKE	ATLANTIC COD	HADDOCK	POLLOCK	WHITE HAKE	RED HAKE	AMERICAN PLAICE	SUMMER FLDR	YELLOWTAIL FLDR	WINTER FLDR	WITCH FLDR	WINDOWPANE FLDR	ATLANTIC MACKEREL	BUTTERFISH	ACADIAN REDFISH	LONGHORN SCULPIN	OCEAN POUT	GOOSEFISH	AMERICAN LOBSTER	LONGFIN SQUID	TOTAL* OTHER	TOTAL ALL	
	1	675	0	104	0	0	0	0	0	0	0	0	44	0	0	2	0	0	0	0	0	0	0	0	53	140	1018
2	446	0	125	0	0	0	0	0	0	0	0	28	0	0	0	1	0	0	0	0	0	13	0	15	53	681	
3	1513	36	99	0	0	0	0	0	0	1	0	18	0	0	0	4	0	7	0	0	0	8	0	33	129	1848	
4	776	10	6	0	0	0	0	0	0	0	0	81	0	0	0	4	0	0	0	0	0	7	0	3	164	1051	
5	547	0	6	0	0	0	0	0	0	0	0	78	0	0	0	13	0	1	0	0	0	9	0	17	113	784	
6	438	0	0	0	0	0	0	0	0	0	0	52	0	0	0	10	0	2	0	0	0	0	0	46	47	595	
7	424	0	0	0	0	0	0	0	0	0	0	35	0	0	0	4	0	1	0	0	0	5	0	11	81	561	
8	264	0	0	0	0	0	0	0	0	0	0	38	0	0	0	0	0	17	0	0	0	21	0	47	163	550	
9	190	0	0	0	0	0	0	0	0	0	0	39	0	0	0	0	0	1	0	0	0	0	0	45	290	565	
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	17	0	21	192	232	
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	13	0	1	4701	4715	
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
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11	0	1	2529	2541	
14	0	0	0	0	0	0	0	0	0	0	0	19	0	0	0	0	0	0	0	0	0	0	0	13	296	328	
15	26	0	0	0	0	0	0	0	0	0	0	13	0	0	0	0	0	0	0	0	0	5	0	4	278	326	
16	0	0	0	0	0	0	0	0	0	0	0	12	0	0	0	0	0	0	0	0	0	5	0	9	390	416	
17	0	0	0	0	0	0	0	0	0	0	0	15	0	0	0	0	0	0	0	0	0	26	0	2	1241	1284	
18	26	0	0	0	0	0	0	0	0	0	0	43	0	0	0	0	0	1	0	0	0	67	0	29	716	882	
19	13	0	0	0	0	0	0	0	0	0	0	32	0	0	0	0	0	0	0	0	0	9	0	2	751	807	
20	5	0	0	0	0	0	0	0	0	0	0	17	0	0	0	0	0	0	0	0	0	5	0	3	2978	3008	
21	129	0	3	0	0	0	0	0	0	0	0	34	0	0	0	0	0	0	0	0	0	31	0	9	613	819	
22	1221	0	0	0	0	0	0	0	0	0	0	7	0	0	0	0	0	0	0	0	0	12	0	9	675	1924	
23	360	0	0	0	7	0	0	0	0	0	0	12	0	0	0	0	0	8	0	0	0	10	0	44	141	582	
24	3152	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	9	816	3980	
25	9244	11	13	0	0	0	0	0	0	0	0	38	0	0	0	0	0	0	0	0	0	8	0	1	471	9786	
26	1990	0	24	0	0	0	0	0	0	0	0	106	0	0	0	0	0	0	0	0	0	16	0	18	329	2483	
27	843	0	0	0	0	0	0	0	0	0	0	13	0	0	0	0	0	0	0	0	0	0	0	4	207	1067	
28	1078	0	0	0	0	0	0	0	0	0	0	10	0	0	0	0	0	0	0	0	0	9	0	4	316	1417	
29	661	0	0	0	2	0	0	0	0	0	0	18	0	0	1	0	0	0	0	0	0	5	0	52	211	950	
30	343	0	0	0	45	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	48	0	2	73	513	
31	270	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	1	0	0	0	5	0	143	124	547	
32	251	0	1	0	0	0	0	0	0	0	0	81	0	0	0	0	0	0	0	0	0	0	0	9	210	552	
33	766	0	9	0	0	0	0	0	0	0	0	35	0	0	0	5	0	32	0	0	0	0	0	2	43	892	
34	1012	0	70	0	0	0	0	0	0	0	0	21	0	0	0	5	0	0	0	0	0	0	0	2	8	1118	
35	572	7	104	0	0	0	0	0	0	0	0	43	0	0	0	23	0	1	0	0	0	0	0	30	40	820	
36	201	0	75	0	0	0	0	0	0	0	0	23	0	0	0	0	0	0	0	0	0	0	0	12	86	397	
37	26	0	1	0	0	0	0	0	0	0	0	27	0	0	0	0	0	0	0	0	0	0	0	8	37	99	
38	5	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	1	2	10	
39	44	0	0	0	0	0	0	0	0	0	0	20	0	0	0	0	0	0	0	0	0	0	0	27	79	170	

NMFS-NEFSC WINTER BOTTOM TRAWL SURVEY
ALBATROSS IV FEB 5 - MAR 2, 2002
CATCH WEIGHTS (POUNDS) OF IMPORTANT SPECIES BY HAUL

STATION	SPINY DOGFISH	WINTER SKATE	LITTLE SKATE	ATLANTIC HERRING	SILVER HAKE	ATLANTIC COD	HADDOCK	POLLOCK	WHITE HAKE	RED HAKE	AMERICAN PLAICE	SUMMER FLDR	YELLOWTAIL FLDR	WINTER FLDR	WITCH FLDR	WINDOWPANE FLDR	ATLANTIC MACKEREL	BUTTERFISH	ACADIAN REDFISH	LONGHORN SCULPIN	OCEAN POUT	GOOSEFISH	AMERICAN LOBSTER	LONGFIN SQUID	TOTAL* OTHER	TOTAL ALL
40	142	0	0	0	30	0	0	0	0	1	0	0	0	0	14	0	0	0	0	0	0	240	0	1	53	481
41	254	0	0	0	1	0	0	0	0	0	0	220	0	0	0	0	0	21	0	0	0	0	0	82	242	820
42	131	0	44	0	0	0	0	0	0	0	0	33	0	0	1	0	0	0	0	0	0	4	0	38	134	385
43	201	0	41	0	0	0	0	0	0	0	0	48	0	0	0	0	0	0	0	0	0	8	0	26	165	489
44	195	0	41	0	0	0	0	0	0	0	0	24	0	0	0	0	0	0	0	0	0	26	0	20	240	546
45	587	0	76	0	0	0	0	0	0	0	0	59	0	0	1	0	0	0	0	0	0	0	0	8	130	861
46	233	27	247	0	0	0	0	0	0	0	0	33	0	0	0	9	0	13	0	0	0	0	0	6	48	616
47	131	43	119	0	0	0	0	0	0	0	0	3	0	0	0	25	0	0	0	0	0	0	0	1	30	352
48	393	22	96	0	0	0	0	0	0	0	0	9	0	0	0	42	0	0	0	0	0	0	0	4	12	578
49	293	13	85	0	0	0	0	0	0	0	0	9	0	0	0	27	0	0	0	0	0	21	0	3	17	468
50	481	0	168	0	0	0	0	0	0	0	0	15	0	0	0	0	0	2	0	0	0	0	0	7	142	815
51	475	0	240	0	0	0	0	0	0	0	0	22	0	0	0	0	0	0	0	0	0	3	0	43	204	987
52	1270	0	177	0	0	0	0	0	0	0	0	48	0	0	0	3	0	4	0	0	0	17	1	3	110	1633
53	3320	8	123	0	0	0	0	0	0	0	0	19	0	1	0	6	0	12	0	0	0	0	0	4	17	3510
54	736	0	170	0	0	0	0	0	0	0	0	81	0	0	2	0	0	14	0	0	0	0	0	27	47	1077
55	839	0	145	0	0	0	0	0	0	0	0	44	0	0	2	0	0	17	0	0	6	0	0	12	75	1140
56	94	0	2	0	7	0	0	0	0	0	0	47	0	0	3	0	0	10	0	0	0	26	0	70	152	411
57	192	0	0	0	4	0	0	0	0	0	0	64	0	0	0	0	0	0	0	0	0	23	0	112	63	458
58	43	0	0	0	22	0	0	0	0	1	0	1	0	0	11	0	0	0	0	0	0	41	1	1	8	129
59	162	0	0	0	0	0	0	0	0	0	0	64	0	0	1	0	0	2	0	0	0	19	0	17	259	524
60	10	0	0	0	1	0	0	0	0	0	0	26	0	0	0	0	0	6	0	0	0	14	0	125	210	392
61	29	0	0	0	1	0	0	0	0	0	0	26	0	0	1	0	0	0	0	0	0	16	0	100	120	293
62	12	0	0	0	9	0	0	0	0	0	0	45	0	0	7	0	0	0	0	0	0	1	0	1	24	99
63	63	0	3	0	4	0	0	0	0	0	0	109	0	0	1	0	0	0	0	0	0	23	0	13	32	248
64	112	0	6	0	2	0	0	0	0	0	0	72	0	0	0	0	0	8	0	0	0	29	0	64	87	380
65	0	156	1229	2	1	0	0	0	0	1	0	0	0	4	0	0	0	0	0	5	0	0	0	0	80	1478
66	1249	96	392	47	3	0	0	0	0	1	0	0	30	5	0	2	1	0	0	1	10	6	0	0	16	1859
67	377	253	422	94	9	0	0	0	0	4	0	1	65	10	0	1	31	0	0	1	34	26	2	1	70	1401
68	253	193	418	6	7	0	0	0	0	2	0	2	12	3	0	0	13	0	0	0	38	18	0	1	52	1018
69	326	52	241	30	9	0	0	0	1	3	0	4	13	3	0	0	4	2	0	1	3	21	0	8	48	769
70	295	0	95	3	1	0	0	0	0	1	0	6	11	0	1	0	8	7	0	0	27	4	3	5	16	483
71	265	102	70	0	7	0	0	0	0	0	0	2	36	12	0	10	47	0	0	4	166	1	0	0	9	731
72	576	21	75	2	18	0	0	0	0	0	0	31	19	2	0	8	0	0	0	0	466	0	0	3	27	1248
73	1948	7	184	0	8	0	0	0	1	4	0	32	10	0	1	0	1	7	0	0	108	33	0	22	40	2406
74	154	0	73	0	15	0	0	0	1	8	0	117	2	0	5	0	0	31	0	0	10	17	0	115	79	627
75	161	0	90	11	2	0	0	0	0	1	0	60	0	0	11	0	1	13	0	0	0	32	0	78	103	563
76	3163	6	382	11	2	0	0	0	0	1	0	9	16	0	2	0	9	1	0	0	13	20	0	13	67	3715
77	1690	0	279	27	1	0	0	0	0	0	0	3	20	0	0	0	6	0	0	0	21	42	0	17	52	2158
78	364	0	81	5	24	0	0	0	0	0	0	0	9	1	0	0	1	0	0	0	29	1	0	3	52	570

NMFS-NEFSC WINTER BOTTOM TRAWL SURVEY
ALBATROSS IV FEB 5 - MAR 2, 2002
CATCH WEIGHTS (POUNDS) OF IMPORTANT SPECIES BY HAUL

STATION	SPINY DOGFISH	WINTER SKATE	LITTLE SKATE	ATLANTIC HERRING	SILVER HAKE	ATLANTIC COD	HADDOCK	POLLOCK	WHITE HAKE	RED HAKE	AMERICAN PLAICE	SUMMER FLDR	YELLOWTAIL FLDR	WINTER FLDR	WITCH FLDR	WINDOWPANE FLDR	ATLANTIC MACKEREL	BUTTERFISH	ACADIAN REDFISH	LONGHORN SCULPIN	OCEAN POUT	GOOSEFISH	AMERICAN LOBSTER	LONGFIN SQUID	TOTAL* OTHER	TOTAL ALL
79	401	28	310	14	8	0	0	0	0	0	0	0	19	10	0	2	0	0	0	0	12	28	0	3	18	853
80	533	0	253	6	10	0	0	0	0	0	0	18	20	1	0	0	32	0	0	0	57	11	0	33	67	1041
81	895	0	126	0	6	0	0	0	0	0	0	15	8	0	0	1	0	0	0	0	33	18	0	32	41	1175
82	255	13	160	1	2	0	0	0	0	0	0	3	21	9	0	3	63	0	0	0	43	0	0	1	3	577
83	3315	3	118	0	5	0	0	0	0	0	0	11	11	0	0	0	4	0	0	0	14	0	0	6	19	3506
84	1046	0	102	0	2	0	0	0	0	0	0	24	1	0	0	0	0	1	0	0	34	2	0	17	19	1248
85	3813	8	229	102	0	0	0	0	0	0	0	0	2	0	0	1	532	0	0	0	2	9	0	6	32	4736
86	506	0	289	35	0	0	0	0	0	0	0	4	5	8	0	1	4	2	0	0	8	0	0	13	11	886
87	87	33	316	2	0	0	0	0	0	0	0	1	0	0	0	7	0	0	0	0	1	0	0	0	24	471
88	192	0	275	44	0	0	0	0	0	0	0	0	0	0	0	17	0	0	0	0	0	0	0	5	2	535
89	320	0	141	1	0	0	0	0	0	0	0	23	0	0	0	45	0	0	0	0	0	0	0	6	37	573
90	341	0	96	0	0	0	0	0	0	0	0	44	0	0	0	11	0	1	0	0	0	0	0	2	4	499
91	792	0	81	0	0	0	0	0	0	0	0	26	1	0	1	5	1	0	0	0	9	0	0	7	10	933
92	1286	0	175	0	1	0	0	0	0	0	0	43	0	0	3	0	0	16	0	0	0	2	0	9	499	2034
93	1746	0	233	0	1	0	0	0	0	0	0	40	0	0	0	0	1	20	0	0	0	29	0	39	876	2985
94	59	0	57	0	0	0	0	0	0	0	0	37	0	0	1	0	0	1	0	0	0	52	0	5	88	300
95	954	0	39	0	2	0	0	0	0	0	0	36	0	0	0	0	0	7	0	0	0	62	0	8	101	1209
96	643	0	30	0	1	0	0	0	0	0	0	28	0	0	0	0	0	51	0	0	0	42	0	199	110	1104
97	149	0	0	0	0	0	0	0	0	0	0	71	0	0	1	0	0	5	0	0	0	51	1	28	28	334
98	41	0	0	0	60	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	63	0	4	40	208
99	102	0	0	0	48	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	62	0	6	55	274
100	18	0	5	0	0	0	0	0	0	0	0	38	0	0	1	0	0	2	0	0	0	12	0	4	63	143
101	291	0	84	0	2	0	0	0	0	0	0	193	0	0	10	0	0	3	0	0	0	40	0	29	83	735
102	2001	0	305	0	0	0	0	0	0	0	0	31	0	0	1	0	0	0	0	0	1	4	0	5	44	2392
103	1160	0	345	0	1	0	0	0	0	0	0	23	0	0	0	0	0	14	0	0	3	0	0	8	70	1624
104	1050	0	125	2	7	0	0	0	0	0	0	607	0	0	1	0	0	1	0	0	0	37	0	23	545	2398
105	16	0	31	0	0	0	0	0	0	0	0	93	0	0	0	0	0	2	0	0	0	24	0	45	23	234
106	0	0	6	0	5	0	0	0	0	0	0	10	0	0	0	0	0	0	0	0	0	19	0	12	6	58
107	178	0	154	0	1	0	0	0	0	1	0	175	0	0	4	0	0	5	0	0	0	27	0	9	741	1295
108	3462	0	206	2	1	0	0	0	0	0	0	35	0	0	0	0	472	2	0	0	3	10	0	11	247	4451
109	63	0	73	0	1	0	0	0	0	1	0	71	0	0	1	0	0	7	0	0	0	49	8	15	46	335
110	9	0	24	0	0	0	0	0	0	0	0	76	0	0	0	0	0	29	0	0	0	11	0	27	30	206
111	0	0	1	0	5	0	0	0	0	7	0	12	0	0	9	0	0	1	0	0	0	37	0	201	44	317
112	0	0	11	0	0	0	0	0	0	0	0	56	0	0	1	0	0	12	0	0	0	18	0	96	31	225
113	5	0	0	0	52	0	0	0	7	72	0	0	0	0	12	0	0	0	0	0	0	298	0	39	76	561
114	1	0	0	0	1	0	0	0	0	0	0	42	0	0	2	0	2	20	0	0	0	14	0	245	30	357
115	0	0	0	0	4	0	0	0	0	0	0	166	0	0	1	1	0	13	0	0	0	12	0	621	51	869
116	0	0	0	0	0	0	0	0	0	0	0	24	0	0	0	0	0	2	0	0	0	17	0	2	1	46
117	21	0	6	64	33	0	0	0	0	2	0	0	0	0	0	0	28	1	0	0	0	10	1	1	9	176

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

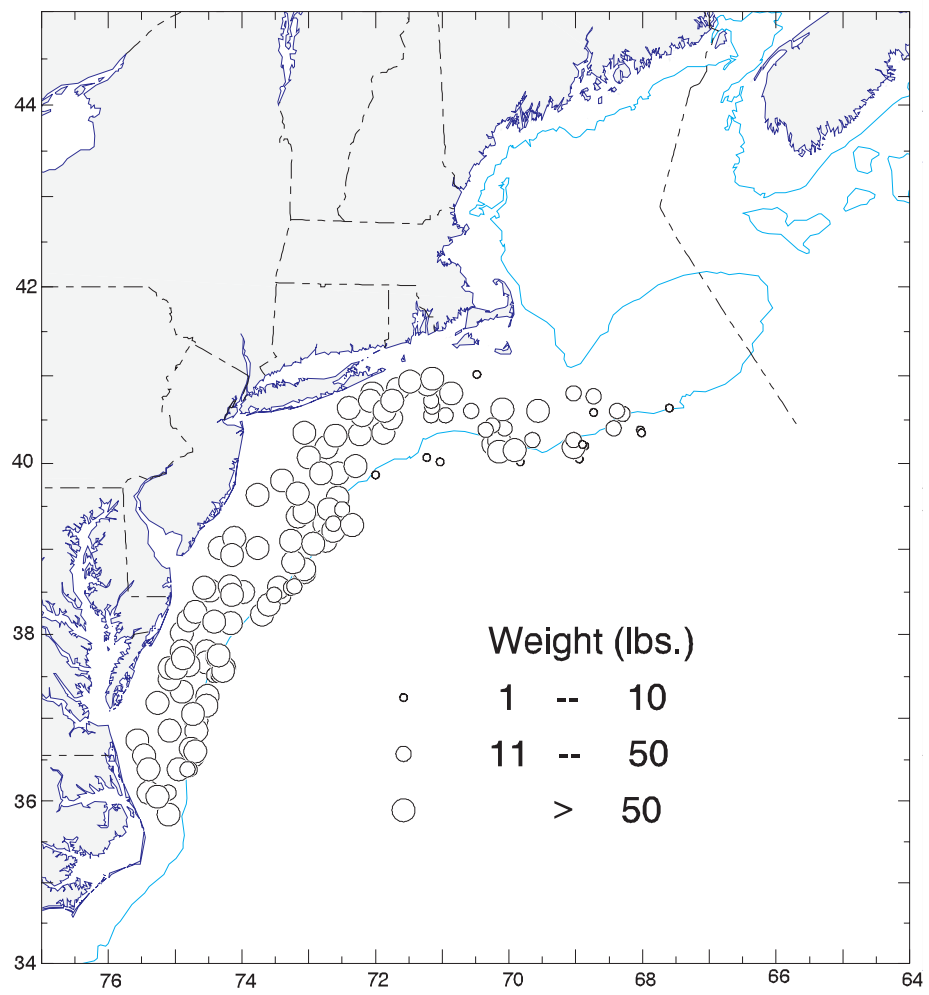
STATION	SPINY DOGFISH	WINTER SKATE	LITTLE SKATE	ATLANTIC HERRING	SILVER HAKE	ATLANTIC COD	HADDOCK	POLLOCK	WHITE HAKE	RED HAKE	AMERICAN PLAICE	SUMMER FLDR	YELLOWTAIL FLDR	WINTER FLDR	WITCH FLDR	WINDOWPANE FLDR	ATLANTIC MACKEREL	BUTTERFISH	ACADIAN REDFISH	LONGHORN SCULPIN	OCEAN POUT	GOOSEFISH	AMERICAN LOBSTER	LONGFIN SQUID	TOTAL* OTHER	TOTAL ALL	
	118	12	19	16	15	38	0	0	0	0	5	0	2	1	0	0	0	0	1	0	0	0	14	0	3	33	159
119	14	170	307	159	19	0	0	0	0	3	0	31	7	0	5	0	35	5	0	0	2	34	0	4	57	852	
120	41	39	335	1410	12	0	0	0	2	3	0	6	12	0	2	0	17	2	0	0	8	121	0	3	58	2071	
121	290	219	637	244	53	0	0	0	0	6	0	19	25	5	3	66	5	1	0	1	20	29	0	1	72	1696	
122	39	987	21	0	12	0	0	0	0	0	0	16	18	0	2	212	0	0	0	0	11	8	0	2	43	1371	
123	0	56	245	4	2	0	0	0	0	0	0	0	1	19	0	3	0	0	0	34	2	0	0	0	27	393	
124	4	4	79	70	6	2	0	0	0	0	0	3	1	4	0	3	0	0	0	75	1	0	0	0	8	260	
125	0	429	1031	0	0	0	0	0	0	0	0	0	3	6	0	1	0	0	0	7	0	0	0	0	37	1514	
126	57	170	399	0	1	0	0	0	0	0	0	0	1	0	0	3	0	0	0	5	0	0	0	0	0	1	637
127	23	158	51	2	14	0	0	0	0	6	0	18	0	0	4	1	1	0	0	0	0	59	0	1	274	612	
128	20	472	42	2	10	0	0	0	0	0	0	7	0	0	3	8	0	0	0	0	0	73	0	1	129	767	
129	27	86	16	0	24	0	0	0	0	6	0	22	0	0	0	2	0	0	0	0	0	109	0	0	116	408	
130	0	11	0	0	0	0	0	0	0	0	0	52	0	0	0	0	0	195	0	0	0	15	0	12	1	286	
131	4688	0	2	0	12	0	0	0	0	0	0	442	0	0	1	0	0	9	0	0	0	22	0	2	71	5249	
132	2142	15	7	0	14	0	0	0	0	0	0	275	0	0	1	1	0	1	0	0	0	21	1	6	139	2623	
133	1160	0	0	0	0	0	0	0	0	0	0	259	0	0	5	0	0	84	0	0	0	18	0	19	41	1586	
134	4863	0	0	0	0	0	0	0	0	0	0	20	0	0	0	0	0	3	0	0	0	3	0	4	15	4908	
135	6	0	1	0	0	0	0	0	0	0	0	15	0	0	0	0	0	6	0	0	0	13	0	9	6	56	
136	14	893	35	0	3	0	0	0	0	10	0	30	0	0	4	0	0	1	0	0	3	29	0	1	81	1104	
137	0	0	2	0	17	0	0	0	4	8	0	0	0	0	18	0	0	0	0	0	0	160	22	1	49	281	
138	6	0	0	0	24	0	0	0	0	7	0	8	0	0	9	0	0	3	0	0	0	14	0	98	88	257	
139	50	0	14	0	1	0	0	0	0	0	0	131	0	0	2	0	0	2	0	0	2	7	0	35	127	371	
140	0	0	11	0	0	0	0	0	0	0	0	6	0	0	0	1	0	0	0	0	0	9	0	0	6	33	
141	13	55	24	0	2	0	1	0	0	0	0	30	0	0	10	0	0	1	0	0	7	9	0	12	104	268	
142	3	0	21	0	0	0	0	0	0	0	0	115	0	0	4	0	0	0	0	0	0	7	0	2	63	215	
143	7	0	13	0	2	0	0	0	7	1	0	92	0	0	6	0	0	0	0	0	0	13	0	9	156	306	
144	0	8	11	0	0	0	0	0	0	0	0	54	0	0	0	0	0	0	0	0	0	15	0	1	82	171	
145	0	398	85	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	1	0	18	0	0	15	521	
146	3	26	63	0	2	0	48	0	0	39	0	2	2	0	0	0	0	0	0	1	8	20	0	1	17	232	
147	0	0	44	0	2	0	0	0	0	9	0	0	0	0	20	4	0	0	0	1	1	13	0	1	41	136	
148	0	17	23	0	1	0	0	0	0	2	0	24	0	0	1	0	0	0	0	0	1	19	0	7	101	196	
149	2	13	4	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	4	0	13	60	101	
150	5	11	3	0	3	0	0	0	0	1	0	27	0	0	17	0	0	0	0	0	0	6	0	13	44	130	
151	10	107	14	0	2	0	1	0	0	4	0	0	0	0	4	0	0	0	0	0	1	16	0	2	30	191	
152	15	478	8	0	2	0	8	0	5	9	2	29	3	0	2	0	0	0	0	0	134	9	0	0	8	712	
153	19	84	43	1	1	0	1	0	0	3	3	52	94	0	0	124	5	0	0	1	153	11	0	1	20	616	
154	3	24	21	0	0	0	0	0	0	0	0	6	27	0	0	53	1	0	0	0	15	15	0	0	3	168	
155	22	0	19	0	0	0	0	0	0	0	0	0	1	0	0	6	2	0	0	0	0	0	0	0	0	0	50
156	45	1004	296	0	1	16	1	0	0	0	0	0	26	71	0	34	0	0	0	8	5	0	0	0	372	1879	

NMFS-NEFSC WINTER BOTTOM TRAWL SURVEY
 ALBATROSS IV FEB 5 - MAR 2, 2002
 CATCH WEIGHTS (POUNDS) OF IMPORTANT SPECIES BY HAUL

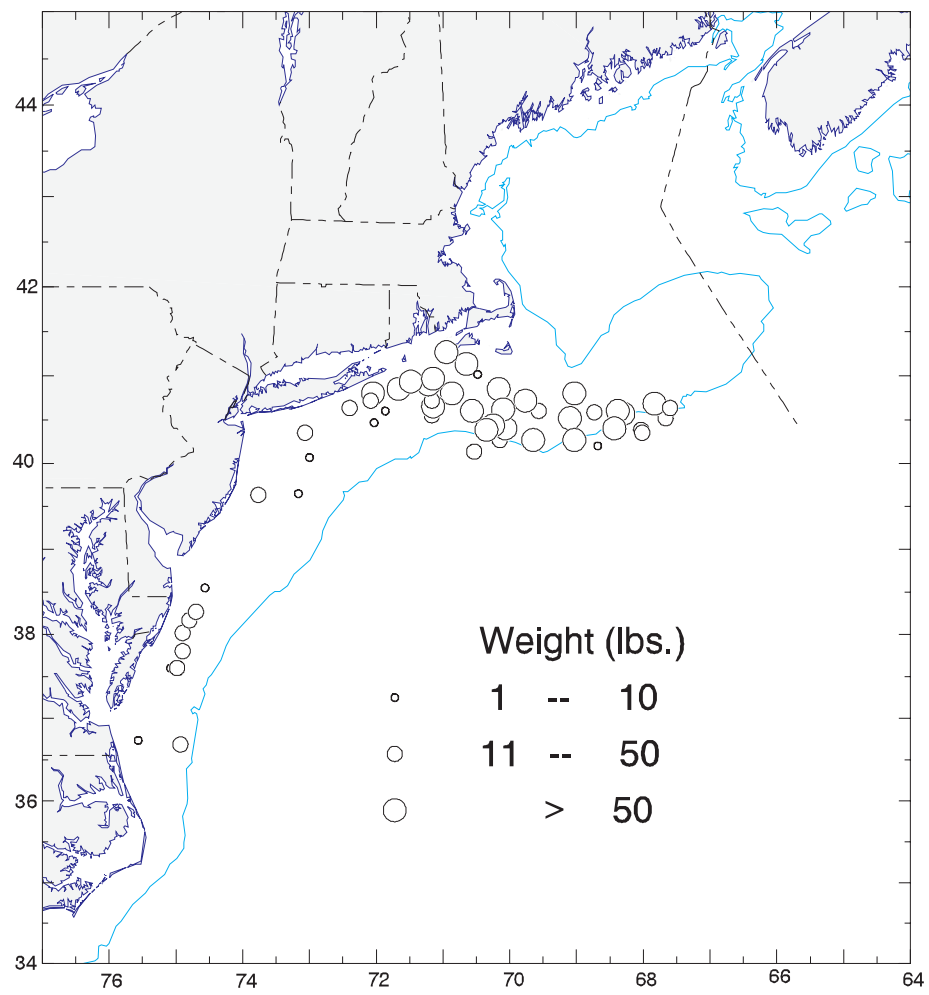
STATION	SPINY DOGFISH	WINTER SKATE	LITTLE SKATE	ATLANTIC HERRING	SILVER HAKE	ATLANTIC COD	HADDOCK	POLLOCK	WHITE HAKE	RED HAKE	AMERICAN PLAICE	SUMMER FLDR	YELLOWTAIL FLDR	WINTER FLDR	WITCH FLDR	WINDOWPANE FLDR	ATLANTIC MACKEREL	BUTTERFISH	ACADIAN REDFISH	LONGHORN SCULPIN	OCEAN POUT	GOOSEFISH	AMERICAN LOBSTER	LONGFIN SQUID	TOTAL* OTHER	TOTAL ALL	
157	0	575	147	0	0	0	0	0	0	1	0	2	28	1	0	67	0	0	0	0	0	18	0	0	0	5	844
158	149	16	877	48	2	0	0	0	0	0	0	0	1	3	0	4	20	0	0	40	0	3	0	0	0	13	1176
159	0	58	318	4	0	0	0	0	0	0	0	0	1	1	0	4	0	0	0	16	0	0	0	0	0	1	403
TOTAL	88233	7750	16145	2470	783	18	60	0	28	235	5	6322	583	179	245	897	1347	776	0	202	1525	3121	40	3881	29903	164748	

* "Total other" in southern areas are comprised primarily of smooth dogfish, clearnose skates and spotted hake.

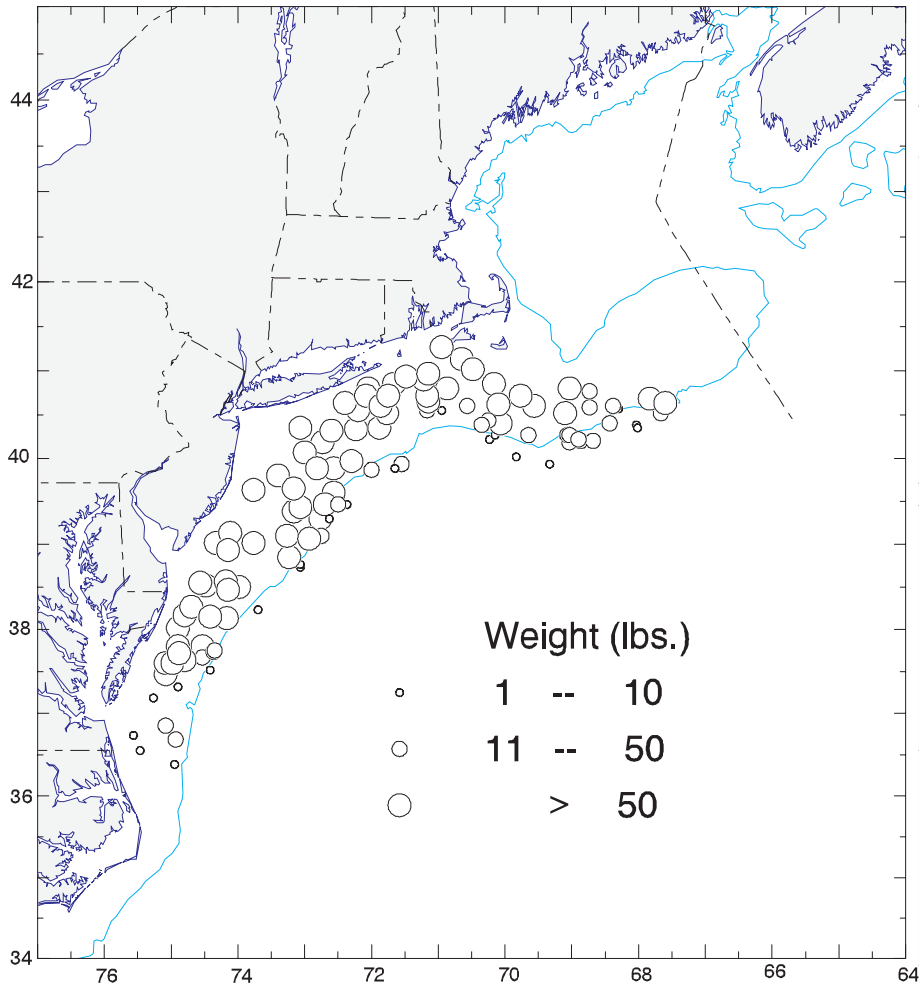
SPINY DOGFISH
 NEFSC Bottom Trawl Survey
 Feb 5 - Mar 2, 2002



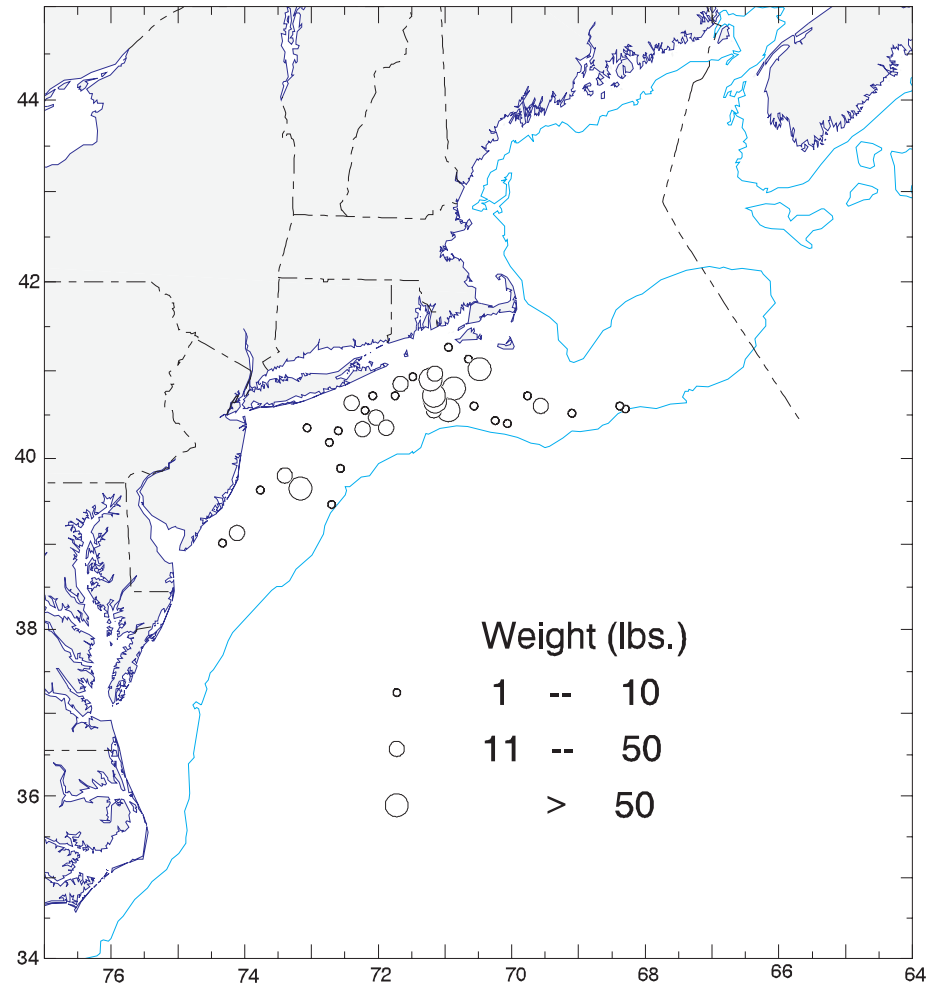
WINTER SKATE
 NEFSC Bottom Trawl Survey
 Feb 5 - Mar 2, 2002



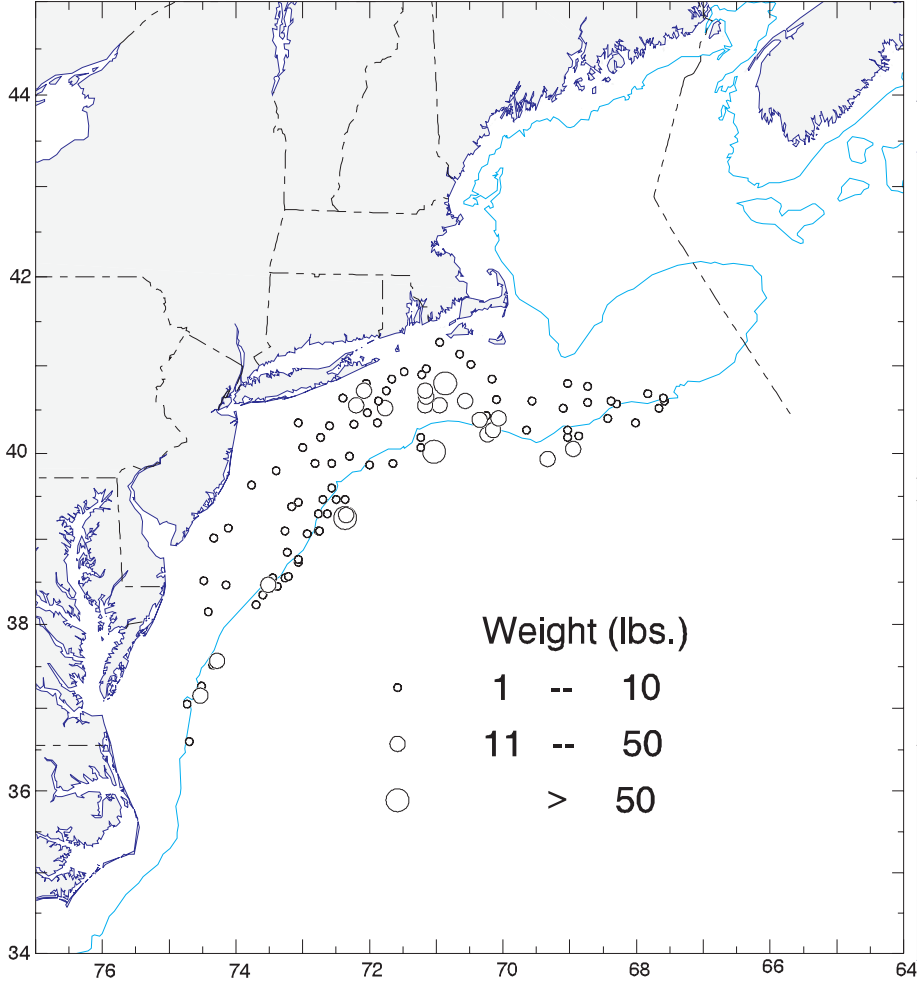
LITTLE SKATE
NEFSC Bottom Trawl Survey
Feb 5 - Mar 2, 2002



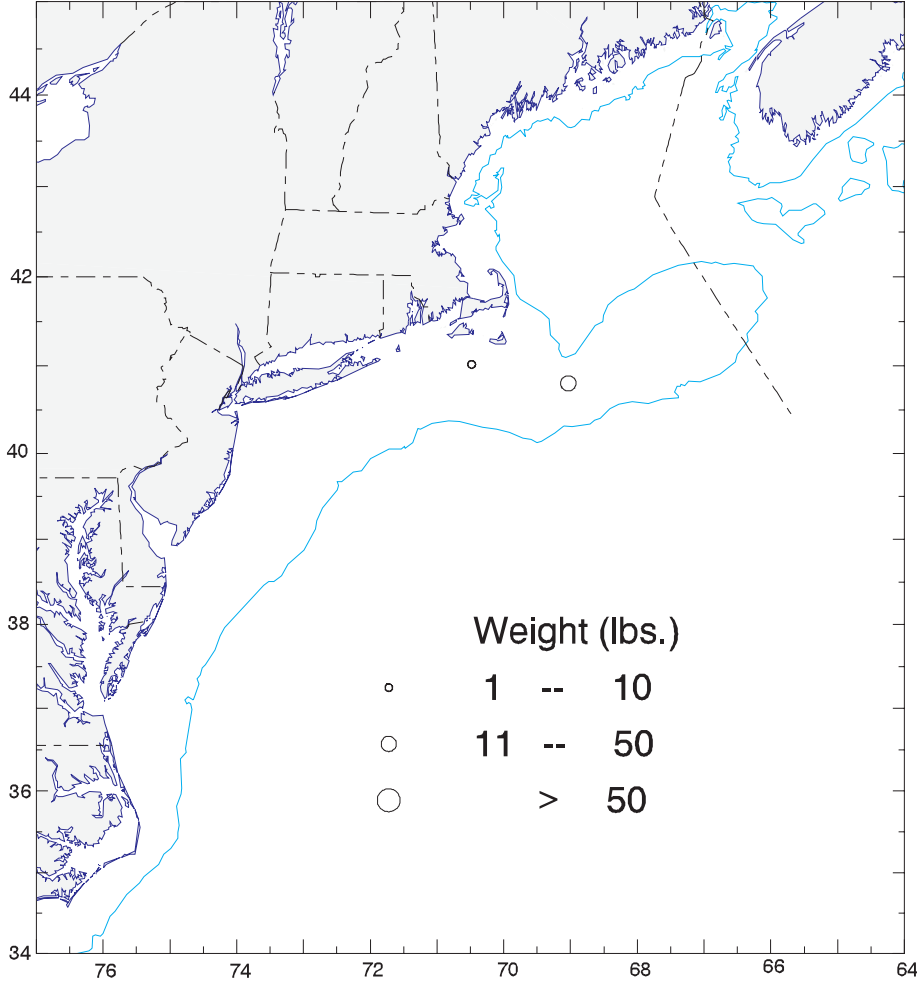
ATLANTIC HERRING
NEFSC Bottom Trawl Survey
Feb 5 - Mar 2, 2002



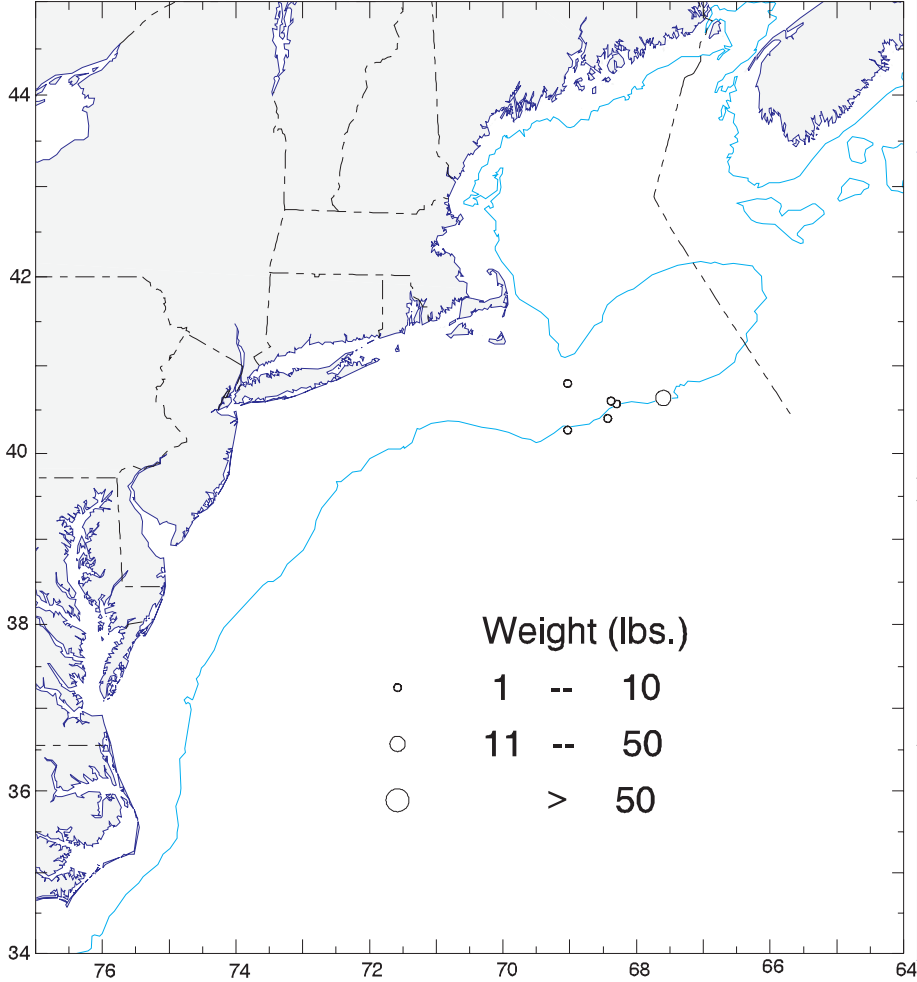
SILVER HAKE
NEFSC Bottom Trawl Survey
Feb 5 - Mar 2, 2002



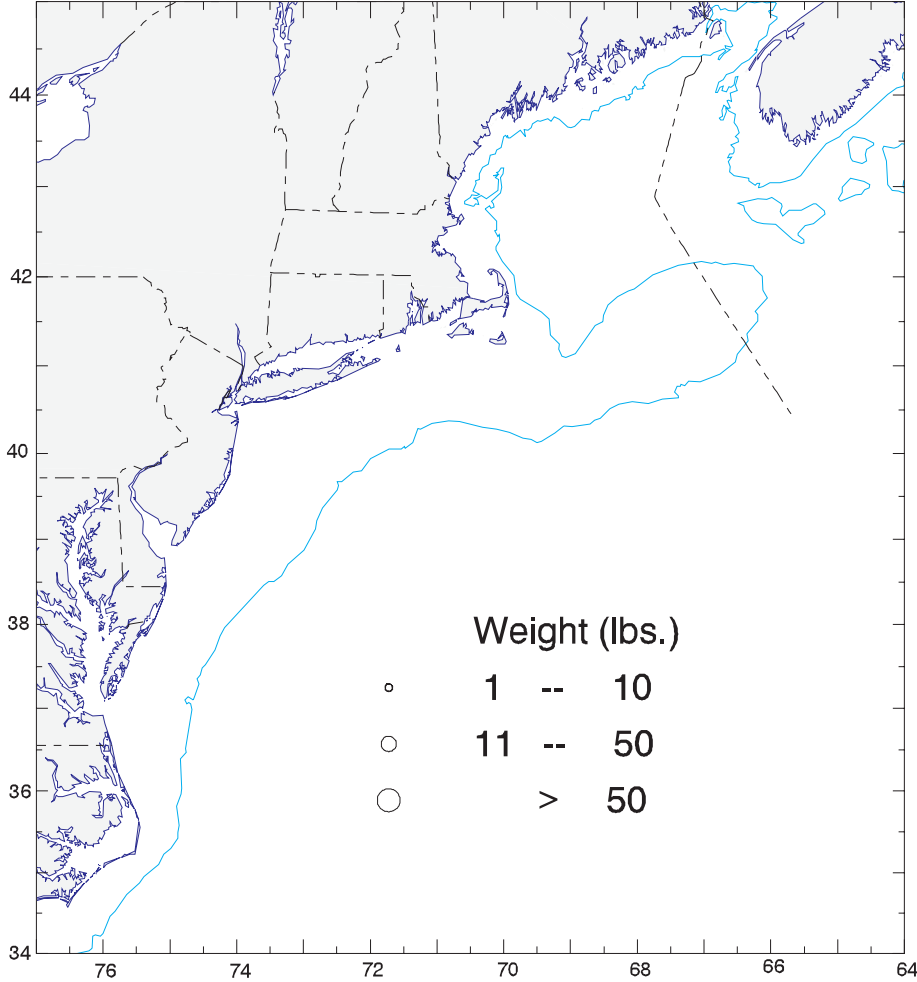
ATLANTIC COD
NEFSC Bottom Trawl Survey
Feb 5 - Mar 2, 2002



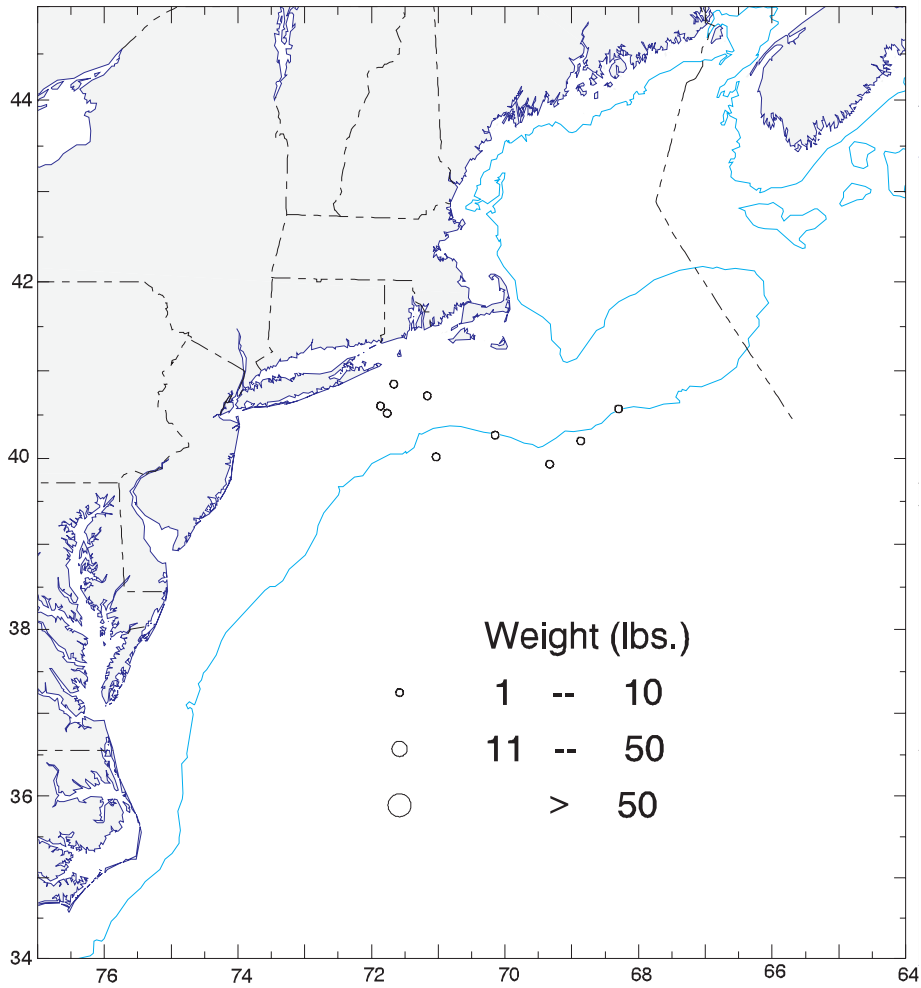
HADDOCK
NEFSC Bottom Trawl Survey
Feb 5 - Mar 2, 2002



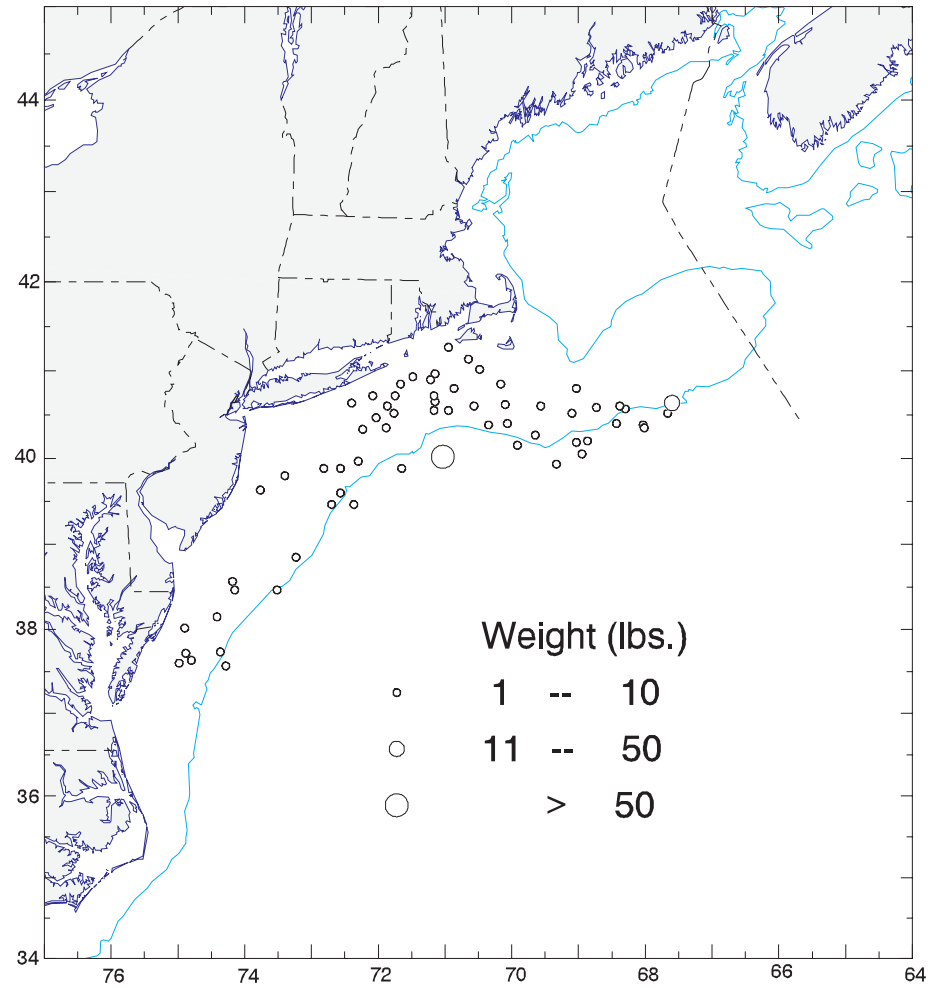
POLLOCK
NEFSC Bottom Trawl Survey
Feb 5 - Mar 2, 2002



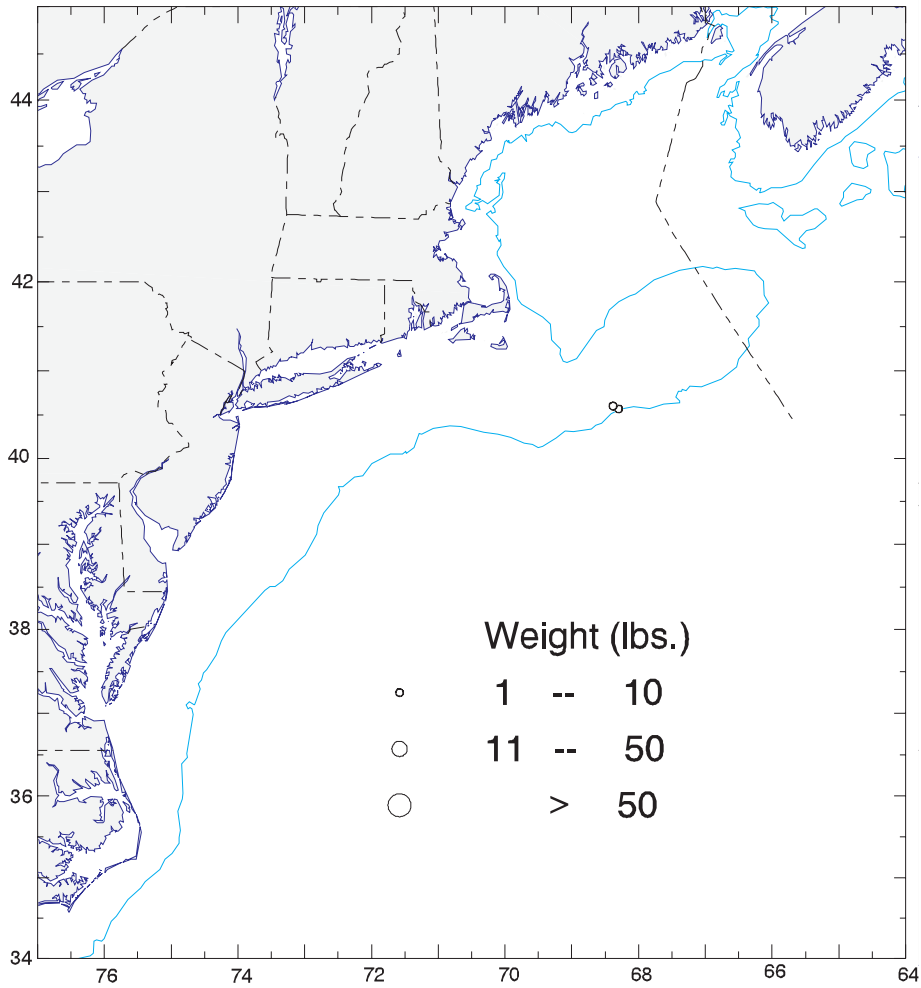
WHITE HAKE
NEFSC Bottom Trawl Survey
Feb 5 - Mar 2, 2002



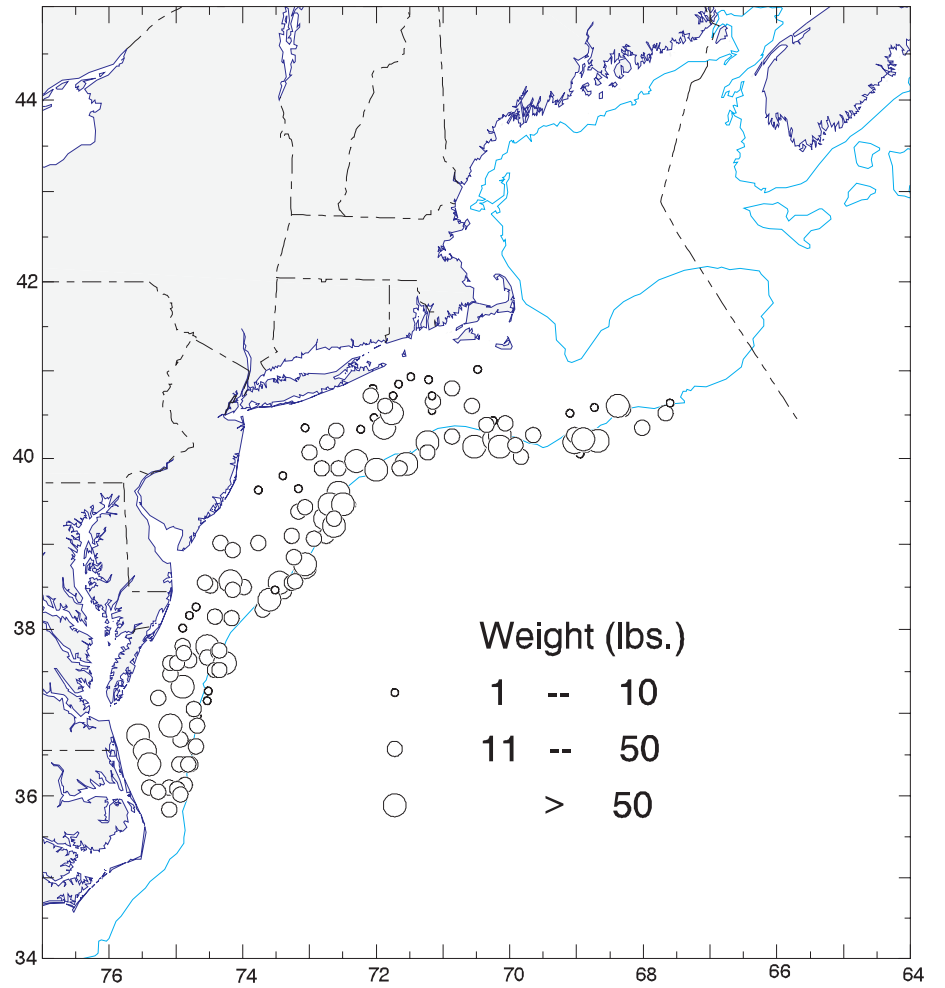
RED HAKE
NEFSC Bottom Trawl Survey
Feb 5 - Mar 2, 2002



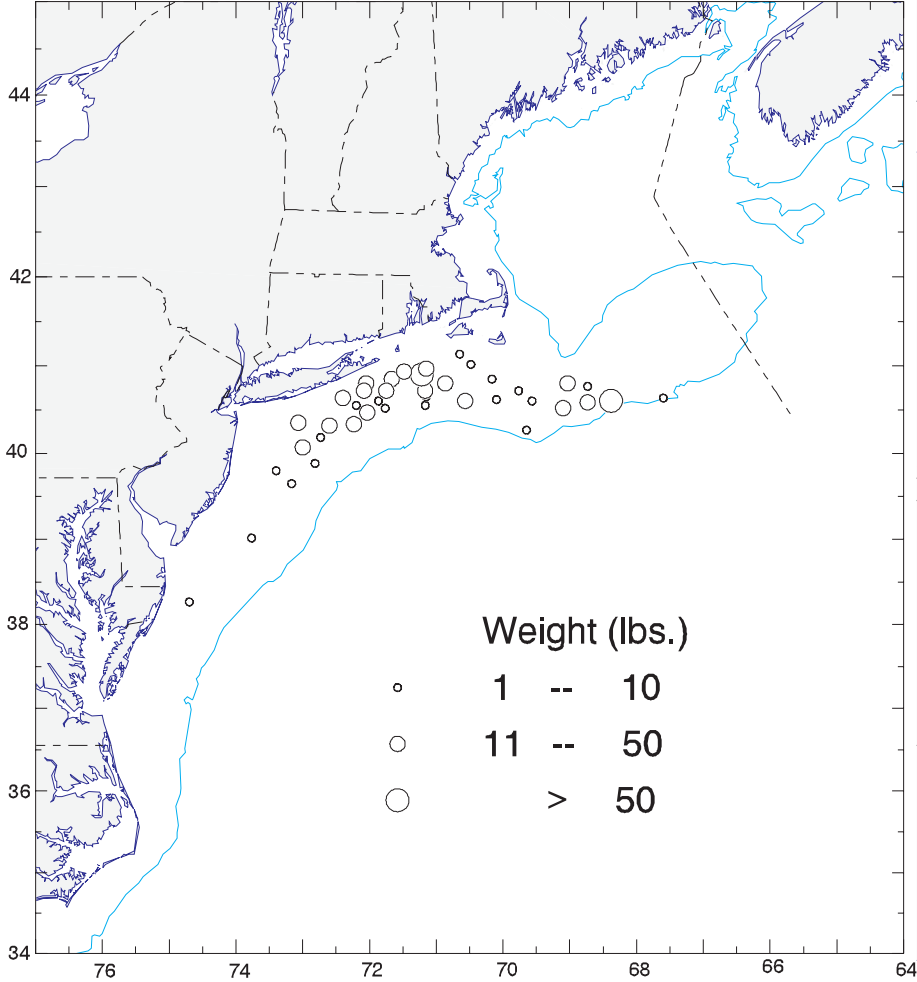
AMERICAN PLAICE
NEFSC Bottom Trawl Survey
Feb 5 - Mar 2, 2002



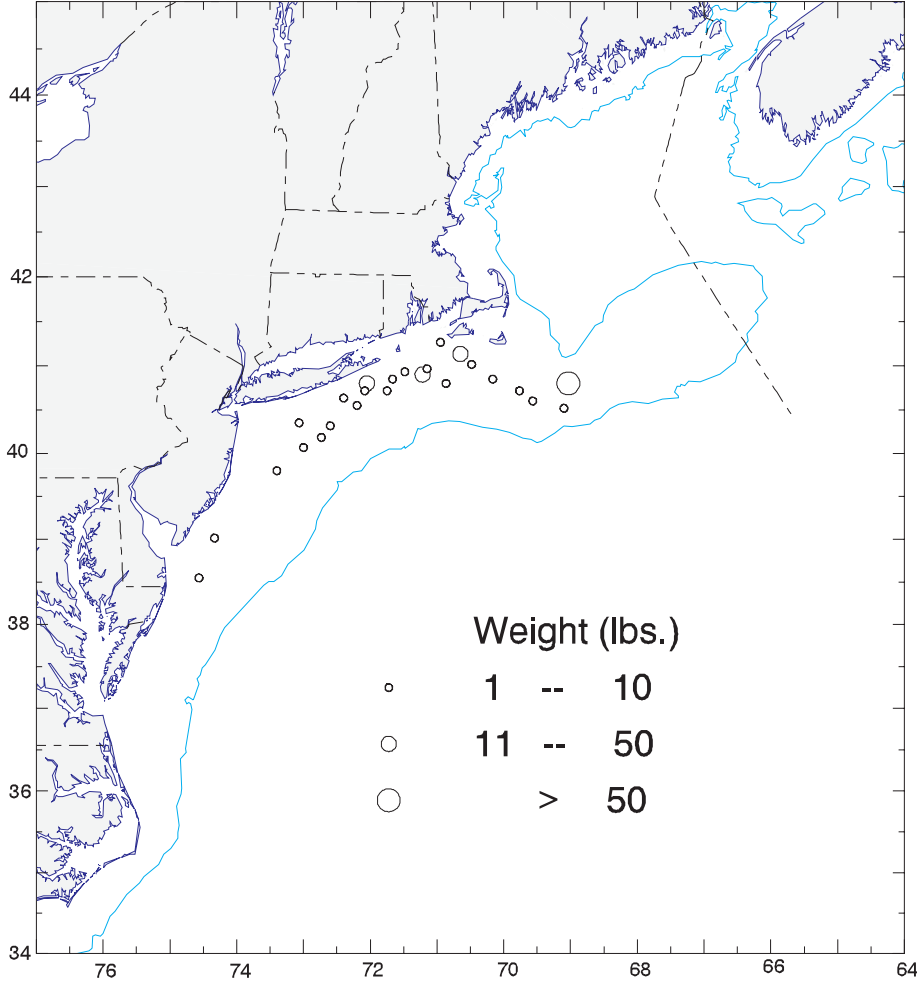
SUMMER FLOUNDER
NEFSC Bottom Trawl Survey
Feb 5 - Mar 2, 2002



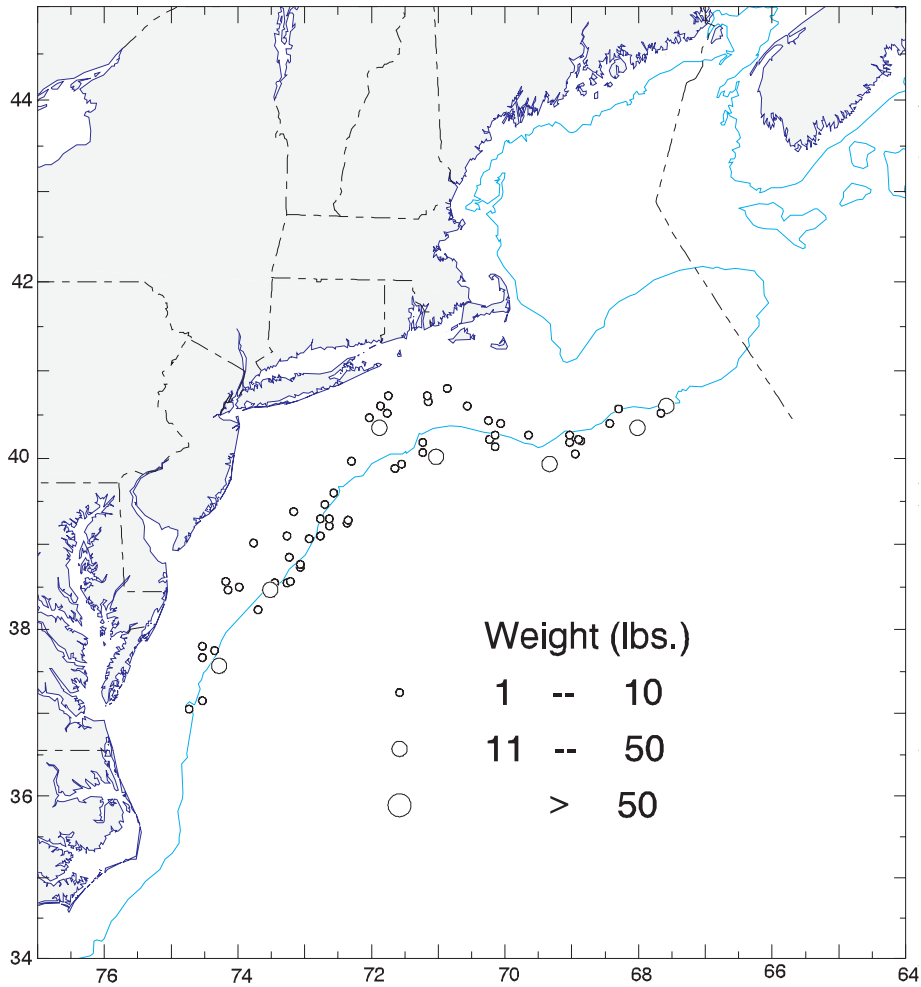
YELLOWTAIL FLOUNDER
NEFSC Bottom Trawl Survey
Feb 5 - Mar 2, 2002



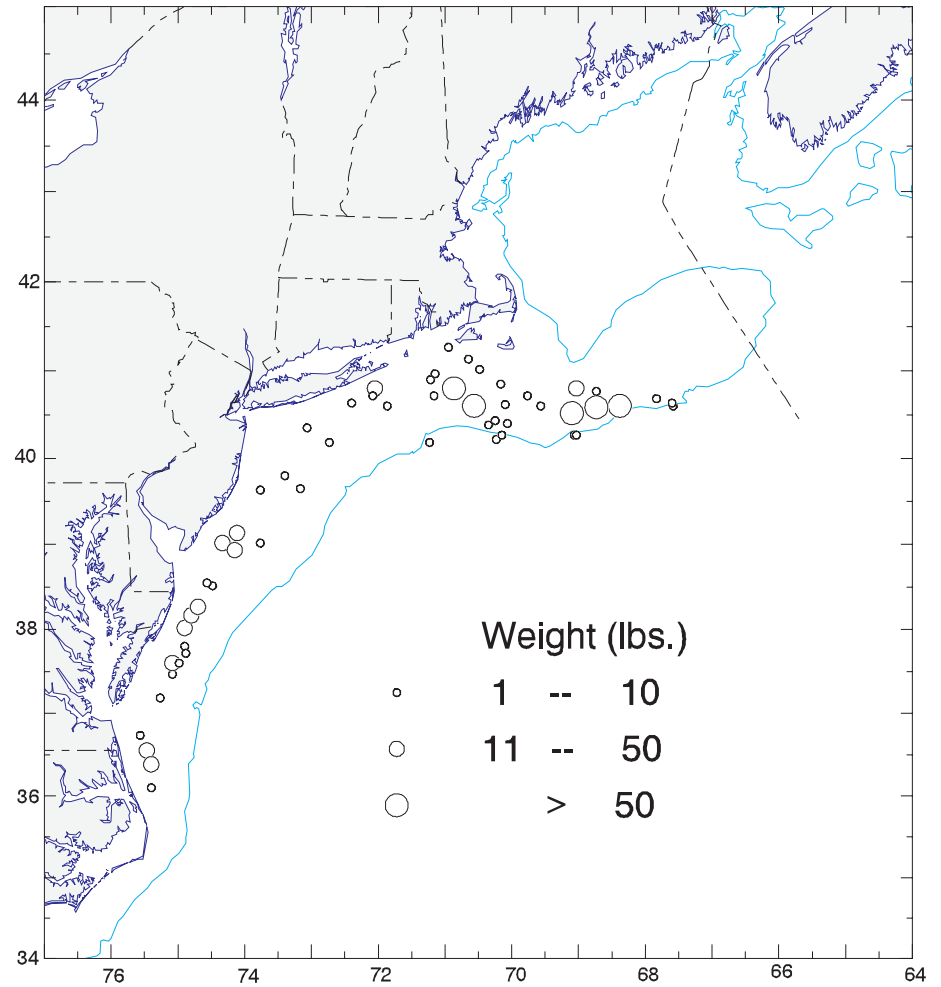
WINTER FLOUNDER
NEFSC Bottom Trawl Survey
Feb 5 - Mar 2, 2002



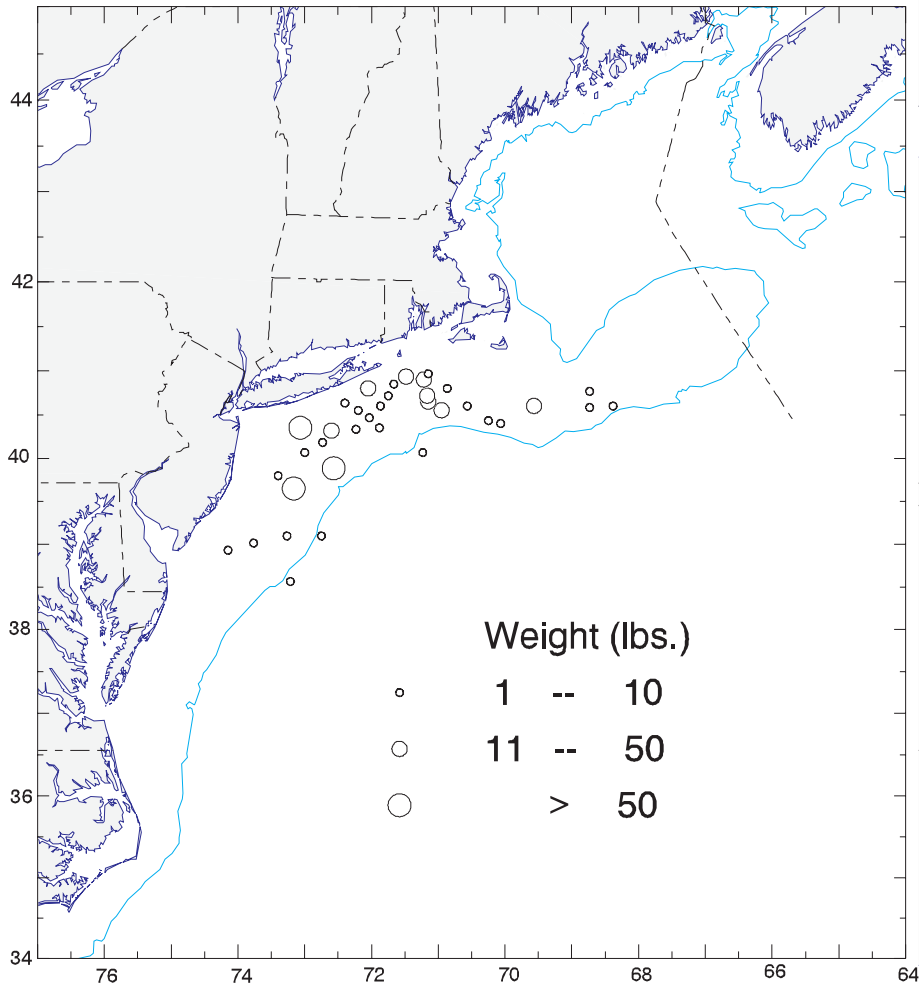
WITCH FLOUNDER
NEFSC Bottom Trawl Survey
Feb 5 - Mar 2, 2002



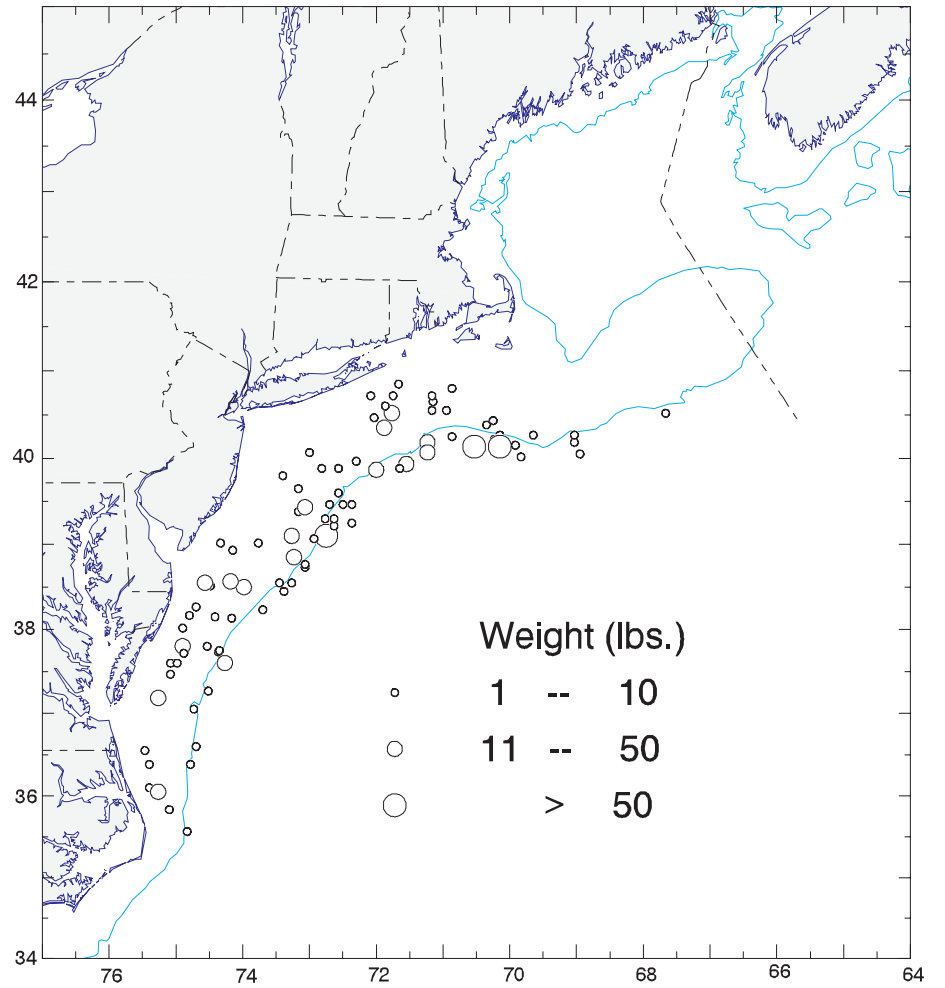
WINDOWPANE FLOUNDER
NEFSC Bottom Trawl Survey
Feb 5 - Mar 2, 2002



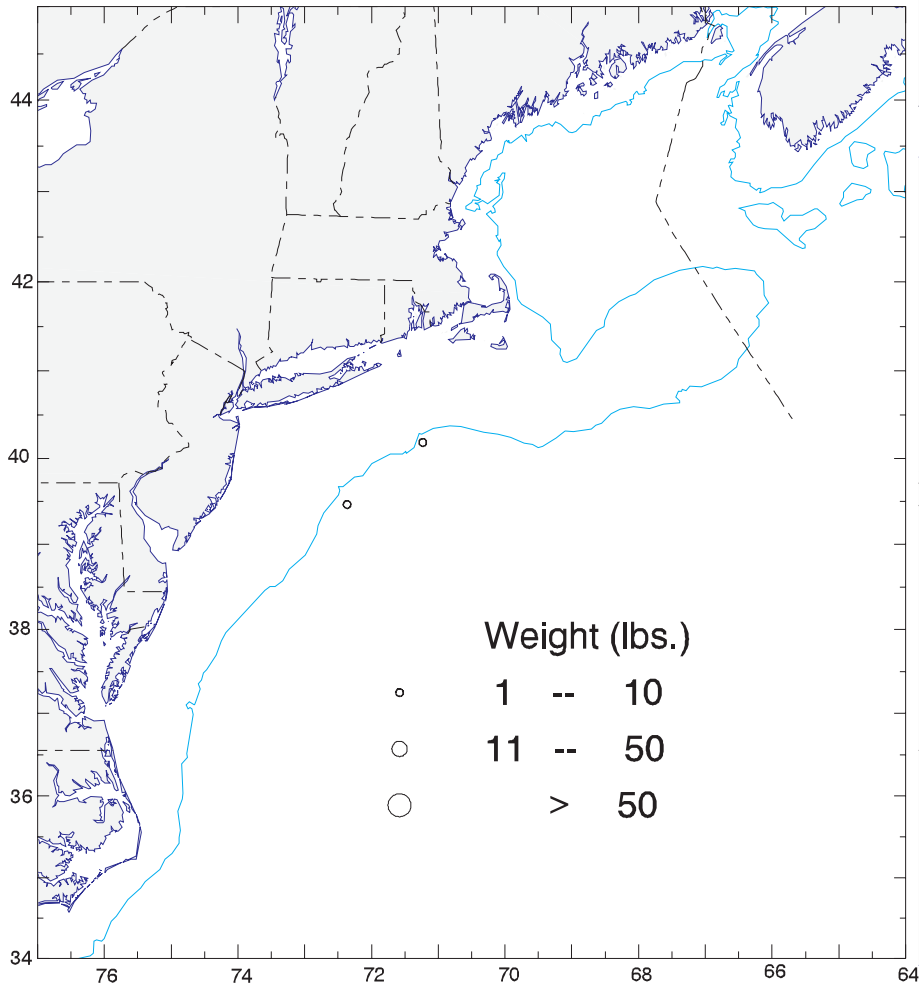
ATLANTIC MACKEREL
NEFSC Bottom Trawl Survey
Feb 5 - Mar 2, 2002



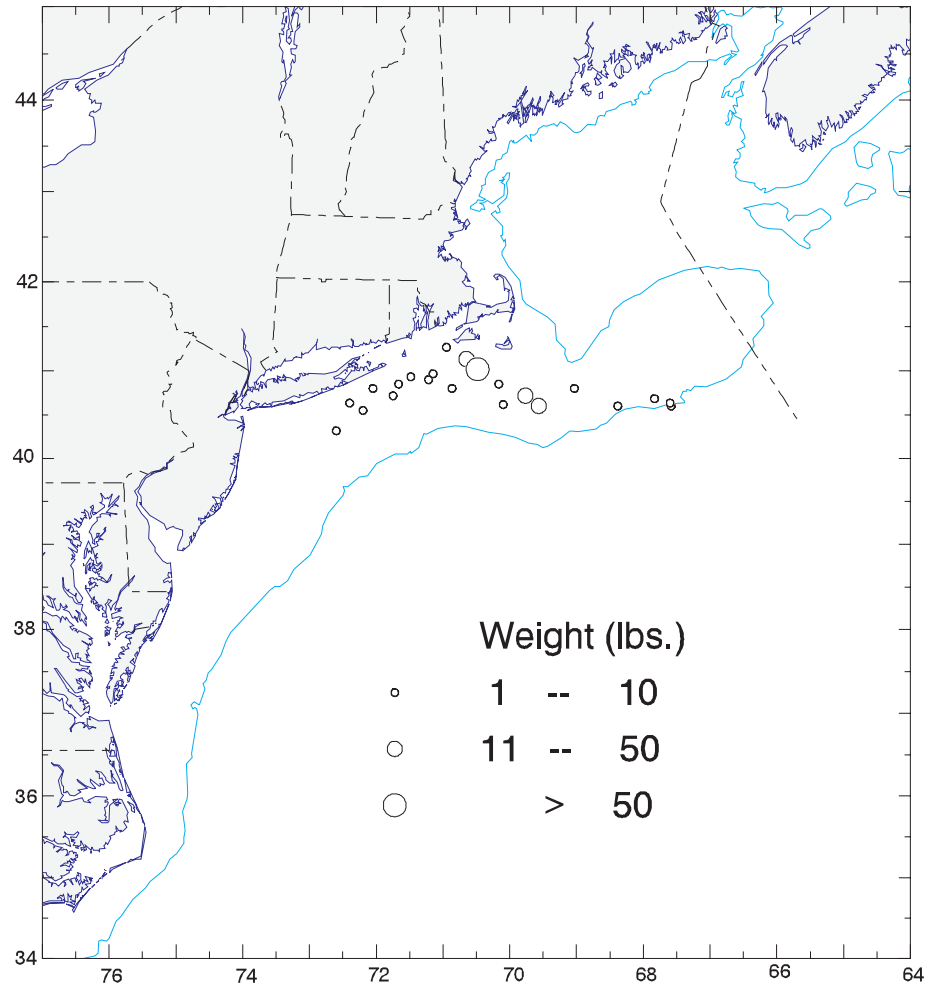
BUTTERFISH
NEFSC Bottom Trawl Survey
Feb 5 - Mar 2, 2002



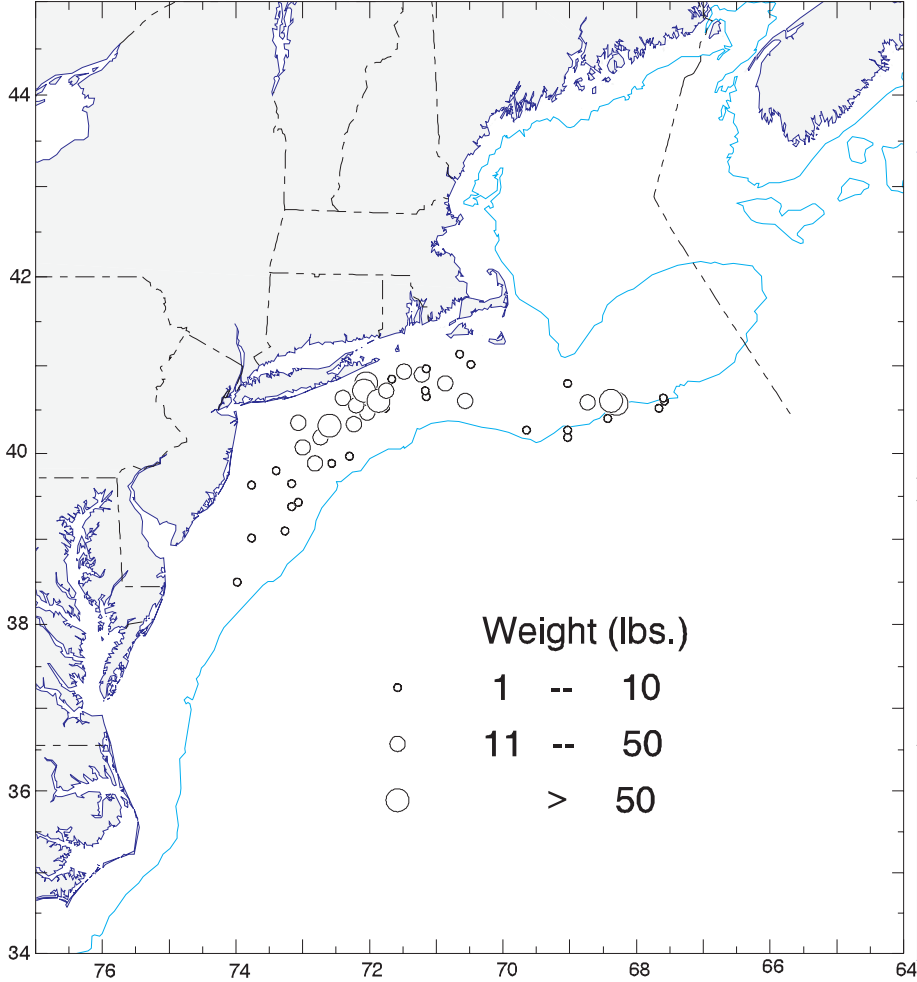
ACADIAN REDFISH
 NEFSC Bottom Trawl Survey
 Feb 5 - Mar 2, 2002



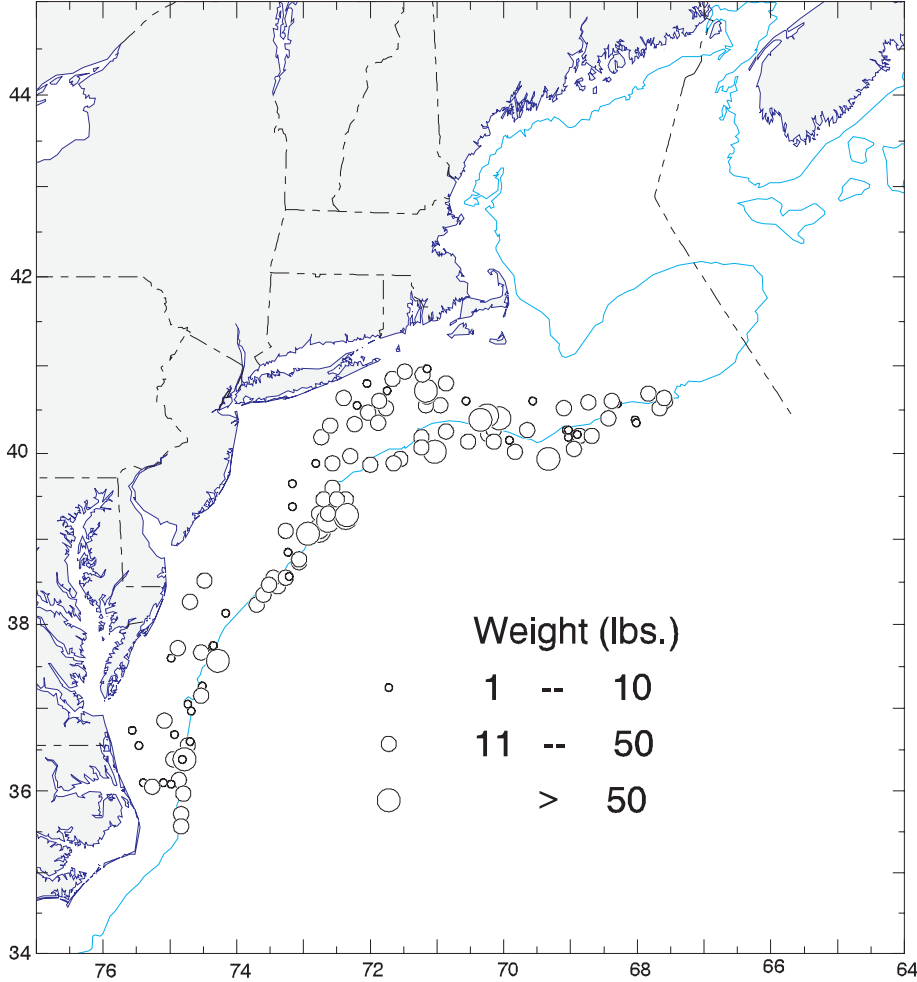
LONGHORN SCULPIN
 NEFSC Bottom Trawl Survey
 Feb 5 - Mar 2, 2002



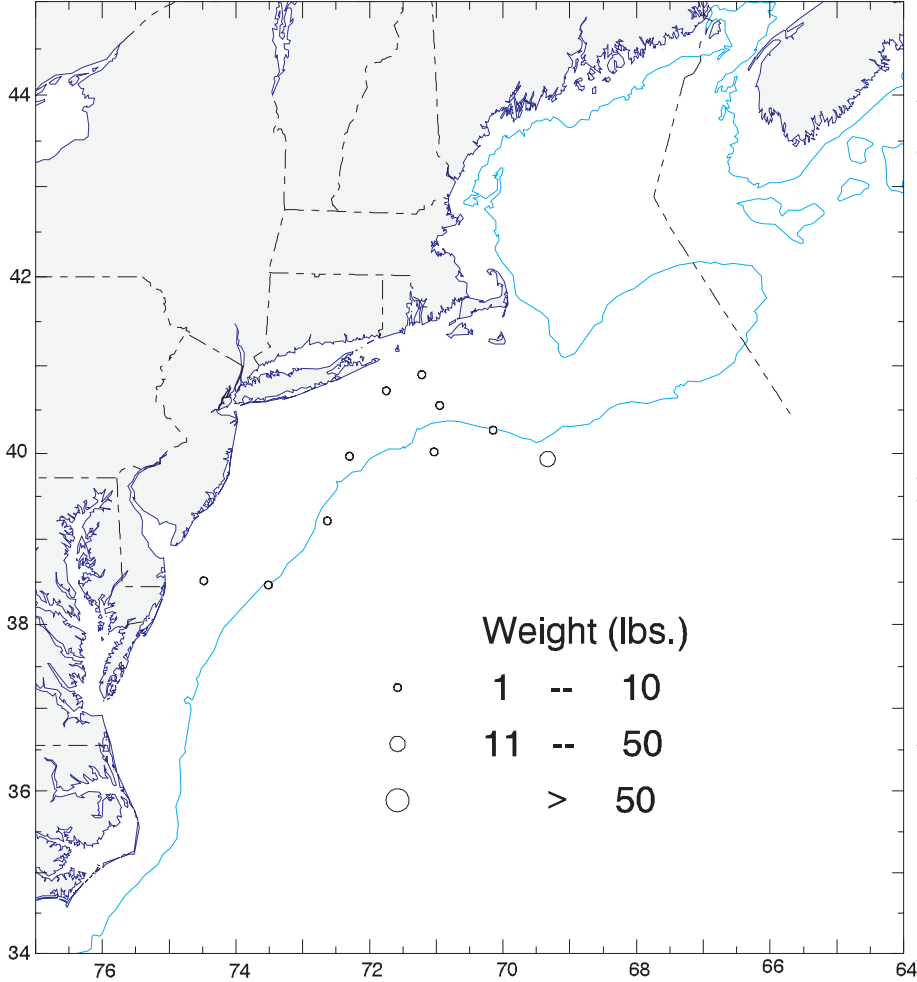
OCEAN POUT
NEFSC Bottom Trawl Survey
Feb 5 - Mar 2, 2002



GOOSEFISH
NEFSC Bottom Trawl Survey
Feb 5 - Mar 2, 2002



AMERICAN LOBSTER
NEFSC Bottom Trawl Survey
Feb 5 - Mar 2, 2002



LONGFIN SQUID
NEFSC Bottom Trawl Survey
Feb 5 - Mar 2, 2002

