

Resource Survey Report

2023 Fall Resource Survey Report

Bottom Trawl Survey

Cape Hatteras - Gulf of Maine

10 September - 16 November 2023

NOAA Ship Henry B. Bigelow (FSV 225)

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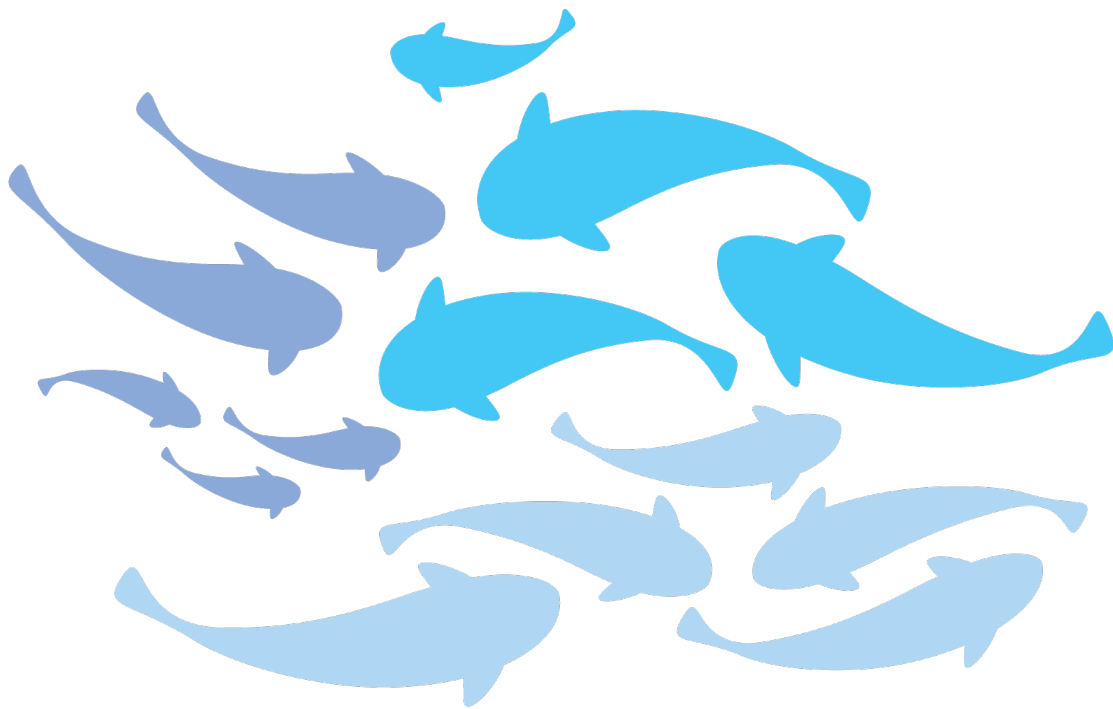
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Significant Changes to the NEFSC Multispecies Bottom Trawl Survey

Significant changes in survey methodology were implemented, beginning with the 2009 Spring Multispecies Bottom Trawl Survey, which have significant implications for the use of these data. Prior to 2009, multispecies bottom trawl surveys were conducted on the NOAA ship *Albatross IV*. In 2009, the survey was conducted on the NOAA Ship Henry B. Bigelow, which is equipped with an autotrawl winch system that equalizes port and starboard warp tensions throughout the duration of survey tows.

The survey bottom trawl sampling gear was also changed. Prior to 2009, the survey was conducted with a standardized Yankee 36 bottom trawl and 450kg Euronet, polyvalent trawl doors. Beginning in 2009, the trawl is conducted using a standardized 400 x 12cm, 4-seam bottom trawl and 2.2m², 550kg, Poly-Ice oval trawl doors. The survey bottom trawl gear was designed and tested in collaboration between the NEFSC and regional fishing industry, fishery managers and academic stakeholders through the mid-Atlantic and New England Trawl Advisory Panel.

The standard survey towing speed was decreased from 3.8kn to 3.0kn, speed measured over ground, beginning in 2009. This towing speed was selected after extensive towing speed and warp to depth ratio trials conducted on the NOAA Ship Henry B. Bigelow. The standard tow duration was also changed from 30 minutes (timed from winch lock to winch reengage) to 20 minutes of actual time on-bottom (measured in real-time by acoustic trawl mensuration equipment). The decrease of both the towing speed and duration resulted in a decrease of average tow distance from 1.9nm to 1.0nm.

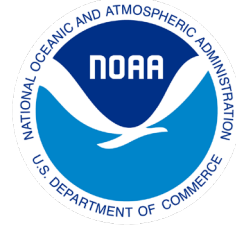
Station allocation also change significantly due to an increase of available vessel time from 48 to 60 sea days and a reduction in inshore sampling by the NOAA Ship Henry B. Bigelow. As a result, station density was increased in offshore strata. Inshore areas of the mid-Atlantic will continue to be sampled by the Northeast Area Monitoring and Assessment Program (NEAMAP) Southern New England/Mid-Atlantic Near Shore Trawl Survey.

In 2008 the NEFSC conducted an extensive study to estimate the relative catchability of the NOAA Ship *Albatross IV*, sampling with the standard Yankee 36 survey bottom trawl following historical protocols, and the NOAA Ship Henry B. Bigelow, sampling with the standard 400 x 12cm, 4-seam survey bottom trawl following revised protocols. Results of this study were peer-reviewed in August 2009 and can be found in the NEFSC reference document 10-05: [Estimation of Albatross IV to Henry B. Bigelow Calibration Factors](#).

RESOURCE SURVEY REPORT

NOAA Fisheries
Northeast Fisheries Science Center

Fall Multispecies Bottom Trawl Survey
Cape Hatteras - Gulf of Maine
10 September - 16 November 2023



NOAA FISHERIES

Catch Summary

The Northeast Fisheries Science Center has completed the 2023 autumn multispecies bottom trawl survey aboard NOAA Ship *Henry B. Bigelow*. 335 of 377 planned trawl stations were completed this season from September 10 – November 16, 2023. Vertical CTD profiles were collected at all trawl stations. Plankton were also sampled a subset of stations, with 107 bongo samples taken of 116 planned.

This long-running, fishery-independent, bottom trawl survey monitors fishery abundance and distribution of the Northwest Atlantic continental shelf from Cape Lookout, NC to the Scotian Shelf. Data collected include fish age, length, weight, sex, maturity and food habits information which are critical inputs to regional fish stock assessments helping to inform fishery management decisions by the New England and Mid-Atlantic Fishery Management Councils as well as Atlantic States Marine Fisheries Commission.

Attached are station and catch summaries and a series of geographical plots of commercially and recreationally important species caught during the Northeast Fisheries Science Center's (NEFSC) 2023 fall bottom trawl survey aboard the NOAA Ship *Henry B. Bigelow*. Details regarding NEFSC bottom trawl survey standard operating procedures can be found in the NEFSC reference document 14-06: [NEFSC Bottom Trawl Survey Protocols for the NOAA Ship Henry B. Bigelow](#).

For further information, contact:

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- Resource Survey Reports
- Bottom Trawl Survey (BTS) RSRs
- Year of interest

To access these data, visit the [NOAA Fisheries InPort System Data Management Platform](#).

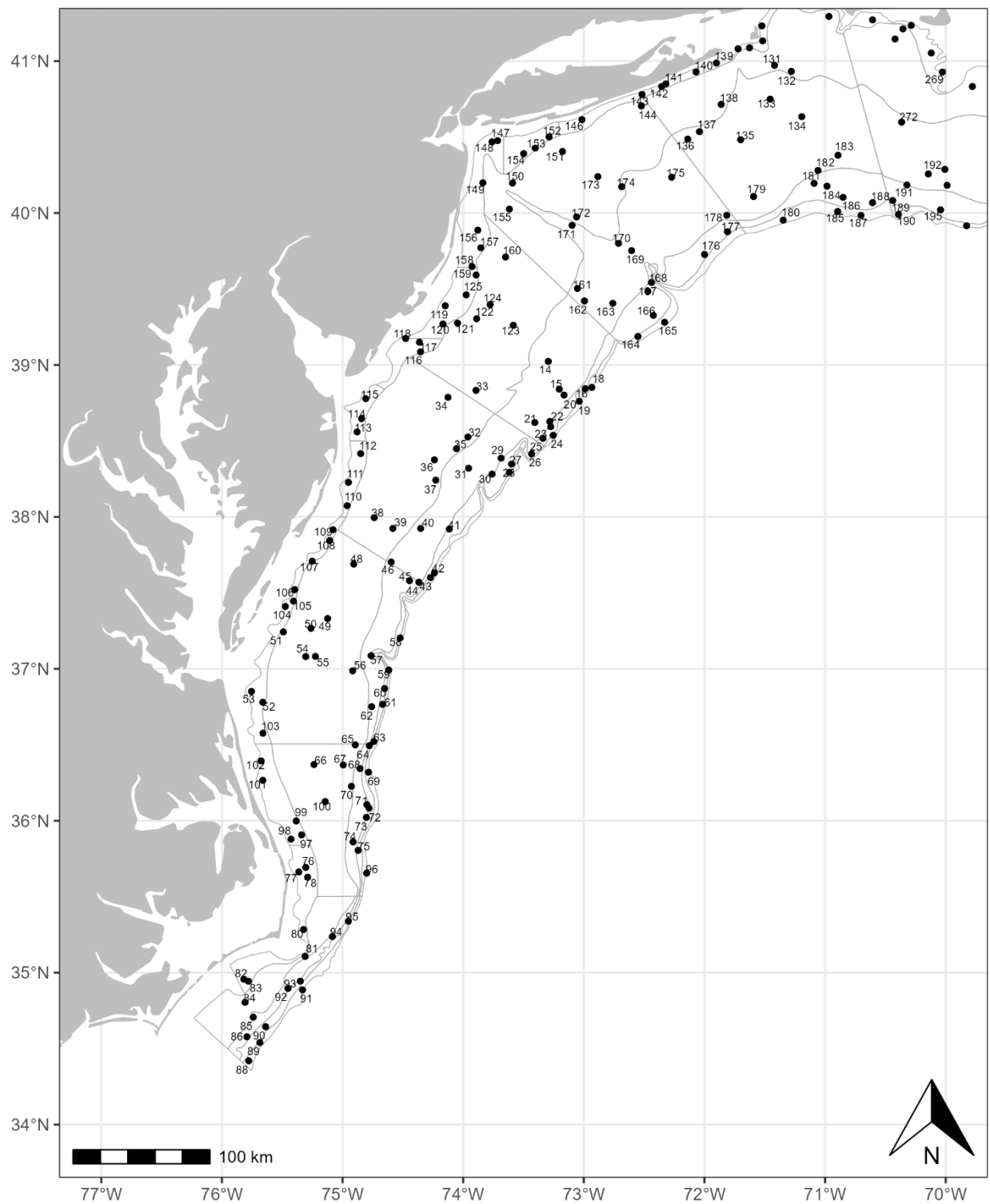


Figure 1: Representative trawl hauls made from NOAA Ship Henry B. Bigelow during the Northeast Fisheries Science Center's Fall Bottom Trawl Survey, September 10, 2023 - November 16, 2023.

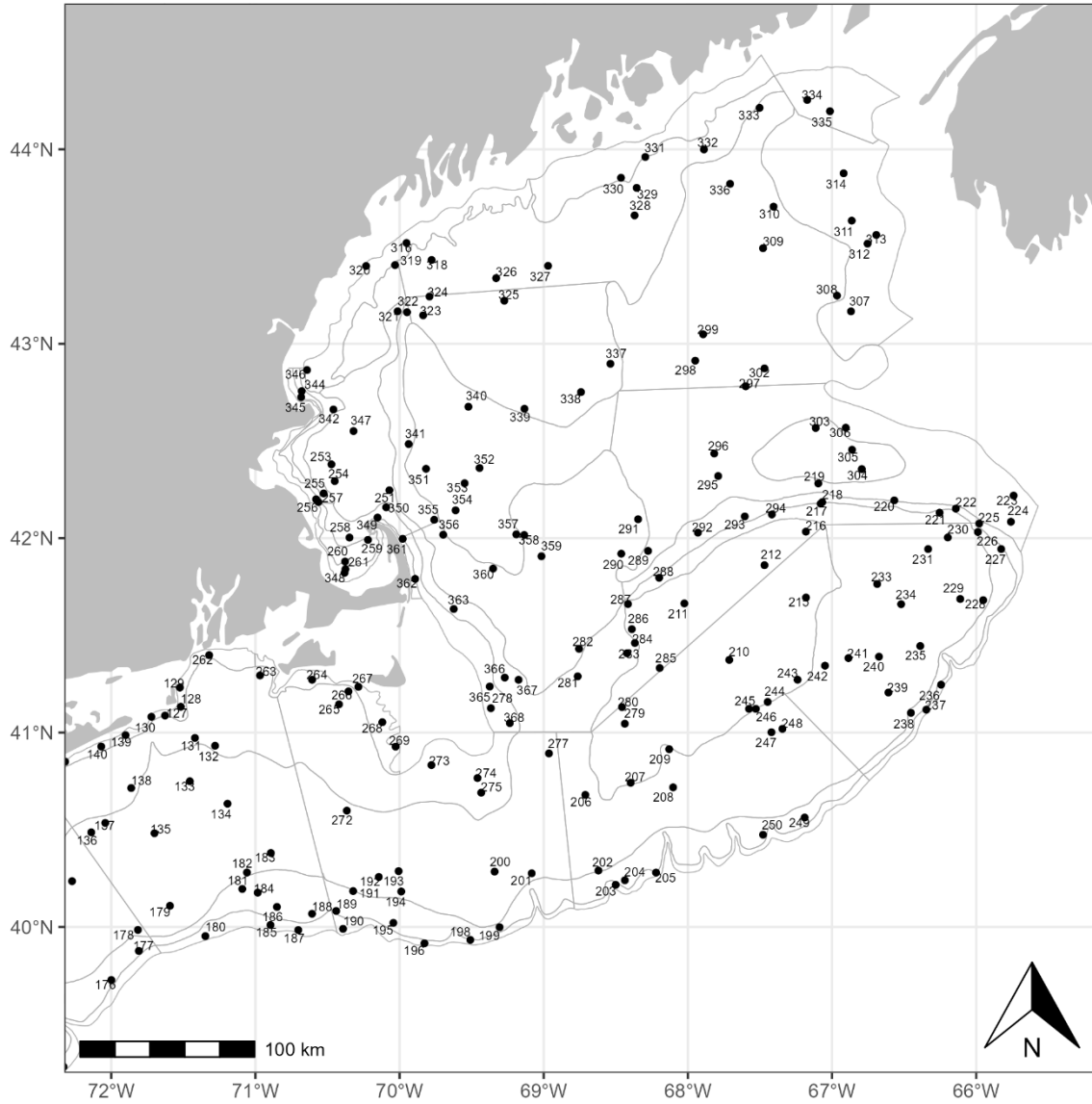


Figure 2: Representative trawl hauls made from NOAA Ship Henry B. Bigelow during the Northeast Fisheries Science Center’s Fall Bottom Trawl Survey, September 10, 2023 - November 16, 2023.

Table 1. Station report of valid hauls from the Northeast Fisheries Science Center's Fall Bottom Trawl Survey, September 10, 2023 - November 16, 2023.

Station	Date	Time	Begin Longitude	Begin Latitude	End Longitude	End Latitude	Mean Depth	Tow Duration	Tow Distance (nm)
14	10-Sep-2023	11:38:02	-73.29433	39.02350	-73.27733	39.01300	70	20.00	1.014
15	10-Sep-2023	13:33:26	-73.20333	38.84050	-73.18617	38.83150	81	20.03	0.969
16	10-Sep-2023	16:02:02	-72.98817	38.84417	-72.97500	38.85700	118	19.98	0.986
18	10-Sep-2023	21:19:35	-72.93367	38.85233	-72.92100	38.86583	190	20.04	1.004
19	11-Sep-2023	05:21:00	-73.03783	38.76100	-73.04183	38.74467	227	19.98	0.997
20	11-Sep-2023	07:48:45	-73.16383	38.80183	-73.15800	38.78550	84	20.17	1.017
21	11-Sep-2023	10:15:34	-73.40650	38.62117	-73.40033	38.60517	82	20.27	1.002
22	11-Sep-2023	12:02:00	-73.28150	38.62783	-73.26383	38.61833	108	20.43	1.007
23	11-Sep-2023	13:21:51	-73.27400	38.59350	-73.28600	38.57983	122	20.03	0.995
24	11-Sep-2023	15:26:29	-73.25350	38.53717	-73.26633	38.52417	228	20.05	0.986
25	11-Sep-2023	17:22:35	-73.33867	38.51733	-73.35167	38.50467	119	20.00	0.975
26	11-Sep-2023	19:06:55	-73.43300	38.41467	-73.44650	38.40233	115	20.04	0.976
27	11-Sep-2023	21:11:04	-73.59883	38.34733	-73.60817	38.33217	140	20.18	1.010
28	11-Sep-2023	22:47:10	-73.61800	38.29333	-73.63083	38.28017	200	20.06	0.995
29	12-Sep-2023	01:07:44	-73.68600	38.38667	-73.67150	38.39833	107	20.06	0.978
30	12-Sep-2023	03:21:17	-73.76017	38.28150	-73.77517	38.29267	112	20.01	0.975
31	12-Sep-2023	05:14:58	-73.95500	38.32033	-73.97600	38.32367	66	20.04	1.012
32	12-Sep-2023	07:44:47	-73.96100	38.52583	-73.94583	38.51383	54	20.02	1.014
33	12-Sep-2023	11:02:23	-73.89400	38.83267	-73.88383	38.81817	44	20.25	0.991
34	12-Sep-2023	13:15:29	-74.12567	38.78700	-74.13717	38.77333	47	20.06	0.981
35	12-Sep-2023	16:45:58	-74.05550	38.44933	-74.06583	38.43500	59	20.06	0.988

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Station	Date	Time	Begin Longitude	Begin Latitude	End Longitude	End Latitude	Mean Depth	Tow Duration	Tow Distance (nm)
36	12-Sep-2023	18:43:40	-74.23833	38.37550	-74.25850	38.36967	55	20.12	1.014
37	12-Sep-2023	20:26:35	-74.22717	38.24200	-74.22850	38.22467	54	20.05	1.041
38	12-Sep-2023	23:56:16	-74.73750	37.99500	-74.75200	37.98350	35	20.01	0.974
39	13-Sep-2023	01:52:17	-74.58300	37.92417	-74.56233	37.92367	48	19.97	0.982
40	13-Sep-2023	04:00:48	-74.35250	37.92400	-74.33317	37.91783	67	19.96	0.989
41	13-Sep-2023	06:08:54	-74.11483	37.92017	-74.11433	37.90317	121	20.10	1.019
42	13-Sep-2023	09:52:00	-74.23833	37.63200	-74.25000	37.61817	280	20.07	0.998
43	13-Sep-2023	11:27:34	-74.27117	37.60083	-74.28400	37.58683	231	20.50	1.038
44	13-Sep-2023	13:01:07	-74.36700	37.57000	-74.37967	37.55700	102	20.11	0.986
45	13-Sep-2023	14:38:09	-74.44517	37.58017	-74.43733	37.56500	81	20.00	0.983
46	13-Sep-2023	17:05:15	-74.59683	37.70300	-74.58000	37.69400	60	20.04	0.966
48	13-Sep-2023	20:50:10	-74.90717	37.68933	-74.92567	37.68117	29	20.03	1.008
49	13-Sep-2023	23:50:59	-75.12350	37.33117	-75.10600	37.32283	28	20.01	0.975
50	14-Sep-2023	01:48:05	-75.26183	37.26667	-75.27467	37.25367	30	20.01	0.992
51	14-Sep-2023	03:46:55	-75.49067	37.24300	-75.50417	37.23000	23	20.05	1.013
52	14-Sep-2023	07:57:51	-75.66117	36.78017	-75.65233	36.79467	22	20.03	0.968
53	16-Sep-2023	13:55:30	-75.75483	36.85100	-75.73533	36.84550	18	20.01	0.995
54	16-Sep-2023	17:24:19	-75.30500	37.08067	-75.28750	37.08917	33	20.18	0.982
55	16-Sep-2023	18:55:20	-75.22500	37.08183	-75.20517	37.08617	34	20.10	0.987
56	16-Sep-2023	21:17:18	-74.91650	36.98650	-74.89717	36.97917	48	20.06	1.028
57	16-Sep-2023	23:28:42	-74.76333	37.08650	-74.75800	37.10250	122	20.02	0.992

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Station	Date	Time	Begin Longitude	Begin Latitude	End Longitude	End Latitude	Mean Depth	Tow Duration	Tow Distance (nm)
58	17-Sep-2023	02:14:36	-74.52217	37.20367	-74.51750	37.21967	240	19.98	0.985
59	17-Sep-2023	06:07:22	-74.61717	36.99183	-74.61433	37.00800	309	20.11	0.978
60	17-Sep-2023	08:37:58	-74.65167	36.87033	-74.64600	36.88633	126	20.16	0.997
61	17-Sep-2023	10:28:44	-74.66883	36.76617	-74.67217	36.74983	117	20.02	0.992
62	17-Sep-2023	12:41:22	-74.75883	36.75117	-74.75783	36.73433	73	20.13	1.010
63	17-Sep-2023	15:12:16	-74.74100	36.52183	-74.73583	36.50600	203	20.11	0.981
64	17-Sep-2023	17:00:08	-74.77767	36.49467	-74.78650	36.47950	91	20.06	1.004
65	17-Sep-2023	18:38:30	-74.89467	36.49967	-74.91550	36.49700	34	20.17	1.020
66	17-Sep-2023	21:29:25	-75.23667	36.37017	-75.22683	36.35550	32	20.17	1.000
67	17-Sep-2023	23:22:37	-74.99400	36.36717	-74.97500	36.36150	42	20.01	0.981
68	18-Sep-2023	01:01:07	-74.85550	36.34383	-74.85733	36.32733	75	20.03	0.993
69	18-Sep-2023	03:08:46	-74.78483	36.31950	-74.78350	36.30383	188	20.00	0.941
70	18-Sep-2023	05:40:11	-74.92667	36.22683	-74.92167	36.21183	51	19.95	0.931
71	18-Sep-2023	07:58:41	-74.79817	36.10583	-74.79833	36.08883	153	19.98	1.019
72	18-Sep-2023	10:30:48	-74.77983	36.08250	-74.77767	36.06600	282	19.97	0.994
73	18-Sep-2023	12:10:19	-74.80233	36.02233	-74.80400	36.00617	165	19.98	0.972
74	18-Sep-2023	14:29:43	-74.91267	35.86083	-74.89450	35.85350	82	20.01	0.989
75	18-Sep-2023	15:57:42	-74.87083	35.80500	-74.86600	35.78883	158	20.01	0.997
76	18-Sep-2023	18:50:09	-75.30483	35.69300	-75.32567	35.69267	23	20.01	1.018
77	18-Sep-2023	20:02:54	-75.36283	35.66317	-75.38333	35.66750	25	20.04	1.035
78	18-Sep-2023	21:40:49	-75.28950	35.62850	-75.30933	35.63383	24	20.03	1.021

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Station	Date	Time	Begin Longitude	Begin Latitude	End Longitude	End Latitude	Mean Depth	Tow Duration	Tow Distance (nm)
80	19-Sep-2023	01:16:34	-75.32333	35.28433	-75.33050	35.29933	23	20.00	0.965
81	19-Sep-2023	03:32:34	-75.31017	35.10717	-75.29400	35.11683	45	20.00	0.984
82	19-Sep-2023	07:22:53	-75.81817	34.95700	-75.79733	34.95417	24	19.99	1.041
83	19-Sep-2023	08:32:47	-75.78000	34.94383	-75.76000	34.94217	26	20.00	0.992
84	19-Sep-2023	10:12:48	-75.80817	34.80517	-75.81400	34.78950	33	20.17	0.982
85	19-Sep-2023	11:44:45	-75.74017	34.70767	-75.75267	34.69483	46	20.07	0.987
86	19-Sep-2023	13:28:23	-75.79267	34.57850	-75.80650	34.56617	63	20.02	1.008
88	19-Sep-2023	17:33:25	-75.77717	34.42033	-75.78883	34.40717	287	20.03	0.978
89	19-Sep-2023	20:06:21	-75.68550	34.54033	-75.69600	34.52617	271	20.16	0.995
90	19-Sep-2023	22:21:46	-75.63717	34.64450	-75.64733	34.63050	171	20.01	0.978
91	20-Sep-2023	02:08:03	-75.33183	34.88683	-75.34483	34.87400	371	20.05	1.001
92	20-Sep-2023	04:50:16	-75.45217	34.89650	-75.46700	34.88533	97	19.97	0.992
93	20-Sep-2023	07:27:18	-75.35017	34.94417	-75.36367	34.93200	145	19.97	0.987
94	20-Sep-2023	10:22:41	-75.08417	35.23800	-75.09733	35.22483	86	19.97	1.020
95	20-Sep-2023	12:50:21	-74.95183	35.33883	-74.96400	35.32567	115	20.02	0.989
96	20-Sep-2023	17:03:28	-74.80000	35.65517	-74.80067	35.63950	191	19.93	0.939
97	20-Sep-2023	21:08:20	-75.33933	35.90717	-75.34433	35.89067	26	20.07	1.018
98	20-Sep-2023	22:37:48	-75.42750	35.87917	-75.43633	35.89367	26	20.02	0.970
99	21-Sep-2023	00:21:27	-75.38383	35.99850	-75.38633	36.01483	24	20.00	0.986
100	21-Sep-2023	02:49:06	-75.14350	36.12617	-75.12900	36.13717	36	20.01	0.965
101	21-Sep-2023	06:39:02	-75.66100	36.26617	-75.65967	36.28217	23	20.01	0.961

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102	21-Sep-2023	08:06:06	-75.67467	36.39367	-75.67750	36.41000	22	20.03	0.988
103	21-Sep-2023	09:49:08	-75.65983	36.57633	-75.64000	36.57983	23	19.94	0.981
104	21-Sep-2023	15:27:36	-75.47433	37.41050	-75.45867	37.39983	24	20.00	0.985
105	21-Sep-2023	16:57:35	-75.40700	37.44617	-75.39317	37.45833	25	20.00	0.984
106	21-Sep-2023	18:12:28	-75.39683	37.52100	-75.38350	37.53367	23	20.04	0.991
107	21-Sep-2023	20:18:07	-75.25133	37.70867	-75.23317	37.71700	24	20.05	0.999
108	21-Sep-2023	22:05:59	-75.10633	37.84467	-75.09100	37.85617	27	20.09	1.003
109	22-Sep-2023	00:06:18	-75.07917	37.91567	-75.06483	37.92750	23	20.05	0.983
110	22-Sep-2023	01:56:28	-74.96133	38.07367	-74.95483	38.08950	23	20.14	0.998
111	22-Sep-2023	03:51:05	-74.95083	38.22750	-74.93717	38.23967	23	20.00	0.974
112	22-Sep-2023	06:53:04	-74.85000	38.41683	-74.83367	38.42683	20	20.03	0.976
113	24-Sep-2023	12:41:42	-74.87883	38.55967	-74.87300	38.54400	22	20.02	0.978
114	24-Sep-2023	14:48:01	-74.84217	38.64683	-74.83967	38.63350	31	16.86	0.808
115	24-Sep-2023	17:05:26	-74.80783	38.77833	-74.81967	38.76483	18	19.98	0.981
116	24-Sep-2023	21:05:46	-74.35317	39.08650	-74.36767	39.07433	28	20.03	0.995
117	24-Sep-2023	23:28:02	-74.36300	39.14983	-74.38017	39.14067	23	20.05	0.972
118	25-Sep-2023	01:10:16	-74.47700	39.17417	-74.46100	39.16400	22	20.02	0.964
119	25-Sep-2023	04:26:57	-74.14850	39.38950	-74.15633	39.37400	22	20.02	0.998
120	25-Sep-2023	06:39:29	-74.16767	39.27017	-74.14850	39.27667	29	19.99	0.974
121	25-Sep-2023	08:05:27	-74.04700	39.27517	-74.02683	39.27967	28	19.99	0.978
122	25-Sep-2023	09:37:27	-73.88850	39.30417	-73.86817	39.30850	39	20.00	0.982

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123	25-Sep-2023	11:54:08	-73.58433	39.26133	-73.56500	39.26883	50	20.03	1.007
124	25-Sep-2023	14:03:38	-73.77667	39.39717	-73.80033	39.39967	37	20.06	1.111
125	25-Sep-2023	16:45:52	-73.97500	39.46133	-73.96183	39.47383	27	20.02	0.967
127	05-Oct-2023	16:44:19	-71.62700	41.08767	-71.60567	41.08300	38	19.95	1.008
128	05-Oct-2023	23:03:43	-71.51733	41.13300	-71.49667	41.13767	30	19.97	0.978
129	06-Oct-2023	00:50:51	-71.52400	41.23183	-71.51683	41.21650	40	19.94	0.975
130	06-Oct-2023	03:27:55	-71.72150	41.08117	-71.71683	41.06517	40	20.01	0.983
131	06-Oct-2023	06:38:47	-71.41933	40.97233	-71.39850	40.97000	46	20.04	0.957
132	06-Oct-2023	08:37:59	-71.27983	40.93217	-71.27533	40.91633	56	19.95	0.971
133	06-Oct-2023	13:04:25	-71.45500	40.74967	-71.44233	40.76317	65	20.01	0.994
134	06-Oct-2023	15:31:07	-71.19333	40.63417	-71.18883	40.61833	65	19.96	0.971
135	06-Oct-2023	19:06:51	-71.70000	40.48233	-71.70817	40.46683	75	20.24	1.002
136	06-Oct-2023	21:58:52	-72.13867	40.48683	-72.11683	40.48583	57	20.05	1.001
137	06-Oct-2023	23:29:59	-72.04150	40.53533	-72.02133	40.54100	59	19.97	0.983
138	07-Oct-2023	01:34:53	-71.86150	40.71483	-71.84050	40.71567	54	19.97	0.959
139	07-Oct-2023	04:22:05	-71.90083	40.98667	-71.88050	40.99183	23	20.00	0.974
140	07-Oct-2023	06:41:02	-72.06967	40.92850	-72.04750	40.92683	27	19.99	1.013
141	07-Oct-2023	08:47:56	-72.31983	40.85033	-72.29933	40.84850	25	20.00	0.940
142	07-Oct-2023	09:58:52	-72.35483	40.83267	-72.33383	40.83117	27	19.98	0.961
143	07-Oct-2023	12:00:53	-72.51717	40.78067	-72.49550	40.77867	28	20.03	0.995
144	07-Oct-2023	13:29:04	-72.52283	40.70467	-72.51567	40.68917	35	20.02	0.985

Table 1. Station report of valid hauls from the Northeast Fisheries Science Center's Fall Bottom Trawl Survey, September 10, 2023 - November 16, 2023.

Station	Date	Time	Begin Longitude	Begin Latitude	End Longitude	End Latitude	Mean Depth	Tow Duration	Tow Distance (nm)
146	07-Oct-2023	19:47:31	-73.01550	40.61483	-73.03667	40.61833	23	20.01	0.990
147	08-Oct-2023	01:09:05	-73.71483	40.47667	-73.73383	40.48283	26	19.96	0.945
148	08-Oct-2023	05:54:56	-73.76067	40.46850	-73.78150	40.47250	28	20.00	0.984
149	08-Oct-2023	08:52:40	-73.83683	40.19883	-73.85783	40.19583	25	20.03	0.982
150	08-Oct-2023	11:08:57	-73.59133	40.19733	-73.61267	40.19750	38	20.04	0.981
151	08-Oct-2023	14:22:55	-73.17667	40.40533	-73.19533	40.41333	35	19.95	0.981
152	08-Oct-2023	16:46:34	-73.28833	40.50100	-73.30917	40.49933	26	19.97	0.959
153	08-Oct-2023	18:22:15	-73.40317	40.42767	-73.42467	40.42817	26	20.02	0.986
154	08-Oct-2023	20:29:28	-73.49883	40.39083	-73.52083	40.39083	26	20.00	1.009
155	08-Oct-2023	23:26:04	-73.61700	40.02583	-73.63650	40.01850	33	19.96	1.001
156	09-Oct-2023	01:39:01	-73.87883	39.88717	-73.89933	39.88317	26	19.98	0.977
157	09-Oct-2023	03:37:35	-73.85367	39.77133	-73.87483	39.77083	27	20.07	0.980
158	09-Oct-2023	05:43:04	-73.92650	39.64767	-73.94783	39.64750	27	20.01	0.989
159	09-Oct-2023	07:34:39	-73.89283	39.59217	-73.91417	39.59183	27	20.01	0.990
160	09-Oct-2023	09:55:49	-73.64900	39.71033	-73.67033	39.71117	32	20.01	0.989
161	09-Oct-2023	13:53:41	-73.05300	39.50317	-73.05717	39.48700	69	20.00	0.988
162	09-Oct-2023	15:19:15	-72.99450	39.42133	-73.00767	39.40833	66	20.00	0.991
163	09-Oct-2023	17:26:59	-72.75983	39.40567	-72.77617	39.39483	79	20.09	0.999
164	09-Oct-2023	20:28:15	-72.55117	39.18750	-72.56800	39.17817	213	20.01	0.964
165	09-Oct-2023	23:45:46	-72.33050	39.28117	-72.34633	39.26933	259	20.30	1.023
166	10-Oct-2023	02:07:52	-72.42383	39.32650	-72.43750	39.31383	144	20.13	0.991

Table 1. Station report of valid hauls from the Northeast Fisheries Science Center's Fall Bottom Trawl Survey, September 10, 2023 - November 16, 2023.

Station	Date	Time	Begin Longitude	Begin Latitude	End Longitude	End Latitude	Mean Depth	Tow Duration	Tow Distance (nm)
167	10-Oct-2023	04:45:04	-72.46900	39.48417	-72.48317	39.47183	118	20.00	0.990
168	10-Oct-2023	07:39:39	-72.43933	39.54300	-72.42783	39.52900	190	19.99	0.995
169	10-Oct-2023	11:30:05	-72.60400	39.75267	-72.61700	39.73933	74	20.15	1.000
170	10-Oct-2023	13:30:12	-72.71233	39.80033	-72.73117	39.79183	56	20.00	1.009
171	10-Oct-2023	16:47:11	-73.09733	39.91917	-73.10083	39.90317	69	20.10	0.973
172	10-Oct-2023	18:38:09	-73.06017	39.97417	-73.06833	39.95900	51	20.04	0.984
173	10-Oct-2023	21:32:44	-72.88367	40.23967	-72.90133	40.22983	48	20.02	1.003
174	10-Oct-2023	23:34:25	-72.68583	40.17300	-72.69350	40.15733	57	19.99	1.003
175	11-Oct-2023	02:29:18	-72.27200	40.23567	-72.28350	40.22167	63	20.03	0.992
176	11-Oct-2023	07:07:34	-71.99967	39.72733	-71.99083	39.74233	160	20.02	0.988
177	11-Oct-2023	09:26:12	-71.80883	39.87683	-71.82633	39.86650	160	19.95	1.018
178	11-Oct-2023	11:28:00	-71.81517	39.98500	-71.83233	39.99550	95	20.02	1.011
179	11-Oct-2023	14:01:20	-71.59283	40.10883	-71.61283	40.11500	85	20.01	0.992
180	11-Oct-2023	17:34:22	-71.34717	39.95317	-71.32867	39.96100	278	19.99	0.974
181	11-Oct-2023	20:32:43	-71.09117	40.19567	-71.07083	40.20117	127	20.01	0.991
182	11-Oct-2023	22:07:05	-71.05867	40.28050	-71.04100	40.29033	103	20.03	1.003
183	12-Oct-2023	00:07:57	-70.89283	40.38050	-70.88400	40.39533	89	19.82	0.977
184	12-Oct-2023	02:30:16	-70.98400	40.17667	-70.99017	40.16067	139	20.02	1.000
185	12-Oct-2023	05:14:19	-70.89550	40.01033	-70.87433	40.01083	271	20.05	0.976
186	12-Oct-2023	07:33:23	-70.85050	40.10317	-70.83300	40.09317	144	19.96	1.004
187	12-Oct-2023	10:16:57	-70.70267	39.98433	-70.68200	39.98000	302	20.05	0.988

Table 1. Station report of valid hauls from the Northeast Fisheries Science Center's Fall Bottom Trawl Survey, September 10, 2023 - November 16, 2023.

Station	Date	Time	Begin Longitude	Begin Latitude	End Longitude	End Latitude	Mean Depth	Tow Duration	Tow Distance (nm)
188	12-Oct-2023	12:14:57	-70.60700	40.06817	-70.58517	40.06767	127	20.11	1.006
189	12-Oct-2023	14:05:58	-70.43950	40.08250	-70.41817	40.08050	166	20.05	0.990
190	12-Oct-2023	16:56:59	-70.39217	39.99033	-70.36983	39.99217	279	20.28	1.036
191	12-Oct-2023	19:26:15	-70.32217	40.18467	-70.30200	40.17850	113	20.07	0.998
192	12-Oct-2023	21:27:46	-70.14400	40.25733	-70.15250	40.27267	94	20.02	0.999
193	12-Oct-2023	23:13:00	-70.00683	40.28733	-69.99183	40.27567	90	19.99	0.982
194	13-Oct-2023	00:45:01	-69.98833	40.18250	-69.97750	40.16833	103	20.00	0.985
195	13-Oct-2023	02:46:28	-70.04283	40.02117	-70.06417	40.02267	168	20.05	0.987
196	13-Oct-2023	08:39:08	-69.82717	39.91617	-69.84800	39.91967	327	19.97	0.984
198	13-Oct-2023	14:35:34	-69.50933	39.93367	-69.52983	39.93583	216	20.02	0.955
199	13-Oct-2023	17:10:11	-69.30617	39.99883	-69.32850	39.99550	122	20.21	1.049
200	13-Oct-2023	19:59:45	-69.34083	40.28483	-69.35167	40.29917	83	20.00	0.993
201	13-Oct-2023	22:23:47	-69.08317	40.27617	-69.10433	40.27800	98	20.03	0.978
202	14-Oct-2023	01:40:11	-68.62067	40.29017	-68.64183	40.29417	107	20.01	1.001
203	14-Oct-2023	04:06:18	-68.50083	40.21700	-68.51867	40.22550	265	20.01	0.965
204	14-Oct-2023	06:49:47	-68.43700	40.24033	-68.41617	40.24633	161	19.97	1.023
205	14-Oct-2023	09:43:39	-68.22083	40.28000	-68.20383	40.29167	189	19.98	1.048
206	14-Oct-2023	14:39:49	-68.71150	40.67967	-68.69033	40.68350	66	20.01	0.993
207	14-Oct-2023	17:46:27	-68.39683	40.74183	-68.41650	40.73567	63	20.00	0.970
208	14-Oct-2023	20:53:46	-68.10233	40.71833	-68.11933	40.70783	78	20.06	0.999
209	14-Oct-2023	23:11:42	-68.12950	40.91450	-68.14433	40.90200	60	19.99	1.009

Table 1. Station report of valid hauls from the Northeast Fisheries Science Center's Fall Bottom Trawl Survey, September 10, 2023 - November 16, 2023.

Station	Date	Time	Begin Longitude	Begin Latitude	End Longitude	End Latitude	Mean Depth	Tow Duration	Tow Distance (nm)
210	15-Oct-2023	04:30:13	-67.71283	41.37400	-67.69267	41.37950	40	20.01	0.969
211	15-Oct-2023	07:35:35	-68.02450	41.66417	-68.01650	41.64983	33	19.98	0.932
212	15-Oct-2023	11:49:57	-67.46867	41.86100	-67.47200	41.87717	55	20.07	0.981
215	15-Oct-2023	17:58:59	-67.18050	41.69450	-67.18100	41.71033	55	19.99	0.950
216	17-Oct-2023	07:44:43	-67.18117	42.03333	-67.16183	42.02717	53	19.98	0.940
217	17-Oct-2023	09:46:14	-67.07883	42.17733	-67.05600	42.17750	124	19.98	1.019
218	17-Oct-2023	11:33:40	-67.06767	42.18533	-67.04517	42.18517	163	20.00	1.004
219	17-Oct-2023	14:10:57	-67.09533	42.28167	-67.07300	42.27933	274	20.02	1.004
220	17-Oct-2023	18:35:54	-66.56800	42.19433	-66.58800	42.20183	215	20.04	0.999
221	17-Oct-2023	21:35:53	-66.25400	42.13100	-66.23267	42.13333	112	20.01	0.963
222	17-Oct-2023	23:42:17	-66.14100	42.15217	-66.11967	42.14717	211	19.99	0.998
223	18-Oct-2023	03:12:13	-65.74033	42.21900	-65.73650	42.23483	229	20.02	0.965
224	18-Oct-2023	06:50:08	-65.75917	42.08433	-65.75750	42.10167	252	19.99	1.042
225	18-Oct-2023	09:07:46	-65.97917	42.07517	-65.96000	42.06900	192	19.98	0.933
226	18-Oct-2023	10:40:53	-65.98783	42.03183	-65.97017	42.02217	119	20.11	0.980
227	18-Oct-2023	12:50:58	-65.82633	41.94383	-65.81450	41.93000	175	20.05	0.984
228	18-Oct-2023	16:49:45	-65.95133	41.68117	-65.95417	41.69867	104	20.09	1.057
229	18-Oct-2023	18:50:45	-66.11050	41.68717	-66.10617	41.70333	97	20.05	0.989
230	18-Oct-2023	21:51:14	-66.19683	42.00350	-66.17533	42.00533	90	20.08	0.968
231	18-Oct-2023	23:56:13	-66.33333	41.94383	-66.32183	41.93000	81	19.98	0.976
233	19-Oct-2023	03:54:25	-66.68667	41.76433	-66.70850	41.76317	65	20.02	0.983

Table 1. Station report of valid hauls from the Northeast Fisheries Science Center's Fall Bottom Trawl Survey, September 10, 2023 - November 16, 2023.

Station	Date	Time	Begin Longitude	Begin Latitude	End Longitude	End Latitude	Mean Depth	Tow Duration	Tow Distance (nm)
234	19-Oct-2023	06:40:51	-66.52050	41.66050	-66.53533	41.67350	74	19.98	1.026
235	19-Oct-2023	09:08:52	-66.38800	41.44517	-66.37083	41.43467	99	19.99	0.998
236	19-Oct-2023	11:52:19	-66.24350	41.24633	-66.24350	41.22967	298	20.04	0.999
237	19-Oct-2023	14:54:33	-66.34583	41.11783	-66.35433	41.10200	279	20.00	1.025
238	19-Oct-2023	17:00:34	-66.45250	41.10167	-66.45200	41.08450	117	20.02	1.030
239	19-Oct-2023	19:20:56	-66.60883	41.20600	-66.59517	41.19267	86	20.09	1.011
240	19-Oct-2023	21:56:08	-66.67417	41.39033	-66.66167	41.37750	83	20.14	0.954
241	20-Oct-2023	00:14:33	-66.88600	41.38317	-66.87100	41.37117	72	20.00	0.988
242	20-Oct-2023	02:23:37	-67.04867	41.34417	-67.05017	41.32733	63	20.03	1.012
243	20-Oct-2023	04:53:54	-67.23883	41.27167	-67.26017	41.26917	55	20.05	0.977
244	20-Oct-2023	06:51:16	-67.44633	41.15767	-67.44483	41.17483	53	19.95	1.032
245	20-Oct-2023	08:44:21	-67.57583	41.12200	-67.55433	41.12383	57	20.05	0.981
246	20-Oct-2023	09:45:50	-67.52850	41.12183	-67.50717	41.12050	59	19.98	0.971
247	20-Oct-2023	12:10:36	-67.42017	41.00167	-67.40900	40.98717	72	20.04	1.007
248	20-Oct-2023	13:37:54	-67.34417	41.01933	-67.32617	41.00967	71	20.04	1.002
249	20-Oct-2023	18:38:34	-67.18983	40.56300	-67.17617	40.57583	157	20.08	0.991
250	20-Oct-2023	21:38:09	-67.47867	40.47467	-67.46600	40.48833	154	20.07	1.004
251	21-Oct-2023	13:36:29	-70.07050	42.24633	-70.04833	42.24783	143	20.19	0.992
253	22-Oct-2023	10:34:34	-70.47267	42.37967	-70.49500	42.38017	87	20.02	0.994
254	22-Oct-2023	12:47:52	-70.44967	42.29383	-70.47183	42.29417	86	20.01	0.987
255	22-Oct-2023	16:45:47	-70.52667	42.23000	-70.53967	42.24400	60	20.04	1.020

Table 1. Station report of valid hauls from the Northeast Fisheries Science Center's Fall Bottom Trawl Survey, September 10, 2023 - November 16, 2023.

Station	Date	Time	Begin Longitude	Begin Latitude	End Longitude	End Latitude	Mean Depth	Tow Duration	Tow Distance (nm)
256	22-Oct-2023	20:37:35	-70.57917	42.19983	-70.59567	42.21133	42	20.03	1.009
257	22-Oct-2023	22:16:23	-70.56267	42.18550	-70.57867	42.19700	44	20.06	0.992
258	23-Oct-2023	06:41:08	-70.34733	42.00300	-70.35917	42.01867	52	20.46	1.078
259	23-Oct-2023	09:25:38	-70.21917	41.99133	-70.23967	41.98483	39	19.95	0.997
260	23-Oct-2023	11:52:20	-70.37783	41.88000	-70.37967	41.89633	33	20.04	0.983
261	23-Oct-2023	13:21:50	-70.37517	41.84050	-70.37700	41.85650	28	20.02	0.963
262	23-Oct-2023	20:35:34	-71.32117	41.39833	-71.31417	41.41433	33	20.06	1.010
263	30-Oct-2023	16:42:15	-70.96817	41.29383	-70.97600	41.27783	38	20.00	1.023
264	30-Oct-2023	19:51:31	-70.60667	41.27150	-70.62250	41.25983	27	20.00	1.001
265	30-Oct-2023	21:48:42	-70.42017	41.14533	-70.43583	41.15700	37	20.06	0.997
266	31-Oct-2023	00:04:17	-70.35433	41.21167	-70.37500	41.21517	31	20.02	0.959
267	31-Oct-2023	01:43:38	-70.28567	41.23550	-70.30683	41.23917	24	20.14	0.983
268	31-Oct-2023	04:16:21	-70.11967	41.05333	-70.13783	41.06367	24	20.03	1.031
269	31-Oct-2023	07:03:52	-70.02767	40.92783	-70.04967	40.92300	25	20.13	1.042
272	31-Oct-2023	15:25:18	-70.36567	40.59833	-70.34783	40.59083	60	20.00	0.931
273	31-Oct-2023	20:25:21	-69.77883	40.83283	-69.77467	40.81700	37	20.02	0.968
274	31-Oct-2023	23:43:55	-69.45950	40.76600	-69.44933	40.75383	49	17.41	0.864
275	01-Nov-2023	01:45:19	-69.43350	40.69083	-69.45450	40.68800	48	20.01	0.973
277	01-Nov-2023	12:21:54	-68.96367	40.89283	-68.94917	40.90550	73	20.00	1.006
278	02-Nov-2023	01:08:43	-69.36650	41.12550	-69.36583	41.13883	48	16.40	0.800
279	02-Nov-2023	08:30:57	-68.43750	41.04550	-68.43517	41.06183	46	19.97	0.985

Table 1. Station report of valid hauls from the Northeast Fisheries Science Center's Fall Bottom Trawl Survey, September 10, 2023 - November 16, 2023.

Station	Date	Time	Begin Longitude	Begin Latitude	End Longitude	End Latitude	Mean Depth	Tow Duration	Tow Distance (nm)
280	02-Nov-2023	12:37:44	-68.45667	41.13100	-68.46533	41.11917	56	17.49	0.811
281	02-Nov-2023	16:44:50	-68.76433	41.28917	-68.78217	41.29683	91	19.98	0.928
282	02-Nov-2023	19:15:52	-68.75500	41.43083	-68.77683	41.43000	135	20.02	0.987
283	02-Nov-2023	21:58:12	-68.42233	41.40783	-68.42650	41.39150	66	20.06	0.997
284	02-Nov-2023	23:39:17	-68.36783	41.46083	-68.36517	41.44433	58	20.01	0.997
285	03-Nov-2023	03:18:08	-68.19550	41.33217	-68.20400	41.34317	50	16.15	0.763
286	03-Nov-2023	07:07:22	-68.38883	41.53200	-68.39233	41.54800	50	20.01	0.972
287	03-Nov-2023	09:15:19	-68.41533	41.66133	-68.41550	41.64483	28	19.99	0.990
288	03-Nov-2023	11:50:08	-68.19917	41.79617	-68.21967	41.78983	87	20.00	0.995
289	03-Nov-2023	14:23:21	-68.27617	41.93433	-68.29300	41.92433	205	19.99	0.963
290	03-Nov-2023	17:02:44	-68.46200	41.92000	-68.46567	41.90467	176	20.02	0.934
291	03-Nov-2023	20:02:07	-68.34533	42.09733	-68.36150	42.08617	180	20.02	0.985
292	04-Nov-2023	01:33:26	-67.93033	42.02833	-67.94900	42.01917	191	20.01	1.000
293	04-Nov-2023	04:47:08	-67.60517	42.11183	-67.62617	42.10767	172	20.03	0.971
294	04-Nov-2023	07:35:58	-67.41750	42.12200	-67.43933	42.11533	126	19.94	1.054
295	04-Nov-2023	11:13:46	-67.78983	42.31950	-67.81067	42.31367	211	19.99	0.991
296	04-Nov-2023	13:41:40	-67.81683	42.43550	-67.83883	42.43433	200	20.04	0.980
297	04-Nov-2023	18:32:08	-67.59867	42.78083	-67.61583	42.76983	226	20.01	1.005
298	04-Nov-2023	22:10:47	-67.94883	42.91300	-67.96550	42.90350	166	20.02	0.930
299	05-Nov-2023	00:38:57	-67.89400	43.04867	-67.90950	43.03650	198	20.03	0.999
302	05-Nov-2023	09:19:00	-67.46867	42.87317	-67.45750	42.88867	243	20.01	1.052

Table 1. Station report of valid hauls from the Northeast Fisheries Science Center's Fall Bottom Trawl Survey, September 10, 2023 - November 16, 2023.

Station	Date	Time	Begin Longitude	Begin Latitude	End Longitude	End Latitude	Mean Depth	Tow Duration	Tow Distance (nm)
303	05-Nov-2023	13:26:39	-67.11333	42.56700	-67.13433	42.56217	307	20.03	0.975
304	05-Nov-2023	16:38:53	-66.79350	42.35550	-66.77267	42.36150	327	20.01	0.994
305	05-Nov-2023	19:21:43	-66.86133	42.45483	-66.83867	42.45567	333	20.02	1.008
306	05-Nov-2023	22:14:56	-66.90467	42.56817	-66.89217	42.58167	276	20.07	0.981
307	06-Nov-2023	08:29:26	-66.86833	43.16650	-66.85750	43.18083	163	20.00	0.983
308	06-Nov-2023	11:24:51	-66.96533	43.24750	-66.98600	43.24150	194	20.06	0.975
309	06-Nov-2023	15:20:38	-67.47883	43.49133	-67.45717	43.48850	222	20.01	0.961
310	06-Nov-2023	18:16:09	-67.40567	43.70533	-67.38317	43.70583	207	20.02	0.980
311	06-Nov-2023	21:52:06	-66.86333	43.63317	-66.86833	43.61717	128	20.06	0.984
312	07-Nov-2023	00:38:27	-66.75333	43.51483	-66.76000	43.50017	167	20.03	0.927
313	07-Nov-2023	03:11:11	-66.69283	43.55967	-66.68800	43.54383	117	20.17	0.973
314	07-Nov-2023	08:30:22	-66.91933	43.87667	-66.91967	43.85933	159	20.02	1.040
316	08-Nov-2023	13:10:30	-69.95183	43.51850	-69.93733	43.53150	107	20.00	1.004
318	08-Nov-2023	16:46:48	-69.77767	43.43100	-69.78817	43.44517	138	20.01	0.966
319	08-Nov-2023	19:21:05	-70.03133	43.40467	-70.01317	43.41417	136	20.00	0.978
320	08-Nov-2023	22:20:40	-70.23217	43.39983	-70.22833	43.41617	91	20.15	0.994
321	09-Nov-2023	05:18:17	-70.01350	43.16683	-70.02250	43.18117	80	20.04	0.946
322	09-Nov-2023	07:55:23	-69.94833	43.16217	-69.93517	43.17667	167	20.02	1.044
323	09-Nov-2023	10:01:23	-69.83650	43.14633	-69.84800	43.13150	176	20.01	1.023
324	09-Nov-2023	12:38:49	-69.79233	43.24300	-69.78300	43.22833	160	19.98	0.970
325	09-Nov-2023	16:09:48	-69.27333	43.22150	-69.29333	43.21417	178	20.01	0.982

Table 1. Station report of valid hauls from the Northeast Fisheries Science Center's Fall Bottom Trawl Survey, September 10, 2023 - November 16, 2023.

Station	Date	Time	Begin Longitude	Begin Latitude	End Longitude	End Latitude	Mean Depth	Tow Duration	Tow Distance (nm)
326	09-Nov-2023	18:36:16	-69.33017	43.33750	-69.30850	43.33150	170	20.00	1.015
327	09-Nov-2023	21:37:26	-68.96967	43.40067	-68.97200	43.38417	140	20.00	0.995
328	10-Nov-2023	05:52:57	-68.36967	43.66033	-68.38067	43.67383	188	20.00	0.941
329	10-Nov-2023	08:15:05	-68.35517	43.80183	-68.37183	43.79033	153	20.02	1.000
330	10-Nov-2023	10:16:23	-68.46367	43.85367	-68.46517	43.83733	130	19.99	0.982
331	10-Nov-2023	13:55:08	-68.29533	43.96083	-68.28000	43.97150	106	19.15	0.923
332	10-Nov-2023	16:53:37	-67.88833	43.99967	-67.90983	43.99833	130	20.00	0.935
333	10-Nov-2023	22:26:13	-67.50250	44.21333	-67.52583	44.21383	187	20.00	1.007
334	11-Nov-2023	02:52:45	-67.17217	44.25400	-67.18867	44.24333	167	20.11	0.957
335	11-Nov-2023	05:57:26	-67.01450	44.19600	-67.02017	44.18050	159	20.04	0.962
336	11-Nov-2023	12:36:08	-67.70700	43.82250	-67.72633	43.83050	218	20.03	0.967
337	11-Nov-2023	21:52:15	-68.53733	42.89700	-68.54717	42.91133	197	20.03	0.963
338	12-Nov-2023	02:05:13	-68.74133	42.75133	-68.76233	42.75633	202	20.05	0.976
339	12-Nov-2023	05:45:20	-69.13350	42.66550	-69.11183	42.66283	176	20.05	0.972
340	12-Nov-2023	09:18:24	-69.52250	42.67600	-69.51633	42.69233	242	20.03	1.017
341	12-Nov-2023	12:52:02	-69.93700	42.48417	-69.93717	42.50067	174	20.03	0.990
342	12-Nov-2023	16:20:17	-70.45883	42.66183	-70.43800	42.65583	46	20.00	0.990
344	12-Nov-2023	22:22:21	-70.67867	42.75617	-70.65683	42.75217	46	20.04	0.995
345	13-Nov-2023	00:20:24	-70.68283	42.72533	-70.67433	42.71017	33	20.01	0.984
346	13-Nov-2023	03:05:23	-70.64217	42.86467	-70.63767	42.88050	71	20.02	0.970
347	13-Nov-2023	07:51:13	-70.31950	42.55100	-70.31850	42.56733	163	19.97	0.981

Table 1. Station report of valid hauls from the Northeast Fisheries Science Center's Fall Bottom Trawl Survey, September 10, 2023 - November 16, 2023.

Station	Date	Time	Begin Longitude	Begin Latitude	End Longitude	End Latitude	Mean Depth	Tow Duration	Tow Distance (nm)
348	13-Nov-2023	14:52:37	-70.38183	41.82150	-70.39583	41.83450	24	20.04	1.001
349	13-Nov-2023	18:13:43	-70.15283	42.10600	-70.17617	42.10483	38	19.99	1.044
350	13-Nov-2023	20:01:17	-70.09267	42.15900	-70.09750	42.14333	55	20.03	0.964
351	13-Nov-2023	23:20:14	-69.81633	42.35667	-69.81667	42.34050	251	20.04	0.970
352	14-Nov-2023	03:08:40	-69.44517	42.36100	-69.46433	42.36833	233	20.06	0.959
353	14-Nov-2023	05:58:04	-69.54867	42.28250	-69.54950	42.29850	234	19.94	0.960
354	14-Nov-2023	09:11:10	-69.61133	42.14333	-69.61300	42.15933	234	19.99	0.963
355	14-Nov-2023	11:25:31	-69.75950	42.09450	-69.75317	42.10983	213	20.01	0.962
356	14-Nov-2023	15:07:27	-69.69717	42.01783	-69.70600	42.03183	190	20.04	0.928
357	14-Nov-2023	19:27:44	-69.19017	42.01950	-69.19517	42.03550	200	19.99	0.985
358	14-Nov-2023	21:35:15	-69.13533	42.01633	-69.14983	42.02933	199	20.02	1.014
359	15-Nov-2023	00:17:12	-69.01583	41.90700	-69.02417	41.92167	188	20.10	0.956
360	15-Nov-2023	03:58:39	-69.35133	41.84333	-69.36900	41.85217	192	20.03	0.953
361	15-Nov-2023	08:53:58	-69.97833	41.99633	-69.96900	41.98117	29	20.16	1.001
362	15-Nov-2023	11:27:43	-69.89200	41.79050	-69.89983	41.80633	27	20.27	1.013
363	15-Nov-2023	14:14:16	-69.62417	41.63583	-69.64017	41.64650	74	20.02	0.963
365	15-Nov-2023	20:13:44	-69.37433	41.23700	-69.37417	41.22117	50	20.01	0.949
366	15-Nov-2023	22:04:51	-69.27033	41.28300	-69.29083	41.28900	84	20.02	0.995
367	16-Nov-2023	00:57:55	-69.17450	41.27133	-69.16300	41.25767	96	20.05	0.971
368	16-Nov-2023	06:24:34	-69.23500	41.04883	-69.25433	41.04050	65	19.94	1.010

Table 2: Catch summary (lbs.) of important species by haul from the Northeast Fisheries Science Center's Fall Bottom Trawl Survey, September 10, 2023 - November 16, 2023.

Station	Acadian Redfish	American Lobster	American Plaice	Atlantic Cod	Atlantic Herring	Atlantic Mackerel	Bluefish	Butterfish	Goosefish	Haddock	Longfin Squid	Northern Shortfin Squid	Pollock	Red Hake	Silver Hake	Spiny Dogfish	Summer Flounder	White Hake	Windowpane	Winter Flounder	Witch Flounder	Yellowtail Flounder	Other	Total
14	0	0	0	0	0	0	0	11	1	0	1,098	51	0	0	2	0	0	0	0	0	0	0	14	1,191
15	0	0	0	0	0	0	0	0	0	0	248	33	0	0	0	0	0	0	0	0	0	0	18	314
16	0	0	0	0	0	0	0	1,146	0	0	77	9	0	0	0	0	0	0	0	0	0	0	35	1,283
18	0	0	0	0	0	0	0	0	0	0	0	54	0	0	1	0	0	0	0	0	0	0	157	230
19	0	0	0	0	0	0	0	0	0	0	0	383	0	0	4	0	0	0	0	0	0	0	801	1,207
20	0	0	0	0	0	0	0	0	0	0	1,715	116	0	0	0	0	0	0	0	0	0	0	20	1,871
21	0	2	0	0	0	0	0	82	0	0	1,601	440	0	1	0	0	0	0	0	0	0	0	23	2,170
22	0	0	0	0	0	0	0	5	0	0	248	27	0	0	0	0	0	0	0	0	0	0	59	361
23	0	0	0	0	0	0	0	3,149	0	0	62	8	0	0	0	0	0	0	0	0	0	0	55	3,297
24	0	5	0	0	0	0	0	16	0	0	10	79	0	1	1	0	0	0	0	0	0	0	82	218
25	0	0	0	0	0	0	0	333	0	0	3,674	246	0	0	0	0	0	0	0	0	0	0	41	4,319
26	0	0	0	0	0	0	0	19	0	0	71	257	0	0	0	1	0	0	0	0	0	0	735	1,109
27	0	0	0	0	0	0	0	0	0	0	11	70	0	0	0	0	0	0	0	0	0	0	474	582
28	0	0	0	0	0	0	0	0	1	0	0	139	0	0	2	0	0	0	0	0	0	0	321	491
29	0	0	0	0	0	0	0	3	0	0	46	34	0	0	4	0	0	0	0	0	0	0	161	277

Table 2: Catch summary (lbs.) of important species by haul from the Northeast Fisheries Science Center's Fall Bottom Trawl Survey, September 10, 2023 - November 16, 2023.

Station	Acadian Redfish	American Lobster	American Plaice	Atlantic Cod	Atlantic Herring	Atlantic Mackerel	Bluefish	Butterfish	Goosefish	Haddock	Longfin Squid	Northern Shortfin Squid	Pollock	Red Hake	Silver Hake	Spiny Dogfish	Summer Flounder	White Hake	Windowpane	Winter Flounder	Witch Flounder	Yellowtail Flounder	Other	Total	
30	0	0	0	0	0	0	0	2	0	0	182	24	0	1	6	0	0	0	0	0	0	0	0	156	401
31	0	0	0	0	0	0	0	10	0	0	795	27	0	0	3	0	0	0	0	0	0	0	0	123	989
32	0	0	0	0	0	0	0	5	0	0	1,565	15	0	0	0	0	0	0	0	0	0	0	0	162	1,779
33	0	0	0	0	0	0	0	1	0	0	1,442	0	0	0	0	0	0	0	0	0	0	0	0	46	1,522
34	0	0	0	0	0	0	0	86	0	0	1,842	1	0	0	0	0	0	0	0	0	0	0	0	507	2,470
35	0	0	0	0	0	0	0	4	1	0	2,876	0	0	1	0	0	0	0	0	0	0	0	0	39	2,956
36	0	1	0	0	0	0	0	4	0	0	389	1	0	0	9	0	0	0	4	0	0	0	0	78	522
37	0	1	0	0	0	0	0	2	0	0	83	0	0	0	14	0	0	0	2	0	0	0	0	357	496
38	0	0	0	0	0	0	0	18	0	0	13	0	0	0	1	0	1	0	0	0	0	0	0	634	705
39	0	0	0	0	0	0	0	21	0	0	127	0	0	0	0	2	0	0	1	0	0	0	0	47	237
40	0	1	0	0	0	0	0	38	1	0	290	0	0	1	53	0	0	0	0	0	0	0	0	568	992
41	0	0	0	0	0	0	0	4	0	0	1,258	40	0	0	1	2	0	0	0	0	0	0	0	13	1,359
42	0	1	0	0	0	0	0	0	0	0	5	263	0	3	9	0	0	0	0	0	0	0	0	1,390	1,713
43	0	1	0	0	0	0	0	0	0	0	1,222	65	0	0	4	0	0	0	0	0	0	0	0	125	1,460
44	0	0	0	0	0	0	0	0	0	0	418	1	0	0	0	0	0	0	0	0	0	0	0	48	511

Table 2: Catch summary (lbs.) of important species by haul from the Northeast Fisheries Science Center's Fall Bottom Trawl Survey, September 10, 2023 - November 16, 2023.

Station	Acadian Redfish	American Lobster	American Plaice	Atlantic Cod	Atlantic Herring	Atlantic Mackerel	Bluefish	Butterfish	Goosefish	Haddock	Longfin Squid	Northern Shortfin Squid	Pollock	Red Hake	Silver Hake	Spiny Dogfish	Summer Flounder	White Hake	Windowpane	Winter Flounder	Witch Flounder	Yellowtail Flounder	Other	Total
45	0	0	0	0	0	0	0	0	0	0	2,186	97	0	0	0	0	0	0	0	0	0	0	29	2,357
46	0	0	0	0	0	0	0	4	2	0	1,728	5	0	0	0	0	0	0	0	0	0	0	40	1,825
48	0	0	0	0	0	0	0	0	0	0	7	0	0	0	0	0	2	0	1	0	0	0	318	376
49	0	0	0	0	0	0	0	2	0	0	158	0	0	0	0	0	0	0	1	0	0	0	249	459
50	0	0	0	0	0	0	0	1,216	0	0	158	0	0	0	0	0	1	0	2	0	0	0	341	1,768
51	0	0	0	0	0	0	2	58	0	0	552	0	0	0	0	0	6	0	4	0	0	0	2,915	3,588
52	0	0	0	0	0	0	0	0	0	0	677	0	0	0	0	0	0	0	0	0	0	0	452	1,181
53	0	0	0	0	0	0	1	65	0	0	55	0	0	0	0	0	0	0	0	0	0	0	285	459
54	0	0	0	0	0	0	2	1,438	0	0	789	0	0	0	0	0	0	0	0	0	0	0	3,681	5,964
55	0	0	0	0	0	0	0	21	0	0	65	0	0	0	0	0	1	0	0	0	0	0	886	1,028
56	0	0	0	0	0	0	0	147	0	0	204	0	0	0	0	0	0	0	0	0	0	0	1,571	1,978
57	0	0	0	0	0	0	0	40	13	0	384	7	0	5	149	1	0	0	0	0	0	0	523	1,179
58	0	1	0	0	0	0	0	4	3	0	1	95	0	8	0	0	0	0	0	0	0	0	957	1,127
59	0	0	0	0	0	0	0	0	1	0	0	67	0	1	1	0	0	0	0	0	0	0	758	887
60	0	0	0	0	0	0	0	0	0	0	246	35	0	0	5	0	0	0	0	0	0	0	225	571

Table 2: Catch summary (lbs.) of important species by haul from the Northeast Fisheries Science Center's Fall Bottom Trawl Survey, September 10, 2023 - November 16, 2023.

Station	Acadian Redfish	American Lobster	American Plaice	Atlantic Cod	Atlantic Herring	Atlantic Mackerel	Bluefish	Butterfish	Goosefish	Haddock	Longfin Squid	Northern Shortfin Squid	Pollock	Red Hake	Silver Hake	Spiny Dogfish	Summer Flounder	White Hake	Windowpane	Winter Flounder	Witch Flounder	Yellowtail Flounder	Other	Total
61	0	0	0	0	0	0	0	1	0	0	222	13	0	0	1	0	0	0	0	0	0	0	605	903
62	0	1	0	0	0	0	0	244	0	0	3,657	4	0	0	0	0	0	0	0	0	0	0	48	4,016
63	0	0	0	0	0	0	0	8	18	0	46	40	0	0	205	0	0	0	0	0	0	0	4,029	4,409
64	0	0	0	0	0	0	0	0	1	0	2,762	2	0	0	0	0	0	0	0	0	0	0	102	2,931
65	0	0	0	0	0	0	0	0	0	0	1,100	1	0	0	0	0	0	0	0	0	0	0	83	1,249
66	0	0	0	0	0	0	0	21	0	0	219	0	0	0	0	0	1	0	1	0	0	0	142	450
67	0	0	0	0	0	0	0	53	0	0	1,173	0	0	0	0	0	0	0	0	0	0	0	379	1,672
68	0	0	0	0	0	0	0	3,569	0	0	3,512	12	0	0	0	0	0	0	0	0	0	0	52	7,213
69	0	0	0	0	0	0	0	120	1	0	24	98	0	0	6	0	0	0	0	0	0	0	178	496
70	0	0	0	0	0	0	0	3	0	0	3,801	1	0	0	0	0	0	0	0	0	0	0	1,492	5,367
71	0	0	0	0	0	0	0	3	0	0	207	452	0	0	10	0	0	0	0	0	0	0	316	1,059
72	0	0	0	0	0	0	0	0	4	0	3	126	0	6	2	0	0	0	0	0	0	0	664	877
73	0	0	0	0	0	0	0	1	1	0	53	62	0	0	2	0	0	0	0	0	0	0	875	1,067
74	0	0	0	0	0	0	0	4	0	0	524	2	0	0	0	0	0	0	0	0	0	0	31	635
75	0	0	0	0	0	0	0	7	0	0	92	8	0	0	1	0	0	0	0	0	0	0	2,276	2,459

Table 2: Catch summary (lbs.) of important species by haul from the Northeast Fisheries Science Center's Fall Bottom Trawl Survey, September 10, 2023 - November 16, 2023.

Station	Acadian Redfish	American Lobster	American Plaice	Atlantic Cod	Atlantic Herring	Atlantic Mackerel	Bluefish	Butterfish	Goosefish	Haddock	Longfin Squid	Northern Shortfin Squid	Pollock	Red Hake	Silver Hake	Spiny Dogfish	Summer Flounder	White Hake	Windowpane	Winter Flounder	Witch Flounder	Yellowtail Flounder	Other	Total
76	0	0	0	0	0	0	0	12	0	0	19	1	0	0	0	0	1	0	0	0	0	0	1,347	1,456
77	0	0	0	0	0	0	0	33	0	0	2	0	0	0	0	0	2	0	0	0	0	0	2,038	2,152
78	0	0	0	0	0	0	0	17	0	0	3	0	0	0	0	0	2	0	0	0	0	0	1,026	1,126
80	0	0	0	0	0	0	0	1	0	0	4	0	0	0	0	0	0	0	0	0	0	0	474	559
81	0	0	0	0	0	0	0	0	0	0	200	0	0	0	0	0	0	0	0	0	0	0	93	374
82	0	0	0	0	0	0	0	0	0	0	98	0	0	0	0	0	0	0	0	0	0	0	36	216
83	0	0	0	0	0	0	0	0	0	0	56	0	0	0	0	0	0	0	0	0	0	0	53	192
84	0	0	0	0	0	0	0	0	0	0	32	0	0	0	0	0	0	0	0	0	0	0	238	354
85	0	0	0	0	0	0	0	0	0	0	123	0	0	0	0	0	0	0	0	0	0	0	19	227
86	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	8,115	8,203
88	0	0	0	0	0	0	0	0	0	0	45	33	0	0	0	0	0	0	0	0	0	0	183	349
89	0	0	0	0	0	0	0	0	0	0	4	17	0	0	1	0	0	0	0	0	0	0	32	143
90	0	0	0	0	0	0	0	24	0	0	44	3	0	0	0	0	0	0	0	0	0	0	147	308
91	0	0	0	0	0	0	0	0	0	0	0	105	0	0	0	0	0	0	0	0	0	0	329	525
92	0	0	0	0	0	0	0	0	0	0	203	3	0	0	0	0	0	0	0	0	0	0	219	517

Table 2: Catch summary (lbs.) of important species by haul from the Northeast Fisheries Science Center's Fall Bottom Trawl Survey, September 10, 2023 - November 16, 2023.

Station	Acadian Redfish	American Lobster	American Plaice	Atlantic Cod	Atlantic Herring	Atlantic Mackerel	Bluefish	Butterfish	Goosefish	Haddock	Longfin Squid	Northern Shortfin Squid	Pollock	Red Hake	Silver Hake	Spiny Dogfish	Summer Flounder	White Hake	Windowpane	Winter Flounder	Witch Flounder	Yellowtail Flounder	Other	Total
94	0	0	0	0	0	0	0	0	0	0	207	0	0	0	0	0	0	0	0	0	0	0	11	312
95	0	0	0	0	0	0	0	0	0	0	6	0	0	0	0	0	0	0	0	0	0	0	16	117
96	0	0	0	0	0	0	0	3	8	0	39	18	0	0	2	0	0	0	0	0	0	0	5,455	5,621
97	0	0	0	0	0	0	0	49	0	0	8	0	0	0	0	0	1	0	0	0	0	0	609	764
98	0	0	0	0	0	0	0	90	0	0	10	0	0	0	0	0	5	0	0	0	0	0	1,371	1,574
99	0	0	0	0	0	0	0	9	0	0	84	0	0	0	0	0	2	0	2	0	0	0	183	379
100	0	0	0	0	0	0	0	45	0	0	86	0	0	0	0	0	7	0	0	0	0	0	519	757
101	0	0	0	0	0	0	0	151	0	0	11	0	0	0	0	0	0	0	0	0	0	0	12,260	12,523
102	0	0	0	0	0	0	0	53	0	0	20	0	0	0	0	0	1	0	1	0	0	0	6,753	6,930
103	0	0	0	0	0	0	2	4	0	0	51	0	0	0	0	0	0	0	1	0	0	0	191	352
104	0	0	0	0	0	0	3	478	0	0	86	0	0	0	0	0	0	0	0	0	0	0	2,449	3,120
105	0	0	0	0	0	0	5	1,100	0	0	314	0	0	0	0	0	2	0	1	0	0	0	2,305	3,832
106	0	0	0	0	0	0	31	977	0	0	86	0	0	0	0	0	3	0	0	0	0	0	10,021	11,224
107	0	0	0	0	0	0	3	101	0	0	25	0	0	0	0	0	2	0	0	0	0	0	4,097	4,335
108	0	0	0	0	0	0	3	160	0	0	15	0	0	0	0	0	3	0	1	0	0	0	3,944	4,234

Table 2: Catch summary (lbs.) of important species by haul from the Northeast Fisheries Science Center's Fall Bottom Trawl Survey, September 10, 2023 - November 16, 2023.

Station	Acadian Redfish	American Lobster	American Plaice	Atlantic Cod	Atlantic Herring	Atlantic Mackerel	Bluefish	Butterfish	Goosefish	Haddock	Longfin Squid	Northern Shortfin Squid	Pollock	Red Hake	Silver Hake	Spiny Dogfish	Summer Flounder	White Hake	Windowpane	Winter Flounder	Witch Flounder	Yellowtail Flounder	Other	Total
109	0	0	0	0	0	0	3	20	0	0	19	0	0	0	0	0	13	0	47	0	0	0	1,445	1,656
110	0	0	0	0	0	0	0	1	0	0	15	0	0	0	0	0	16	0	28	0	0	0	811	981
111	0	0	0	0	0	0	0	18	0	0	7	0	0	0	0	0	11	0	2	0	0	0	3,171	3,320
112	0	0	0	0	0	0	0	0	0	0	119	0	0	0	0	0	1	0	0	0	0	0	394	626
113	0	1	0	0	0	0	6	61	0	0	47	0	0	0	0	0	9	0	10	0	0	0	2,838	3,085
114	0	0	0	0	0	0	3	313	0	0	70	0	0	0	0	0	0	0	0	0	0	0	2,134	2,634
115	0	0	0	0	0	0	20	38	0	0	54	0	0	0	0	0	4	0	16	0	0	0	1,919	2,166
116	0	0	0	0	0	0	0	13	0	0	5	0	0	0	0	0	15	0	2	0	0	0	895	1,046
117	0	0	0	0	0	0	0	38	0	0	2	0	0	0	0	0	7	0	3	0	0	0	1,144	1,311
118	0	0	0	0	0	0	86	27	0	0	20	0	0	0	0	0	29	0	21	0	0	0	3,089	3,390
119	0	0	0	0	0	0	9	11	0	0	30	0	0	0	0	0	7	0	16	0	0	0	854	1,046
120	0	0	0	0	0	1	15	6	0	0	107	0	0	0	0	0	2	0	17	0	0	0	1,230	1,498
121	0	0	0	0	0	0	3	1	0	0	297	0	0	0	0	0	3	0	0	0	0	0	1,149	1,574
122	0	0	0	0	0	0	13	4	0	0	504	0	0	0	0	0	17	0	0	0	0	0	2,980	3,640
123	0	0	0	0	0	0	0	24	0	0	5,167	0	0	0	0	1	0	0	0	0	0	0	36	5,351

Table 2: Catch summary (lbs.) of important species by haul from the Northeast Fisheries Science Center's Fall Bottom Trawl Survey, September 10, 2023 - November 16, 2023.

Station	Acadian Redfish	American Lobster	American Plaice	Atlantic Cod	Atlantic Herring	Atlantic Mackerel	Bluefish	Butterfish	Goosefish	Haddock	Longfin Squid	Northern Shortfin Squid	Pollock	Red Hake	Silver Hake	Spiny Dogfish	Summer Flounder	White Hake	Windowpane	Winter Flounder	Witch Flounder	Yellowtail Flounder	Other	Total
124	0	0	0	0	0	0	0	0	0	0	665	0	0	0	0	0	0	0	0	0	0	0	491	1,280
125	0	0	0	0	0	0	0	0	0	0	191	0	0	0	0	0	5	0	2	0	0	0	148	471
127	0	0	0	0	0	0	0	106	0	0	2,867	0	0	0	0	0	11	0	1	4	0	0	396	3,512
128	0	0	0	0	0	0	0	59	0	0	643	0	0	0	0	0	12	0	12	17	0	0	1,898	2,769
129	0	2	0	0	0	0	0	298	0	0	315	0	0	2	146	0	35	0	30	11	0	0	6,567	7,535
130	0	0	0	0	0	0	0	702	0	0	191	0	0	1	67	0	124	0	17	459	0	0	6,389	8,080
131	0	1	0	0	0	0	0	693	0	0	2,395	0	0	0	6	104	4	0	1	1	0	0	352	3,688
132	0	1	0	0	0	3	0	659	1	0	2,636	1	0	5	94	112	6	0	0	0	0	0	913	4,563
133	0	2	0	0	0	0	0	21	1	0	3,144	2	0	18	51	1	4	0	0	0	0	0	480	3,857
134	0	1	0	0	0	0	0	107	5	0	4,088	110	0	20	63	1	3	0	0	0	0	0	776	5,308
135	0	0	0	0	0	0	0	62	23	0	44	15	0	84	2,456	0	1	0	0	0	0	0	4,459	7,279
136	0	0	0	0	0	20	0	1,945	0	0	3,294	0	0	1	124	1	0	0	1	0	0	0	364	5,886
137	0	0	0	0	0	1	0	714	0	0	824	2	0	1	192	3	1	0	0	0	0	1	973	2,849
138	0	2	0	0	0	1	0	1,344	0	0	1,027	0	0	0	159	49	26	0	5	2	0	0	1,430	4,183
139	0	2	0	0	0	0	0	2	0	0	848	0	0	0	0	0	5	0	8	2	0	0	1,141	2,147

Table 2: Catch summary (lbs.) of important species by haul from the Northeast Fisheries Science Center's Fall Bottom Trawl Survey, September 10, 2023 - November 16, 2023.

Station	Acadian Redfish	American Lobster	American Plaice	Atlantic Cod	Atlantic Herring	Atlantic Mackerel	Bluefish	Butterfish	Goosefish	Haddock	Longfin Squid	Northern Shortfin Squid	Pollock	Red Hake	Silver Hake	Spiny Dogfish	Summer Flounder	White Hake	Windowpane	Winter Flounder	Witch Flounder	Yellowtail Flounder	Other	Total
140	0	0	0	0	0	0	1	1,409	0	0	3,024	0	0	0	0	8	5	0	0	10	0	0	1,441	6,038
141	0	0	0	0	0	0	0	35	0	0	1,317	0	0	0	0	7	7	0	0	0	0	0	2,839	4,346
142	0	0	0	0	0	0	0	59	0	0	2,435	0	0	0	0	27	15	0	1	0	0	0	3,383	6,062
143	0	1	0	0	0	0	0	6	0	0	1,852	0	0	0	0	0	3	0	1	0	0	0	5,187	7,193
144	0	0	0	0	0	0	0	8	0	0	1,070	0	0	0	0	2	9	0	2	0	0	0	197	1,432
146	0	0	0	0	0	0	1	154	0	0	232	0	0	0	6	4	5	0	5	0	0	0	568	1,121
147	0	0	0	0	0	0	1	42	0	0	23	0	0	1	9	0	1	0	1	0	0	0	705	930
148	0	0	0	0	0	0	1	323	0	0	168	0	0	0	5	1	7	0	1	0	0	0	510	1,164
149	0	0	0	0	0	0	0	26	0	0	1,006	0	0	0	0	0	2	0	1	0	0	0	303	1,487
150	0	0	0	0	0	0	4	396	0	0	1,106	0	0	0	0	0	2	0	0	0	0	0	1,161	2,819
151	0	0	0	0	0	0	0	227	0	0	1,117	0	0	0	0	0	7	0	2	0	0	0	670	2,174
152	0	0	0	0	0	0	6	652	0	0	973	0	0	0	0	1	4	0	6	0	0	0	86	1,880
153	0	0	0	0	0	0	1	102	0	0	806	0	0	0	0	0	2	0	7	0	0	0	2,287	3,358
154	0	0	0	0	0	0	2	226	0	0	311	0	0	0	0	0	5	0	9	0	0	0	981	1,688
155	0	0	0	0	0	0	0	1	0	0	384	0	0	0	0	0	50	0	4	0	0	0	944	1,538

Table 2: Catch summary (lbs.) of important species by haul from the Northeast Fisheries Science Center's Fall Bottom Trawl Survey, September 10, 2023 - November 16, 2023.

Station	Acadian Redfish	American Lobster	American Plaice	Atlantic Cod	Atlantic Herring	Atlantic Mackerel	Bluefish	Butterfish	Goosefish	Haddock	Longfin Squid	Northern Shortfin Squid	Pollock	Red Hake	Silver Hake	Spiny Dogfish	Summer Flounder	White Hake	Windowpane	Winter Flounder	Witch Flounder	Yellowtail Flounder	Other	Total
156	0	0	0	0	0	0	0	0	0	0	806	0	0	0	0	0	6	0	17	0	0	0	923	1,908
157	0	0	0	0	0	0	3	1	0	0	443	0	0	0	1	0	9	0	10	0	0	0	639	1,263
158	0	0	0	0	0	0	3	0	0	0	1,426	0	0	0	0	0	3	0	9	0	0	0	126	1,725
159	0	0	0	0	0	0	2	0	0	0	680	0	0	0	0	0	5	0	1	0	0	0	267	1,114
160	0	0	0	0	0	0	0	1	0	0	772	0	0	0	0	0	16	0	0	0	0	0	65	1,014
161	0	0	0	0	0	0	0	1	0	0	6,495	0	0	0	0	0	0	0	0	0	0	0	208	6,865
162	0	0	0	0	0	0	0	5	0	0	7,280	0	0	0	0	0	0	0	0	0	0	0	208	7,655
163	0	0	0	0	0	0	0	37	0	0	4,510	4	0	0	2	0	0	0	0	0	0	0	31	4,747
164	0	1	0	0	0	0	0	3	0	0	42	66	0	0	5	0	0	0	0	0	0	0	532	813
165	0	0	0	0	0	0	0	0	0	0	3	6	0	0	19	0	0	0	0	0	0	0	2,082	2,275
166	0	0	0	0	0	0	0	0	0	0	190	408	0	0	1	0	0	0	0	0	0	0	174	939
167	0	0	0	0	0	0	0	8	1	0	749	44	0	0	1	0	0	0	0	0	0	0	123	1,093
168	0	0	0	0	0	0	0	187	0	0	1,224	25	0	0	11	0	0	0	0	0	0	0	618	2,233
169	0	4	0	0	0	0	0	255	0	0	11,154	17	0	1	2	0	0	0	0	0	0	0	69	11,671
170	0	0	0	0	0	0	0	5	0	0	9,087	1	0	1	0	0	0	0	0	0	0	0	2,035	11,299

Table 2: Catch summary (lbs.) of important species by haul from the Northeast Fisheries Science Center's Fall Bottom Trawl Survey, September 10, 2023 - November 16, 2023.

Station	Acadian Redfish	American Lobster	American Plaice	Atlantic Cod	Atlantic Herring	Atlantic Mackerel	Bluefish	Butterfish	Goosefish	Haddock	Longfin Squid	Northern Shortfin Squid	Pollock	Red Hake	Silver Hake	Spiny Dogfish	Summer Flounder	White Hake	Windowpane	Winter Flounder	Witch Flounder	Yellowtail Flounder	Other	Total
171	0	1	0	0	0	0	0	176	0	0	3,711	0	0	1	3	4	1	0	0	0	0	0	107	4,175
172	0	0	0	0	0	0	0	11	0	0	505	0	0	0	0	4	3	0	0	0	0	0	316	1,011
173	0	0	0	0	0	0	0	6	0	0	928	0	0	0	2	0	22	0	0	0	0	0	668	1,799
174	0	0	0	0	0	0	0	2	0	0	1,218	0	0	0	9	0	5	0	0	1	0	0	263	1,672
175	0	0	0	0	0	0	0	120	0	0	1,866	0	0	0	7	1	0	0	0	0	0	0	285	2,454
176	0	0	0	0	0	0	0	16	0	0	1,669	108	0	0	4	0	0	0	0	0	0	0	77	2,050
177	0	0	0	0	0	0	0	25	0	0	242	75	0	0	4	0	0	0	0	0	0	0	78	601
178	0	0	0	0	0	0	0	47	0	0	5,574	103	0	0	0	0	0	0	0	0	0	0	17	5,919
179	0	1	0	0	0	0	0	11	0	0	1,430	113	0	0	0	0	0	0	0	0	0	0	92	1,826
180	0	6	0	0	0	0	0	0	4	0	2	12	0	23	5	0	0	0	0	0	0	0	436	668
181	0	0	0	0	0	0	0	62	0	0	545	2	0	1	1	0	0	0	0	0	0	0	156	948
182	0	0	0	0	0	0	0	22	4	0	32	2	0	0	14,938	0	0	0	0	0	0	0	72	15,252
183	0	1	0	0	0	0	0	13	73	0	86	1	0	4	8,794	0	0	0	0	0	0	0	175	9,330
184	0	0	0	0	0	0	0	87	5	0	1,889	14	0	0	3	0	0	0	0	0	0	0	422	2,604

Table 2: Catch summary (lbs.) of important species by haul from the Northeast Fisheries Science Center's Fall Bottom Trawl Survey, September 10, 2023 - November 16, 2023.

Station	Acadian Redfish	American Lobster	American Plaice	Atlantic Cod	Atlantic Herring	Atlantic Mackerel	Bluefish	Butterfish	Goosefish	Haddock	Longfin Squid	Northern Shortfin Squid	Pollock	Red Hake	Silver Hake	Spiny Dogfish	Summer Flounder	White Hake	Windowpane	Winter Flounder	Witch Flounder	Yellowtail Flounder	Other	Total
185	0	5	0	0	0	0	0	11	4	0	3	17	0	0	1	0	0	0	0	0	0	0	201	427
186	0	1	0	0	0	0	0	37	0	0	1,472	111	0	0	3	0	0	0	0	0	0	0	327	2,137
187	0	16	0	0	0	0	0	1	1	0	1	54	0	0	0	0	0	0	0	0	0	0	516	776
188	0	0	0	0	0	0	0	0	0	0	6,286	103	0	0	0	0	0	0	0	0	0	0	49	6,626
189	1	2	0	0	0	0	0	78	0	0	39	197	0	0	255	0	0	0	0	0	0	0	74	835
190	0	8	0	0	0	0	0	0	5	0	0	34	0	0	18	0	0	0	0	0	0	0	499	754
191	0	0	0	0	0	0	0	6	2	0	257	9	0	0	51	0	0	0	0	0	0	0	87	603
192	0	3	0	0	0	0	0	1	57	0	87	3	0	29	6,438	0	0	0	0	0	0	0	186	6,996
193	0	5	0	0	0	0	0	2	69	0	97	15	0	21	5,351	0	0	0	0	0	0	0	135	5,888
194	0	3	0	0	0	0	0	4	9	0	157	67	0	0	3,431	0	0	0	0	0	0	0	69	3,934
195	0	0	0	0	0	0	0	2	1	0	44	209	0	0	74	0	0	0	0	0	0	0	85	610
196	0	19	0	0	0	0	0	0	0	0	0	40	0	8	312	0	0	0	0	0	0	0	1,169	1,744
198	0	0	0	0	0	0	0	12	6	0	0	273	0	5	2,442	0	0	0	0	0	0	0	279	3,215
199	0	2	0	0	0	0	0	2	0	0	134	42	0	13	84	0	0	0	0	0	0	0	174	650
200	0	4	0	0	0	0	0	0	25	0	5	4	0	145	3,311	0	0	0	0	0	0	0	573	4,267

Table 2: Catch summary (lbs.) of important species by haul from the Northeast Fisheries Science Center's Fall Bottom Trawl Survey, September 10, 2023 - November 16, 2023.

Station	Acadian Redfish	American Lobster	American Plaice	Atlantic Cod	Atlantic Herring	Atlantic Mackerel	Bluefish	Butterfish	Goosefish	Haddock	Longfin Squid	Northern Shortfin Squid	Pollock	Red Hake	Silver Hake	Spiny Dogfish	Summer Flounder	White Hake	Windowpane	Winter Flounder	Witch Flounder	Yellowtail Flounder	Other	Total	
201	0	0	0	0	0	0	0	2	11	0	4	16	0	28	5,848	0	0	0	0	0	0	0	0	819	6,929
202	0	0	0	0	0	0	0	1	0	0	1	13	0	6	1,300	0	0	0	0	0	0	0	0	383	1,906
203	0	1	0	0	0	0	0	1	0	0	0	20	0	7	58	0	0	0	0	0	0	0	0	167	457
204	0	0	0	0	0	0	0	1	0	0	1	11	0	0	1	0	0	0	0	0	0	0	0	84	302
205	0	0	0	0	0	0	0	0	0	0	0	6	0	4	0	0	0	0	0	0	0	0	0	71	286
206	0	6	0	0	0	2,047	0	7,759	0	0	4,765	3	0	17	59	63	18	0	0	0	0	0	0	289	15,232
207	0	0	0	0	0	17	0	45	0	0	137	15	0	1	92	117	4	0	5	0	0	0	0	361	1,001
208	0	0	0	0	0	2	0	74	0	0	7	1	0	9	410	6	0	0	0	0	0	0	1	322	1,040
209	0	0	0	0	0	1	0	527	0	0	56	2	0	4	422	257	3	0	6	0	0	0	0	546	2,033
210	0	0	0	0	0	0	0	151	0	0	281	0	0	0	64	34	2	0	35	0	0	0	0	775	1,552
211	0	1	0	0	0	918	0	37	0	0	585	0	0	0	0	31	0	0	1	0	0	0	0	18	1,802
212	0	5	0	0	0	1,796	0	306	0	0	101	0	0	4	37	1,024	1	0	4	10	0	0	0	185	3,685
215	0	12	0	0	0	18	0	560	0	0	42	0	0	12	349	220	0	0	33	1	0	0	0	1,543	3,005
216	0	2	0	0	95	185	0	130	1	0	25	4	0	39	79	11	0	0	0	37	0	0	0	143	967
217	0	0	0	0	21	44	0	1	2	0	0	2	0	18	576	0	0	0	0	0	0	0	0	92	973

Table 2: Catch summary (lbs.) of important species by haul from the Northeast Fisheries Science Center's Fall Bottom Trawl Survey, September 10, 2023 - November 16, 2023.

Station	Acadian Redfish	American Lobster	American Plaice	Atlantic Cod	Atlantic Herring	Atlantic Mackerel	Bluefish	Butterfish	Goosefish	Haddock	Longfin Squid	Northern Shortfin Squid	Pollock	Red Hake	Silver Hake	Spiny Dogfish	Summer Flounder	White Hake	Windowpane	Winter Flounder	Witch Flounder	Yellowtail Flounder	Other	Total
218	0	0	0	0	227	1	0	0	9	1	0	0	0	173	2,015	0	0	2	0	0	10	0	140	2,796
219	0	0	0	0	3	0	0	0	9	2	0	4	0	38	632	0	0	1	0	0	0	0	26	934
220	29	110	0	0	0	0	0	0	1	0	0	0	0	56	885	2	0	0	0	0	2	0	76	1,381
221	0	16	0	1	0	0	0	1	0	125	0	1	0	60	240	33	0	0	0	0	0	0	276	974
222	3	15	0	0	0	0	0	0	0	0	0	3	0	12	63	0	0	0	0	0	0	0	91	409
223	0	1	0	0	0	0	0	0	0	4	0	1	3	9	2	0	0	0	0	0	0	0	74	317
224	8	1	0	0	0	0	0	0	0	40	0	2	1	0	0	0	0	0	0	0	0	0	59	335
225	2	5	0	0	2	0	0	0	0	39	0	0	0	4	2	0	0	0	0	0	0	0	12	291
226	2	7	0	12	0	0	0	0	0	807	0	0	2	0	0	0	0	0	0	0	0	0	39	1,095
227	3	6	0	1	0	0	0	0	0	259	0	1	0	0	28	0	0	0	0	0	0	0	40	565
228	0	3	0	0	0	0	0	0	0	1	0	1	0	1	8	0	0	0	0	0	0	1	54	297
229	25	15	0	0	0	0	0	0	2	18	0	2	0	23	47	0	0	0	0	1	0	24	1,773	2,159
230	10	12	0	2	0	0	0	0	1	1	0	0	0	111	139	12	0	0	0	0	0	0	1,112	1,630
231	1	6	0	63	0	0	0	2	3	62	0	0	0	58	222	0	0	4	0	7	0	7	441	1,107
233	0	35	0	0	0	0	0	4	1	0	3	5	0	7	175	276	1	0	46	0	0	0	331	1,117

Table 2: Catch summary (lbs.) of important species by haul from the Northeast Fisheries Science Center's Fall Bottom Trawl Survey, September 10, 2023 - November 16, 2023.

Station	Acadian Redfish	American Lobster	American Plaice	Atlantic Cod	Atlantic Herring	Atlantic Mackerel	Bluefish	Butterfish	Goosefish	Haddock	Longfin Squid	Northern Shortfin Squid	Pollock	Red Hake	Silver Hake	Spiny Dogfish	Summer Flounder	White Hake	Windowpane	Winter Flounder	Witch Flounder	Yellowtail Flounder	Other	Total
234	0	11	0	0	0	0	0	2	1	0	110	2	0	5	126	69	0	0	0	0	0	0	104	664
235	0	21	0	0	0	0	0	0	2	369	0	0	0	39	93	1	0	4	0	0	0	1	1,930	2,695
236	79	54	0	0	0	0	0	0	3	1	0	4	0	1	2	0	0	15	0	0	2	0	730	1,127
237	3	237	0	0	0	0	0	0	0	0	0	4	0	11	84	0	0	2	0	0	0	0	962	1,540
238	0	5	0	0	0	0	0	30	0	0	0	3	0	219	489	5	0	0	0	0	0	0	171	1,160
239	3	4	0	0	0	0	0	3	1	0	0	1	0	120	1,321	6	0	0	0	0	0	7	735	2,440
240	5	3	0	0	0	0	0	6	2	0	1	1	0	28	2,539	10	0	0	0	0	0	3	508	3,346
241	1	7	0	0	0	0	0	74	0	2	5	27	0	27	483	194	1	0	1	0	0	1	790	1,854
242	0	1	0	0	0	0	0	31	0	0	41	3	0	2	57	213	0	0	20	0	0	0	553	1,163
243	0	2	0	0	0	1	0	17	0	0	59	0	0	1	225	118	1	0	18	0	0	0	349	1,034
244	0	0	0	0	0	11	0	196	0	0	1,599	0	0	0	38	117	10	0	4	0	0	0	93	2,312
245	0	1	0	0	0	0	0	283	0	0	1,664	1	0	0	16	87	4	0	2	0	0	0	80	2,383
246	0	1	0	0	0	0	0	755	0	0	2,617	0	0	2	49	126	3	0	5	0	0	0	89	3,893
247	0	1	0	0	0	1	0	858	0	1	985	4	0	25	107	64	2	0	0	0	0	0	216	2,511
248	0	2	0	0	0	2	0	468	0	0	2,891	3	0	11	55	74	1	0	0	0	0	0	155	3,910

Table 2: Catch summary (lbs.) of important species by haul from the Northeast Fisheries Science Center's Fall Bottom Trawl Survey, September 10, 2023 - November 16, 2023.

Station	Acadian Redfish	American Lobster	American Plaice	Atlantic Cod	Atlantic Herring	Atlantic Mackerel	Bluefish	Butterfish	Goosefish	Haddock	Longfin Squid	Northern Shortfin Squid	Pollock	Red Hake	Silver Hake	Spiny Dogfish	Summer Flounder	White Hake	Windowpane	Winter Flounder	Witch Flounder	Yellowtail Flounder	Other	Total
249	1	3	0	0	0	0	0	30	0	0	0	5	0	4	141	0	0	0	0	0	0	0	184	617
250	5	1	0	0	0	0	0	0	0	0	0	4	0	3	28	0	0	0	0	0	0	0	277	568
251	9	2	20	0	6	0	0	0	16	0	0	0	0	265	807	20	0	3	0	1	82	5	410	1,897
253	2	9	190	1	137	4	0	8	7	1	71	0	0	261	3,882	52	0	0	0	4	0	2	21	4,905
254	6	0	239	7	1,229	301	0	19	15	86	23	0	0	178	20,641	140	0	2	0	9	0	0	465	23,614
255	0	49	3	1	2	39	5	155	36	0	640	0	0	447	483	7	0	0	0	119	1	182	134	2,558
256	0	56	0	2	0	0	0	5	8	0	10	0	0	63	375	4	10	0	23	308	0	153	363	1,636
257	0	18	0	0	0	3	0	2	12	0	5	0	0	83	506	1	2	0	5	175	0	131	194	1,394
258	0	25	0	0	13	1	4	1,172	5	0	972	0	0	64	1,215	13	1	0	2	84	0	24	57	3,910
259	0	7	0	0	0	2	1	562	2	0	289	0	0	17	79	1	3	0	10	79	0	0	28	1,339
260	0	6	0	0	0	0	12	234	0	0	458	0	0	10	38	0	1	0	32	169	0	0	24	1,244
261	0	15	0	0	0	0	27	450	1	0	269	0	0	0	7	10	1	0	9	125	0	0	23	1,198
262	0	18	0	0	0	0	0	24	0	0	10	0	0	93	518	0	29	0	11	9	0	0	1,878	2,852
263	0	3	0	0	0	1	1	376	1	0	997	0	0	89	289	3	8	0	3	3	0	0	1,911	3,948

Table 2: Catch summary (lbs.) of important species by haul from the Northeast Fisheries Science Center's Fall Bottom Trawl Survey, September 10, 2023 - November 16, 2023.

Station	Acadian Redfish	American Lobster	American Plaice	Atlantic Cod	Atlantic Herring	Atlantic Mackerel	Bluefish	Butterfish	Goosefish	Haddock	Longfin Squid	Northern Shortfin Squid	Pollock	Red Hake	Silver Hake	Spiny Dogfish	Summer Flounder	White Hake	Windowpane	Winter Flounder	Witch Flounder	Yellowtail Flounder	Other	Total
264	0	0	0	0	0	0	1	57	0	0	448	0	0	0	38	1	3	0	41	12	0	1	660	1,526
265	0	0	0	0	0	0	0	1,776	0	0	365	0	0	0	286	6	5	0	83	3	0	0	1,280	4,069
266	0	0	0	0	0	0	0	198	0	0	258	0	0	14	457	5	12	0	191	7	0	0	1,279	2,687
267	0	0	0	0	0	0	0	1,467	0	0	309	0	0	13	2,993	1	5	2	220	13	0	0	607	5,897
268	0	0	0	0	0	0	0	100	0	0	6	0	0	12	76	17	4	13	156	0	0	0	984	1,636
269	0	0	0	0	0	0	0	44	0	0	131	0	0	0	7	16	1	0	8	0	0	0	42	518
272	0	0	0	0	0	0	0	713	0	0	908	0	0	205	4,143	225	5	0	0	0	0	0	379	6,850
273	0	0	0	0	0	0	0	43	0	0	54	0	0	0	33	10	6	0	105	0	0	0	699	1,223
274	0	1	0	0	0	1	0	82	0	0	175	0	0	0	48	20	0	0	11	0	0	0	87	699
275	0	0	0	0	0	1	0	874	0	0	1,483	0	0	0	192	79	2	0	70	0	0	2	189	3,167
277	0	2	0	0	0	5	0	33	0	0	2,542	1	0	24	162	466	0	0	0	0	0	0	274	3,786
278	0	74	0	95	1	0	1	0	1	0	9	0	0	0	9	214	0	0	0	31	0	1	943	1,657
279	0	0	0	0	0	0	0	138	0	0	287	0	0	0	1	1,012	0	0	14	0	0	0	1,503	3,234
280	0	2	0	0	0	0	0	699	0	0	430	0	0	2	43	403	0	0	8	0	0	0	284	2,151
281	0	0	0	0	4	7	0	2	0	0	9	0	0	26	249	924	0	0	1	1	1	0	108	1,613

Table 2: Catch summary (lbs.) of important species by haul from the Northeast Fisheries Science Center's Fall Bottom Trawl Survey, September 10, 2023 - November 16, 2023.

Station	Acadian Redfish	American Lobster	American Plaice	Atlantic Cod	Atlantic Herring	Atlantic Mackerel	Bluefish	Butterfish	Goosefish	Haddock	Longfin Squid	Northern Shortfin Squid	Pollock	Red Hake	Silver Hake	Spiny Dogfish	Summer Flounder	White Hake	Windowpane	Winter Flounder	Witch Flounder	Yellowtail Flounder	Other	Total	
282	2	2	1	0	0	0	0	1	5	1	0	0	0	87	435	3	0	0	0	0	0	0	0	94	913
283	0	5	0	0	1	5	0	0	4	1	0	0	0	40	194	580	0	2	0	0	0	0	0	341	1,456
284	0	4	0	0	5	3	0	96	1	0	7	0	0	13	1,665	910	1	0	26	1	0	0	280	3,296	
285	0	2	0	0	0	1	0	305	0	0	281	0	0	35	42	490	0	39	40	0	0	0	3,089	4,609	
286	0	92	0	0	0	5,674	0	192	5	0	76	1	0	396	122	1,932	0	0	1	24	0	0	166	8,967	
287	0	0	0	0	0	60,454	0	29	1	0	31	0	0	1	4	2	0	0	0	0	0	0	65	60,874	
288	0	0	0	0	10	1	0	0	2	1	29	0	0	37	1,382	8	0	0	0	1	0	0	958	2,717	
289	5	1	0	0	10	0	0	0	5	1	1	1	0	440	892	0	0	3	0	0	4	0	46	1,698	
290	10	5	1	1	21	0	0	0	3	12	0	0	0	248	593	3	0	1	0	0	5	0	52	1,245	
291	7	2	2	0	416	1	0	0	8	1	0	1	0	167	1,429	3	0	1	0	0	0	0	9	2,338	
292	2	1	2	0	61	0	0	0	14	1	0	0	0	300	6,248	0	0	1	0	0	5	0	43	6,970	
293	15	3	1	0	42	0	0	1	29	1	0	0	0	390	5,262	1	0	2	0	0	21	0	60	6,121	
294	0	4	0	0	342	1	0	0	1	1	4	3	0	182	1,512	0	0	2	0	3	0	0	1,090	3,439	
295	55	4	0	0	3	1	0	0	0	89	0	0	6	48	955	6	0	1	0	0	0	0	180	1,643	

Table 2: Catch summary (lbs.) of important species by haul from the Northeast Fisheries Science Center's Fall Bottom Trawl Survey, September 10, 2023 - November 16, 2023.

Station	Acadian Redfish	American Lobster	American Plaice	Atlantic Cod	Atlantic Herring	Atlantic Mackerel	Bluefish	Butterfish	Goosefish	Haddock	Longfin Squid	Northern Shortfin Squid	Pollock	Red Hake	Silver Hake	Spiny Dogfish	Summer Flounder	White Hake	Windowpane	Winter Flounder	Witch Flounder	Yellowtail Flounder	Other	Total
296	129	2	0	0	3	0	0	0	0	0	0	0	0	133	915	74	0	2	0	0	5	0	20	1,579
297	3	12	0	0	2	0	0	0	1	0	0	0	0	41	197	25	0	5	0	0	0	0	33	616
298	76	1	0	0	0	2	0	0	2	18	0	0	0	88	248	23	0	7	0	0	9	0	25	797
299	115	0	0	0	2	4	0	0	20	0	0	0	0	126	351	7	0	3	0	0	24	0	56	1,007
302	14	20	0	0	1	1	0	0	2	1	0	1	0	56	247	271	0	3	0	0	3	0	77	999
303	0	7	2	0	0	0	0	0	2	0	0	14	0	10	835	0	0	8	0	0	0	0	58	1,239
304	5	0	0	0	0	0	0	0	1	1	0	5	0	11	491	50	0	1	0	0	0	0	65	934
305	0	0	0	0	0	0	0	0	5	0	0	0	0	7	629	0	0	0	0	0	0	0	74	1,020
306	10	14	0	0	0	0	0	0	0	0	0	0	1	40	570	0	0	4	0	0	1	0	118	1,064
307	17	2	0	1	1	3	0	0	5	0	0	1	0	47	420	221	0	3	0	0	13	0	30	1,071
308	271	2	0	0	2	0	0	0	1	33	0	0	0	38	62	154	0	15	0	0	1	0	42	929
309	22	0	4	0	2	1	0	0	1	9	0	1	0	56	2,599	20	0	20	0	0	1	0	16	3,061
310	16	4	1	0	0	4	0	0	6	2	0	1	0	47	1,595	25	0	18	0	0	2	0	24	2,055
311	17	4	42	0	26	8	0	0	2	46	0	0	1	160	715	96	0	8	0	4	36	0	173	1,649
312	7	4	1	0	5	3	0	0	11	4	0	0	1	130	428	37	0	3	0	0	30	0	26	1,002

Table 2: Catch summary (lbs.) of important species by haul from the Northeast Fisheries Science Center's Fall Bottom Trawl Survey, September 10, 2023 - November 16, 2023.

Station	Acadian Redfish	American Lobster	American Plaice	Atlantic Cod	Atlantic Herring	Atlantic Mackerel	Bluefish	Butterfish	Goosefish	Haddock	Longfin Squid	Northern Shortfin Squid	Pollock	Red Hake	Silver Hake	Spiny Dogfish	Summer Flounder	White Hake	Windowpane	Winter Flounder	Witch Flounder	Yellowtail Flounder	Other	Total
313	26	20	2	2	8	10	0	0	8	63	0	0	1	113	1,727	79	0	2	0	18	8	0	468	2,868
314	1,673	15	1	3	8	12	0	0	1	352	0	0	16	53	88	176	0	10	0	0	3	0	344	3,069
316	3	33	55	0	0	0	0	1	16	0	0	0	0	315	1,506	23	0	62	0	19	29	3	74	2,455
318	1	6	73	0	1	0	0	2	9	1	0	0	0	198	465	6	0	19	0	0	70	0	45	1,214
319	1	4	175	0	1	1	0	1	10	0	0	0	0	229	315	24	0	13	0	0	134	0	242	1,469
320	0	464	6	0	2	2	0	34	9	0	0	1	0	140	1,128	1	0	28	1	13	4	26	18	2,197
321	247	57	0	59	0	0	0	3	2	485	0	0	130	249	143	485	0	6	0	1	0	0	98	2,286
322	20	1	53	0	4	2	0	0	13	53	0	1	1	122	426	18	0	3	0	0	22	0	44	1,105
323	78	0	40	1	0	5	0	1	9	143	0	0	0	216	579	7	0	2	0	0	7	0	46	1,457
324	61	1	38	0	0	5	0	0	8	3	0	3	1	244	1,288	79	0	7	0	0	32	0	56	2,150
325	98	0	37	0	1	1	0	5	7	12	0	2	0	117	638	33	0	5	0	0	18	0	72	1,371
326	70	1	18	0	10	6	0	1	9	23	0	1	0	182	4,663	80	0	4	0	0	29	0	44	5,467
327	5	2	11	0	4	0	0	8	17	1	0	0	1	188	858	41	0	6	0	0	149	0	151	1,769
328	27	9	7	0	0	13	0	1	10	5	0	0	0	218	11,790	10	0	8	0	0	75	0	88	12,589

Table 2: Catch summary (lbs.) of important species by haul from the Northeast Fisheries Science Center's Fall Bottom Trawl Survey, September 10, 2023 - November 16, 2023.

Station	Acadian Redfish	American Lobster	American Plaice	Atlantic Cod	Atlantic Herring	Atlantic Mackerel	Bluefish	Butterfish	Goosefish	Haddock	Longfin Squid	Northern Shortfin Squid	Pollock	Red Hake	Silver Hake	Spiny Dogfish	Summer Flounder	White Hake	Windowpane	Winter Flounder	Witch Flounder	Yellowtail Flounder	Other	Total
329	22	12	2	0	0	0	0	0	15	0	0	0	1	321	1,433	1	0	44	0	0	46	0	90	2,316
330	35	127	6	0	6	0	0	2	8	0	0	1	0	222	2,984	0	0	33	0	36	25	1	39	3,855
331	33	456	3	0	0	1	0	8	7	0	7	0	0	291	2,401	0	0	13	1	127	17	3	45	3,744
332	0	10	1	0	22	6	0	8	8	1	0	0	0	214	660	0	0	25	0	1	2	0	42	1,332
333	2	1	0	0	9	1	0	0	17	0	0	0	0	36	1,096	110	0	14	0	0	9	0	19	1,647
334	13	4	1	0	110	14	0	2	9	0	0	0	0	13	280	22	0	5	0	0	2	0	20	829
335	1	3	14	0	10	1	0	0	8	0	1	0	0	134	2,624	16	0	5	0	0	34	0	102	3,288
336	17	4	2	0	0	4	0	0	2	16	0	0	0	82	1,442	66	0	21	0	0	4	0	25	2,021
337	95	0	1	0	4	3	0	1	9	1	0	0	0	59	1,391	64	0	1	0	0	12	0	22	2,000
338	22	1	2	0	2	2	0	0	12	3	0	1	0	60	3,716	45	0	1	0	0	19	0	71	4,295
339	48	1	18	0	7	7	0	0	8	1	0	0	0	174	2,103	11	0	4	0	0	10	0	70	2,801
340	3	0	6	0	0	15	0	0	4	6	0	0	1	71	2,153	15	0	5	0	0	1	0	40	2,660
341	55	0	57	0	1	9	0	1	7	0	0	0	0	125	759	9	0	2	0	0	14	0	98	1,478
342	1	251	3	6	5,264	16,351	0	273	0	0	101	0	0	15	95	0	0	0	0	35	0	1	301	23,039

Table 2: Catch summary (lbs.) of important species by haul from the Northeast Fisheries Science Center's Fall Bottom Trawl Survey, September 10, 2023 - November 16, 2023.

Station	Acadian Redfish	American Lobster	American Plaice	Atlantic Cod	Atlantic Herring	Atlantic Mackerel	Bluefish	Butterfish	Goosefish	Haddock	Longfin Squid	Northern Shortfin Squid	Pollock	Red Hake	Silver Hake	Spiny Dogfish	Summer Flounder	White Hake	Windowpane	Winter Flounder	Witch Flounder	Yellowtail Flounder	Other	Total
344	1	178	0	0	3	1	0	142	7	0	4	0	0	37	746	0	0	3	31	97	0	74	479	2,147
345	0	89	0	0	9	44	0	127	3	1	148	2	0	0	299	0	10	16	26	29	0	8	342	1,498
346	1	411	3	1	14	0	0	109	8	0	6	1	0	104	320	0	0	4	3	13	0	45	39	1,428
347	26	8	417	1	5	0	0	2	23	0	22	1	0	275	380	11	0	0	0	1	7	3	67	1,596
348	0	7	8	0	0	0	4	526	2	0	152	0	0	0	10	15	5	0	14	123	0	0	37	1,251
349	0	2	0	0	3	114	0	145	0	0	10	0	0	0	2,444	0	2	5	34	3	0	222	273	3,606
350	0	57	0	0	71	113	0	38	7	0	31	3	0	62	783	2	1	0	1	45	0	488	631	2,683
351	2	0	7	0	31	4	0	3	12	0	0	1	0	28	545	74	0	3	0	0	0	1	30	1,092
352	7	0	5	0	38	2	0	0	4	4	0	0	1	48	992	7	0	5	0	0	0	0	17	1,482
353	9	1	13	0	11	0	0	1	5	39	0	0	0	33	805	10	0	6	0	0	0	0	29	1,315
354	12	0	9	0	2	4	0	1	7	1	0	1	0	59	827	105	0	6	0	0	1	0	29	1,418
355	10	1	9	1	164	6	0	0	8	1	0	1	0	119	1,140	28	0	2	0	0	11	0	104	1,960
356	4	1	3	0	24	2	0	1	13	0	0	0	0	162	1,685	36	0	6	0	0	22	0	57	2,372
357	14	1	17	0	21	0	0	0	1	1	0	0	0	85	1,103	89	0	16	0	0	1	0	49	1,755
358	12	0	13	0	119	0	0	1	2	4	0	0	0	98	1,917	53	0	14	0	0	0	0	62	2,653

Table 2: Catch summary (lbs.) of important species by haul from the Northeast Fisheries Science Center's Fall Bottom Trawl Survey, September 10, 2023 - November 16, 2023.

Station	Acadian Redfish	American Lobster	American Plaice	Atlantic Cod	Atlantic Herring	Atlantic Mackerel	Bluefish	Butterfish	Goosefish	Haddock	Longfin Squid	Northern Shortfin Squid	Pollock	Red Hake	Silver Hake	Spiny Dogfish	Summer Flounder	White Hake	Windowpane	Winter Flounder	Witch Flounder	Yellowtail Flounder	Other	Total
359	14	0	20	0	98	0	0	0	5	1	0	0	0	97	1,977	75	0	8	0	0	2	0	113	2,769
360	18	1	7	0	21	2	0	0	5	1	1	1	0	83	1,271	207	0	14	0	0	6	0	34	2,032
361	0	19	0	0	16	1,252	1	1	1	0	84	0	0	0	12	3	0	0	1	13	0	27	59	1,850
362	0	0	0	0	14	1,690	2	0	2	0	89	0	0	0	1	2	0	0	3	5	0	1	23	2,194
363	1	8	0	1	9	69	0	34	2	1	152	0	0	105	163	2,026	0	0	0	0	0	18	596	3,548
365	0	2	0	5	1	44	0	11	0	0	9	0	0	2	60	206	0	0	1	49	0	6	668	1,429
366	0	6	0	0	0	7	0	6	2	0	3	0	0	104	164	125	0	0	0	22	0	14	1,697	2,516
367	0	0	0	0	0	0	0	1	4	0	1	1	0	28	159	168	0	0	0	7	0	17	631	1,384
368	0	17	0	0	3	41	0	74	1	0	191	0	0	70	388	78	0	4	1	31	0	2	210	1,479

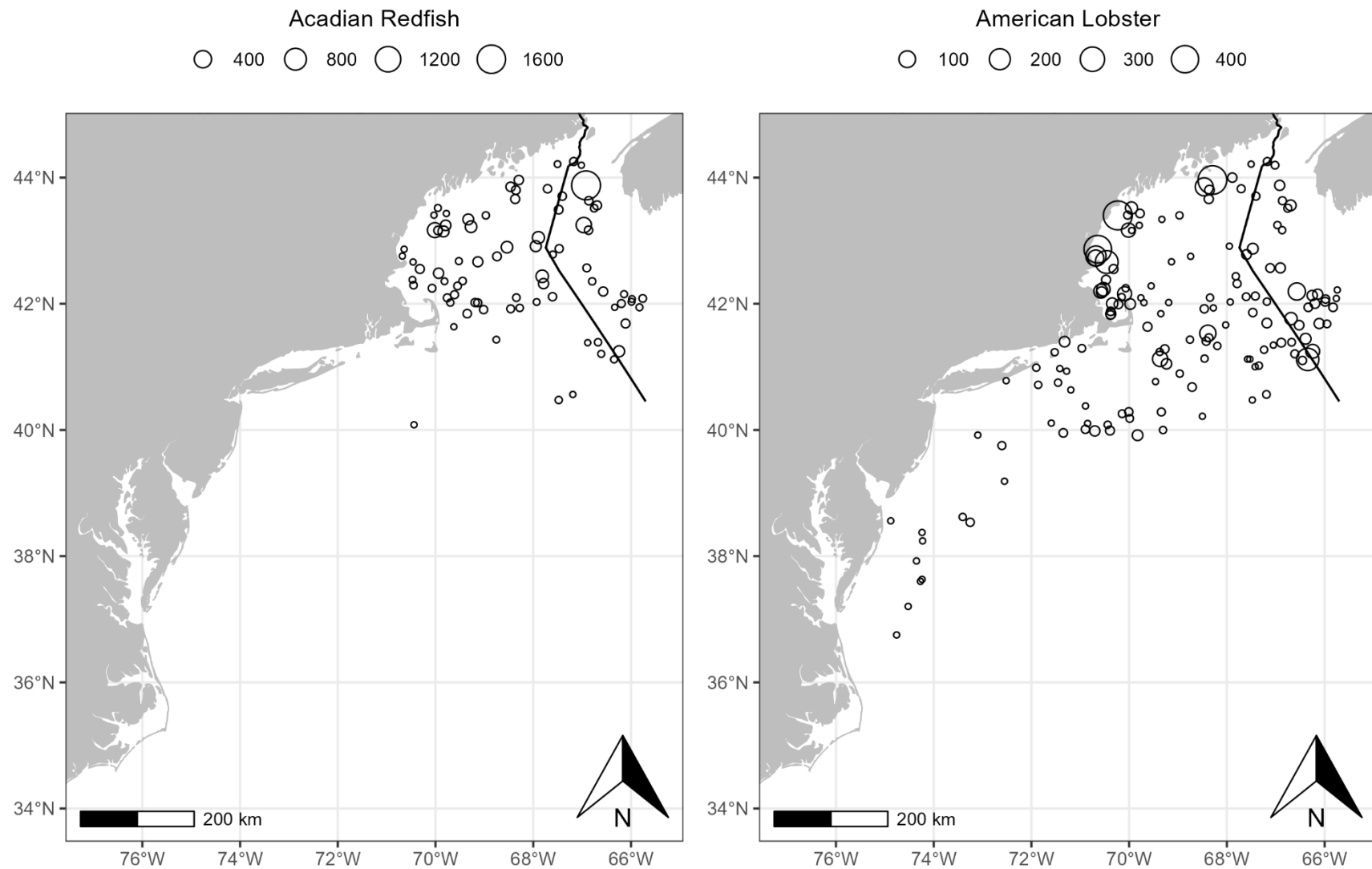


Figure 3: Total number of Acadian redfish (left) and American lobster (right) per tow from the Northeast Fisheries Science Center's Fall Bottom Trawl Survey, September 10, 2023 - November 16, 2023.

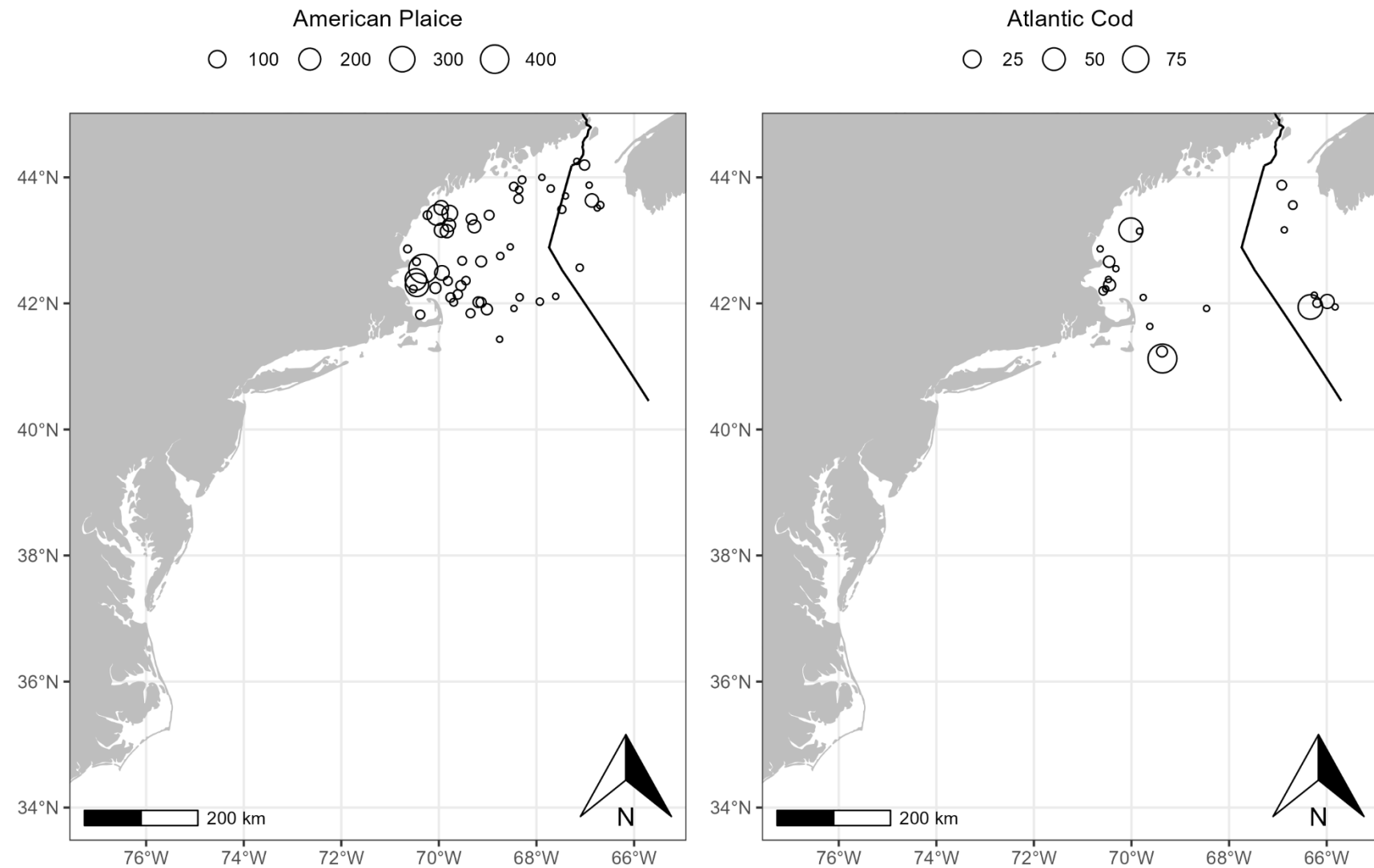


Figure 4: Total number of American plaice (left) and Atlantic cod (right) per tow from the Northeast Fisheries Science Center's Fall Bottom Trawl Survey, September 10, 2023 - November 16, 2023.

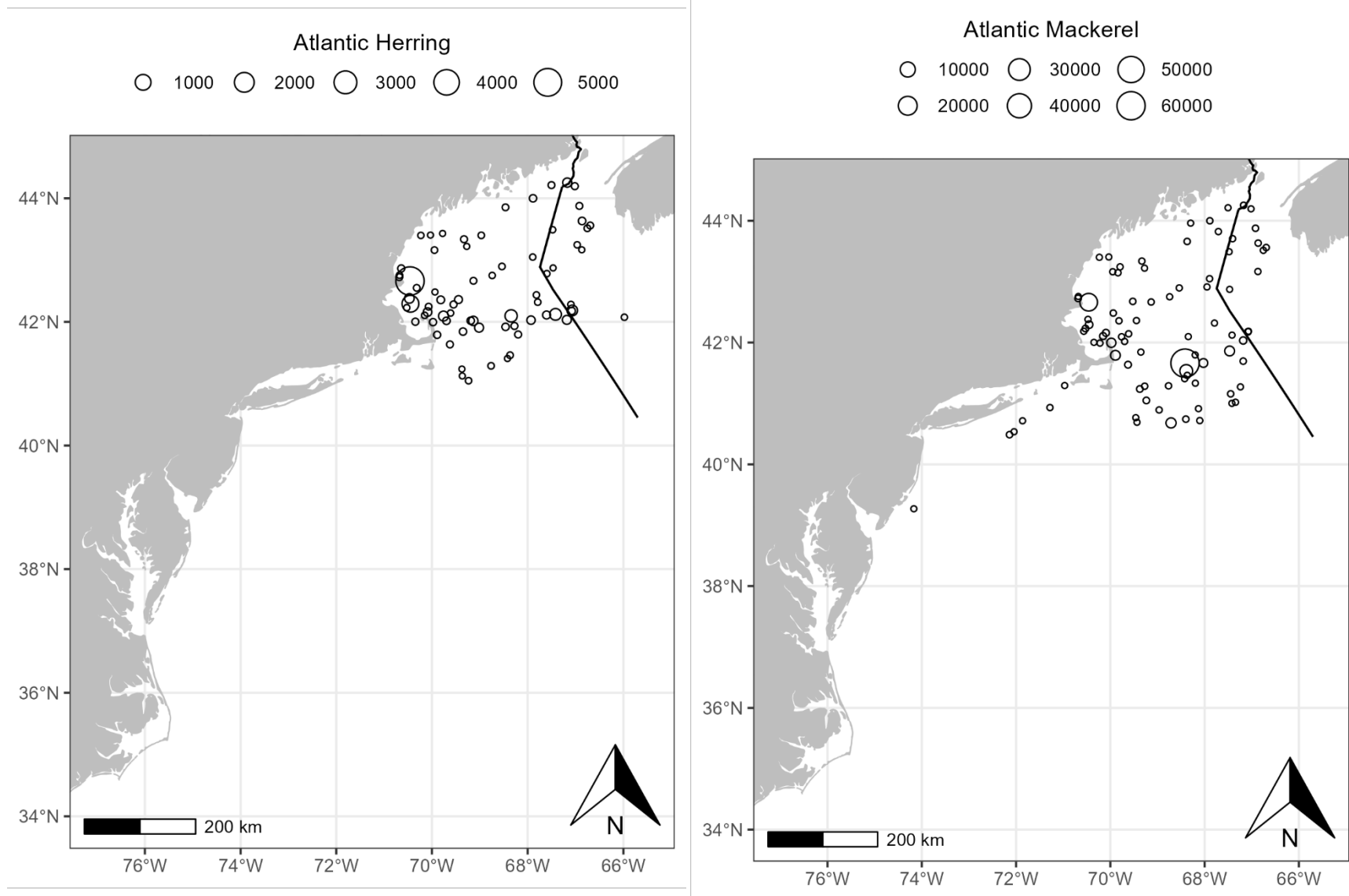


Figure 5: Total number of Atlantic herring (left) and Atlantic mackerel (right) per tow from the Northeast Fisheries Science Center's Fall Bottom Trawl Survey, September 10, 2023 - November 16, 2023.

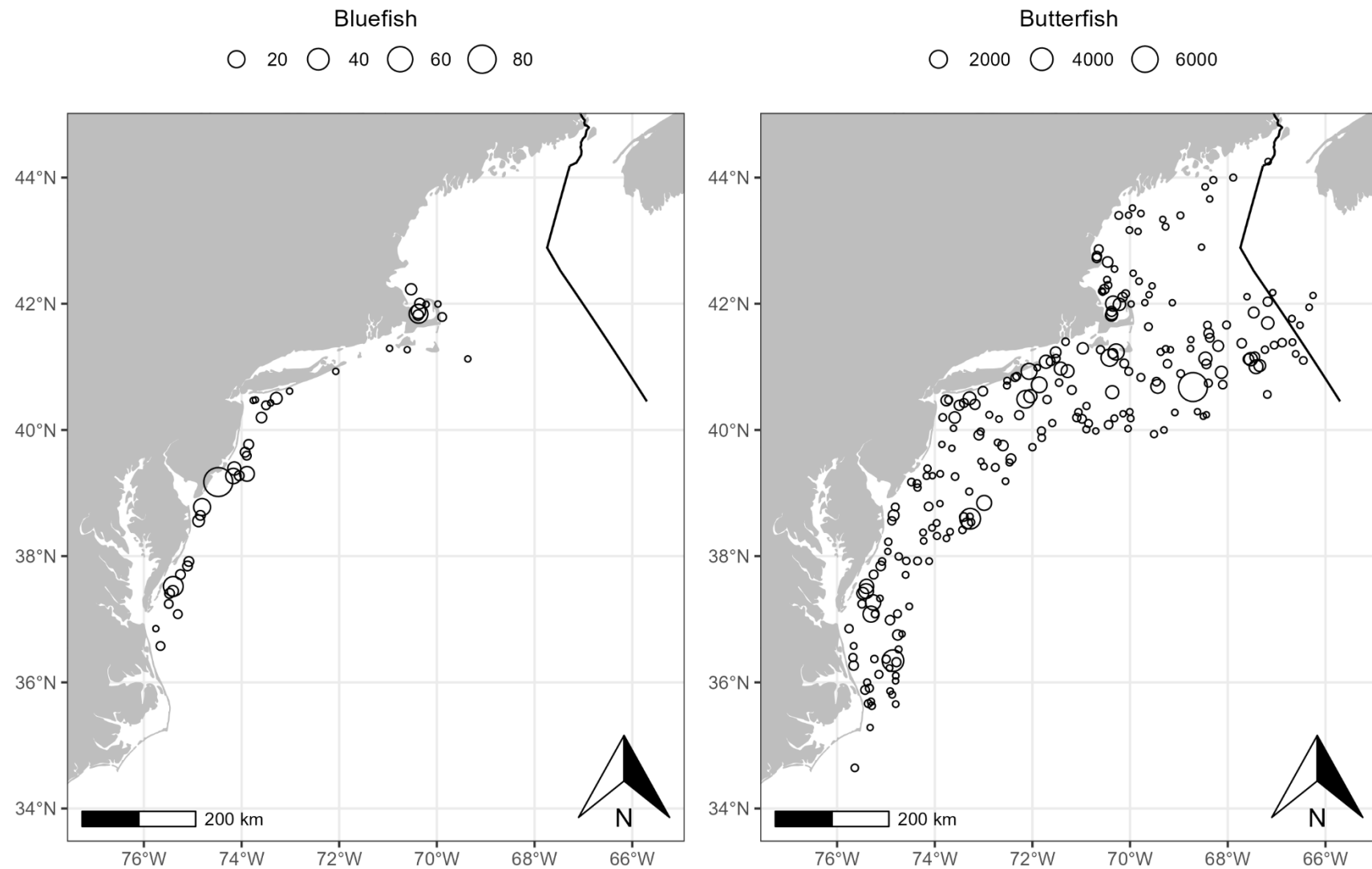


Figure 6: Total number of Bluefish (left) and Butterfish (right) per tow from the Northeast Fisheries Science Center's Fall Bottom Trawl Survey, September 10, 2023 - November 16, 2023.

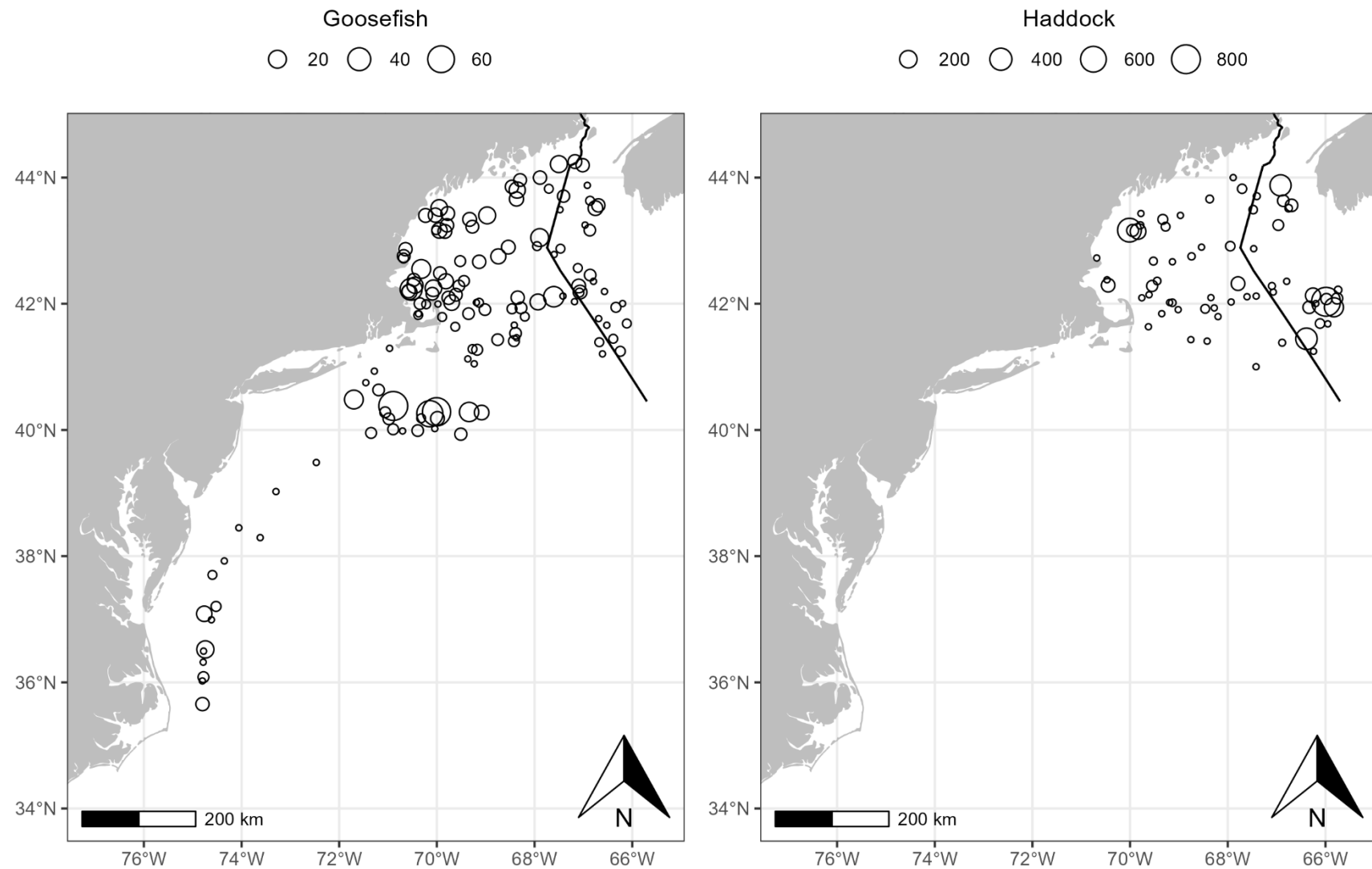


Figure 7: Total number of goosefish (left) and haddock (right) per tow from the Northeast Fisheries Science Center's Fall Bottom Trawl Survey, September 10, 2023 - November 16, 2023.

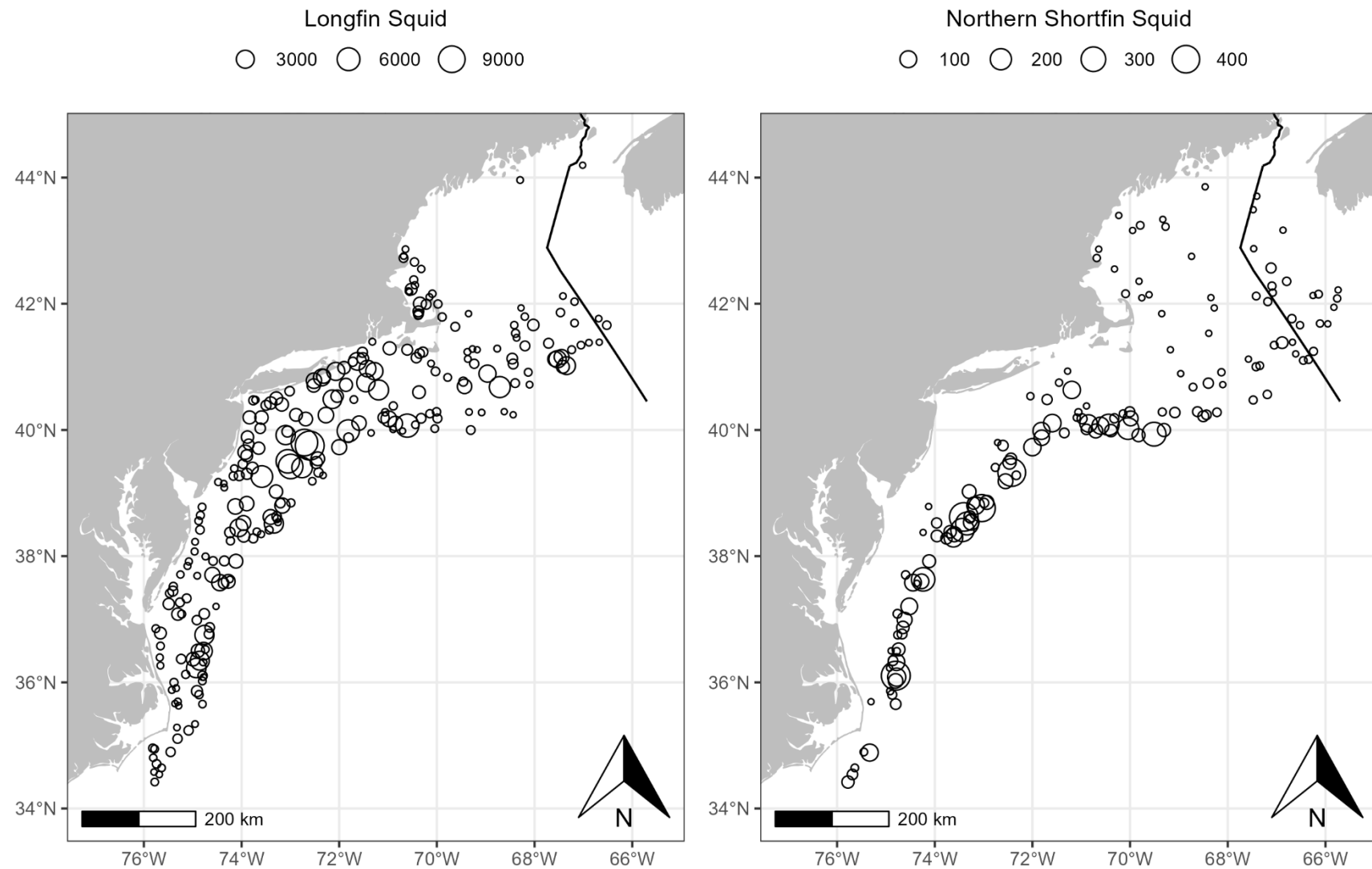


Figure 8: Total number of longfin squid (left) and shortfin squid (right) per tow from the Northeast Fisheries Science Center's Fall Bottom Trawl Survey, September 10, 2023 - November 16, 2023.

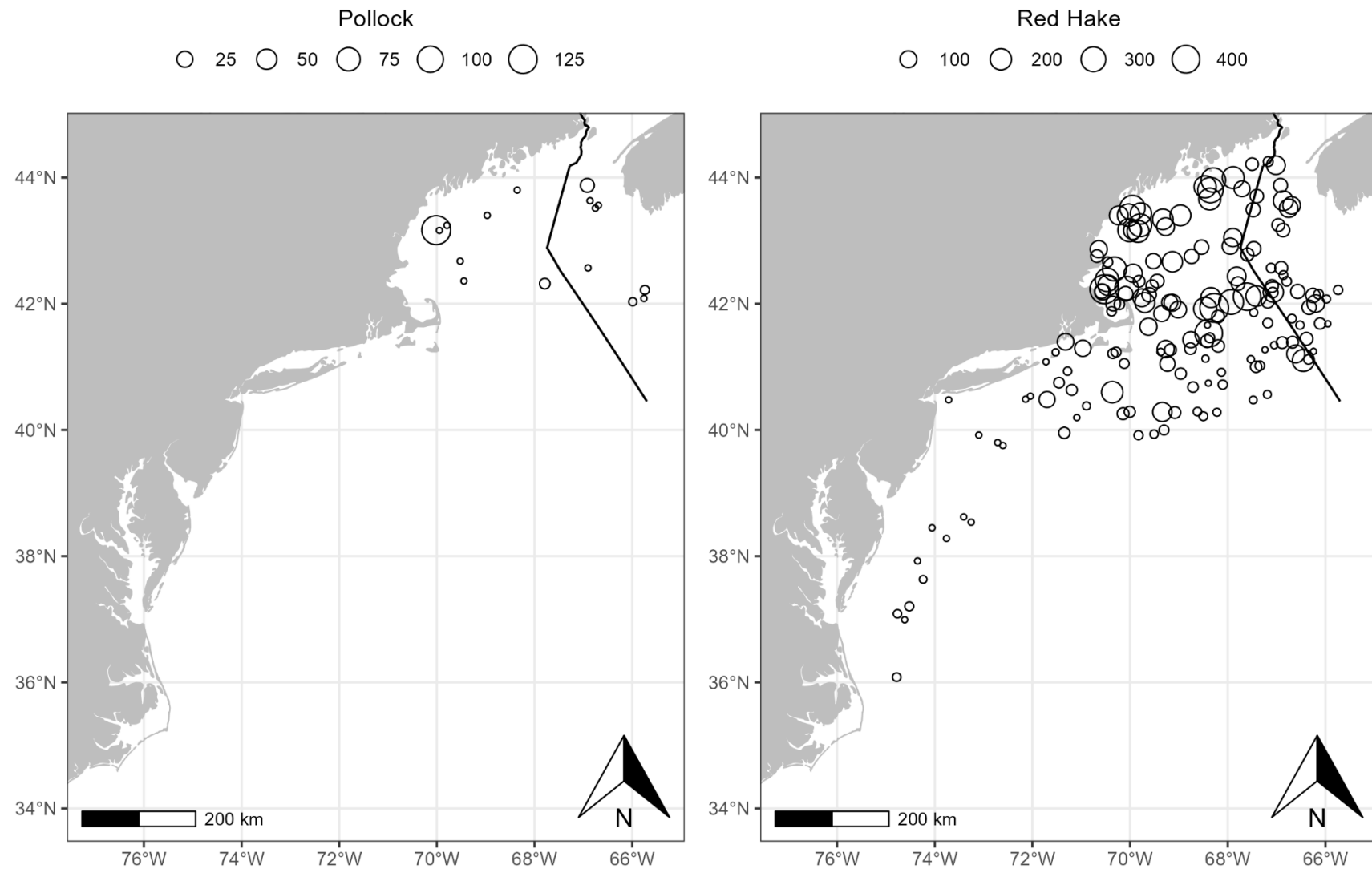


Figure 9: Total number of pollock (left) and red hake (right) per tow from the Northeast Fisheries Science Center's Fall Bottom Trawl Survey, September 10, 2023 - November 16, 2023.

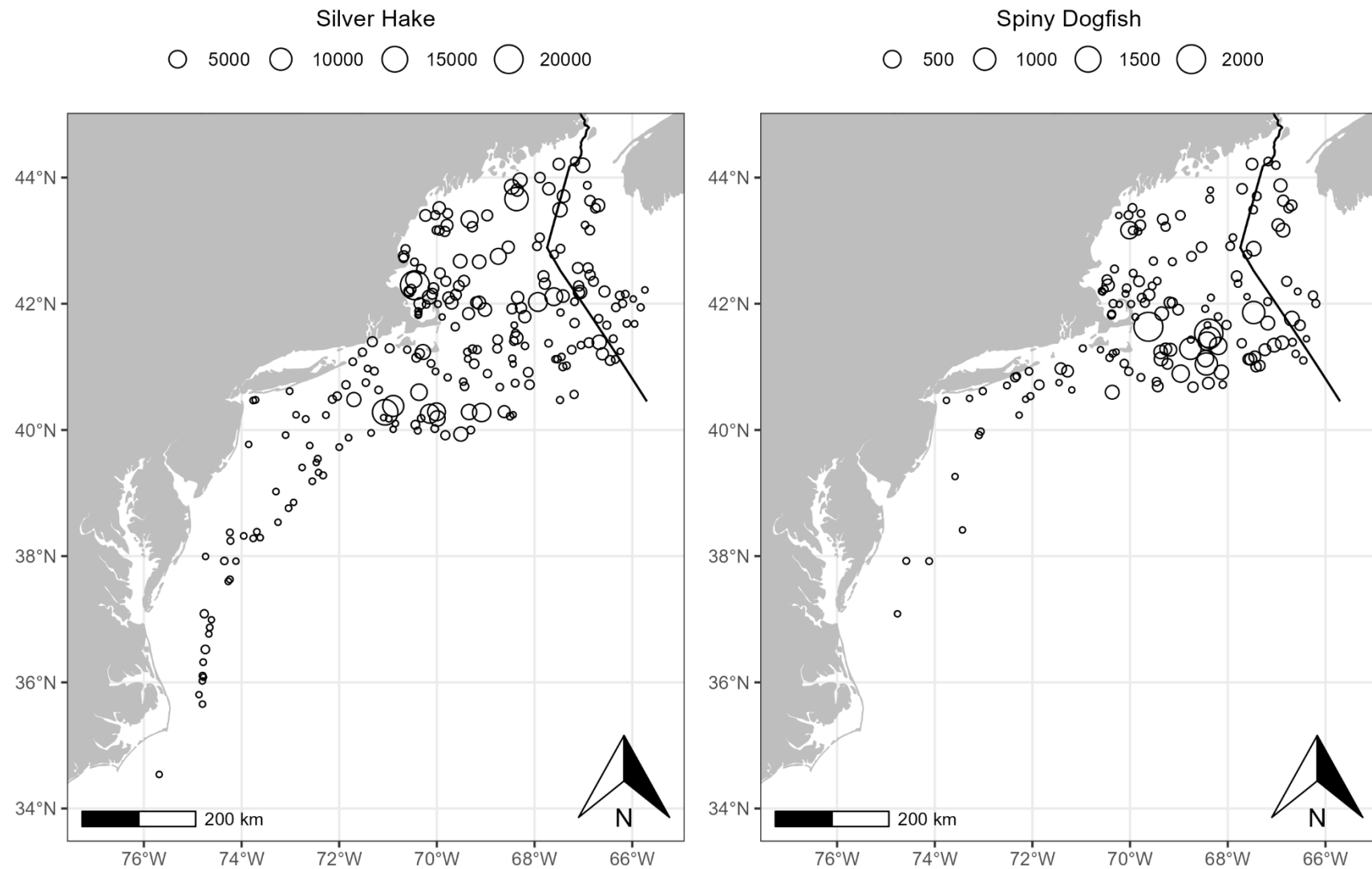


Figure 10: Total number of silver hake (left) and spiny dogfish (right) per tow from the Northeast Fisheries Science Center's Fall Bottom Trawl Survey, September 10, 2023 - November 16, 2023.

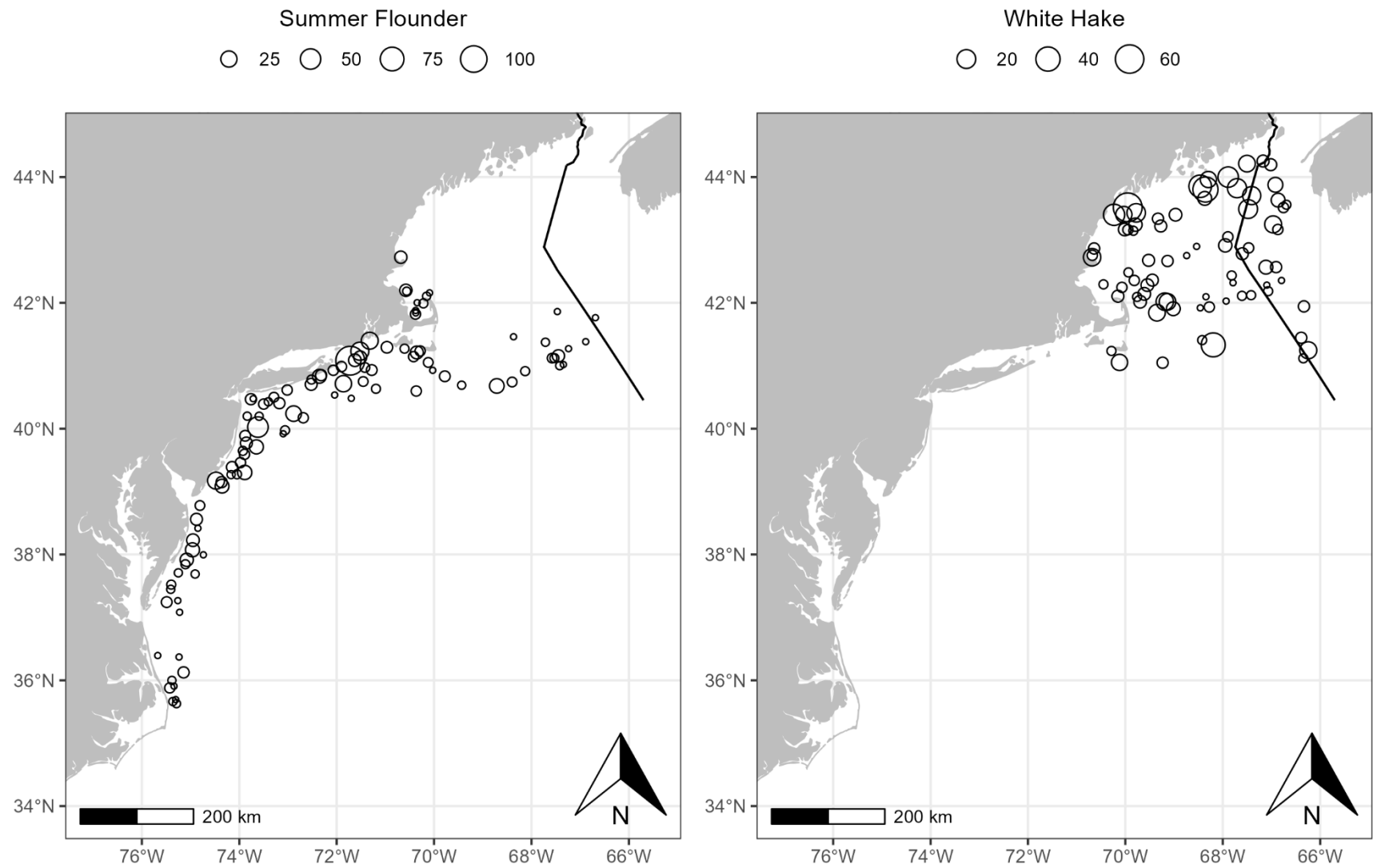


Figure 11: Total number of summer flounder (left) and white hake (right) per tow from the Northeast Fisheries Science Center's Fall Bottom Trawl Survey, September 10, 2023 - November 16, 2023.

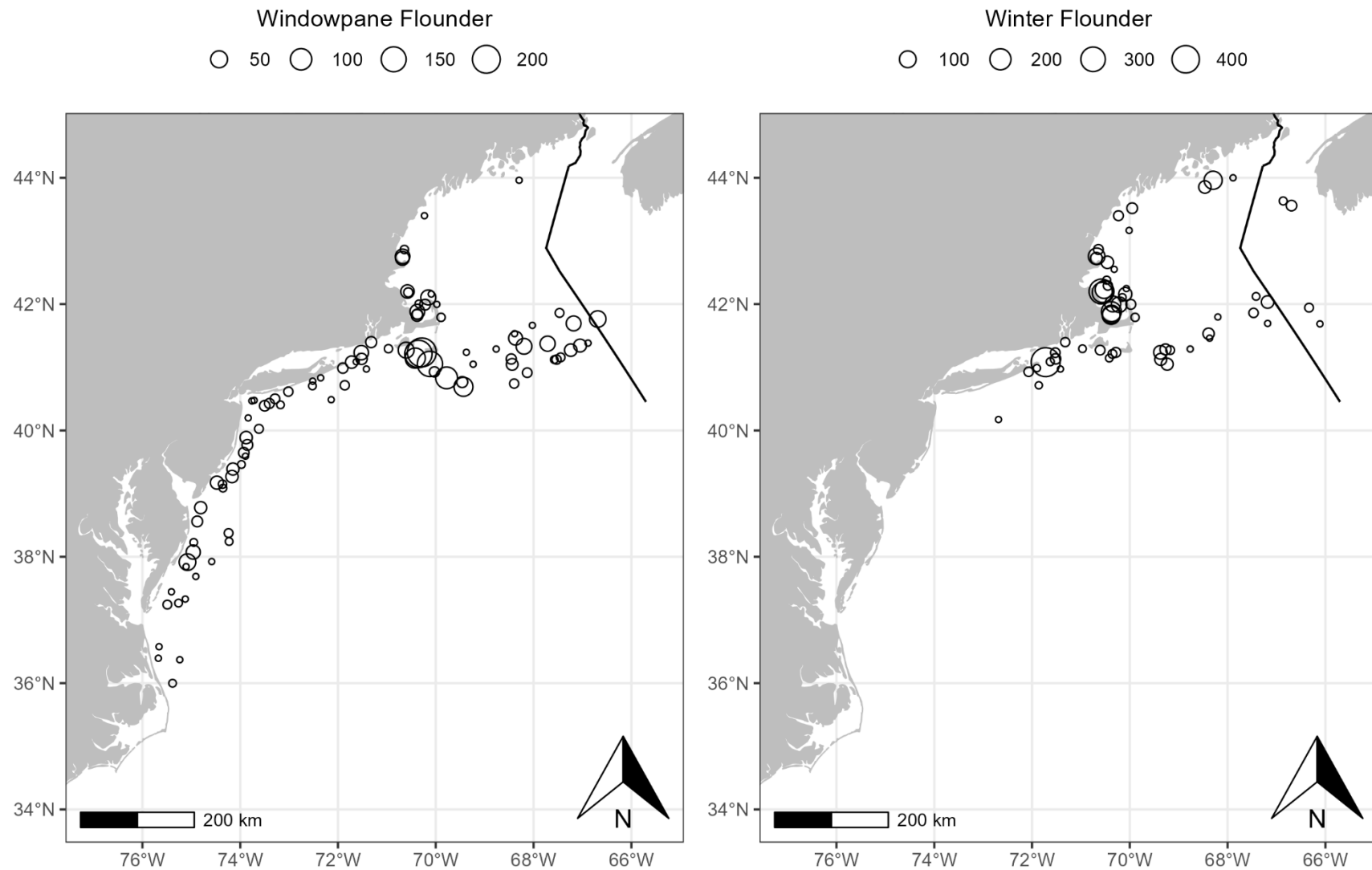


Figure 12: Total number of windowpane flounder (left) and winter flounder (right) per tow from the Northeast Fisheries Science Center's Fall Bottom Trawl Survey, September 10, 2023 - November 16, 2023.

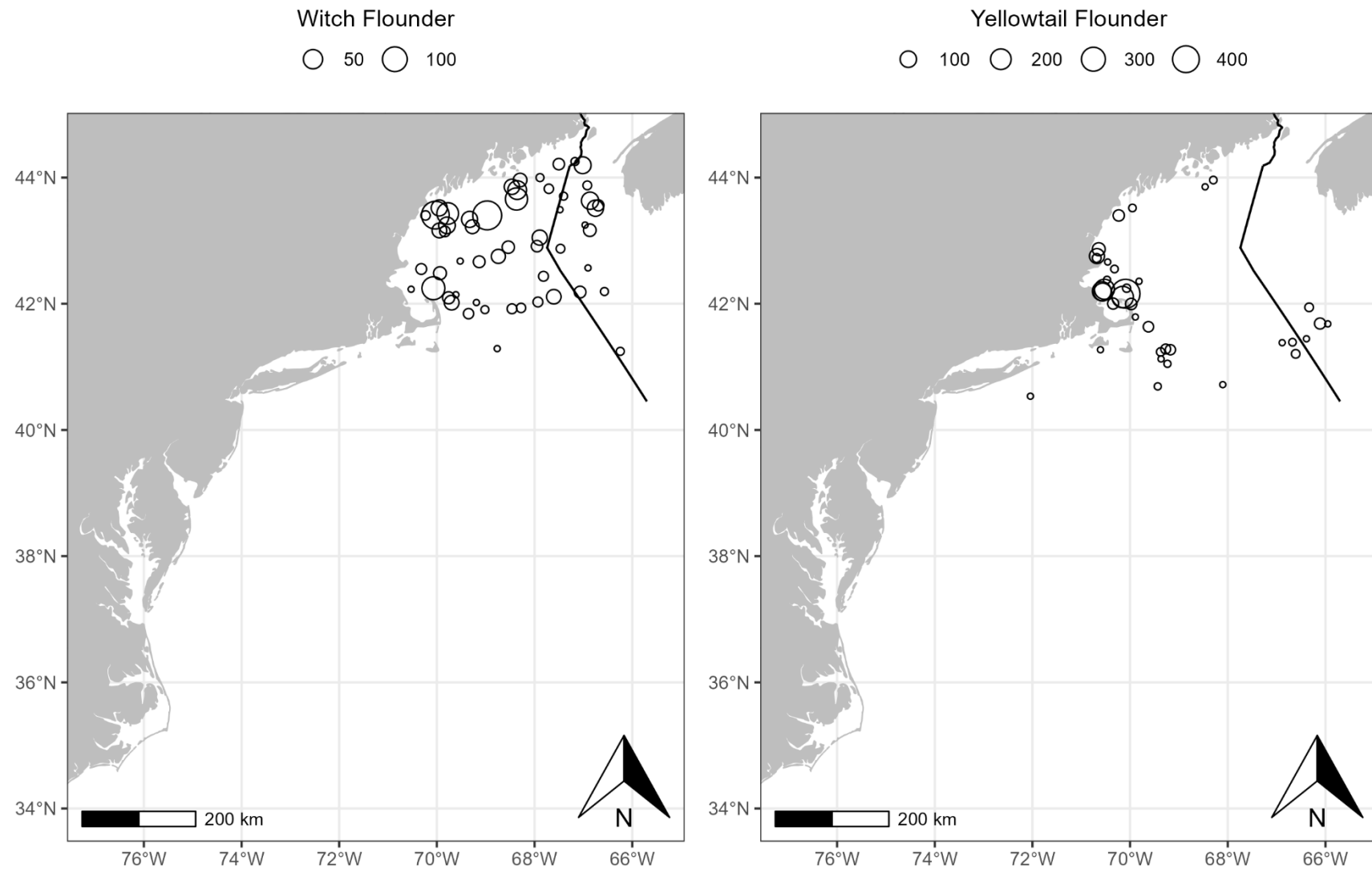


Figure 13: Total number of witch flounder (left) and yellowtail flounder (right) per tow from the Northeast Fisheries Science Center's Fall Bottom Trawl Survey, September 10, 2023 - November 16, 2023.