

2022 Spring Resource Survey Report

Bottom Trawl Survey

Cape Hatteras - Gulf of Maine

04 March - 11 May 2022

NOAA Ship Henry B. Bigelow (FSV 225)

Submitted to: NOAA, NEFSC

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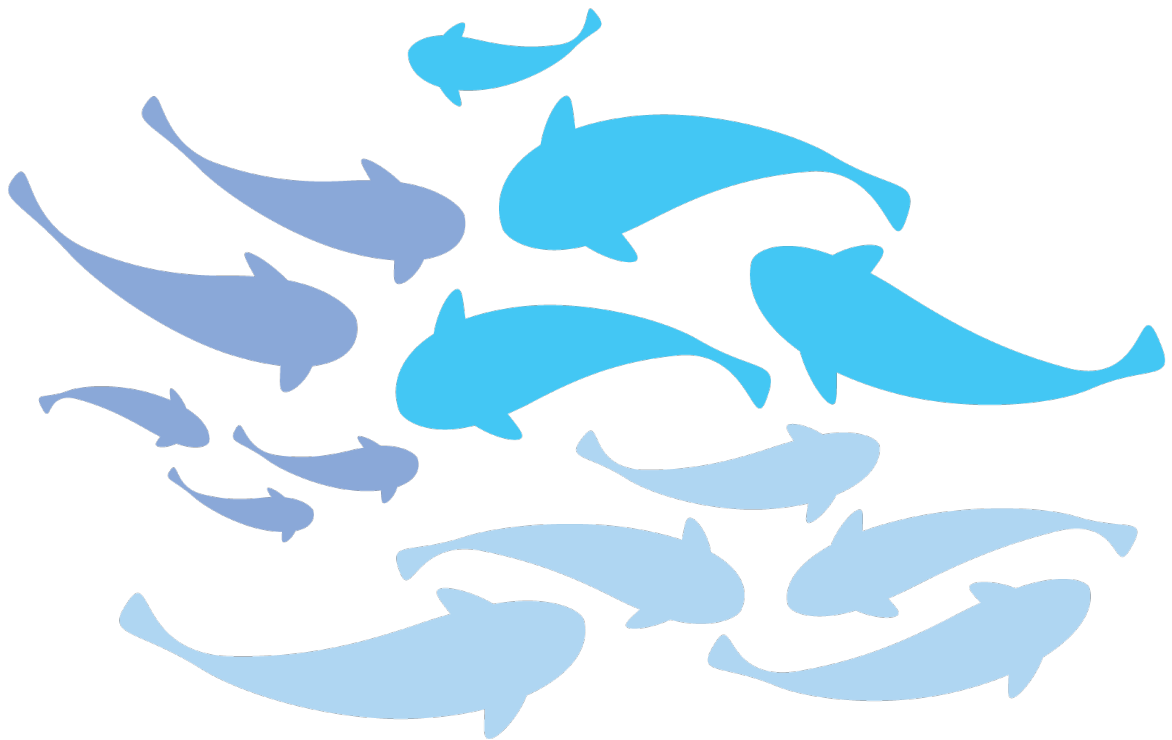
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Significant Changes to the NEFSC Multispecies Bottom Trawl Survey

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

Catch Summary

NOAA Fisheries
Northeast Fisheries Science Center

Spring Multispecies Bottom Trawl Survey
Cape Hatteras - Gulf of Maine
04 March - 11 May 2022

The Northeast Fisheries Science Center has completed the 2022 autumn multispecies bottom trawl survey aboard NOAA Ship *Henry B. Bigelow*. A total of 364 representative stations were sampled during March 04 - May 11, 2022.

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 the regional fish stock assessments helping to inform fishery management decisions by the New England and Mid-Atlantic Fisheries Management Councils as well as Atlantic States Marine Fisheries Commission. Additionally, vertical profiles of temperature and salinity were collected at trawl stations. Plankton were also sampled at a subset of stations, with 113 Bongo samples taken of 116.

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) 2022 spring 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](#).

Because of the 20-minute tow duration, and random selection of station locations, catches **cannot be compared with commercial tows**. Also, vessel operations are on a 24-hour basis and catches have not been adjusted for day/night differences. Nevertheless, these data can provide useful information about the distribution and relative abundance of species inhabiting the survey area (Cape Hatteras to the Gulf of Maine).

For further information, contact:

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To view this report, go to the [Ecosystems Surveys Branch website](#) and choose:

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

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

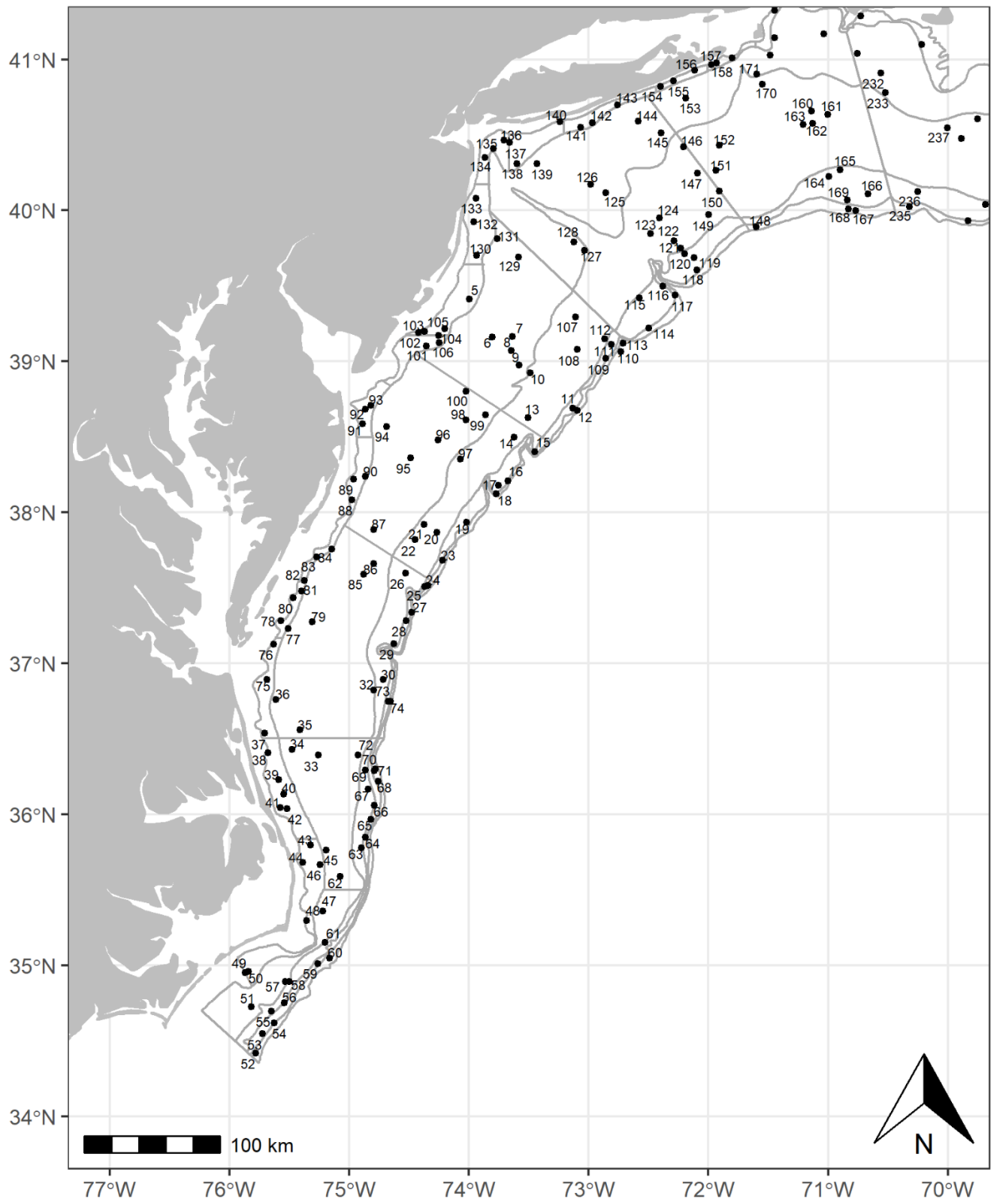


Figure 1. Representative trawl hauls made from NOAA Ship Henry B. Bigelow during the Northeast Fisheries Science Center's Spring Bottom Trawl Survey, March 04, 2022 - May 11, 2022.

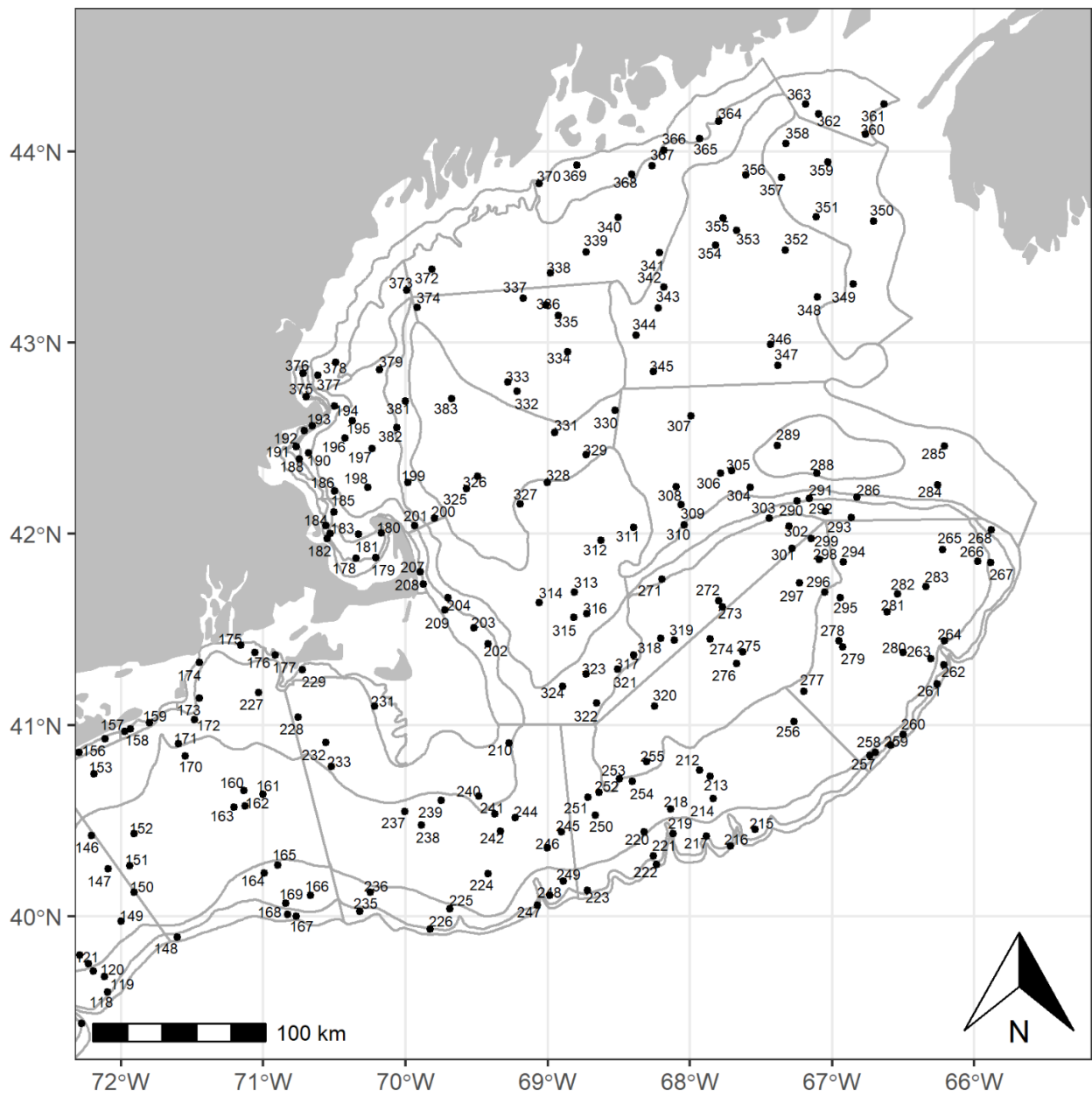


Figure 2. Representative trawl hauls made from NOAA Ship Henry B. Bigelow during the Northeast Fisheries Science Center’s Spring Bottom Trawl Survey, March 04, 2022 - May 11, 2022.

Table 1. Station report of valid hauls from the Northeast Fisheries Science Center's Spring Bottom Trawl Survey, March 04, 2022 - May 11, 2022 .

Station	Date	Time	Begin Longitude	Begin Latitude	End Longitude	End Latitude	Mean Depth	Tow Duration	Tow Distance (nm)
5	04-Mar-2022	06:18:06	-73.99600	39.41217	-73.99633	39.42850	25	19.89	0.979
6	04-Mar-2022	09:23:50	-73.80567	39.16233	-73.79533	39.17600	40	20.10	0.951
7	04-Mar-2022	12:41:55	-73.63567	39.16417	-73.62267	39.17667	38	19.91	0.964
8	04-Mar-2022	14:22:11	-73.64667	39.07350	-73.62933	39.08267	48	19.90	0.979
9	04-Mar-2022	16:16:28	-73.58250	38.97600	-73.56350	38.98417	51	20.05	1.015
10	04-Mar-2022	17:54:27	-73.48767	38.92500	-73.47967	38.94033	58	20.02	0.992
11	04-Mar-2022	21:14:09	-73.13417	38.68983	-73.11833	38.70083	142	20.00	0.994
12	04-Mar-2022	23:02:57	-73.09583	38.67550	-73.08333	38.68850	225	19.96	0.976
13	05-Mar-2022	01:44:30	-73.50767	38.62767	-73.52767	38.63350	70	20.05	1.003
14	05-Mar-2022	03:37:48	-73.62383	38.49800	-73.63483	38.51217	70	19.89	0.995
15	05-Mar-2022	06:47:37	-73.44950	38.40217	-73.43350	38.41333	113	19.89	1.009
16	05-Mar-2022	09:48:30	-73.67533	38.20733	-73.66450	38.22083	311	19.98	0.958
17	05-Mar-2022	12:12:39	-73.75450	38.17817	-73.74467	38.19283	122	19.90	0.995
18	05-Mar-2022	14:27:08	-73.77033	38.12250	-73.75733	38.13417	258	19.88	0.932
19	05-Mar-2022	17:57:18	-74.01850	37.93533	-74.00400	37.94717	146	20.05	0.988
20	05-Mar-2022	20:19:47	-74.26667	37.86683	-74.25650	37.88150	78	20.00	1.003
21	05-Mar-2022	21:50:40	-74.37633	37.92133	-74.39433	37.91333	61	19.98	0.980
22	05-Mar-2022	23:20:13	-74.45150	37.81933	-74.45033	37.80267	60	20.09	1.000
23	06-Mar-2022	01:37:11	-74.22117	37.68100	-74.22900	37.66567	192	20.00	0.992
24	06-Mar-2022	03:37:50	-74.34217	37.51600	-74.35433	37.50333	189	19.87	0.956
25	06-Mar-2022	05:04:55	-74.37133	37.50950	-74.38250	37.49633	120	19.89	0.952

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Station	Date	Time	Begin Longitude	Begin Latitude	End Longitude	End Latitude	Mean Depth	Tow Duration	Tow Distance (nm)
26	06-Mar-2022	06:53:08	-74.52783	37.59550	-74.54317	37.58500	63	19.90	0.965
27	06-Mar-2022	09:28:28	-74.47617	37.33683	-74.48667	37.32317	242	20.01	0.961
28	06-Mar-2022	10:53:45	-74.52600	37.28283	-74.53267	37.26767	135	19.99	0.963
29	06-Mar-2022	12:55:17	-74.62700	37.13133	-74.63433	37.11633	94	19.89	0.965
30	06-Mar-2022	15:09:40	-74.71333	36.89167	-74.72467	36.87817	83	19.88	0.976
32	06-Mar-2022	18:44:27	-74.79483	36.82367	-74.80033	36.80817	58	20.04	0.966
33	07-Mar-2022	01:19:08	-75.25533	36.39250	-75.26300	36.37767	37	19.99	0.963
34	07-Mar-2022	03:19:34	-75.47583	36.43133	-75.48633	36.41633	30	19.89	1.033
35	07-Mar-2022	05:11:34	-75.41250	36.55900	-75.42100	36.54367	29	19.88	1.006
36	07-Mar-2022	08:01:09	-75.61317	36.76117	-75.60800	36.74550	24	20.02	0.971
37	07-Mar-2022	10:02:08	-75.70517	36.53933	-75.70367	36.52267	23	20.36	1.001
38	07-Mar-2022	11:30:03	-75.67600	36.40617	-75.67217	36.39017	22	19.98	0.976
39	07-Mar-2022	13:13:10	-75.58650	36.22917	-75.59433	36.21383	27	19.89	0.994
40	07-Mar-2022	14:31:47	-75.54733	36.13517	-75.55817	36.12183	25	19.89	0.957
41	07-Mar-2022	15:51:10	-75.57517	36.04550	-75.57783	36.02900	20	20.05	0.997
42	07-Mar-2022	17:43:18	-75.51767	36.03717	-75.50833	36.02300	24	20.03	0.963
43	07-Mar-2022	20:15:32	-75.32350	35.79617	-75.31567	35.78083	30	20.02	0.995
44	08-Mar-2022	00:32:28	-75.38717	35.68133	-75.39117	35.66550	27	20.00	0.968
45	08-Mar-2022	03:20:53	-75.19250	35.76267	-75.20950	35.75433	36	19.88	0.969
46	08-Mar-2022	06:19:05	-75.24383	35.66783	-75.24467	35.65100	30	20.02	1.009
47	08-Mar-2022	09:16:40	-75.22000	35.35867	-75.22267	35.37583	29	20.03	1.037

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Station	Date	Time	Begin Longitude	Begin Latitude	End Longitude	End Latitude	Mean Depth	Tow Duration	Tow Distance (nm)
48	08-Mar-2022	11:10:25	-75.35367	35.29600	-75.34867	35.31183	22	20.00	0.980
49	08-Mar-2022	15:57:55	-75.86750	34.95067	-75.86867	34.96683	23	20.03	0.970
50	08-Mar-2022	17:29:34	-75.84033	34.95817	-75.82100	34.95783	24	20.07	0.954
51	08-Mar-2022	21:15:35	-75.81583	34.72517	-75.79783	34.73183	38	19.98	0.976
52	09-Mar-2022	00:30:23	-75.78233	34.41800	-75.79367	34.40417	277	19.99	1.002
53	09-Mar-2022	03:14:10	-75.72417	34.54683	-75.73467	34.53283	170	20.02	0.987
54	09-Mar-2022	05:51:38	-75.62567	34.61717	-75.63700	34.60450	268	20.03	0.944
55	09-Mar-2022	08:05:05	-75.64800	34.69650	-75.66000	34.68317	90	20.01	0.995
56	09-Mar-2022	10:04:35	-75.54000	34.75033	-75.55200	34.73733	171	19.97	0.979
57	09-Mar-2022	13:14:53	-75.53467	34.89133	-75.54450	34.87733	59	20.02	0.969
58	09-Mar-2022	14:48:48	-75.49950	34.89367	-75.50917	34.87933	69	20.01	0.982
59	09-Mar-2022	17:49:57	-75.26367	35.01267	-75.27767	35.00183	156	20.08	0.947
60	09-Mar-2022	20:42:13	-75.16283	35.04783	-75.17367	35.03567	360	19.98	0.903
61	09-Mar-2022	22:58:27	-75.20150	35.15017	-75.18600	35.16167	70	19.98	1.028
62	10-Mar-2022	03:12:30	-75.07533	35.58950	-75.06117	35.60167	41	19.99	1.006
63	10-Mar-2022	05:31:53	-74.89850	35.77883	-74.88967	35.79433	84	20.01	1.024
64	10-Mar-2022	06:49:14	-74.86683	35.84850	-74.86567	35.86533	126	20.00	1.010
65	10-Mar-2022	08:50:00	-74.81600	35.96750	-74.81550	35.98383	128	20.02	0.979
66	10-Mar-2022	10:56:01	-74.79183	36.06083	-74.79083	36.07683	202	20.02	0.960
67	10-Mar-2022	12:54:28	-74.84250	36.16533	-74.83867	36.18083	94	20.00	0.947
68	10-Mar-2022	15:08:35	-74.75900	36.21883	-74.75983	36.23500	309	20.01	0.969

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Station	Date	Time	Begin Longitude	Begin Latitude	End Longitude	End Latitude	Mean Depth	Tow Duration	Tow Distance (nm)
69	10-Mar-2022	18:38:00	-74.86617	36.29317	-74.86183	36.30917	78	20.08	0.981
70	10-Mar-2022	20:28:44	-74.79000	36.28867	-74.79417	36.30483	136	19.99	0.989
71	10-Mar-2022	22:31:41	-74.78217	36.29967	-74.78267	36.31567	202	19.98	0.959
72	11-Mar-2022	00:37:21	-74.92483	36.39417	-74.91600	36.40833	43	20.03	0.951
73	11-Mar-2022	03:47:46	-74.67300	36.74983	-74.66817	36.76583	119	20.01	0.987
74	11-Mar-2022	05:45:55	-74.65250	36.74733	-74.65533	36.76267	246	20.00	0.929
75	13-Mar-2022	11:59:43	-75.68517	36.89417	-75.66883	36.90500	23	20.01	1.019
76	13-Mar-2022	14:21:19	-75.62950	37.12800	-75.64133	37.11517	21	20.04	0.956
77	13-Mar-2022	16:45:54	-75.51083	37.23050	-75.52233	37.21717	25	20.07	0.971
78	13-Mar-2022	18:12:24	-75.56950	37.28083	-75.58133	37.26783	20	19.99	0.963
79	13-Mar-2022	20:28:32	-75.30783	37.27650	-75.31317	37.26033	32	19.98	1.002
80	13-Mar-2022	22:45:42	-75.46967	37.43417	-75.48167	37.42100	21	20.01	0.975
81	14-Mar-2022	00:18:09	-75.39517	37.47933	-75.40083	37.46383	23	19.99	0.968
82	14-Mar-2022	01:47:04	-75.37283	37.54800	-75.39333	37.54500	23	19.99	0.995
83	14-Mar-2022	03:42:27	-75.27350	37.70517	-75.29067	37.69583	23	19.98	0.991
84	14-Mar-2022	05:22:49	-75.14633	37.75800	-75.16567	37.75233	29	19.89	0.981
85	14-Mar-2022	07:45:18	-74.87933	37.58983	-74.89433	37.57867	38	20.00	0.980
86	14-Mar-2022	09:28:04	-74.79550	37.66000	-74.80433	37.64483	45	20.03	1.002
87	14-Mar-2022	11:42:40	-74.79517	37.88450	-74.80750	37.87067	34	20.03	1.015
88	14-Mar-2022	13:53:38	-74.97517	38.08283	-74.97967	38.06683	21	19.90	0.982
89	14-Mar-2022	16:49:06	-74.96117	38.21983	-74.97483	38.20733	23	20.06	0.989

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90	14-Mar-2022	18:30:48	-74.86333	38.23667	-74.87567	38.22300	24	20.04	1.005
91	14-Mar-2022	21:23:32	-74.89000	38.58617	-74.90083	38.59983	24	19.97	0.965
92	14-Mar-2022	22:53:51	-74.86617	38.68400	-74.85450	38.66983	27	20.00	1.011
93	15-Mar-2022	00:08:34	-74.81633	38.71050	-74.82983	38.69783	18	20.00	0.989
94	15-Mar-2022	01:59:02	-74.68600	38.56900	-74.67150	38.55683	21	20.01	0.999
95	15-Mar-2022	04:03:37	-74.48600	38.36200	-74.49350	38.34733	42	19.90	0.948
96	15-Mar-2022	06:44:16	-74.25667	38.48050	-74.26850	38.46667	43	20.01	0.999
97	15-Mar-2022	08:40:30	-74.06917	38.35433	-74.08250	38.34150	63	19.98	0.994
98	15-Mar-2022	11:18:16	-74.02283	38.61350	-74.03633	38.60117	51	19.94	0.974
99	15-Mar-2022	13:15:18	-73.86283	38.64467	-73.87683	38.63167	50	19.98	1.020
100	15-Mar-2022	15:21:39	-74.02583	38.80233	-74.04517	38.79600	47	20.02	0.983
101	15-Mar-2022	18:15:51	-74.35433	39.10033	-74.37383	39.09550	25	19.98	0.956
102	15-Mar-2022	19:42:26	-74.41983	39.18850	-74.43667	39.17850	18	19.98	0.988
103	15-Mar-2022	20:57:19	-74.37167	39.19950	-74.38667	39.18817	18	19.99	0.975
104	15-Mar-2022	22:35:27	-74.20300	39.21767	-74.22133	39.20967	22	20.02	0.980
105	15-Mar-2022	23:38:42	-74.25300	39.17117	-74.26667	39.15800	20	20.09	1.015
106	16-Mar-2022	00:45:37	-74.24683	39.12400	-74.26600	39.11717	24	20.00	0.984
107	16-Mar-2022	06:48:25	-73.10817	39.29267	-73.12750	39.28533	65	20.00	1.002
108	16-Mar-2022	08:43:53	-73.09650	39.07733	-73.10967	39.06417	68	19.99	1.001
109	16-Mar-2022	12:37:43	-72.85567	39.01883	-72.86333	39.00350	113	19.93	0.987
110	16-Mar-2022	14:46:13	-72.73300	39.06567	-72.72367	39.08000	184	20.05	0.964

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Station	Date	Time	Begin Longitude	Begin Latitude	End Longitude	End Latitude	Mean Depth	Tow Duration	Tow Distance (nm)
111	16-Mar-2022	16:40:06	-72.81217	39.11217	-72.80167	39.12517	107	18.65	0.921
112	16-Mar-2022	18:01:13	-72.86567	39.15117	-72.84783	39.16083	87	20.04	1.014
113	16-Mar-2022	19:42:25	-72.71417	39.12150	-72.70650	39.13600	197	20.01	0.940
114	16-Mar-2022	21:45:58	-72.49917	39.21933	-72.48100	39.22783	194	19.98	0.989
115	16-Mar-2022	23:53:06	-72.57667	39.42000	-72.56150	39.43183	113	20.00	1.000
116	17-Mar-2022	02:37:27	-72.38217	39.49950	-72.36383	39.49483	193	19.93	0.896
117	17-Mar-2022	04:35:32	-72.27750	39.43767	-72.27183	39.42233	191	19.91	0.956
118	17-Mar-2022	06:59:48	-72.09533	39.60367	-72.07550	39.60033	153	20.00	0.941
119	17-Mar-2022	08:51:00	-72.11833	39.68500	-72.09967	39.67767	130	20.00	0.970
120	17-Mar-2022	10:40:07	-72.19600	39.71383	-72.17800	39.70550	121	19.91	0.972
121	17-Mar-2022	12:09:50	-72.22950	39.75017	-72.21000	39.74350	100	19.91	0.987
122	17-Mar-2022	13:37:13	-72.28817	39.79717	-72.27883	39.81183	85	19.91	0.979
123	17-Mar-2022	15:29:17	-72.48333	39.84767	-72.46400	39.85267	63	20.04	0.942
124	17-Mar-2022	17:00:05	-72.40800	39.95150	-72.38717	39.95233	69	20.03	0.963
125	17-Mar-2022	20:03:09	-72.85750	40.11600	-72.83567	40.11267	50	19.98	1.025
126	17-Mar-2022	21:57:48	-72.98100	40.17167	-72.95883	40.16950	49	19.99	1.028
127	18-Mar-2022	01:24:19	-73.03300	39.73567	-73.02983	39.75167	53	19.92	0.970
128	18-Mar-2022	03:07:16	-73.12200	39.79200	-73.12250	39.80800	51	19.90	0.960
129	18-Mar-2022	06:35:35	-73.58450	39.69083	-73.60550	39.69000	37	19.98	0.974
130	18-Mar-2022	08:43:29	-73.93567	39.70050	-73.95617	39.69583	23	20.03	0.990
131	18-Mar-2022	10:44:43	-73.76167	39.81317	-73.77967	39.80350	28	19.99	1.014

Table 1. Station report of valid hauls from the Northeast Fisheries Science Center's Spring Bottom Trawl Survey, March 04, 2022 - May 11, 2022 .

Station	Date	Time	Begin Longitude	Begin Latitude	End Longitude	End Latitude	Mean Depth	Tow Duration	Tow Distance (nm)
132	18-Mar-2022	12:46:38	-73.95750	39.92367	-73.95917	39.90750	20	19.90	0.972
133	18-Mar-2022	14:52:09	-73.94133	40.08050	-73.92367	40.07200	21	20.04	0.960
134	18-Mar-2022	17:34:06	-73.86733	40.35150	-73.84650	40.34933	24	20.01	0.964
135	18-Mar-2022	19:08:42	-73.79600	40.41083	-73.79783	40.39450	38	19.99	0.983
136	18-Mar-2022	20:44:33	-73.70700	40.46500	-73.70233	40.44850	26	20.00	1.012
137	18-Mar-2022	21:50:08	-73.66117	40.45133	-73.66200	40.43483	23	19.99	0.990
138	18-Mar-2022	23:24:14	-73.60050	40.31033	-73.58467	40.29917	26	20.00	0.988
139	19-Mar-2022	01:04:41	-73.43217	40.31033	-73.44100	40.29550	30	19.98	0.977
140	19-Mar-2022	04:05:35	-73.24050	40.58633	-73.22017	40.58250	21	20.03	0.957
141	19-Mar-2022	05:30:46	-73.06550	40.55100	-73.04400	40.55300	27	20.11	0.991
142	19-Mar-2022	06:46:57	-72.96733	40.58017	-72.94583	40.58017	25	20.01	0.983
143	19-Mar-2022	08:32:59	-72.75767	40.69800	-72.73617	40.69767	28	20.00	0.981
144	19-Mar-2022	10:09:06	-72.58467	40.58983	-72.56883	40.57817	39	19.91	1.007
145	19-Mar-2022	11:48:12	-72.39217	40.51483	-72.37183	40.50783	47	20.35	1.021
146	19-Mar-2022	13:26:52	-72.20717	40.42217	-72.19300	40.40967	57	19.91	0.992
147	19-Mar-2022	15:15:23	-72.09017	40.24800	-72.08767	40.23217	63	20.03	0.956
148	19-Mar-2022	19:40:32	-71.60250	39.88983	-71.62150	39.88350	257	20.01	0.956
149	19-Mar-2022	23:04:03	-71.99800	39.97250	-71.98733	39.95833	88	20.00	0.982
150	20-Mar-2022	01:24:28	-71.90800	40.12600	-71.91333	40.11017	78	20.00	0.980
151	20-Mar-2022	03:28:13	-71.93817	40.26517	-71.94767	40.25033	64	19.92	0.991
152	20-Mar-2022	05:36:03	-71.90967	40.43250	-71.91850	40.41800	68	19.91	0.959

Table 1. Station report of valid hauls from the Northeast Fisheries Science Center's Spring Bottom Trawl Survey, March 04, 2022 - May 11, 2022 .

Station	Date	Time	Begin Longitude	Begin Latitude	End Longitude	End Latitude	Mean Depth	Tow Duration	Tow Distance (nm)
153	20-Mar-2022	08:43:15	-72.18817	40.74417	-72.20467	40.73367	44	20.01	0.981
154	20-Mar-2022	10:37:07	-72.39950	40.82100	-72.41583	40.81033	25	19.90	0.981
155	20-Mar-2022	12:15:11	-72.29233	40.85817	-72.30383	40.84333	25	19.93	1.032
156	20-Mar-2022	14:07:01	-72.11267	40.92817	-72.12917	40.91717	22	19.90	0.999
157	20-Mar-2022	15:47:26	-71.97450	40.96550	-71.99383	40.95883	25	20.03	0.965
158	20-Mar-2022	17:13:09	-71.93250	40.97783	-71.95217	40.97233	24	20.06	0.953
159	20-Mar-2022	18:54:04	-71.80167	41.00983	-71.82267	41.00483	28	19.99	1.000
160	20-Mar-2022	23:39:07	-71.13733	40.65767	-71.15883	40.65800	62	20.00	0.982
161	21-Mar-2022	01:36:10	-71.00367	40.63617	-71.02383	40.64100	67	19.97	0.966
162	21-Mar-2022	03:18:24	-71.12950	40.57733	-71.14917	40.58267	69	19.92	0.954
163	21-Mar-2022	04:35:47	-71.20650	40.56950	-71.22733	40.57483	68	19.90	1.005
164	21-Mar-2022	08:12:07	-70.99417	40.22467	-71.00833	40.23667	123	20.00	0.970
165	21-Mar-2022	10:12:13	-70.89950	40.26667	-70.91333	40.27933	118	20.00	0.990
166	21-Mar-2022	12:54:10	-70.66783	40.11017	-70.68867	40.11317	129	19.95	0.976
167	21-Mar-2022	15:34:07	-70.76933	39.99800	-70.79067	39.99917	284	20.03	0.986
168	21-Mar-2022	17:35:02	-70.82783	40.00817	-70.84917	40.00800	276	20.04	0.984
169	21-Mar-2022	19:29:35	-70.84033	40.06733	-70.86117	40.07167	161	19.99	0.994
170	30-Mar-2022	16:58:45	-71.54967	40.83667	-71.57000	40.83200	62	19.99	0.967
171	30-Mar-2022	18:59:53	-71.59483	40.90200	-71.60400	40.88750	56	19.99	0.964
172	30-Mar-2022	21:42:14	-71.48167	41.02683	-71.49333	41.01217	48	20.00	1.027
173	31-Mar-2022	00:30:25	-71.44700	41.14183	-71.46067	41.13050	28	18.66	0.920

Table 1. Station report of valid hauls from the Northeast Fisheries Science Center's Spring Bottom Trawl Survey, March 04, 2022 - May 11, 2022 .

Station	Date	Time	Begin Longitude	Begin Latitude	End Longitude	End Latitude	Mean Depth	Tow Duration	Tow Distance (nm)
174	31-Mar-2022	03:09:52	-71.44650	41.32583	-71.45417	41.31117	23	20.05	0.945
175	31-Mar-2022	05:56:12	-71.15600	41.41583	-71.17317	41.40683	26	20.12	0.944
176	31-Mar-2022	08:17:21	-71.05850	41.37750	-71.07917	41.37617	27	20.00	0.937
177	31-Mar-2022	10:31:43	-70.91717	41.36550	-70.92183	41.34967	33	20.04	0.973
178	31-Mar-2022	16:53:46	-70.34517	41.87233	-70.36667	41.87067	30	20.01	0.969
179	31-Mar-2022	19:06:07	-70.20817	41.87617	-70.21800	41.86083	26	20.01	1.020
180	31-Mar-2022	21:11:53	-70.16733	42.00333	-70.17583	41.98850	33	20.00	0.967
181	31-Mar-2022	23:08:17	-70.32867	41.99850	-70.32817	41.98200	50	20.02	0.990
182	01-Apr-2022	01:39:13	-70.54983	41.97617	-70.54167	41.96117	28	20.01	0.971
183	01-Apr-2022	03:26:56	-70.52783	42.00133	-70.53033	41.98683	36	20.55	0.877
184	01-Apr-2022	06:56:54	-70.56117	42.04367	-70.56267	42.02683	31	20.00	1.012
185	01-Apr-2022	09:31:32	-70.50167	42.11267	-70.50050	42.12867	43	20.01	0.961
186	01-Apr-2022	11:11:57	-70.49900	42.22233	-70.52067	42.22333	61	20.04	0.968
188	01-Apr-2022	16:57:59	-70.74600	42.38983	-70.76150	42.40133	41	19.98	0.975
190	01-Apr-2022	20:20:20	-70.68233	42.42333	-70.70000	42.43450	64	19.99	1.032
191	01-Apr-2022	22:19:24	-70.76850	42.45517	-70.79117	42.45483	48	20.01	1.007
192	02-Apr-2022	00:31:31	-70.71083	42.53800	-70.73367	42.53850	40	20.01	1.013
193	02-Apr-2022	04:19:18	-70.65283	42.56583	-70.67033	42.55833	41	18.27	0.897
194	02-Apr-2022	07:31:39	-70.49717	42.66883	-70.51667	42.67733	86	20.02	1.002
195	02-Apr-2022	09:48:58	-70.37217	42.59133	-70.38933	42.60233	98	19.99	1.007
196	02-Apr-2022	11:58:00	-70.42317	42.50050	-70.44333	42.50667	97	20.02	0.968

Table 1. Station report of valid hauls from the Northeast Fisheries Science Center's Spring Bottom Trawl Survey, March 04, 2022 - May 11, 2022 .

Station	Date	Time	Begin Longitude	Begin Latitude	End Longitude	End Latitude	Mean Depth	Tow Duration	Tow Distance (nm)
197	02-Apr-2022	14:20:36	-70.23500	42.44583	-70.25600	42.45167	70	20.03	0.996
198	02-Apr-2022	16:59:19	-70.26433	42.24200	-70.28533	42.24817	28	20.01	1.006
199	02-Apr-2022	20:00:02	-69.98433	42.26733	-70.00450	42.25933	125	20.04	1.019
200	02-Apr-2022	23:03:16	-69.79650	42.08083	-69.81650	42.08817	180	20.02	0.996
201	03-Apr-2022	01:13:38	-69.93633	42.04200	-69.95617	42.05000	70	20.01	1.008
202	03-Apr-2022	07:07:53	-69.42050	41.42233	-69.42400	41.43867	41	18.38	0.992
203	03-Apr-2022	09:28:05	-69.51733	41.50667	-69.50900	41.49467	40	16.88	0.812
204	03-Apr-2022	13:17:28	-69.70183	41.66700	-69.71800	41.67800	67	20.04	0.982
207	03-Apr-2022	17:29:32	-69.89600	41.79950	-69.88883	41.78367	25	20.01	1.003
208	03-Apr-2022	19:13:21	-69.87567	41.73700	-69.87500	41.72100	23	20.02	0.960
209	03-Apr-2022	21:43:10	-69.72183	41.60083	-69.71433	41.58483	33	20.01	1.017
210	04-Apr-2022	03:49:23	-69.27000	40.90500	-69.26817	40.91867	54	17.49	0.824
212	04-Apr-2022	17:39:23	-67.93350	40.76300	-67.95167	40.77283	72	20.01	1.017
213	04-Apr-2022	20:25:11	-67.85650	40.73050	-67.87633	40.73917	74	19.99	1.043
214	04-Apr-2022	22:41:01	-67.83600	40.61550	-67.84617	40.60050	86	20.01	1.012
215	05-Apr-2022	01:52:09	-67.54017	40.45517	-67.55533	40.44300	137	20.02	1.007
216	05-Apr-2022	04:36:06	-67.71467	40.36533	-67.73317	40.35783	212	20.05	0.960
217	05-Apr-2022	07:28:31	-67.88183	40.41900	-67.89400	40.43317	143	19.99	1.016
218	05-Apr-2022	10:14:56	-68.13533	40.56067	-68.11517	40.55500	98	20.05	0.983
219	05-Apr-2022	13:51:46	-68.11917	40.43100	-68.12567	40.44600	268	20.05	0.947
220	05-Apr-2022	16:51:52	-68.32017	40.44033	-68.30817	40.45367	106	20.00	0.970

Table 1. Station report of valid hauls from the Northeast Fisheries Science Center's Spring Bottom Trawl Survey, March 04, 2022 - May 11, 2022 .

Station	Date	Time	Begin Longitude	Begin Latitude	End Longitude	End Latitude	Mean Depth	Tow Duration	Tow Distance (nm)
221	05-Apr-2022	19:12:20	-68.25567	40.31617	-68.23967	40.32767	154	20.01	1.007
222	05-Apr-2022	21:32:03	-68.23617	40.27083	-68.25017	40.28383	208	20.01	1.010
223	06-Apr-2022	01:10:29	-68.71933	40.13383	-68.71017	40.14900	165	20.01	1.002
224	06-Apr-2022	05:30:48	-69.41883	40.22067	-69.40017	40.21283	85	20.04	0.978
225	06-Apr-2022	08:22:00	-69.68750	40.03883	-69.66617	40.03867	120	19.99	0.983
226	06-Apr-2022	12:10:06	-69.82850	39.93267	-69.80783	39.93000	214	20.07	0.967
227	13-Apr-2022	13:23:55	-71.03400	41.17050	-71.01800	41.15917	33	20.00	0.994
228	13-Apr-2022	15:43:31	-70.75483	41.04067	-70.73650	41.03167	45	19.95	0.992
229	13-Apr-2022	18:35:25	-70.72533	41.28733	-70.70700	41.27867	26	20.01	0.979
231	13-Apr-2022	23:12:47	-70.21650	41.09783	-70.21417	41.08083	27	20.04	1.025
232	14-Apr-2022	02:12:40	-70.55817	40.90950	-70.56417	40.89317	52	20.06	1.017
233	14-Apr-2022	04:05:30	-70.51967	40.78100	-70.52717	40.76550	54	20.09	0.990
235	14-Apr-2022	10:19:08	-70.31917	40.02550	-70.33967	40.02033	223	20.02	0.994
236	14-Apr-2022	13:00:12	-70.24883	40.12417	-70.26600	40.11500	120	20.03	0.963
237	14-Apr-2022	16:53:25	-70.00400	40.54817	-70.02200	40.53867	63	19.94	1.001
238	14-Apr-2022	18:57:11	-69.88767	40.47650	-69.90083	40.46367	73	20.01	0.978
239	14-Apr-2022	21:05:56	-69.74950	40.60517	-69.76317	40.59200	61	20.02	1.007
240	14-Apr-2022	23:33:14	-69.48433	40.62783	-69.49217	40.61117	54	19.95	1.061
241	15-Apr-2022	01:29:20	-69.36933	40.53450	-69.36600	40.55083	57	20.04	0.991
242	15-Apr-2022	03:04:58	-69.33400	40.44367	-69.32667	40.45867	74	20.07	0.960
244	15-Apr-2022	06:52:04	-69.22683	40.51600	-69.20933	40.50633	74	20.00	0.989

Table 1. Station report of valid hauls from the Northeast Fisheries Science Center's Spring Bottom Trawl Survey, March 04, 2022 - May 11, 2022 .

Station	Date	Time	Begin Longitude	Begin Latitude	End Longitude	End Latitude	Mean Depth	Tow Duration	Tow Distance (nm)
245	15-Apr-2022	09:27:34	-68.90083	40.44217	-68.91650	40.43100	79	20.00	0.982
246	15-Apr-2022	11:34:06	-69.00283	40.35767	-69.01783	40.36983	87	20.01	1.003
247	15-Apr-2022	14:53:17	-69.07267	40.05717	-69.06733	40.07300	194	20.00	0.981
248	15-Apr-2022	17:03:14	-68.98500	40.10867	-69.00583	40.11267	158	19.99	0.989
249	15-Apr-2022	19:02:28	-68.88983	40.18250	-68.90833	40.17433	133	20.01	0.982
250	15-Apr-2022	22:35:58	-68.66283	40.52767	-68.68117	40.51900	72	20.01	0.987
251	16-Apr-2022	00:34:39	-68.71650	40.62183	-68.73783	40.61767	62	20.01	1.006
252	16-Apr-2022	03:23:04	-68.63767	40.64750	-68.61850	40.65450	63	20.04	0.971
253	16-Apr-2022	07:07:05	-68.49750	40.71933	-68.47633	40.72100	60	20.01	0.971
254	16-Apr-2022	08:45:46	-68.40267	40.70567	-68.39550	40.69017	63	20.02	0.985
255	16-Apr-2022	11:49:54	-68.30467	40.80783	-68.31917	40.79583	54	20.01	0.977
256	16-Apr-2022	16:58:20	-67.26867	41.01933	-67.24783	41.01517	72	19.97	0.979
257	16-Apr-2022	20:48:16	-66.73500	40.84017	-66.71483	40.84733	120	20.02	1.014
258	16-Apr-2022	22:21:41	-66.69533	40.85617	-66.67667	40.86550	126	20.01	1.017
259	17-Apr-2022	00:28:14	-66.58817	40.89683	-66.57317	40.90883	197	20.01	0.992
260	17-Apr-2022	02:53:13	-66.50150	40.95150	-66.48850	40.96383	233	20.06	0.947
261	17-Apr-2022	06:54:18	-66.26067	41.21433	-66.25383	41.22967	219	20.03	0.970
262	17-Apr-2022	09:21:16	-66.21367	41.31433	-66.20383	41.32917	147	20.02	0.994
263	17-Apr-2022	11:30:04	-66.30650	41.34767	-66.32667	41.34150	98	20.01	0.984
264	17-Apr-2022	13:28:11	-66.21083	41.43967	-66.23133	41.43300	110	20.00	1.008
265	17-Apr-2022	17:37:19	-66.22217	41.91633	-66.22950	41.93233	81	19.99	1.014

Table 1. Station report of valid hauls from the Northeast Fisheries Science Center's Spring Bottom Trawl Survey, March 04, 2022 - May 11, 2022 .

Station	Date	Time	Begin Longitude	Begin Latitude	End Longitude	End Latitude	Mean Depth	Tow Duration	Tow Distance (nm)
266	17-Apr-2022	20:33:51	-65.97367	41.85533	-65.95367	41.86283	98	20.01	1.003
267	17-Apr-2022	22:31:10	-65.88267	41.84950	-65.86483	41.83900	123	19.99	1.018
268	18-Apr-2022	01:23:43	-65.88150	42.02050	-65.89667	42.03050	196	20.00	0.905
271	21-Apr-2022	00:54:14	-68.19533	41.76167	-68.21583	41.75483	65	20.00	1.008
272	21-Apr-2022	04:24:44	-67.79867	41.65000	-67.81167	41.66283	35	20.05	0.967
273	21-Apr-2022	06:43:19	-67.77233	41.61783	-67.77650	41.63383	37	20.00	0.978
274	21-Apr-2022	10:19:00	-67.85733	41.44933	-67.83667	41.44700	41	20.01	0.943
275	21-Apr-2022	13:27:24	-67.62617	41.38200	-67.64283	41.37217	41	20.01	0.956
276	21-Apr-2022	15:09:26	-67.67267	41.31917	-67.69267	41.31267	41	19.98	0.985
277	21-Apr-2022	18:12:12	-67.19700	41.17617	-67.20233	41.19183	61	20.00	0.970
278	21-Apr-2022	21:36:36	-66.95067	41.44017	-66.93433	41.45083	68	20.01	0.976
279	21-Apr-2022	22:53:49	-66.92700	41.40817	-66.91300	41.39667	69	19.94	0.936
280	22-Apr-2022	01:49:02	-66.50067	41.37817	-66.50133	41.36167	93	20.00	0.990
281	22-Apr-2022	04:43:46	-66.61183	41.59233	-66.62950	41.58333	79	20.05	0.961
282	22-Apr-2022	07:15:10	-66.54017	41.68533	-66.55783	41.69517	73	20.00	0.989
283	22-Apr-2022	09:50:42	-66.34050	41.72267	-66.32317	41.73267	86	20.01	0.983
284	22-Apr-2022	14:41:28	-66.25800	42.25567	-66.24767	42.27000	221	19.98	0.975
285	22-Apr-2022	17:26:19	-66.20967	42.45883	-66.22433	42.46983	237	19.98	0.927
286	22-Apr-2022	21:40:05	-66.82417	42.19083	-66.80450	42.18583	201	20.02	0.927
288	23-Apr-2022	03:58:07	-67.10733	42.31783	-67.12917	42.31867	295	20.06	0.973
289	23-Apr-2022	07:32:13	-67.38317	42.46083	-67.37133	42.47500	319	20.02	0.999

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Station	Date	Time	Begin Longitude	Begin Latitude	End Longitude	End Latitude	Mean Depth	Tow Duration	Tow Distance (nm)
290	23-Apr-2022	11:12:11	-67.24583	42.17067	-67.22367	42.17350	168	20.01	1.003
291	23-Apr-2022	13:37:20	-67.16050	42.18333	-67.13900	42.18517	171	20.01	0.965
292	23-Apr-2022	15:14:40	-67.04700	42.11517	-67.04833	42.09883	62	19.96	0.981
293	23-Apr-2022	17:00:08	-66.86500	42.08600	-66.88667	42.08617	67	19.98	0.968
294	23-Apr-2022	19:39:30	-66.91967	41.85233	-66.93733	41.86250	63	20.01	1.000
295	23-Apr-2022	21:51:50	-66.94200	41.66467	-66.96383	41.66417	63	20.00	0.982
296	23-Apr-2022	23:50:46	-67.05233	41.69550	-67.03533	41.70550	63	20.00	0.971
297	24-Apr-2022	01:52:05	-67.22700	41.74150	-67.22050	41.72617	56	20.01	0.965
298	24-Apr-2022	04:19:52	-67.09200	41.86600	-67.10233	41.85133	59	20.05	0.994
299	24-Apr-2022	06:45:48	-67.14583	41.97383	-67.14617	41.99017	56	19.99	0.980
301	24-Apr-2022	09:34:09	-67.28033	41.92483	-67.28017	41.94050	51	20.05	0.940
302	24-Apr-2022	11:32:37	-67.30083	42.03867	-67.30100	42.05550	49	20.00	1.010
303	24-Apr-2022	13:20:16	-67.43983	42.08283	-67.42033	42.09067	68	20.17	0.990
304	24-Apr-2022	16:53:12	-67.57467	42.24083	-67.59333	42.24950	244	19.92	0.981
305	24-Apr-2022	19:53:32	-67.70550	42.33067	-67.72050	42.31867	230	20.02	0.982
306	24-Apr-2022	22:01:32	-67.78517	42.31717	-67.80633	42.31383	212	20.01	0.963
307	25-Apr-2022	01:29:20	-67.99283	42.61533	-68.01500	42.61367	184	19.99	0.987
308	25-Apr-2022	05:35:20	-68.09800	42.24617	-68.07700	42.25133	187	20.04	0.986
309	25-Apr-2022	07:52:02	-68.06050	42.15217	-68.03900	42.15700	229	19.99	1.002
310	25-Apr-2022	10:05:42	-68.04017	42.04517	-68.01833	42.04683	203	20.01	0.981
311	25-Apr-2022	13:28:11	-68.39650	42.03450	-68.37467	42.03550	178	20.01	0.978

Table 1. Station report of valid hauls from the Northeast Fisheries Science Center's Spring Bottom Trawl Survey, March 04, 2022 - May 11, 2022 .

Station	Date	Time	Begin Longitude	Begin Latitude	End Longitude	End Latitude	Mean Depth	Tow Duration	Tow Distance (nm)
312	25-Apr-2022	16:48:53	-68.62667	41.96433	-68.60517	41.96767	169	19.98	0.983
313	25-Apr-2022	20:28:52	-68.81333	41.69600	-68.79217	41.70133	163	20.01	1.004
314	25-Apr-2022	23:27:26	-69.05733	41.64100	-69.03867	41.64933	156	20.00	0.977
315	26-Apr-2022	02:13:17	-68.81833	41.56150	-68.81867	41.54517	156	20.11	0.980
316	26-Apr-2022	04:05:23	-68.72683	41.58067	-68.72733	41.56433	146	20.06	0.980
317	26-Apr-2022	07:13:47	-68.39517	41.36717	-68.40233	41.35167	64	20.00	0.984
318	26-Apr-2022	09:23:54	-68.20283	41.45333	-68.22450	41.45317	47	20.00	0.978
319	26-Apr-2022	11:12:33	-68.10917	41.44167	-68.12067	41.45583	49	20.01	0.995
320	26-Apr-2022	14:16:55	-68.24733	41.09783	-68.23467	41.11167	45	20.01	1.009
321	26-Apr-2022	16:55:49	-68.50833	41.29283	-68.51500	41.27733	59	19.96	0.977
322	26-Apr-2022	19:27:01	-68.65450	41.11317	-68.66533	41.09800	67	20.01	1.034
323	26-Apr-2022	21:52:49	-68.72967	41.26617	-68.73450	41.25017	77	20.01	0.984
324	27-Apr-2022	00:06:54	-68.89450	41.20267	-68.90350	41.21733	100	20.00	0.969
325	04-May-2022	00:13:36	-69.57200	42.23567	-69.59300	42.22850	237	20.05	1.030
326	04-May-2022	02:35:02	-69.49300	42.29950	-69.49917	42.28333	233	20.02	1.008
327	04-May-2022	05:33:30	-69.19383	42.15417	-69.21367	42.16300	194	20.01	1.032
328	04-May-2022	08:57:19	-69.00483	42.26700	-68.98350	42.26383	197	20.01	0.969
329	04-May-2022	12:12:22	-68.72833	42.41233	-68.72500	42.39617	204	20.00	0.981
330	04-May-2022	15:50:20	-68.52517	42.64483	-68.53367	42.62967	209	20.01	0.984
331	04-May-2022	19:18:36	-68.95067	42.53017	-68.92933	42.52533	211	20.00	0.990
332	04-May-2022	22:17:55	-69.21317	42.74567	-69.20467	42.73017	118	20.04	1.003

Table 1. Station report of valid hauls from the Northeast Fisheries Science Center's Spring Bottom Trawl Survey, March 04, 2022 - May 11, 2022 .

Station	Date	Time	Begin Longitude	Begin Latitude	End Longitude	End Latitude	Mean Depth	Tow Duration	Tow Distance (nm)
333	04-May-2022	23:57:21	-69.28133	42.79450	-69.27050	42.78017	74	20.10	0.984
334	05-May-2022	03:41:58	-68.85767	42.95083	-68.86167	42.96683	170	20.00	0.976
335	05-May-2022	07:00:33	-68.92600	43.14000	-68.92900	43.15700	179	20.00	1.028
336	05-May-2022	09:17:02	-69.01333	43.19783	-69.00400	43.21267	164	19.97	0.980
337	05-May-2022	11:37:23	-69.17067	43.23133	-69.16583	43.24733	176	19.97	0.983
338	05-May-2022	14:00:53	-68.98283	43.36550	-68.98300	43.34917	152	20.01	0.980
339	05-May-2022	17:25:46	-68.73150	43.47500	-68.72383	43.49067	144	20.02	0.998
340	05-May-2022	20:07:00	-68.50400	43.65267	-68.51783	43.63883	170	20.09	1.026
341	05-May-2022	23:10:12	-68.21217	43.46900	-68.20283	43.45417	181	19.96	0.979
342	06-May-2022	01:31:45	-68.18267	43.28867	-68.17850	43.30467	203	20.05	0.977
343	06-May-2022	03:56:23	-68.22050	43.18117	-68.21450	43.19750	202	20.02	1.015
344	06-May-2022	06:51:33	-68.37933	43.03833	-68.37617	43.05483	209	19.97	1.000
345	06-May-2022	09:47:02	-68.25867	42.84933	-68.25700	42.83350	202	19.98	0.953
346	06-May-2022	14:19:22	-67.43267	42.99167	-67.42833	42.97517	231	20.01	1.008
347	06-May-2022	17:01:43	-67.38167	42.88117	-67.38183	42.89700	237	20.00	0.950
348	06-May-2022	23:28:08	-67.10183	43.23700	-67.09883	43.22150	211	19.96	0.939
349	07-May-2022	03:25:26	-66.85000	43.30567	-66.85417	43.28933	185	20.00	0.997
350	07-May-2022	06:55:53	-66.70917	43.63433	-66.70583	43.65067	120	19.98	0.991
351	07-May-2022	09:46:18	-67.11333	43.65600	-67.09433	43.66483	129	19.96	0.983
352	07-May-2022	12:25:06	-67.32833	43.48367	-67.31583	43.49767	214	20.04	1.002
353	07-May-2022	15:18:31	-67.66967	43.58500	-67.65067	43.59383	246	20.00	0.983

Table 1. Station report of valid hauls from the Northeast Fisheries Science Center's Spring Bottom Trawl Survey, March 04, 2022 - May 11, 2022 .

Station	Date	Time	Begin Longitude	Begin Latitude	End Longitude	End Latitude	Mean Depth	Tow Duration	Tow Distance (nm)
354	07-May-2022	17:46:04	-67.81700	43.50783	-67.79683	43.51533	271	20.01	0.989
355	07-May-2022	20:21:44	-67.76500	43.65100	-67.74483	43.65933	234	20.00	1.011
356	07-May-2022	23:20:34	-67.60633	43.87550	-67.61200	43.86017	217	19.97	0.952
357	08-May-2022	02:37:27	-67.35450	43.86450	-67.35967	43.84767	219	20.01	1.034
358	08-May-2022	05:33:13	-67.32600	44.04200	-67.30683	44.05100	165	20.00	0.990
359	08-May-2022	08:09:41	-67.03000	43.94300	-67.01200	43.95267	167	19.99	0.972
360	08-May-2022	11:17:49	-66.76333	44.08783	-66.77167	44.07283	87	20.00	0.969
361	08-May-2022	13:58:39	-66.63483	44.24733	-66.65050	44.23600	196	20.01	0.959
362	08-May-2022	17:05:11	-67.09400	44.19567	-67.08017	44.20883	132	20.01	0.990
363	08-May-2022	19:18:17	-67.18750	44.24550	-67.16900	44.25483	167	20.02	0.975
364	09-May-2022	00:42:33	-67.79800	44.15650	-67.77467	44.15433	144	20.03	1.016
365	09-May-2022	03:14:28	-67.92983	44.06800	-67.95000	44.06033	102	20.00	0.986
366	09-May-2022	05:47:57	-68.18267	44.00667	-68.17250	44.02150	115	20.00	0.993
367	09-May-2022	08:01:33	-68.26367	43.92567	-68.25133	43.93867	115	19.99	0.946
368	09-May-2022	10:05:03	-68.40700	43.87900	-68.38933	43.88850	119	19.99	0.955
369	09-May-2022	14:42:57	-68.79517	43.92717	-68.77350	43.92433	87	20.00	0.955
370	09-May-2022	17:46:20	-69.05800	43.83017	-69.03633	43.82750	73	19.25	0.955
372	10-May-2022	00:39:39	-69.81167	43.38350	-69.78983	43.38617	146	20.08	0.969
373	10-May-2022	03:50:32	-69.99183	43.27233	-69.96983	43.26833	130	20.03	0.994
374	10-May-2022	06:00:30	-69.91717	43.18417	-69.89583	43.18983	172	20.02	0.996
375	10-May-2022	13:04:20	-70.69617	42.71583	-70.67350	42.71583	30	20.01	1.003

Table 1. Station report of valid hauls from the Northeast Fisheries Science Center's Spring Bottom Trawl Survey, March 04, 2022 - May 11, 2022 .

Station	Date	Time	Begin Longitude	Begin Latitude	End Longitude	End Latitude	Mean Depth	Tow Duration	Tow Distance (nm)
376	10-May-2022	15:40:46	-70.71983	42.83833	-70.69783	42.83950	46	19.96	0.974
377	10-May-2022	17:29:39	-70.61733	42.83050	-70.59500	42.83183	90	20.00	0.989
378	10-May-2022	20:20:30	-70.49200	42.89667	-70.47400	42.88667	102	20.02	0.995
379	10-May-2022	23:06:05	-70.18250	42.85950	-70.16067	42.85517	59	19.97	0.998
381	11-May-2022	04:23:48	-70.00050	42.69417	-69.98417	42.70567	186	20.01	0.999
382	11-May-2022	07:08:50	-70.05983	42.55350	-70.04067	42.56117	130	19.95	0.966
383	11-May-2022	11:11:01	-69.67683	42.70600	-69.65433	42.70567	272	20.00	0.996

Table 2: Catch summary (lbs) of important species by haul from the Northeast Fisheries Science Center's Spring Bottom Trawl Survey, March 04, 2022 - May 11, 2022 .

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
0005	0	0	0	0	0	5	0	0	0	0	0	0	0	0	1	4	0	0	2	0	0	0	13	25
0006	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	117	1	0	1	0	1	0	28	149
0007	0	0	0	0	0	0	0	0	0	0	47	0	0	0	0	248	1	0	0	0	0	0	8	304
0008	0	0	0	0	0	0	0	0	0	0	240	0	0	0	0	477	2	0	0	0	0	0	14	733
0009	0	0	0	0	0	0	0	0	0	0	998	0	0	0	0	607	3	0	0	0	0	0	31	1,639
0010	0	0	0	0	0	3	0	3	0	0	490	0	0	1	1	705	13	0	0	0	0	0	409	1,625
0011	0	0	0	0	0	0	0	34,564	2	0	525	3	0	0	1	11	1	0	0	0	0	0	35	35,142
0012	0	0	0	0	0	0	0	110	11	0	100	5	0	0	8	44	2	0	0	0	0	0	371	651
0013	0	0	0	0	0	0	0	0	0	0	349	0	0	0	0	338	10	0	0	0	0	0	1,129	1,826
0014	0	0	0	0	0	0	0	0	0	0	558	0	0	0	0	390	11	0	0	0	0	0	1,496	2,455
0015	0	0	0	0	0	1	0	37	0	0	936	14	0	0	2	4	0	0	0	0	0	0	54	1,048
0016	0	0	0	0	0	0	0	2	13	0	373	22	0	0	0	4,193	0	0	0	0	0	0	173	4,776
0017	0	0	0	0	0	1	0	0	0	0	7,460	177	0	0	0	24	1	0	0	0	0	0	11	7,674
0018	0	0	0	0	0	0	0	88	10	0	16	5	0	2	72	3,732	8	0	0	0	0	0	1,208	5,141
0019	0	0	0	0	0	0	0	5	0	0	2,012	37	0	0	3	33	0	0	0	0	0	0	107	2,197

Table 2: Catch summary (lbs) of important species by haul from the Northeast Fisheries Science Center's Spring Bottom Trawl Survey, March 04, 2022 - May 11, 2022 .

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	
0020	0	0	0	0	0	0	0	0	0	0	408	14	0	0	0	6	1	0	0	0	0	0	0	35	464
0021	0	0	0	0	0	0	0	1	0	0	384	1	0	0	2	121	2	0	0	0	0	0	0	2,666	3,177
0022	0	0	0	0	0	0	1	1	0	0	461	0	0	0	0	113	3	0	0	0	0	0	0	2,869	3,448
0023	0	0	0	0	0	0	0	0	1	0	433	4	0	0	4	21	5	0	0	0	0	0	0	451	919
0024	0	0	0	0	0	0	0	0	0	0	228	4	0	2	0	32	3	0	0	0	0	0	0	654	923
0025	0	0	0	0	0	0	0	2,826	1	0	5,203	82	0	0	0	15	7	0	0	0	0	0	0	24	8,158
0026	0	0	0	0	0	0	0	51	0	0	848	10	0	0	0	408	4	0	0	0	0	0	0	6,063	7,384
0027	0	0	0	0	0	0	0	3	6	0	1,662	31	0	0	30	467	3	0	0	0	5	0	0	436	2,643
0028	0	0	0	0	0	0	0	1	2	0	12,104	2,099	0	0	0	59	2	0	0	0	0	0	0	40	14,307
0029	0	0	0	0	0	0	0	0	0	0	1,337	122	0	0	0	35	1	0	0	0	0	0	0	117	1,612
0030	0	0	0	0	0	0	1	0	0	0	3,854	26	0	0	0	128	1	0	0	0	0	0	0	267	4,277
0032	0	0	0	0	0	0	0	0	0	0	240	0	0	0	0	142	1	0	0	0	0	0	0	941	1,324
0033	0	0	0	0	0	0	0	63	0	0	2,434	0	0	0	0	95	8	0	0	0	0	0	0	114	2,714
0034	0	0	0	0	0	0	0	0	0	0	1,017	0	0	0	0	60	0	0	0	0	0	0	0	56	1,133

Table 2: Catch summary (lbs) of important species by haul from the Northeast Fisheries Science Center's Spring Bottom Trawl Survey, March 04, 2022 - May 11, 2022 .

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	
0050	0	0	0	0	0	0	0	0	0	0	87	0	0	0	0	0	0	0	0	0	0	0	0	15	102
0051	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	120	124
0052	0	0	0	0	0	0	0	445	0	0	2	6	0	0	1	0	0	0	0	0	0	0	0	108	562
0053	0	0	0	0	0	0	0	893	0	0	207	4	0	0	0	0	0	0	0	0	0	0	0	242	1,346
0054	0	0	0	0	0	0	0	33	0	0	15	86	0	0	0	0	0	0	0	0	0	0	0	79	213
0055	0	0	0	0	0	0	0	1	0	0	3	9	0	0	0	0	0	0	0	0	0	0	0	9	22
0056	0	0	0	0	0	0	0	0	0	0	23	0	0	0	0	0	0	0	0	0	0	0	0	6	29
0057	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	37	38
0059	0	0	0	0	0	0	0	55	0	0	956	296	0	0	0	0	0	0	0	0	0	0	0	21	1,328
0060	0	0	0	0	0	0	0	0	0	0	8	72	0	0	0	0	0	0	0	0	0	0	0	366	446
0061	0	0	0	0	0	0	0	1	0	0	34	7	0	0	0	0	0	0	0	0	0	0	0	80	122
0062	0	0	0	0	0	0	0	2	0	0	1	0	0	0	0	0	13	0	0	0	0	0	0	17,736	17,752
0063	0	0	0	0	0	0	0	195	0	0	3,721	4	0	0	0	0	0	0	0	0	0	0	0	65	3,985
0064	0	0	0	0	0	0	0	675	0	0	1,015	679	0	0	0	0	0	0	0	0	0	0	0	11	2,380
0065	0	0	0	0	0	0	0	92	0	0	7,772	368	0	0	0	0	0	0	0	0	0	0	0	18	8,250

Table 2: Catch summary (lbs) of important species by haul from the Northeast Fisheries Science Center's Spring Bottom Trawl Survey, March 04, 2022 - May 11, 2022 .

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	
0066	0	0	0	0	0	0	0	116	0	0	1,919	19	0	0	0	0	0	0	0	0	0	0	0	41	2,095
0067	0	0	0	0	0	0	0	173	0	0	3,278	7	0	0	0	0	0	0	0	0	0	0	0	21	3,479
0068	0	0	0	0	0	0	0	16	0	0	47	6	0	16	2	0	0	0	0	0	0	0	0	325	412
0069	0	0	0	0	0	0	0	7	1	0	361	0	0	0	0	10	0	0	0	0	0	0	0	34	413
0070	0	0	0	0	0	0	0	1,750	0	0	8,092	104	0	0	2	1	0	0	0	0	0	0	0	67	10,016
0071	0	0	0	0	0	0	0	826	0	0	2,119	47	0	0	2	0	0	0	0	0	0	0	0	202	3,196
0072	0	0	0	0	0	0	0	10	0	0	117	17	0	0	0	155	2	0	0	0	0	0	0	104	405
0073	0	0	0	0	0	0	35	12	0	0	5,098	36	0	0	0	117	0	0	0	0	0	0	0	175	5,473
0074	0	0	0	0	0	0	0	2	0	0	145	5	0	13	52	55	0	3	0	0	0	0	0	926	1,201
0075	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	96	0	0	0	0	0	0	0	17	115
0076	0	0	0	0	24	0	0	1	0	0	0	0	0	0	0	36	1	0	0	0	0	0	0	4	66
0077	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	93	0	0	0	0	0	0	0	7	100
0078	0	0	0	0	123	1	0	0	0	0	0	0	0	0	0	11	0	0	0	0	0	0	0	26	161
0079	0	0	0	0	1	2	0	0	0	0	73	0	0	0	0	272	2	0	1	0	0	0	0	58	409
0080	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	15	2	0	0	0	0	0	0	476	495

Table 2: Catch summary (lbs) of important species by haul from the Northeast Fisheries Science Center's Spring Bottom Trawl Survey, March 04, 2022 - May 11, 2022 .

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
0081	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	78	0	0	0	0	0	0	63	141
0082	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	28	0	0	0	0	0	0	153	185
0083	0	0	0	0	1	0	0	0	0	0	0	0	0	0	3	11	0	0	0	0	0	0	85	100
0084	0	0	0	0	0	0	0	0	1	0	24	0	0	0	3	80	3	0	0	0	0	0	124	235
0085	0	0	0	0	0	0	0	3	0	0	143	0	0	0	0	223	0	0	0	0	0	0	33	402
0086	0	0	0	0	0	0	1	4	0	0	626	0	0	0	0	381	1	0	0	0	0	0	297	1,310
0087	0	0	0	0	0	0	0	0	1	0	220	0	0	0	0	211	1	0	1	0	0	0	11	445
0088	0	0	0	0	0	0	0	0	0	0	18	0	0	1	0	28	0	0	0	0	0	0	19	66
0089	0	2	0	0	0	14	0	0	0	0	0	0	0	1	0	15	0	0	0	0	0	0	15	47
0090	0	0	0	0	0	0	0	0	0	0	12	0	0	0	1	26	0	0	0	0	0	0	144	183
0091	0	17	0	0	0	7	0	0	0	0	1	0	0	0	17	3	0	0	2	0	0	0	711	758
0092	0	0	0	0	0	1	0	0	0	0	0	0	0	0	118	8	0	0	1	0	0	0	223	351
0093	0	0	0	0	0	1	0	0	0	0	0	0	0	0	2	2	0	0	1	0	0	0	68	74
0094	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	88	1	0	1	0	0	0	25	117
0095	0	0	0	0	0	2	0	5	0	0	67	0	0	0	0	473	2	0	0	0	0	0	56	605

Table 2: Catch summary (lbs) of important species by haul from the Northeast Fisheries Science Center's Spring Bottom Trawl Survey, March 04, 2022 - May 11, 2022 .

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
0096	0	0	0	0	0	1	0	938	0	0	263	0	0	0	0	533	7	0	0	0	0	0	151	1,893
0097	0	0	0	0	0	0	0	2	0	0	243	0	0	0	0	550	12	0	0	0	0	0	745	1,552
0098	0	0	0	0	0	0	0	1	0	0	725	0	0	0	0	344	4	0	0	0	0	0	540	1,614
0099	0	0	0	0	0	0	0	0	0	0	410	0	0	0	0	714	4	0	0	0	0	0	253	1,381
0100	0	0	0	0	0	0	0	10	0	0	73	0	0	0	0	404	2	0	0	0	0	0	18	507
0101	0	0	0	0	0	0	0	0	0	0	1	0	0	0	17	64	0	0	2	1	0	0	81	166
0102	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	59	0	0	0	0	0	0	37	99
0103	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	124	0	0	1	0	0	0	44	173
0104	0	0	0	0	20	0	0	0	0	0	0	0	0	0	2	104	1	0	4	0	0	0	49	180
0105	0	0	0	0	0	5	0	0	0	0	0	0	0	0	2	126	0	0	0	1	0	0	50	184
0106	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9	121	0	0	0	1	0	0	61	192
0107	0	0	0	0	0	0	0	217	1	0	406	0	0	0	3	436	15	0	0	0	1	0	381	1,460
0108	0	0	0	0	0	71	0	96	2	0	1,325	0	0	0	0	230	8	0	0	0	0	0	973	2,705
0109	0	0	0	0	0	1	0	260	0	0	3,371	20	0	0	1	7	2	0	0	0	0	0	1,710	5,372
0110	0	0	0	0	0	0	0	4	0	0	1,325	49	0	0	0	51	0	0	0	0	0	0	45	1,474

Table 2: Catch summary (lbs) of important species by haul from the Northeast Fisheries Science Center's Spring Bottom Trawl Survey, March 04, 2022 - May 11, 2022 .

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	
0111	0	0	0	0	0	0	0	43	0	0	1,973	2	0	0	4	12	3	0	0	0	0	0	0	2,053	4,090
0112	0	0	0	0	0	134	0	52	4	0	1,663	0	0	0	2	4	11	0	0	0	0	0	0	249	2,119
0113	0	0	0	0	0	1	0	2	12	0	150	1	0	17	24	1,513	8	0	0	0	40	0	0	427	2,195
0114	0	0	0	0	0	0	0	380	2	0	91	0	0	0	5	28	2	0	0	0	0	0	0	118	626
0115	0	0	0	0	0	0	0	84,248	0	0	91	0	0	0	0	21	7	0	0	0	0	0	0	2,318	86,685
0116	0	0	0	0	0	0	0	0	8	0	30	1	0	27	47	2,080	5	0	0	0	22	0	0	565	2,785
0117	0	0	0	0	0	0	0	0	4	0	0	5	0	1	1	205	0	0	0	0	0	0	0	785	1,001
0118	0	0	0	0	0	0	0	5	4	0	1,448	101	0	0	1	499	6	0	0	0	0	0	0	231	2,295
0119	0	0	0	0	0	0	0	22,147	1	0	5,899	18	0	0	0	1,122	17	0	0	0	0	0	0	89	29,293
0120	0	0	0	0	0	0	0	7,443	3	0	3,891	11	0	0	6	15	4	0	0	0	0	0	0	70	11,443
0121	0	0	0	0	0	0	0	76	0	0	2,991	19	0	5	11	20	6	0	0	0	0	0	0	373	3,501
0122	0	0	0	0	0	0	0	4,195	2	0	2,356	9	0	1	10	5	7	0	0	0	0	0	0	910	7,495
0123	0	0	0	0	0	0	0	19	0	0	1,169	0	0	1	2	39	2	0	0	0	0	0	0	258	1,490
0124	0	0	0	0	0	192	0	24	1	0	976	0	0	18	10	23	9	0	0	0	0	0	0	834	2,087
0125	0	0	0	0	0	8	0	0	1	0	17	0	0	0	47	13	5	0	0	0	0	0	0	125	216

Table 2: Catch summary (lbs) of important species by haul from the Northeast Fisheries Science Center's Spring Bottom Trawl Survey, March 04, 2022 - May 11, 2022 .

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
0126	0	0	0	0	0	0	0	1	0	0	2	0	0	0	35	9	0	0	1	0	0	0	66	114
0127	0	0	0	0	0	1	0	3	0	0	226	0	0	4	46	167	12	0	0	0	0	0	196	655
0128	0	0	0	0	0	6	0	0	0	0	178	0	0	1	36	220	15	0	0	0	0	0	257	713
0129	0	0	0	0	0	0	0	1	0	0	6	0	0	0	0	71	1	0	3	0	0	0	52	134
0130	0	0	0	0	0	1	0	1	0	0	2	0	0	0	0	138	0	0	1	0	0	0	44	187
0131	0	0	0	0	0	23	0	0	0	0	0	0	0	0	0	78	0	0	1	0	0	0	25	127
0132	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	140	0	0	0	0	0	0	7	147
0133	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25	0	0	0	0	0	0	99	124
0134	0	5	0	0	0	0	0	0	0	0	0	0	0	1	1	3	1	0	0	2	0	0	38	51
0135	0	19	0	0	0	0	0	0	0	0	0	0	0	8	303	1	3	0	1	5	0	0	717	1,057
0136	0	0	0	0	0	0	0	0	0	0	0	0	0	1	217	0	2	0	4	4	0	0	170	398
0137	0	0	0	0	0	0	0	0	0	0	0	0	0	0	32	0	0	0	6	0	0	0	112	150
0138	0	2	0	0	0	0	0	0	0	0	0	0	0	0	8	0	3	0	0	0	0	0	142	155
0139	0	0	0	0	0	0	0	0	0	0	0	0	0	0	92	0	0	0	1	1	0	0	163	257
0140	0	0	0	0	0	0	0	0	0	0	0	0	0	1	5	0	0	0	0	1	0	0	116	123

Table 2: Catch summary (lbs) of important species by haul from the Northeast Fisheries Science Center's Spring Bottom Trawl Survey, March 04, 2022 - May 11, 2022 .

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
0141	0	0	0	1	0	0	0	0	0	0	0	0	0	1	1	0	0	0	1	3	0	0	30	37
0142	0	0	0	0	0	16	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	9	27
0143	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	1	0	0	10	13
0144	0	0	0	0	0	1	0	0	0	0	0	0	0	0	3	7	1	0	1	0	0	0	31	44
0145	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	26	3	0	0	0	0	0	69	99
0146	0	0	0	0	0	0	0	9	0	0	11	0	0	0	2	21	2	0	0	0	0	0	22	67
0147	0	0	0	0	0	0	0	1	0	0	1,061	0	0	0	2	3	9	0	0	0	0	0	26	1,102
0148	0	0	0	0	0	0	0	2	8	0	56	1	0	10	7	5	0	3	0	0	2	0	280	374
0149	0	4	0	0	0	0	0	3,097	1	0	136	0	0	50	35	3	11	0	0	0	0	0	517	3,854
0150	0	0	0	0	0	0	0	2,867	2	0	3	0	0	78	51	45	9	0	0	0	0	0	924	3,979
0151	0	0	0	0	0	0	0	7,372	2	0	368	0	0	3	18	4	7	0	0	0	0	0	414	8,188
0152	0	0	0	0	0	0	0	58	3	1	245	0	0	0	11	28	17	0	0	0	0	0	91	454
0153	0	0	0	1	0	0	0	6	1	0	37	0	0	1	3	0	0	0	0	0	0	0	24	73
0154	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	29	31
0155	0	0	0	0	0	0	0	1	0	0	0	0	0	0	2	0	0	0	0	2	0	0	26	31

Table 2: Catch summary (lbs) of important species by haul from the Northeast Fisheries Science Center's Spring Bottom Trawl Survey, March 04, 2022 - May 11, 2022 .

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
0156	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	184	187
0157	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	77	83
0158	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	39	41
0159	0	4	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	1	19	0	0	181	209
0160	0	0	0	0	0	0	0	1	1	0	0	0	0	1	27	8	1	0	2	2	0	0	230	273
0161	0	0	0	0	0	0	0	0	2	0	1	0	0	5	50	2	4	0	2	0	0	0	136	202
0162	0	1	0	0	0	0	0	1	1	0	0	0	0	0	32	7	1	0	6	0	0	0	143	192
0163	0	0	0	0	0	0	0	0	1	0	0	0	0	3	47	4	0	0	4	0	0	0	194	253
0164	0	0	0	0	0	1	0	118	1	0	4,264	0	0	0	5	21	47	0	0	0	0	0	76	4,533
0165	0	0	0	0	0	0	0	1,593	2	0	3,393	0	0	0	59	89	17	0	0	0	0	0	398	5,551
0166	0	0	0	0	0	0	0	2,347	1	0	2,818	0	0	0	0	95	5	0	0	0	0	0	182	5,448
0167	0	0	0	0	0	0	0	8	4	0	457	24	0	3	21	16	0	3	0	0	2	0	260	798
0168	0	0	0	0	0	0	0	0	5	0	157	38	0	1	21	7	0	1	0	0	2	0	262	494
0169	0	0	0	0	0	1	0	2,586	2	0	951	12	0	2	2	519	2	0	0	0	0	0	211	4,288
0170	0	0	0	0	0	0	0	15	1	0	0	0	0	2	19	2	7	0	0	0	0	0	165	211

Table 2: Catch summary (lbs) of important species by haul from the Northeast Fisheries Science Center's Spring Bottom Trawl Survey, March 04, 2022 - May 11, 2022 .

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
0171	0	6	0	0	0	3	0	4	0	0	7	0	0	8	69	2	6	0	1	1	0	1	748	856
0172	0	0	0	0	0	0	0	0	0	0	4	0	0	4	155	0	3	0	5	10	0	0	653	834
0173	0	5	0	2	18	49	0	1	0	0	1	0	0	1	3	0	0	0	3	13	0	0	121	217
0174	0	1	0	2	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	0	0	34	50
0175	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	1	0	0	6	0	0	22	31
0176	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	1	3	0	0	51	58
0177	0	0	0	0	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	26	44
0178	0	0	0	0	117	0	0	0	1	0	0	0	0	2	2	0	0	0	3	15	0	0	493	633
0179	0	0	0	0	170	0	0	0	5	0	0	0	0	5	50	0	0	0	14	25	0	0	151	420
0180	0	0	0	0	13	0	0	1	0	0	0	0	0	2	89	0	0	0	15	51	0	0	113	284
0181	0	0	1	0	4	0	0	0	0	0	0	0	0	2	881	0	0	0	7	13	0	2	148	1,058
0182	0	6	0	0	52	1	0	0	1	0	0	0	0	17	404	0	0	0	8	80	0	4	518	1,091
0183	0	2	0	0	106	1	0	0	3	0	0	0	0	24	845	0	0	0	5	118	0	1	245	1,350
0184	0	1	0	2	3,830	1	0	0	1	0	0	0	0	0	0	0	0	0	0	57	0	0	838	4,730
0185	0	0	1	3	7,040	13	0	0	1	0	0	0	0	2	4	0	0	0	0	82	0	21	546	7,713

Table 2: Catch summary (lbs) of important species by haul from the Northeast Fisheries Science Center's Spring Bottom Trawl Survey, March 04, 2022 - May 11, 2022 .

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
0186	0	1	46	1	614	15	0	0	12	1	0	0	0	9	231	0	0	0	1	83	0	6	672	1,692
0188	10	64	0	5	303	1	0	0	1	0	0	0	2	0	3	0	0	0	1	85	0	5	426	906
0190	61	143	54	26	5	0	0	0	5	6	0	0	0	87	269	0	0	0	4	205	0	39	642	1,546
0191	36	558	5	63	3	0	0	0	1	0	0	0	6	78	174	0	0	0	3	122	0	18	882	1,949
0192	6	66	2	5	13	0	0	0	13	1	0	0	0	6	829	0	0	0	19	138	0	16	631	1,745
0193	22	59	3	23	18	0	0	0	10	1	0	0	10	2	645	0	0	0	32	145	0	67	539	1,576
0194	24	128	114	3	4	0	0	0	0	154	0	0	0	2	1,271	0	0	0	3	19	0	52	594	2,368
0195	670	37	117	29	0	0	0	0	3	353	0	0	1	4	359	0	0	0	9	39	1	300	156	2,078
0196	417	7	197	25	2	0	0	0	6	101	0	0	1	23	490	0	0	1	15	97	0	933	368	2,683
0197	133	7	12	20	0	3	0	1	1	26	0	0	0	0	19	0	0	0	0	40	0	87	221	570
0198	1	0	2	0	0	7	0	0	0	0	0	0	0	0	1	0	0	0	0	4	0	2	78	95
0199	144	30	6	1	529	602	0	0	1	0	3	0	0	30	931	0	0	0	1	0	0	5	162	2,445
0200	0	5	20	0	21	426	0	0	12	1	4	0	0	88	1,929	0	0	0	0	0	11	24	808	3,349
0201	0	0	0	3	90	86	0	0	0	1	1	0	0	10	20	0	0	0	0	14	0	16	2,120	2,361
0202	0	0	0	5	2	56	0	0	0	0	0	0	0	0	0	0	0	0	0	9	0	1	125	198

Table 2: Catch summary (lbs) of important species by haul from the Northeast Fisheries Science Center's Spring Bottom Trawl Survey, March 04, 2022 - May 11, 2022 .

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
0203	0	27	0	4	2	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	116	165
0204	0	1	0	0	932	1,821	0	2	0	2	1	0	0	0	12	0	0	0	0	0	0	3	998	3,772
0207	0	0	0	0	27	214	0	0	1	0	0	0	0	0	1	0	0	0	0	1	0	0	542	786
0208	0	0	0	0	2	25	0	0	1	0	0	0	0	0	4	0	0	0	0	3	0	1	127	163
0209	0	0	0	1	2	12	0	0	0	0	0	0	0	5	0	0	0	0	0	1	0	1	118	140
0210	0	0	0	1	228	9	0	1	0	1	0	1	0	5	2	0	0	0	3	4	0	0	88	343
0212	0	0	0	0	0	0	0	609	0	3	12	0	0	13	38	0	0	0	8	1	0	0	274	958
0213	0	0	1	0	0	0	0	55	0	1	1	0	0	22	8	0	0	0	27	0	0	0	1,209	1,324
0214	0	0	0	1	0	0	0	4	2	3	135	0	0	162	12	0	0	0	1	0	1	0	842	1,163
0215	0	0	0	0	0	0	0	458	1	0	341	6	0	7	63	0	6	1	0	0	0	0	630	1,513
0216	0	0	0	0	0	0	0	0	1	0	84	4	0	54	15	1	0	0	0	0	12	0	296	467
0217	0	0	0	0	0	0	0	434	2	0	1,796	10	0	1	66	7	9	0	0	0	0	0	292	2,617
0218	0	0	0	0	0	0	0	22	0	0	3,939	12	0	3	3	1	0	0	0	0	0	0	20	4,000
0219	0	0	0	0	0	0	0	0	5	0	69	0	0	24	4	43	0	4	0	0	0	0	728	877
0220	0	0	0	0	0	0	0	125	1	0	1,475	2	0	5	21	4	1	0	0	0	0	0	185	1,819

Table 2: Catch summary (lbs) of important species by haul from the Northeast Fisheries Science Center's Spring Bottom Trawl Survey, March 04, 2022 - May 11, 2022 .

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	
0221	0	0	0	0	0	0	0	2,063	4	0	219	2	0	2	77	0	4	0	0	0	0	0	0	1,884	4,255
0222	0	0	0	0	0	0	0	34	1	0	60	4	0	10	7	90	0	1	0	0	1	0	0	213	421
0223	0	0	0	0	0	0	0	765	3	0	498	8	0	0	23	59	3	0	0	0	0	0	0	242	1,601
0224	0	0	0	0	0	0	0	2	1	1	126	1	0	1	5	3	1	0	6	0	0	0	0	99	246
0225	0	0	0	0	0	2	0	5,807	0	0	2,728	2	0	0	71	34	15	0	0	0	0	0	0	125	8,784
0226	0	0	0	0	0	0	0	178	4	0	780	4	0	0	1	25	1	0	0	0	0	0	0	133	1,126
0227	0	0	0	0	0	0	0	0	0	0	1	0	0	0	4	0	0	0	0	1	0	0	0	16	22
0228	0	0	0	3	0	0	0	8	0	0	0	0	0	1	54	0	0	0	0	0	0	0	0	58	124
0229	0	1	0	0	0	0	0	0	0	0	0	0	0	1	4	0	0	0	0	6	0	0	0	58	70
0231	0	0	0	0	0	0	0	0	0	0	0	0	0	0	110	0	0	0	44	8	0	0	0	1,530	1,692
0232	0	0	0	0	495	2	0	0	0	0	0	0	0	115	1,247	1	2	0	13	0	0	1	0	373	2,249
0233	0	0	0	0	99	0	0	1	3	0	4	0	0	183	154	71	4	0	13	0	0	0	0	214	746
0235	0	0	0	0	0	0	0	41	4	0	956	223	0	1	4	0	0	0	0	0	1	0	0	140	1,370
0236	0	0	0	0	0	1	0	5,593	2	0	6,352	41	0	0	0	159	10	0	0	0	0	0	0	42	12,200
0237	0	0	0	0	0	11	0	5,171	0	0	62	2	0	38	16	835	1	0	2	0	0	0	0	123	6,261

Table 2: Catch summary (lbs) of important species by haul from the Northeast Fisheries Science Center's Spring Bottom Trawl Survey, March 04, 2022 - May 11, 2022 .

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
0238	0	0	0	0	0	0	0	7	2	0	2	0	0	27	27	62	2	0	15	0	0	0	617	761
0239	0	0	0	0	1	1	0	15	1	0	59	0	0	173	217	2,213	0	0	17	0	0	0	426	3,123
0240	0	0	0	0	0	3	0	16	1	0	6	0	0	20	268	5	1	0	106	3	0	0	757	1,186
0241	0	0	0	0	0	0	0	0	0	2	139	0	0	8	11	1	1	0	94	2	0	1	605	864
0242	0	0	0	0	0	0	0	0	0	1	31	0	0	36	264	3	1	0	16	0	0	0	274	626
0244	0	0	0	0	0	1	0	2	0	0	200	1	0	9	3	0	1	0	1	0	0	0	70	288
0245	0	0	0	0	0	0	0	0	0	0	1,028	0	0	9	0	0	0	0	3	0	0	0	49	1,089
0246	0	0	0	0	0	0	0	290	1	0	1,620	5	0	3	1	5	0	0	5	0	0	0	102	2,032
0247	0	0	0	0	0	0	0	38	5	0	422	18	0	2	8	10	0	0	0	0	7	0	238	748
0248	0	0	0	0	0	0	0	421	5	0	1,025	7	0	0	13	1	2	0	0	0	0	0	284	1,758
0249	0	0	0	0	0	0	0	219	4	0	201	0	0	12	49	1	16	0	20	0	0	0	290	812
0250	0	0	0	0	0	0	0	7	0	0	70	2	0	19	16	1	0	0	3	0	0	0	207	325
0251	0	0	0	0	0	0	0	2	0	0	94	5	0	3	22	0	0	0	4	1	0	2	244	377
0252	0	0	0	0	0	0	0	4	0	0	225	1	0	16	68	0	0	0	4	0	0	1	799	1,118
0253	0	0	0	0	0	0	0	2	0	0	38	1	0	0	2	0	0	0	1	0	0	0	86	130

Table 2: Catch summary (lbs) of important species by haul from the Northeast Fisheries Science Center's Spring Bottom Trawl Survey, March 04, 2022 - May 11, 2022 .

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
0254	0	0	0	0	0	0	0	0	0	0	16	1	0	8	62	1	0	0	0	0	0	0	126	214
0255	0	0	0	0	0	0	0	1	0	0	52	0	0	4	1	0	0	0	0	0	0	0	64	122
0256	0	0	1	0	1,090	1	0	2	0	5	15	29	0	0	8	0	0	0	3	0	0	1	90	1,245
0257	0	0	0	0	0	0	0	56	0	0	115	13	0	6	130	0	0	0	0	0	0	0	282	602
0258	0	0	0	0	0	0	0	81	1	0	56	0	0	12	50	0	0	0	0	0	0	0	253	453
0259	0	0	0	0	0	0	0	56	0	0	31	7	0	117	144	0	3	0	0	0	1	0	600	959
0260	0	1	0	0	0	0	0	6	3	0	0	1	0	246	391	0	0	0	0	0	6	0	105	759
0261	0	14	0	0	0	0	0	110	1	0	73	15	5	50	823	0	0	2	0	0	1	0	76	1,170
0262	0	7	0	0	0	0	0	6	0	28	158	6	0	45	153	0	0	5	0	0	0	0	55	463
0263	0	1	0	0	0	0	0	0	0	0	3	0	0	0	19	0	0	0	2	0	1	0	324	350
0264	0	5	0	0	0	0	0	0	0	1	22	4	0	124	17	0	0	0	0	0	0	0	55	228
0265	0	0	0	1	0	0	0	0	0	1,989	8	0	0	1	0	0	0	0	0	2	0	0	1,880	3,881
0266	0	115	0	14	18	0	0	0	0	329	0	6	0	1	1	0	0	0	0	9	0	9	7,194	7,696
0267	5	113	0	1	3	0	0	0	1	237	4	2	0	5	88	0	0	0	0	0	0	0	658	1,117

Table 2: Catch summary (lbs) of important species by haul from the Northeast Fisheries Science Center's Spring Bottom Trawl Survey, March 04, 2022 - May 11, 2022 .

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
0268	1	7	0	0	0	2	0	15	7	31	109	7	0	98	265	0	0	0	0	0	2	0	107	651
0271	0	1	6	1	0	17	0	3	1	9	264	1	0	5	668	1	0	0	3	0	0	0	271	1,251
0272	0	1	0	0	1	1	0	3	0	0	54	1	0	1	18	1	0	0	37	20	0	0	324	462
0273	0	0	0	1	1	1	0	3	0	0	69	0	0	0	9	2	0	0	6	11	0	0	357	460
0274	0	0	0	0	8	1	0	5	0	0	17	0	0	0	8	4	0	0	5	0	0	0	47	95
0275	0	0	0	0	6	27	0	13	0	0	197	0	0	0	0	20	0	0	1	0	0	0	47	311
0276	0	0	0	0	0	131	0	80	0	0	1,466	5	0	0	1	13	0	0	1	0	0	0	53	1,750
0277	0	0	4	0	0	2	0	0	1	0	64	5	0	4	120	0	0	0	7	0	1	0	166	374
0278	0	0	2	7	0	1	0	0	0	3	9	1	0	4	34	0	0	0	22	1	0	2	535	621
0279	0	0	0	1	0	0	0	0	1	16	5	1	0	4	18	0	0	0	20	0	0	2	508	576
0280	0	2	0	5	1	0	0	0	2	261	0	6	0	2	33	0	0	0	4	1	0	1	765	1,083
0281	0	0	7	4	0	0	0	0	0	322	461	8	0	0	7	0	0	0	4	2	0	4	109	928
0282	0	0	2	2	0	0	0	1	0	795	113	10	0	0	0	0	0	0	3	3	0	0	26	955
0283	0	0	4	0	0	0	0	0	0	902	4	2	0	0	11	0	0	0	3	3	0	4	78	1,011
0284	0	7	0	3	0	2	0	0	0	6	57	0	0	1	68	34	0	2	0	0	0	0	71	251

Table 2: Catch summary (lbs) of important species by haul from the Northeast Fisheries Science Center's Spring Bottom Trawl Survey, March 04, 2022 - May 11, 2022 .

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
0285	1	25	0	0	0	4	0	15	0	0	9	1	2	3	104	26	0	0	0	0	0	0	41	231
0286	0	14	1	0	2	5	0	1	16	6	0	0	0	424	2,233	1	0	11	0	0	14	0	87	2,815
0288	0	5	0	0	0	0	0	0	2	13	0	0	3	53	156	0	0	25	0	0	0	0	80	337
0289	1	1	1	0	0	0	0	0	8	10	0	2	4	59	1,529	3	0	53	0	0	0	0	49	1,720
0290	0	3	27	0	249	5	0	0	17	20	72	0	1	152	2,526	1	0	6	0	0	17	0	131	3,227
0291	1	2	8	0	414	4	0	0	13	18	62	2	1	114	1,848	0	0	10	0	0	2	0	126	2,625
0292	0	3	0	4	1	0	0	0	0	643	683	43	1	0	10	4	0	0	0	5	0	0	8,740	10,137
0293	0	0	0	5	0	14	0	0	0	319	72	18	0	1	0	6	0	0	0	4	0	0	2,922	3,361
0294	0	5	8	2	0	0	0	0	0	40	7	0	1	4	5	16	0	0	8	3	0	0	156	255
0295	0	0	3	0	0	0	0	0	0	8	10	0	0	1	22	1	0	0	12	0	0	0	260	317
0296	0	0	0	3	0	0	0	0	0	3	3	5	0	6	24	1	0	0	16	0	0	0	349	410
0297	0	1	3	3	0	0	0	0	1	15	4	1	0	2	3	1	0	0	55	24	0	0	358	471
0298	0	30	1	31	11	4	0	0	0	158	24	9	0	0	0	2	0	0	3	164	0	0	187	624
0299	0	24	0	29	0	0	0	0	0	181	69	1	1	0	0	0	0	0	0	6	0	0	33	344
0301	0	1	1	54	2	0	0	0	0	235	176	0	0	0	0	0	0	0	0	6	0	0	51	526

Table 2: Catch summary (lbs) of important species by haul from the Northeast Fisheries Science Center's Spring Bottom Trawl Survey, March 04, 2022 - May 11, 2022 .

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
0302	0	2	0	5	0	1	0	0	0	850	572	2	0	0	0	1	0	0	0	16	0	0	402	1,851
0303	0	0	2	0	3	138	0	0	1	655	376	1	3	0	2	0	0	0	2	10	0	3	3,685	4,881
0304	22	3	0	0	0	2	0	4	2	12	0	8	16	122	954	12	0	30	0	0	0	0	74	1,261
0305	146	2	0	0	0	1	0	1	1	1	0	2	2	200	826	112	0	23	0	0	0	0	109	1,426
0306	191	2	0	0	0	2	0	9	5	3	1	0	9	249	770	59	0	14	0	0	0	0	207	1,521
0307	430	0	0	1	0	2	0	1	1	3	14	1	39	141	148	72	0	6	0	0	5	0	70	934
0308	93	3	0	0	0	1	0	1	6	4	1	1	2	336	907	67	0	4	0	0	1	0	47	1,474
0309	6	1	3	0	0	8	0	3	11	0	1	0	0	662	204	40	0	14	0	0	4	0	39	996
0310	69	1	4	0	0	0	0	8	9	1	1	0	0	547	896	0	0	4	0	0	1	0	72	1,613
0311	18	0	13	0	1	1	0	7	2	12	6	1	0	163	1,770	21	0	3	0	0	6	0	54	2,078
0312	3	0	12	0	4	69	0	11	4	9	3	1	0	119	13,164	37	0	0	0	0	5	0	27	13,468
0313	1	2	36	0	8	5	0	2	6	3	0	1	0	214	1,923	5	0	2	0	0	4	0	82	2,294
0314	246	4	2	6	1	7	0	0	1	13	0	0	0	214	1,029	3	0	0	0	0	1	0	334	1,861
0315	4	4	47	0	8	102	0	5	4	8	0	0	0	133	12,390	26	0	1	0	0	6	0	810	13,548

Table 2: Catch summary (lbs) of important species by haul from the Northeast Fisheries Science Center's Spring Bottom Trawl Survey, March 04, 2022 - May 11, 2022 .

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
0316	0	1	0	0	57	284	0	25	3	2	2	0	0	45	2,307	86	0	0	0	0	1	0	697	3,510
0317	0	0	2	0	12	12	0	0	0	0	1,283	1	0	6	137	271	0	0	1	0	0	0	74	1,799
0318	0	3	0	0	0	0	0	3	0	0	532	0	0	0	19	39	0	0	1	0	0	0	23	620
0319	0	1	1	0	110	39	0	1	0	0	601	2	0	0	13	13	0	0	0	2	0	0	27	810
0320	0	0	0	0	0	0	0	409	0	0	79	1	0	3	22	36	0	0	0	7	0	0	565	1,122
0321	0	0	2	0	212	2	0	7	0	0	238	2	0	1	7	188	0	0	1	0	0	0	24	684
0322	0	4	0	1	0	14	0	67	0	0	19	0	0	12	40	333	0	0	2	0	0	0	213	705
0323	0	4	0	1	0	8	0	28	0	16	8	0	0	10	40	183	0	0	4	0	0	3	249	554
0324	0	0	0	0	34	24	0	0	0	9	0	0	0	9	75	3	0	0	4	0	0	0	188	346
0325	10	0	5	0	0	0	0	1	4	5	2	0	0	143	820	13	0	9	0	0	3	0	18	1,033
0326	25	0	1	0	0	1	0	0	11	1	2	0	0	117	1,084	7	0	7	0	0	1	0	10	1,267
0327	168	0	8	0	3	0	0	1	7	5	1	0	0	128	395	133	0	2	0	0	2	0	46	899
0328	3,196	0	9	0	3	0	0	0	11	9	0	0	0	162	530	90	0	4	0	0	0	0	78	4,092
0329	6	0	9	1	0	0	0	1	16	4	0	0	0	270	504	120	0	7	0	0	2	0	133	1,073
0330	16	0	2	0	7	0	0	0	9	4	6	0	0	251	1,240	73	0	10	0	0	2	0	78	1,698

Table 2: Catch summary (lbs) of important species by haul from the Northeast Fisheries Science Center's Spring Bottom Trawl Survey, March 04, 2022 - May 11, 2022 .

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
0331	18	1	2	0	1	0	0	0	13	1	0	0	0	229	734	7	0	4	0	0	3	0	52	1,065
0332	275	1	20	0	2	0	0	0	10	226	0	0	1	152	505	116	0	2	0	0	45	0	51	1,406
0333	57	8	4	40	122	7	0	0	3	185	1	0	2	13	52	155	0	0	0	1	0	15	88	753
0334	23	2	19	0	3	0	0	0	12	2	0	0	0	487	1,300	44	0	4	0	0	8	0	30	1,934
0335	9	3	5	0	6	0	0	0	10	6	5	0	0	242	218	12	0	1	0	0	36	0	20	573
0336	339	5	3	2	2	0	0	0	13	6	2	0	0	80	2,286	960	0	1	0	0	25	0	51	3,775
0337	669	0	8	0	5	0	0	0	17	6	2	0	0	70	1,750	22	0	2	0	0	14	0	43	2,608
0338	3	4	13	0	11	1	0	0	7	29	3	0	0	46	4,611	594	0	1	0	0	28	0	55	5,406
0339	0	13	4	0	6	1	0	2	6	6	5	0	1	48	4,234	3	0	0	0	0	8	0	66	4,403
0340	1	9	5	0	6	0	0	2	5	3	0	0	0	146	2,170	8	0	1	0	0	25	0	20	2,401
0341	40	2	4	0	10	8	0	1	5	50	1	0	0	120	1,017	2	0	5	0	0	55	0	109	1,429
0342	8	0	0	0	3	2	0	2	5	2	6	0	0	113	951	7	0	8	0	0	6	0	23	1,136
0343	9	1	4	0	9	1	0	0	6	5	3	0	1	90	1,270	5	0	8	0	0	5	0	19	1,436
0344	1,391	2	0	0	6	0	0	0	8	3	0	0	2	264	1,994	72	0	13	0	0	7	0	74	3,836
0345	102	0	6	0	0	0	0	0	5	2	11	0	15	262	1,066	19	0	40	0	0	6	0	70	1,604

Table 2: Catch summary (lbs) of important species by haul from the Northeast Fisheries Science Center's Spring Bottom Trawl Survey, March 04, 2022 - May 11, 2022 .

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
0346	3	4	1	0	0	1	0	1	13	4	3	0	2	79	261	24	0	16	0	0	0	0	14	426
0347	2	26	0	0	2	2	0	0	4	3	5	0	12	59	135	18	0	10	0	0	0	0	109	387
0348	4	9	0	0	5	3	0	0	2	11	2	1	1	92	242	20	0	4	0	0	2	0	33	431
0349	3	6	1	1	0	2	0	1	2	6	14	0	0	293	2,410	38	0	2	0	1	3	0	47	2,830
0350	42	8	0	1	0	0	0	0	1	279	57	0	1	20	128	2	0	1	0	42	13	0	182	777
0351	50	4	0	0	4	1	0	1	0	70	12	0	4	1	43	4	0	0	0	2	0	0	22	218
0352	14	19	1	0	0	0	0	0	4	17	5	0	0	78	1,529	29	0	5	0	0	5	0	56	1,762
0353	11	1	2	0	1	1	0	0	0	5	4	0	0	52	491	6	0	24	0	0	0	0	26	624
0354	7	0	2	0	0	0	0	0	6	2	1	0	0	64	672	19	0	6	0	0	1	0	70	850
0355	7	1	0	0	1	1	0	0	4	11	1	0	0	98	600	12	0	13	0	0	1	0	36	786
0356	5	1	1	1	4	0	0	0	2	6	2	0	0	63	583	37	0	10	0	0	3	0	29	747
0357	3	2	0	0	5	6	0	1	6	3	3	0	1	64	343	52	0	8	0	0	0	0	24	521
0358	8	3	0	0	14	0	0	3	3	2	2	0	0	58	307	24	0	12	0	0	10	0	47	493
0359	942	3	0	0	0	0	0	0	0	9	14	0	1	5	2,390	7	0	3	0	0	1	0	21	3,396
0360	17	55	0	3	976	4	0	0	0	92	65	0	0	1	9	0	0	0	0	10	0	0	35	1,267

Table 2: Catch summary (lbs) of important species by haul from the Northeast Fisheries Science Center's Spring Bottom Trawl Survey, March 04, 2022 - May 11, 2022 .

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
0361	28	18	0	4	35	0	0	0	0	89	0	0	1	18	340	6	0	1	0	0	9	0	27	576
0362	24	16	1	0	8	0	0	0	2	13	32	0	1	22	2,708	16	0	4	0	2	15	0	50	2,914
0363	10	11	0	0	1	0	0	3	6	2	1	0	0	47	364	71	0	1	0	0	5	0	44	566
0364	0	14	3	0	4	5	0	0	7	4	3	0	0	18	534	0	0	5	2	4	8	0	31	642
0365	1	95	2	0	8	2	0	0	4	1	4	0	0	27	3,544	0	0	5	0	22	5	0	36	3,756
0366	0	182	7	0	10	0	0	0	2	7	2	0	0	10	2,894	0	0	1	1	21	1	0	123	3,261
0367	0	27	2	0	5	10	0	1	6	4	3	0	0	7	1,056	0	0	1	0	11	2	0	43	1,178
0368	0	16	7	0	1	10	0	1	14	3	0	0	0	11	1,159	0	0	2	0	13	2	3	273	1,515
0369	0	1,022	5	0	67	0	0	0	9	33	2	0	0	4	889	0	0	1	12	24	0	0	84	2,152
0370	1	662	22	0	1	0	0	0	6	2	5	0	0	4	2,283	0	0	0	3	12	0	1	79	3,081
0372	3	7	28	0	64	0	0	0	14	40	1	0	1	167	1,303	0	0	5	0	0	85	1	26	1,745
0373	154	6	29	1	21	0	0	0	17	34	0	0	0	62	3,156	0	0	1	0	0	13	4	36	3,534
0374	13	1	17	0	249	0	0	0	13	22	1	0	0	379	1,115	0	0	5	0	0	45	0	27	1,887
0375	0	9	0	1	217	6	0	0	0	0	14	0	0	2	278	0	0	0	0	8	1	11	609	1,156
0376	159	69	14	2	23	0	0	0	12	49	5	0	0	3	513	0	0	1	1	91	0	214	873	2,029

Table 2: Catch summary (lbs) of important species by haul from the Northeast Fisheries Science Center's Spring Bottom Trawl Survey, March 04, 2022 - May 11, 2022 .

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
0377	0	74	412	0	2	0	0	0	10	63	0	0	0	18	2,676	0	0	5	0	4	7	157	150	3,578
0378	0	28	77	0	0	0	0	0	7	5	0	0	0	24	747	0	0	1	0	1	10	66	29	995
0379	0	5	7	59	131	0	0	0	1	258	0	0	13	33	62	0	0	0	0	68	0	567	354	1,558
0381	63	1	50	0	1	0	0	0	21	3	0	0	0	703	1,268	172	0	4	0	0	4	0	33	2,323
0382	2,270	14	17	2	5	0	0	0	9	2	0	0	0	124	2,148	205	0	0	0	1	36	3	176	5,012
0383	17	0	3	0	0	0	0	0	7	3	0	0	0	162	694	29	0	10	0	0	0	0	43	968

Figure 3. Total number of Acadian redfish (left) and American lobster (right) per tow from the Northeast Fisheries Science Center's Spring Bottom Trawl Survey, March 04, 2022 - May 11, 2022.

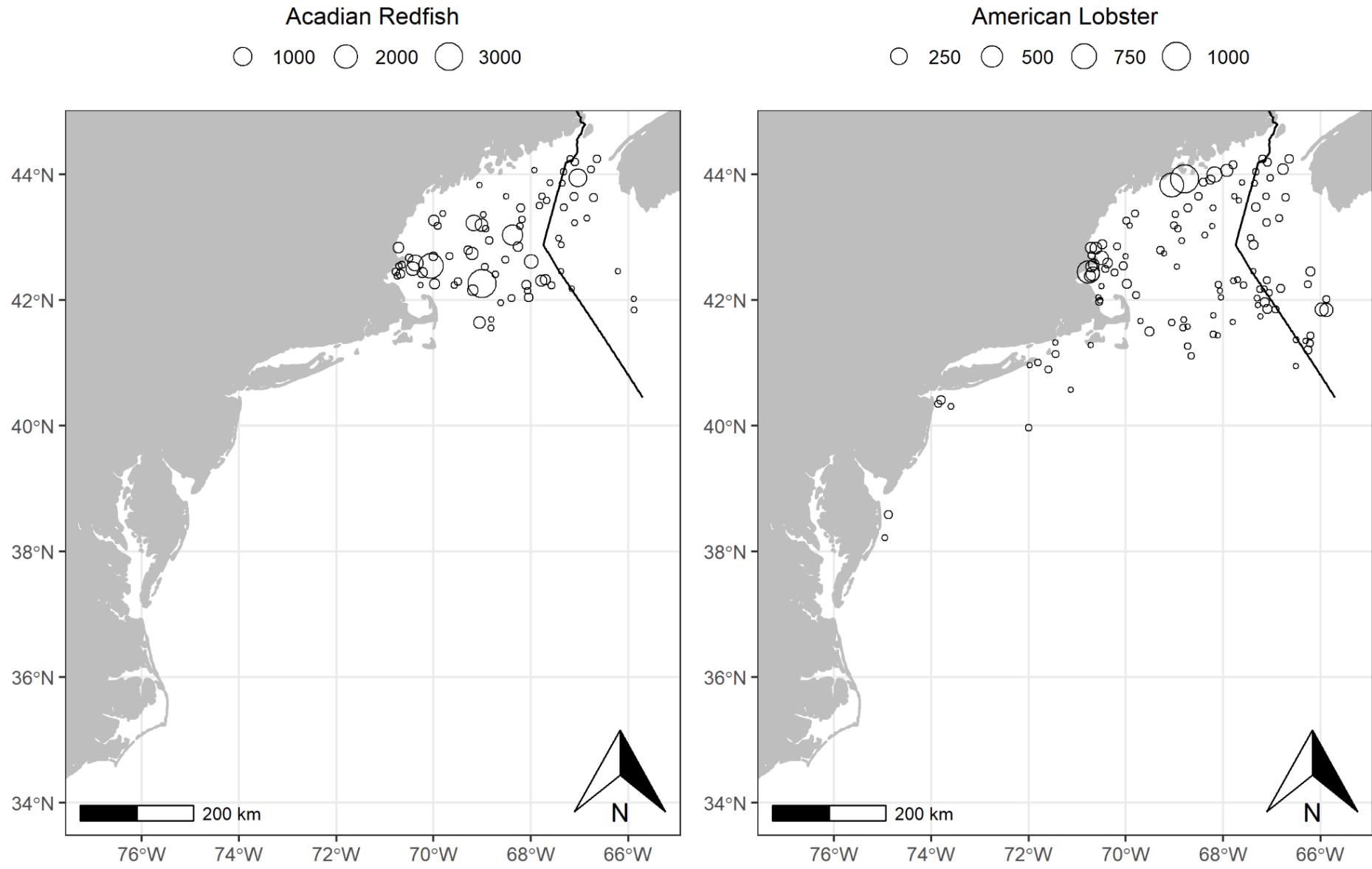


Figure 4. Total number of American plaice (left) and Atlantic cod (right) per tow from the Northeast Fisheries Science Center's Spring Bottom Trawl Survey, March 04, 2022 - May 11, 2022.

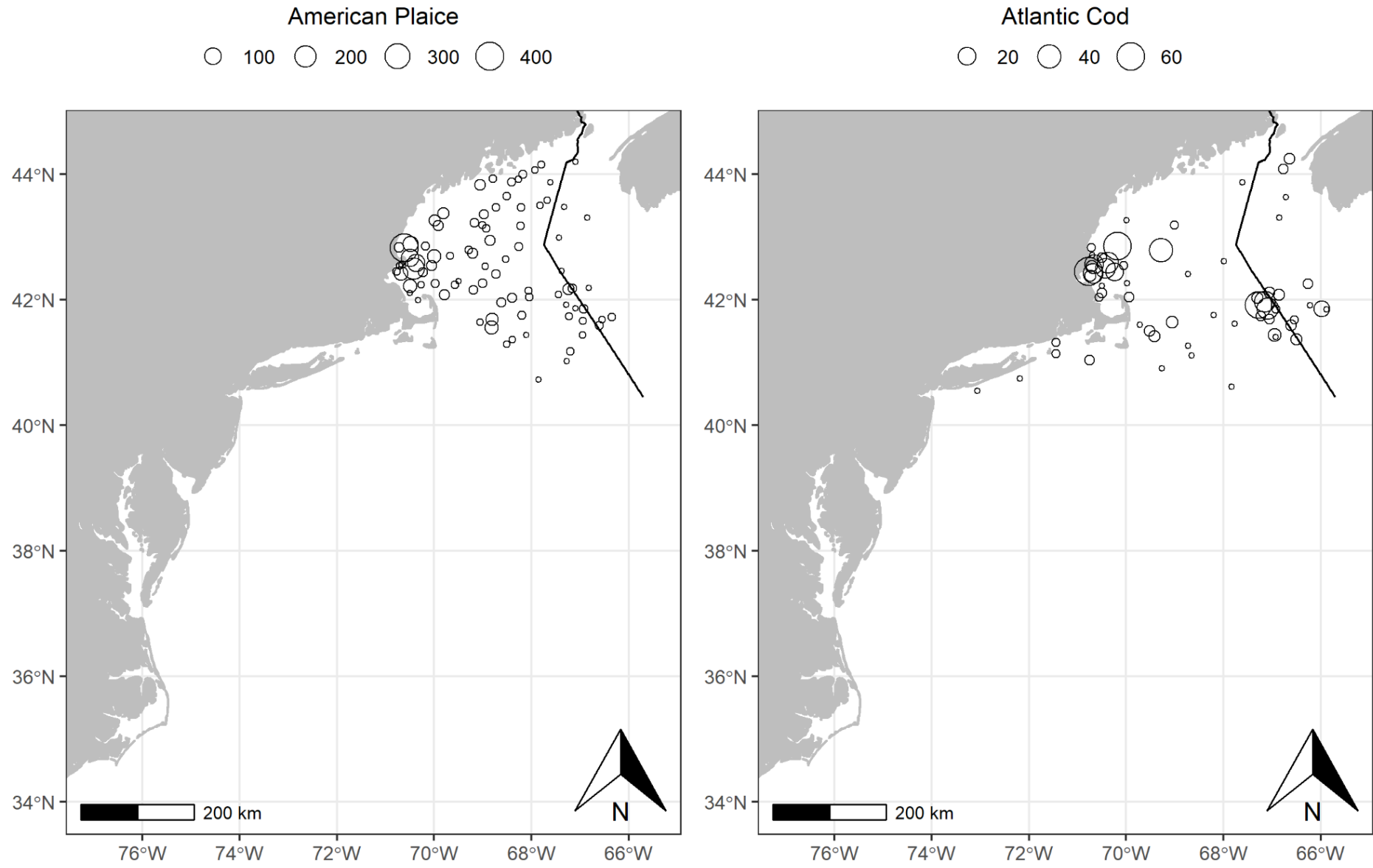


Figure 5. Total number of Atlantic herring (left) and Atlantic mackerel (right) per tow from the Northeast Fisheries Science Center's Spring Bottom Trawl Survey, 2 March 04, 2022 - May 11, 2022.

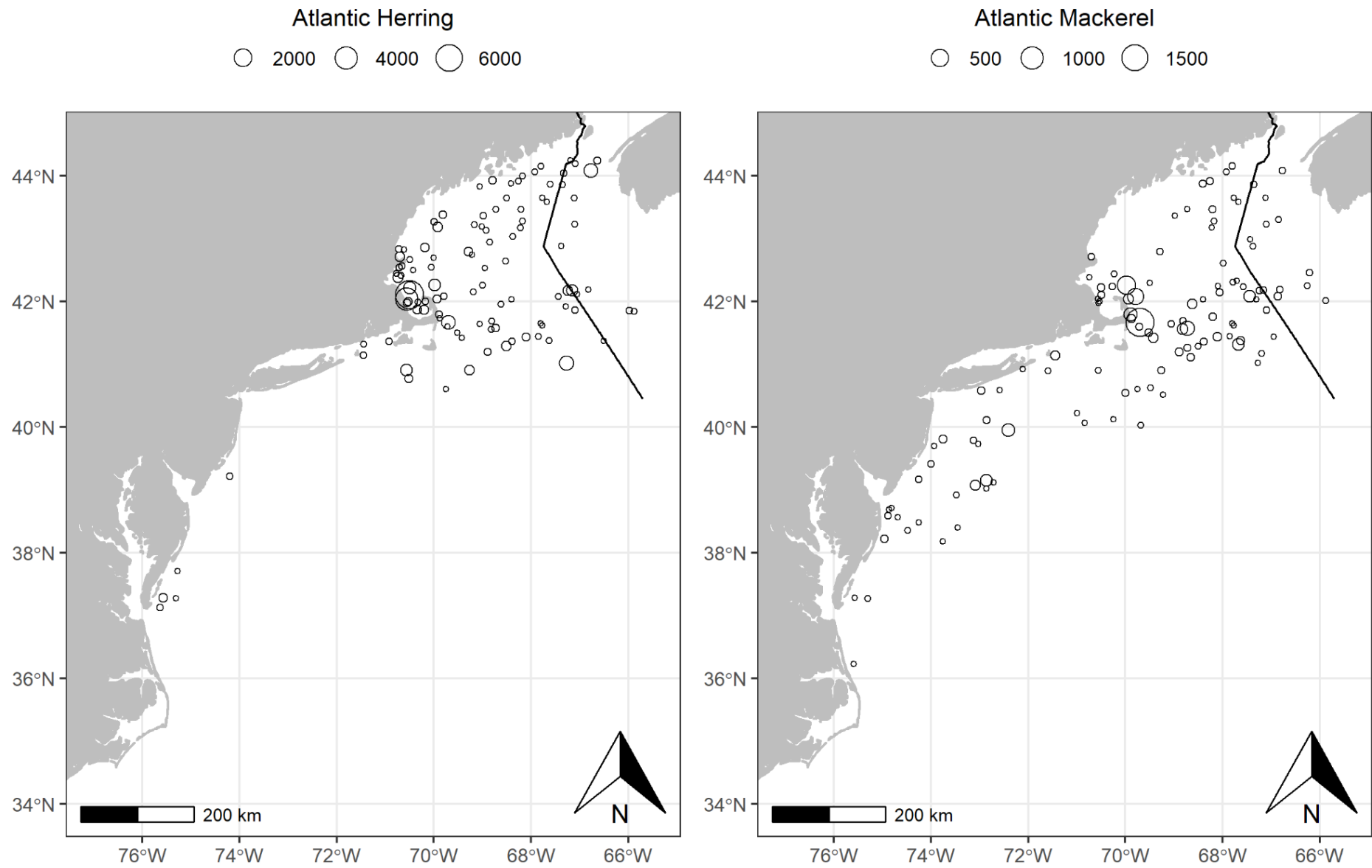


Figure 6. Total number of bluefish (left) and butterfish (right) per tow from the Northeast Fisheries Science Center's Spring Bottom Trawl Survey, March 04, 2022 - May 11, 2022.

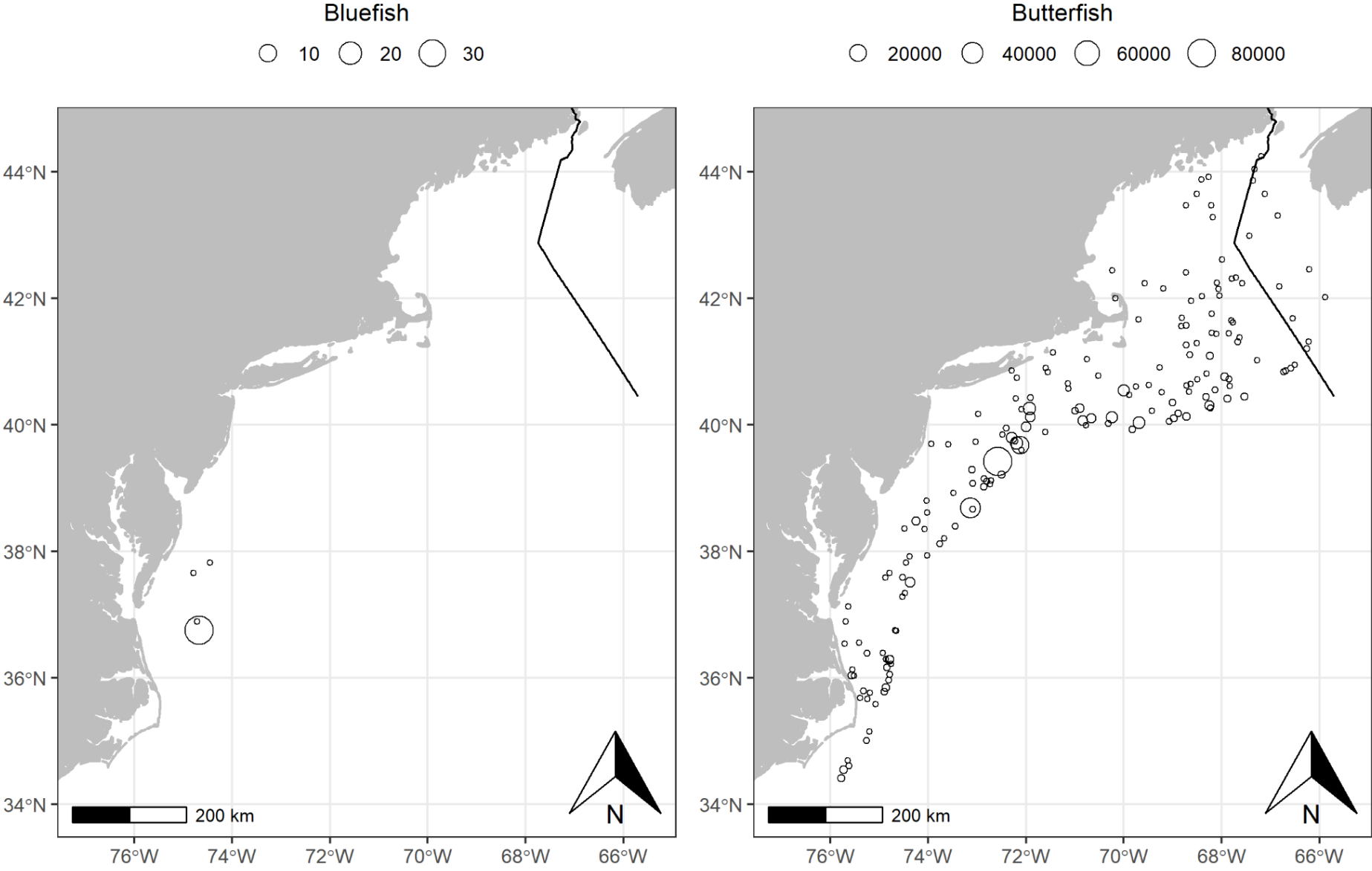


Figure 7. Total number of goosefish (left) and haddock (right) per tow from the Northeast Fisheries Science Center's Spring Bottom Trawl Survey, March 04, 2022 - May 11, 2022.

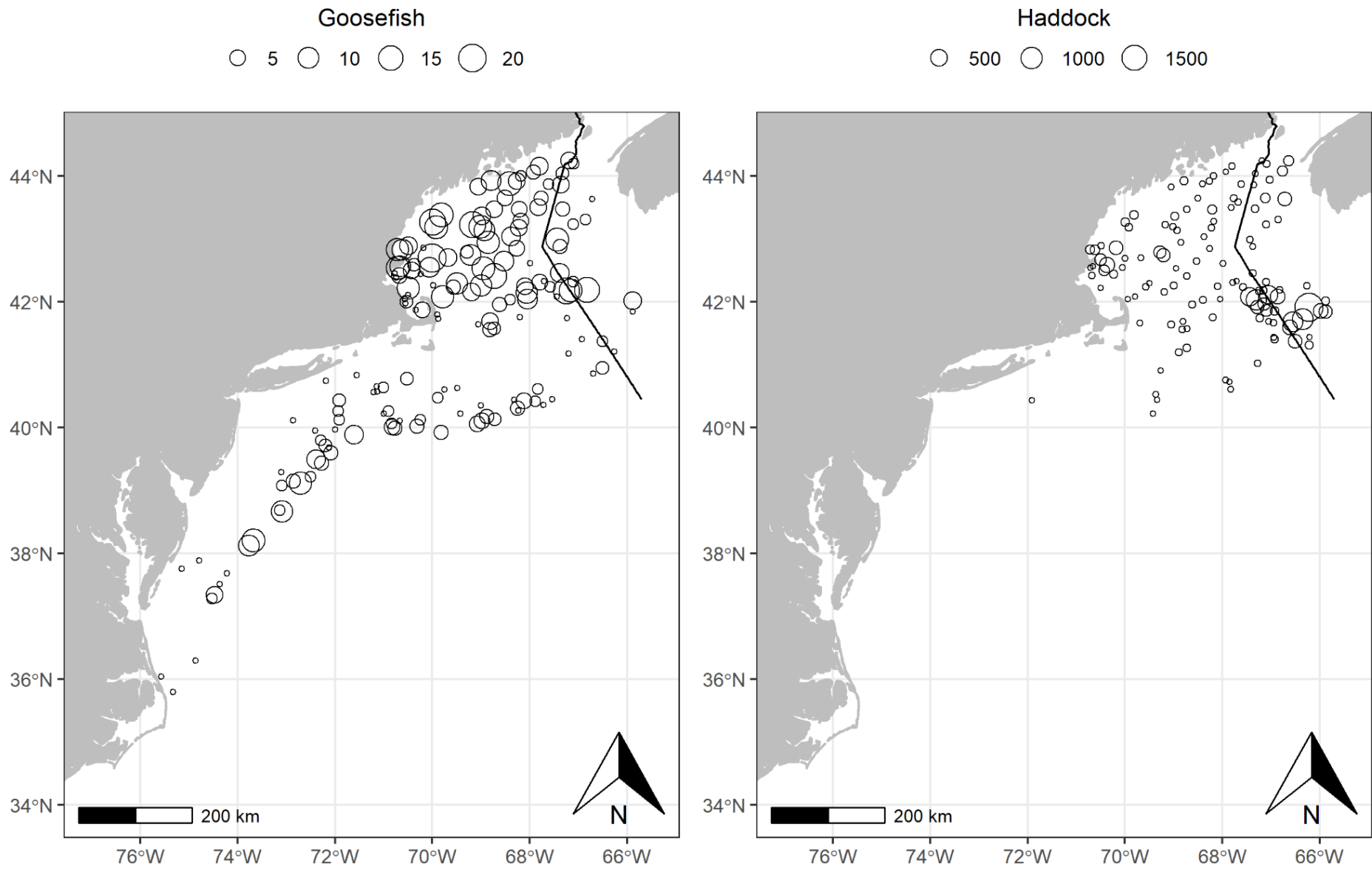


Figure 8. Total number of longfin squid (left) and shortfin squid (right) per tow from the Northeast Fisheries Science Center's Spring Bottom Trawl Survey, March 04, 2022 - May 11, 2022.

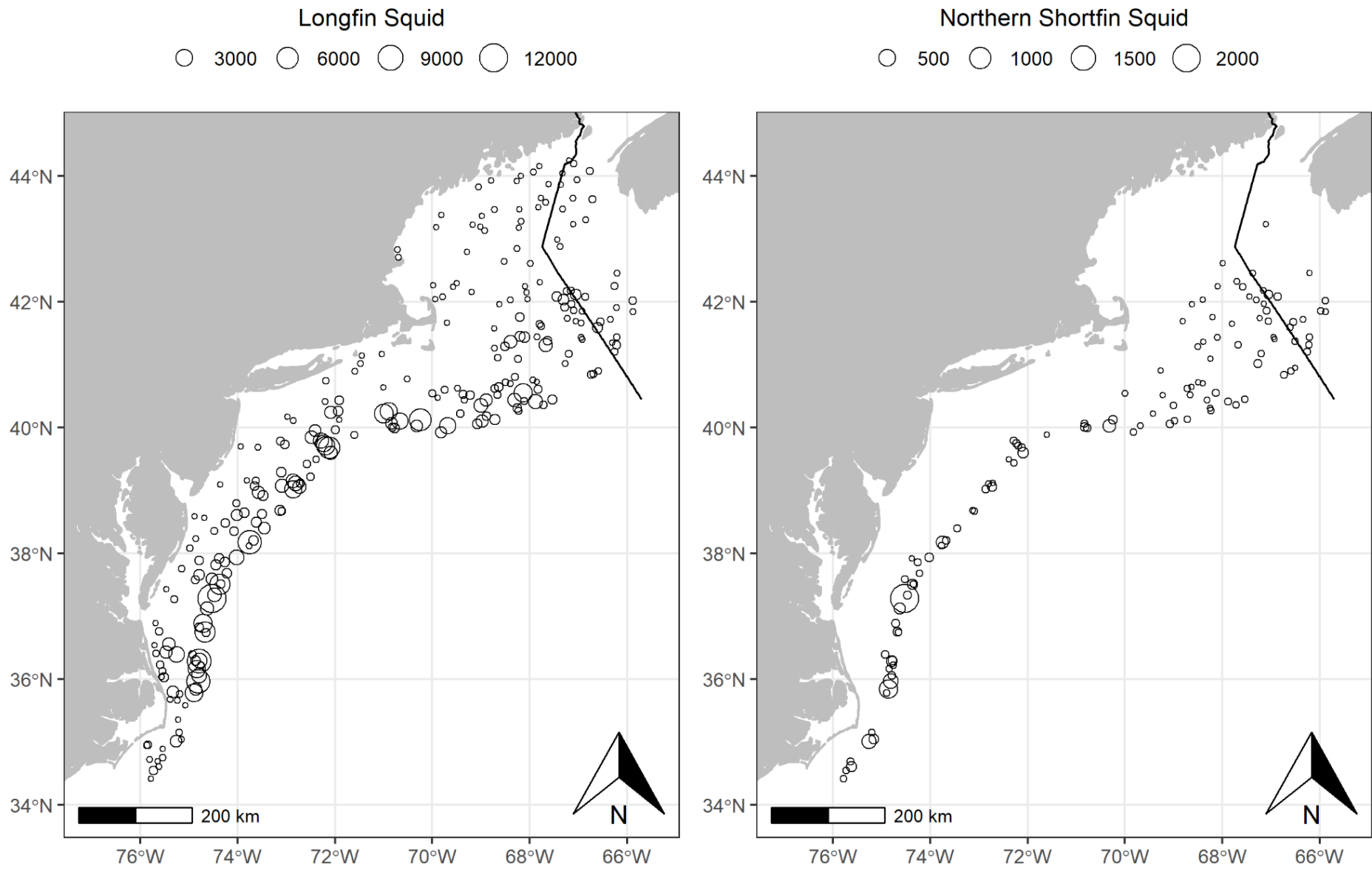


Figure 9. Total number of pollock (left) and red hake (right) per tow from the Northeast Fisheries Science Center's Spring Bottom Trawl Survey, 2 March 04, 2022 - May 11, 2022.

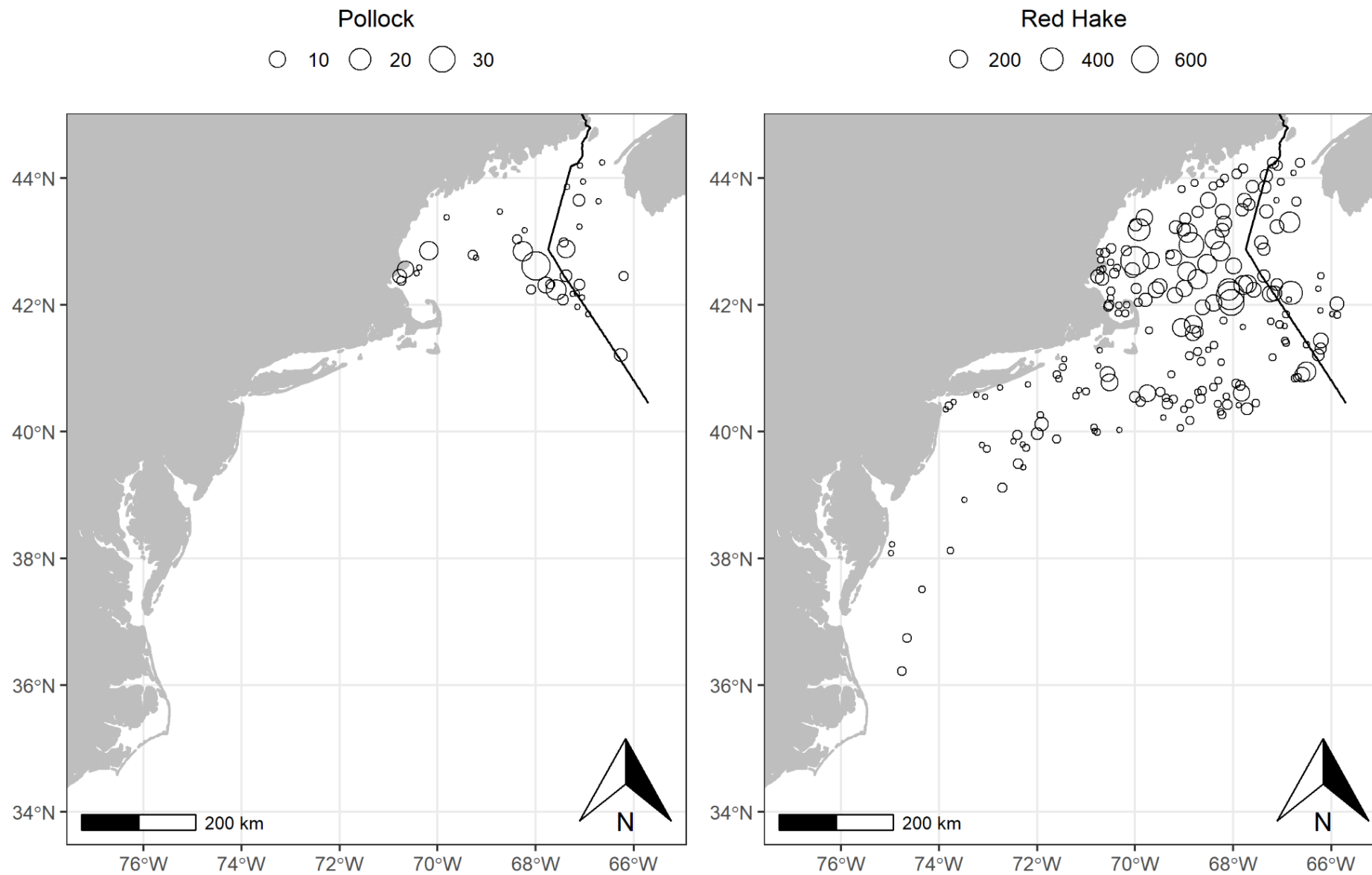


Figure 10. Total number of silver hake (left) and spiny dogfish (right) per tow from the Northeast Fisheries Science Center's Spring Bottom Trawl Survey, March 04, 2022 - May 11, 2022.

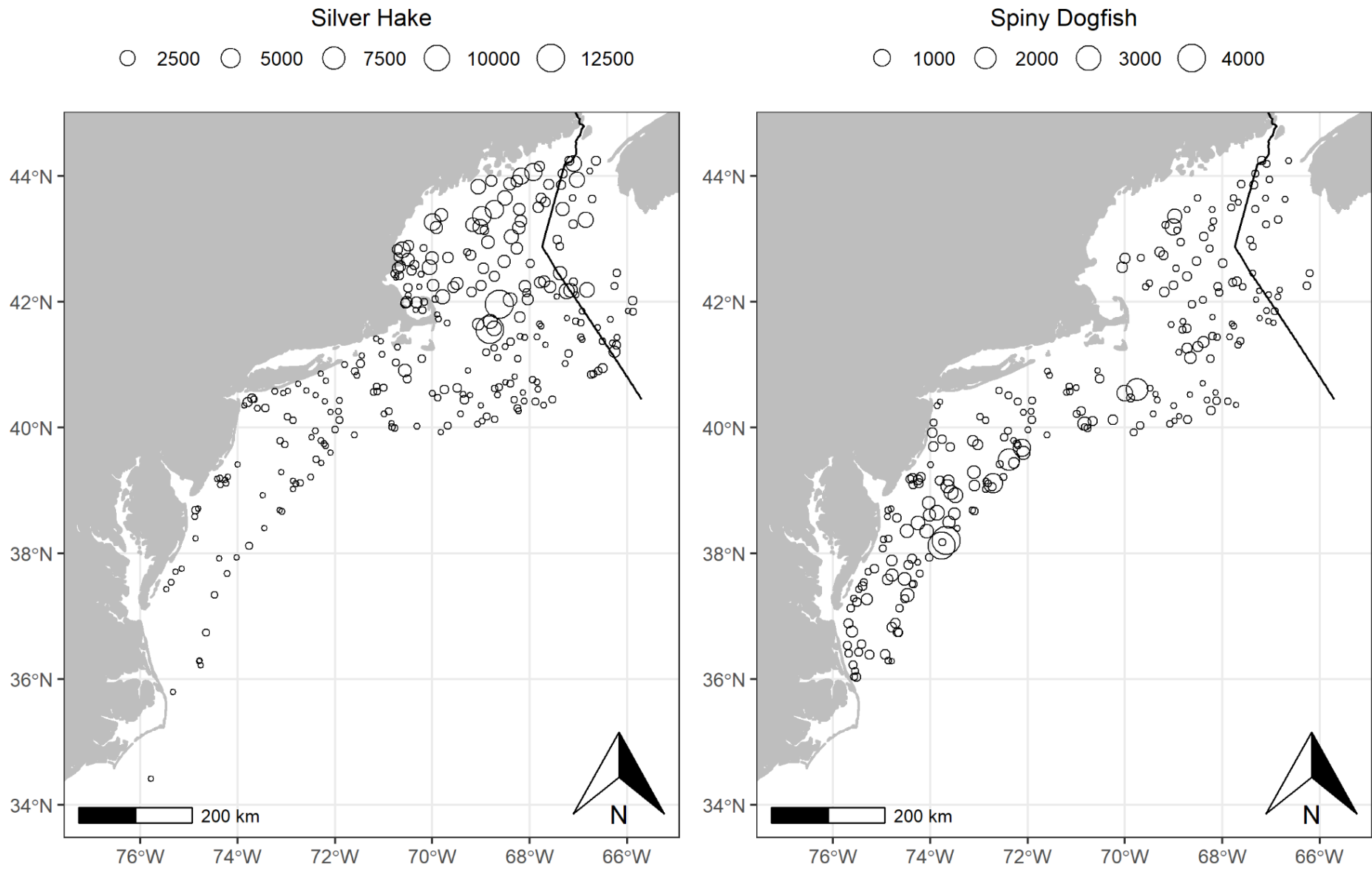


Figure 11. Total number of summer flounder (left) and white hake (right) per tow from the Northeast Fisheries Science Center's Spring Bottom Trawl Survey, March 04, 2022 - May 11, 2022.

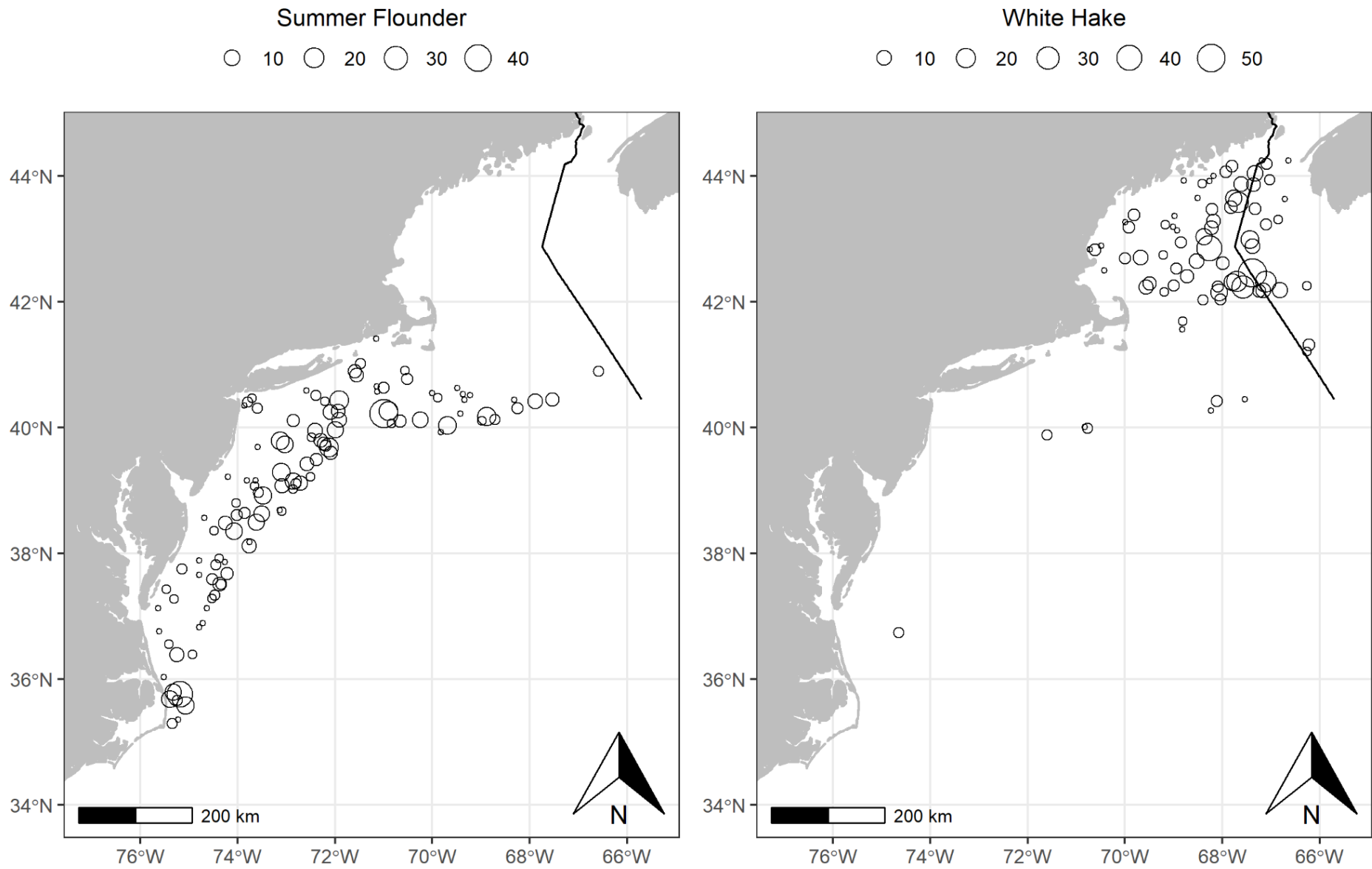


Figure 12. Total number of windowpane flounder (left) and winter flounder (right) per tow from the Northeast Fisheries Science Center's Spring Bottom Trawl Survey, March 04, 2022 - May 11, 2022. 11.

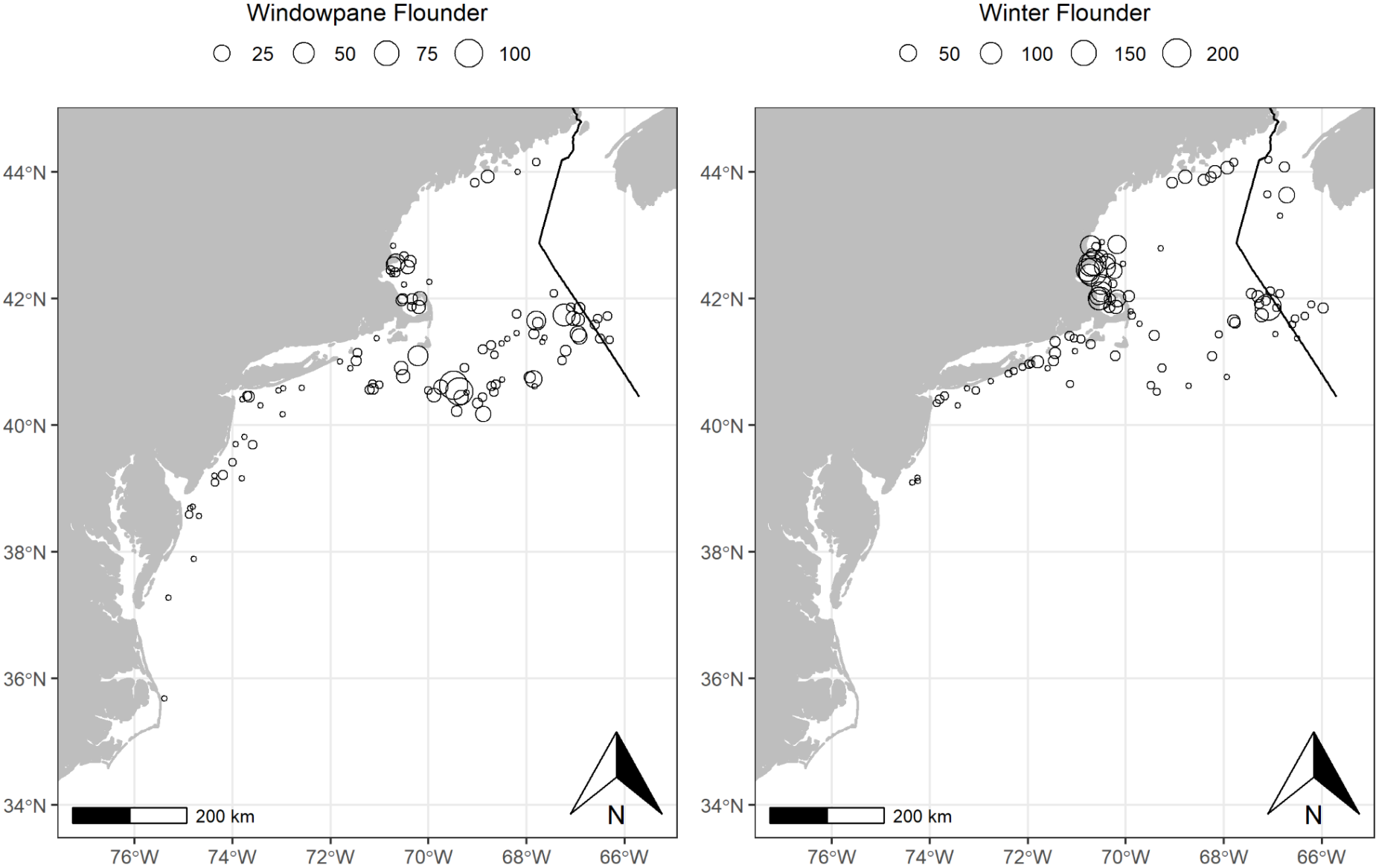


Figure 13. Total number of witch flounder (left) and yellowtail flounder (right) per tow from the Northeast Fisheries Science Center's Spring Bottom Trawl Survey, March 04, 2022 - May 11, 2022.

