8246-8296

ORIGINAL LOG BOOK OF THE "FISH HAWK"

UNITED STATES FISH COMMISSION

STATION RECORDS

Numbers 8246 to 8296

Station No. 8246 Date: Sept 2 1914

Hour: 5:55 P.M. to 7:00 P.M.

Position: Lat. 34° 17' 46" N Long. 75° 53' 10" W

Locality: Gulf stream

Depth: 158 fm Bottom: Sample:

Wind: Direction, S.W. Force, 3

Sea: Moderate Sky: partly clear

TEMPERATURES

Depth	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used
L	NZ 80479	84				S	Ekman
R	NZ 98267	84.5				S	
50 fm L	"	72.5					
R	"	73					
75 fm L	"	67.5					
R	"	68					
100 fm L	"	64.6					
R	"	65					
150 fm L	"	61					
R	"	61.5					
L							
R							
L							
R							

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: Transparency:

REMARKS:

11—5314

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	
8' Beam trawl	158 fm	6:30	6:50	slow
3 Nets tow	surface	6:25	7:00	slow

11—5314

NOTES

Course S.W.

Depth at end of run 121 fms

Station No. 8247 Date: Sept 3 1914

Hour: 9:25 A.M. to 10:30 A.M.

Position: Lat. 34° 11' 05" N Long. 75° 58' 00" W

Locality: Gulf Stream

Depth: 98 fms Bottom: Sample:

Wind: Direction, SW Force, 3

Sea: Moderate Sky: partly clear

TEMPERATURES

Depth		Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used
	L	NZ#80479	83.6				S	Ekman
	R	NZ#98267	not working				S	"
10 fm	L	" "	83					"
	R	" "	83.6					"
50 fm	L	" "	71					"
	R	" "	71.4					"
75 fm	L	" "	66.2					"
	R	" "	66.6					"
98 fms	L	" "	62.2					"
	R	" "	62.7					"
	L	" "						
	R							
	L							
	R							

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: Transparency:

REMARKS:

11—5314

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	
8 Beam trawl	98 fms	9:50	10:20	slow
2 Tow nets	surface	9:50	10:30	slow

11—5314

NOTES

Cause E.S.E.

Depth at end of run 129 fms

Station No. 8248 Date: Sept 3 1914

Hour: 10:45 P.M. to 12:10 .M.

Position: Lat. 34° 12' 52" N Long. 76° 01' 58" W

Locality: Gulf stream

Depth: 167 fm Bottom: Sample:

Wind: Direction, SW Force, 1

Sea: Moderate Sky: partly clear

TEMPERATURES

Depth	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used
L	NZ 80479	83.5					
R	NZ 98267	84					
50 fm L		70.8					
R		71.2					
100 fm L		63.4					
R		63.8					
150 fm L		57.2					
R		57.6					
L							
R							

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: Transparency:

REMARKS:

11—5314

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	
8' Beam trawl		11:30	11:55	slow
2 Tow Nets		11:30	12:10	slow

11—5314

NOTES

Course S.E.

Depth at end of run 208 fms

Station No. 8249 Date: Sept 3 1914

Hour: 1:55 P.M. to 7:10 P.M.

Position: Lat. 34° 12' 00" N Long. 76° 04' 56" W.

Locality: Gulf stream

Depth: 47 fms Bottom: Sample:

Wind: Direction, S.W. Force, 3

Sea: Moderate Sky: Partly clear

TEMPERATURES

Depth	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used
L	NZ # 80479	82				S	Ekman
R	NZ 98267	83.7				S	
19 fm L	" "	82.8					
R	" "	83.2					
50 fm L	" "	67.8					
R	" "	68.2					
L	" "						
R	" "						
L	" "						
R	" "						

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: Transparency:

REMARKS:

11—5314

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	
8' Beam trawl	17 fm	1:55	2:10	slow
2 Tow Nets	surface	1:55	2:10	slow

11—5314

NOTES

Course E.S.E.
Depth at end of run 58 fms

Station No. 8250 Date: Apr 26 1915

Hour: 9:30 P.M. to 10 P.M.

Position: Lat. Long.

Locality: Boca Grande Fla. Just inside of Pass.

Depth: 5 1/2 f Bottom: hard Sample:

Wind: Direction, N.E. Force, 3

Sea: Smooth Sky: Clear

TEMPERATURES

Depth	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: Transparency:

REMARKS:

11—5314

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	
3 1-ft tow nets	surface	30	—	anchor
1 4-" "	"	"	—	"
1 3 " "	"	"	—	"
1 Dahlgren "	"	"	—	"

11—5314

NOTES

Strong ebb tide.
Fish Hawk at anchor.

A good lot of specimens, preserved in formalin.

Station No. 8251 Date: Apr 27 191 5

Hour: 9 am . M. to 3 P . M.

Position: Lat. Long.

Locality: Boca Grande Sta.

Depth: 5½ f Bottom: hard Sample:

Wind: Direction, N.E. Force,

Sea: moderate Sky: clear

TEMPERATURES

Depth	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction
5½ fm	9 a m	Flood	10 min.	1195		S. Br. (14)
"	10 "	"	"	1190		" (13)
"	11 "	"	"	1240		" (0)
"	12 m.	Ebb	"	845		NE x N. (12)
"	1 P.M.	"	"	940		North (10)
"	2 "	"	"	1420		N. N. W. (11)
"	3 "	"	"	1690		N. (14)

Color of water: Transparency:

REMARKS:

11—5314

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	
3 1-ft tow nets	surface	½ hr	—	anchor
1 Dahlgren "	"	"		"

11—5314

NOTES

Tow nets were out from 11 to 11³⁰ a.m. Inside of pass
Depth 5½ fathoms
Flood tide
Fair haul, preserved in formol
Fish Hawk at anchor.

Current meter used from whale boat 200 yds from ship. from 9 am to 3 P.M.

Station No. 8252. Date: Apr 29 191 5

Hour: 4 P. M. to 10 P. M.

Position: Lat. Long.

Locality: Boca Grande, Fla

Depth: 5 ½ fm Bottom: fluid sand Sample:

Wind: Direction, N.W. Force, 3

Sea: Calm Sky: Clear

TEMPERATURES

Depth	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction
5 ½	4 PM	Ebb	10 min	835	—	N.E.x.E 14
5 ½	5 "	"	"	1265	—	N.E.x.E 14
5 ½	6 "	"	"	535	—	N.E 13
5 ½	7 "	Flood	"	1665	—	S.W.x.W (13)
5 ½	8 "	"	"	1720	—	S.W.x.S (13)
5 ½	9 "	"	"	1646	—	S.W.x.W 13
" "	10 "	"	"	1345		S.S.W 14

Color of water: Transparency:

REMARKS:

11—5314

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	
1 4-ft low net	surface	½hr	—	anchor
1 3-ft "	"	"	—	"
1 Dahlgren "	"	"	—	"
3 1-ft "	"	"	—	"
7³⁰ P.M. to 8 P.M.		Flood tide		

11—5314

NOTES

Fish Hawk anchored just inside pass

Good haul made with the low nets, Preserved in formalin.

Station No. 8253 Date: Apr. 27-28 1915

Hour: 11 p. M. to 5 am. M.

Position: Lat. Long.

Locality: Boca Grande, Fla

Depth: 5½ f Bottom: hard Sample:

Wind: Direction, — Force, —

Sea: Smooth Sky: Clear

TEMPERATURES

Depth	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction
15 ft.	11 P.M.	Flood	10 min	15.20	—	S.W. x S 11
"	12 "	"	"	15.60	—	W. x S 9
"	1 a.m.	Ebb	"	3.45	—	SE x S - 6
"	2 "	"	"	10.45	—	N.E. - 9
"	3 "	"	"	17.40	—	north - 9
"	4 "	"	"	16.50	—	North (9)
"	5 "	"	"	7.55	—	N x W. (9)

Color of water: Transparency:

REMARKS:

11—5314

Meter, from side of ship

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	

11—5314

NOTES

Station No. 8254 Date: Apr 28 1915

Hour: 6 a.m. to 9 am. M.

Position: Lat. Long.

Locality: Boca Grande, Fla.

Depth: 5½ f Bottom: hard, sand Sample:

Wind: Direction, Force,

Sea: Sky:

TEMPERATURES

Depth	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction
15 ft.	6 am	Flood	10 min	355	—	S.W. (8)
"	7 am	"	"	285	—	S.W. (12)
"	8 "	"	"	2030	—	S.E. (12)
"	9 "	"	"	1635	—	N (4)

Color of water: Transparency:

REMARKS:

11—5314

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	

11—5314

NOTES

Station No. 8255. Date: Apr 28 1915

Hour: 7 P.M. to 8 P.M.

Position: Lat. 25° 49' N, 25 46 N Long. 87° 08' 30" W begin, 82 07 30 W end

Locality: Gulf of Mexico

Depth: — Bottom: — Sample: —

Wind: Direction, N.W. Force, 3

Sea: Moderate Sky: Partly clear

TEMPERATURES

Depth	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used
Surface							

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: Transparency:

REMARKS:

11—5314

NETS, ETC., USED

	Description	Depth	TIME Down	TIME Up	Speed
3	1-ft tow nets	surface	1 hr	—	slow
1	4-ft "	"	"	—	"
1	3-ft "	"	"	—	"
1	Dahlgren "	"	"	—	"

11—5314

NOTES

Surface:-

Salinity	Temp.	Condition
1.0245	22°C	clear.

25 miles due west of Cape Romano;

Course from Buoy off Boca Grande to Smith Shoal Buoy.
S x E ⅛ E

Dahlgren Net was damaged, no catch in it.

Speed 2.1 knots per hour.

Station No. 8256 Date: Apr 30 1915

Hour: 7 P. M. to 9 P. M.

Position: Lat. Long.

Locality: Anchored Hawk Channel. Fla off Alligator Reef Light House

Depth: 18 ft Bottom: hard Sample:

Wind: Direction, S-W Force, 2

Sea: smooth Sky: clear

TEMPERATURES

Depth	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: Transparency:

REMARKS: 11—5314

The "herring" were very abundant around the overhanging light.

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	

11—5314

NOTES

	Sal.	Temp	Cond.
Surface	1.0244	24½	clear
18 ft.	"	"	"

2 — "Herring" 7, 7½ in

5 Red Grouper 16, 12, 15, 12
22½ in
largest weighed 6½ lbs

17 Grunt. 11, 12½, 10½, 11.
9¼, 10¼, 10¼, 11, 10.
11, 8½, 10¼, 11, 11.
10½, 10½, 7½ inches

2 Crabs.

1 Eel.

and a number of small fishes were taken, the larger ones with hook + line, + the smaller ones with dip net.

No tidal current.

Fish lines + dip net used.

Station No. 8257 Date: May 1 1915

Hour: 6:45 P.M. to 7 30 P.M.

Position: Lat. Long.

Locality: Atlantic Ocean, near Hillsboro Light House, Florida 3½ mi. off shore. Fla

Depth: — Bottom: — Sample: —

Wind: Direction, South Force, 2

Sea: moderate Sky: partly covered

TEMPERATURES

Depth	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: Transparency:

REMARKS:

11—5314

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	
1 4 ft low-net	surface		—	slow.
1 3 " "	"			
1 Dahlgren "	"	-		
3 1-ft "	"			

11—5314

NOTES

	Sal.	Temp	Cond
Surface	1.0236	25.	clear

Speed 2 knots per hour.

5 flying fish
1 squid
crabs, small fishes, etc

{1 bottle
1 pr. fruit jar.
4 flying fish in tank.}

Central Time

Station No. 8258 Date: May 2 1915

Hour: 7 P.M. to 8 P.M.

Position: Lat. Long.

Locality: Atlantic Ocean, near Mosquito Inlet L.H. 6 mi off Daytona, Fla.

Depth: — Bottom: — Sample: —

Wind: Direction, 0 Force, 0

Sea: Smooth Sky: Partly cloudy

TEMPERATURES

Depth	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: Transparency:

REMARKS:

11—5314

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	
1 4-ft towned	surface			slow
1 3 " "				
1 Dahlgren "				
3 1-ft "				

11—5314

NOTES

	Sal.	Temp	Cond
Surface	1.0233	24°	clear.

Speed 2 knots.

a number of small fishes, and winged ants, bugs, sea weeds, etc.

{1 bottle
1 qt. fruit jar}

Eastern Time

Station No. 8259 Date: May 3 1915

Hour: 8 P. M. to 9 P. M.

Position: Lat. Long.

Locality: Atlantic Ocean, 16 mi off Sapelo Island Light House, Ga.

Depth: Bottom: Sample: —

Wind: Direction, S W Force, 3

Sea: Smooth Sky: Clear

TEMPERATURES

Depth	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: Transparency:

REMARKS:

11—5314

NETS, ETC., USED

Description	Depth	TIME Down	TIME Up	Speed
1 4-ft tow net	surface	1 hr		slow
1 3-ft "	"	"		
1 Dahlgren "	"	"		
3 1-ft "	"	"		

11—5314

NOTES

	Sal.	Temp	Cond.
surface	1.0214	23.	clear.

Speed. 1 knot.

a no. of small fishes, crabs etc. preserved in formalin.

{ 3 small bottles
1 pt fruit jar. }

Station No. 8260 Date: May 6 1915

Hour: 3^15 P. M. to 3^35 P. M.

Position: Lat. Long.

Locality: 6 mi. Off Beaufort N.C.

Depth: — Bottom: — Sample:

Wind: Direction, 0 Force, 0

Sea: Smooth Sky: Clear.

TEMPERATURES

Depth	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: Transparency:

REMARKS:

11—5314

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	
1 4-ft low net	surface			slow.
1 3-" "				
1 Dahlgren "		-		
3 1-ft "				

11—5314

NOTES

	Sal	Temp	Cond
Surface	1.023	19°	clear.

Speed = 1 knot.

Some very small fish; spawn, etc

Station No. 8261 Date: May 6 1915

Hour: 7 P.M. to 9 P.M.

Position: Lat. Long. In Beaufort Harbor

Locality: Off Beaufort Laboratory N.C.

Depth: — Bottom: — Sample: —

Wind: Direction, S-E Force, light breeze

Sea: smooth Sky: clear

TEMPERATURES

Depth	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: Transparency:

REMARKS:

11—5314

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	
1 4-ft low net	surface			slack
1 Dahlgren "				
1 1-ft "				

11—5314

NOTES

	Sal.	Temp	Cond
surface	1.020	24	clear

Mostly phosphorescent jelly-fish, with two or three very small fishes

Fish Hawk at Anchor.

Tide slack.

1 qt jar. preserved by formalin.

Station No. 8262 Date: May 8 1915

Hour: 8 P. M. to 9 P. M.

Position: Lat. Long.

Locality: In Adams Creek, Near Neuse River, NC.

Depth: Bottom: Sample:

Wind: Direction, S.W. Force, 7

Sea: rough Sky: Cloudy

TEMPERATURES

Depth	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: Transparency:

REMARKS:

11—5314

NETS, ETC., USED

	Description	Depth	TIME		Speed
			Down	Up	
2	1-ft low-nets	surface	1 hr	—	—

11—5314

NOTES

Ship aground.

	Sal	Temp	Cond
Surface	1.008	22°	clear / stained

Depth of water 5–11 ft. around the ship.

The catch consisted of a number of phosphorescent jelly fish. No small fish.

No current or but very little. Low tide.

1 bottle preserved in formalin.

Station No. 8263 Date: May 9 1915

Hour: 8 P. M. to 9 P. M.

Position: Lat. Long.

Locality: Palmico Sd. N.C. 15 mi S.W of Long Shoal Light.

Depth: 20 ft Bottom: — Sample: —

Wind: Direction, S.W. Force, 2

Sea: Moderate Sky: Pt. cloudy

TEMPERATURES

Depth	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: Transparency:

REMARKS:

11—5314

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	
2 1-ft tow nets	surface	1hr	—	anchor

11—5314

NOTES

Ship at anchor.

	Sal.	Temp	Cond
Surface	1.0104	22	clear

Depth 20 ft.

No current.

The catch consisted of a small no. of phosphorescent jelly fish.

1 bottle preserved in formalin.

8250 8264

Station No. ~~8264~~ Date: July 6 1915

Hour: 2.52 P.M. to .M. 3-34

Position: Lat. 34°19' Long. 76° 52'

Locality: (6¼ mi. S.W. off fishing buoy) Onslow Bay

Depth: 2½ - Bottom: smooth, Sample: Sand & coral

Wind: Direction, East Force, 2

Sea: moderate Sky: Partly clear

TEMPERATURES

Depth	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: Transparency:

REMARKS:

11—5314

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	
8' beam trawl	14½	2 53 pm	3-24 pm	[illegible]

11—5314

NOTES

Poor mud bag -
15½ fathoms at end of run

8263
8210
13

Station No. 8251 Date: July 6 1915 8265

Hour: 4-20 P. M. to . M. 4-50 P.m.

Position: Lat. 34° 14' 45" Long. 76° 50' 30"

Locality: Onslow Bay, 19½ miles SW of Buoy

Depth: 16 fat. Bottom: R, S, after 5" Sample: Sand, broken shells + gravel

Wind: Direction, S.E. Force, 2

Sea: Mod. Sky: Partly cloud

TEMPERATURES

Depth	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: Transparency:

REMARKS:

11—5314

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	
8' beam trawl	16 fath.	4:30	4:43	Slow

NOTES

Rough bottom to begin, smooth after 5 min.

16 fathoms at end of run

Station No. 8253 8266 Date: July 6 1915

Hour: 6-25 A. M. to 6-45 P. M.

Position: Lat. 34° 6' 45" N. Long. 77° 41' W.

Locality: Onslow Bay
2½ mi. S.W. of Buoy.

Depth: 16½ fath. Bottom: Smooth Sample: Sand, with Coral.

Wind: Direction, S.E. Force, 1

Sea: Mod. Sky: Partly Cloudy

TEMPERATURES

Depth	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: Transparency:

REMARKS:

11—5314

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	
8' beam trawl	16½	6.35	6.45	Slow

11—5314

NOTES

Course S. W.
Dredding direction - S.W., W.
1/2 S.
with mud bag
16½ fath. at end of run.

at 7.05 pm put over 2-4 ft.
Stramen nets, Hauled in net
at 7.20

8767

Station No. 8253 Date: July 9 1915

Hour: . M. to . M.

Position: Lat. 33°-13'-22" Long. 79° 11' 07"

Locality: Winyah Bay SC

Depth: 5 fms Bottom: hard Sample: sand

Wind: Direction, NE Force, 5

Sea: Sky: Partly clear

TEMPERATURES

Depth	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: Transparency:

REMARKS:

11—5314

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	
4" Stramen				

11—5314

NOTES

Ctr over 1 hr. 37 min
Fished thru flood tide

8268

Station No. 8254 Date: July 10 1915

Hour: 8 35 A.M. to 9 20 A.M.

Position: Lat. 33° 13' 22" Long. 79° 11' 07"

Locality: Winyah Bay SC

Depth: 5 fms Bottom: hard Sample: sand

Wind: Direction, N.E. Force, 5

Sea: Smooth Sky: Partly clear

TEMPERATURES

Depth	Schmidt & Vossberg Thermometer Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used
S	#9384 #541	27 C					~~[illegible]~~
4½ fms		26½ C					

B.S. #8140
7277-NZ

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: Transparency:

REMARKS:

11—5314

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	
8' Beam trawl	5/2 fms	am 8:36	am 9:00	knots 2 1/2

11—5314

NOTES

8769

Station No. 8255 Date: July 10 1915

Hour: 10 AM to 10.45 A. M.

Position: Lat. 33° 13' 22" Long. 79° 11' 07"

Locality: Winyah Bay, S.C.

Depth: 5 fms Bottom: hard Sample:

Wind: Direction, N.E. Force, 5

Sea: Smooth Sky: Partly cloudy

TEMPERATURES

Depth	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used
	7277-N.Z.						
S	"	82					
5 fms	"	80.5					

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: Transparency:

REMARKS:

11—5314

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	
8' beam trawl and mud bag	5 fms	~~am~~ 10:15	~~am~~ 10:30	2½ knots

11—5314

NOTES

8270

Station No. 8256 Date: July 10 1915

Hour: 11:25 A. M. to . M.

Position: Lat. 33° 18' 22" Long. 79° 11' 07"

Locality: Winyah Bay S.C.

Depth: 4½ fm Bottom: hard Sample:

Wind: Direction, N.E. Force, 5

Sea: Smooth Sky: Partly cloudy

TEMPERATURES

Depth	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used
	7277-NZ						
S		81.5					
5 fm		80.5					

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: Transparency:

REMARKS:

11—5314

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	
Otter trawl	4½ fms	am 11.25	am 11.45	4 knots

11—5314

NOTES

45 fms wire on otter trawl

Torr trawl on bottom. losing fish.

8271

Station No. 8257 Date: July 10 1915

Hour: 1.25 P.M. to 1.35 P.M.

Position: Lat. 33° 11' 27" Long. 79° 11' 07"

Locality: Winyah Bay, S.C.

Depth: 5 fms Bottom: hard Sample:

Wind: Direction, NE Force, 5

Sea: Smooth Sky: Pt. cloudy

TEMPERATURES

Depth	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used
	7277-N.Z.						

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: Transparency:

REMARKS:

11—5314

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	
8' Beam trawl	5 fms	Pm 1.25	Pm 1.35	2
~~8'~~ " "		1.47		2

11—5314

NOTES

~~"Beam trawl towed twice in one station, dragging for otter trawl.~~

8272

Station No. 8258 Date: July 10 1915

Hour: 1.47 P.M. to 2.15 P.M.

Position: Lat. 33° 13' 22" Long. 79° 11' 07"

Locality: Winyah Bay S.C.

Depth: 5 fms Bottom: Sand Sample:

Wind: Direction, NE Force, 5

Sea: Smooth Sky: Partly cloudy

TEMPERATURES

Depth	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used
	7277 NZ						
S	"	82.5					
5 fms	"	81					

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: Transparency:

REMARKS:

11—5314

5

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	
		PM	PM	
8' Beam trawl	5 fms	1:47	2:06	2

11—5314

NOTES

Dredging direction.
N x W.

8273

Station No. 8259 Date: July 10 1915

Hour: 2:55 P.M. to 3:15 P.M.

Position: Lat. 33° 12' 22" Long. 79° 11' 07

Locality: Winyah Bay S.C.

Depth: 5/4 Bottom: hard Sample:

Wind: Direction, N.E. Force, 5

Sea: Smooth Sky: Pt. cloudy

TEMPERATURES

Depth	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: Transparency:

REMARKS:

11—5314

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	
Otter trawl	5/4	pm 2:55	pm 3:15	2

11—5314

NOTES

8274

Station No. 8260 Date: July 10 1915

Hour: 2.20 P.M. to 2.30 P.M.

Position: Lat. 33° 13' 22" Long. 79° 11' 07"

Locality: Kenjah Bay S.C.

Depth: 5 Bottom: hard Sample:

Wind: Direction, SE. Force, 3

Sea: Smooth Sky: Pt. cloudy

TEMPERATURES

Depth	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: Transparency:

REMARKS:

11—5314

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	
Otter trawl	5	3:15 PM	3:30 PM	2

11—5314

NOTES

8275

Station No. 8261 Date: July 17 1915

Hour: 2 25 P.M. to 2:55 P.M.

Position: Lat. 33° 49' 45" N Long. 78° 04' 00" W

Locality: off wh. buoy mouth of Cape Fear River

Depth: 7 fms Bottom: hard Sample:

Wind: Direction, S.W. Force, 1

Sea: Moderate Sky: Pt. clear

TEMPERATURES

Depth	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used
	7277-NZ						
8	"	83					
8 fms	"	80.5					

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: Transparency:

REMARKS:

11—5314

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	
		PM	PM	
8' beam trawl	7 fms	2:25	2:50	2
4' Streamer net		2:40	2:55	

11—5314

NOTES

Direction of dredge S x E 3/4 E Depth at end of haul 7 3/4 fms

8276

Station No. 8262 Date: July 12 1915

Hour: 3:35 P.M. to 3:55 P.M.

Position: Lat. 33°50'45" N Long. 78°03'30" W

Locality: Off mth. Cape Fear River

Depth: 7 1/4 fms. Bottom: hard Sample: Sand

Wind: Direction, S.W. Force, 1

Sea: moderate Sky: Cloudy

TEMPERATURES

Depth	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: Transparency:

REMARKS:

11—5314

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	
8' Beam trawl	7½	P.M. 3:35	3:52	2
Mud bag				

11—5314

NOTES

Dredging course N x E ¾ E
depth at end of haul 6 fms
Bottom soft mud.

8277

Station No. 8263 Date: July 13 1915

Hour: 8 15 A. M. to 8 30 A. M.

Position: Lat. 33° 57' 00" N Long. 78° 03' 30" W

Locality: Cape Fear River

Depth: 6 fms Bottom: Soft Sample: Mud

Wind: Direction, West Force, 2

Sea: Smooth Sky: Partly clear

TEMPERATURES

Depth	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: Transparency:

REMARKS:

11—5314

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	
8' Beam trawl	6 fms	am 8:15	am 8:25	2
Mud bag				

11—5314

NOTES

Course S.S.E.

Depth at end of haul 7½ fms
bottom, hard.

8278

Station No. 8264 Date: July 13 1915

Hour: 9:01 A. M. to 9:40 A. M.

Position: Lat. 33°51'00" N Long. 78°04'45" W.

Locality: Mth. of Cape Fear River

Depth: 6 fms Bottom: hard Sample: sand

Wind: Direction, West Force, 2

Sea: Smooth Sky: Pt. clear

TEMPERATURES

Depth	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used
	7277NZ						
S		83					
7fm		81					

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: Transparency:

REMARKS:

11—5314

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	
8' Beam trawl Mud bag	6 fms	am 9:06	9:26	2

11—5314

NOTES

Course S.3E. x 3E.

1st	Sounding	6½ fms	Soft blk. mud	
2nd	"	6½ "	Sand	
3rd	"	7½ "	Sand bk. shells	
4th	"	7½ "	" " "	
5th	"	7 "	" bk. coral	
6th	"	7 "	" " "	

8279

Station No. 8265 Date: July 13 1915

Hour: 10:32 A M. to 10:50 A M.

Position: Lat. 33°49'30" N Long. 78°03'00" W

Locality: Off Cape Fear River

Depth: 7 fm Bottom: soft Sample:

Wind: Direction, West Force, 3

Sea: Smooth with heavy ground swell Sky: Pt clear

TEMPERATURES

Depth	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used
	7277-NZ						
S		83					
6 fms		80.5					

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: Transparency:

REMARKS:

11—5314

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	
8' Beam trawl	7 fm	am 10:32	10:47	2
Mud bag				

11—5314

NOTES

Course E x N

1st	Sounding	7 fm	Blk.	soft	mud	
2nd	"	6 3/4	"	"	"	"
3rd	"	6 3/4	"	"	"	"
4th	"	6 3/4	"	"	"	"
5th	"					

8260

Station No. 8266 Date: July 13 1915

Hour: 11:15 A.M. to 11:30 A.M.

Position: Lat. 33°51'00" N. Long. 78°03'30" W

Locality: Off mth Cape Fear River

Depth: 6 Bottom: soft Sample:

Wind: Direction, West Force, 2

Sea: Ground swell Sky: Pt. Clear

TEMPERATURES

Depth	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used
	7277NZ						
S	"	84					
5 fms	"	80.5					

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: Transparency:

REMARKS:

11—5314

51

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	
		am	am	
8' Beam trawl	6 fm	11:15	11:30	2
Mud bag				

11—5314

NOTES

Course N.N.W. Ebb Tide.

1st	Sounding	6 fms.	blk mud
2 nd	"	6 "	Sand
3 rd	"	6 "	bk. m.
4 th	"	5½ "	" "

6281

Station No. 6267 Date: July 13 1915.

Hour: 2.47 P.M. to 3.15 P.M.

Position: Lat. 33°48'04" to 33°49'30" N Long. 77°48'49" W.

Locality: Off Frying Pan Lt. Ship

Depth: 12 3/4 Bottom: hard Sample:

Wind: Direction, S.W. Force, 3

Sea: Smooth Sky: Pt. cloudy

TEMPERATURES

Depth	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used
	7277-NZ						
S		84					
5 fm		80.5					
10 "		77					
B		75.5					

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: Transparency:

REMARKS:

11—5314

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	
8' Beam trawl	12 3/4	P.M. 2.47	P.M. 3:07	2
oyster dredge				

11—5314

NOTES

Course South

1st	Sounding	12 3/4 fm	Co.	Sand.
2nd	"	13 "	"	"
3rd	"	13 1/2 "	"	"
4th	"	13 3/4 "	"	"
5th	"	14 "	"	"

8282

Station No. 8268 Date: July 13 1915

Hour: 8 P.M. to 9 P.M.

Position: Lat. 33°58' to 34° 02 N Long. 77°19'30" to 77°16 W

Locality: 34½ mi N.E 1/8 E from Frying Pan Lt. Ship

Depth: 16 fms Bottom: hrd. sd & gr. Sample:

Wind: Direction, West Force, 2

Sea: smooth Sky: Overcast

TEMPERATURES

Depth	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: Transparency:

REMARKS:

11—5314

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	
H. Shearer Nets		800 PM	900 PM	

11—5314

NOTES

Towed for 8 miles

8783

Station No. 8769 Date: July 4 1915

Hour: 10 47 A. M. to 11:10 A. M.

Position: Lat. 34° 20' 15" N Long. 76° 49' 00" W

Locality: Off Fishing buoy

Depth: 16 Bottom: hard Sample:

Wind: Direction, North Force, 2

Sea: Smooth Lt swell Sky: Overcast & hazy

TEMPERATURES

Depth	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used
	7277-NZ						
S	"	82.5					
5 fm	"	80.5					
10 "	"	79.5					
15 "	"	78					

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: Transparency:

REMARKS:

11—5314

E

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	
		am	am	
8' Beam trawl	16 fms	10:47	11:02	2
Mud tag				

11—5314

NOTES

Course S.E.

1st Sounding 16 fms
2nd " 16 " " "
3rd " 16 " " "
4th " x 16 " " "
5th x Rough bottom.

8784

Station No. 8270 Date: July 14 1915

Hour: 12:45 P.M. to 2:30 P.M.

Position: Lat. 34° 20' 15" N Long. 76° 49' 00" W

Locality: Off Fishing buoy

Depth: 16½ Bottom: Sample:

Wind: Direction, N.W. Force, 1

Sea: Lt swell Sky: Pt. clear

TEMPERATURES

Depth	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: Transparency:

REMARKS:

11—5314

878

NETS, ETC., USED

Description	Depth	TIME Down	TIME Up	Speed
		PM	PM	
Bottom feeler	16½ fm	12:45	12:55	2
" "	16½ "	1:27	1:42	
" "	16½ "	1:51	2:11	
" "	16¾ "	2:18	2:23	

11—5314

NOTES

Course S E from fishing buoy

R 12:45 PM 12:55 10 mi. Gr. sand bk. s.

Fishing from 1:00 PM to 1.25 PM caught 16 lbs B fish & Grunt 1 Fool fish

R 1:27 PM 1:42 15 min Gr. S. bk. coral

Test fishing Hand Line Fishing from 1.45 to 1.50 PM caught 3 bk fish ceased fishing to many fish on board

R. 1:51 PM 2:11 = 20 min. Gr. S. bk. coral

2¼ mi S.E. of buoy very rough

End of drag 3¼ mi from buoy. 1.49 PM to 2:05 PM Very rough

2: 16½ fms Gr. S. bk coral

2:10 PM 16¾ " " " " "

Hand line fishing from 2:15 PM to 2:17 PM testing out spot took 4 fish,

R 2:18 PM 2:23 16¾ fms. Very rough S. bk. coral

17¼ " " " " "

End of drag 5.2 mi. from buoy

8285

Station No. 8285 Date: July 19 1915

Hour: 1053 A. M. to 11:10 A. M.

Position: Lat. 34°37'40" N Long. 77°06'15" W

Locality: Off Bogue Inlet, Abeam Buoy

Depth: 7 Bottom: Hard Sample:

Wind: Direction, S.W. Force, 2

Sea: Smooth Swell Sky: P.X. clear

TEMPERATURES

Depth	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: Transparency:

REMARKS:

11—5314

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	
Bottom feeler + Tangle	7	10.53	11:05	2

11—5314

NOTES

Course SH x H 1/2 H

Am.	Soundings		Bottom	Depth
	10.53	R.	Gr, Sh. shell	7 fms
	10.58	R	Grv. " "	7 1/4 "
	11.03	R.		7 1/4 "

End of run 1 mi "S H." of buoy

Hand line fishing no success

Station No. 8286 Date: July 19 1915

Hour: 11:16 A. M. to 11:40 A. M.

Position: Lat. 34° 37' 40" N Long. 77° 06' 15" W

Locality: Off Bogue Inlet

Depth: 7½ Bottom: hard Sample:

Wind: Direction, SW. Force, 2

Sea: Smooth Swell Sky:

TEMPERATURES

Depth	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used
	7277-NZ						
B	"	81.5					
S	"	83.5					

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: Transparency:

REMARKS:

11—5314

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	
8' Beam trawl & mud bag		am 11:16	11:31	2

11—5314

NOTES

Course N.W.E.

1st Sounding 7½ fms

2nd " 7½ "

3rd " 7½ " Red Sand.

4th " 7½ " " "

Hand line fishing no success

Station No. 8217 Date: July 19 1915

Hour: 12.30 P.M. to 12.50 P.M.

Position: Lat. 34°35'45" N Long. 77°08'45" W.

Locality: abeam Bear Inlet N.C.

Depth: 8 Bottom: Hard Sample:

Wind: Direction, S.W. Force, Squally 3

Sea: Lt. sea Sky: Pt Clear

TEMPERATURES

Depth	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used
	7277NZ						
B	"	79.5					
S	"	84					

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: Transparency:

REMARKS:

11—5314

NETS, ETC., USED

Description	Depth	TIME Down	TIME Up	Speed
8' Beam trawl & Mud bag	8	12.30	12.45	2

11—5314

NOTES

Course from S.W. to West.

12.30 " 8 fms Ld. bottom Sand
12 35 7½ " Ld " "
12.40 8 " " " "
12.45 7½ " "
End of Run 1 mi.

Hand line fishing no success

Station No. 6288 Date: July 19 1915

Hour: 1.05 P.M. to 1.30 P.M.

Position: Lat. 34° 34' 20" N Long. 77° 12' 00" W

Locality: Off Browns Inlet, N.C.

Depth: 7½ fm Bottom: hard Sample:

Wind: Direction, S.W. Force, 3

Sea: Lt. swell Sky: Cloudy

TEMPERATURES

Depth	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used
	72 77NZ						
B	"	79.5					
S	"	83					

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: Transparency:

REMARKS:

11—5314

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	
8' Beam trawl + mud bag	7½	1.05	1.25	2

11—5314

NOTES

Course S.W.

1.05 pm 7½ fms White sand
1.10 " 7½ " " "
1.15 " 7½ " — — —
1.20 " 7 " — — —
1.25 " 7½ "

Hand line fishing caught several black fish
1 -- spot tail
Pin fish.

Station No. 8289 Date: July 19 1915

Hour: 2 05 P.M. to 2,30 P.M.

Position: Lat. 34° 34' 30" N Long. 77° 12' W

Locality: off Brown's Inlet, N.C.

Depth: 6 3/4 fm. Bottom: hard Sample:

Wind: Direction, West Force, 3

Sea: choppy Sky: Cloudy

TEMPERATURES

Depth	Thermometer—Make and No. 7277-N2	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used
2	"	79.5					
8	"	82.5					

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: Transparency:

REMARKS:

11—5314

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	
8' Beam trawl and mud bag	6 3/4	2:05	2:22	

11—5314

NOTES

Course S.W. Air Temp 82

2:05 Pm	6 3/4 fms	yb. S.
2:10 "	6 3/4 "	" "
2:15 "	6 3/4 "	" "
2:20 "	6 3/4 "	" "
2:22 "	6 3/4 "	" "

Excellent
Hand line fishing

Station No. 8290 Date: July 19 1915

Hour: 3.58 P. M. to 4.08 P. M.

Position: Lat. 34° 31' 20" N Long. 77° 17' 30" W

Locality: Off New River Inlet, N.C.

Depth: 4½ Bottom: Sample:

Wind: Direction, Calm Force,

Sea: Smooth Sky: Cloudy

TEMPERATURES

Depth	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used
	7277						
S		81					
5½		82.5					

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: Transparency:

REMARKS:

11—5314

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	
8' Beam trawl	4½	3.58 pm	4.08	2
mud bag				
~~Bottom feeder~~				
~~and tangle~~				

11—5314

NOTES

Course S.W.

Trawl hung up rough bottom.

3.58 Pm 4½

Air temperature 85

Caught 1 lizzard fish hand line fishing.

Station No. 8291 Date: July 19 1915

Hour: 4.20 P.M. to 4.37 P.M.

Position: Lat. 34° 35' 20" N Long. 77° 14' 30" W

Locality: Off New River Inlet, N C

Depth: 5 fm Bottom: hard Sample:

Wind: Direction, S.W. Force, Light air

Sea: Calm Sky: Cloudy

TEMPERATURES

Depth	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used
S							

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: Transparency:

REMARKS:

11—5314

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	
Bottom feeler and tangle	5 fm	Pm 4.20	4.37	2

11—5314

NOTES

Course N ¼ W. Air Temp 85

4.20 Pm Rough. 5 fm
1 4.25 " Smooth 4 3/4 "
4.27 " Rough
2 4.30 " 3 1/2 "
3 4.35 " 4 "
4.37 "

Station No. 8292 Date: July 19 1915

Hour: 6.25 P.M. to 7:10 P.M.

Position: Lat. 34° 25' 50" N Long. 77° 03' 30" W

Locality: 10 Miles SE x E ½ E from New River, N.C.

Depth: 11 Bottom: Sand bot shell Sample:

Wind: Direction, N.W. Force, 3

Sea: Choppy Sky: Cloudy

TEMPERATURES

Depth	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used
	7277						
S		83.5					
5		83					
10		79					

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: Transparency:

REMARKS:

11—5314

NETS, ETC., USED

Description	Depth	TIME Down	TIME Up	Speed
		Pm	Pm	
8' Beam trawl	11	6.25	6.43	2
		6.40		
2 Bob nets		"	7.07	
4' Streamer		"	7.10	

11—5314

NOTES

Course S.E.

Sounding at 6.25 Pm 11 fm
6.30 11½ "
6.35 11½
6.40 11½
6.43 11¾

air Temp 84

Station No. 8293 Date: July 20 1915

Hour: 11.43 A. M. to 11.55 A. M.

Position: Lat. 34°19'05" N Long. 76°48'00" W

Locality: Fishing grounds. 1/4 mi. S.E. of buoy

Depth: 16 1/2 Bottom: hard Sample:

Wind: Direction, S.W. Force, 4

Sea: Rough Sky: Pt. clear

TEMPERATURES

Depth	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: Transparency:

REMARKS:

11—5314

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	
8' Beam trawl & mud bag	16½	am 11:43	11:53	2

11—5314

NOTES

Course S x E

11:43 am 16½ fms
11:48 " 16½ "
11:50 " 16½ "

Station No. 829 Date: July 28 1915

Hour: 2.45 P.M. to 3.35 P.M.

Position: Lat. 33°58'10" N Long. 76°22'45" W

Locality: Gulf Stream 2½ Miles due South of Cape Look Out Light Ship.

Depth: 56 fm Bottom: Sand Sample:

Wind: Direction, S.W. Force, 2

Sea: Smooth Sky: Pt. clear

TEMPERATURES

Depth	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used
	7277NZ						
65	"	61					
25	"	69.5					
15	"	75.5					
10	"	80.5					
5	"	83.5					
S	"	86.					

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: Transparency:

REMARKS:

11—5314

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	
8' Beam & Mud bag	56 fm	Rm 3:05	Rm 3.35	2

11-5314

NOTES

Course S 3/4 W
56 fms at start of dredge

Station No. 8295 Date: July 28 1915

Hour: 3.40 P.M. to 4.50 P.M.

Position: Lat. 33° 53' 30" N Long. 76° 23' 15 W.

Locality: Gulf Stream

Depth: 101 fms Bottom: Sand Sample:

Wind: Direction, S.W. Force, 2

Sea: Smooth Sky: Pt. clear

TEMPERATURES

Depth fms	Thermometer—Make and No. 7277NZ	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used
101	"	52.5					
75	"	58					
50	"	63					
25	"	67.5					
15	"	74.5					
10	"	81.5					
5	"	83.					
0	"	84.5					

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: Transparency:

REMARKS:

11—5314

NETS, ETC., USED

Description	Depth	TIME Down	TIME Up	Speed
8' Beam trawl & Bag	101 fm	PM 3:40		2
		3:45	4:19	2
2 Tow nets		"	4:21	
1 4 ft Stramen		"	4:21	

11—5314

NOTES

Course S 3/4 W.

Trawl over 3:40 PM
" on bottom 3:49 PM
Commenced hearing 4:05 PM
Trawl up 4:19 PM

400 fms wire on trawl

Station No. 8296 Date: July 28 1915

Hour: 5:00 P.M. to 6:40 P.M.

Position: Lat. 33° 48' 50" N Long. 76° 24' 00" W

Locality: Gulf Stream.

Depth: 112 fms Bottom: Sample:

Wind: Direction, S.W. Force, 2

Sea: Moderate Sky: Pt clear

TEMPERATURES

Depth fms.	Thermometer—Make and No. 7277N-Z	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used
111	"	51					
90	"	56					
70	"	59					
50	"	62.5					
30	"	66					
15	"	73					
10	"	83					
5	"	83.5					
0	"	84.5					

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: Transparency:

REMARKS:

11—5314

NETS, ETC., USED

Description	Depth	TIME Rm. Down	TIME Rm. Up	Speed
8' Beam trawl & McBay	112	5.58	6:40	2
2 Tow nets		"	6:38	2
1 Streamer		"	6:40	2

11—5314

NOTES

Course S.S.W.

Trawl over 5:58 pm
On bottom 6:06 "

330 fms wire on trawl

Commenced heaving 6:28 pm
Trawl up at 6:40 "