8248 to 8298.

FISH HAWK.
8248
TO
8298

Station No. 8248 Date: Sept 3 1914

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

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

Locality: Gulf Stream

Depth: 167 fms Bottom: Sample:

Wind: Direction, S.W. Force, 4

Sea: Moderate Sky: partly clear

TEMPERATURES

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

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	208	11:30	11:55	slow
Two tow nets	surface	11:30	12:10	slow

11—5314

NOTES

Course S.E.

Depth at end of run 208 fathoms

Station No. 8249 Date: Sept 3 1914

Hour: 1:55 P.M. to 2:10 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 Surface	NZ# 80479	82.					Ekman
R	NZ# 98267	83.7	✓				"
10 fms L	"	82.8					"
R	"	83.2	✓				"
50 fms L	"	67.8					"
R	"	68.2	✓				"

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	47 fms	1:55	2:10	slow
Two tow nets	surface	1:55	2:10	slow

11—5314

NOTES

Course E.S.E.

Depth at end of run 58 fathoms

Station No. 8250 Date: April 26 1918

Hour: 930 A. M. to 1000 A. M.

Position: Lat. Long.

Locality: Boca Grande, Fla. just inside S. Pass

Depth: 5½ fath. 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 Down	TIME Up	Speed
3-1' tow nets	Surface	30"		anchor.
1-4' " "	"	"		"
1-3' " "	"	"		"
1-Dahlgren "	"	"		"

11—5314

NOTES

Strong ebb tide

Station No. 8251 Date: April 27 1918

Hour: 9^00 A. M. to 3^00 A. M.

Position: Lat. Long.

Locality: Boca Grande, Fla. (Same as Station #8250)

Depth: Surf. Bottom: hard Sample:

Wind: Direction, N.E. Force,

Sea: Mod. Sky: Clear

TEMPERATURES

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

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction
Surf.	9^00 Am.	Flood	10 min	1195		S.W. 14
"	10^00 "	"	"	1190		" 13
"	11^00 "	"	"	1540		" 14
"	12^00 "	Ebb	"	845		N.E. N.E. 12
"	1^00 P.M.	"	"	940		N. 10
"	2^00 "	"	"	1420		N.N.E. 14
"	3^00 "	"	"	1690		N. 14

Color of water: Transparency:

REMARKS:

11—5314

NETS, ETC., USED

Description	Depth	TIME Down	TIME Up	Speed
3-1 Tow nets	S.	1/2'	—	Anchor
1-Kahlgren net				

11—5314

NOTES

Tow nets from 11^00 to 11^30 A.M.

Current meter used from whaleboat 200 yds from Ship.

Station No. 8252 Date: Apr. 27 1915

Hour: 4 00 P. M. to 10 00 P. M.

Position: Lat. Long.

Locality: Boca Grande, Fla.

Depth: 5 1/8 f. Bottom: hard Sample: Sand

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 1/2 f.	4 00 P.M.	Ebb	10 min	835		N.E. X E 14
5 1/2 "	5 00 "	"	"	1565		" 14
5 1/2 "	6 00 "	"	"	555		N.E. 13
5 1/2 "	7 00 "	Flood	"	1665		S.W. X W 13
5 1/2 "	8 00 "	"	"	1720		"
5 1/2 "	9 00 "	"	"	1645		"
5 1/2 "	10 00 "	"	"	1345		S.S.W. 14

Color of water: Transparency:

REMARKS:

11—5314

NETS, ETC., USED

Description	Depth	TIME Down	TIME Up	Speed
14' tow nets	S.	1/2'		Anchor
1-3 " "	"	"		"
1 Kohlgren "	"	"		"
3 1 ft. nets	"	"		"

11—5314

NOTES

7 30 P.M. to 8 P.M.
Flood Tide

Station No. 8253 Date: April 27 1915

Hour: 11⁰⁰ A. M. to to 5 a. M.

Position: Lat. Long.

Locality: Boca Grande, Fla.

Depth: 5 1/2 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 A.m.	Flood	10 min	1520	SW	XS 11
"	12 "	"	"	1560	W	XS 9
"	1 am.	Ebb	"	345	S.E.	XS 6
"	2 "	"	"	1045	N.E.	9
"	3 "	"	"	1740	N.	9
"	4 "	"	"	1650	"	9
"	5 "	"	"	755	N	XW 9

Color of water: Transparency:

REMARKS: Meter from side of Ship

11—5314

NETS, ETC., USED

Description	Depth	TIME Down	TIME Up	Speed

11—5314

NOTES

Station No. 8254 Date: April 28. 1915

Hour: 6 00 A. M. to 9 00 A. M.

Position: Lat. / Long.

Locality: Boca Grande, Fla.

Depth: 5 1/8 fm Bottom: hard Sample: Sand

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'	6 00 am	Flood	10 min	355		SW. 8
"	7 00 "	"	"	785		" 15
"	8 00 "	"	"	5030		SE. 15
"	9 "	"	"	1638		" 4

Color of water: Transparency:

REMARKS:

11—5314

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	

11—5314

NOTES

Station No. 8255 Date: April 28 1915

Hour: 7 00 P. M. to 8 00 P. M.

Position: Lat. 25° 49' N Long. 85° 08' 30" begin
25° 46' N 85° 07' 30" 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

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' tow nets	S.	1 hr		Slow
1 - 4' " "	"	"		"
1 - 3' " "	"	"		"
1 - Kahlgren	"	"		"

11—5314

NOTES

Surface
Salinity 1.025 Temp 55° C Condition Clear

About 45 miles due west from Cape Romano

Speed 2.1 knots per hr.

Station No. 8256 Date: Apr. 30 1915

Hour: 7.00 P. M. to 9.00 P. M.

Position: Lat. Long.

Locality: Anchored in Hawk Channel & Fla. off Alligator Reef light house

Depth: 18' Bottom: hard Sample:

Wind: Direction, S.W. Force, 4

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: The "herring" were very abundant about the lighthouse light

11—5314

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	

11—5314

NOTES

	Salinity	Temp.	Condition
Surface	1.03/44	24.5 C	Clear
18'	"	"	"

No tidal current

Fish lines & dip net used successfully

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 lighthouse. Fla. 3½ mi off shore

Depth: Bottom: Sample:

Wind: Direction, South Force, 5

Sea: Mod. 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 Down	TIME Up	Speed
1-4' tow net	5	6 45	7 30	Slow
1 3' Kohlgren	"	"	"	"
1 Kohlgren	"	"	"	"
3 1' nets.	"	"	"	"

11—5314

NOTES

	Sal.	Temp.	Cond.
Surface	1.0236	55.2 C	clear

Central Time

Station No. 8258 Date: May 4 1915

Hour: 7:00 P. M. to 8:00 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 Down	TIME Up	Speed
14' tow net	S			Slow
13' " "	"			"
1 Dohlgren	"			"
3-1' tow net	"			"

11—5314

NOTES

	Sal.	temp.	Cond.
Surface	1.0433	24°C	Clear

Station No. 8259 Date: May 3 1918

Hour: 8 00 P . M. to 9 00 P . M.

Position: Lat. Long.

Locality: Atlantic Ocean - 16 mi ff Sapelo Island Lighthouse, 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 8

Description	Depth	TIME Down	TIME Up	Speed
1- 4' towed net	S	1 hr	—	Slow
1- 3' "	"	"	—	
1- Kahlenberg	"	"	—	
5- 1 ft. nets	"	"	—	

11—5314

NOTES

Surface - Salinity. temp. cond-
1.0214 53. Clear

Speed - one knot

Station No. 8260 Date: May 6 1918

Hour: 315 P.M. to 335 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 Down	TIME Up	Speed
1-4 ft. townet	8			Slow
1-3 " " "	"			
1- Fahlgren	"			
3- 1 foot nets	"			

11—5314

NOTES

Surface - Salinity. Temp. Cond
1.023 19° Clear

Speed - one knot

Station No. 8261 Date: May 6 1915

Hour: 7 15 P. M. to 9 00 P. M.

Position: Lat. Long.

Locality: In Beaufort harbor, off Beaufort Laboratory

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 Down	TIME Up	Speed
1-4' tow-net 1-Fahlgren 1-1 ft	S			Slow

11—5314

NOTES

Surface - Salinity 1.020 temp. 24 cond. Clear

Station No. 8262 Date: May 8 1915

Hour: 8:00 P. M. to 9:00 P. M.

Position: Lat. Long.

Locality: In Adams Creek near Mouse River N.C.

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 Down	TIME Up	Speed
2 - 1 ft. tow nets	S.	1 hr.	—	

11—5314

NOTES

Ship ground

	Salinity	temp.	cond.
Surface	1008	52°	stained

Station No. 8263 Date: May 9 1915

Hour: 8 00 P . M. to 9 00 P . M.

Position: Lat. Long.

Locality: Pabnico Sound N.C.
15 mi. S.W. of Long Shoal light

Depth: 20 ft Bottom: Sample:

Wind: Direction, S.W. Force, 4

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 Down	TIME Up	Speed
2-1 tow nets	S.	1 hr		Anchor

11—5314

NOTES

Surface
Salinity. temp cond.
1.0104 22 Clear

Station No. 8264 Date: July 6 1915

Hour: 2 57 P. M. to 3 34 P. M.

Position: Lat. 34° 19' Long. 76° 52'

Locality: 1 mi S.W. of fishing buoy

Depth: 14 1/2 Bottom: Smooth Sample: Sand & Coral - Outflow Bay

Wind: Direction, East Force, 2

Sea: Mod. 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 Down	TIME Up	Speed
8' beam trawl	14 1/2	2 58 p.m.	3 26 p.m.	Slow

NOTES

11—5314

Lost mud bag

15 1/2 fathoms at end of run

Station No. 8265 Date: July 6 1915

Hour: 420 P.M. to 450 P.M.

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

Locality: Onslow Bay

Depth: 16 fathoms Bottom R.S. after St Sample: Sand, broken shells & gravel

Wind: Direction, S.S. Force, 3

Sea: Mod. 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 Down	TIME Up	Speed
8' beam trawl	16 fath.	4.30	4.43	Slow

11—5314

NOTES

Rough bottom to begin
smooth after 5 min.

Station No. 8566 Date: July 6 1915

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

Position: Lat. 34°6' 45" Long. 77°4' W

Locality: Onslow Bay

Depth: 16 1/4 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 Down	TIME Up	Speed
8' beam trawl	16 1/2	6-25	6 45	Slow

11—5314

NOTES

Course S.W. & W 1/2 S
With mud bag
16 1/2 fathoms at end of run
at 7 05 pm over 2-4'
Stramin nets & hauled
in at 7 20 p.m.

Station No. 8467 Date: July 9 1915

Hour: . M. to . M.

Position: Lat. 33°13'34 Long. 79°11' 07"

Locality: Winyah Bay, S.C.

Depth: 5 faths Bottom: hard Sample: Sand

Wind: Direction, N.E. Force, S

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 Down	TIME Up	Speed
4' Stramen				

11—5314

NOTES

Net over 1 hr & 37 min.
Fished thru flood tide

Station No. 8868 Date: July 10 1915

Hour: 8 35 A. M. to 9 30 A. M.

Position: Lat. 33° 13' 44 Long. 79° 11' 07"

Locality: Winyah Bay, S.C.

Depth: 5 feet Bottom: hard Sample: Sand

Wind: Direction, N.E. Force, 5

Sea: Smooth Sky: Partly Clear

TEMPERATURES

Depth	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used
5	#9384	87C					Ethern
	#541	86½C					
	Schmidt & Vossberg						

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	5½ feet	8 35 am	9 00 am	

11—5314

NOTES

Station No. 8469 Date: July 10 1915

Hour: 1015 A.M. to 1045 A.M.

Position: Lat. 33° 13' 44 Long. 79° 11' 07"

Locality: Winyah Bay, S.C.

Depth: 5 fathoms Bottom: hard Sample: Sand

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
	7777 NZ						
S		84					
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 Am	TIME Am	Speed
8' beam trawl & mud bag	5 fm	10:15	10:30	2 1/8 K

11—5314

NOTES

Station No. 8570 Date: July 10 1915

Hour: 11:55 A. M. to 11:45 A. M.

Position: Lat. 33° 13' 54" Long. 79° 11' 07"

Locality: Winyah Bay S.C.

Depth: 4½f Bottom: hard Sample: Sand

Wind: Direction, N.E. Force, S

Sea: Smooth Sky: Partly Cloudy

TEMPERATURES

Depth	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used
S	[illegible]	81.5					
4½f		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
Otter trawl	4½f	11:25	11:45	4 K

11—5314

NOTES

45 f. wire on otter trawl
Tore trawl on bottom
losing fish.

Station No. 8471 Date: July 29 1915

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

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

Locality: Winyah Bay SC.

Depth: 5 f Bottom: hard Sample:

Wind: Direction, N.E. Force, 5

Sea: Smooth Sky: P.C. 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
		A.M.	P.M.	
8' beam trawl	5 f	1.25	1.35	1

11—5314

NOTES

Station No. 8582 Date: July 10 1915

Hour: 1.47 A. M. to 2.15 A. M.

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

Locality: Winyah Bay SC.

Depth: 5 fm Bottom: hard Sample:

Wind: Direction, N.E. Force, 5

Sea: Smooth Sky: Partly Clear

TEMPERATURES

Depth	Thermometer—Make and No. 7277 772	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used
5	"	87.5					
5 fm	"	81.					

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	5 fm	1.47	2.06	2

NOTES

11—5314 Dredging direction NXW

Station No. 8773 Date: July 10 1918

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

Position: Lat. 33° 13' 34" Long. 79° 11' 07"

Locality: Winyah Bay, S.C.

Depth: 5 1/4 fm Bottom: hard Sample:

Wind: Direction, N.E. Force, 8

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 Begin	TIME End	Speed
Otter trawl	5 1/4 fm	3:55	3:15	3K

11—5314

NOTES

Station No. 8374 Date: July 10 1915

Hour: 3:20 P. M. to 3:30 P. M.

Position: Lat. 33° 13' 55" Long. 79° 11' 07

Locality: Winyah Bay S.C.

Depth: 5 Bottom: hard Sample:

Wind: Direction, S.E. Force, 3

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 Down	TIME Up	Speed
Otter trawl	5	3:15	3:30	

11—5314

NOTES

Station No. 8275 Date: July 18 191

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

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

Locality: Off wh. buoy mouth of cape Fear River

Depth: 7 fm Bottom: hard Sample:

Wind: Direction, S.W. Force, 4

Sea: Mod. Sky: Partly Clear

TEMPERATURES

Depth	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used
	7277						
	7172						
S		83					
8 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 Down	TIME Up	Speed
8' beam trawl	7 fm	2:25	2:50	2
4' Stramen	"	2:40	2:55	2

11—5314

NOTES

Direction of dredge S x E 3/4 E.

Depth at end of run 7 3/4 fathoms

Station No. 8576 Date: July 15 1915

Hour: 3.35 P. M. to 3.55 P. M.

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

Locality: Off Mouth Cape Fear River

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

Wind: Direction, S.W. Force, 4

Sea: Mod. 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 From	TIME To	Speed
8' beam trawl & Mud Bag	7 1/4 fm	3:35	3:52	2

11—5314

NOTES

Dredging direction N.W. & S.E. 3/4 E.

Depth at end of haul 8 fm.

Bottom—Soft mud.

Station No. 8877 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 fm. 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 Down	TIME Up	Speed
8' beam trawl	6 fm 8.15	8.15	8.35	2 K.

11—5314

NOTES

Course S.S.E.

Depth on end of haul—7½ fm. bottom hard.

Station No. 5478 Date: July 13 1915

Hour: 9:00 A.M. to 9:40 A.M.

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

Locality: South Cape Fear River

Depth: 6 fm Bottom: hard Sample: Sand

Wind: Direction, West Force, 2

Sea: Smooth Sky: P.V. Clear

TEMPERATURES

Depth	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used
	7717HZ						
S.		83.					
7 fm		81.					

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
5' beam trawl	6 fm	9:06 AM	9:36 AM	2 K

11—5314

NOTES

Course S. W. x W.

1st Sounding 6½ fm. Soft sand
2nd " 6¼ " Sand
3rd " 7¼ " Sand & blk shells
4th " 7¼ " " " "
5th " 7 " blk coral
6th " 7 " " "

Station No. 8279 Date: July 13 1915

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

Position: Lat. 33° 49' 30" Long. 78° 3' 00"

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
	TTN1						
S		83.					
6 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 Down	TIME Up	Speed
		am.	am.	
8' beam Trawl	7 fm	10:32	10:47	2 K

11—5314

NOTES

Course E.X.U.

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

Station No. 8580 Date: July 13 1918

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

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

Locality: Off mouth Cape Fear River

Depth: 6 fm. Bottom: Soft Sample:

Wind: Direction, West Force, 5

Sea: Ground Swell Sky: Partly Cloud

TEMPERATURES

Depth	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used
S	7577NZ	84					
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 Down	TIME Up	Speed
8' beam trawl	6 fm	11:15 a.m.	11:30 a.m.	2 K

11—5314

NOTES

Course N.W. off tide

1st Sounding 6 fm. blk. mud
2nd " 6 " Sand
3rd " 6 " blk mud
4th " 5 1/4 " " "

Station No. 8381 Date: July 13 1915

Hour: 5:47 P. M. to 3:15 P. M.

Position: Lat. 33°48' 04" to Long. 77°48' 49" W
33°39' 30" N

Locality: Off Frying Stone light Ship

Depth: 13 3/4 Bottom: hard Sample:

Wind: Direction, S.W. Force, 3

Sea: Smooth Sky: PV Cloudy

TEMPERATURES

Depth	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used
	7577NZ						
S		84					
5		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 Down	TIME Up	Speed
8' beam trawl & oyster dredge	13 3/4 fm.	5:47 P.M.	3:10 P.M.	7½ K

11—5314

NOTES

Course - South

1st Sound.	13 3/4 fm.	Gravel + Sand		
2nd "	13 "	"	"	"
3rd "	13 1/2 "	"	"	"
4th "	13 3/4 "	"	"	"
5th "	14 "	"	"	"

Station No. 8585 Date: July 13 1915

Hour: 8 00 P . M. to 9 00 P . M.

Position: Lat. 33° 58' to 34° 0' N.
Long. 77° 19' 30" to 77° 16' W.

Locality: S. E. 1/2 E. off Frying Pan lightship

Depth: 16 fms Bottom: Sand Sample: Sandt

Wind: Direction, West Force, 5

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 Down	TIME Up	Speed
4' Stramin net	Surf.	8 00 P	9 00 P	

11—5314

NOTES

Towed for 3 miles

Station No. 8483 Date: July 14 1915

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

Position: Lat. 34°36' 15" Long. 76°49' 00"

Locality: off fishing buoy

Depth: 16 fm Bottom: hard Sample:

Wind: Direction, North Force, 2

Sea: Smooth with light ground swell 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

Color of water: Transparency:

REMARKS:

11—5314

NETS, ETC., USED

Description	Depth	TIME Down	TIME Up	Speed
8' beam trawl + mud bag	16 fm	10:47 a.m.	11:02½ a.m.	K

11—5314

NOTES

Course N.W.

1st. Sound - 16 fm.
2nd. " 16
3rd. " 16
4th. " 16
5th " 16
Hard rough bottom

Station No. 8584 Date: July 14 1915

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

Position: Lat. 34°30'15 Long. 76°49'00"

Locality: Off fishing buoy

Depth: 16½ fms Bottom: Sample:

Wind: Direction, S.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

NETS, ETC., USED

Description	Depth	TIME Down	TIME	Speed
	fms	Pm	Pm	
Bottom feeler	16½	12:45	12:55	
" "	16½	1:27	1:42	
" "	16½	1:57	2:11	
" "	16¾	2:18	2:23	

11—5314

NOTES

Course S.E. from fishing buoy

12:45 to 12:55 rough. Gr. sand Bk. shell.

1:00 to 1:25 Pm. Hand line fishing, caught 16 lbs blk. fish; 4# grunt, 1 food fish.

1:27–1:42 Pm. rough Gr. S. Bk. coral.

1:45 to 1:50 Test fishing caught 3 blk fish Ceased fishing to many fish now on board

1:51 to 2:11 Pm rough Gr. S. Bk. coral

1:49 to 2:05 " Very rough " " "

End of drag 3¼ mi from fishing buoy

2:15 to 2:17 Pm. Test fishing caught 4 blk fish

2:18 to 2:23 Pm. 16¾ fms Very rough. S. Bk. coral

End of line 5.2 miles from buoy

Station No. 8285 Date: July 19 1915

Hour: 10.53 A. M. to 11:10 A. M.

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

Locality: Off Bogue Inlet
Abeam buoy

Depth: 7 fm Bottom: Hard Sample:

Wind: Direction, S.W. Force, 2

Sea: Smooth Sky: Partly Clear
W. Swell.

TEMPERATURES

Depth	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used
	72 TANZ						
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 Am	TIME Am	Speed
Bottom feller + tangle	7 fm	10.53	11:05	2

11—5314

NOTES

Course S.W. x W. 1/4 W.

Soundings Bottom Depth
Am. 10:53 Rough Gr. + broken shell 7 fm.
Am. 10:58 " " 7 1/4 fm.
Am. 11:03 " " 7 1/4 fm.

End of run 1 mi S.W. of buoy —
Hard line fishing — no success

Station No. 8886 Date: July 19 1918

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

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

Locality: Off Bogue Inlet

Depth: 7½ fm Bottom: hard Sample:

Wind: Direction, S.W. Force, 5

Sea: Smooth Sky: Light Sweet Partly Clear

TEMPERATURES

Depth	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used
	7277 NZ						
B.	"	81.5					
S.	"	83.8					

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' fram trawl hand bag	Surf	11:16	11:31	5

11—5314

NOTES

Course N.N.E.

1st Sounding 7½ fathoms
2nd " 7½ "
3rd " 7½ "
4th " 7½ "

Hand line fishing — No success

Station No. 8486 Date: July 19 1915

Hour: 15h30m P. M. to 15h45m P. M.

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

Locality: Off Bear Inlet N.C.

Depth: 8 fms. Bottom: hard Sample:

Wind: Direction, S.W. Force, 3

Sea: Smooth. L.V. Swell Sky: Partly Cloudy

TEMPERATURES

Depth	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used
B	7277-NZ	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 fm.	TIME Down	TIME Up	Speed
8' beam trawl & mud bag	8	15:30	15:45	2

11—5314

NOTES

Course from S.W. to West

15:30 8 fms. hard bot. Sand
15:38 7½ " " " "
15:40 8 " " " "
15:45 9½ " " " "
End of run — 1 min.
Hand line fishing — no success

Station No. 8288 Date: July 19 1915

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

Position: Lat. 34°34'26" Long. 77°18'00"W

Locality: Off Browns Inlet, N.C.

Depth: 7 1/4 faths 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
	7277NZ						
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 Down	TIME Up	Speed
8' beam trawl & Mud bag	7 1/4	1:05	1:25	2

11—5314

NOTES

Course S.W.

1:05 P.M. 7 1/4 fms. wh. Sand
1:10 " 7 1/4 " " "
1:15 " 7 1/4 " — —
1:20 " 7 " — —
1:25 " 7 1/4 " — —

Hand line fishing at end of run - Caught - 3 black fish 1 Spot tailed pin fish.

Station No. 8589 Date: July 19 1915

Hour: 7:05 P. M. to 5:30 P. M.

Position: Lat. 34°34'30" Long. 77°15' W

Locality: Off Browns Inlet, N.C.

Depth 6¾ fm Bottom: hard Sample:

Wind: Direction, West Force, 3

Sea: Choppy Sky: Cloudy

TEMPERATURES

Depth	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used
	7277-N1						
B	"	79.5					
S	"	85.5					

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 & mud bag	6¾	5:05	5:22	

11—5314

NOTES

Air temp 85°F

Course S.W.

5:05 P.m.	6¾ fm	yellow sand
5:10 "	6¾ "	" "
5:15 "	6¾ "	" "
5:30 "	6¾ "	" "
5:35 "	6¾ "	" "

Excellent hand line fishing

Station No. 8590 Date: July 19 1915.

Hour: 3:58 P. M. to 4:08 P. M.

Position: Lat. 34°31'30" Long. 77°17'38"

Locality: Off New River Inlet N.C.

Depth: 4 1/2 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
	TYTHZ						
S		84.					
5 1/2		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 + mud bag	4 1/2	3:58	4:08	S

11—5314

NOTES

Course S.W.

Trawl hung up - Rough bottom —

3:58 P.M. 4 1/2 fm.
Air temp. 85° F.

Hand line fishing —
Caught 1 lizard fish

Station No. 8591 Date: July 19 1918

Hour: 4:30 P. M. to 4:37 P. M.

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

Locality: Off New River Inlet N.C.

Depth: 5 fm. Bottom: hard Sample:

Wind: Direction, S.E. Force, light airs

Sea: calm 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 Down	TIME Up	Speed
Bottom feeder & tangle	5 fm	4:30	4:37	2

11—5314

NOTES

Course W. 1/4 N.

4:30 P.M. Rough 5 fm.
4:35 " Smoother 4½ "
4:37 " Rough 4¾ "
4:30 " " 3½ "
4:35 " " 4 "
4:37 " "

Air Temp 85° F

Station No. 8595 Date: July 19 1915

Hour: 6 55 P. M. to 7 10 P. M.

Position: Lat. 34° 55' 50" Long. 77° 03' 30"

Locality: 10 mi S.E. x E. ½ E. from bar Cape Fear River

Depth: 11 feet Bottom: Sand & Rock Sample: Shells

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
	KTT-						
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
8' beam trawl	11 fm	6:25	6:48	2
2 bob nets	11 S	6:40	7:07	2
1-4' Shannen	S	6:40	7:10	2

11—5314

NOTES

Course S.E.

Soundings—

6 55	11 fm
6 30	11 ½ fm
6 55	11 ½ "
6 40	11 ½ "
6 43	11 ¼ "

Air temp. 84° F.

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"

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

Depth: 16½ fm Bottom: hard Sample:

Wind: Direction, S.W. Force, 4

Sea: Rough 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 Down	Time Up	Speed
8' beam trawl of mud bag	16½	11:43	11:53	2

11—5314

NOTES

Course S.x E.
11:43 a.m. 16½ fm
11:48 a.m. 16½ "
11:50 a.m. 16½ "

Station No. 8594 Date: July 28 1915

Hour: 345 P. M. to 335 P. M.

Position: Lat. 33°58'10" Long. 76°37'45"

Locality: Gulf Stream 24 miles due South of Cape Fear

Depth: 56 fms Bottom: Sand Sample:

Wind: Direction, S.W. Force, 2

Sea: Sky:

TEMPERATURES

Depth	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used
	P-T No 7						
65	"	61					
55	"	69.5					
15	"	75.5					
10	"	80.5					
5	"	83.5					
3	"	86.					

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: Transparency:

REMARKS:

11—5314

NETS, ETC., USED

Description	Depth	TIME Down	TIME	Speed
8' beam trawl	56 fms.	3:05	3:35	

11—5314

NOTES

Course S. 3/4 W.

56 fathoms at beginning of haul

Station No. 8395 Date: July 28 1915

Hour: 3:40 P. M. to 4:50 P. M.

Position: Lat. 33°53'30" Long. 76°28'15"

Locality: Gulf Stream

Depth: 101 fms. Bottom: Sand Sample:

Wind: Direction, S.E. Force, 2

Sea: Smooth Sky: Partly Clear

TEMPERATURES

Depth	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used
fms	7277 NZ						
101	52.5						
75	58.						
50	63.						
35	67.5						
15	74.5						
10	81.5						
5	83.						
3	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 & Mud Bag	101 fms	3:40	4:19	2
2 Tow Nets		"	4:21	
1 " Stramen		"	"	

11—5314

NOTES

Course - South 3/4 West

Trawl over 3:40 P.M.
On bottom 3:49 "
Commenced heaving in 4:05
Trawl in Sight 4:19

400 fathoms of wire on trawl

Station No. 8296 Date: July 28 191 5

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

Position: Lat. 33°48'50" Long. 76°34'00

Locality: Gulf Stream

Depth: 113 fms Bottom: Sample:

Wind: Direction, S.W. Force, 2

Sea: Smooth Sky: Partly Clear

TEMPERATURES

Depth	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used
fms	7711 N.L.						
111	"	51					
90	"	56					
70	"	59					
50	"	63.5					
30	"	66					
15	"	73					
10	"	83					
5	"	83.5					
S	"	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 + lead bag	113	5:58	6:40	2
2 tow nets		"	6:38	2
1 Stramen		"	6:40	2

11—5314

NOTES

Course S.S.W.

Trawl over 5:58
On bottom 6:06

330 fathoms of wire on trawl

Commenced heaving on 6:38
Trawl up on 6:48

Station No. 8297 Date: July 28 1915

Hour: 7 00 P. M. to 8 00 A. M.

Position: Lat. 33° 50' 00" Long. 78° 28' 00"

Locality: Gulf Stream

Depth: 127-117 f. Bottom: S. Sh. 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

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 H.P. Stramin + tow net		7 00 P.M.	8 00 A.M.	2

11—5314

NOTES

July 29 1915—
Caught five black fish weighing 10 lbs.

Station No. 8298 Date: July 29 1915

Hour: 1:28 P. M. to 1:55 P. M.

Position: Lat. 33° 50' 00" Long. 76° 28' 00"

Locality: 2 1/2 miles N.E. of Lookout light Ship

Depth: 15 fm. Bottom: Sample:

Wind: Direction, S.W. Force, B

Sea: Choppy Sky: Clear

TEMPERATURES

Depth fm	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used
15	7277	78.5					
10	NZ	80.					
5		81.					
S		82.5					

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 + Mud bag	15 fm	1:28	1:43	2

11—5314

NOTES

Course S.W.

1:38 P.m. — 15 1/2 fms —
1:43 " 15 1/2 fms

Bottom - fine gray sand + broken shells