8546

ORIGINAL LOG BOOK OF THE "FISH HAWK"

UNITED STATES FISH COMMISSION

STATION RECORDS

Numbers 8546 to 8594

8546 To 8594

8594

INC.

80479
= 98267
= 98262

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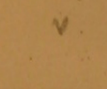

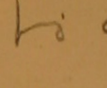

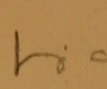

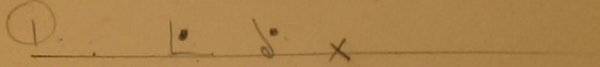

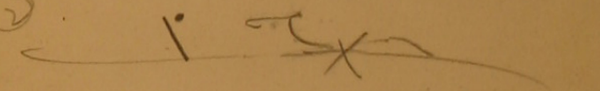

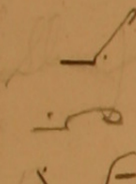

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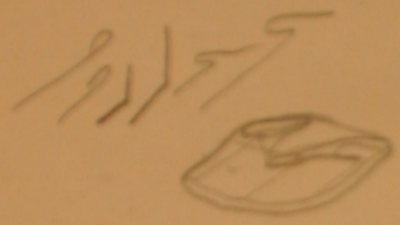


BBBP

1224.

Station No. 8546 Date: 5/23/ 1916

Hour: 9 35 A. M. to 9 55 A. M.

Position: Lat. 38° - 0-0 Long. 75° 54 37

Locality: 750 yds East of Spar Buoy #3. James Is. ~~St.~~ SXW 1/2 W.

Depth: Bottom: Sample:

Wind: Direction, W.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

NETS, ETC., USED

Description	Depth	TIME Down	TIME Up	Speed
Bottom Feeler	18 1/2	9 40		
~~2 Boat Grapnels~~	~~14 3/4~~		~~9 50~~	
Hydroid net				

11—5314

NOTES

Tide Ebbing

Dredging Course (SW)

1224.

Station No. 8547 Date: 5/25/ 1916

Hour: 10:35 A. M. to 10:55 A. M.

Position: Lat. 37° 53 54 Long. 75° 57 12

Locality: Big Trevon Fox Is. E X S.
James Is. Lt. N.E X N.3/8 N.

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
Bottom Feeler } A ~~[illegible]~~ Hydroid net } A	16 3/4 - 12	10.40	10.50	

11—5314

NOTES

Dredging Course: S. 1/2 E.
T. De: Ebbing.

12 2/3

Station No. 8548. Date: 5/26/1916. 191

Hour: 10 00 A. M. to . M.

Position: Lat. 37° 48' 9" Long. 75° 57' 50"

Locality: Watts Is. St. S.E. × E. 3/4 E.
Tangier Is. St. S.W. 1/2 S.

Depth: 21 F. Bottom: Soft. Sample:

Wind: Direction, North Force, 1.

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
Bottom Sled	15-21-17	10 00	10 12	
Hydroid Net	15—	10 00	10 12	

11—5314

NOTES

Dredging Course (S.S.W.)
Tide Ebbing.

Station No. 8549 Date: 5/29/ 1916

Hour: 11 15 A. M. to 11 35 A. M.

Position: Lat. Long.

Locality: From Buoy #5 to Buoy #3. Dredged Channel

Depth: 6 F. Bottom: Hard Sample:

Wind: Direction, SW. 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—8314

NETS, ETC., USED

Description	Depth	TIME Down	TIME Up	Speed
Welsh Net	6–6	11 16	11 31	
# 1 Silk Net	Surface	11 15	11 31	
#20 "	"	11 16	11 21	

11—8314

NOTES

Dredging Course SE x E 1/2 E

Tide Ebbing

Station No. 8550 Date: 6/2/16 191

Hour: . M. to . M.

Position: Lat. Long.

Locality: Between Buoy #3 and #5

Depth: Bottom: Sample:

Wind: Direction, West 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

NETS, ETC., USED

Description	Depth	TIME Down	TIME Up	Speed
Welsh Net	F	7 34	7 39	
#1 & #20 silk nets		"	"	

11—5314

NOTES

Tide Flooding

Dredging Course SW × W

1222

Station No. 8551 Date: 6/9/1916

Hour: 4 25 P. M. to 4 58 P. M.

Position: Lat. 37° 0' 36" Long. 76° 15' 24"

Locality: Thimble Shoal Lt NE 3/4 E
Bell Buoy SE 3/4 E

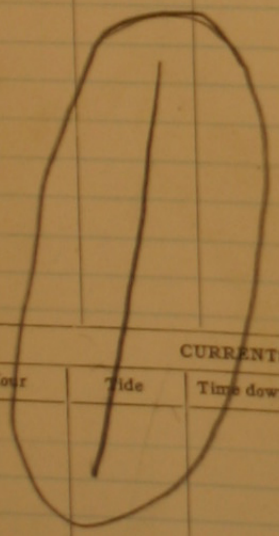
Depth: 14½ F. Bottom: ~~Soft~~ ~~Hard~~ Sample:
~~Soft Blk mud~~ & marine growth

Wind: Direction, East Force, 3

Sea: Smooth Sky: clear

TEMPERATURES

Depth	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used
0	B.F.	70.7				+	
8	98267	68.1				+	1
16	80479	60.0				+	3
25	98262	59.0				+	2
12	98267	64.0				+	1



CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: Transparency:

REMARKS:

11—5314

NETS, ETC., USED P.M.

Description	Depth F.	TIME Down	TIME Up	Speed
8' Beam Trawl	16-8	4 47	4 55	
Silk Surf Net #1	Surf	4 43	4 53	
" " " #20	"	4 47	4 53	

11—5314

NOTES

Tide Flooding
Dredging Course (W½S to W by W)

1222

Station No. 85-5-2 Date: 6/9/1916.

Hour: 5-12 P.M. to 6-22 P.M.

Position: Lat. 36° 58' 36" Long. 76° 6' 54"

Locality: 400 yds E.S.E from Buoy #5.

Depth: 5 1/4 F. Bottom: Hard Sample: T.G.S.

Wind: Direction, East Force, 3

Sea: Smooth Sky: Clear

TEMPERATURES

Depth	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used
0	B.F.	70.2				+	
5	80479	57.8				+	3
9	95262	53.6				+	2
3	95267	67.0				+	1

(2)

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: Transparency:

REMARKS:

11—6314

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	
Walsh net	5 1/2 - 4	6 09	6 19	
#1 Silk net	Surf	6 09	6 19	
#20 "	"	6 09	6 19	

11—6314

NOTES

Tide Flooding

Dredging Course (East)

1222

Station No. 8553 Date: 6/9/ 1916

Hour: 7 02 P. M. to 7 36 A. M.

Position: Lat. 37' 0' 0" Long. 76° 0' 25"

Locality: Cape Henry S. 3/4 W.
Lightship N 1/2 E.

Depth: 12 1/2 F. Bottom: ~~Soft Hard~~ Sample: ~~Soft Black Mud~~ {Sand / G.M.}

Wind: Direction, East. Force, 3.

Sea: Smooth. Sky: Clear.

TEMPERATURES

Depth	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used
0	BF	68.9				q +	
6	98267	54.5				+	1
9	80479	52.1				q	3
12	80479	51.9				+	3
18	98267	51.3				q	1
22	98262	51.3				+	2

3

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: Transparency:

REMARKS:

11—5314

NETS, ETC., USED

Description	Depth F	TIME Down	TIME Up	Speed
1/2 meter Vertical	12 1/2 - 0	7 17	7 18	
Beam Trawl 8'	12 3/4 - 12 1/2	7 24	7 36	
Silk Net #1	Surf	7 24	7 36	
" " #20	"	7 24	7 36	

11—5314

NOTES

Tide: Ebbing.

Dredging Course

1222

Station No. 85-34 Date: 6/10/1916

Hour: 5-44 A.M. to 6 12 A.M.

Position: Lat. 36° 59' 55" Long. 76° 0' 64"

Locality: Cape Henry ft. 8 1/8 W
Buoy #2 8 W 3/8 W

Depth: 8 1/2 F Bottom: Hard Sample:

Wind: Direction, N.E. Force, 3

Sea: Smooth Sky: Partly Cloudy

TEMPERATURES

Depth	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used
0	B.F.	66.0				8 +	
4	98267	64.6				+	1
8	97262	58.0				8	2
13	80479	53.6				+	3

4

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: Transparency:

REMARKS:

11—5314

NETS, ETC., USED Night

Description	Depth F	TIME Down	TIME Up	Speed
8' Beam Trawl	8½-9	6 00	6 10	
#1 Silk Net	Surf	6 00	6 10	
#20 " "	"	6 00	6 10	

11—5314

NOTES

Tide Ebbing
Dredging Course (NW x N)

Station No. 8555 Date: 6/10/1916

Hour: 6 31 A.M. to 6 40 A.M.

Position: Lat. 37° 1' 25" Long. 75° 59' 58"

Locality: Bell Buoy 4. S.E. 1/2 E.
Cape Henry S. 1/2 W. ~~3/4 E.~~

Depth: 4 3/4 F. Bottom: Hard Sample: ~~X~~

Wind: Direction, NE Force, 3

Sea: Smooth Sky: Clear

TEMPERATURES

Depth	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used
0	B.F.	64.0				~~X~~	
3	99262	63.2				+	2
7	80479	62.1				+	3

6-

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	

11—5314

NOTES

Tide Ebbing

+ 1222.

Station No. 8556 Date: 6/10/ 1916

Hour: 7 07 A. M. to 7 35 A. M.

Position: Lat. 37° 3' 10" Long. 75° 58' 15"

Locality: Cape Charles Lt. N. E. 3/8 (N)
Cape Henry Lt. S x W 3/4 W

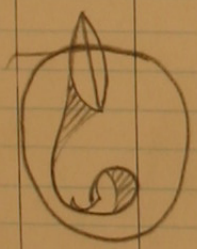
Depth: 10 F. Bottom: Hard Sample: Fisherman (N 1/2 W) Lt

Wind: Direction, East Force, 2

Sea: Smooth Sky: Clear

TEMPERATURES

Depth	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used
0	B.F.	63.1				g +	
3	98267	64.3				+	1
8	98262	64.0				g	2
16	80479	62.0				+	3



CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: Transparency:

REMARKS:

11—5314

NETS, ETC., USED

Description	Depth F	TIME Down	TIME Up	Speed
8' B T	10-6 1/2	7 18	7 30	
#1 Silk net	Surf	7 18	7 30	
#20 " "	"	7 18	7 30	

11—5314

NOTES

Tide Ebbing

Dredging Course (NW x N to E)

Station No. 8537 Date: 6/10/1916

Hour: 9 20 A.M. to 11 15 A.M.

Position: Lat. 37° 15' 0" Long. 76° 4' 42"

Locality: Bury #10 N. 1/8 W. Old plantation Lt. S.E. Cherrystone Light E.X.N.

Depth: 25F. Bottom: Soft Sample:

Wind: Direction, S.E. Force, 3

Sea: Smooth Sky: Clear

TEMPERATURES

Depth	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used
0	B.F.	67.8				S+	
4	80479	67.9				+	3
9	98267	63.8				S+	1
18	98267	61.7				S+	1
27	98262	61.2				S+	2
37	80479	61.8				+	3

7

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: Transparency:

REMARKS:

11—5314

NETS, ETC., USED

Description	Depth F.	TIME Down	TIME Up	Speed
½ Meter Vertical	25-0	10 01	10 02	
B.J. 8	19-10-21	10 24	10 44	
#1 Silk Net	surf	10 24	10 44	
#20 " "	"	10 24	10 44	
Welsh Net.	22-10½	10 35	11 10	

11—5314

NOTES

Tide: Ebbing.

Dredging Course (S.E. to N.W.)

1222

Station No. 8538 Date: 6/10/ 1916

Hour: 11 23 A. M. to 11 40 A. M.

Position: Lat. 37° 15' 50" Long. 76° 7' 40"

Buoy #10. E.N.E.

Locality: Wolf Trap St. N X W 3/4 W

Old Plantation St. S.E. (X) E.

Depth: 7.F. Bottom: Soft Sample:

Wind: Direction, S.E. Force, 2

Sea: Smooth Sky: Clear

TEMPERATURES

Depth	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used
0	BF	68.9				q	
5		68.9				+	1
9		66.0				q	3
13		62.2				+	2

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' B.T.	7-7	11 31	11 38	
#1220 Silk nets	Surf	11 31	11 38	

NOTES

11—5314

Tide Ebbing

Dredging Course (N 1/2 W)

122 5

Station No. 8559 Date: 6/14 1916.

Hour: 12 05 P. M. to 12 15 P. M.

Position: Lat. 37° 16' 2" Long. 76° 11' 48"

Locality: York Spit. Sur
N. Pt Comfort N.W. x W 1/8 W.
Wolf Trap N 5/8 E.

Depth: T. F. Bottom: Hard Sample:

Wind: Direction, South Force, 1

Sea: Smooth Sky: Clear

TEMPERATURES

Depth	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used
0	BF.	69.9				8+	
5.5	80479	70.0				+	3
11.5	98262	62.5				8+	2

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	

NOTES

11—5314

Tide Ebbing

122

Station No. 9360 Date: 6/14 1916

Hour: 12 22 P. M. to 12 55 P. M.

Position: Lat. 37° 17' 12" Long. 76° 14' 16".

Locality: New Pt Comfort Pt W. x W.
York Spit Pt S x W 1/4 W.
Wolf Trap Pt N.E. 1/4 E.

Depth: 4 3/4 F. Bottom: Hard Sample:

Wind: Direction, South Force, 1

Sea: Smooth Sky: Clear

TEMPERATURES

Depth	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used
0	B.F.	69.8				+	
3	10479	70.2				+	3
7	98262	69.0				+	2

10

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
Welsh net	4-3 3/4	12 41	12 51	
#1 & 2 Silk nets	Surf	12 41	12 51	

11—5314

NOTES

Tide Ebbing.

Dredging Course (E & E)

#78

Station No. 8561. Date: 6/10/ 1916.

Hour: 2 32 P. M. to 2 55 P. M.

Position: Lat. 37° 23' 15" Long. 76° 4' 50"
Wolf Trap lt W 3/4 N

Locality: Cherrystone Lt. S.X.E.
New. Pt. Comfort Lt. ~~W X S 1/4 S~~

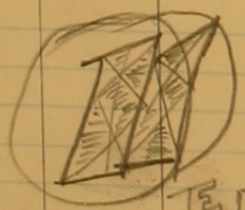
Depth: 13 3/4 F. Bottom: Soft Sample:

Wind: Direction, S.E. Force, 1

Sea: Smooth Sky: Clear

TEMPERATURES

Depth	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used
0	B.F.	70.9				+	
6	98267	68.9				+	1
14	80479	64.0				+	3
24	98262	62.1				+	2



ELEVEN.

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
Beam Trawl 8'	13-12 3/4	2 42	2 52	
#1420 Silk nets	Surf	2 42	2 52	

11—5314

NOTES

Tide Flooding
Dredging Course (N 1/2 E)

TIDE: FLOODING.

1223.

Station No. 8562 Date: 6/10/1916

Hour: 4 20 P. M. to 4 40 P. M.

Position: Lat. 37° 35' 12" Long. 76° 10' 26"

Locality: Bell Buoy W 1/4 S
Windmill Pt Lt W x N 1/2 N

Depth: 7 1/2 F. Bottom: Soft Sample:

Wind: Direction, SE Force, 3

Sea: Smooth Sky: Clear

TEMPERATURES

Depth	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used
0	B.F.	70.1				8+	
6	80479	69.1				+	3
13	98267	67.3				8+	1

12

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
B.T. 8'	8-7 1/4	4 27	4 37	
#1 & 20 Silk nets	Surf	4 27	4 37	

11—5314

NOTES

Tide Flooding
Dredging Course (East)

1273

Station No. 8563 Date: 6/10/1916

Hour: 3.02 P. M. to 3.40 P. M.

Position: Lat. 37° 34' 18" Long. 76° 4' 52".

Locality: Windmill Pt SE W N W
San Marcos Wreck Buoy N X E 3/4 E

Depth: 7. F. Bottom: Soft Sample:

Wind: Direction, S.E. Force, 4

Sea: Smooth Sky: clear

TEMPERATURES

Depth	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used
0	B.F.	71.0				S	
6	80479	69.0				+	3
12	98267	67.3				+	2

13

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	

11—5314

NOTES

Tide flooding

X
12 2 3

Station No. 8564 Date: 6/10/ 1916

Hour: 5 35 P. M. to 5 55 P. M.

Position: Lat. 37° 34' 28" Long. 76° 2' 56"

Locality: San Marcos Wrks. N 3/8 W Windmill Pt - ft W x N 1/4 North

Depth: 9 F. Bottom: Soft Sample:

Wind: Direction, SE Force, 4

Sea: Smooth Sky: Clear

TEMPERATURES

Depth	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used
0	B.F.	70.7				Sf	
7	T0479	67.1				+	3
13	98267	65.9				Sf	2

14

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
BJ 8'	9-6	5 44	5 54	
#1&2 Silk nets	Surf	5 44	5 54	

11—5314

NOTES

Tide Flooding

Dredging Course (East)

1773

Station No. 8565 Date: 6/10/1916

Hour: 6 25 P. M. to 6 35 P. M.

Position: Lat. 37° 33' 32" Long. 75° 58' 12"

Locality: Sandy Pt E 1/2 S
Can't Buoy SE & S 1/2 S

Depth: 4 F Bottom: Hard Sample:

Wind: Direction, SE. Force, 4

Sea: Smooth Sky: Clear

TEMPERATURES

Depth	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used
0	C.F.	68.9				4	
3	80479	70.1				+ 3	
7	91267	69.0				+ 2	

15

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	

11—5314

NOTES

Tide Flooding

1223

Station No. 8566 Date: 6/11/1916

Hour: 7 15 A.M. to 8 55 A.M. 76°-9'-46" Buoy Fish SW+W SW 3/4 N

Position: Lat. 37° 51' 32" Long. W

Locality: Smiths Pt St. NW x W
Buoy #19 N N W 1/4 W
Great Wicomico St SW x W 1/2 W

Depth: 22 F. Bottom: Soft Sample:

Wind: Direction, SW Force, 3

Sea: Smooth Sky: Partly cloudy

TEMPERATURES

Depth	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used
0	B.F.	68.2				S+	
8	98262	67.5				S+	2
15	98267	67.0				+	1
18	80479	67.0				S	3
25	80479	67.0				+	3
27	98262	66.4				S	1
35	98267	66.5				+	2

16

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: Transparency:

REMARKS:

11—5314

NETS, ETC., USED Church

Description	Depth F.	TIME Down	TIME Up	Speed
1/2 Meter Vertical	22-0	7 29	7 30	
8' Beam Trawl	10-15-24	8 04	8 28	
#1 & 20 Silk Nets	Surf	8 04	8 28	
Welsh Net	23 1/2-26	8 38	8 46	

11—5314

NOTES

Tide Flooding

Dredging Course (S 1/4 E)

1273

Station No. 8567 Date: 6/11/1916

Hour: 9 27 A. M. to 9 37 A. M.

Position: Lat. 37° 52' 24" Long. 76° 6' 35"

Locality: Tangier Sound St. S.E.
San Marcos S. 1/4 E.
Smiths Pt Ft W x N 1/4 N.

Depth: 8 Bottom: Soft Sample:

Wind: Direction, SW Force, 2

Sea: Smooth Sky: Clear

TEMPERATURES

Depth	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used
0	B.F.	68.7				S+	
8	80479	68.6				+	3
14	98267	66.9				S+	1

17

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	

11—5314

NOTES

Tide Flooding

1223

Station No. 8368 Date: 6/11/1916

Hour: 9 32 A.M. to 10 12 A.M.

Position: Lat. 37° 52' 58" Long. 76° 4' 10"

Locality: Smiths Pt Lt. W 1/4 N
Tangier Is. Lt SE x S

Depth: 3 F. 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
Surface							
0	13 F.	69.1					
4.5	70479	70.0				+	3

18

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: Transparency:

REMARKS:

11—5314

NETS, ETC., USED

Description	Depth F.	TIME Down	TIME Up	Speed
Beam Trawl 8'	3 1/4-3 1/2	10 10	10 08	
#1 & 20 Silk Nets	Surf	10 00	10 08	

11—5314

NOTES

Tide flooding
Dredging Course (S W x S)

XV
1224

Station No. 8569 Date: 6/11/1916

Hour: 12 12 P.M, to 1 00 P. .M.

Position: Lat. 38° 0' 16" Long. 76° 22' 48"

Locality: Pt ~~No Pt Lt.~~ Lookout NE x E 1/4 E
Bell Buoy #5 NW 5/8 W

Depth: 6 1/2 F. Bottom: ~~Soft~~ hard Sample:

Wind: Direction, North Force, 2

Sea: Smooth Sky: Clear

TEMPERATURES

Depth	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used
0	B.F.	70.1				g +	
5	98262	69.7				+	2
11	80479	66.8				g +	3

19

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 3/4 - 7	12 47	12 57	
#1 & 20 Silk Nets	Surf	12 47	12 57	

11—5314

NOTES

Tide Ebbing
Dredging Course (NW x N)

Station No. 8570 Date: 6/11/ 1916

Hour: 1 18 P.M. to 1 55 P.M.

Position: Lat. 38° 1' 26" W ~~Long.~~ N 76° 21' 35"

Bell Buoy #5 ~~N X W~~ 1/4 N

Locality: Pt Lookout St EX N 7/8 N

Fish Buoy SW 3/4 W.

Depth: 12 1/2 F Bottom: Soft Sample:

Wind: Direction, North Force, 2

Sea: Smooth Sky: Clear

TEMPERATURES

Depth	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used
0	B.F.	70.2				+	
5	98267	69.5				+	1
9	98262	68.5				g	2
13	98262	65.2				+	2
18	98267	65.0				g	1
21	80479	65.5				+	3

20

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	12 3/4-11 1/2	1 37	1 47	
#1 & 20 Silk Nets	Surf	1 37	1 47	

11—5314

NOTES

Tide Ebbing

Dredging Course (NW 1/2 W)

Station No. 8571 Date: 6/11/1916

Hour: 2 03 P. M. to 2 09 P. M.

Position: Lat. 38° 2' 39" Long. 76° 20' 30"

Locality: Pt Lookout ft. E.S.E.
Cornfield Pt NNW 5/8 W
(Red Buoy SEXS.)

Depth: 3 1/4 F Bottom: Soft Sample:

Wind: Direction, North Force, 2

Sea: Smooth Sky: Clear

TEMPERATURES

Depth	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used
0	B.F.	70.6				+	
7	80479	68.8				+	3

21

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	

11—5314

NOTES

Tide Ebbing

Station No. P 3·72 Date: 6/11/1916

Hour: 3 20 P. M. to 3 40 P. M.

Position: Lat. 38° 6' 30" Long. 76° 14' 34"

Locality: Holland to Bar St. E x S 3/4 S.
Pt No Pt N 1/2 E
~~Holland~~ to St. NxE 1/2 E.

Depth: 5 1/2 F. Bottom: Soft Sample:

Wind: Direction, North Force, 2

Sea: Smooth Sky: Clear

TEMPERATURES

Depth	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used
0	B.F.	69.2					
4	98262	69.9					2
9	80479	69.8				+	3

22

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
Welsh net	5 1/2 - 6	3 24	3 36	
#1 & 20 Silk nets	Surf	3 24	3 36	

11—5314

NOTES

Tide Ebbing

Dredging Course (SSE to SSW)

x 1224. ✓

Station No. 8573 Date: 6/11/1916

Hour: 4 34 P. M. to 5 25 P. M.

Position: Lat. 38° 7' 42" Long. 76° 13' 46"

Pt. No. Pt W 1/2 N

Locality: Hooper Is Lt N 1/4 W

~~Holland Is. Bar Lt SE 3/4 E~~ X

Depth: 19 1/4 F. Bottom: Soft Sample: Soft Black Mud

Wind: Direction, North Force, 2

Sea: Smooth Sky: Clear

TEMPERATURES

Depth	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used
0	B.F.	71.1				q +	
9	80479	69.0				q	3
14	98267	66.0				+	1
18	98262	65.8				q	2
23	98262	65.5				+	2
27	98267	65.3				q	1
33	80479	65.9				+	3

23

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: Transparency:

REMARKS:

11—5314

NETS, ETC., USED Prayer meeting

Description	Depth	TIME Down	TIME Up	Speed
Beam Trawl 8'	19 1/4-11	4 59	5 19	
#1 & 20 Silk nets	Surf	4 59	5 19	
Bottom Feeler	19 1/4-11	4 59	5 19	
~~[illegible]~~				
1/2 Meter Vertical	19 1/4-0	4 50	4 51	

11—5314

NOTES

Tide Ebbing

Dredging Course (South)

Station No. 8574 Date: 6/11/1916

Hour: 5:52 P.M. to 5:59 P.M.

Position: Lat. 38° 7' 25" Long. 76° 9' 55"

Holland Is Bar ~~St~~ S.E. 1/2 S.

Locality: Hooper Is St. N x W 5/8 W

Pt No Pt St. W 5/8 N

Depth: 4 F. Bottom: Hard Sample:

Wind: Direction, NNE Force, 2

Sea: Smooth Sky: Clear

TEMPERATURES

Depth	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used
0	B.F.	70.5				q+	
6	80479	68.0				+	3

24

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

11—5314

NOTES

~~Slackwater (Low)~~

Tide ebbing

x 1224

Station No. 8575 Date: 6/11/1916

Hour: 7 06 . M. to 7 22 P. M.

Position: Lat. 38° 13' 8" Long. 76° 14' 18"

Point No. Pt. Ft. SW x S. 1/4 S.

Locality: ~~Hooper Strait E 1/8 N~~ Hooper Is Ft. N 3/4 W. ~~Cedar Pt. NW 1/8 W~~

Depth: 20 F Bottom: Soft Blk mud 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

25

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: Transparency:

REMARKS:

11—5314

NETS, ETC., USED

Description	Depth F	TIME Down	TIME Up	Speed
8' Beam Trawl	20-10	7 08	7 16	
#6 20 Silk nets	Surf	7 08	7 16	
Bottom Feeler	20-10	7 08	7 16	

11—5314

NOTES

Tide, Slackwater Low

Dredging Course (NNW)

1224

Station No. 8576 Date: 6/12/1916

Hour: 5 40 A. M. to 5 55 A. M.

Position: Lat. 38° 15' 12" Long. 76° 16' 0"

Hooper Is St. E 7/8 N. Spar Buoy NE 1/4 N.

Locality: Cedar Pt. NW 7/8 W.

~~Pt No Pt. SXW.~~

Depth: 20. Bottom: Soft Sample:

Soft Black Mud

Wind: Direction, North Force, 1

Sea: Smooth Sky: Partly cloudy

TEMPERATURES

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

26

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	20-16½	5 44	5 49	
Bottom [illegible]	"	"	"	
#6 & 20 Silk net	Surf	5 44	5 49	

11—5314

NOTES

Tide Ebbing

Dredging Course (NNW)

X 24
12

Station No. 8577 Date: 6/12/ 1916

Hour: 6 43 A. M. to 7 50 A. M.

Position: Lat. 38° 20' 8" Long. 76° 17' 54"

Barren Is Beacon E 7/8 N

Locality: Hooper Is. St. S x E 3/4 E

(x = Drum Pt. St.) W 1/4 S.

Depth: 24 F. Bottom: Soft Sample:

Soft Black mud.

Wind: Direction, North Force, 1

Sea: Smooth Sky: Clear

TEMPERATURES

Depth	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used
0	NZ						
0	B.F.	68.5				g +	
9	80479	66.7				g +	3
18	98262	63.9				g	2
21	98267	63.7				+	1
27	98267	62.9				g	1
31	98262	62.6				+	2
41	80479	63.0				+	3

27

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: Transparency:

REMARKS:

11—5314

NETS, ETC., USED

Description	Depth F.	TIME Down	TIME Up	Speed
1/2 Meter Vertical	24-0	6 58	6 59	
8' Beam Trawl	24-25-20 1/2	7 10	7 25	
#6 & 20 Silk Nets	surf	7 10	7 25	
Bottom Feeler	24-25-20 1/2	7 10	7 25	
Welsh Net.	16-15	7 37	7 42	

11—5314

NOTES

Tide Ebbing

Dredging Course (NW x N)

x
12 24

Station No. 8578 Date: 6/12 1916

Hour: 8 02 A. M. to 8 35 A. M.

Position: Lat. 38° 21' 0" Long. 76° 21' 30"

Drum Pt St. SW x W 5/8 W.

Locality: Cedar Pt. St. S x W 3/8 W.

Cove Pt. St. N.N.W. 1/8 W

Depth: 7 1/2 F. Bottom: Hard. Sample:

Wind: Direction, NW Force, 1

Sea: Smooth Sky: Clear

TEMPERATURES

Depth	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used
0	B.F.	68.9				St	
6	80479	69.8				+	3
13	98262	63.5				St	2

28

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 1/2-4 1/2	8 14	8 29	
#6 & 20 Silk nets	Surf	8 14	8 29	

11—5314

NOTES

Tide Ebbing

Dredging Course (S W x W)

1225

Station No. 8579 Date: 6/12/1916

Hour: 10 21 A. M. to 10 25 A. M.

Position: Lat. 38° 31' 32" Long. 76° 24' 44"

Locality: Sharps Is ft N x E 3/4 E
Bell Buoy #18-A N 5/8 W
16 F. Spar Buoy E x N

Depth: 11 F. Bottom: Soft Sample:

Wind: Direction, NW Force, 2

Sea: Smooth Sky: Clear

TEMPERATURES

Depth	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used
0	BF.	68.0				Bt	
9	80479	67.7				Bt	3
18	98262	66.8				Bt	2

29

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	11-11	10 12	10 22	

11—5314

NOTES

Tide Ebbing \.
Dredging Course (NNW)

1225

Station No. 8580 Date: 6/12/ 1916

Hour: 10 45 A. M. to 11 10 A. M.

Position: Lat. 38° 31' 22" Long. 76° 28' 18"

Locality: End of Dare Dock NW x N 1/2 N
Governor's Run Dock SW 3/4 W
Bell Buoy #18-A (NE x E)

Depth: 6 1/2 Ft Bottom: Hard Sample:

Wind: Direction, N.W. Force, 2

Sea: Smooth Sky: Clear

TEMPERATURES

Depth	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used
0	B.F.	68.0				9 A	
4	80479	68.8				+ 3	
9	98262	68.6				9 + 2	

30 30

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: Transparency:

REMARKS: 11

11—5314

NETS, ETC., USED

Description	Depth Ft.	TIME Down	TIME Up	Speed
8' Beam Trawl	6 1/2 - 5 1/2	10 31	11 06	
#6 & 7 Silk Nets	Surf	10 31	11 06	

11—5314

NOTES

Tide Ebbing
Dredging Course (NNW 1/2 W)

1225.

Station No. 8381 Date: 6/12/1916

Hour: 12 28 P.M. to 1:00 P.M.

Position: Lat. 38° 40' 16" Long. 76° 25' 7"

Locality: Black Walnut Pt. E 3/4 S.
Sharp's Is. Pt. S.E. 1/2 S.

Depth: 20 1/2 F. Bottom: Soft. Sample:

Wind: Direction, Calm. Force, 0.

Sea: Smooth. Sky: Clear.

TEMPERATURES

Depth	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used
0	B.F.	67.9				+	
8	98267	66.8				+	1
16	98267	60.3				+	1
26	70479	59.9				+	3
36	98262	59.8				+	2

31

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: Transparency:

REMARKS:

11—5314

NETS, ETC., USED

Description	Depth F.	TIME Down	TIME Up	Speed
8' Beam Trawl	20 1/2-17	12 46	12 56	
Bottom Feeler	20 1/2 17	12 46	12 56	
#6 & 20 Silk nets	Surf			

11—5314

NOTES

Tide Flooding

Dredging Course (N 1/2 W)

1225

Station No. 8582 Date: 6/12/ 1916

Hour: 2 02 P. M. to 2 23 P. M.

Position: Lat. 38° 50' 5" Long. 76° 27' 24"
Thomas Pt. St. N x E 3/4 E.

Locality: Bloody Pt. St. E 1/8 S.
Can Buoy #27 W 1/8 S.

Depth: 5' F. Bottom: ~~Soft~~ Hard Sample:

Wind: Direction, NE Force, 1

Sea: Smooth Sky: Clear

TEMPERATURES

Depth	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used
0	B.F.	69.8				S+	
3	80479	69.1				+	3
8	98267	64.3				S+	2

32

THIRTY.

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction
					W	
					□	□

Color of water: Transparency:

REMARKS:

11—5314

NETS, ETC., USED

Description	Depth	TIME Down	TIME Up	Speed
8' Beam Trawl	5-4½	2 09	2 21	
#6 & 20 Silk Nets	Surf	2 09	2 21	

11—5314

NOTES

Tide Flooding.

Dredging Course (N x E ½ E)

1225.

Station No. 8383 Date: 6/12/1916

Hour: 2 44 P. M. to 2 50 P. M.

Position: Lat. 38° 49' 55" Long. 76° 25' 55"
Thomas Pt. St. N 1/4 E

Locality: Bloody Pt St. E 1/4 S.

Depth: 6 3/4 Bottom: Hard Sample:

Wind: Direction, NE Force, 1

Sea: Smooth Sky: Clear

TEMPERATURES

Depth	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used
0	B.F.	68.5				S+	
6	80479	67.0				+	3
11	98262	60.1				S+	2

33

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	

11—5314

NOTES

Tide Flooding

TIDE:

FLOODING.

Do

1225.

Station No. 8584 Date: 6/12/ 1916

Hour: 3 03 P. M. to 4 25 P. M.

Position: Lat. 38° 50' 22" Long. 76° 24' 0"

Locality: Thomas Pt. Lt H x W 15/16 W
Bloody Pt Lt SE 7/8 E.

Depth: 30 F. Bottom: Soft Mud Sample: with some sand

Wind: Direction, SW Force, 1

Sea: Smooth Sky: Clear

TEMPERATURES

Depth	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used
0	23 F.	66.5				8+	
6	80479	67.0				+	3
13	98267	61.5				8	1
22	98262	59.0				+	2
32	98267	59.0				8+	1
42	98262	59.0				+	2
51	80479	59.7				8+	3

37

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: water color Transparency:

REMARKS: Some Station

11—5314

NETS, ETC., USED

Description	Depth F.	TIME Down	TIME Up	Speed
1/2 Meter Vertical	30-0	3 26	3 27	
8' Beam Trawl	29-17	3 38	3 53	
Bottom Feeler	29-17	3 38	3 53	
#6 & 20 Silk Nets	Surf	3 38	3 53	
Welsh Net	Surf	4 02	4 22	

11—5314

NOTES

Tide Flooding!

Dredging Course (N 1/2 E)

1225

Station No. 85-85- Date: 6/12/ 1916

Hour: 4 35- P. M. to 4 55- P. M.

Position: Lat. 38° 55' 14" Long. 76° 23' 37"

Locality: Thomas Pt Lt. SWxW 3/8W. Greenbury Pt Shoal Lt. NW½N Sandy Pt. Lt. N.7/8 E.

Depth: 12½ F. Bottom: Soft Sample:

Wind: Direction, Calm Force, 0

Sea: Smooth Sky: Clear

TEMPERATURES

Depth	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used
3							

35-

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: Transparency:

REMARKS:

11—5314

NETS, ETC., USED

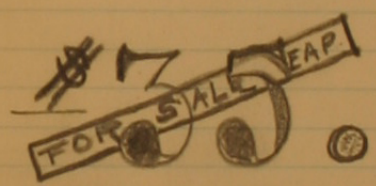
Description	Depth	TIME Down	TIME Up	Speed
8' Beam Trawl	12½-14	4 43	4 49	
Bottom Feeders	12½-14	4 43	4 49	

11—5314

NOTES

Tide Flooding

Dredging Course (NxE½E)



1226

Station No. 8386 Date: 6/12/ 1916

Hour: 5.45 P. M. to 5.55 P. M.

Position: Lat. 39° 1' 41" Long. 76° 22' 36"

Sandy Pt. SW x S 1/4 S.

Locality: Baltimore Pt. NXW 3/4 W

Depth: 9 F. Bottom: Soft Sample:

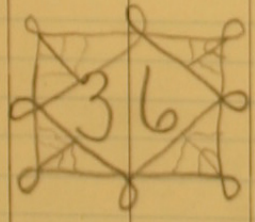
Wind: Direction, SE Force, 1

Sea: Smooth Sky: Clear & Hazy Horizon

TEMPERATURES

Depth	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used
0	B.F.	68.1				9+	
7	80479	63.6				+	3
15	98262	58.9				9+	2

36



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

11—5314

NOTES

Tide Flooding

1226

Station No. 8587 Date: 6/12/1916

Hour: 6 00 P. M. to 6 21 P. M.

Position: Lat. 39° 1' 37" Long. 76° 20' 30"

Locality: Sandy Pt. W x S. Baltimore St
NW 1/8 N. Love Pt EXE 3/4 E

Depth: 13 F. Bottom: Soft Sample:

Wind: Direction, SE Force, 1

Sea: Smooth Sky: Clear & Hazy Horizon

TEMPERATURES

Depth	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used
0	B.F.	67.9				F+	
5	98267	66.0				+	1
12	98262	58.6				F+	2
20	80479	58.1				+	3

37

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction
1 T	DEPTH					
	TIME DOWN					
	REVOLUTIONS					
	SPEED					

Color of water: Transparency:

REMARKS:

11—5314

NETS, ETC., USED

Description	Depth	TIME Down	TIME Up	Speed
#6 & 20 silk nets	Surf	6 10	6 20	

11—5314

NOTES

Tide Flooding
Dredging Course (NNE)

+ 1216.

Station No. 8588 Date: 6/12 1916

Hour: 7 03 P. M. to 7 30 P. M.

Position: Lat. 39° 7' 10" x = 1/8 Long. 76° 18' 28" (x) 1/8 W.
Love Pt Lt. S x E.

Locality: Baltimore Lt. SW x W

Depth: 11 1/2 F Bottom: Soft Sample:

Wind: Direction, Calm Force, 0

Sea: Smooth Sky: Clear

TEMPERATURES

Depth	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used
0	B.F.	68.2				Surf	
3.5	98267	66.4				+	1
8.5	98262	61.5				Ft	2
16.5	80479	60.6				+	3

38

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: Transparency:

REMARKS: FINIS.

11—5314

NETS, ETC., USED

Description	Depth	TIME Down	TIME Up	Speed
#6 & 20 silks	Surf	7 15	7 25	

11—5314

NOTES

Tide flooding

Dredging Course (S SW 1/2 W)

AH! THERE YOU ARE, YOU LITTLE DEVIL!

38 STATIONS.

Station No. 8589 Date: 7/17 1916

Hour: 9 00 a. M. to 9 30 a. M.

Position: Lat. Long.

Locality:

Depth: 5 – 6¼ Bottom: Hard Sand Sample:

Wind: Direction, South W Force, 1

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
Welsh Net	5-6¼	9 00	9 30	

11—5314

NOTES

Tide (Flooding)

Dredging Course (NE x E)

a. 1222

Station No. 8590 Date: 7/17/1916

Hour: 11 35 . M. to 1 50 P.M. M.

Position: Lat. 36° 47' 47" Long. 75° 55' 57"

Locality: Dam Neck, Mills Life Saving Sta. WSW
Tank Va. Beach NW 1/2 W

Depth: 5 F. Bottom: Hard Sample:

Wind: Direction, S.S.E Force, 3

Sea: Moderate Sky: Clear

TEMPERATURES

Depth	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used
[illegible]	BF	[illegible]	2	[illegible]	[illegible]	[illegible]	[illegible]

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: Transparency:

REMARKS:

11—5314

NETS, ETC., USED A.M.

Description	Depth F	TIME Down	TIME Up	Speed
8' Beam Trawl (S&M.B.)	5–5	11 36	11 46	
8' Beam Trawl	5–5	12 00	12 20	
Welsh Net	4 3/4–4 3/4	12 28	12 48	
8' Beam Trawl	4–4	12 53	1 13	
Welsh Net	4–4	1 21	1 36	
Mud Bag	4–4	1 40	1 45	

1/2 meter net
Welsh net over for same lines as other trawls except for last

11—5314

NOTES

Tide Flooding

Dredging Course (North)

" " (NXW 1/2 W)

Station No. 8591. Date: 7/18/16. 191

Hour: 4.10 P. M. to 4.22 P. M.

Position: Lat. 36° 56' 38" Long. 75° 58' 13"

Cape Henry

Locality: Li. Ho. W.S.W. Li. Ship. NW X N.

Depth: 7¼ f. Bottom: Soft. Sample: Soft mud & sand.

Wind: Direction, E. Force, 2.

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

Color of water: Transparency:

REMARKS:

NETS, ETC., USED

Description	Depth	TIME Down	TIME Up	Speed
B.T. & M.B.	7¼-7	4.10	4.22	
½ meter.	Surf	4.10	4.22	
8 x 20 silk.	Surf	4.10	4.22	

NOTES

Tide: Ebbing.

Course: Dredging. (NW X SE.)

12W

Station No. 8592. Date: 7/18/16. 101

Hour: 4 35 p. M. to 4 48 p. M.

Position: Lat. 36° 56' 37" Long. 75° 58' 38"

Cape Henry

Locality: Li. No SWXW ½W. Li. ship NWXN ½N

Depth: 10½ f. Bottom: Hard. Sample: Coarse sand, gravel & shells.

Wind: Direction, E Force, 2

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

Color of water: Transparency:

REMARKS:

a

DATA, ETC., USED

Description	Depth	Time Down	Time Up	Speed
B.T. & M.B.	6	4 35	4 43	
#20 Silk	Surf	4 35	4 43	
Fox Meter	Surf	4 35	4 43	

NOTES

Tide: Ebbing

Course: Dredging (NWWXS)

Station No. 8593 Date: 7/23/1916

Hour: 6 55 A.M. to 8 20 A.M.

Position: Lat. 37° 0' 40" Long. 76° 15' 12"

Locality: Thimble Shoal Lt. E x N., Gas bury S.S. E 1/2 E. Old Pt. Comfort Lt. W 1/2 S

Depth: 9 1/2 F. Bottom: Hard Sand & Marine growth Sample:

Wind: Direction, South Force, 3

Sea: Smooth Sky: Cloudy

TEMPERATURES

Depth	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used
0	B.F.	75.8				+	
8	98262	76.2				+	Bi gelow
15	80479	74.0				+	Greene

1

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: Transparency:

REMARKS: We are off [illegible]

11—5314

NETS, ETC., USED

Description	Depth F	TIME Down	TIME Up	Speed
BT & Md Bag.	6 3/4-7	7 30	7 43	
#5 Silk net	Surf	7 30	7 43	
#20	Surf	7 30	7 43	
Welsh net	8 1/2-11-14 3/4	8 08	8 18	

11—5314

NOTES

Tide Ebbing.

Course Dredging (E 1/2 S)

Depths

Welsh net - 8 1/2 - 11 - 14 3/4

a.

1222.

Station No. 8594. Date: 7/25/1916

Hour: 10 06 A.M. to 10 40 A.M.

Position: Lat. 36° 58' 45" Long. 76° 7' 48"

Locality: Cape Henry ~~#5~~ S E x E · Buoy #4 W. 3/4 N.

Depth: 5 F. Bottom: Hard Sand Sample:

Wind: Direction, South. Force, 3.

Sea: Moderate. Sky: Cloudy.

TEMPERATURES

Depth	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used
0	B.F.	75.6				+	
5	98262	72.0				+	B
9	80479	72.1				+	g

2

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: Transparency:

REMARKS:

11—5314

a.

NETS, ETC., USED

Description	Depth F.	TIME Down	TIME Up	Speed
Beam Trawl & M.B.	5 1/2 - 5 3/4	10 20	10 35	
#5 Silk Net	Surf	10 20	10 35	
#20 " "	Surf	10 20	10 35	

11—5314

NOTES

Tide. Low water Slack

Course Dredging (S E x E 1/2 E)