8497-to-8545

-INCLUSIVE-

Smooth Dredging Record.

FISH HAWK.
8497
To
8545

1222

Station No. 8497 Date: April 21 1916

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

Position: Lat. 37° 00' 33" Long. 76° 15' 25"

Locality: Thimble St. ENE 3/4 E, Bell Buoy #15 S.E 1/8 E.

Depth: 15 1/4 F. Bottom: Hard Sample:

Wind: Direction, S. W. Force, 3-4

Sea: Smooth Sky: Clear

TEMPERATURES

Depth meters	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used
0	B.F.	57.0				+	
3	109749	54.9				+	1
5	109749	54.0				+	1
10	80479	54.0				+	2
15	98267	51.8				+	1
18	109749	51.1				+	3
26	98267	47.8				+	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
Beam Trawl & M.B.	15—	11 15		
#5 Silk Net	Sur	11 15	11 30	
#20 " "	Sur	11 15	11 30	

11—5314

NOTES

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

1222

Station No. 8498 Date: April 21 1916

Hour: 3 40 P. M. to 4 10 P. M.

Position: Lat. 36° 38' 38" Long. 76° 07' 14"

Locality: #4 Buoy N x W 3/8 W
#5 " W 1/4 N

Depth: 5 1/4 F. Bottom: Hard Broken Shells Sample:

Wind: Direction, South Force, 4

Sea: Moderate Sky: Clear & Smoky Horizon

TEMPERATURES

Depth meters	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used
0	B.F.	54.3				+	
3	98267	50.0				+	3
6	109749	50.1				+	1
9	80479	46.2				+	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	
Beam Trawl & Mud Bag	5 1/4-5 1/2	3 58	4 06	
#5 Silk Net	Surf	3 58	4 06	
#20 Silk Net	Surf	3 58	4 06	

11—5314

NOTES

(Dredging Course) SE x E

Tide Flooding

1222

Station No. 8499 Date: April 22 1916

Hour: 6 38 A.M. to 7 20 A.M.

Position: Lat. 36° 57' 06" Long. 75° 59' 56"

Locality: Cape Henry Light SW x S 3/4 S. Lightship N 3/4 W

Depth: 12 3/4 F. Bottom: Hard Sample: Fine Sand & Broken Shells

Wind: Direction, West Force, 2

Sea: Gentle Swell Sky: Clear

TEMPERATURES

Depth Meters	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used
~~10~~ 0	B.F.	52.0				8+	
7	109749	51.0					1
9	98267	49.1				8+	3
15	80479	45.5				+	2
18	80479	44.5				8+	2
22	98267	43.9				+	3

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	
1/2 meter Vertical	13-0	6 58	6 59	
B.J. & M.B.	13-11 1/2	7 07	7 17	
#5 Silk Net	Surf	7 07	7 17	
#20 " "	Surf	7 07	7 17	

11—5314

NOTES

(Dredging Course) ENE to S.E.

Mud Bag carried away and lost

Tide Flooding

1222

Station No. 8500 Date: April 22 1916

Hour: 8 00 A. M. to 8 50 A. M.

Position: Lat. 36° 59' 45" Long. 76° 00' 34"

Locality: Lightship S 3/8 E. Cape Henry St. S 1/4 W
Whistling Buoy SW x W 1/4 W

Depth: 9 F. Bottom: Hard Broken Shells Sample:

Wind: Direction, N.W. Force, 2

Sea: Gentle Swell Sky: Clear

TEMPERATURES

Depth Meters	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used
0	B.F.	53.9				g+	
3	80479	52.9				+	2
5	98267	47.9				+	2
9	98267	46.3				g+	3
13	80479	47.0				+	2

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 & Mud Bag	9 1/4 - 8 3/4	8 35	8 43	
#5 Silk Net	Sur	8 35	8 43	
#20 " "	Sur	8 35	8 43	

11—5314

NOTES

(Dredging Course) S x E 1/2 E

Tide Flooding

1222

Station No. 8501 Date: April 22 1916

Hour: 9^09 A.M. to 9^30 A.M.

Position: Lat. 37° 01' 09" Long. 75° 59' 20"

Locality: Buoy 4A, W x N 1/4 N, Bell Buoy #4, S & E Light Ship S.S.W 1/4 W

Depth: 4 1/2 F. Bottom: Hard Sample: Broken Shells

Wind: Direction, NW Force, 1

Sea: Gentle Swell Sky: Clear

TEMPERATURES

Depth Meters	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used
0	B.F.	51.8				+	
3	60479	53.2				+	2
7	98267	49.0				+	3

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	
Mud Bag	4½-4½	9 17	9 22	

11—5314

NOTES

Tide—Flooding

(Dredging Course) E X N to N

1222

Station No. 8502 Date: April 22 1916

Hour: 10 00 A.M. to 10 35 A.M.

Position: Lat. 37° 03' 24" Long. 75° 58' 20"

Locality: Cape Charles St. N.E., Buoy E 1/8 S
St. Ship SW x S 3/4 S.

Depth: 10 F. Bottom: Hard Sample:
Shells & F.G. S.

Wind: Direction, West Force, 2

Sea: Gentle Swell Sky: Clear

TEMPERATURES

Depth Meters	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used
0	B.F.	51.5				Gt	
5	109749	50.9				+	1
10	80479	51.5				Gt	2
16	98267	50.3				+	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
B.J. & M.B.	8 3/4-9	18 19	18 29	
#5 Silk Net	Sur	18 19	18 29	
#20 " "	Sur	18 19	18 29	

11—5314

NOTES

Tide Flooding
(Dredging Course) NW x N.

1222

Station No. 8503 Date: April 22 1916

Hour: 12 . M. to 2 00 P. M.

Position: Lat. 37° 15' 21" Long. 76° 04' 40"

Locality: Plantation Light SE 3/8 S., Buoy #10 N 1/4 E
Cherrystone Light E 3/8 N.

Depth: 25 F Bottom: Hard Sample: Broken Shells

Wind: Direction, West Force, 2

Sea: Smooth Sky: Partly Cloudy

TEMPERATURES

Depth meters	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used
0	B.F.	52.6				g+	
9	98267	50.5				g+	3
18	80479	51.2				g	2
27	109749	50.9				g	1
25	109749	50.6				+	1
34	80479	52.0				+	2
41	98267	51.6				+	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
B.T. & M.B.	24-16	1 00	1 20	
#5 Silk Net	Surf	1 00	1 20	
#20 " "	Surf	1 00	1 20	
1/2 Meter Vertical	25-0	12 19	12 20	
Welsh Net	19 1/2-20	1 38	1 53	

11—5314

NOTES

Tide Flooding

(Dredging Course) S E x S.

1222

Station No. 8504 Date: April 22 1916

Hour: 2 18 P. M. to 2 33 P. M.

Position: Lat. 37° 15' 54" Long. 76° 07' 42"

Locality: Plantation St. S.ExE #10 Buoy ExN 5/8 N Buoy #15, SxE 1/8 E

Depth: B.F. Bottom: Soft Sample: Fine grayish Sand & Mud

Wind: Direction, West Force, 1

Sea: Smooth Sky: Cloudy

TEMPERATURES

Depth Meters	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used
0	B.F.	58.0				Ft	
7	80479	50.2				+	2
12	109749	49.4				Ft	1

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	
Mud Bag	7-7	2 25	2 30	
#5 Silk Net	Surf	2 25	2 30	
#20 " "	Surf	2 25	2 30	

11—5314

NOTES

Tide Flooding

Dredging Course (E to S.)

1222

Station No. 8505 Date: April 22 1916

Hour: 2 48 P. M. to 3 10 P. M.

Position: Lat. 37° 15' 58" Long. 76° 10' 54"

Locality: New Pt. Comfort St. NW x W 3/8 W York Spit Sthse. SW 1/2 W. Buoy C7 West

Depth: 6 F. Bottom: Hard Sample: Marine growth, Fine Sand and Mud

Wind: Direction, West Force, 1

Sea: Smooth Sky: Cloudy

TEMPERATURES

Depth meters	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used
0	B.F.	56.0				g+	
5	98267	49.4				+	3
10	80479	49.8				g+	2

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 & M.B.	6-6	2 57	3 05	

11—5314

NOTES

Tide Flooding

Dredging Course (N x E.)

1222

Station No. 8506 Date: April 22 1916

Hour: 3 40 P. M. to 4 00 P. M.

Position: Lat. 37° 16' 50" Long. 76° 14' 27"

Locality: Buoy C9, NW x N 1/4 N, New Pt. Comfort St, NW 3/4 W, York Spit St SW 1/2 W

Depth: 5 1/2 F. Bottom: Hard Sample: Fine Sand, mud and Marine growth

Wind: Direction, West Force, 4

Sea: Choppy Sky: Cloudy

TEMPERATURES

Depth meters	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used
0	B.F.	54.2				Ft	
5	98267	53.9				+	3
10	80479	50.3				Ft	2

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
B.J. & M.B.	5 1/2-5	3 50	3 55	
#5 Silk net	Surf	3 50	3 55	
#20 " "	Surf	3 50	3 55	

11—5314

NOTES

Tide Flooding
Dredging Course (S.E.)

1222

Station No. 8507 Date: April 22 1916

Hour: 5 30 P. M. to 5 50 P. M.

Position: Lat. 37° 23' 24" Long. 76° 05' 08"

Locality: Wolf Trap ft. W½N, Plantation St S¼E

Depth: 13 F Bottom: Hard Sample: Shells and marine growth

Wind: Direction, North Force, 4

Sea: Choppy Sky: Overcast

TEMPERATURES

Depth meters	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used
0	B.F.	55.0				+	
6	80479	53.9				+	2
13	109749	49.9				+	1
21	98267	50.2				+	3

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	
mud Bag	12 3/4-9 1/4	5-38	5-43	

11—5314

NOTES

Tide Flooding
(Dredging Course) E N E.

1223

Station No. 8508 Date: April 23 1916

Hour: 6 24 A.M. to 6 55 A.M.

Position: Lat. 37° 34' 00" Long. 75° 59' 07"

Locality: Can Buoy #1 Bearing SE1/2E Distance 1 mile

Depth: 4 1/4 F Bottom: Hard Sample: Shells and marine growth

Wind: Direction, S.S.W Force, 2

Sea: Smooth Sky: Cloudy

TEMPERATURES

Depth Meters	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used
0	B.F.	53.3				Gt	
2.5	109749	54.0				+	1
6.5	98267	51.5				Gt	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
Beam Trawl & M.B.	5¼-5½	6 38	6 48	
# 5 Silk net	Sur	6 38	6 48	
# 20 " "	Sur	6 38	6 48	

11—5314

NOTES

Tide Ebbing

Dredging Course (S.S.W.)

1223

Station No. 8509 Date: April 23 1916

Hour: 7 13 A.M. to 7 30 A.M.

Position: Lat. 37° 33′ 10″ Long. 76° 02′ 25″

Locality: Can Buoy #1 bore E 3/8 S
approximate distance 3 1/2 miles

Depth: 8 F Bottom: Soft Sample:
Soft Sticky Mud

Wind: Direction, S.S.W Force, 2

Sea: moderate Sky: partly cloudy

TEMPERATURES

Depth meters	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used
0	B.F.	53.8				+	
4	109749	54.1				+	1
8	98267	50.5				+	3
14	80479	49.6				+	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	

11—5314

NOTES

Tide Ebbing

1223

Station No. 8510 Date: April 23 1916

Hour: 8 02 A.M. to 8 30 A.M.

Position: Lat. 37° 35' 08" Long. 76° 07' 06"

Locality: Windmill Pt. Sthse W x N ¼ North Bell Buoy W 3/8 N

Depth: 7.F. Bottom: Soft Sample: Soft Black Mud

Wind: Direction, S.S.W. Force, 2

Sea: Smooth Sky: Partly cloudy

TEMPERATURES

Depth meters	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used
0	B.F.	52.2				+	
4.5	98267	52.9				+	3
11.5	80479	49.1				+	2
8	109749	48.8					1

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 & Mud Bag	7-7	8 14	8 24	

11—5314

NOTES

Tide Ebbing
Dredging Course (S x W.)

1223

Station No. 8511 Date: April 23 1916

Hour: 9 00 A. M. to 9 35 A. M.

Position: Lat. 37° 35' 48" Long. 76° 10' 24"

Locality: Windmill Pt. ft. W 1/2 N. Bell Buoy SW x W 1/2 W

Depth: 7 F. Bottom: Hard Sample: Thin Layer of Black Mud

Wind: Direction, S.W. Force, 2

Sea: Smooth Sky: Cloudy

TEMPERATURES

Depth meters	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used
0	B.F.	51.0				8+	
2	98267	52.9					3
4	80479	53.1				+	2
6	109749	48.3					1
8	109749	48.0				+	1
10	98267	48.0				8	3
12	80479	48.8				+	2

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 & Mud B.	7 1/4-7 1/4	9 18 a.m.	9 28	
#5 Silk Net	Surf	9 18	9 28	
#20 " "	Surf	9 18	9 28	

11—5314

NOTES

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

1223

Station No. 8512 Date: April 23 1916

Hour: 12 25 P.M. to 2 10 P.M.

Position: Lat. 37° 51' 38" Long. 76° 09' 44"

Locality: Smith Pt. Lt. NW x N. Buoy NNW

Depth: 24 F. Bottom: Hard Sample: Fine gray Sand & Mud

Wind: Direction, North Force, 4

Sea: Moderate Sky: Partly Clear

TEMPERATURES

Depth	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used
meters							
0	B.F.	53.7				8+	
6	80479	52.0				+	2
9	109749	47.3				8	1
16	109749	47.2				+	1
18	80479	48.0				8	2
25	109749	47.1				+	1
27	98267	47.8				8	3
34	80479	48.2				+	2
42	98267	48.0				+	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
1/2 meter Vertical	24-0	12 51	12 52	
Beam trawl & M.B	9-24 1/2	1 14	1 39	
#5 Silk Net	Surf	1 14	1 39	
#20 " "	Surf	1 14	1 39	
Welsh Net	10-17 1/4	1 57	2 07	

11—5314

NOTES

Tide Ebbing

(Dredging Course)(SW x S)

1223

Station No. 8513 Date: April 23 1916

Hour: 2 37 P. M. to 3 05 P. M.

Position: Lat. 37° 52' 46" Long. 76° 07' 30"

Locality: Smith Pt. St. W½N, Great Wicomico St. SW×W½W

Depth: 7.F. Bottom: Soft Sample: Soft Black mud

Wind: Direction, North Force, 4

Sea: Choppy Sky: Partly Cloudy

TEMPERATURES

Depth Meters	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used
0	B.F.	52.3				8+	
5.5	80479	54.5				+	2
12.5	98267	47.8				8	3

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

1223

Station No. 8514 Date: April 23 1916

Hour: 3 25 P.M. to 3 50 P.M.

Position: Lat. 37° 52' 30" Long. 76° 05' 15"

Locality: Smith Point St. W 3/4 N Tangier Sound St. SE 3/8 S

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

Wind: Direction, North Force, 4

Sea: Choppy Sky: Partly cloudy

TEMPERATURES

Depth Meters	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used
0	B.F.	50.8				+	
5	80479	49.9				+	2
9	98267	47.4				+	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
Beam Trawl & M.B.	5 3/4 5 3/4	3 36	3 44	

11—5314

NOTES

(Course Dredging) (S.S.W)

Tide Ebbing

1223

Station No. 8515 Date: April 24 1916

Hour: 11 40 A.M. to 11 50 A.M.

Position: Lat. Long.

Locality: off Port Abello Point, opposite St. Marys. St. Marys River

Depth: 17 feet Bottom: Hard Sample: Hard Mud

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 feet	TIME Down	TIME Up	Speed
Mud Bag	19-17	11 44 AM	11 49 AM	

11—5314

NOTES

Tide Ebbing

Dredging Course (SW x S)

1223

Station No. 8016 Date: April 24 1916

Hour: 1 07 P.M. to 1 38 P.M.

Position: Lat. 38° 00' 30" Long. 76° 22' 38"

Locality: Fish Buoy Bearing W S W Dist 175 yds
Bell Buoy N W ½ W

Depth: 6 ft. Bottom: Soft Sample:
Soft Black Mud

Wind: Direction, N N W Force, 2

Sea: Smooth Sky: Clear

TEMPERATURES

Depth meters	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used
# 0	B.F.	52.4				8+	
5	80479	53.5				+	2
10	98267	50.9				8+	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
Beam Trawl & M.B.	6½-6½	1 23	1 33	
# 5 Silk Net	Surf	1 23	1 33	
#20 " "	Surf	1 23	1 33	

11—5314

NOTES

Tide Ebbing

Dredging Course (S E x S.)

1223

Station No. 8517 Date: April 24 1916

Hour: 2 00 P.M. to 2 38 P.M.

Position: Lat. 38° 01' 20" Long. 76° 21' 18"

Locality: Pt. Lookout St. NEXE 5/8E, Bell Buoy WXN 1/4N
Fish Buoy SWXW

Depth: 12 3/4 F Bottom: Soft Sample: Soft Black Mud

Wind: Direction, NNW Force, 2

Sea: Smooth Sky: Clear

TEMPERATURES

Depth meters	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used
0	B.F.	52.2				F+	
5	109749	51.6				+	1
11	80479	51.0				F+	2
21	98267	47.2				+	3

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	
Welsh Net	12 3/4-9	2 10	2 22	
Mud Bag	9-9	2 28	2 33	

11—5314

NOTES

Tide Ebbing
Dredging Course (S. E)

1223

Station No. 8518 Date: April 24 1916

Hour: 2 55 P.M. to 3 05 P.M.

Position: Lat. 38° 02' 30" Long. 76° 20' 32"

Locality: Pt. Lookout Lt. E x S 1/4 S, Pt. Lookout Buoy S E 1/2 S.

Depth: 5 3/4 F. Bottom: Soft Sample: Soft Black Mud

Wind: Direction, N W Force, 1

Sea: Smooth Sky: Clear

TEMPERATURES

Depth Meters	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used
0	B.F.	52.4				8+	
4	80479	50.8				+	2
8	98267	49.8				8+	3

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 (Slackwater low)

1223

Station No. 8519 Date: April 24 1916

Hour: 4 10 P. M. to 4 35 P. M.

Position: Lat. 38° 07' 03" Long. 76° 16' 54".

Locality: Pt no Pt St. NW x N 1/4 N, Pt. Lookout St. SW x S 1/2 S.

Depth: 7 F. Bottom: Soft Sample: Soft Black mud & Shells

Wind: Direction, East Force, 1

Sea: Smooth Sky: Hazy

TEMPERATURES

Depth meters	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used
0	B.F.	50.5				B+	
5	80479	52.0				+	2
11	98267	51.1				B+	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
Beam Trawl & M.B.	7-7	4 23	4 21	

11—5314

NOTES

Tide Flooding
Dredging Course (East)

1223

Station No. 8520 Date: April 24 1916

Hour: 4 56 P. M. to 6 15 P. M.

Position: Lat. 38° 07' 12" Long. 76° 13' 45"

Locality: Point No Pt. St. W x N 1/2 N, Point Lookout St. S.W. 3/8 W

Depth: 20 F. Bottom: Soft Sample: Soft Black Mud

Wind: Direction, Calm Force, 0

Sea: Smooth Sky: Hazy

TEMPERATURES

Depth meters	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used
0	B.F.	51.7				8+	
5	109749	49.4				+	1
9	98267	49.0				8+	3
17	109749	47.1				8+	1
26	80479	48.0				8+	2
36	98267	47.5				+	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	20-0	5·11	5·12	
Beam Trawl & M.B.	20-16	5·24	5·44	
Welsh Net	18-18½	5·07	6·07	

11—5314

NOTES

Tide Flooding
Dredging Course (North)

1223

Station No. 8521 Date: April 24 1916

Hour: 6 40 P.M. to 6 50 P.M.

Position: Lat. 38° 08' 10" Long. 76° 10' 00"

Locality: Point No Pt Ft. W 1/8 N. Hooper Strait St. N.E.

Depth: 4.F. Bottom: Hard Sample: F.G.S. and Shells

Wind: Direction, Calm Force, 0

Sea: Smooth Sky: Hazy

TEMPERATURES

Depth meters	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used
0	B.F.	54.2				~~8~~ +	
2.5	80479	54.9				+	2
6.5	98267	49.9				~~8~~ +	3

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. 8522 Date: April 25 1916

Hour: 6 50 A. M. to 7 25 A. M.

Position: Lat. 38° 14' 42" Long. 76° 15' 36"

Locality: Hooper Is St. N.E., Buoy N 1/2 E

Depth: 20 F Bottom: Soft Sample: Soft Black Mud

Wind: Direction, S.E. Force, 1

Sea: Smooth Sky: O.C.R. & Hazy

TEMPERATURES

Depth meters	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used
0	B.F.	50.9				+	
3	98267	50.5				+	3
9	109749	48.0				+	1
18	109749	47.5				+	1
26	80479	48.0				+	2
35	98267	46.0				+	3

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: Transparency:

REMARKS:

11—5314

NETS, ETC., USED

Description	Depth .F.	TIME		Speed
		Down	Up	
Beam Trawl & M.B.	19-19 1/4	7 11	7 21	

11—5314

NOTES

Tide Flooding
Dredging Course (N N W)

1224

Station No. 8523 Date: April 25 1916

Hour: 8 06 A. M. to 9 30 A. M.

Position: Lat. 38° 20' 24" Long. 76° 18' 14"

Locality: Barren Is. Buoy #16 D, bearing by compass, NE x N. Distance about 200 yds

Depth: 26 F. Bottom: Soft Sample: Soft Black Mud & Marine Growth

Wind: Direction, S.E. Force, 4

Sea: Moderate Sky: O.C.R. & Hazy

TEMPERATURES

Depth meters	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used
0	B.F.	50.8				+	
5	98267	50.1				+	3
10	80479	49.1				+	2
18	109749	46.6				+	1
27	109749	46.8				+	1
37	80479	45.9				+	2
46	98267	45.0				+	3

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: Transparency:

REMARKS:

11—5314

NETS, ETC., USED

Description	Depth Ft	TIME Down	TIME Up	Speed
1/2 Meter Vertical	26-0	8 23	8 24	
Beam Trawl & M.B.	26-25 1/2	9 00	9 10	
Welsh Net	16-16	9 34	9 40	

11—5314

NOTES

Tide Flooding

Dredging Course (N.N.W.)

1224

Station No. 8524 Date: April 25 1916

Hour: 10 02 A.M. to 10 30 A.M.

Position: Lat. 38° 21' 03" Long. 76° 22' 10"

Locality: Cove Pt. ft. N 7/8 E, Buoy # 21 NE X E 3/4 E

Depth: 4.F. Bottom: Hard Sample: Broken Shells

Wind: Direction, S.E. Force, 4.

Sea: Choppy Sky: OCR. & Hazy

TEMPERATURES

Depth Meters	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used
0	B.F.	51.1				+	
3.5	80479	52.6				+	2
6.5	98267	51.9				+	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
Beam Trawl 4 M.B.	3 3/4 - 6	10^{22}	10^{28}	

11—5314

NOTES

Tide Flooding

Dredging Course (N to E)

1224

Station No. 8525 Date: April 25 1916

Hour: 11 31 A.M. to 11 50 A.M.

Position: Lat. 38° 31' 09" Long. 76° 25' 00"

Locality: N. End of James ds E 1/2 N. Bell Buoy 18 A N 1/4 E.

Depth: 12 3/4 F Bottom: Soft Sample: Soft Black Mud

Wind: Direction, East Force, 4

Sea: Choppy Sky: Overcast

TEMPERATURES

Depth Meters	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used
0	B.F.	49.9				g+	
7	109749	48.9				+	1
15	80479	46.1				g+	2
22	98267	45.1				+	3

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

File Flooding

1224

Station No. 8526 Date: April 25 1916

Hour: 12 35 P. M. to 1 00 P. M.

Position: Lat. 38° 30' 15" Long. 76° 28' 45"

Locality: Governors Run Wharf bearing W1/4 S. Approximate Distance 7/8 Mile

Depth: 5 F. Bottom: Hard Sample: Broken Shells

Wind: Direction, N.E. Force, 4

Sea: Choppy Sky: Overcast

TEMPERATURES

Depth Meters	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used
0	B.F.	50.5				g+	
3	80479	52.1				+	2
7	98267	51.5				g+	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
Mud Bag	5½-5¼	12 48	12 53	

11—5314

NOTES

Tide Ebbing
Dredging Course (NNE.)

1224

Station No. 8527 Date: April 25 1916

Hour: 2 20 P.M. to 2 55 P.M.

Position: Lat. 38° 40' 15" Long. 76° 25' 09"

Locality: Sharps to St. SE 1/2 S Black Walnut Pt. E 7/8 S

Depth: 20 F. Bottom: Hard grayish Marl & Mud Sample:

Wind: Direction, N.E. Force, 4

Sea: Moderate Sky: O.C.R.

TEMPERATURES

Depth Meters	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used
0	B.F.	49.2				+	
5	80479	50.3				+	2
9	109749	46.0				+	1
18	109749	44.9				+	1
26	80479	45.2				+	2
35	98267	44.9				+	3

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: Transparency:

REMARKS:

11—5314

NETS, ETC., USED

Description	Depth	TIME		Speed
	F	Down	Up	
Beam Trawl & M. B.	20 19 1/4	2 39	2 51	
#5 Silk Net	Surf	2 39	2 51	
#20 " "	"	2 39	2 51	

11—5314

NOTES

Tide Ebbing

Dredging Course (N x W)

1224

Station No. 8528 Date: April 25 1916

Hour: 4 10 P. M. to 4 30 P. M.

Position: Lat. 38° 47' 30" Long. 76° 25' 06"

Locality: Bloody Pt St NNE 3/4 E, North End of Poplar Is. SE x E 3/4 E

Depth: 20 F Bottom: Soft. Sample: Soft Black Mud

Wind: Direction, NW Force, 2

Sea: Smooth Sky: O.C.

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 .F.	TIME		Speed
		Down	Up	
Beam Trawl & M.B.	20-17	4 14	4 24	

11—5314

NOTES

Tide Ebbing

Dredging Course (S.S.W.)

1224.

Station No. 8529 Date: April 26 1916

Hour: 6 30 A.M. to 6 50 A.M.

Position: Lat. 38° 50' 15" Long. 76° 27' 16"

Locality: Thomas Pt Lt. N x E 1/2 E, Bloody Point Lt. E 7/8 S.

Depth: 5 F. Bottom: Hard Sample: Sand & Broken Shells

Wind: Direction, West Force, 1

Sea: Smooth Sky: Clear Hazy Horizon

TEMPERATURES

Depth meters	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used
0	B.J.	49.0				8+	
4	80479	50.5				+	2
8	98267	51.0				+	3

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: Transparency:

REMARKS:

11—5314

NETS, ETC., USED

Description	Depth	TIME		Speed
	F	Down	Up	
Mud Bag	5-5½	6 41	6 48	

11—5314

NOTES

Tide Ebbing

Dredging Course (S to SW)

1224

Station No. 8530 Date: April 26 1916

Hour: 7 03 A. M. to 7 10 A. M.

Position: Lat. 38° 50' 12" Long. 76° 25' 54"

Locality: Thomas Point ft. N 1/4 E. Bloody Pt. Light E x S.

Depth: 5 1/4 F. Bottom: Hard Broken Shells Sample:

Wind: Direction, West Force, 2

Sea: Smooth Sky: Clear

TEMPERATURES

Depth meters	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used
0	B.F.	49.0				8+	
6	80479	49.5				+	2
10	98267	50.0				8+	3

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

1224

Station No. 8531 Date: April 26 1916

Hour: 7 25 A.M. to 9 15 A.M.

Position: Lat. 38° 23′ 30″ Long. 76° 50′ 12″

Locality: Bloody Pt St. bore SE x E 1/4 E Dist about 300 yds. Thomas Pt St. N x W 3/4 W

Depth: 29 F. Bottom: Hard Sample: Thin coat of Soft Black Mud

Wind: Direction, West Force, 2

Sea: Smooth Sky: Clear

TEMPERATURES

Depth Meters	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used
0	B.F.	48.9				B+	
6	109749	46.7				+	1
12	98267	44.1				B+	3
20	80479	44.4				+	2
30	109749	44.8				B+	1
40	80479	44.2				+	2
50	98267	43.9				+	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	29-0	7 49	7 58	
Beam Trawl & M.B.	17-25	8 26	8 46	
#5 Silk Net	Surf	8 26	8 46	
#20 " "		8 24	8 46	
Welsh Net	24-16	8 55	9 10	

11—5314

NOTES

Tide Ebbing
Dredging Course (S x W)

1225

Station No. 8532 Date: April 26 1916

Hour: 10 05 A.M. to 10 28 A.M.

Position: Lat. 38° 56' 24" Long. 76° 23' 12"

Locality: Thomas Pt Lt. SW½W, Greenbury Pt. Lt. NW x W.

Depth: 18 F Bottom: Hard Sample: Thin coat of Soft Black Mud

Wind: Direction, West Force, 1

Sea: Smooth Sky: Clear, Hazy Horizon

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 Fa	TIME Down	TIME Up	Speed
Beam Trawl & M.B.	18-19¼	10 07	10 22	

11—5314

NOTES

Tide Ebbing
Dredging Course (S x W)

1225

Station No. 8533 Date: April 26 1916

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

Position: Lat. 39° 02' 21" Long. 76° 22' 30"

Locality: Sandy Point St. SW x S 1/2 S
Baltimore St. NW 3/4 N

Depth: T.F. Bottom: Soft Sample:
Soft Mud

Wind: Direction, West Force, 1

Sea: Smooth Sky: Clear

TEMPERATURES

Depth meters	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used
0	B.F.	52.0				8+	
6	98267	47.9				+	3
12	80479	44.2				8+	2

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
Mud Bag	7-7	11 24	11 30	

11—5314

NOTES

Tide Ebbing
Dredging Course (S to SW)

1225

Station No. 8534 Date: April 26 1916

Hour: 11 45 A. M. to 12 10 P. M.

Position: Lat. 39° 02' 24" Long. 76° 20' 24"

Locality: Sandy Point St. SW x W 1/2 W
Baltimore Light NW x W 3/8 W

Depth: 12 F. Bottom: Soft Sample:
Soft Black Mud

Wind: Direction, West Force, 1

Sea: Smooth Sky: Clear

TEMPERATURES

Depth meters	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used
0	B.F.	50.2				F+	
3	109749	50.9				+	[redacted]
9	98267	47.8				F+	3
19	80479	48.0				+	2

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: Transparency:

REMARKS:

11—5314

NETS, ETC., USED

Description	Depth F.	TIME		Speed
		Down	Up	
Beam Trawl & M.B.	12-12	12^{00}	12^{06}	

11—5314

NOTES

Tide Ebbing

Dredging Course (N x E 1/2 E)

1225

Station No. 8535 Date: April 26 1916

Hour: 12 45 P. M. to 1 10 P. M.

Position: Lat. 39° 07' 00" Long. 76° 18' 34"

Locality: Bell Buoy SE 3/8 E
White Spar Buoy, West

Depth: 11 F. Bottom: Soft Sample:
Red Clay, Marl and Mud

Wind: Direction, West Force, 1

Sea: Smooth Sky: Clear

TEMPERATURES

Depth meters	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used
0	B.F.	49.0				0+	
2	109749	49.9				+	1
9	98267	45.2				8+	3
17	80479	44.1				+	2

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 & M.B.	11-7	12 59	1 04	
# 5 Silk Net	Surf	12 59	1 04	
#20 " . "	"	12 59	1 04	

11—5314

NOTES

Tide Ebbing

Dredging Course (S to W)

Station No. 8536 Date: 5/22/16 191

Hour: 115 . M. to 200 P. M.

Position: Lat. 38° 57 8 Long. 76 23 58

Locality: 3/4 mi. Bedy Pt. Li. S x E 7/8 E.
Thom's Pt. Li. N x W x 3/4 W

Depth: 18 F Bottom: Hard Sample:
Thin coat of soft black mud.

Wind: Direction, S. Force, 4

Sea: choppy Sky: cloudy

TEMPERATURES

Depth M.	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used B.
8	BF					+	
8	98267					+	2
15	80479					+	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
M. Hydr. drag travel	20-13	1 29	1 39	
"	10-14	1 46	1 56	
#5 & #20 Silk net	Surf.	1 29	1 39	

11—5314

NOTES

Water samples taken at anchorage in 18 F.

Tide: Slackwater - low.
Course: Dredging - SXE ½ E.

Station No. 8537 Date: 5/22/16 191

Hour: 3:15 P. M. to 3:56 P. M.

Position: Lat. 38° 40' 15" Long. 76° 25' 6"

Locality: Sharp's Is. Li. S.E. ½ S. Dis. about 2 3/4 mi.

Depth: 20 F Bottom: Hard Sample: Thin coat of mud

Wind: Direction, S. Force, 4

Sea: Choppy 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 F	TIME Down	TIME Up	Speed
M. Hydrd net	19¾-9	3'7	3'27	
Radcliffe drag	19¾-20	3'46	3'56	

11—5314

NOTES

Tide: Flooding.
Course: Dredging – S.S.E.

Station No. 8538 Date: 5/28/16. 191

Hour: 8 00 a. M. to . M.

Position: Lat. Long.

Locality: Between two buoys off Barren Id

Depth: 17 F Bottom: Sample:

Wind: Direction, S. Force, 1

Sea: choppy Sky: O.C.R.

TEMPERATURES

Depth m.	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used
0	B.F.	61.3				+	
8	98267	62.0				+	1
17	98262	57.5				+	3
25	80479	55.5				+	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	

11—5314

NOTES

Station No. 8539 Date: 3/24/16 191

Hour: 8 50 a. M. to 9 04 a. M.

Position: Lat. 38° 30' 0" Long. 76° 29' 11"

Locality: From Pt. Patience to Half Pone Pt. Patuxent River

Depth: 46 F Bottom: Hard Sample: Shells and marine growth

Wind: Direction, N Force, 4

Sea: Moderate Sky: O.C. R.F.

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 Feeder	16.5	853	901	

11—5314

NOTES

Course: Dredging – N.
Tide: Ebbing.

Station No. 8540 Date: 5/24/16 191

Hour: 9 27 a. M. to 9 48 a. M.

Position: Lat. 38° 24' 15" Long. 76° 26' 30"

Locality: Line from Milestone Landing WNW to Sandy Pt. Solomon's Is.

Depth: 10 F Bottom: S. Sample: Shells and mud.

Wind: Direction, N Force, 4

Sea: Moderate Sky: O'ck'd.

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 F	TIME Down	TIME Up	Speed
Bottom Sealer.	10-9	9 38	9 43	
Oyster dredge.	10-9	9 38	9 43	
Tandem				

11—5314

NOTES

Course: Dredging WNW
Tide: Ebbing.

Station No. 8541 Date: 5/24/16 191

Hour: 10 50 am. M. to 11 00 am. M.

Position: Lat 38° 21' 36" Long. 76° 18' 48"

Locality: 300 yds. N.S.W. from Spar Buoy #16-E off Barren Id.

Depth: 22 F Bottom: Soft Sample: Soft black mud.

Wind: Direction, N.E. Force, 2

Sea: Smooth 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	
Bottom Sealer	20-22	10 51	10 57	Tandem
Oyster dredge	20-22			

11—5314

NOTES

Course: Dredging NxW 1/2 W.
Tide: Ebbing.

Station No. 8542 Date: 5/24/16 191

Hour: 11 15 A. M. to 12 35 P. M.

Position: Lat. 38° 20' 24" Long. 76° 18' 14"

Locality: 300 yds. WXS½S from Buoy #16-D.
Soft bl. mud & oyster shells.

Depth: ~~4 F.~~ 25 F. Bottom: 4 Sample:

Wind: Direction, N.E Force,

Sea: Smooth 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 F	TIME Down	TIME Up	Speed
8' B. Trawl	21-25	11 28	11 41	
Bottom feeler } Tandem Oyster dredge }	25-25	11 50	11 53	
M. Hydrid trawl	25-25	12 02	12 12	
Bottom feeler and Oyster dredge.	17-17	12 21	12 31	

11—5314

NOTES

Course: Dredging - NNW.
Tide: Ebbing.

Station No. 5543 Date: 5/24/16

Hour: 1 50 P. M. to 3 00 P. M.

Position: Lat. 38° 13' 8" Long. 76° 14' 40"

Locality: Pn. No Pn. SWxS ½ S. - Cedar Pn. N.W.

Depth: 19F Bottom: Soft Sample:

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

Sea: Smooth 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
a. Bottom feeler M. Hydr'd ner.	19-22	1 58	2 08	
B Bottom feeler M. Hydr'd ner.	20½-19	2 20	2 26	
C Bottom feeler. M. Hydr'd ner.	19½-21	2 33	2 43	
D. Bottom feeler M. Hydr'd ner	21-20	2 51	3 03	

11-6344 NOTES

Course: Dredging - N. N. W.

Tide: Ebbing.

E Bottom feeler Two boar grapnels M. Hydr'd ner	19½-16.	3.17	3 27 pm	

Station No. 8544 Date: 5/24/16 191

Hour: 4 40 M. . M. to 5 25 M. . M.

Position: Lat. 38° 7' 14" Long. 76° 13' 36"

Locality: Pr. No. Pr. Li. WXN. 1/8 N. Holland Id
Bar Li. S.E. X E. 1/8 E.

Depth: 20 F Bottom: Sample:

Wind: Direction, N.N.E. Force, 2

Sea: Smooth 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
A. Bottom feeler. 2 boar grapnels. M. Hydr'd ner.	20-18	4 46	4 56	
B. Bottom feeler 2 boar grapnels M. Hydr'd ner.	17½-18½	5 06	5 16	

11—5314

NOTES

Tide: Ebbing.

Course: Dredging - N. ½ W.

Station No. 8545 Date: 5/25/16 191

Hour: 8 30 a. M. to 8 45 a. M.

Position: Lat. 38° 6' 45" Long. 75° 58' 30"

Locality: Deal Id. Tangier Sd. Spar Buoy #8 S 3/4 E N. End of Little Id. NE x E 1/2 E Sharps fin Li. N.

Depth: 14 1/2 F Bottom: Sofr. Sample: N

Wind: Direction, S Force, 2

Sea: Smooth 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	
{Bottom Sealer M. Hydr'd ner}	14½-12	8 31	8 39	

11—5314

NOTES

Tide: Ebbing.

Course: Dredging - S.