—ROUGH—

8641

To

8691

ORIGINAL LOG BOOK OF THE "FISH HAWK"

UNITED STATES FISH COMMISSION

STATION RECORDS

Numbers 8641 to 8691

Station No. 8641 Date: 9/1/16 191

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

Lower End of Deal Island

Position: Lat. 38-08-02 Long. 75-58-39

Locality:

Depth: 12½ F Bottom: Soft Sample:

Wind: Direction, SW Force, 3

Sea: Smooth Sky: Clear

TEMPERATURES

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

(24)

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	
1. {Hydroid Dredge / Bottom Feeler}	12½-10½	9 37	9 52	

11—5314

NOTES

1. (8½ W)

Station No. 8642 Date: 9/1/16 191

Hour: 10 30 A. M. to 11 15 P. M.

Position: Lat. Ridge Strait Region 38-02-30 Long. 75-53-12

Locality:

Depth: 13 F. Bottom: Soft. Sample:

Wind: Direction, SW Force, 3

Sea: Smooth Sky: Clear

TEMPERATURES

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

(224)

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: Transparency:

REMARKS:

11—6314

NETS, ETC., USED

	Description	Depth	TIME Down	TIME Up	Speed
1.	Hydroid Dredge / Bottom Feeler	13-9½	10 35 / 10 35	11 10 / 11 10	

11—5314

NOTES

Course - Dredging (SE)

Station No. 8643 Date: 9/1/16 191

Hour: 11 30 A.M. to 11 50 A.M.

Position: Lat. Off James Island 38-00-00 Long. 75-54-36

Locality:

Depth: 17 F. Bottom: Soft Sticky mud Sample:

Wind: Direction, SW Force, 2

Sea: Smooth Sky: Clear

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	
1. {Hydroid Dredge / Bottom Feeler}	17-17	11 31	11 45	

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—6314

11—5314

NOTES

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

Station No. 8644 Date: 9/1/16 191

Hour: 12 23 P. M. to .M.

Position: Lat. 37-56-24 Long. 75-57-30 Opposite Lower End of Smiths Island

Locality:

Depth: 10¼ F. 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

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
Hydroid Dredge Bottom Feeder	9 1/4 10¼	12 25	12 40	

11—5314

NOTES

Course Dredging (SSW)

Station No. 8645. Date: 9/1/16. 191

Hour: 12 20 P. M. to 1 40 P. M.

Off Great Fox Island.

Position: Lat. 37-54-36 Long. 75-57-36

Locality:

Depth: 16. Bottom: / Sample:

Wind: Direction, S. Force, 2.

Sea: Smooth. Sky: Clear.

TEMPERATURES

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

12 24

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: Transparency:

REMARKS:

11—5314

15

NETS, ETC., USED

Description	Depth	TIME Down	TIME Up	Speed
1. Hydrid dredge. Bottom forlet.	15 3/4-17	1 20	1 35	

11—5314

NOTES

Course - dredging.

S x E

Station No. 8626 Date: 9/1/16. 191

Hour: 2 47 P. M. to 3 25 P. M.

Off Ladies Island Light.

Position: Lat. 37-48-03. Long. 75-57-42.

Locality:

Depth: 1. 15. 2. 22½ Bottom: 1. Hard. 2. Soft. Sample: oyster shells

Wind: Direction, SSW Force, 2

Sea: Smooth. Sky: Clear.

TEMPERATURES

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

12 23

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.	Hydrd dredge. Bottom feeler.	15½-9½	2 47	3 00	
2.	Hydrd dredge. Bottom feeler.	22½-19	3 10	3 20	

11—5314

NOTES

course - dredging,

1. S. ¾ W.

2. S.SW.

Station No. 8647 Date: 9/1/16 191

Hour: 5 45 P. M. to 6 05 P. M.

Position: Upper End, Pocomoke Sound Lat. 37-49-36 Long. 75-49-43

Locality:

Depth: 12½ F. Bottom: Hard. Sample:

Wind: Direction, SW Force, 3

Sea: Smooth Sky: Clear

TEMPERATURES

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

1 2 3

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
(Hydroid Dredge) Bottom Feeder	12½-15	5 40	6 01	

11—5314

NOTES

Dredging Course (SSW)

Station No. 8648 Date: 9/2/16 191

Hour: 6 30 A. M. to 6 55 A. M.

Lower End Pocomoke Sound.

Position: Lat. 37-44-24 Long. 75-54-00

Locality:

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

Wind: Direction, SW Force, 4

Sea: Moderate Sky: Clear

TEMPERATURES

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

1 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	
{Hydroid Dredge / Bottom Feeder} 1	9 3/4 8 3/4	6 41	6 49	

11—5314

NOTES

Dredging Course (ENE)

Station No. 8649 Date: 9/2/16 191

Hour: 7 40 A. M. to 8 00 A. M.

Position: Lat. 37-42-18 Long. 75-58-36

Locality:

Depth: 11 F. Bottom: Soft Sticky Mud Sample:

Wind: Direction, West Force, 4

Sea: Moderate Sky: Clear

TEMPERATURES

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

1 2 3

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
Hydroid Dredge (Bottom Feeder)	11-13	7 42	7 53	

11—5314

NOTES

Dredging Course (S x W 1/2 W)

Station No. 8600 Date: 9/2/16 191

Hour: 11^00 A. M. to 11^30 A. M.

Smiths Point Region

Position: Lat. 37-51-28 Long. 76-10-12

Locality:

Depth: 25 F. Bottom: Soft. Sample:

Wind: Direction, SW. Force, 2

Sea: Smooth Sky: Cloudy

TEMPERATURES

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

(1 2 3)

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.	Hydroid Dredge Bottom Feeder	24½ 23½	11 09	11 24	

11—5314

NOTES

Dredging course (N x E)

Station No. 8651 Date: 9/8/16 191

Hour: 1.48 p. M. to 2.00 p. M.

Position: Lat. 39° 7' 6" Long. 76° 18' 31"

Lover Pr. Li SxE. Balto Li. SWxW

Locality: 7-ft. Knoll NWxW. Lepper Li NW 7/8 N.

Depth: 12.5 Bottom: Muddy. Sample:

Wind: Direction, S. Force, 2

Sea: ~~Choppy~~ Smooth Sky: Clear.

TEMPERATURES

Depth	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used
m							
0.	B.F.	76.1					B.F.
5.							
8.	80479	76.1					B
16.	98267	76.3					G

1226

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: Transparency:

REMARKS: 80479 - Bigelow. 98267 - Greene. 98262 - Eckman.

11—5314

NETS, ETC., USED

Description	Depth	TIME Down	TIME Up	Speed

11—5314

NOTES

Station No. 8652. Date: 9/8/16. 191

Hour: 3 05 P. M. to 3 25 P. M.

Position: Lat. 39° 01' 30" Long. 76° 20' 32"
Sandy Pt. Lt. NXS. Balto. Lt. NW
Locality: Hue Pt. Lt. NEXE½E.

Depth: 13 Bottom: Muddy Sample:

Wind: Direction, NW Force, 3

Sea: Smooth Sky: Cloudy

TEMPERATURES

Depth M.	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used
0	B.T.	76.0				tg	
7	98267	75.5					E
12	98264	76.7				tg	E
12	98267	76.7					E.

1125

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: Transparency:

REMARKS:

11—5314

Q

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	

11—5314

NOTES

Station No. 8653 Date: 9/8/16, 191

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

Position: Lat. 39-02-00 Long. 76-22-30
Sandy Pt. Li. SSW 1/8 W. Baltm. Li.

Locality: NNW 1/2 W. Love Pt. Li EXN.

Depth: 9. Bottom: Muddy. Sample:

Wind: Direction, E. Force, 2.

Sea: S. Sky: Cloudy + rain

TEMPERATURES

Depth M.	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used
0	B.T.	76.1					B.T.
5.5	98262.	75.8					E.
13.5	98269.	76.5					G.

12.25

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
#20 Silk. ½ Meter. Surf.	Sur.	3 55	4 05	

11—5314

NOTES

Station No. 8654. Date: 9/8/16. 191

Hour: 5 12 P. M. to 5 50 P. M.

Position: Lat. 38-56-06 Long. 76-23-19

Locality: Thor Pt. Lt. SW 5/8 W Greenbow Pt. Lt. NW 3/4 W

Depth: S. ~~F.~~ 19 18 V. Bottom: Muddy Sample:

Wind: Direction, S.W. Force, 1

Sea: S. Sky: Cloudy & rainy

TEMPERATURES

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

S. F. Stars Finish

1225

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.	18-20	5-26	5 40	
#20 Silk. 1/2 Meter Surf.	Surf.	5-26	5 40	

11—5314

NOTES

Course - dredging.

Station No. 8655 Date: 9/9/16 191

Hour: 6²⁵ A. M. to 7⁰⁰ P. M.

Position: Lat. 38 - 50 - 00 Long. 76 - 27 - 19.
Thos. Pt. Lt. N X E ⅝ E Buoy C-27. W ¾ N.

Locality:

Depth: 5 Bottom: Sand Sample:

Wind: Direction, N Force, 3

Sea: choppy. Sky: Cloudy

TEMPERATURES

Depth	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used
M							
0.	B.T.	75.8				+ 2	B.T.
8.	98267	76.0				+ 1	N.

1225

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: Transparency:

REMARKS:

11—5314

10.

NETS, ETC., USED

Description	Depth	TIME Down	TIME Up	Speed
Hydrd drge.	5-5.	6 10	6 50	
#20 ½ Meter Surf	Surf	6 20	6 52	

11—5314

NOTES

Dredging course:

S.S.W.

Station No. 856 Date: 9/9/16 191

Hour: 7 20 A. M. to 7 30 A. M.

Position: Lat. 38-49-54 Long. 76-26-00

Locality: Thom. Pt. Li. N 78 E. Belvy Pt. Li. E
Buoy C-27 W & N.

Depth: 6½ Bottom: Muddy Sample:

Wind: Direction, N Force, 4

Sea: Choppy Sky: Clear.

TEMPERATURES

Depth M	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used
0	[illegible]	74.7				+	B7
5	8262	75.8				+	E
10	8267	76.3				+	B.

1275

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction
	2					

Color of water: Transparency:

REMARKS:

11—5314

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	

11—5314

NOTES

Station No. 8657 Date: 9/9/16. 191

Hour: 8 05 a. M. to 9 05 . M.

Position: Lat. 38 - 58 - 15 Long. 76 - 24 - 00

Locality: Thom. Pt. Li. N X W ½ W. Bldg Pt. Li. SEXE

Depth: 20. Bottom: Muddy Sample:

Wind: Direction, N. Force, 4.

Sea: Choppy. Sky: Clear.

TEMPERATURES

Depth M.	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used
0	B.T.	75.0				+ q	B.T.
7	80479	76.8				+	B
14	80479	77.0				+	B.
24	98262	76.7				+ q	E.
34	98267	76.6					B.

1225

Cop 76.7
76.7 E
76.7 B

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction
	3					

Color of water: Transparency:

REMARKS:

11—5314

NETS, ETC., USED

Description	Depth	TIME Down	TIME Up	Speed
½ Meter Vert. meter	34-0	8 37	8 39	
Welsh. silk 15 fatho	15½-17	8 47	9 02	
# 20 ½ Meter Surf.	Surf.	8 47	9 02	

11—5314

NOTES

Dredging course

S.S.W. ½ W.

Station No. 8658 Date: 9/9/16. 191

Hour: 9^20 a. M. to 9^32 a. M.

Position: Lat. 38 47-37. Long. 76-25-00.

Locality: Bldg Pr. Li. NEXN 1/8 N. N. End Poplar Id. S.E.X.E.

Depth: 20. Bottom: Soft. Sample:

Wind: Direction, N Force, 3.

Sea: Choppy. Sky: Clear.

TEMPERATURES

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

1226

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

4

Color of water: Transparency:

REMARKS:

11—5314

NETS, ETC., USED

Description	Depth	TIME Down	TIME Up	Speed
Hydr'd drge.	20-17	9^20	9^32	

11—5314

NOTES

Dredging course:
S.S.W. 1/2 W.

Station No. 8659. Date: 9/9/16. 191

Hour: 10 30 a. M. to 10 45 . M.

Position: Lat. 38-40-12 Long. 76-25-00

Locality: Sharpied Li. SE½S. Bl. Wal. Br E⅛S.

Depth: 19 Bottom: Muddy Sample:

Wind: Direction, N. Force, 4.

Sea: Choppy. Sky: Clear

TEMPERATURES

Depth M	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used
0	B.F.	74.5				+	B.F.
7	80479	76.4				+	B.
14	80479	77.0				+	B.
24	98262	76.7				+	E.
34	98267	76.5				+	G.

1225

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction
	5					

Color of water: Transparency:

REMARKS:

11—5314

NETS, ETC., USED

Description	Depth	TIME Down	TIME Up	Speed
½ Vert. (Meter)	M 34.-0	10 45	10 46	

11—5314

NOTES

Station No. 8660 Date: 9/9/16. 191

Hour: 11 55 A. M. to 1 05 P. M.

Position: Lat. 38-41-32. Long. 76-25-18.

Locality: Buoy 18-A N 3/8 E. Buoy C-16 E.

Depth: 12½. Bottom: Muddy. Sample:

Wind: Direction, N & E Force, 4.

Sea: Choppy. Sky: Clear.

TEMPERATURES

Depth	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used
M.							
0	B.T.	75.0				+q	B.T.
10	98262	75.9				+q	E.
20	98267	76.6				+q	G.

12 25

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction
	6					

Color of water: Transparency:

REMARKS:

11—5314

NETS, ETC., USED

Description	Depth	TIME Down	TIME Up	Speed
Hydr'd dredge.	12½-12½	12 50	1 00	

11—5314

NOTES

Course-dredging NNW.

TIME OUT FOR LUNCH.

Station No. 8661 Date: 9/9/16. 191

Hour: 1 N. M. to 2.05 P. M.

Position: Lat. 38 - 30 - 32 Long. 76 - 28 - 36.

Locality: Gov. Run Wkf SWXW ½ W. Cove Pt. Li SSE ¼ E. Sh. Id. Li NE ¾ N.

Depth: 6- Bottom: Muddy Sample:

Wind: Direction, NXE Force, 4

Sea: Choppy Sky: Clear.

TEMPERATURES

Depth M	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used
0	BF.	74.9				~~+~~	BF.
9	80479	76.2				~~+~~	B.

1225

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction
	1					

Color of water: Transparency:

REMARKS:

11—5314

NETS, ETC., USED

Description	Depth	TIME Down	TIME Up	Speed
8' B. T.	6- Fatt	1.40	1.50	
#20 Silk. ½ meter surface	Surface	1.40	1.50	

11—5314

NOTES

Dredging course - NXE.

Station No. 8662. Date: 9/9/16. 191

Hour: 3[00] P. M. to 3[32] P. M.

Position: Lat. 38-21-06 Long. 76-21-48

Locality: NXW-100 yds. dia.

Depth: 4.5 Bottom: Hard. Sample:

Wind: Direction, N. Force, 4

Sea: choppy. Sky: clear.

TEMPERATURES

Depth M	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used
0	B.T.	75.1				+	B.T.
7	8[illegible]79	77.0				+	12.

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. 8663 Date: 9/9/16 . 191

Hour: 4^00 p. M. to 4^58 . M.

Position: Lat. 38-20-03 Long. 76-17-58

Cove Pt. Li NW 1/8 W. Cedar Pt. Li

Locality: SW X W 5/8 W. Buoy 16-D N 3/4 E.

Depth: 25 1/2. Bottom: Soft Sample:

Wind: Direction, N Force, ✓

Sea: Choppy. Sky: Clear.

TEMPERATURES

Depth M	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used
0	~~BF~~	75.4				+	B.F
1	98262.	76.7				+	E.
15.	98267	77.0				+	G.
25.	80477.	77.0				+	B.
35.	98262.	76.7				+	E.
45	98267	76.6				+	G.

1224

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

9

Color of water: Transparency:

REMARKS:

11—5314

NETS, ETC., USED

Description	Depth	TIME Down	TIME Up	Speed
1/2 Meter Vert.	M 45-0	4^20	4^22	
#20 Silk	Surf	4^35	4^47	
1/2 Meter Surf.				
Welsh Silk	25 1/2-25	4^35	4^47	

11—5314

NOTES

Dredging course:

N.N.W.

Station No. 8664 Date: 9/9/16 191

Hour: 5-45 P. M. to . P. M.

Position: Lat. 38-14-30 Long. 76-15-24

Locality: Pr. No. Pr. Li SxW 5/8 N. Hooper St Li NExN 1/4 N. Buoy 16-A N.

Depth: 19 3/4 Bottom: Muddy. Sample:

Wind: Direction, NNW Force, 3.

Sea: Choppy. Sky: Clear.

TEMPERATURES

Depth	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used
M	B.T.						B.T.
0		75.2				+	8.
7	18760	76.5				+	6.
15	81479	77.0				+	8.
25	98760	76.5				+	6.
35	98767	76.5				+	9.

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. 8665 Date: 9/10/16. 191

Hour: 6 15 a. M. to 6 30 a. M.

Position: Lat. 38 - 06 - 52 Long. 76 - 17 - 36

Locality: Pr No Pr. Li NXE ½ E., dist. 3/4 mi.

Depth: 5 Bottom: Hard Sample:

Wind: Direction, NE Force, 4

Sea: Choppy Sky: Clear.

TEMPERATURES

Depth M	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used
0	B.F.	74.5				+ g	BF
7.5	98267	75.9				+	G.

1224

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction
	1					

Color of water: Transparency:

REMARKS:

11—5314

NETS, ETC., USED

Description	Depth	TIME Down	TIME Up	Speed

11—5314

NOTES

Station No. 8666, Date: 9/10/16 191

Hour: 6 55 a. M. to 7 35 . M.

Position: Lat. 38-07-06 Long. 76-13-24

Locality: Hooper Id. Li. N 1/8 W. Pr. Mo. Pr. Li W X N 1/2 N. Pr. Lookout SW 1/4 W.

Depth: 20 Bottom: Muddy Sample:

Wind: Direction, NE Force, 4.

Sea: Choppy. Sky: Clear.

TEMPERATURES

Depth M	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used
0	157	74.2				+	
7	80479	76.2				+	B
14	80479	77.0				+	B
24	98267	76.5				+	E
34	98267	76.5				+	N

224

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction
	2					

Color of water: Transparency:

REMARKS:

11—5314

NETS, ETC., USED

Description	Depth	TIME Down	TIME Up	Speed
Welsh ~~Silk~~ Stramen	18-14.	7 18	7 28	
#20 Silk. 1/2 Met. Surface.	Sur.	7 18	7 28	
1/2 Met. Vert. (M)	34-0	7 13	7 14	

11—5314

NOTES

Dredging course:

N X W

Station No. 8667 Date: 9/10/16 191

Hour: 8^05 a. M. to 8^30 a. M.

Position: Lat. 38-07-42 Long. 76-10-21

Locality: Hooper Id. Li. NXW 3/4 W. Holland Id Bar. Li. SE 1/2 S. Pr. Mo. Pr. Li. W 1/2 N.

Depth: NE 4 1/2 Bottom: Hard. Sample:

Wind: Direction, NE. Force, 4.

Sea: Choppy. Sky: Clear.

TEMPERATURES

Depth M	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used
0	B.T.	74.5				T 2	B.T.
5		75.9				4	B.

1224

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction
	3					

Color of water: Transparency:

REMARKS:

11—5314

NETS, ETC., USED

Description	Depth	TIME Down	TIME Up	Speed
8' B. T.	4 1/2 - 4 3/4	8^12	8^24	
1/2 Meter Surf. #20 Silk.	Sur.	8^12	8^24	

11—5314

NOTES

Dredging course:

NXE

Station No. 8668 Date: 9/10/16 191

Hour: 10 05 am . M. to 10 40 a. M.

Position: Lat. 38 - 01 - 16 Long. 76 - 21 - 30

Locality: Pr Dookons Cr NE X E½E. Buoy N-2 E⅛N. Bell Buoy W X N ⅜ N

Depth: 12 Bottom: Muddy. Sample:

Wind: Direction, N.E Force, 4

Sea: Choppy Sky: Clear

TEMPERATURES

Depth M	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used
0	B.F.	74.8				+ g	B.F.
6	80479.	76.2				+	B.
12	98262.	76.6				+ g	E.
22	98267.	76.6				+	G.

224

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
Hydro dredge.	11¾-12¾	10 26	10 36	
½ Meter vert	22-0	10 10	10 12	
½ Meter surf. #20 Sick	Surf.	10 26	10 36	

11—5314

NOTES

D. course:

N.W.

38

Station No. 8669. Date: 9/10/16. 191

Hour: 11^00 a. M. to 11^30 a. M.

Position: Lat. 38 - 02 - 54 Long. 76 - 21 - 07

Locality: Pt. Cookour bi ESE 3/8 S. Bell Buoy #5 W 7/8 S.

Depth: 5 Bottom: Soft. Sample:

Wind: Direction, N.N.E. Force, ↓.

Sea: Choppy Sky: Clear.

TEMPERATURES

Depth M	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used
0	C.F.	75.0				B +	B.F.
8	98267	76.1				+	G.

1224

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction
	5					

Color of water: Transparency:

REMARKS:

11—5314

NETS, ETC., USED

Description	Depth	TIME Down	TIME Up	Speed
8' B. T.	5-	11^10	11^20	
#20 Silk. ½ Meter surf.	Surf.	11^10	11^20	

11—5314

NOTES

D. course.

W X N ½ N.

Station No. 8670 Date: 9/10/16 191

Hour: 11 50 A. M. to 11 55 A. M.

Position: Lat. 38 - 00 - 24 Long. 76 - 23 - 00

Fish buoy W-11-100 fr. SSE of it, Pr.

Locality: Lookout li. NE X E 5/8 E. Bell buoy NW 1/4 W.

Depth: 6 1/2 Bottom: Muddy Sample:

Wind: Direction, N E. Force, 4.

Sea: Choppy Sky: Clear

TEMPERATURES

Depth	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used
0	B.T.	75.2				+	BT
4.5	98262	76.1				+	E.
10.5	98267	76.9				+	U.

1224

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction
	6					

Color of water: Transparency:

REMARKS:

11—5314

NETS, ETC., USED

Description	Depth	TIME Down	TIME Up	Speed

11—5314

NOTES

Station No. 8671 Date: 9/10/16. 191

Hour: 2 15 P. M. to 3 30 A. M.

Position: Lat. 37-51-55 Long. 76-10-06

Locality: Smith's Pt. Li. NW 3/4 N. Grt. Wicomico li SWXW 1/4 W.

Depth: 23 Bottom: Muddy Sample:

Wind: Direction, ENE Force, ↓

Sea: Choppy Sky: Clear.

TEMPERATURES

Depth M.	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used
0	B.T.	75.3				+	B.T.
5	80279	77.0				+	B.
10	98262	76.4				+	E.
17	80279	76.2				+	B.
27	98262	76.2				+	E.
37	98267	76.2				+	B.

1223

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction
	7					

Color of water: Transparency:

REMARKS:

11—5314

(M) = Meters

NETS, ETC., USED

Description	Depth	TIME Down	TIME Up	Speed
1/2 Meter vert. (M)	37-0	2 27	2 27	
8' B.T.	16-13-11	2 36	2 56	
# 20 silk & 1/2 meter silk scrub		"	"	
Welsh Stramen.	13 1/2-18-20	3 08	3 18	

11—5314

NOTES

D. course:

N X E for B.T.

NNE 1/2 E for Welsh.

Station No. 8672 Date: 9/10/16 191

Hour: 3 40 p. M. to 3 45 p. M.

Position: Lat. 37-52-36 Long. 76-07-24

Locality: Gr. Wisconico li. SWXW½W.
Smith's Pr. li. W 7/8 N

Depth: Bottom: Hard Sample:

Wind: Direction, ENE Force, 4

Sea: Choppy Sky: Clear

TEMPERATURES

Depth M	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used
0	BT	75.1				+ 2	BT
4	98267	76.5				+	G
12	98262	76.7				+	E

1223

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction
	8					

Color of water: Transparency:

REMARKS:

11—5314

NETS, ETC., USED

Description	Depth	TIME Down	TIME Up	Speed

11—5314

NOTES

Station No. 8673 Date: 9/10/16 191

Hour: 4 02 p . M. to 4 20 p . M.

Position: Lat. 37 - 52 - 08 Long. 76 - 05 - 30

Locality: San Marcos wrk 5 1/8 W. (Tangier li no good S.E.)
Smith's Pn. li WXN 1/4 N

Depth: 5 Bottom: Hard Sample:

Wind: Direction, ENE Force, 4

Sea: Choppy Sky: Clear.

TEMPERATURES

Depth	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used
0	B.T.	75.3				+	B.T.
8	98267	76.5				+	B.

1223

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction
	9					

Color of water: Transparency:

REMARKS:

11—5314

NETS, ETC., USED

Description	Depth	TIME Down	TIME Up	Speed
8' B.T.	5 1/2-5 1/4	4 07	4 17	
#20 Silk 1/2 Meter surface	Surf	4 07	4 17	

11—5314

NOTES

D. course:

NXW

Station No. R74 Date: 9/11/16 191

Hour: 6 40 a. M. to 7 15 a. M.

Position: Lat. 37-35-18 Long. 76-11-33

San Marcos Wrk. NE½N. Windmill WXN 5/8N

Locality: Bell Buoy 17-SSW½W. Stingray Pt. WXS½S

Depth: 8 ft. Bottom: Muddy Sample:

Wind: Direction, ENE Force, 4.

Sea: Choppy. Sky: Clear.

TEMPERATURES

Depth M	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used
0	B.F.	73.9				+	B.F.
6	98262	75.1				+	E.
12	98267	76.5				+	G.

1223

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction
	1					

Color of water: Transparency:

REMARKS:

11—5314

NETS, ETC., USED

Description	Depth	TIME Down	TIME Up	Speed
8' B.T.	8-8	6 59	7 09	
#20 Silk ½ meter surface	Surf.	6 59	7 09	

11—5314

NOTES

D. Course: N.X.E.½.E.

Station No. 8675 Date: 9/11/16 191

Hour: 7 45 A. M. to 7 50 A. M.

Position: Lat. 37 - 34 - 18 Long. 76 - 08 - 45

Locality: Saw Mills NNE 1/4 E. Windmill NW x W 3/4 W.

Depth: 7 Bottom: Muddy Sample:

Wind: Direction, N.E. Force, 4

Sea: Choppy Sky: Clear

TEMPERATURES

Depth M	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used
0	[illegible]	74.0				+	
5	98262	75.1					E.
11	91267	76.2					E

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction
	(2)					

Color of water: Transparency:

REMARKS:

11—5314

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	

11—5314

NOTES

Station No. 8676 Date: 9/11/16. 191

Hour: 8 50 a. M. to 9 15 a. M.

Position: Lat. 37-34-00 Long. 76-02-33
San Marcos N¼W. Catahdin WXN¼N.

Locality:

Depth: 9. Bottom: [redacted] Sample:

Wind: Direction, ENE Force,

Sea: Choppy. Sky: Clear.

TEMPERATURES

Depth M	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used
0	B.T.	74.2				+	
6	91262.	75.6				+	3
14	98267.	76.2				+	4

1 N 2 3

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction
	(3)					

Color of water: Transparency:

REMARKS:

11—5314

NETS, ETC., USED

Description	Depth	TIME Down	TIME Up	Speed
8' B.T.	10-9½	9 03	9 12	
#20 Silk Vx Meter surface	Surf.	9 03	9 12	

11—5314

NOTES

D. course:

NXW.

Station No. 8677 Date: 9/11/16 191

Hour: 10 05 a. M. to 10 a. M.

Position: Lat. 37 - 33 - 32 Long. 75 - 58 - 16.
Buoy C-1 SSE 1/4 E. San Marcos

Locality: NNW ~~[illegible]~~. Wooded Pr. EXS 3/8 S.

Depth: 4 1/4 Bottom: Muddy Sample:

Wind: Direction, ENE Force, ↓

Sea: Choppy Sky: Clear

TEMPERATURES

Depth M.	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used
0	BF	73.9				+	
7	98267.	75.4				+	R1

1223

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

Station No. 8678 Date: 9/11/16 191

Hour: 12 10 p. M. to 2 05 . M.

Position: Lat. 37-23-27 Long. 76-04-48

Wolf Trap lt. W 1/2 N. Cherrystone lt.

Locality: SxE.

Depth: 12 Bottom: Hard Sample:

Wind: Direction, N.E Force, 4

Sea: Choppy Sky: Clear.

TEMPERATURES

Depth M.	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used
0	13.7	74.4				+	
5	98262	75.5				+	E
12	98262	75.5				+	E.
21	98267	75.8				+	N.

1222

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction
	5					

Color of water: Transparency:

REMARKS:

11—5314

NETS, ETC., USED

Description	Depth	TIME Down	TIME Up	Speed
8' B.T.	12-10	12 59	1 09	
#20 Silk 1/2 meter surface	Surf	12 59	1 09	

11—5314

NOTES

D. course:

N 1/4 W.

Station No. 8679 Date: 9/11/16 191

Hour: 2 30 P. M. to 3 00 M. M.

Position: Lat. 37-17-02 Long. 76-14-24

Locality: New Pt. Comfort NW 7/8 W. York Spit lt. SXW 3/8 W. Wolf Trap lt. N.E. 1/4 E.

Depth: 6. Bottom: Hard. Sample:

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

Sea: Choppy Sky: Clear

TEMPERATURES

Depth	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used
M							
8	B.T.	73.9				+	
6	98267	75.0				+	

1222

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction
	1					

Color of water: Transparency:

REMARKS:

11—5314

NETS, ETC., USED

Description	Depth	TIME Down	TIME Up	Speed
8' B.T.	5 3/4 - 6	2 49	2 58	
#20 Silk. 1/2 Meter surf.	Surf.	2 49	2 58	

11—5314

NOTES

D. course:
SW.

Station No. 8680. Date: 9/11/16. 191

Hour: 3³⁰ P. M. to 3⁴⁰ P. M.

Position: Lat. 37-16-31 Long. 76-11-43

Locality: New Pr. Lt. NW x W 5/8 W. Wolf Trap Lt. N 5/8 E.

Depth: 7 Bottom: Hard Sample:

Wind: Direction, ENE Force, 4

Sea: Choppy. Sky: Clear.

TEMPERATURES

Depth M	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used
0	137.	74.0				+	
5	98262.	75.1				+	
11	98267.	75.0				+	

1222

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction
	7					

Color of water: Transparency:

REMARKS:

11—5314

NETS, ETC., USED

Description	Depth	TIME Down	TIME Up	Speed

11—5314

NOTES

Station No. 8681. Date: 9/11/16. 191

Hour: 4 25 P. M. to 4 35 P. M.

Position: Lat. 37-15-32 Long. 76-07-06

Locality: ~~[illegible]~~ lt. SEXE. N. Buoy 10 NEXE 3/8 E. York Spit lt. WXS 3/4 S. New Pt. lt. WNW. Cherrystone lt.

Depth: E 3/8 S 7½ ft Bottom: Muddy. Sample:

Wind: Direction, ENE Force, 4.

Sea: Choppy. Sky: Clear.

TEMPERATURES

Depth	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used
M							
0	0.7	74.0				+	
6	98262	75.2				+	6
12	98267	75.1				+	6.

1222

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction
	9					

Color of water: Transparency:

REMARKS:

11—5314

NETS, ETC., USED

Description	Depth	TIME Down	TIME Up	Speed

11—5314

NOTES

Station No. 8682 Date: 9/11/16. 191

Hour: 4 55 p. M. to 5 50 p. M.

Position: Lat. 37-14-45 Long. 76-04-36.
Cherrystone lr. EXN ½ N. Plantation

Locality: lr SE ¼ E. N. Buoy #10 N 3/8 W

Depth: 24 ¼ Bottom: — hard Sample:

Wind: Direction, NE Force, 4.

Sea: Choppy Sky: Clear.

TEMPERATURES

Depth M	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used
0	B4	74.1				+ g	
7	80479	76.0				+	B
14	98267	75.0				+ g	G
22	80479	75.4				+	B.
32	98262	74.5				+ g	E.
42	98267	74.1				+	G

(22)

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction
	(9)					

Color of water: Transparency:

REMARKS: 32/

11—5314

NETS, ETC., USED

Description	Depth	TIME Down	TIME Up	Speed
½ Meter vertical. (M)	43-0	5 19	5 21	
8' B.T.	24-21-16	5 23	5 35	
Welsh net	12	5 40	5 50	
#20 Silk ½ Meter surf }	Surf.	5 40	5 50	

11—5314

NOTES

D. course:
N.N.W. = B.T.

~~no course on Welsh net~~
D. course
N.N.W. Welsh net

Station No. 8683. Date: 9/12/16. 191

Hour: 7.15 a. M. to 8.05 a. M.

Position: Lat. 37-03-33 Long. 75-58-42

Cape Charles Lt. NE 1/4 E. Fishermen's

Locality: Id. Lt. N 1/4 E.

Depth: 10 Bottom: Soft Sample:

Wind: Direction, ENE Force, 4.

Sea: Rough Sky: Clear.

TEMPERATURES

Depth M	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used
0	B.T.	70.7				+	
8	98262	72.0				+	E.
16	98267	72.0				+	D.

1222

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction
	~~10~~	1				

Color of water: Transparency:

REMARKS:

11—5314

NETS, ETC., USED

Description	Depth	TIME Down	TIME Up	Speed
8'-B.T.	10-9.	7.49	7.59	
# 20 Silk. 1/2 meter surf	surf	7.49	7.59	

11—5314

NOTES

D. course:

N.W.x N.

Station No. 8684 Date: 9/12/16 191

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

Position: Lat. 36-59-58 Long. 76-01-00

Cape Henry Lt. S. Lt. S. SXE¼E.

Locality: Cape Charles Lt. N½E.

Depth: 8¾ Bottom: Sofr Sample:

Wind: Direction, N.E. Force, 4

Sea: Rough. Sky: Clear.

TEMPERATURES

Depth	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used
0	B F	72.5				+	
6	98267	73.2				+	E
13	98267	73.0				+	G.

1222

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction
		2				

Color of water: Transparency:

REMARKS:

11—5314

NETS, ETC., USED

Description	Depth	TIME Down	TIME Up	Speed

11—5314

NOTES

Station No. 8685 Date: 9/12/16 191

Hour: 12 10 p. M. to 12 15 p. M.

Position: Lat. 36-48-43 Long. 76-07-45
Buoy #4 NW 4 W.

Locality: Buoy #5 W.

Depth: 5 1/2 Bottom: Hard Sample:

Wind: Direction, NE Force, 4

Sea: Rough Sky: Clear

TEMPERATURES

Depth	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used
M							
0	B.T.	73.0				+	
8	98267	74.0				+	G.

1222

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction
		3				

Color of water: Transparency:

REMARKS:

11—5314

NETS, ETC., USED

Description	Depth	TIME Down	TIME Up	Speed

11—5314

NOTES

Station No. 8886 Date: 9/12/16 191

Hour: 1 20 P. M. to . M.

Position: Lat. 37-00-38 Long. 76-14-42
Old Pt. Lt. W¼S. Thimble Lt. NE½E

Locality: Back Bay N 5/8 W.

Depth: 14½ Bottom: Hard Sample:

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

Sea: Rough. Sky: Clear.

TEMPERATURES

Depth M	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used
0	B.T.	72.8				+	
2	88479.	74.0				+	B.
9	98262	73.3				+2	E.
17	98267	73.3				+	G.

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction
		4				

Color of water: Transparency:

REMARKS:

11—5314

NETS, ETC., USED

Description	Depth	TIME Down	TIME Up	Speed
½ meter vertical. (M)	18-0	1 30	1 32	
8' B.T.	14½-15¼	1 35	1 45	
#20 Silk. ½ meter surface.	Surf	1 35	1 45	

11—5314

NOTES

D. Course =

W

Station No. 8687 Date: Dec. 16 1916

Hour: 2.52 P.M. to 3.38 P.M.

Position: Lat. 37-51-10 Long. 76-09-54.

Locality: Below Smith Pt. Lt.
Smith Pt Lt N W X N

Depth: 16 Bottom: soft Sample:

Wind: Direction, WNW Force, 5

Sea: choppy Sky: Clear

TEMPERATURES

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

1 h 2 3

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction
		0				

Color of water: Transparency:

REMARKS:

11—6314

NETS, ETC., USED

Description	Depth	TIME Down	TIME Up	Speed
Hydroid dredge	16 16-12½- 15-	A.M. 2.52	3.38	

11—5314

NOTES

Dredging course
S½W to N.E.½N.

Station No. 8688 Date: 12/17/16 191

Hour: 8[34] A. M. to 8[50] A. M.

Position: Lat. 38-07-18 Long. 76-14-12
Pt. Lookout li. SW 1/4 W. Pt. No. Pt W x N 1/4 N
Locality: Holland Id. Bar li. SE x E 1/8 E.

Depth: ~~Surface~~ Bottom: Hard. Sample:
16-18-12½ fathoms
Wind: Direction, S.W. Force, 3-4.

Sea: Choppy Sky: Overcast.

TEMPERATURES

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

(1 m 24)

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction
		(6)				

Color of water: Transparency:

REMARKS:

11—5314

NETS, ETC., USED

Description	Depth	TIME Down	TIME Up	Speed
Hydroid dredge	16-18-12	8[34]	8[50]	
			1	6

11—5314

NOTES

Pt. Lookout - S.W. 1/4 W.
Pt. No. Pt - N.W. x W. 3/4 W.
Holland Id. Bar li. - S.E. x E. 1/2 E.

Dredging course:
N S W. to S S W

Station No. 8689. Date: 12/17/16. 191

Hour: 10 18 A. M. to 10 40 . M.

Position: Lat. 38-12-45 Long. 76-14-18

① Locality: Hooper Id. Li. N ½ W - Hooper Str E. Pr. N. Pr. SW x S 3/8 S.

Depth: 20½-13 Bottom: — Sample: —

Wind: Direction, NNW Force, 3-4

Sea: Choppy. Sky: Overcast

TEMPERATURES

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

1224

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
Hydr'd dredge	20½-13	10 18	10 40	

11—5314

NOTES

②

H. Id. li N ¾ W

H. S. li E x N.

Pr. No Pr. SW ⅛ W

Dredging course:

S ½ E

Station No. 8690 Date: 12/17/16. 191

Hour: 12 20 p. M. to 12 35 p. M.

Position: Lat. 38-21-12 Long. 76-18-47

Locality: Cedar Pt. SW Cove Pt. NW 7/8 W.

Depth: 22½-19½ Bottom: —— Sample: ——

Wind: Direction, NNW Force, 3-4.

Sea: Smooth. Sky: Overcast.

TEMPERATURES

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

1424

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
Hydroid dredge	22½-19½	12 20 pm	12 35 pm	

11—5314

NOTES

(1)

Cedar Pt. - SW 3/8 W.

Cove Pt. - NW 7/8 W.

(2)

Dredging course:
SSE

Station No. 8691. Date: 12/17/16 191

Hour: 2[26] P. M. to 2[40] P. M.

Position: Lat. 38-31-40 Long. 76-24-20

Locality: Spar Buoy E x N 3/8 N. Bell Buoy. N x W 5/8 W.

Depth: 10 F. Bottom: Soft Sample:

Wind: Direction, N.W. Force, 1

Sea: Smooth. Sky: Overcast.

TEMPERATURES

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

1225

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
Hybrid dredge.	10-10	2[26]	2[31]	⊗
" "	10-	2[35]	2[40]	

11—5314

NOTES

Dredging course:—

⊗ = hung up — no drag.

S. Buoy — E x N 3/8 N.
B Buoy — N x W. 5/8 W