8350-8398.

FISH HAWK.
8350
TO
8398

Station No. 5350 Date: 10/25/15 191

Hour: 9 49 a. M. to 10 38 a. M.

Position: Lat. 36° 7' 15" Long. 76° 13' 30"

Locality: Pt. No. Pt. Li. bearing W x N - Hooper Is. Li. N x ¼ W
Holland Is. Bar Li S.E. x E. Pt Lookout Li SW x ¼ W

Depth: 20 fms Bottom: Hard Sample: Sand

Wind: Direction, Calm Force, Calm

Sea: Smooth Sky: clear - hazy horizon

TEMPERATURES

Depth	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used Ekman
0	NZ 80472	68.5					#6
5	NZ 98267	68.2					#4
10	NZ 98267	66.0					#4
15	NZ 80472	66.0					#6
20	NZ 90650	66.0					#5

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: Transparency:

REMARKS:

11—5314

NETS, ETC., USED

Description	Depth	TIME Down	TIME Up	Speed
Vertical ½ meter.	18.0	9 49	9 51	
8' B.J. & W.B.	18¾-17½	9 55	10 10	
#5 & #20 Silk nets.	Surf.	10 23	10 38	
meter Strainer.	8½-0	10 23	10 38	

11—5314

NOTES

Water sample - 20 fms
Course - N.

Station No. 8351 Date: 10/25/15 191

Hour: 11^{10} a. M. to 11^{57} a. M.

Position: Lat. 38° 9' 20" Long. 76° 9' 6"

Locality: Pt. no Pt. W x S. Hooper Is. Li. Ht. N W x N
Holland Is. bar Li. Ht. S S E

Depth: 4 Bottom: Hard Sample: fine gr. sand

Wind: Direction, calm Force, calm

Sea: Smooth Sky: clear - hazy hor.

TEMPERATURES

Depth	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used Ekman
0	NZ 98267	62.7					#4
4	NZ 90650	63.7					#5

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: Transparency:

REMARKS:

11—5314

NETS, ETC., USED

Description	Depth	TIME Down	TIME Up	Speed
8' B.T. & M.T.B.	4-4	11^{25}	11^{35}	
Meter Stramen	3-0	11^{42}	11^{57}	
#5 & #20 Silk Nets.	Surf.	11^{42}	11^{57}	

11—5314

NOTES

course - dredging - N.
" meter net - S. S. W.

Station No. 8252 Date: 10/25/15 191

Hour: 1 02 p. M. to 1 10 p. M.

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

Locality: 3/4 mi. SW x W ½ mi. W. Hooper Is. Li. Ho.

Depth: 25 Bottom: Soft Sample: Bl. mud

Wind: Direction, Calm Force, Calm.

Sea: Smooth Sky: Clear - hazy hor.

TEMPERATURES

Depth	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used Ekman
0	NZ 98267	62.4					#4
5	NZ 90650	64.0					#5
10	NZ 90650	65.8					#5
15	NZ 98267	66.0					#4
20	NZ 80472	66.7					#6

CURRENTS

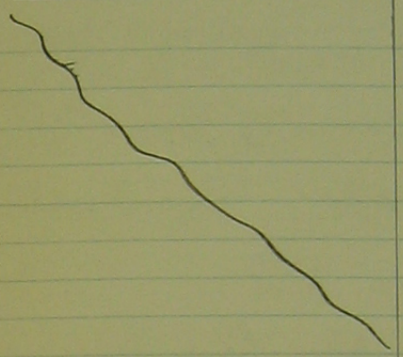
Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: Transparency:

REMARKS:

11—5314

NETS, ETC., USED

Description	Depth	TIME Down	TIME Up	Speed
				

11—5314

NOTES

Depth - 25 fms. — water samples.

Station No. 8353 Date: 10/25/15 191

Hour: 1[50] p. M. to 3[08] p. M.

Position: Lat. 38° 20' 25" Long. 76° 18' 15"

Locality: 1/3 mi. W. of Barren Is. Spar.

Depth: 25. Bottom: Hard Sample: Gr. sand.

Wind: Direction, S.E. Force, 2-3

Sea: Mod. Sky: clear-hazy hor.

TEMPERATURES

Depth	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used Ekman
0	NZ 80472	63.1					#6
5	NZ 90650	62.2					#5
10	NZ 98267	66.0					#4
15	NZ 98267	66.0					#4
20	NZ 90650	66.0					#5
25	NZ 80472	66.5					#6

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: Transparency:

REMARKS: 11—5314

NETS, ETC., USED

Description	Depth	TIME Down	TIME Up	Speed
Vertical ½ meter	25	2[15]	2[17]	
#5 & #20 Silk net	Surf.	2[53]	3[08]	
Meter Strainer	20-0	2[53]	3[08]	
8' B.T. & MB.	16½-21½	2[29]	2[44]	

11—5314

NOTES

Course - N x W.

Station No. 8354 Date: 10/25 1915

Hour: 1 35? p. M. to 4 01 p. M.

Position: Lat. 38° 21' 0" Long. 76° 21' 35"

Locality: 2¼ mi. SE ½ S leave Pt. Li. Ho.

Depth: 8½ Bottom: Soft Sample: Greenish marl

Wind: Direction, SE Force, 3.

Sea: Mod. Sky: Clear-hazy hor.

TEMPERATURES

Depth	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used Ekman
0	NZ 80472	63.2					#6
5	NZ 98267	62.7					#4
8	NZ 90650	65.0					#5

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: Transparency:

REMARKS:

11—5314

NETS, ETC., USED

Description	Depth	TIME Down	TIME Up	Speed
8' B.T. & MB.	8½-8½	3 46	4 01	
#5 & #20 Silk Net	Sur.	3 46	4 01	

11—5314

NOTES

Station No. 8355 Date: 10/26/15 191

Hour: 7 55 a. .M. to 9 33 a. .M.

Position: Lat. 38° 33' 24" Long. 76° 26' 6"

Locality: 3/4 mi. W. of Beer Buoy #18 (a)

Depth: 13 Bottom: Sofr Sample: Greenish Mud.

Wind: Direction, N.W. Force, 4

Sea: Mod. Sky: Clear-hazy horizon.

TEMPERATURES

Depth	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used
							Ekman
0	NZ 80477	62.1					#6
3	NZ 80477	62.3					#6
8	NZ 98267	65.2					#4
12	NZ 90650	65.7					#5

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: Transparency:

REMARKS:

11—5314

NETS, ETC., USED

Description	Depth	TIME Down	TIME Up	Speed
8' B.T. x Mk 3	10-7	8 49	9 04	
Meter Strainer	6	9 18	9 35	
#5 & #20 Silk net	Surf.	9 18	9 35	

11—5314

NOTES

Bottom at 12 x 13 fms.

Station No. 8356. Date: 10/26/15 191

Hour: 11[4] A. M. to 12[15] P. M.

Position: Lat. 38° 40' 12" Long. 76° 25' 0"

Locality: 2 mi. WxS spar buoy #1 on S. end Tilghman's Island.

Depth: 19½ Bottom: Soft. Sample: Black mud & sand.

Wind: Direction, NW Force, 4

Sea: Mod. Sky: Clear - hazy horizon.

TEMPERATURES

Depth	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used Ekman
0	NZ 8147	63.0					#6
5	NZ 98650	67.0					#5
10	NZ 98267	65.5					#4
16	NZ 98267	65.5					#4
19	NZ 90650	65.5					#5.

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: Transparency:

REMARKS:

11—5314

NETS, ETC., USED

Description	Depth	TIME Down	TIME Up	Speed
8' B.T. & M.B.	17-18	11[48]	11[53]	
Meter Strainer	10	12[05]	12[15]	
#5 & #20 Silk net	Surf.	12[05]	12[15]	

11—5314

NOTES

Course - S.S.W. dredging.

Station No. 8357 Date: 10/26/15 191

Hour: 12 55 P. M. to 1 46 P. M.

Position: Lat. 38° 41' 48" Long. 76° 29' 36"

Locality: 1 3/4 mi. E of Chesapeake Beach Wharf.

Depth: 6 Bottom: Soft. Sample: Black mud & marl.

Wind: Direction, NW Force, 3

Sea: Mod. Sky: Clear - hazy hor.

TEMPERATURES

Depth	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used
							Ekman
0	NZ 80472	63.0					#6
5	NZ 98267	64.2					#4

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.J. & N.B.	6-6½	1 09	1 24	
Meter Trawl	2½-0	1 31	1 46	
#5 & #20 Silk nets.	Surf.	1 31	1 46	

11—5314

NOTES

Station No. 8358 Date: 10/26/15 191

Hour: 2 52 p. M. to 3 15 p. M.

Position: Lat. 38° 50' 0" Long. 76° 27' 18"

Locality: 400 yds. E of can buoy - off Horse Shoe Pt.

Depth: 6 Bottom: Soft. Sample: Black mud + marl.

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

Sea: Mod. Sky: Clear hazy hor.

TEMPERATURES

Depth	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used
							Ekman
0	NZ 98267	62.5					#4
5	NZ 90650	63.9					#5

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: Transparency:

REMARKS:

11—5314

NETS, ETC., USED

Description	Depth	TIME Down	TIME Up	Speed
8' B.T. & M.B.	6-6 1/4	3 08	3 15	
#5 & #20 Silk nets	Surf.	3 08	3 15	

11—5314

NOTES

Course - E - dredging

Station No. 8359 Date: 10/26/15 191

Hour: 3[48] P. M. to 4[48] P. M.

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

Locality: Bloody Pt. Bar. Lt. Hse. bearing SEXS
Kent Pt. ESE

Depth: 27 Bottom: Soft Sample: Black mud & marl.

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

Sea: Mod. Sky: cloudy-hazy hor.

TEMPERATURES

Depth	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used Ekman
0	NZ 98267	62.2					#4
5	NZ 90650	62.0					#5
10	NZ 80472	66.2					#6
15	NZ 80472	66.2					#6
20	NZ 98267	65.8					#4
24	NZ 90650	65.8					#5.

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: Transparency:

REMARKS:

11—5314

NETS, ETC., USED

Description	Depth	TIME Down	TIME Up	Speed
Vertical ½ Meter	25-0	4[03]	4[05]	
S.B.T. & M.B.	27½-15	4[21]	4[48]	

11—5314

NOTES

Course - dredging.

Station No. 8360. Date: 10/27/15 191

Hour: 6[30] A. M. to 6[53] P. M.

Position: Lat. ~~38°~~ 38° 55' 42" Long. 76° 25' 30"

Locality: ½ mi. SSE Tolley Pt. Shoal Buoy

Depth: 4 Bottom: Soft Sample: Black mud.

Wind: Direction, S.W. Force, 1

Sea: calm Sky: clear-hazy hor.

TEMPERATURES

Depth	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used
							Ekman
0	NZ98267	62.2					#4
4	NZ90658	63.1	(bottom)				#5

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: Transparency:

REMARKS:

11—5314

NETS, ETC., USED

Description	Depth	TIME Down	TIME Up	Speed
8' B.T. & M.B.	5-7	6[38]	6[53]	
#5 & #20 silk net	Sur.	6[40]	6[55]	

11—5314

NOTES

Station No. 8361 Date: 10/27/15 191

Hour: 7 20 A.M. to 8 48 A.M.

Position: Lat. 38° 55' 9" Long. 76° 23' 12"

Locality: 2¾ mi. ENE Thomas Pt. Shoal
& No.

Depth: 23 Bottom: Hard Sample: Black mud.

Wind: Direction, SW Force, 1

Sea: Smooth. Sky: Clear-hazy hor.

TEMPERATURES

Depth	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used
							Thomas
0	NZ 80472	62.2					#6.
5	NZ 90650	62.5					#5
10	NZ 90650	65.0					#5
15	NZ 80472	66.0					#6
20	NZ 98267	65.5					#4

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. & M.B.	25-17	8 14	8 24	
#5 & #20 Silk net.	Surf.	8 33	8 48	
Meter Stramen	6-0	8 33	8 48	

11—5314

NOTES

Course-dredging.

Station No. 8362 Date: 10/27/15 191

Hour: 9 54 a. M. to 10 15 a. M.

Position: Lat. 39° 1' 18" Long. 76° 22' 42"

Locality: 700 yds. N.E 3/4 E from Sandy Pt. Li. Ho.

Depth: 10 1/4 Bottom: Soft. Sample: Black mud.

Wind: Direction, S W Force, 1

Sea: Calm Sky: Clear - hazy hor.

TEMPERATURES

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

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: Transparency:

REMARKS:

11—5314

NETS, ETC., USED

Description	Depth	TIME Down	TIME Up	Speed
8' B.T. & M.B.	10½-10	10 15	10 15	
#5 & #20 Silk Net.	Surf.	10 05	10 15	

11—5314

NOTES

Course - dredging.
N x ½ W.

Station No. 8363 Date: 10/27/15. 191

Hour: 10 47 A. M. to 11 30 A. M.

Position: Lat. 39° 1' 40" Long. 76° 20' 36"

Locality: 2 1/8 mi. E x N from Sandy Pt. Li. Ho

Depth: 13. Bottom: Sofr. Sample: Black mud.

Wind: Direction, S.W. Force, 1

Sea: calm Sky: clear - hazy hor.

TEMPERATURES

Depth	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used
							Ekman
0	NZ98267	61.5					#4
5	NZ90652	61.9					#5
10	NZ80472	66.0					#6
13	NZ98267	65.6					#4

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. & Jn. B.	13-14	11 00	11 10	
Meter Strainer	6-0	11 15	11 30	
#5 & #20 Silk nets	Sur.	11 15	11 30	

11—5314

NOTES

Course - dredging.
N 1/2 W

Station No. 8364 Date: 10/27/15, 191

Hour: 12 27 P. M. to 1 14 P. M.

Position: Lat. 39° 7' 55" Long. 76° 19' 36"

Locality: 2 1/8 mi. N. 1/4 E. from Swan Pt.

Depth: 7 1/4 Bottom: Soft + hard Sample: Black mud and fine gr. marl + clay.

Wind: Direction, N.W. Force, 1

Sea: Mod. Sky: Clear - hazy hor.

TEMPERATURES

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

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: Transparency:

REMARKS:

11—5314

NETS, ETC., USED

Description	Depth	TIME Down	TIME Up	Speed
8' B.T. & DeB.	7-4 1/2	1 04	1 14	
#5 & #20 Silk nets.	Surf.	1 06	1 14	

11—5314

NOTES

Course - dredging.
W.N.W.

Station No. 8365 Date: 10/27/15 191

Hour: 1[22] P. M. to 1[30] P. M.

Position: Lat. 39° 8' 0" Long. 76° 20' 55"

Locality: 3½ mi. W½S from Swan Pt.

Depth: 3 3/4 Bottom: Soft. Sample: Black mud, (from Leadsman)

Wind: Direction, N.W. Force, 2

Sea: Mod. Sky: clear-hazy hor.

TEMPERATURES

Depth	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used Ekman
0	N 90650	62.6					#5,
3	N 80472	62.0					#6,

CURRENTS

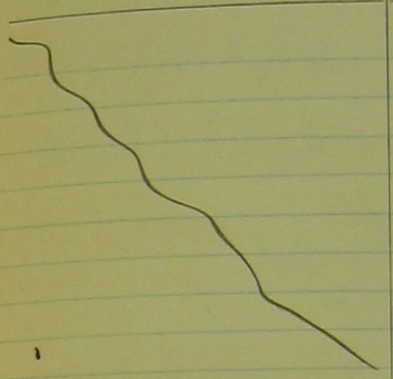
Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: Transparency:

REMARKS:

11—5314

NETS, ETC., USED

Description	Depth	TIME Down	TIME Up	Speed
				

11—5314

NOTES

Station No. 8366 Date: Dec. 2 1913

Hour: 1.03 P.M. to 1.13 P.M.

Position: Lat. 37° 0' 40" Long. 76° 14' 55"

Locality: ½ mile WxS from Thimble Shoal Lighthouse

Depth: 16 F. Bottom: Soft Sample: Greenish Black Mud

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

Sea: Smooth Sky: Clear: Smoky Horizon

TEMPERATURES

Depth	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used
METERS	NZ						Biglow
0	B.F.	47.8					
10	98267	48.1					3
17	90650	50					2
26	80479	53					1

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: Transparency:

REMARKS:

11—5314

NETS, ETC., USED

Description	Depth	TIME Down	TIME Up	Speed
8' Beam Trawl Mud Bag	14-10	3 50	4 05	
#5 Silk Net	Surface	3 52	4 05	
#20 " "	Surface	3 52	4 05	

11—5314

NOTES

Course E ½ N. (Dredging)

Station No. 8367 Date: Dec 3 1913

Hour: 7 05 A.M. to 7 15 A.M.

Position: Lat. 36° 58' 40" Long. 76° 7' 30"

Locality: 3/10 mile E 3/8 S. from No. 5 Dredged Channel Buoy.

Depth: 6 F Bottom: Soft Black Mud Sample:

Wind: Direction, N x W Force, 5

Sea: Moderate Sky: Clear

TEMPERATURES

Depth	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used
METERS	NZ						Bglw
0	BF	49.3					
5	98267	50					3
10	80479	51.2					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	

11—5314

NOTES

Station No. 8368 Date: Dec. 3 1915

Hour: 8 08 A.M. to 8 20 A.M.

Position: Lat. 36° 57' 10" Long. 76° 0' 18"

Locality: 1.5 miles N 3/4 E from Cape Henry Lighthouse

Depth: 12 F Bottom: Soft Black Mud Sample:

Wind: Direction, N x W Force, 6

Sea: Moderate Sky: Clear

TEMPERATURES

Depth	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used
METERS	NZ						Biglow
0	BF	50.1					
9	90650	52.2					2
16	80479	54.					1
21	98267	54					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
1/2 Meter Vertical	12F-0	8 20	8 23	

11—5314

NOTES

Station No. 8369 Date: Dec 3 1915

Hour: 8.56 A. M. to 9.12 A. M.

Position: Lat. 36° 59' 55" Long. 76° 0' 42"

Locality: 1/2 mile NxW from Tail of Horseshoe Lightship

Depth: 7 1/2 F Bottom: Hard Fine Gray Sand Sample:

Wind: Direction, North Force, 5

Sea: Moderate Sky: Clear

TEMPERATURES

Depth Meters	Thermometer—Make and No. NZ	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used
0	BF	50.8					
5	90650	51.2					2
9	80479	52					1
15	98267	53.4					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
8' Beam Trawl & Mud Bag	7 1/2 - 8	9.13	9.30	
#5 Silk Net	Surface	9.13	9.30	
#20 "	"	9.12	9.30	

11—5314

NOTES

Course N.W. (Dredging)

Station No. D 8370 Date: Dec 3 1915

Hour: 10 18 A.M. to 10 29 A.M.

Position: Lat. 37° 1' 24" Long. 75° 59' 40"

Locality: 2.6 miles NxE 1/4 E from Tail of Horseshoe Lightship

Depth: 4 1/2 F Bottom: Hard Sample: Fine Grey Sand

Wind: Direction, North Force, 5

Sea: Moderate Sky: Clear

TEMPERATURES

Depth	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used
Meters	NZ						Bglw
0	BF	48					
4	80479	49.5					1
7	98267	49					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

Station No. 8371 Date: Dec 3 1915

Hour: 11[19] A.M. to 11[26] A.M.

Position: Lat. 37° 3' 18" Long. 75° 58' 12"

Locality: 3/10 mile W x S 3/4 S. from No. 7 Buoy Nautilus Shoal

Depth: 7 1/2 F Bottom: Soft Sample: Fine Sand and Broken Shells

Wind: Direction, North Force, 5

Sea: Moderate Sky: Clear

TEMPERATURES

Depth	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used
meters	NZ.						Bglw
0	BF	48					
7	80479	48.9					1
13	98267	48.5					3
9	90650	48.5					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
8' Beam Trawl & Mud Bag	9-6 1/2	11[26]	11[50]	
Welsh Net	6-4	11[56]	12[06]	
#5 Silk Net	Surface	11[27]	12[06]	
#20 " "	"	11[27]	12[06]	

11—5314

NOTES

"Welsh net carried away at frame while dredging"

Course N W x W. (Dredging)

Station No. 8372 Date: Dec 3 1915

Hour: 2 25 P. M. to 2 52 P. M.

Position: Lat. 37° 13' 12" Long. 76° 4' 30"

Locality: 2 miles W 1/4 S. from Cherrystone Light

Depth: 18 F Bottom: Hard Sample: Sea-weed and fine gray sand

Wind: Direction, N.W. Force, 3

Sea: Smooth Sky: Clear

TEMPERATURES

Depth	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used
meters	NZ						Bglss
0	BF	48.5					
9	80479	49.2					1
11	90650	49.8					2
21.5	90650	50.3					2
32	80479	49.3					1
5	98267	49.2					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
1/2 Meter Vertical	18-0	2 53	2 54	
8' Beam Trawl & Mud Bag	18-8	3 01	3 16	
Welsh Net	8-8	3 22	3 32	
#5 Silk Net	Surface	3 22	3 33	
#20 " "	"	3 22	3 33	

11—5314

NOTES

Course W.N.W. (Dredging)

Station No. 8373 Date: Dec 3 1915

Hour: 3 51 P. M. to 4 08 P. M.

Position: Lat. 37° 13' 24" Long. 76° 8" 0"

Locality: 3 8/10 miles W/4 N from Cherrystone light

Depth: 6 1/2 F Bottom: Hard Fine gray Sand Sample:

Wind: Direction, N.W. Force, 3

Sea: Smooth Sky: Clear

TEMPERATURES

Depth meters	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used
	NZ						Bylus
0	BF	47.9					
4	90650	48.1					2
8	80479	49.1 ← no water sample					1
9	80479	49.5 ← quantitated					1
11	98267	49.7					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

11—5314

NOTES

Station No. 837 Date: 12/4/15 191

Hour: 8 44 a. M. to 8 00 P. M.

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

Locality: 2 1/4 mi. SE x E 1/4 E from New R. Comft C. H.

Depth: 4 1/4 f. Bottom: Hard 7.G. sand Sample:

Wind: Direction, NW. Force, 4

Sea: Smooth Sky: clear

TEMPERATURES

Depth	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used
M	NZ						Eglw.
Surf.		47.8					
7	90650	48.5					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. 8375. Date: 12/4/15 191

Hour: 9 08 a. M. to 9 17 a. M.

Position: Lat. 37° 16' 20" Long. 76° 11' 42"

Locality: 4½ mi. SE x E ¼ E from New Pt. Comfort L. H.

Depth: 7 ft. Bottom: Soft. Sample: Gr. blk. mud.

Wind: Direction, N.W. Force, 4

Sea: Smooth Sky: Clear - sm. haz.

TEMPERATURES

Depth	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used
M							B.
Surf		48.3					
4	80479	49.5					1
8	90650	49.0	Quantitated.				2
12	98267	49.6					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
B.J. & MB.	7½-7	9 27	9 37	
#5 Surface Silk	Surf.	9 25	9 38	
#20 Surface "	Surf.	9 25	9 38	

11—5314

NOTES

NW x W - Dredging.

Station No. 8376. Date: 12/4/15 191

Hour: 12:15 p. M. to 1225 p. M.

Position: Lat. 37° 35' 20" Long. 76° 11' 0"

Locality: 2½ mi E x S ¼ S from Windmill Pt. L.H.

Depth: 7¼ Bottom: Soft. Sample: Grnish Blk. Mud.

Wind: Direction, N.W. Force, 4

Sea: Smooth Sky: Clear.

TEMPERATURES

Depth M	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used B.
0	98267		47.1				3
4	90650		47.2				2
12	80479		50.2				1
8	80479		50.0				1

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.S. & M.B.	7¼-8	12 42	12 57	
Welsh Net	7-7¼	1 07	1 17	
#5 Silk.	Surv.	1 06	1 17	
#20 Silk.	Surv.	1 06	1 17	

11—5314

NOTES

Dredging - N.W. x W

Station No. 8377 Date: 12/4/15 191

Hour: 1457 P. M. to 2:00 P. M.

Position: Lat. 37° 36' 18" Long. 76° 7' 42"

Locality: 5-1/5 mi. E of Hindmill Pt. L.N.

Depth: 7 f. Bottom: Soft Sample: Soft
Bl. Mud (leadsman)

Wind: Direction, NW Force, 4

Sea: Sm. Sky: clear.

TEMPERATURES

Depth	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used
M	NZ		46.8				B.
Sur			48.9				1
6	80479		50.0				2
11	90650						

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. 8378 Date: 12/4/15 191

Hour: 2-8 P. M. to 2-40 P. M.

Position: Lat. 37° 38' 24" Long. 76° 6' 30"

Locality: 4.9 mi. 5½ E from San Marcos Wrk.

Depth: 8 f. Bottom: Soft. Sample: Grnsh. bl. mud.

Wind: Direction, N.W. Force, 4

Sea: Sm. Sky: Clear.

TEMPERATURES

Depth M	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used B.
7	80479		49.0				1
9	98267		49.0	Quan.			3
13	90650		49.8				2
Sur.			47.0				

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. & M.B.	8-7½	2-44	2-49	

11—5314

NOTES

Dredging - WNW

Station No. 8379 Date: 12/4/15 191

Hour: 3 37 P. M. to 4 05 P. M.

Position: Lat. 37° 39' 18" Long. 76° 21' 12"

Locality: 4¼ mi. SSE from San Marcos Wrf.

Depth: 9 f. Bottom: Gofr. Sample: Gmsh. Fl. mud.

Wind: Direction, N.W. Force, 4

Sea: Smo. Sky: clear.

TEMPERATURES

Depth	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used
M	NZ		46.4				B
Surf.							
8	90650		47.5				2
16	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 Down	TIME Up	Speed
¼ M. Vertical	14M-0	3 48	3 49	
B.T. & M.B.	9-7¼	3 55	4 05	
#5 Silk net	Surf.	3 55	4 05	
#20 " "	Surf.	3 55	4 05	

11—5314

NOTES

Dredging - WNW.

Station No. 8380 Date: 12/4/15 191

Hour: 4 55 p. M. to 5 01 p. M.

Position: Lat. 37° 41' 12" Long. 75° 58' 0"

Locality: 5-3/4 mi. S.E ½E 3/4 E from San Marcos Dike.

Depth: 4½ Bottom: Soft, Black mud Sample:

Wind: Direction, NW Force, 4

Sea: Sm. Sky: clear. Hazy. Hot.

TEMPERATURES

Depth	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used
S	NZ		46.1				B.
Sur.							
7	90650		47.0				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. 8381 Date: 12/5/15 191

Hour: 7 48 A. M. to 8 19 A. M.

Position: Lat. 37° 5' 55" Long. 76° 10' 0"

Locality: 1/4 mi. SSE Smith Pt. L.H.

Depth: 25 f. Bottom: Sofr. Sample: Gr. G. Mud.

Wind: Direction, N Force, 2

Sea: Sm. Sky: Partly clear.

TEMPERATURES

Depth M	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used B.
0	B.F.	45.2	-9				
9	98267	47.2	-9				3
18	90650	49.7	-9				2
27	89479	50.8	-9				1
37	90650	50.8					2
43	98267	50.9					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
½ Meter	25.0	8 19	8 21	
B.J. & Mik.	13-10	8 40	8 55	
Dredge net	12-13	9 17	9 23	
#5 Silk net	Surf.	9 10	9 23	
#20 " "	Surf.	9 10	9 23	

11—5314

NOTES

Dredging - S.W.

Station No. B382. Date: 12/5/15 191

Hour: 9 57 A. M. to 10 15 A. M.

Position: Lat. 37° 52' 30" Long. 76° 7' 24"

Locality: 2.9 mi. E. 5/8 S from Smith Pt. Right H.

Depth: 7¼ f. Bottom: Soft. Sample: Blk mud.

Wind: Direction, N Force, 2

Sea: Sm. Sky: clear.

TEMPERATURES

Depth M	Thermometer—Make and No. N.Z.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used B.
0	B7	45.8					
5	84779	47.0					1
9	90650	48.1	4.				2
12	98767	48.5	4.				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

11—5314

NOTES

Station No. 8383 Date: 14/5/15 191

Hour: 10 30 A. M. to 10 40 A. M.

Position: Lat. 37° 53' 0" Long. 76° 5' 30"

Locality: 4.5 mi. E 1/4 S from Smith Pt. L. H.

Depth: 6 f. Bottom: Soft. Sample: fine gr. Sand.

Wind: Direction, N Force, 2

Sea: Sm. Sky: Clear.

TEMPERATURES

Depth	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used
M	N.Z						B.
0	B.F.	46.5	9				
3	90650	47.2	9				2
9	98267	48.5	9				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
8' B.V. & mB.	6½-6	10 45	11 00	
#5 Sur.	Sur.	10 45	10 55	
#20 Sur.	Sur.	10 45	"	

11—5314

NOTES

Station No. 8384 Date: 12/5/15 191

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

Position: Lat. 37° 59' 36" Long. 76° 21' 30"

Locality: 3½ mi. S.W. ¾ S from Pt. Lookout L. H.

Depth: 7 f. Bottom: hard Sample: Gr. sand

Wind: Direction, N Force, 2

Sea: Sm. Sky: Hzy cloudy sm. hor.

TEMPERATURES

Depth M	Thermometer—Make and No. NZ	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used B.
0	BF	44.7					
5	90650	45.6					2
11	80479	48.0					1

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' BT. & MB.	7-5-4	1 10	1 20	
#5 Silk	Surf.	1 12	1 22	
#00 Silk	Surf.	1 12	1 20	

11—5314

NOTES

Station No. 8385 Date: 12/5/15 191

Hour: 2 02 P. M. to 3 57 P. M.

Position: Lat. 38° 1' 24" Long. 76° 21' 36"

Locality: 2 mi. W.S.W. from Pt. Lookout L. H.

Depth: 12½ f. Bottom: Softr. Sample: Softr black mud

Wind: Direction, NW Force, 3

Sea: Smo. Sky: Cloudy - hazy hor.

TEMPERATURES

Depth M	Thermometer—Make and No. NZ	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used B.
0	B.F.	45.0					
4	90650	46.0					2
x 8	91650	47.0					2
9	80479	47.2					1
x 17	80479	47.6					1
18	91650	47.2					2
x 22	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 f	TIME Down	TIME Up	Speed
½ Meter Ter.	12½-0	2 39	2 60	
8' B.J. & Mtb.	13-10½	2 50	2 55	
#5 Sick	Surf.	2 51	2 55	
#20 Sick	Surf.	2 51	2 55	

11—5314

NOTES

Dredging - W.

Station No. 1386 Date: 12/5/15 191

Hour: 3^18 P. M. to 3^44 P. M.

Position: Lat. 38° 21' 30" Long. 76° 20' 36"

Locality: 1.1 mi. WxN½N from Pt. Lookout L.H.

Depth: 5 f. Bottom: Soft Sample: Blk mud. (leadsman)

Wind: Direction, NWxW Force, 2

Sea: Sm. Sky: Cl. & hazy.

TEMPERATURES

Depth M	Thermometer—Make and No. NZ	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used B.
0	B.F	45.9					
4	91650	46.6					2
7½	80479	47.1					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	

11—5314

NOTES

Station No. 8387 Date: 12/6/15 191

Hour: 8[18] a. M. to 8[35] a. M.

Position: Lat. 38° 7' 6" Long. 76° 17' 0"

Locality: 3/4 mi. SW x S from Pro Pt. N. H.

Depth: 6 3/4 f. Bottom: Soft Sample: Blk mud

Wind: Direction, N Force, 6

Sea: Mod. Sky: Cloudy

TEMPERATURES

Depth M	Thermometer—Make and No. NZ	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used B.
0	B.F.	45.5				+	
6	90650	46.0				+	2
9	98267	46.1				+	3
12	80479	46.4				+	1

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. 8288 Date: 12/6/15 191

Hour: 9[01] a. M. to 10[05] a. M.

Position: Lat. 38° 7' 12" Long. 76° 13' 30"

Locality: 3½ mi. E x S from Pr. No Pr. L.H.

Depth: 21 f. Bottom: Hard Sample: Sea weed and broken shells.

Wind: Direction, N Force, 6

Sea: Short Choppy Sky: Cloudy

TEMPERATURES

Depth M	Thermometer—Make and No. NZ	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used B.
0	BF	45.5				+	
5	90650	46.3				+	2
10	80479	46.8				+	1
17	80479	48.2				+	1
16	90650	50.0				+	2
35	98267	52.2				+	3
9	80479					+	1
18	90650					+	2
27	98267					+	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
½ M Vertical	21-0	9[32]	9[34]	
8' B.V. & M.B.	21-11	9[51]	10[01]	
#5 Silk net	Surf.	9[50]	10[01]	
#20 Silk net	Surf.	9[50]	10[01]	

11—5314

NOTES

Station No. 8389 Date: 12/6/15 191

Hour: 10 25 a. M. to 10 40 a. M.

Position: Lat. 38° 7' 3" Long. 76° 9' 30"

Locality: 4.1 mi. N.W. 3/8 N from Holland Is. Bar. L. H.

Depth: 4 f. Bottom: Sofr. Sample: Blk. mud

Wind: Direction, N Force, 6

Sea: cross choppy Sky: cloudy

TEMPERATURES

Depth	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used
M	NZ						B.
0	BF	45.8				+	
3	90650	46.4				+	2
6	98267	46.5				+	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

11—5314

NOTES

Station No. 8390 Date: 12/6/15

Hour: 11 47 A. M. to 12 08 P. M.

Position: Lat. 38° 14' 4½" Long. 76° 15' 4½"

Locality: 4½ mi. S W 1/8 S from Hooper's I. L. H.

Depth: 23 f. Bottom: Soft. Sample: Gr. Blk. Mud.

Wind: Direction, N Force, 6

Sea: choppy Sky: cloudy.

TEMPERATURES

Depth M	Thermometer—Make and No. NZ	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used B.
0	B.F.	45.5				+	
5	80479	46.2				+	1
10	90650	46.2				+	2
18	98767	48.1				+	3
27	90650	50.0				+	4
37	80479	50.8				+	5

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: Transparency:

REMARKS:

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	

NOTES

Station No. 8291 Date: 14/7/15. 191

Hour: 8[13] A. M. to 8[49] P. M.

Position: Lat. 38° 18¼ 40" Long. 76° 25[1] 50"

Locality: 3/4 mi. S.W. from Drum Pt.

Depth: 10¼ f. Bottom: Soft Sample: Soft blackmud

Wind: Direction, N.W. Force, 2

Sea: Sm. Sky: Cloudy.

TEMPERATURES

Depth M	Thermometer—Make and No. NZ	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used B.
0	B.F.	44.0				+	
4	80479	44.9				+	1
9	90650	44.5				+	2
16	98267	44.3				+	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
8' BJ. & BNB.	10¼-11	8[34]	8[40]	
#5 Silk net	Surf.	8[33]	8[40]	
#20 " "	Surf.	8[33]	8[40]	

11—5314

NOTES

Station No. 8892 Date: 12/7/15 191

Hour: 9:15 a. M. to 9:43 a. M.

Position: Lat. 38° 19' 18" Long. 76° 22' 20"

Locality: 1 7/8 mi. N from Cedar Pt. L. H.

Depth: 5 f. Bottom: Softs Sample: Blk mud.

Wind: Direction, N Force, 4

Sea: Mod. Sky: Cloudy

TEMPERATURES

Depth M	Thermometer—Make and No. NZ	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used 19.
0	B.F.	43.5				+	
4	98650	44.0				+	2
8	98267	44.0				+	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	

11—5314

NOTES

Station No. 8393 Date: 12/7/15 191

Hour: 9 45 a . M. to 9 56 a . M.

Position: Lat. 35° 19' 45" Long. 76° 20' 6"

Locality: 2.1 mi. N.E. from Cedar Pt. L.H.

Depth: 14 f. Bottom: Soft Sample: Blk mud.

Wind: Direction, NW Force, 4

Sea: Mod. Sky: Cloudy

TEMPERATURES

Depth M	Thermometer—Make and No. NZ	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used B.
0	B.F.	43.8				+	
5	8479	45.0				+	1
9	9650	44.0				+	2
15	98267	46.8				+	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

11—5314

NOTES

Station No. 894 Date: 12/7/15. 191

Hour: 10 25 A.M. to 10 00 A.M. 12/8/15

Position: Lat. 38° 20' 12" Long. 76° 17' 54"

Locality: 3/10 Mile S x E 3/4 E from Spar Buoy 16-I

Depth: 27. F. Bottom: Soft Sample: Soft Black Mud.

Wind: Direction, South Force, 6

Sea: Cross Choppy Sea Sky: Cloudy

TEMPERATURES

Depth	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bo... us...

24 hours Station

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direct...

Color of water: Transparency:

REMARKS:

11—6314

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	
12/8/15				
½ Meter Vertical	27-0	8 38 AM	8 48 AM	

map 1225

Station No. 8395 Date: 12/8/15 191

Hour: 11 30 A. M. to 12 55 P. M.

Position: Lat. 38° 31' 18" Long. 76° 24' 54"

Locality: Bell Buoy 18-A Bearing N 1/4 W Spar Buoy 16-F Bearing E x N 5/8 N.

Depth: 11 1/4 F Bottom: Hard Sample: Fine grayish Sand and Black Sea-weed

Wind: Direction, South Force, 4

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

TEMPERATURES

Depth Meters	Thermometer—Make and No. N.Z.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used Big Low
0	B.F.	42.8				+	8
4	98267	43.2				+	3
10	90650	43.0				+	2
18	80499	50.0				+	1
9	98267	45.0				8	3

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: Transparency:

REMARKS:

11—5314

NETS, ETC., USED

Description	Depth 7.	TIME Down	TIME Up	Speed
8' Beam Trawl & Mud Bag	11-12	12 40 PM	12 50 P.M.	
#5 Silk Net	Surf	12 40 "	12 50 "	
#20 " "	"	12 40 "	12 50 "	

11—5314

NOTES

Station No. 8396 Date: 12/9/15 191

Hour: 11 12 A. M. to 12 05 P. M.

Position: Lat. 38° 40' 18" Long. 76° 25' 6"

Locality: Sharpe's Island Light Bearing S.E ½ S. 2 7/10 Miles

Depth: 21. F. Bottom: Hard Sand and Black Sea-weed. Sample: Gray

Wind: Direction, NW x W Force, 6

Sea: Moderate Sky: Clear

TEMPERATURES

Depth	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used
Meters	N.Z.						Bigelow
0	B.F.	42.3				+	
5	90650	42.8				+	2
11	98267	47.0				+	3
18	98267	50.0				+	3
27	90650	50.2				+	2
36	80479	50.9				+	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
½ Meter Vertical	21-0	11 33 AM	11 35 AM	
8' Beam Trawl & Mud Bag	21-12 3/4	11 47 "	12 02 PM	
# 5 Silk Net	Surf	11 48 "	12 02 "	
# 20 " "	Surf	11 47 "	12 02 "	

11—5314

NOTES

SW x S ½ S.
(Course Dredging)

Station No. 8397 Date: 12/9/15 191

Hour: 1 28 P. M. to 1 38 P. M.

Position: Lat. 38° 49' 24" Long. 76° 27' 12"

Locality: 3/4 mile S.E. x S 1/2 S from Can Buoy 27

Depth: 5 3/4 Fa Bottom: Soft Sample: Soft
Black Mud and Dark colored Sea-weed

Wind: Direction, N.W. Force, 6

Sea: Moderate Sky: Partly Cloudy.

TEMPERATURES

Depth	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used
Meters	NZ						Bigelow
0	B.F.	42.8				+ q	
5	98267	43.2				+	3
9	80479	47.0				+ q	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
8' Beam Trawl & Mud Bag	5 3/4-5 3/4	1 43 PM	1 53 PM	
#5 Silk Net	Surf	1 43 "	1 53 "	
#20 " "	Surf	1 43 "	1 53 "	

11—5314

NOTES

Station No. 8398 Date: 12/9/15 191

Hour: 2 15 P. M. to 2 39 P. M.

Position: Lat. 38° 8' 6" Long. 76° 25' 42"

Locality: 1 3/4 miles W ¼ N from Bloody Pt. Bar Lthouse
Thomas Pt. Light N 1° E

Depth: 7½ F Bottom: Soft Sample: Soft
Black Mud

Wind: Direction, N.W. Force, 7

Sea: Choppy Sky: Clear

TEMPERATURES

Depth	Thermometer—Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used
Meters	NZ						Riglar
0	B.F.	43.3				& +	
7	98267	43.9				+	3
10	90650	44.0				&	2
13	80479	44.5				+	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	

11—5314

NOTES