

Station No. 1849
Date, Jarly 10" 1893
Time of day, 18.10 am : of tide, Hord
Locality. 2 /2 hills Sof hornows Land &
Exact position, Lay Kead Loldo 1/88 9 miles
ently head So Ho Axr /2 m 141/2 miles
Depth, 15 / the
Nature of bottom, Nature
Dredging instrument used, Allam Frank
Direction of drift, 48 &; distance, 14 mile
Temperature of air, therm. No.,
of surface water,
" at depth of fathoms, "
" at bottom,
Density at surface, \$0.24.2 temp.,
" at depth of fathoms, "
" at bottom,
Number of salinometer,
Barometer reading. 30.09
State of sky, Leler
Direction of wind, 4 ; force, 2
Rain,
Direction of surface current, ; force,
" of bottom " ; force,
Name of vessel, US 76 Str Fish Hawk
Service to which attached, 26 576
Name and rank of commanding officer, Robert Flat
Eint 26 g m
Non- and resistance to Lance
Inderighten materia
materia
-

Notes relating to station no 1849

Whilings Rand doct

	1850
	Station No.
	Station No. 1850 Date, July 10. 1893
	Time of day, 10. 34 a : of tide,
	Time of day, 10. 3 4 th : of tide, Florid Locality, 4 h miles 5 of his mous Land
	Exact position, Ley head Co-NO A/4 & 10/2 mile
1	sultyhunk St No A- X W 16 miles
	Denth. 17 Julio
	Vature of bottom
	Ream Mol
	Direction of drift, 1- & ; distance, 14 mile therm. No.,
	Temperature of air, 6 8 therm. No.,
	·· of surface water, 64
	·· at depth of fathoms, ··
	at bottom,
	Density at surface, 109 4,2 temp.,
	" -at depth of fathoms, "
	" at bottom, "
	Number of salinometer,
	Barometer reading. Ed. 09 Lillian State of sky,
	Direction of wind, Arth ; force, 2
	Rain,
	Direction of surface current, : force,
	" of bottom " ; force,
	Name of vessel, US76Str Fish Hawk
	service to which attached,
	Name and rank of commanding officer. Rubert Public
1	Lieut-les & m
	Name and position of observer.
	Interighter-
	mating

NOTES RELATING TO STATION NO 800 Hake skate Hounders

Station No. 1851
Date, July 10. 1893
Time of day, 16,58 Que : of tide. Flood
Locality 4 hmiles 88 hr of his mans Land
Exact position, Lay hear St No A-7 & 6 16 4 mile
autty hunte Sopo No /4 rr 15 miles
Depth, 15 fth 3 ft
Nature of bottom, Ward
Dredging instrument used, Bear Frank
Direction of drift, 1 & ; distance, 14 mele
Temperature of air, 47 therm. No.,
" of surface water, 64
at depth of fathoms.
at bottom, _ /
Density at surface, / [2412temp.,
" at depth of fathoms,
" at bottom.
Number of salinometer,
Barometer reading. 21,19
State of sky, Allen
Direction of wind, Arth ; force,
Rain,
Direction of surface current, : force,
of bottom " : force,
Name of vessel, 26 776 Str Fish Hawk
Service to which attached, 20176
Name and rank of commanding officer, Robert Plule Louis
Name and position of observer.

Sea Anemonis Horndon Dake Rand dollare star fish Bermitarabe ekate

Station No. 1852
Date, July 18 1893 Time of day, 11/2 4 Par : of tide, Floor
Time of day, 11,2 4 the : of tide, Floor
Exact position, Lay head St HO AXE 10 miles of the head St HO A 1/2 W 14 /2 miles Depth, 13 ftm 325
My hust 50140 N 12 W 124 /2 miles
Depth, /3/th 325
Nature of bottom,
Dredging instrument used, Beau Fraul
Direction of drift, 45 ; distance, comeden
Temperature of air, 47 therm. No.,
·· of surface water, 64
at depth of fathoms.
·· at bottom,
Density at surface. 1624, 2 temp.,
" at depth of fathoms,
at bottom,
Number of salinometer,
Barometer reading. 20.09
State of sky, delea-
Direction of wind, forth ; force. 2
Rain.
Direction of surface current, ; force,
" of bottom " : force,
Name of vessel, U176 St. Fish Hawk
Service to which attached, 26 176
Name and rank of commanding officer. Robert Plall
Level 26 ja
Name and position of observer,

NOTES RELATING TO STATION NO. 1862.

Shate Alake frommer fores

Station No. 1853
Date, 100 100 1895
Time of day, / Fry ; of tide, Hor
Locality, Blo-de asld Sound
Exact position, Lay head Octo A & 1/4A 5/8hm
uttyhunk Sotto A ygr 9 miles
Depth, 15 fth
Nature of bottom,
Dredging instrument used, Beau Zraul
Direction of drift, ANE; distance, 14 mile
Temperature of air,
of surface water, 64
" at depth of fathoms, "
" at bottom,
Density at surface, 1024,2 temp.,
at depth of fathoms,
" at bottom,
Number of salinometer,
Barometer reading.
State of sky. Clear
Direction of wind, WAW; force, /-
Rain,
Direction of surface current, ; force,
" of bottom "; force,
Name of vessel, lb & 7 6 Str Fish Hunt
Service to which attached, & 176
Name and rank of commanding officer, Robert Rutt
Lunt 26 Sm
Name and position of observer,
Matter and position of observer,
Mistershow

Sculpin Habe Hohiting Smenden

Station No. 1854			
Date, July 11' 1893			
Time of day. 1. 40 Plu; of tide, Plan			
Locality, Telephone			
Exact position, Dayheard 140 16 XE/8E 5/8 mile			
wells head St HO A 186 7/4 miles			
Depth, 17 Felis			
Nature of bottom, Buddy			
Dredging instrument used,			
Direction of drift, A & ; distance,			
Temperature of air, 67 therm. No.,			
of surface water, 64			
at depth of fathoms,			
at bottom,			
Density at surface, 1824,2 temp.,			
" at depth of fathoms, "			
" at bottom,			
Number of salinometer,			
Barometer reading. 21.09			
State of sky, leleur			
Direction of wind, 77 ; force,			
Rain,			
Direction of surface current, ; force,			
" of bottom "; force,			
Name of vessel, 26 876 Str Fish Hawk			
Service to which attached, 26276			
Name and rank of commanding officer, Pober E. Mall			
Bull We Si			
Name and position of observer,			

NOTES RELATING TO STATION NO. 1854

Larpich Flounders Kenke
Hermit Grake

	~ 0 ~ /-
	Station No. 7855
	Date, July 10" 1893
	Time of day, 2, 40 Plu: of tide, Horr
	Locality, Block Isld Errord
,	Exact position, Tayhere SONO EXA/48 3/2 mile cutty hunk So HO AX n- 78 W 5/2 H
1	cultyhunk St HD 1xm-78 W 5/2 "
	Depth, 14 ths
	Nature of bottom,
	Dredging instrument used, Blance Frank
	Direction of drift, North ; distance, 1/4 mel
	Temperature of air, 67 therm. No.,
	" of surface water, 64
	" at depth of fathoms, "
	at bottom,
	Density at surface, 10,24,2 temp.,
	- " at depth of fathoms, "
	at bottom,
	Number of salinometer,
	Barometer reading.
	State of sky.
	Direction of wind, MAW; force, 2
	Rain,
	Direction of surface current, ; force,
	" of bottom "; force,
	Name of vessel,
	Service to which attached, 26 8 7 - Plane
	Name and rank of commanding officer,
	Grent 16,0 mm
	Name and position of observer,
	In Con here

NOTES RELATING TO STATION NO. 1800.

Alexandra State

Printers State

Annieles Sand Bab

Station No.
Date, July 10 2 8 9 3
Time of day 2156 12 of tide, Ford
Locality, Vineyard Sound
Exact position, Sunhead St No SSW 2/8 mile
ently hunds St Ho Arr 40 /2 re 5/2 "
Depth, 14 Jus
Nature of bottom, Alary
Dredging instrument used, Blame Frank
Direction of drift, AX & ; distance, 14 mull
Temperature of air, 66 therm. No.,
·· of surface water,
" at depth of fathoms, "
" at hottom,_ "
Density at surface, /024 temp.,
" at depth of fathoms, "
at bottom,
Number of salinometer,
Barometer reading. 30,04
State of sky, Lelean
Direction of wind, NAW; force, 2
Rain,
Direction of surface current, ; force,
" . of bottom " ; force,
Name of vessel, 26176 Sta Fish Houch!
Service to which attached,
Name and rank of commanding officer.
Some 26 pm
Name and position of observer,
Interestion -
Thatin sh

NOTES RELATING TO STATION NO. 1816

Skale Land Sand

Station No. 1857
Date, July 11' 693
Time of day, 5.26 May; of tide, Hord
Locality. Theyord Sound
Exact position, Enghant to Ho Smx might 2 1/2 min
ently hunk do 140 Amxm Tore 6/2 11
Depth, 13 Phs
Nature of bottom,
Dredging instrument used, Beau Trawl
Direction of drift, AAE ; distance, 4 mile
Temperature of air, 66 therm. No.,
" of surface water, 66
" at depth of fathoms, "
at bottom,
Density at surface, 1024 temp.,
" at depth of fathoms,
" _ at bottom,_
Number of salinometer,
Barometer reading. 30.09
State of sky, Lelean
Direction of wind, how ; force, 2-
Rain,
Direction of surface current, ; force,
" of bottom "; force,
Name of vessel, 26 & # 6 Str Fish Heart
Service to which attached, 26 & 76
Name and rank of commanding officer, Robert Plate
Name and position of observer.

NOTES RELATING TO STATION NO. 1807 Skale Slanfich Hermit

Station No. 18 5
Date, July 10' 1893
Time of day, 3,50 Res; of tide, Florid
Locality, Veneza, J. S
Exact position, Supreau Se Ho SXr 7 8 W 3 miles
eullyteunde Lo Ho mx 1 1/4 1 5 1/4 miles
Depth, 14 Jeths 2 ft
Nature of bottom, Hard
Dredging instrument used, Beam Frank
Direction of drift, AX & ; distance, /4 mile
Temperature of air, 66 therm. No.,
of surface water,
" at depth of fathoms,
" at hottom,
Density at surface, 024 temp.,
" at depth of fathoms, "
" at bottom,
Number of salinometer,
Barometer reading. 30.29
State of sky, Alle
Direction of wind, how ; force, 2
Rain,
Direction of surface current, ; force,
" of bottom " ; force,-
Name of vessel, 26 & 76 Str Fish Hourts
Service to which attached, L 676
Name and rank of commanding officer Kerst K
Name and position of observer,

NOTES RELATING TO STATION NO. Jounders, Hermit Grabe Land Gollars Chell & re.

Date, July 12' 1893 Time of day. 9, 15 9m; of tide, Hord
Date, July 12' 1893 Time of day, 9, 15 9 9 1 10 10 10 10 10 10 10 10 10 10 10 10 1
Time of day, 9,95 9m; of tide, Horal
1 ///
Locality Reserved A Barre
Exact position, Arska SCNO ETS & 5/2 mile
ind Selado Ho AEX M3/4 So 83/8 miles
Depth, 8 Jths
Nature of bottom, Slicky
Dredging instrument used, Beam Lawl
Direction of drift, Am ; distance, 1/4 mil
Temperature of air, 48 therm. No.,
" of surface water,
at depth of fathoms.
_ at bottom,
Density at surface. 1023,4 temp.,
" at depth of fathoms,
at bottom,
Number of salinometer,
Barometer reading. 30.18
State of sky. ldmdy
Direction of wind, 3 1 ; force, 2
Rain.
Direction of surface current. : force,
" of bottom " ; force,
Name of vessel 160 Fl Str Fish Hawk
Service to which attached, USF6
Name and rank of commanding officer. Robert Halt
Facul Ho SK
Name and position of observer.

NOTES RELATING TO STATION NO. 1859 Homes chell spider Erabe Rock Crabe tolack much

- -----

Station No. 1860

RECORD OF DREDGING,

Date, July 120 189	3
Time of day. 9.40 ; of	tide, Hord
Locality, Buzzard B	ry
Exact position, Artoken at	688481/88 5/2 mil
will Isla SCHONNE	126 7 /8 miles
Depth, 8 fths 3 ft	
Nature of bottom, Stickey	9
Dredging instrument used, Be	in Frank
Direction of drift, AA /r	; distance, 14 mile
Temperature of air, 69	therm. No.,
of surface water,	J
" at depth of fatho	шь,
at bottom,	ш
Density at surface. 10 2 3,	temp.,
" at depth of fathoms,	i.
at bottom,	0
Number of salinometer,	
Barometer reading. 30,18	
State of sky, letonely	
Direction of wind, &	; force, 2
Rain.	
Direction of surface current,	; force,
" of bottom "	: force,
Name of vessel, US76	- Fish Nawk
Service to which attached, 26 A	76,
Name and rank of commanding off	cer, Robert Reali
Name and position of observer,	nichta
Frel 74	A. n.l.
	to do all

Shell Grass homes black much.

Station No. / / 6/
Date, July 29. 1893
Time of day, 2.30 PM: of tide, 1/2 floor Locality, Eastern Harber Mr
Locality, Eastport Harber Mr
Exact position, Frians Head 3 Am /4 W //16 mile
who have set 3 work 134 miles
Depth, 18 facto
Nature of bottom, hard
Dredging instrument used, Blan Iraml
Direction of drift, ; distance,
Temperature of air, & 3 therm. No.,
" _ of surface water, 5/ "
" at depth of / Frathoms, 57 "
" at bottom, 37/
Density at surface, 1025.6 temp., 57
" at depth of fathoms, "
" at bottom, 10 15. 1/ " 5-1°
Number of salinometer,
Barometer reading. 2 9.94
State of sky. ldmly trany
Direction of wind, SSM; force. &
Rain,
Direction of surface current, : force,
" of bottom "; force;
Name of vessel, US Hoter Fish Kawten
Service to which attached, 126 / 76
Name and rank of commanding officer, Robert Plast
Found to Sh
Name and position of observer,

NOTES RELATING TO STATION NO. 1861 Molathurians, (Remand).
Holathurians, (Remace)
Starfisher (listersas & Criticales
etc.) 2 Scucpins and
eno Ophichian trachedos
in Monge, Florences
(P. americanis)

Station No. 1862
Date, July 29. 1893
Time of day, & PMG; of tide, 1/2 flower
Time of day, & PM6; of tide, 1/2 flower Locality, Eastford had
Exact position, Frians Alad & Str /4 W / /8 miles
subst harmos it & W 20/4 miles
Depth. 30 Castra
Nature of bottom, hard
Dredging instrument used, Beam France
Direction of drift, ; distance.
Temperature of air, & & therm. No.,
of surface water,
" at depth of fathoms,
" at bottom,
Density at surface, /0 25, 2 temp., 50
" at depth of fathoms,
" at bottom. "
Number of salinometer,
Barometer reading, 29,94
State of sky, Claude 4 and
Direction of wind, & ST ; force, 2
Rain,
Direction of surface current, : force,
of bottom " : force,
Name of vessel. Ul 7 ly Str Fish Hawk
Service to which attached, 26 x 76
Name and rank of commanding officer, Kohrt- Rall
Trust le An
Name and position of observer, CN Cleanen
mate ufn

Sport & Rea Rava 2 Skulpin Invosed sheets, sound small britte star fish, Barnades, Shrimps, truncates, anneleds, 1. agonist

Station No. 1863
Date, August 9 1893
Time of day, 11 32 W; of tide, Slack
Locality St Grory River Musine
Exact position, Do whet law END tip W Char
Fitheren St ExtyN 2 miles
Depth, 13 fths
Nature of bottom, Soft
Dredging instrument used, Man France
Direction of drift, & & & ; distance, 4 mile
Temperature of air, 70 therm. No.,
of surface water,
· at depth of fathoms, ·
at bottom,
Density at surface, /0 2 4, 4 temp.,
" at depth of fathoms, "
at bottom,
Number of salinometer,
Barometer reading. 30.10
State of sky, Loleur
Direction of wind, South ; force, 2
Rain,
Direction of surface current, : force,
" of bottom " ; force,
Name of vessel, Us & 46 Str Fish Nauch
Service to which attached, 26/ 5-6
Name and rank of commanding officer, holy to Platt
Count Ue Sh
Name and position of observer,
James and John The Marke Wife
materin

NOTES RELATING TO STATION NO. 1868

Che Fish Starfish

Che Lange vasket Starfish

Station No. 1864
Date, 201 23.7 1893
Time of day, 10,36 Que ; of tide,
Locality month of Cherepeake and
Exact position, Flumble Setto WAN 1178 mil
Tupe Henry LE 140 5 XE /88 /1/2 miles
Depth, //, 3
Nature of bottom,
Dredging instrument used, Beam Frank
Direction of drift, & X & ; distance, /a mule
Temperature of air, 79 therm. No.,
" of surface water, 75 "
" at depth of fathoms, "
" at bottom,
Density at surface, 1014 temp.,
at depth of fathoms,
" at bottom, "
Number of salinometer,
Barometer reading, 29,97
State of sky,
Direction of wind, alm ; force.
Rain,
Direction of surface current, ; force,
of bottom " ; force,
Name of vessel, It I Fich sauth
Service to which attached, 46 x . \$ 4
Name and rank of commanding officer, Loter L Hall
well lot n
Name and position of observer,

NOTES RELATING TO STATION NO. // 4 Squid that is when Crabe, Shet egg skinding Crabe, King til

.01,-	
Station No. 1860	3 72
Date, September 23	111
Time of day, ; of tid	
Locality, Minit Ches 1	Edy
Exact position, Thimble Sol	12/8 hule
sape Keny Scho Shir S	1/4 miles
Depth, 10, 2_	
Nature of bottom, Kand	
Dredging instrument used, Beauch	. Frank
Direction of drift, & X 5 ; d	istance, / = incle
Temperature of air, 70	therm. No.,
of surface water, 75	÷-
at depth of fathoms	
at bottom,	Le
Density at surface, 11,73.6	temp.,
" at depth of fathoms,	44
" at bottom,	44
Number of salinometer,	
Barometer reading.	
State of sky,	
Direction of wind, ; f	orce,
Rain,	
Direction of surface current,	; force,
" of bottom "	: force,
Name of vessel, los f & Etr	Fish Junk
Service to which attached, 46	6
Name and rank of commanding office	r. Kobal Malt
Gent U. Dr	
Name and position of observer,	17-
Julin	Malana-
I man	terific
	V .

NOTES RELATING TO STATION NO. 1868

1 Smilla Sand Starfish From

araba. Shate egge. Hog Chrhere
Shrimp

Station No. 18 66	
Date, September 23' 1843	
Time of day, 1/ 5 min: of tide, libb	
Locality,	
Exact position. Phimble St 10 Ar X or 7	8W/35/87in
Cape Henry Sto Sh XW /8W /1/4:	miles
Depth, /C	
Nature of bottom,	
Dredging instrument used, The	11
Direction of drift, Ex 3 ; distance, //4	mile
Temperature of air, 8/	m. No
of surface water, 71	i.
at depth of fathoms,	• •
at bottom,	**
Density at surface, ten	ıp.,
at depth of fathoms,	
at bottom,	<u> </u>
Number of salinometer, 16,19 2	
Barometer reading. 29,96	
State of sky. lelear	
Direction of wind, East; force, /	
Rain.	
Direction of surface current, ; force,	
" of bottom "; force,)
Name of vessel, U/76 Str File.	Hawk
Service to which attached, 26 176	24
Name and rank of commanding officer, when I	Kall
Louis 26 Sm	
Name and position of observer,	
Muleneditor	

Notes relating to station No. 1866.

Squilla shrimp Front

Croakers Exist Lanfish

Nog chrokers exate eggs

ent nainmons

Station No. 1867
Date: peptember 23' 1893
Time of day : / ; of tide, Cobb-
Locality, Month leher Berry
Exact position, Thimble Co Ho A 1 m 14 7/8 mile
rake Henry Sc/40 Ir 1/8 S 2 1/8 miles
Depth, 19 plan
Nature of bottom, And
Dredging instrument used, Beam Frank
Direction of drift, 3/8; distance, 1/4 mis
Temperature of air, 79 therm. No.,
" of surface water, 10., 5"
" at depth of fathoms, "
" at bottom,
Density at surface, 10/38 temp.,
" at depth of fathoms, "
" at bottom,
Number of salinometer,
Barometer reading, 29.96
State of sky. Leleur
Direction of wind, & & ; force, /
Rain,
Direction of surface current, ; force,
" of bottom "; force,
Name of vessel, US Flo St. Thick Howk
Service to which attached, 26 F6
Name and rank of commanding officer, Robert Platt
Leient It & m
Name and position of observer,

NOTES RELATING TO STATION NO. 1867 Smit Cronkers Hogenokers Snimp mining & my Hue in wind show the interest Thank from the same

Station No.
Date, 14 June 232
Time of day, / ; of tide,
Locality,
Exact position Thinkle Sites Arr XW /FW 15 mil
rape Henry Lito 12/4 1- 2/2 miles
Depth,
Nature of bottom,
Dredging instrument used, due
Direction of drift, 3 2 2 3; distance, 14 mile
Temperature of air. 79 therm. No
" of surface water, 75.5
at depth of fathoms,
at bottom,
Density at surface, 1115.6 temp.,
· at depth of fathoms, ·
" at bottom,
Number of salinometer,
Barometer reading. 29,45
Direction of wind, SE; force, 2
Rain.
Direction of surface current, ; force,
" of bottom " ; force,
Name of vessel, It I 76 25 Flore Jane
Service to which attached, 26 17 6
Name and rank of commanding officers and the Share Sha
Name and position of observer,

NOTES RELATING TO STATION NO. 1868 Small min was & conte

Station No. 1869
Date, 25 1. 93
Time of day. 11.40 : of tide.
Locality. Chumpenke Ray
Exact position, Cherry stone Lot 40 Exx /6 11/81
a Plantalin St 140 56/45 178 miles
Depth, 2/ fasts
Nature of bottom, Shub Ycoral
Dredging instrument used, Ishu Frank
Direction of drift, South ; distance, 1/4 mile
Temperature of air, \$2 therm. No.,
of surface water, 74 "JD.40
" at depth of fathoms, "
" at bottom,
Density at surface, 1018. temp., 7 4
" at depth of fathoms, "
" at bottom, "
Number of salinometer, 70 49
Barometer reading. 3006
State of sky,
Direction of wind, J. A. ; force, J
Rain,
Direction of surface current, : force,
" of bottom " ; force,
Name of vessel, 26 & F The Land
Service to which attached, 4-4
Name and rank of commanding officer,
Beautille I'm
Name and position of observer,

Notes relating to station no. 1669.

2 seattle & Coral

Crate Spain - Equin

Scarlop Shule arrand minh

coral, a few smert Frhanders

and July Fresh, Julia lump

Springer

Station No. 1875
Date, Dept 25 1893
Time of day, 12 norn; of tide,
Locality, Leherspeake Bery
Exact position, Cherny clane like Exth & 178 mi
all Plantalin It to SE/48/3/4 miles
Depth, / War
Nature of bottom, which mud & sheels
Dredging instrument used, Beam Janut
Direction of drift, Just ; distance, 1/4 mile
Temperature of air, 8 2 therm. No.,
of surface water, 7 4
· at depth of fathoms, · _
at hottom,
Density at surface, 1018, temp., 74
" at depth of fathoms,
at bottom,
Number of salinometer, 7 2 4 9
Barometer reading. \$ 0 0 2
State of sky, Clear
Direction of wind, I / ; force.
Rain,
Direction of surface current. ; force,
of bottom "; force,
Name of vessel, Il 57 7 2 2 Swh Hank
Service to which attached,
Name and rank of commanding officer, A Platt
run 26h
Name and position of observer, A A Clear the many
· Machine

NOTES RELATING TO STATION NO. 1870

about I bushel of gelow

lump spones 400 celes shell

Horal Argenia Crabs

Stone arehine spick corne
oyster Hum clam shell,

Jen archine Aspeiler Crabs,

Frank oras fine of ally

Horne of militare list

Station No. 1871-	
Date, Nov 19th. 1893	
Time of day. 11.415 MMO of tide. Ebb	
Locality, Chesapeake Bay	
Exact position, Smithe Phathy MyW /4N	
Tricomics at the wxw 7 miles	
Depth, 7 father and 2 ft	
Nature of bottom, Manual	
Dredging instrument used, Beam Track	
Direction of drift, & W ; distance, //s miles	
Temperature of air. 46 therm. No.,	
of surface water, 52	
" at depth of fathoms, "	
at bottom,	
Density at surface. 1014,0	
" at depth of fathoms, "	
· at bottom, ·	
Number of salinometer.	
Barometer reading. 30,08	
State of sky. Cloudy	
Direction of wind, NOVE; force.	
Rain,	
Direction of surface current, : force,	
" of bottom " force,	
Name of vessel, U, S, S, " Hish Hawk	
Service to which attached. WS 70	
Name and rank of commanding officer. R Marts	
Line sign	
Name and position of observer. CH Chamban	
Side - as B	
Mister afor	

Notes relating to station No. 187/
Trave oras tern & must of
onateral lost but seemed
about 1/2 pek of Roral sponge,
a ferr custs & shring,

Station No. 1872
Date. Or 19" 1893
Time of day, 12.05 PM, of tide, ESA
Locality, Chesapeake Bays
Exact position, Smiths Pt Ct Ho Wx V 3/4 N 1/4 miles Wicoming Ct Ho STX IT 7 miles
Micanies Choto SWX 7 gniles
Depth. Staths
Nature of boltom, Chart
Dredging instrument used, Coyston Bucker
Direction of drift, W ; distance, 1/8 miles
Temperature of air, 48 therm. No.,
of surface water, 52
" at depth of fathoms, "
at bottom,
Density at surface, 1014.0 temp., 52
" at depth of fathoms, "
4 at bottom,
Number of salinometer, _
Barometer reading. 3008
State of sky. Chresty
Direction of wind,
Rain,
Direction of surface current, ; force,
of bottom ; force,
Name of vessel, Fish Hawk
Service to which attached, & f
Name and rank of commanding officer, R Platt
Levin Elm Chomoly
Name and position of observer, CATLANDER
Tune up

NOTES RELATING TO STATION NO. 1872

Obtained one Oyster 1/2 peck

of Corol Spring & served small

States the largest orieghing about

8 lbs

Station No. 187 3
Date, Arr 19" 1893
Time of day, 12.20 Pin: of tide, 6 56
Locality, Chesapeak Bay
Exact position, Smiths Pt Chips NWx 77/80
Vicimia St the Strx W/km 7/2 mil
Depth. 16 faths
Nature of bottom, Steeky
Dredging instrument used, Onstor Dudge
Direction of drift, NX W; distance, 1/8 mile
Temperature of air, 450 therm. No.,
of surface water, 5-2-
" at depth of fathoms, "
" at bottom,
Density at surface, 1014,0 temp.,52
at depth of fathoms,
" at bottom,
Number of salinometer,
Barometer reading. 30,08
State of sky. Cloudy
Direction of wind, AA & ; force,
Rain.
Direction of surface current, S : force, 2
" of bottom " ; force,
Name of vessel, high Hack
Service to which attached, 24 4 6
Name and rank of commanding officer, Of Color
Simil Up amay
Name and position of observer. CHelianelan

Obtained 1/2 bushed Coral Springe & dead grass, alow three live Oysters with spate + a for dead Oyster sheeld

Station No. 1874	
Date, Ohr 19" 1893	
Time of day. / 2,45 PM of tide,	Floods
Locality, Chesapeake Ba	y mi
Exact position Smiths Of State	6 mm21/8
vicomic St the SW1/2 W	
Depth, 15 facts	
Nature of bottom, Sticky	
Dredging instrument used, Oyst.	Dudge
Direction of drift,; distance	ce, 1/8 mile
Temperature of air, 48	therm. No.,
of surface water, 52	14
" at depth of fathoms,	
" at bottom,	44
Density at surface, 10 13.0	temp., 52
" at depth of fathoms,	4.4
" at bottom,	֥
Number of salinometer,	
Barometer reading, 30 08	
State of sky. Classical	
Direction of wind, ANE; force,	5
Rain,	
Direction of surface current,	force,
1-	force,
Name of vessel, Fish Hawk	
Service to which attached, Uf 7	Osmmison-
Name and rank of commanding officer,	Maio
Link Up Comde	
Name and position of observer, ONC	leanton
Mate Elfr	N -

Dreage Came up fuce of Colack much and little deal grass

	Station No. 1875
	Date, elleh 19" 189 4
	Time of day, 11,50 am, of tide, 666
	Locality, Lynnhaum Bry
	Exact position, Cape Henry SIH 686
ς	Themble Shoal UN TY
	Depth, If fath and oft
	Nature of bottom, hard Stucky
	Dredging instrument used, 7 ft Beam Trawl
	Direction of drift, & & & ; distance / mile
	Temperature of air, 79 therm. No.,
	of surface water, 5%
	at depth of fathoms,
	" at bottom,
	Density at surface, 1014,6 temp., 52
	" at depth of fathoms,
	at bottom,
	Number of salinometer,
	Barometer reading. \$0,06
	State of sky, Clear
	Direction of wind, SSN; force, 3
	Rain,
	Direction of surface current, ; force, _
	" of bottom "; force,
	Name of vessel, Fish Hawking
	Service to which attached, left to Charles Name and rank of commanding officer, R Platte
	Name and rank of commanding officer, R Valle
	et asn
	Name and position of observer, CHEliandana
	Mate lifn

NOTES RELATING TO STATION NO. 1875

a few crabs. I small Hounder about a quart of shring, and a for dear sea shrele a little sea grass-Gorgonia Bryogoa

Station No. 1876
Date, elleh 19" 1894
Time of day. 1205 PM, of tide, 666
Locality, Lynham Bay
Exact position, Cape Menny Strette SEXE 1/2
Themble Sheal St. H. NWX W
Depth, & fath
Nature of bottom, Voft Blecky
Dredging instrument used, 7-ft Beam Jeans
Direction of drift, 76 ; distance, 1/8 mile
Temperature of air, 79 therm. No
" of surface water, 52 "
at depth of fathoms,
" at hottom, "
Density at surface, 1014,6 temp.,52
" at depth of fathoms, "
44 at bottom,
Number of salinometer,
Barometer reading, 30,06
State of sky, Clean
Direction of wind, SSA; force, S
Rain,
Direction of surface current, _ ; force,
" of bottom "; force,
Name of vessel, Fish Hush
Service to which attached, & F. C
Name and rank of commanding officer, Roller
diene Ufr
Name and position of observer, CHCleasolene
Mate Use

one grung Hake about 6 mehrs
long - I grung Hake about 6 mehrs
2 ceabor I small chake about
21/2 mehre in length
There Kinds If Haunders

Station No. 1877
Date, March 28" 1894
Time of day, 11,18 am; of tide, Horas
Locality, Chesperker Bay (mouth)
Exact position, Cape Henry Ith bearing
5 3/8 6 Gray dish 1 1/2 miles
Depth, // factor
De Mar
Dredging instrument used, 7 fr Beam France
Direction of drift, or 1/2 mile ; distance, 1/8 mile
Temperature of air, 40 therm. No.,
" of surface water, 47
" at depth of fathoms, "
at bottom,
Density at surface, 1016.0 temp., 47
" at depth of fathoms, "
at depth of fathoms, " at bottom, "
" at bottom, " Number of salinometer, Barometer reading. 30 7/
" at bottom, " Number of salinometer, Barometer reading. 30 7/
" at bottom, " Number of salinometer,
at bottom, " Number of salinometer, Barometer reading. 30 7/ State of sky, Class
" at bottom, " Number of salinometer, Barometer reading. 307/ State of sky, Claw Direction of wind, 656; force, 3
" at bottom, " Number of salinometer, Barometer reading. 30 7/ State of sky, Class Direction of wind, 65 5 6; force, 3 Rain, Direction of surface current, ; force, " of bottom " ; force,
" at bottom, " Number of salinometer, Barometer reading. 307/ State of sky, Class State of sky, Class Direction of wind, 656; force, 3 Rain, Direction of surface current, ; force, " of bottom " ; force, Name of vessel, Fish Hauk. Service to which attached, 20, 5, 5, Cammunean
" at bottom, " Number of salinometer, Barometer reading. 30 7/ State of sky, Class State of sky, Class Direction of wind, 6 5 6; force, 3 Rain. Direction of surface current, ; force, " of bottom " ; force, Name of vessel, Fish Hank. Service to which attached, 20, 5, 5, Canadamana. Name and rank of commanding officer, R Platter.
Number of salinometer, Barometer reading. 307/ State of sky, Class Direction of wind, 656; force, 3 Rain, Direction of surface current, ; force, "of bottom "; force, Name of vessel, Fish Hank. Service to which attached, 20, 5, 5, Communication Name and rank of commanding officer, Relational Name and position of observer, Chilleand
" at bottom, " Number of salinometer, Barometer reading. 30 7/ State of sky, Class Direction of wind, 65 6; force, 3 Rain, Direction of surface current, ; force, " of bottom " ; force, Name of vessel, Fish Hank. Service to which attached, 20, 5, 5, Communication. Name and rank of commanding officer, R Plate.

NOTES RELATING TO STATION NO. 1877. Obtained show home chushel of gellow dump Openge - 3 Skatis 2 gtz of slar fish (small sery) a for sport fish Shrimpe a for Numbra Coral, a for Numbra Coral, and sea base 1 diminuin Flumen

Station No. 1878	
Date, Meh 28° 189 24	
Time of day. 1/240a Minof tide, Flora	
Locality, Ohisaprotes Bay (mutto)	
Exact position, Cape Honny This hear	
S'/r Woman 4 dist 13/4 miles	
Depth, // fathe	
Nature of bottom, Stierry	
Dredging instrument used, 7 gr Bean France	6
Direction of drift, 1/277; distance, 1/8 mile	
Temperature of air, 49 therm. No	
" of surface water, 47	
" at depth of fathoms, "	
" at bottom, "	
Density at surface, 1016.0 temp., 47	
" at depth of fathoms, "	
at bottom,	
Number of salinometer,	
Barometer reading. 30 7/	
State of sky. Cliar	
Direction of wind, & VE; force, &	
Rain.	
Direction of surface current, ; force,	
" of bottom " : force,	
Name of vessel, Just Hajok	
Service to which attached, Uf 7, C Name and rank of commanding officer, R Plant	
Or refu	
Name and position of observer, OHCharland	
V1 57. (1 6.)	
is for agri	

Attained about a bushel of yellow lump spong. 3 Status of yellow lump spong. 3 Status of yellow him he are againg show 2 there is hought 2 there of and 2 perh of and a find Hermit Craba

Station No. 1879
Date, elleh 28 1894
Time of day. //,55am: of tide, Flow
Locality, Chesapeake Bay (mouth)
Exact position. Cape Henry & As bearing
5 /2 Econes dist 11/4 miles
Depth. Il factor and off
Nature of bottom, hards
Dredging instrument used, 7 ft Beam Frame
Direction of drift, W/2 W; distance, /8 mile
Temperature of air. 46 therm. No.,
" of surface water, 47 "
at depth of fathoms
" at bottom,
Density at surface. 1016.0 temp., 47
" at depth of fathoms, "
· at bottom.
Number of salinometer.
Barometer reading. 307/
State of sky, Clear
Direction of wind, 656; force, 3
Rain.
Direction of surface current, ; force,
of bottom : ; force,
Name of vessel, Fish State K
Service to which attached. 25 70
Name and rank of commanding officer, R Platt
Or refu
Name and position of observer, CH Cleuseland
Motor Want

NOTES RELATING TO STATION NO. 1879

Obtained 1/2 bushe of gellow lump spring. a number of Pepe fish gains Aske grung Frances a for shrimps yotar fish also Nermit Crabe - 1 Conch

Station No. 1886	
Date, elleh 28" 1894	
Time of day. 12 80 PM of tide, How	
Locality, Chesaperka Bany	
Exact position, Cape Honry 2+ Ho bearen	
\$ 6 × 6 8/4 6 (my) dist 2 1/4 m	
Depth, 6 dashr	
Nature of botton. Charles	
Dredging instrument used. 1 1 Bears France	of
Direction of drift, N 7 ; distance, 1/2 mil	U
Temperature of air. #16 therm. No.,	
· of surface water, 46 ··	
" at depth of fathoms, "	
at hottom,	
Density at surface. / 0 /5.0 temp., 46	
" at depth of fathoms, "	
" at bottom	
Number of salinometer.	
Barometer reading, \$67/	
State of sky. Clear	
Direction of wind, 656; force, &	
Rain,	
Direction of surface current, : force,	
" of bottom " ; force,	
Name of vessel. Fish Hawk	
Service to which attached, & T 7 0	
Name and rank of commanding officer, R Platt)
St Ulm Comole	
Name and position of observer, CACLER TO ALL	0
Mate lynn	

NOTES RELATING TO STATION NO. 6 50 Jang Hake about to maker long. Shrimp, Hermit Crabo, Dilon Sides Pipe fish Station No. 1881

RECORD OF DREDGING,

Date, elleh 28-1894
Time of day, 12 50 PM of tide, How
Locality, Lynnhaus Bay
Exact position Cape Honey It Ho bearing
8 5 6 /46 dist 3 /4 miles
Depth. 4 faths an 3 feet
Nature of bottom, hard
Dredging instrument used. 7 91 1 1000 June
Direction of drift, : distance,
Temperature of air, 47 therm. No.,
" of surface water, 48 "
·· at depth of fathoms. ··
" at bottom,
Density at surface. 1014.6 temp., 48
** at depth of fathoms,
" at bottom.
Number of salinometer,
Barometer reading. 30.67
State of sky. Olean
Direction of wind, & & & ; force, 4
Rain,
Direction of surface current. : force,
of bottom : force,
Name of vessel. Tish Maco
Service to which attached, UST Communication
Name and rank of commanding officer, R Platt
Name and position of observer, CH
Name and position of observer,
Mate light
U

NOTES RELATING TO STATION NO. 1881

Olitainer - 2 Cests - 4 about 1

gh of Thrimps - 6 small Hake
a for silver sides - Star fish
I dimension Flaunder

Station No. 1882

RECORD OF DREDGING,

Date, afroil 24 -1894
Time of day. 10:15 an of tide, 1/2 post
Locality, Vicinity Levis Shoat . Lour- Cles 3, Va
Exact position. Back wer St. Holo Funble Son Mor 17-03
Thinkle Shoul It ha to Cld Pt Comfort St. 49 to
Depth, 6 - 1
Nature of bottom, Marine of Line
Dredging instrument used.
Direction of drift, ; distance.
Temperature of air. 5 therm. No.,
of surface water,
" at depth of fathoms. "
at bottom,
Bensity at surface. temp.,
" at depth of fathoms.
" at depth of fathoms. " " at bottom. "
" at bottom. " Number of salinometer, Barometer reading.
" at bottom. Number of salinometer, Barometer reading. State of sky,
" at bottom. " Number of salinometer, Barometer reading.
" at bottom. Number of salinometer, Barometer reading. State of sky,
" at bottom. Number of salinometer, Barometer reading. State of sky, Direction of wind, (; force,
" at bottom. Number of salinometer, Barometer reading. State of sky, Direction of wind, (; force, Rain, Direction of surface current. : force, " of bottom " ; force,
" at bottom. Number of salinometer, Barometer reading. State of sky, Direction of wind, (; force, Rain, Direction of surface current. : force,
" at bottom. Number of salinometer, Barometer reading. State of sky, Direction of wind, (; force, Rain, Direction of surface current. : force, " of bottom " ; force, Name of vessel, Fish Hawk. Service to which attached, 2055, Quantitative.
" at bottom. Number of salinometer, Barometer reading. State of sky, Direction of wind, (; force, Rain, Direction of surface current. : force, " of bottom " ; force, Name of vessel, Fish Hawk. Service to which attached, 2155, Quantum Name and rank of commanding officer, R Platto
" at bottom. Number of salinometer, Barometer reading. State of sky, Direction of wind, (; force, Rain, Direction of surface current. : force, " of bottom " ; force, Name of vessel, Fish Hawk. Service to which attached, 2055, Quantitative.

NOTES RELATING TO STATION NO. 1882

Station No. 1883	
Date, Otr. or av	. /
Time of day, 10145 A.M. of tide,	2000
Locality, July Charles	
Exact position, seck 2. It hate Themit	Should Ho 21-53
Thinkle Shoot St how to Old PE. Com	Jost 14 No 27-5
Depth, J - 7/	
Nature of bottom, V - V	
Dredging instrument used, 7 a col	
Direction of drift, ; distan	ce,
Direction of drift, ; distant	therm. No.,
of surface water.	
at depth of fathoms,	
at bottom,	
Density at surface,	temp.,
" at depth of fathoms,	-4
" at bottom.	.1
Number of salinometer,	
Barometer reading.	
State of sky,	
Direction of wind, \(\square\); force,	·V
Rain.	
Direction of surface current,	force,
Name of vessel, Fish H	force,
Service to which attached, & S 3	0
Name and rank of commanding officer,	Pobl-Vlato
N L. Wen Cameles	
Name and position of observer, 776	Tolhaupli

a.

Station No. 1684
Date. Que 18_1894
Time of day. 2 PM : of tide, Flore
Locality, Cholora Bank
Exact position, ES E1/8 Sofra Sandy Horn
It Ship distance 12 miles
Depth, 14 faths
Nature of bottom, gravel - Coare Dredging instrument used, 7 ft Bean Teaml
Dredging instrument used, 7 ft Bean Jewel
Direction of drift, ; distance,
Temperature of air, 75 - therm. No.,
of surface water, 7//-
·· at depth of fathoms, ··
at bottom,
Density at surface. 10 23, 0 temp., 71/2
" at depth of fathoms, "
" at bottom,
Number of salinometer, 7052
Barometer reading. 56,02
State of sky. Claudy
Direction of wind, SSM ; force, 4
Rain,
Direction of surface current : force,
" of bottom " : force,
Name of vessel, Fish Hawk
Service to which attached, & F. F. O
Name and rank of commanding officer. Rost Plate
Name and rank of commanding officer. Robb Plack Luit Ufn Cornels Harland
Name and position of observer, CHULARICAN
Mato Eigh
//

obtained about a double of constitute, consisting of grand dead shield. Pepbles 4 stones a fear star fish thermit ceals the states Eggs.

Station No. 1883	
Date, Aug 18" 1894	
Time of day, 2,30 PM of tide.	
Locality, Cholera Bank	
Exact position, & S & 1/8 & gran	Sandy Horse
It Ship dostanes 12 9	miler-
Depth, 121/2 fetho	sheek
Nature of bottom, or Sann What	- Marie
Dredging instrument used.	in the factor of
Direction of drift,: distance,	
Direction of drift,	therm. No.,
of surface water, 71/2	46
at depth of fathoms,	• •
" at bottom, 65	i.
Density at surface, 10 23	temp.,7//2
" at depth of fathoms,	'
ii at bottom.	
Number of salinometer, 70 52	
Barometer-reading. 4002	
State of sky, Churchy	
Direction of wind, OFF ; force. 4	
Rain,	
Direction of surface current, ; for	rce,
of bottom :: for	cce.
Name of vessel, Fish Hawk	-
Service to which attached. & S 70	-
Name and rank of commanding officer, Pol	HY ME
Vinh & En Comità	
Name and position of observer, CACL	and and
Frate ELC	70

NOTES RELATING TO STATION NO. 1885 Obtained about a bushel of great Clan sheet, gelow springs, A for star fish, cand dellars Hermit crabs ya for smell stones, I small Hake about 6 inches in length, a four Pope fish and dead mustle sheets, also for shrympes

Station No. 1886
Date, Aug 18" 1894
Time of day, 2,50 PM of tide.
Locality, Cholina Banks
Exact position, 6561/8 from Dandy Hook
Och Ship distance 12 min
Depth. 14 father
Nature of bottom, gr Sand 45 will
Dredging instrument used, 7ft Beam Frank
Direction of drift, ; distance,
Temperature of air, 75therm. No.,
of surface water, 711/2
" at depth of fathoms. "
at hottom, 67
Density at surface, /0 2 3,0 temp., 71/2
at depth of fathoms,
" at bottom,
Number of salinometer, 70 52,
Barometer reading. 30.02
State of sky, Cloudy
Direction of wind, 577 ; force. 4
Rain.
Direction of surface current, ; force,
" of bottom " : force,
Name of vessel,
Service to which attached, M , 3 C
Name and rank of commanding officer, Rost Plato
Suit Elfor Cando
Name and position of observer, OH Charland
mater Election

NOTES RELATING TO STATION NO. 1866.

Soldened is set 3/4 bushed

of material considing the

Star fish, Sand dockers

deed Clam sheets, I flounder

about 1 ft in length several

Hermit & Spider Crebs

Station No. 1887
Date, Que 180 1894
Time of day, 3.25 PM of tide, Floor
Locality, Cholica Bank
Exact position, & & & 1/8 Sofren Sandy Hr
The Hope distance 12 miles
Depth. /31/2 forms
Nature of bottom, freshed
Dredging instrument used, 7 / B
Direction of drift, ; distance,
Temperature of air, 7 therm. No.,
of surface water, 7/
" at depth of fathoms, "
" at bottom, 66 1/2 "
Density at surface, 623,6 temp., 7/
" at depth of fathoms, "
" at bottom,
Number of salinometer, 70 52
Barometer reading. 30.0 2
State of sky. Cloudy
Direction of wind, 5577; force, 4
Rain,
Direction of surface current, : force,
" of bottom "; force,
Name of vessel, Dish Humk
Service to which attached, Hf FO
Name and rank of commanding officer, Nofth Plate
Suit Ula Comde
Name and position of observer, ON Cleaner me
mate afre
C/

NOTES RELATING TO STATION NO. 1887

Obtained about 2 Sushed of
Onetower consisting of 3 rocks

mighing about 5 Vlb. Lach

Frank over time a consideration,
a quantity of star fock over

Causet - 2 Curners I small

Flunder - 1 Hake about 6 mehrs
in length a for humber crabe
and dead Clam sheets

Station No. 1888
Date, aug 23" 1894
Time of day. A a W: of tide, 666
Locality, Long Island Vinno
Exact position. Plum Isla &+ X Lyna Al 31-99 5
Type PISt & Comfule It Ship 34 48'
Depth, 17 1/2 faths
Nature of hottom, Ir Sand & Rebbles
Dredging instrument used, 7th Beam Jerwel
Direction of drift,; distance,
Temperature of air, 69 therm. No.,
" of surface water, 70
" at depth of fathoms, "
" at bottom, 69 1/2
Density at surface, /022 temp., 70
at depth of fathoms,
_ " _ at bottom,
Number of salinometer, 70 5 2
Barometer reading. 36,//
State of sky, Clim
Direction of wind, WSW; force, &
Rain,
Direction of surface current, ; force,
" of bottom " ; force,
Name of vessel, Fish 36 24
Service to which attached, L. C.
Name and rank of commanding officer,
Lunt USW
Name and position of observer, ON Clean Contents
mate life

NOTES RELATING TO STATION NO. 1888 Obtained about 1/2 bushel of meline consisting of gellow lump sponge Kelp . Corst and a foor small orabe, one of the bitte to frame of Frank was broken

1889	
Station No. 1889 Date, aug 28°1894	
Date,	A Chan
Time of day, 11.2 5 AM of tide,	9 0.
Locality, Locality, Locality, Locality,	12 N. 14 m
Exact position Long beach Bar & Slum Selens St & Lynes Pros	15 8 com vac /9
dum Soleni at to dynder to	96 34
Depth. 17 Files	
Nature of bottom, Jy 5 7 115	lerai _
Depth. 17 ft. San Street Nature of bottom, Gy Street Dredging instrument used. Dredging instrument used.	
Direction of drift, ; distant	
Temperature of air. 69	therm. No.,
of surface water, 70	
· at depth of fathoms.	
at hottom.	vi
Density at surface, 1022,0	temp.,70
at depth of fathoms,	**
" at bottom,	b w
Number of salinometer, 7052	
Barometer reading. 30.//	
State of sky. Clear	
Direction of wind, 7 5 7 : force.	. 3
Rain,	
Direction of surface current,	force,
" of bottom " :	force.
Name of vessel, Fish Haw	K
Service to which attached, & 5-77	0
Name and rank of commanding officer	off place
Seut Um	
	36
Name and position of observer.	
Mitte ly	W .
7/	

NOTES RELATING TO STATION NO. 1889 consisting of Keep small crops and winkles - skets eggs.

Station No. / 2 / 2
Date, aug 23" 1894
Time of day. 11. 40 Am : of tide, 6 66
Locality, Long Island Saune
Exact position Long beach Bor It to Plum & Et
Plum Joh Haynew Pt Strg 8°47'
Depth. 18 gama
Nature of bottom, gr Asun 4 Shut.
Dredging instrument used, 7 ff Bram France
Direction of drift, ; distance,
Temperature of air 7 4 therm. No.,
of surface water. 70
·· at depth of fathoms, ··
" at hottom, 69 1/2 "
Density at surface. 1022 temp., 70
" at depth of fathoms, "
at bottom,
Number of salinometer, 70 2
Barometer reading. 80,//-
State of sky. Clear
Direction of wind, Tr J W; force, 3
Rain.
Direction of surface current, - ; force,
of bottom - : force,
Name of vessel, Sish Hant
Service to which attached, H 7 C
Name and rank of commanding officer.
Name and position of observer, Chi Chit
mitto agu

NOTES RELATING TO STATION NO. 890 Obtained about a peck of material consisting of gellow Otring sporner a give Ottates & flundors - Keeps I camp scape - Spider scapes & fore gaing sea arbins

Station No. 107
Date, 23" 1894
Time of day 12 7 mm : of ride 6 56-
Locality, Long Ward Towns
Exact position, Engleach Bor Eth Plan Isl 977
Your John Let Kaynow Philip g 80 47
Depth, 18 factor
Viture of bottom or vana frances
Dredging instrument used.
Direction of drift, distance,
Temperature of sir, 74 therm. No.,
" of surface water, 70 "
·· at depth of fathoms, ··
" at bottom, 69 - "
Density at surface, 10 2-2,0 temp., 70
" at depth of fathoms, "
at bottom.
Number of salinometer,
Barometer reading.
State of sky. Clear
Direction of wind, MSM; force, 3
Rain,
Direction of surface current, : force,
of bottom : force.
Name of vessel, Fish Hause
Service to which attached, & FO
Name and rank of commanding officer, Robb Plant
um eign
Name and position of observer ON Cleavelant
Mete lefn
7.0

NOTES RELATING TO STATION NO. /89/.

Obtainer about 1/2 busher of matine Consisting of yellow spring. a four omsel squise small star fish. Dead onussel theres. Speak Crabe. young skup / Batter fish. Skith eggs.

Humit Crabs.

Station No. 1892

RECORD OF DREDGING,

TEMPERATURE AND DENSITY.

Date, Aug 23 1894
Time of day, 12,20 PM: of tide, Floor

Locality, Long Isla Franco
Exact position, Long beach Bar It & Plum & It 7 6
Hum de It Khynas Pt IL 102°02
Depth. 191/2 feets
Nature of bottom, gr Sana & Shells
Dredging instrument used, 7 ft Bean France
Direction of drift, : distance,
Temperature of air, 7 5 therm. No.,
of surface water, 70
at depth of fathoms,
" at bottom, 691/2. "
Density at surface. 10 22.6 temp., 70
" at depth of fathoms,
" at bottom,
Number of salinometer, 70 52
Barometer reading, 30 //
State of sky. Clear
Direction of wind, MSW; force, 2
Rain.
Direction of surface current, : force,
" of bottom " ; force,
Name of vessel, wish of swh
Service to which attached,
Name and rank of commanding officer,
Stufn
Name and position of observer, OH Chareland
mate ago

NOTES RELATING TO STATION NO. 1892

Obtained about 1/2 bushed of
material, Consisting of small
square Speak Crots, gulor
finger springe I rawl was tren
and some of material list

Station No. 1893
Date, Aug 23" 1894
Time of day, 1.35 PM of tide, Flore
Locality, Long Island Vanno
Exact position, Plum It- North onen 2454 50
herraneon & Taybrook Lt 78° 15
Depth. 38 Lart
Nature of bottom, gr Sand Wolk Spicks
Nature of bottom, gr Sand Wolk Spicks Dredging instrument used. Dudy
Direction of drift, ; distance,
Temperature of air, 80 therm. No.,
of surface water, 69
" at depth of fathoms, _ "
" at bottom, 70
Density at surface, 1022 temp., 69
" at depth of fathoms,
"_ at bottom, "
Number of salinometer, 70 52
Barometer reading. 3011
Barometer reading. 3011
Barometer reading. 1911 State of sky.
Barometer reading. 3011 State of sky. Direction of wind, 77 577; force. 3
Barometer reading. 301/ State of sky. Direction of wind, 77 577; force. Rain, Direction of surface current, ; force,
Barometer reading. 301/ State of sky. Direction of wind, 77 577; force. Rain, Direction of surface current, ; force, of bottom ; force, Name of vessel. Fish Hawk,
Barometer reading. State of sky. Direction of wind, TY ITY; force. Rain, Direction of surface current, ; force, of bottom ; force, Name of vessel. Service to which attached, Uf File.
Barometer reading. State of sky. Direction of wind, TY IT; force. Rain. Direction of surface current, ; force, of bottom ; force, Name of vessel. Service to which attached, left The Name and rank of commanding officer, Robb Class
Barometer reading. State of sky. Direction of wind, TY ITY; force. Rain, Direction of surface current, ; force, of bottom ; force, Name of vessel. Service to which attached, Uf File.
Barometer reading. State of sky. Direction of wind, TY IT; force. Rain. Direction of surface current, ; force, of bottom ; force, Name of vessel. Service to which attached, left The Name and rank of commanding officer, Robb Class

Abund and grown a for send deless x sheets

Station-No. 1894
Date, auf 23"/894
Time of day 150 PM; of tide, Flord
Locality, Long Isla Sound
Exact position, Plum gut Prace 17 17-42,4
Plum Isla The Herrhonder The 86° 00
Depth, 53 faction
Nature of bottom, MA or clay
Dredging instrument used, Tyl Burn France
Direction of drift, Will ; distance,
Temperature of air, 78 therm. No.,
of surface water, 69
" at depth of fathoms, "
" at bottom, 47
Density at surface, 10220 temp., 69
" at depth of fathoms, "
" at bottom,
Number of salinometer, 7052
Barometer reading. 30/0
Barometer reading. 30/0
Barometer reading. 30/0 State of sky,
Barometer reading. 30/0 State of sky, Direction of wind, 7724 ; force, 3
Barometer reading. 30/0 State of sky, Direction of wind, 7/2/2/2 ; force, Rain, Direction of surface current, ; force, "of bottom " ; force
Barometer reading. 30/0 State of sky. Direction of wind, 7/2/7 ; force, Rain, Direction of surface current, ; force,
Barometer reading. 30/0 State of sky. Direction of wind, 7/22 ; force. Rain, Direction of surface current, ; force, "of bottom "; force, Name of vessel, High exterior to which exterior to
Barometer reading. 30/0 State of sky. Direction of wind, 7/22 ; force, Rain, Direction of surface current, ; force, "of bottom "; force, Name of vessel; History Wash. Service to which attached, Name and rank of commanding officer, Roll of act
Barometer reading. 30/0 State of sky. Direction of wind, Arab ; force, Rain, Direction of surface current, ; force, "of bottom "; force, Name of vessel, Service to which attached, Name and rank of commanding officer, Roll of Mark Link Uff
Barometer reading. 30/0 State of sky. Direction of wind, 7/22 ; force, Rain, Direction of surface current, ; force, "of bottom "; force, Name of vessel; History Wash. Service to which attached, Name and rank of commanding officer, Roll of act

Obtained about one dashed of meterial consisting of crabe Skates. Filamours. Hake Dea Robins Winkles Squid

Station No. 1895
Date. aug 23" 1894
Time of day, 2,30 Pm; of tide, How
Locality, Long Island Found
Exact position, Plum & know Condon St 48° 2
nerdandn todaybrok & 74,5-5
Depth, 2 2 factors
Nature of bottom, gr Sann Pebblis
Dredging instrument used, 7 th Beam Frank
Direction of drift, ; distance,
Temperature of air, 78 therm. No.,
" of surface water, 69
" at depth of fathoms, "
" at bottom, 70
Density at surface, 1022, temp.,69
" at depth of fathoms, "
" at bottom,
Number of salinometer, 7052
Barometer reading. 3010.
State of sky,
Direction of wind, 77 ; force, 3
Rain,
Direction of surface current, ; force,
" of bottom " _ ; force,
Name of vessel, "Fish Nawk
Service to which attached, of firstman
Name and rank of commanding officer,
Luin Ufer
Name and position of observer, A M des sulasmo
On - dilli

NOTES RELATING TO STATION NO. 1895

Obtainer about 1/2 bushel of material consisting of crashe Conche. minkles Houndard Skates Sheels Land dollars Hermit crabes

Station No. 1579	
Date, any 25" 189	4
Time of day, 3 cm; of tide,	Florico
Locality, Long Isld Lun	10
Exact position, Plum & Let June	
Lette guel F. Lynn Pt 1	
Depth. 19 Cartes	
Nature of bottom, gr Land Hol	K Speeks
Dredging instrument used, 7 4 3	can France
Direction of drift, ; dista	ance,
Temperature of air, 79	therm. No
of surface water,	**
" at depth of fathoms,	
4 ar bottom, 69	
Density at surface, 10 22	_temp., 69
" at depth of fathoms,	11
at bottom,	**
Number of salinometer, 7052	
Barometer reading, 80/0	
State of sky, Clear	
Direction of wind, West; force	е, У
Rain,	
Direction of surface current,	; force, _
of bottom "	; force,
Name of vessel, Fish Hawk	
Service to which attached, Hof &	Commissión
	Cot Plant
Shuit defor	
Name and position of observer,	leaneland)
mate &	you

NOTES RELATING TO STATION NO. 1896

Obtained about 1/2 bushed of
material consenting of Attates
Houndard - Dead Shelled - crabe,

Station No. 167
Date, Aug 23" 1894
Time of day, 3.15 PM; of tide, Vilous
Locality, & my Island Sound
Exact position Gardner & # Plum & 23° 40
Plum I faynde Pt 108203
Depth, 19 faiths and of it
Nature of bottom, hard
Dredging instrument used, 7 ft Beam Frank
Direction of drift, ; distance,
Temperature of air, 79 therm. No
" of surface water, 69 "
" at depth of fathoms, "
" at bottom, 79
Density at surface, 1022 temp69
" at depth of fathoms,
_ " at bottom,
Number of salinometer, 70 52
Barometer reading, 30,10
State of sky, Olian
Direction of wind, West ; force, 4
Rain,
Direction of surface current, ; force,
of bottom "; force,
Name of vessel, Tish Hawking
Service to which attached, Wy
Name and rank of commanding officer. Roll Place
NIL KUKA
Name and position of observer, OH Cleur laws
mate Upn

Notes RELATING TO STATION NO. 1897

Obtainer about 1/2 busher of
meteral Consisting of Small
Houndard Squid Eggs Sead

Sheets yellow thing sponger

Travel got caught, supposed

Rock

Station No. 1898	
Date, aug 23" 1894 .	
Time of day, 3,30 PM; of tide, Hood	,
Locality, Long Island Sund	
Exact position, Gardners to the Plum & 2	
Plum Island to Lynde Pt- 109° 2	5
Depth, 19 gaths	
Nature of bottom. Kark	
Dredging instrument used, 7 fr Beam Le	ewl
Direction of drift, ; distance,	
Temperature of air, 79 therm. No	* 5
of surface water, 69	
" at depth of fathoms, "	
" at bottom, "	
Density at surface, 1022 temp6	9
" at depth of fathoms,	
" at bottom, "	
Number of salinometer, 7052	
Barometer reading. 3010	
State of sky, Clear	
Direction of wind, 7 ; force, 4	
Raiu,	
Direction of surface current, ; force,	
" of bottom "; force,	
Name of vessel, Fish Hawk	
Service to which attached, Uf 70	
Name and rank of commanding officer, Robb Man	it
Name and position of observer, Office and	nel

NOTES RELATING TO STATION NO. 1898

Obtained about 1/2 boshel of
material consisting of Skates
crabe Dead Shelle-gellow
Iting springer Hermit Crabe