~~1809~~

1809

to

1828

Fish Hawk
Chesapeake Bay
1892-1893

Jul 1892

ORIGINAL LOG BOOK OF THE "FISH HAWK"

UNITED STATES FISH COMMISSION

STATION NUMBERS

Numbers 1809 to 1828

1809 S S X E Plantation Flats
N E Chempstone at Ho

Ships Head S W X S

1810

Ships Head N W 1/2 W
C P Flat S E 1/2 E ✓
Chempstone E N E

1811

Ships Head N X W 1/2 W
New Point S W X W
Wolf Trap N W X N

1812

Ships Head S X N 1/2 N
W W Rock N E X N ✓
Sting [illegible] W X S

RECORD OF DREDGING,

TEMPERATURE AND DENSITY.

Station No. 1209

Date, November 8th 1892

Time of day, ~~4~~ 9.20 PM ; of tide, Flood

Locality, Chesapeake Bay

Exact position, Plantation Site No SE x E 1/4 mile

Cherystone Site No NE 3/4 E 2/8

Depth, 13 fths

Nature of bottom, Sticky

Dredging instrument used, 7th Beam Trawl

Direction of drift, E x S ; distance, 1/8 mile

Temperature of air, 60 therm. No.,

" of surface water, "

" at depth of fathoms, "

" at bottom, "

Density at surface, 10.200 temp., 53

" at depth of fathoms, "

" at bottom, 10220 " 57

Number of salinometer,

Barometer reading, 30-18

State of sky, Cloudy

Direction of wind, SW ; force, 3

Rain,

Direction of surface current, ; force,

" of bottom " ; force,

Name of vessel, 2676 Str Fish Hawk

Service to which attached, 2676

Name and rank of commanding officer,

Robert Platt Lt Comdr

Name and position of observer,

J M Leighton

Ensign USN

NOTES RELATING TO STATION NO. 1809

Cusakers Flounder
1 Starfish Blue crabs Hermit
crabs

RECORD OF DREDGING,

TEMPERATURE AND DENSITY.

Station No. 1810

Date, November 8 1892

Time of day, 9.45 Am; of tide, Flood

Locality, Chesapeake Bay

Exact position, ½ mile SW x W of Red Buoy No 8

Depth, 24 fathoms

Nature of bottom, Hard

Dredging instrument used, Fish Beam Trawl

Direction of drift, E x E ; distance, ½ mile

Temperature of air, 60 therm. No.,

" of surface water, "

" at depth of fathoms, "

" at bottom, "

Density at surface, 1020.0 temp., 54

" at depth of fathoms, "

" at bottom, 1021.6 " 58

Number of salinometer,

Barometer reading, 30.18

State of sky, Cloudy

Direction of wind, SW ; force, 3

Rain,

Direction of surface current, ; force,

" of bottom " ; force,

Name of vessel, U.S.F.C. Fish Hawk

Service to which attached, U.S.F.C. Comm

Name and rank of commanding officer,

Robert Platt Lt USN

Name and position of observer,

Jas Livingston
Master U.S.F.C.

NOTES RELATING TO STATION NO. 1610

Hog chokers or eels, 2 kinds of, Star fish
Sea urchins, Whitings, Lyngbyanet
Crabs = Neptunus gibbesii

RECORD OF DREDGING,

TEMPERATURE AND DENSITY.

Station No. 1871

Date, November 8th 1892

Time of day, 11.04 Am ; of tide, Flood

Locality, Chesapeake Bay

Exact position, New Pt Lt Ho W 1/8 S 5/4 miles

Wolf Trap Lt Ho N x W 4 7/8 "

Depth, 6 fths

Nature of bottom, Hard

Dredging instrument used, Beam Trawl

Direction of drift, SE W ; distance, 1/8 mile

Temperature of air, 66 therm. No.,

" of surface water, "

" at depth of fathoms, "

" at bottom, "

Density at surface, 10182 temp., 58

" at depth of fathoms, "

" at bottom, 10194 " 58

Number of salinometer,

Barometer reading, 30.18

State of sky, Cloudy

Direction of wind, SW ; force, 2

Rain,

Direction of surface current, ; force,

" of bottom " ; force,

Name of vessel, U.S.F.C. Str Fish Hawk

Service to which attached, U.S. F.C.

Name and rank of commanding officer,

Robert Platt Lt U.S.N.

Name and position of observer,

J. Loughton

Mate U.S.N.

NOTES RELATING TO STATION NO. 1811

Spots whitings flounders
yings croaker, 1 trout

RECORD OF DREDGING,

TEMPERATURE AND DENSITY.

Station No. 1812

Date, November 8th 1872

Time of day, 1 PM ; of tide, Flood

Locality, Chesapeake Bay

Exact position, 1/2 mile N 87° E of Stingray Pt Lt Ho

Depth, 4 fathoms 5 feet

Nature of bottom, Hard

Dredging instrument used, Beam trawl

Direction of drift, NNW ; distance, 1/8 mile

Temperature of air, 64 therm. No.,

" of surface water, "

" at depth of fathoms, "

" at bottom, "

Density at surface, 10162 temp., 57

" at depth of fathoms, "

" at bottom, 10164 " 59

Number of salinometer,

Barometer reading, 30.18

State of sky, Cloudy

Direction of wind, NE ; force, 3

Rain,

Direction of surface current, ; force,

" of bottom " ; force,

Name of vessel, U S F C Str Fish Hawk

Service to which attached, U S F C Comm

Name and rank of commanding officer,

Robert Platt Lt U S N

Name and position of observer,

C M Leighton
Master U S N

NOTES RELATING TO STATION NO. 1812

About two dozen small apert
of needles white & small arabs

RECORD OF DREDGING,

TEMPERATURE AND DENSITY.

Station No. 1213

Date, Nov 10th '99

Time of day, 11 30 ; of tide, Flood

Locality, Chesapeake Bay

Exact position,

1½ miles NE x N of Smiths Pt Lt Hse

Depth, 10 fths 2 ft

Nature of bottom, Hard

Dredging instrument used, B V

Direction of drift, SE ; distance, ¼ mile

Temperature of air, 44 therm. No.,

" of surface water, "

" at depth of fathoms, "

" at bottom, " "

Density at surface, 1015.4 temp., 56

" at depth of fathoms, "

" at bottom, 1015.8 " 54

Number of salinometer,

Barometer reading, 29.90

State of sky, Cloudy threatening

Direction of wind, NW ; force, 4

Rain,

Direction of surface current, ; force,

" of bottom " ; force,

Name of vessel, Ves 76 Fish Hawk

Service to which attached, Ves 76

Name and rank of commanding officer,

Robert Platt Lt Comdr

Name and position of observer,

J Lenthem
Mate

NOTES RELATING TO STATION NO. 1813

Flounding Crate
Highbinders

RECORD OF DREDGING,

TEMPERATURE AND DENSITY.

Station No. 1814

Date, March 20th 1893

Time of day, 11.19 AM ; of tide, High Water

Locality, Mouth of Chesapeake Bay
Cape Henry to Hog Island

Exact position, S W ~~by S~~ S dist 1 3/4 miles

Depth, 13 fths

Nature of bottom, Hard

Dredging instrument used, Beam Trawl

Direction of drift, W S W ; distance, 1/4 mile

Temperature of air, 52 therm. No.,

" of surface water, 42 "

" at depth of fathoms, "

" at bottom, "

Density at surface, 1019.2 temp., 42

" at depth of fathoms, "

" at bottom, "

Number of salinometer,

Barometer reading, 30.42

State of sky, Clear

Direction of wind, North ; force, 2

Rain,

Direction of surface current, ; force,

" of bottom " ; force,

Name of vessel, U.S.F.C. Str. Fish Hawk

Service to which attached, U.S.F.C.

Name and rank of commanding officer, Robert Platt
Lt U.S.N.

Name and position of observer,
Jas Houghton
Master

NOTES RELATING TO STATION NO. 1814

Star fish crab shrimp
~~Crab~~ Yellow rock sponge
Crass. 1 Dmy flounder

RECORD OF DREDGING,

TEMPERATURE AND DENSITY.

Station No. 1815

Date, March 20th 1893

Time of day, 11.40 AM; of tide, Ebb Tide

Locality, Mouth Chesapeake Bay

Exact position, Cape Henry St Hobson SW x S distant 1 5/8 miles

Depth, 13 fths 2 feet

Nature of bottom, Hard

Dredging instrument used, Beam Trawl

Direction of drift, S x W 1/2 W; distance, 1/4 mile

Temperature of air, 58 therm. No.,

" of surface water, 43 "

" at depth of fathoms, "

" at bottom, "

Density at surface, 1019.2 temp., 43

" at depth of fathoms, "

" at bottom, "

Number of salinometer,

Barometer reading, 30.42

State of sky, ~~Cl~~ Clear

Direction of wind, North; force, 2

Rain,

Direction of surface current, ; force,

" of bottom " ; force,

Name of vessel, U S F C Str Fish Hawk

Service to which attached, U S F C

Name and rank of commanding officer, Robert Platt Lieut U S N

Name and position of observer, Joseph Knight Master

NOTES RELATING TO STATION NO. 1815

Starfish Jonny Cake
Seaweed sponge, Crabs
Schrimp

RECORD OF DREDGING,

TEMPERATURE AND DENSITY.

Station No. 1816

Date, March 20th 1883

Time of day, 12.13 PM ; of tide, Ebb ~~Flood~~

Locality, South of Chesapeake Bay

Exact position, Cape Henry S SE

distant 1½ miles

Depth, 11 fths 3 fm

Nature of bottom, Hard

Dredging instrument used, Beam Trawl

Direction of drift, S SE ; distance, ¼ mile

Temperature of air, 59 therm. No.,

" of surface water, 43 "

" at depth of fathoms, "

" at bottom, "

Density at surface, 1018.6 temp., 43

" at depth of fathoms, "

" at bottom, "

Number of salinometer,

Barometer reading, 30.41.5

State of sky, Clear

Direction of wind, North ; force, 2

Rain,

Direction of surface current, ; force,

" of bottom " ; force,

Name of vessel, U S F C Str Fish Hawk

Service to which attached, U S F C

Name and rank of commanding officer, Robert Platt

Lieut U S N

Name and position of observer,

J A Leighton

Master

NOTES RELATING TO STATION NO. 1616

Skate Tadpole, Blue crabs
starfish, Shrimp, Skate Eggs
Grass.

RECORD OF DREDGING,

TEMPERATURE AND DENSITY.

Station No. 817

Date, March 28th 1893

Time of day, 12.53 P.M.; of tide, Ebb

Locality, Mouth of Chesapeake Bay

Exact position, Cape Henry E x S 3 miles
Smithsons Bay S S W 1½ miles

Depth, 4 fms 3 ft

Nature of bottom, Hard

Dredging instrument used, Beam Trawl

Direction of drift, S x W ; distance, ¼ mile

Temperature of air, 61 therm. No.,

" of surface water, 44 "

" at depth of fathoms, "

" at bottom, "

Density at surface, 101.7 temp., 44

" at depth of fathoms, "

" at bottom, "

Number of salinometer,

Barometer reading, 30.42

State of sky, Clear

Direction of wind, North ; force, 2

Rain,

Direction of surface current, ; force,

" of bottom " ; force,

Name of vessel, U.S.F.C. Str Fish Hawk

Service to which attached, U.S.F.C.

Name and rank of commanding officer, Robert Platt
Lieut U.S.N.

Name and position of observer,
J M Leighton
Meteorologist

NOTES RELATING TO STATION NO. 1817

Starfish, shrimp and
2 blue crabs. Grass

RECORD OF DREDGING,

TEMPERATURE AND DENSITY.

Station No. 818

Date, March 20th 1893

Time of day, 1.26 P.M.; of tide, Ebb

Locality, Off Southaven Bay

Exact position, Southaven Entrance S X E 1½ miles Cape Henry E X S 6 miles

Depth, 4.5

Nature of bottom, Hard

Dredging instrument used, Beam Trawl

Direction of drift, E X S ; distance, ¼ mile

Temperature of air, 63 therm. No.,

" of surface water, 43 "

" at depth of fathoms, "

" at bottom, "

Density at surface, 1016.18 temp., 43.5

" at depth of fathoms, "

" at bottom, "

Number of salinometer,

Barometer reading, 30.41.5

State of sky, Clear

Direction of wind, North ; force, 2

Rain,

Direction of surface current, ; force,

" of bottom " ; force,

Name of vessel, U S F C S.S. Fish Hawk

Service to which attached, U S F C

Name and rank of commanding officer, Robert Platt Lieut U S N

Name and position of observer,

J M Leighton
Meteorologist

NOTES RELATING TO STATION NO. 1818

Shrimps crabs. Skate eggs
Brasse.

RECORD OF DREDGING,

TEMPERATURE AND DENSITY.

Station No. 1819

Date, March 20th 1893

Time of day, 2.08 PM ; of tide, Ebb

Locality, Chesapeake Bay

Exact position, Fort Wool S W X W 5 1/4 miles
Thimble St Hook S W 4 1/4 miles

Depth, 4.1

Nature of bottom, Sticky

Dredging instrument used, Ream Frame

Direction of drift, S X E ; distance, 1/4 mile

Temperature of air, 63 therm. No.,

" of surface water, 43 "

" at depth of fathoms, "

" at bottom, "

Density at surface, 10.16.6 temp., 44

" at depth of fathoms, "

" at bottom, "

Number of salinometer,

Barometer reading, 30.41

State of sky, Clear

Direction of wind, South ; force, 2

Rain,

Direction of surface current, ; force,

" of bottom " ; force,

Name of vessel, U S F C Str Fish Hawk

Service to which attached, U S F C

Name and rank of commanding officer, Robert Platt
Lieut U S N

Name and position of observer,
Jackson Pilot
Mate U S F C

NOTES RELATING TO STATION NO. 1819

Eight dead blue crabs
Grass. Nothing fit to cover

643

RECORD OF DREDGING,

TEMPERATURE AND DENSITY.

Station No. 1820

Date, March 20th 1893

Time of day, 2.50 PM ; of tide, Ebb

Locality, Chesapeake Bay

Exact position, 7 ft West ~~[illegible]~~ 1/8 W 4 miles Thimble Sot Ho North 3 3/4 Miles

Depth, 3, 2

Nature of bottom, Hard

Dredging instrument used, Beam Trawl

Direction of drift, West W ; distance, 1/8 mile

Temperature of air, 63 therm. No.,

" of surface water, 44 "

" at depth of fathoms, "

" at bottom, "

Density at surface, 1016 temp., 44

" at depth of fathoms, "

" at bottom, "

Number of salinometer,

Barometer reading, 30.41

State of sky, Clear

Direction of wind, North ; force, 2

Rain,

Direction of surface current, ; force,

" of bottom " ; force,

Name of vessel, U.S.F.C. Fish Hawk

Service to which attached, U.S.F.C.

Name and rank of commanding officer, Robert Rathbun Lieut U.S.N.

Name and position of observer,

J. Nelson Fielder on Det

NOTES RELATING TO STATION NO. 1620

1 hermit crab
1 conch a few shrimp

RECORD OF DREDGING,

TEMPERATURE AND DENSITY.

Station No. 1821

Date, March 28th 1893

Time of day, 3.18 PM ; of tide, Ebb

Locality, Thimble St ½ W 1½ miles

Exact position, Thimble St Ho N ½ W 1½ miles

Fort Worth N ½ S 2½ miles

Depth, 3.4

Nature of bottom, Sticky

Dredging instrument used, Beam Trawl

Direction of drift, SW X S ; distance, ⅛ mile

Temperature of air, 62 therm. No.,

" of surface water, 43.5 "

" at depth of fathoms, "

" at bottom, "

Density at surface, 1016 temp., 43.5

" at depth of fathoms, "

" at bottom, "

Number of salinometer,

Barometer reading, 30.41

State of sky, Clear

Direction of wind, South ; force, 2

Rain,

Direction of surface current, ; force,

" of bottom " ; force,

Name of vessel, U S F C Str Fish Hawk

Service to which attached, U S F C

Name and rank of commanding officer, Robert Platt Lieut U S N

Name and position of observer, J. Lenz Pilot Mate Jr

NOTES RELATING TO STATION NO. 1821

4 Menhaden small

Stemps and different kinds of grasses.

RECORD OF DREDGING,

TEMPERATURE AND DENSITY.

Station No. 1822

Date, March 21 1893

Time of day, 9.56 AM ; of tide, Flood

Locality, Chesapeake Bay

Exact position, Plantation Flat Lt H S E x S 1/2 S 1 1/2 miles Cherrystone St H A E 1/2 E 2 1/4 miles

Depth, 15, 1

Nature of bottom, Soft

Dredging instrument used, Beam Trawl

Direction of drift, E x S ; distance, 1/4 mile

Temperature of air, 59 therm. No.,

" of surface water, 42.5 "

" at depth of fathoms, "

" at bottom, "

Density at surface, 10184 temp., 42.5

" at depth of fathoms, "

" at bottom, "

Number of salinometer,

Barometer reading, 30.23

State of sky, Cloudy

Direction of wind, S 2 E ; force, 3

Rain,

Direction of surface current, ; force,

" of bottom " ; force,

Name of vessel, U S F C Str Fish Hawk

Service to which attached, U S F C

Name and rank of commanding officer, Robert Platt Lieut U S N

Name and position of observer,

J M Leighton
Meteorologist

NOTES RELATING TO STATION NO. 1232

Starfish, winkle, shrimp
Hake, fish, bird, crab

RECORD OF DREDGING,

TEMPERATURE AND DENSITY.

Station No. 1823

Date, March 21st 1893

Time of day, 10.22 AM ; of tide, Flood

Locality, Chesapeake Bay

Exact position, Plantation Point Lt SSE 1 1/8 miles

Lexington Point Lt NE 1/2 E 2 miles

Depth, 26 fathoms

Nature of bottom, Hard

Dredging instrument used, Beam Trawl

Direction of drift, E 1/2 S ; distance, 1/2 mile

Temperature of air, 51 therm. No.,

" of surface water, 41 "

" at depth of fathoms, "

" at bottom, "

Density at surface, 1018.4 temp., 41

" at depth of fathoms, "

" at bottom, "

Number of salinometer,

Barometer reading, 30.22

State of sky, Cloudy, drizzling rain

Direction of wind, SSE ; force, 3

Rain,

Direction of surface current, ; force,

" of bottom " ; force,

Name of vessel, U.S.F.C. Str Fish Hawk

Service to which attached, U.S.F.C.

Name and rank of commanding officer, Robert Platt

Lieut U.S.N.

Name and position of observer,

J. Dalrymple

Meteorologist

NOTES RELATING TO STATION NO. 1823

Crabs Hake starfish
Winkles, Dennis's Crabs
Sea cumbers, Pecten shell
with Coral on same, Shrimps
Spider crabs

RECORD OF DREDGING,

TEMPERATURE AND DENSITY.

Station No. 1824

Date, March 21st 1873

Time of day, 10.56 AM ; of tide, Flood

Locality, Chesapeake Bay

Exact position, Plantation Flat Lighthouse SE x E 1 7/8 miles

Cherrystone Lighthouse N E 1 7/8 miles

Depth, 23

Nature of bottom, Hard

Dredging instrument used, Beam Trawl

Direction of drift, E 1/2 N ; distance, 1/4 mile

Temperature of air, 51 therm. No.,

" of surface water, 41 "

" at depth of fathoms, "

" at bottom, "

Density at surface, 1018.4 temp., 41

" at depth of fathoms, "

" at bottom, "

Number of salinometer,

Barometer reading, 30.22

State of sky, Cloudy Drizzling rain

Direction of wind, SSE ; force, 3

Rain,

Direction of surface current, ; force,

" of bottom " ; force,

Name of vessel, U.S.F.C. Str Fish Hawk

Service to which attached, U.S.F.C.

Name and rank of commanding officer, Robert Platt Lieut U.S.N.

Name and position of observer,

Lieutenant Platt
Water Supr

NOTES RELATING TO STATION NO. 1824

Nothing. Set down very badly

RECORD OF DREDGING,

TEMPERATURE AND DENSITY.

Station No. 1825

Date, March 21st 1893

Time of day, 11.33 AM ; of tide, Flood

Locality, Chesapeake Bay

Exact position, Plantation Flat Sta No SE½E 1½ miles Wherystone Sta No NEXE 2¼ miles

Depth, 18.3

Nature of bottom, Stickers

Dredging instrument used, Oyster Dredge

Direction of drift, E½N ; distance, 1¼ miles

Temperature of air, 51 therm. No.,

" of surface water, 41 "

" at depth of fathoms, "

" at bottom, "

Density at surface, 1018.8 temp., 41

" at depth of fathoms, "

" at bottom, "

Number of salinometer,

Barometer reading, 30.22

State of sky, Cloudy ~~Drizzle & fog~~

Direction of wind, SSW ; force, 3

Rain,

Direction of surface current, ; force,

" of bottom " ; force,

Name of vessel, U S F C Str Fish Hawk

Service to which attached, U S F C

Name and rank of commanding officer, Robert Platt Lieut U S N

Name and position of observer, J M Creighton Master U S N

NOTES RELATING TO STATION NO. 182-E

Sea cucumbers Mud

RECORD OF DREDGING,

TEMPERATURE AND DENSITY.

Station No. 1826

Date, March 24 1893

Time of day, 1.08 PM ; of tide, Flood

Locality, Nobjacket Bay

Exact position, New Pt N by W 2 7/8 mile Inkapatcha

Depth, 4.3

Nature of bottom, Hard

Dredging instrument used, Beam Trawl

Direction of drift, East ; distance, 1/4 mile

Temperature of air, 63 therm. No.,

" of surface water, 42 "

" at depth of fathoms, "

" at bottom, "

Density at surface, 30.156 temp., 42

" at depth of fathoms, "

" at bottom, "

Number of salinometer,

Barometer reading, 29.87

State of sky, Ble

Direction of wind, South ; force, 3

Rain,

Direction of surface current, ; force,

" of bottom " ; force,

Name of vessel, U S F C Str Fish Hawk

Service to which attached, U S F C

Name and rank of commanding officer, Robert Platt Lieut U S N

Name and position of observer, Barnes Leighton Meteorologist

NOTES RELATING TO STATION NO. 1826

Barren bottom 4 shrimp

RECORD OF DREDGING,

TEMPERATURE AND DENSITY.

Station No. 1827

Date, March 24th 1893

Time of day, 3.04 Pm ; of tide, Flood

Locality, Chesapeake Bay

Exact position, Stingray Pt Lt Hse S 1/4 W 3 3/8 miles

Windmill Pt Lt. N 0 E X W 1/8 W 4 5/8 miles

Depth, 4 ¾ 4

Nature of bottom, Sticky

Dredging instrument used, Beam Trawl

Direction of drift, E X S ; distance, 1/8 mile

Temperature of air, 63 ; therm. No.,

" of surface water, 42 "

" at depth of fathoms, "

" at bottom, "

Density at surface, 10140 temp., 42

" at depth of fathoms, "

" at bottom, "

Number of salinometer,

Barometer reading, 2983

State of sky, Cloudy

Direction of wind, South ; force, 4

Rain,

Direction of surface current, ; force,

" of bottom " ; force,

Name of vessel, U.S.F.C. Str Fish Hawk

Service to which attached, U.S.F.C.

Name and rank of commanding officer, Robert Platt Lieut U.S.N.

Name and position of observer,

Jas Leighton
Asst Surg

NOTES RELATING TO STATION NO. 1827

A few small crabs 1 drill
One large crab dead

RECORD OF DREDGING,

TEMPERATURE AND DENSITY.

Station No. 1828

Date, March 24th 1893

Time of day, 3.38 PM ; of tide, Flood

Locality, Chesapeake Bay

Exact position, Kingsmill Pt. St. 140 N N W 1/2 W 1/2 mile
Water mill Pt St 140 N N E 1/2 E 2 5/8 miles

Depth, 4. 2

Nature of bottom, Hard

Dredging instrument used, Beam Trawl

Direction of drift, N E x N ; distance, 1/8 mile

Temperature of air, 62 therm. No.,

" of surface water, 42 "

" at depth of fathoms, "

" at bottom, "

Density at surface, 10140 temp., 42

" at depth of fathoms, "

" at bottom, "

Number of salinometer,

Barometer reading, 2982

State of sky, Cloudy

Direction of wind, South ; force, 4

Rain,

Direction of surface current, ; force,

" of bottom " ; force,

Name of vessel, 26576 Fish Hawk

Service to which attached, 26576

Name and rank of commanding officer, Robert Veale
Lieut 2682

Name and position of observer,
[illegible]
[illegible]

NOTES RELATING TO STATION NO. 1828

A few oysters shrimp. Grass
sea weed.