yr. 1893
1829
to
1848

ORIGINAL LOG BOOK OF THE "FISH HAWK"

UNITED STATES FISH COMMISSION

STATION NUMBERS

Numbers 1829 to 1848

RECORD OF DREDGING,

TEMPERATURE AND DENSITY.

Station No. 1829

Date, April 16 1893

Time of day, 2,25 PM; of tide, Flood

Locality, Mobpack Bay

Exact position,

New Pt Comfort SE&E 3/4 E 2 miles

Depth, 2 fth. 4 ft

Nature of bottom, Soft

Dredging instrument used, Oyster Dredge

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

Temperature of air, 54 therm. No.,

" of surface water, "

" at depth of fathoms, "

" at bottom, "

Density at surface, 1016.4 temp., 52

" at depth of fathoms, "

" at bottom, "

Number of salinometer,

Barometer reading, 31.24

State of sky, Clear

Direction of wind, North; force, 3

Rain,

Direction of surface current, ; force,

" of bottom " ; force,

Name of vessel, U S 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

Mate U S

NOTES RELATING TO STATION NO. 1879

2 azimuths

RECORD OF DREDGING,

TEMPERATURE AND DENSITY.

Station No. 1830

Date, April 16 1893

Time of day, 2.35 Pm ; of tide, Flood

Locality, Mojack Bay

Exact position,

New Pt Comfort SE & E ½ E 2 5/8 miles

Depth, 3-1

Nature of bottom, Sticky

Dredging instrument used, Apter Dredge

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

Temperature of air, 54 therm. No.,

" of surface water, 54 "

" at depth of fathoms, "

" at bottom, "

Density at surface, 1016.4 temp., 54

" at depth of fathoms, "

" at bottom, "

Number of salinometer,

Barometer reading, 30.24

State of sky, Clear

Direction of wind, North ; 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,

Imlenighton

Mate

NOTES RELATING TO STATION NO. 1830

Nothing but dust shells & one oyster

RECORD OF DREDGING,

TEMPERATURE AND DENSITY.

Station No. 1831

Date, April 16' 1893

Time of day, 2 1/2 PM ; of tide, Flood

Locality, Mobjack Bay

Exact position,

New Pt Comfort SE & E 3 1/4 miles

Depth, 3.2

Nature of bottom, Hard

Dredging instrument used, Upton dredge

Direction of drift, NW 1/2 N ; distance, 1/8 mile

Temperature of air, 56 therm. No.,

" of surface water, 54 "

" at depth of fathoms, "

" at bottom, "

Density at surface, 1016.4 temp.,

" at depth of fathoms, "

" at bottom, "

Number of salinometer,

Barometer reading, 30.24

State of sky, Clear

Direction of wind, North ; 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

Mate Nfr

NOTES RELATING TO STATION NO. No 1

a few clamp & oysters

RECORD OF DREDGING,

TEMPERATURE AND DENSITY.

Station No. 1802

Date, April 16" 1893

Time of day, 2.55 ; of tide, Flood

Locality, Mobjack Bay

Exact position,

New Re Comfort SE & E 3 3/4 miles

Depth, 2 – 4

Nature of bottom, Hard

Dredging instrument used, Oyster Dredge

Direction of drift, N 1/2 W ; distance, 1/8 miles

Temperature of air, 56 therm. No.,

" of surface water, 56 "

" at depth of fathoms, "

" at bottom, "

Density at surface, 10.44 temp.,

" at depth of fathoms, "

" at bottom, "

Number of salinometer,

Barometer reading, 30.24

State of sky, Clear

Direction of wind, North ; 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 G S

Name and position of observer, Jmlenighton

Mate Nfr

NOTES RELATING TO STATION NO. 132

20 ojalena + dead shells

RECORD OF DREDGING,

TEMPERATURE AND DENSITY.

Station No. 1833

Date, April 16' 1893

Time of day, 3.03 Pm ; of tide, Flood

Locality, Mobjack Bay

Exact position,
Mw Pt Comfort SE½ E 4 miles

Depth, 2 – 1

Nature of bottom, Hard

Dredging instrument used, Oyster Dredge

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

Temperature of air, 56 therm. No.,

" of surface water, 57 "

" at depth of fathoms, "

" at bottom, "

Density at surface, 1015 temp.,

" at depth of fathoms, "

" at bottom, "

Number of salinometer,

Barometer reading, 30.24

State of sky, Clear

Direction of wind, North ; 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
Scient U S N

Name and position of observer,
J Mulnighton
Mate Nfr

NOTES RELATING TO STATION NO. 1823

3 oysters

RECORD OF DREDGING,

TEMPERATURE AND DENSITY.

Station No. 1834

Date, April 16 1893

Time of day, 3.12 Pm ; of tide, Flood

Locality, Mobjack Bay

Exact position,

New Pt Comfort S E 3/4 E 4 1/4 miles

Depth, 3 fths

Nature of bottom, Hard

Dredging instrument used, Oyster Dredge

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

Temperature of air, 56 therm. No.,

" of surface water, 57 "

" at depth of fathoms, "

" at bottom, "

Density at surface, 1015 temp.,

" at depth of fathoms, "

" at bottom, "

Number of salinometer,

Barometer reading, 30.24

State of sky, Clear

Direction of wind, North ; 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 Plate

Lieut U S N

Name and position of observer,

J M Leighton

Mate Nfr

RECORD OF DREDGING,

TEMPERATURE AND DENSITY.

Station No. 1835

Date, April 16" 1893

Time of day, 3.23 Pm ; of tide, Flood

Locality, Mobjack bay

Exact position,
New Pt Comfort SE 3/8 E 4 3/8 miles

Depth, 2, 3

Nature of bottom, Soft

Dredging instrument used, Oyster Dredge

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

Temperature of air, 54 therm. No.,

" of surface water, 57 "

" at depth of fathoms, "

" at bottom, "

Density at surface, 1015 temp.,

" at depth of fathoms, "

" at bottom, "

Number of salinometer,

Barometer reading, 30.24

State of sky, Clear

Direction of wind, North ; 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
Mate Ufc

NOTES RELATING TO STATION NO. 1835

Sing Angelus

RECORD OF DREDGING,

TEMPERATURE AND DENSITY.

Station No. 1836

Date, April 16th 1893

Time of day, 3.30 Pm ; of tide, Flood

Locality, Mobjack Bay

Exact position,

New Pt Comfort SE 1/2 E 4 5/8 miles

Depth, 2.3

Nature of bottom, Soft

Dredging instrument used, Oyster Dredge

Direction of drift, N 1/2 W ; distance, 1/8 miles

Temperature of air, 50 therm. No.,

" of surface water, 57 "

" at depth of fathoms, "

" at bottom, "

Density at surface, 1015 temp.,

" at depth of fathoms, "

" at bottom, "

Number of salinometer,

Barometer reading, 30.24

State of sky, Clear

Direction of wind, North ; force, 3

Rain,

Direction of surface current, ; force,

" of bottom " ; force,

Name of vessel, USFC Str Fish Hawk

Service to which attached, USFC

Name and rank of commanding officer, Robert Platt

Lieut USN

Name and position of observer,

J M Leighton

Mate Nfr

NOTES RELATING TO STATION NO. 1836

10 oysters a few clams. Some duck shells

RECORD OF DREDGING,

TEMPERATURE AND DENSITY.

Station No. 1837

Date, April 24 1893

Time of day, 11.55 Am; of tide, Ebb

Locality, Chesapeake Bay

Exact position, Cape Henry Lt House

S x E 1½ miles

Depth, 11 fths

Nature of bottom, Hard

Dredging instrument used, Beam Trawl

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

Temperature of air, 53 therm. No.,

" of surface water, 56 "

" at depth of fathoms, "

" at bottom, "

Density at surface, 1017 temp.,

" at depth of fathoms, "

" at bottom, "

Number of salinometer,

Barometer reading, 30.32

State of sky, Clear

Direction of wind, N N E ; 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

Name and rank of commanding officer, Robert Platt

Lieut U S N

Name and position of observer,

John Leighton

Asst Engr

NOTES RELATING TO STATION NO. 1837

Skate Hack starfish small gorgonias one small squid shrimp

RECORD OF DREDGING,

TEMPERATURE AND DENSITY.

Station No. 1838

Date, April 24" 1893

Time of day, 12.15 Pm ; of tide, Ebb

Locality, Chesapeake Bay

Exact position, Cake Henry Lt 1 to SSE 1/4 E 1 1/2 miles

Depth, 10.3

Nature of bottom, Hard

Dredging instrument used, Beam Trawl

Direction of drift, NXW ; distance, 1/4 miles

Temperature of air, 58 therm. No.,

" of surface water, 56 "

" at depth of fathoms, "

" at bottom, "

Density at surface, 1016.8 temp.,

" at depth of fathoms, "

" at bottom, "

Number of salinometer,

Barometer reading, 30.33

State of sky, Clear

Direction of wind, NNE ; 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
Mate Nfn

NOTES RELATING TO STATION NO. 1688

Skate Starfish Hake
Sea Cucumber

RECORD OF DREDGING,

TEMPERATURE AND DENSITY.

Station No. 1839

Date, April 24th 1893

Time of day, 12,48 Pm ; of tide, Ebb

Locality, Chesapeake Bay

Exact position, Tp two light in range SW x W 2½ miles

Depth, 11

Nature of bottom, Hard

Dredging instrument used,

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

Temperature of air, 60 therm. No.,

" of surface water, 56 "

" at depth of fathoms, "

" at bottom, "

Density at surface, 1016.6 temp.,

" at depth of fathoms, "

" at bottom, "

Number of salinometer,

Barometer reading, 30.32

State of sky, Clear

Direction of wind, East ; force, 3

Rain,

Direction of surface current, ; force,

" of bottom " ; force,

Name of vessel, USFC Fish Hawk

Service to which attached, USFC

Name and rank of commanding officer, Robert Platt Lieut USN

Name and position of observer, J M Leighton Mate USN

NOTES RELATING TO STATION NO. 1839

Water haul Trans tow very badly. a few drills

RECORD OF DREDGING,

TEMPERATURE AND DENSITY.

Station No. 1840

Date, April 24th 1893

Time of day, 1.32 Pm; of tide, Flood

Locality, Chesapeake Bay

Exact position, Cape Henry St 140

S x W 3/4 W 2 miles

Depth, 11.3

Nature of bottom, Hard

Dredging instrument used, Beam Trawl

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

Temperature of air, 59 therm. No.,

" of surface water, 56 "

" at depth of fathoms, "

" at bottom, "

Density at surface, 1016.6 temp.,

" at depth of fathoms, "

" at bottom, "

Number of salinometer,

Barometer reading, 30.32

State of sky, Clear

Direction of wind, East ; 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

Mate Nfn

NOTES RELATING TO STATION NO. 1840

Skate Starfish Conchs
squid & skate eggs grass

RECORD OF DREDGING,

TEMPERATURE AND DENSITY.

Station No. 1841

Date, April 24 1893

Time of day, 1.58 Pm ; of tide, Flood

Locality, Chesapeake Bay

Exact position, Cape Henry Lt H O S X E 1½ miles

Depth, 12

Nature of bottom, Sticky

Dredging instrument used, Beam Trawl

Direction of drift, NE X N ½ N ; distance, ¼ mile

Temperature of air, 54 therm. No.,

" of surface water, 56 "

" at depth of fathoms, "

" at bottom, "

Density at surface, 1016.6 temp.,

" at depth of fathoms, "

" at bottom, "

Number of salinometer,

Barometer reading, 30.32

State of sky, Clear

Direction of wind, East ; 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
Mate Nfr

NOTES RELATING TO STATION NO. 1841

Skate starfish shrimp
Skate eggs Hack grass

RECORD OF DREDGING,

TEMPERATURE AND DENSITY.

Station No. 184 D

Date, April 24" 1893

Time of day, 2.23 Pm ; of tide, Flood

Locality, Chesapeake Bay

Exact position, Cape Henry St HO

SE½S 1 mile

Depth, 11

Nature of bottom, Hard

Dredging instrument used, Beam Trawl

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

Temperature of air, 54 therm. No.,

" of surface water, 56 "

" at depth of fathoms, "

" at bottom, "

Density at surface, 1016.6 temp.,

" at depth of fathoms, "

" at bottom, "

Number of salinometer,

Barometer reading, 30.32

State of sky, Clear

Direction of wind, East ; 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, Jon Lenighton

Mate Usn

NOTES RELATING TO STATION NO. 1842

Skate Haik Sarfish Pass
Concho shrimp

RECORD OF DREDGING,

TEMPERATURE AND DENSITY.

Station No. 1843

Date, April 24th 1893

Time of day, 2.46 Pm; of tide, Flood

Locality, Chesapeake Bay

Exact position, Cape Henry Lt HO

SEXE 2 miles

Depth, 8

Nature of bottom, Hard

Dredging instrument used, Beam Trawl

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

Temperature of air, 54 therm. No.,

" of surface water, 56 "

" at depth of fathoms, "

" at bottom, "

Density at surface, 1017.2 temp.,

" at depth of fathoms, "

" at bottom, "

Number of salinometer,

Barometer reading, 30.28

State of sky, Clear

Direction of wind, East; 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

Saint U S N

Name and position of observer,

J Mcleighton

Mate Nfn

NOTES RELATING TO STATION NO. 1843

Skate Haile Hermit Crabs

RECORD OF DREDGING,

TEMPERATURE AND DENSITY.

Station No. 1844

Date, April 24' 1893

Time of day, 3.12 Pm ; of tide, Flood

Locality,

Exact position, Cape Henry St NO

ESE 4 miles

Depth, 6-4

Nature of bottom, Hard

Dredging instrument used, Beam Trawl

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

Temperature of air, 54 therm. No.,

" of surface water, 56 "

" at depth of fathoms, "

" at bottom, "

Density at surface, 1017.2 temp.,

" at depth of fathoms, "

" at bottom, "

Number of salinometer,

Barometer reading, 30.26

State of sky, Clear

Direction of wind, SE ; 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

Mate U S N

NOTES RELATING TO STATION NO. 1844

Flounder starfish Hair
Brass shrimp

RECORD OF DREDGING,

TEMPERATURE AND DENSITY.

Station No. 1845

Date, April 24 1893

Time of day, 3.24 Pm; of tide, Flood

Locality, Chesapeake Bay

Exact position, Cape Henry St No

E S E 4 1/2 miles

Depth, 6

Nature of bottom, Sticky

Dredging instrument used, Beam Trawl

Direction of drift, NW & W ; distance, 1/4 mile

Temperature of air, 54 therm. No.,

" of surface water, 56 "

" at depth of fathoms, "

" at bottom, "

Density at surface, 1017.2 temp.,

" at depth of fathoms, "

" at bottom, "

Number of salinometer,

Barometer reading, 30.26

State of sky, Clear

Direction of wind, S 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

Mate Nfr

NOTES RELATING TO STATION NO. 1845

Skate Haile Grass Shrimp
star fish

RECORD OF DREDGING,

TEMPERATURE AND DENSITY.

Station No. 1846

Date, April 25th 1893

Time of day, 1250 PM ; of tide, Flood

Locality, Chesapeake Bay

Exact position, Cherrystone Lt Ho N E X N 1½ mile
Old Plantation Flat Lt Ho S E 1¼ mile

Depth, 15

Nature of bottom, Hard

Dredging instrument used, Beam Trawl

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

Temperature of air, 60 therm. No.,

" of surface water, 55 "

" at depth of fathoms, "

" at bottom, "

Density at surface, 1018 temp.,

" at depth of fathoms, "

" at bottom, "

Number of salinometer,

Barometer reading, 30.06

State of sky, Cloudy

Direction of wind, S W ; 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,
Jerlenighton
Mate Nfn

NOTES RELATING TO STATION NO. 1846

One dozen small Nails

RECORD OF DREDGING,

TEMPERATURE AND DENSITY.

Station No. 1847

Date, April 27 93

Time of day, 12/9 Pm ; of tide, Ebb

Locality, Chesapeake Bays

Exact position, Cherrystone ESE 2 miles

Plantation St H SE & S 3 miles

Depth, 17

Nature of bottom, Soft

Dredging instrument used, Beam Trawl

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

Temperature of air, 59 therm. No.,

" of surface water, 54 "

" at depth of fathoms, "

" at bottom, "

Density at surface, 1017.2 temp.,

" at depth of fathoms, "

" at bottom, "

Number of salinometer,

Barometer reading, 30-10

State of sky, Cloudy

Direction of wind, South ; force, 2

Rain, about 10 minutes

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 Plate

Lieut U S N

Name and position of observer,

NOTES RELATING TO STATION NO. 847

Starfish Hake Shrimp
Hermit crabs conch
Sea Robin.

RECORD OF DREDGING,

TEMPERATURE AND DENSITY.

Station No. 1848

Date, April 27 - 93

Time of day, 1.34 Pm ; of tide, Ebb

Locality, Chesapeake Bay

Exact position, New Point Comfort St Ho
W S W 8 1/4 miles

Depth, 6 - 3

Nature of bottom, Sticky

Dredging instrument used, Beam Trawl

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

Temperature of air, 59 therm. No.,

" of surface water, 55 "

" at depth of fathoms, "

" at bottom, "

Density at surface, 10142 temp.,

" at depth of fathoms, "

" at bottom, "

Number of salinometer,

Barometer reading, 30.10

State of sky, Cloudy

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 M

Name and position of observer, Jm Creighton
Mate U Gn

NOTES RELATING TO STATION NO. 1848

25

Garfish silversides shrimps
2 menhaden Croaker.