7767

7767-7783

ORIGINAL LOG BOOK OF THE "FISH HAWK"

UNITED STATES FISH COMMISSION

STATION NUMBERS

Numbers 7767 to 7783

yr. 1905

3 Nobska to W Chop 76°31'
W Chop to E " 39°23'

643

RECORD OF DREDGING

TEMPERATURE AND DENSITY

Station No. 7767

Date, Aug 23

Time of day, Haul begins 138 ; of tide, Haul ends 146

Locality, Vineyard Sound

Exact position, A Nobska to W Chop 76 21
W Chop to E " 36 35

Depth, 10 fath to 4 fath

Nature of bottom, sand & pebbles

Dredging instrument used, 9 ft beam trawl & mud bag

Direction of drift, ; distance,

Temperature of air, 81 Fahr. therm. No.,

" of surface water, 70 "

" at depth of fathoms, "

" at bottom, 70 "

Density at surface, 1022 temp., Celsius.

" at depth of fathoms, "

" at bottom, 10222 "

Number of salinometer, 7450

Barometer reading, 29.95

State of sky, Clear

Direction of wind SW ; force,

Rain,

Direction of surface current, ; force,

" of bottom " ; force,

Name and position of observer,

11—1068

C Nobska to W Chop 76°57'
W Chop to E " 41°58'

20 fath out

NOTES RELATING TO STATION NO. 7767

Worms (common)
Few crabs
Many shells
Many small sculpins

B
Trobska to W Chop 100° 32'
W Chop E " 36° 40'

643

RECORD OF DREDGING

TEMPERATURE AND DENSITY

Station No. 7768

Date, Aug 23 1905

Time of day, 201 Haulbegins ; of tide, Haulends 2-09

Locality, Vineyard Sound

Exact position, A Trobska to W Chop 96° 45'
W Chop to E Chop 35 47

Depth, 10 faths

Nature of bottom, stones

Dredging instrument used, Off trawl + mud bag

Direction of drift, ; distance,

Temperature of air, 81 Fahr. therm. No.,

" of surface water, 71 "

" at depth of fathoms, "

" at bottom, 69.5 "

Density at surface, 10221 temp., Celsius.

" at depth of fathoms, "

" at bottom, 10222 "

Number of salinometer, 7450

Barometer reading, 29.95

State of sky, Clearing

Direction of wind SW ; force, lt

Rain,

Direction of surface current, ; force,

" of bottom " ; force,

Name and position of observer,

11—1068

C Trobska to W Chop 103° 29'
W Chop to E " 37 13

30 faths out

NOTES RELATING TO STATION NO. 7264

Worms (common)
Many shells

B
Nobska to W Chop 95 21
W Chop to E Chop 28.38

643

RECORD OF DREDGING

TEMPERATURE AND DENSITY

Station No. 7769

Date, June 1st 23 1905

Time of day, 2 1930 ; of tide, Hauling Hauling 2.27 30

Locality, Vineyard Sound

Exact position, A Nobska W Chop 93 20
W Chop to E Chop 28 25

Depth, ~~6 fathoms~~ 7 fathoms

Nature of bottom, pebbles

Dredging instrument used, 9 ft trawl + mud, bag

Direction of drift, ; distance,

Temperature of air, 81 Fahr. therm. No.,

" of surface water, 71 "

" at depth of fathoms, "

" at bottom, 71 "

Density at surface, 1.0221 temp., Celsius.

" at depth of fathoms, "

" at bottom, 1.0223 "

Number of salinometer, 1450

Barometer reading, 29.95

State of sky, Cloudy

Direction of wind SW ; force, W

Rain,

Direction of surface current, ; force,

" of bottom " ; force,

Name and position of observer,

11—1068

C Nobska to W Chop 97°19'
W Chop to East Chop 28°27'

20 ...

NOTES RELATING TO STATION NO. 7769

Few starfish
Worms (common)
Many shells

B

Nobska to W Chop 112 47
W Chop " E " 28 58

643

RECORD OF DREDGING

TEMPERATURE AND DENSITY

Station No. 7770

Date, Aug 23 1905

Time of day, 2 36 30 Hurlands ; of tide, 2 44 30

Locality, Vineyard Sound

Exact position, A Nobska to W Chop 1 08 34
West Chop to E " 27 53

Depth, 10 fathoms to 12 fathoms

Nature of bottom, sand & pebbles

Dredging instrument used, Galvanized

Direction of drift, ; distance,

Temperature of air, 81 Fahr. therm. No.,

" of surface water, 71 "

" at depth of fathoms, "

" at bottom, 69.5 "

Density at surface, 10219 temp., Celsius.

" at depth of fathoms, "

" at bottom, 1.0221 "

Number of salinometer, 7450

Barometer reading, 29.95

State of sky, Clear

Direction of wind S. East ; force,

Rain,

Direction of surface current, ; force,

" of bottom " ; force,

Name and position of observer,

11—1068

C Nobska to West Chop 11 45
West Chop " E " 29 52

30 fathoms out

NOTES RELATING TO STATION NO. 7770

Few sponges
Few crabs
Few shells

B

Nobska W chop 10440
W chop E chop 20°12

643

RECORD OF DREDGING

TEMPERATURE AND DENSITY

Station No. 7771

Date, August 23 1905

Time of day, 25630 Hand begins Hand ends ; of tide, 3.00

Locality, Vineyard Sound

Exact position, A Nobska W chop 10248
W chop E " 20°14

Depth, 7 fathoms

Nature of bottom, sand & rocks

Dredging instrument used, 9 ft beam trawl & mud bag

Direction of drift, ; distance,

Temperature of air, 81 Fahr. therm. No.,

" of surface water, 71 "

" at depth of fathoms, "

" at bottom, 69.5 "

Density at surface, 10298 temp., Celsius.

" at depth of fathoms, "

" at bottom, 10218 "

Number of salinometer, 7450

Barometer reading, 29.95

State of sky, Clear

Direction of wind East ; force, 4

Rain,

Direction of surface current, ; force,

" of bottom " ; force,

Name and position of observer,

11—1068

C

Trawl caught in rocks

20 fathoms out

NOTES RELATING TO STATION NO. 7771

Few shells
Few foraminifera

B Fat Water Tower - to Nobska 59°07
Nobska W Chop 11857

643

RECORD OF DREDGING

TEMPERATURE AND DENSITY

Station No. 7772

Date, August 23

Time of day, 3.07 ; of tide, Hurlbrown Hurlands

Locality, Vineyard Sound

Exact position, A Nobska W Chop 115°34'
West Chop E " 19.19

Depth, 6½ fathoms to 7½-8

Nature of bottom, sand & pebbles

Dredging instrument used, 9 ft trawl + mud bag

Direction of drift, ; distance,

Temperature of air, 81- Fahr. therm. No.,

" of surface water, 71 "

" at depth of fathoms, "

" at bottom, 64 "

Density at surface, 10.219 temp., Celsius.

" at depth of fathoms, "

" at bottom, 1.0219 "

Number of salinometer, 74.50

Barometer reading, 29.95

State of sky, Hazy

Direction of wind S East ; force,

Rain,

Direction of surface current, ; force,

" of bottom " ; force,

Name and position of observer,

11—1068

C E Chop to obs 115°48'
Observatory to Nobska 101.04

21 fath

NOTES RELATING TO STATION NO. 7772

Sponges (common)
Worms (common)
Few shells

B
E Chop to Observatory 10642
Observatory to Nobska 8915

643

RECORD OF DREDGING

TEMPERATURE AND DENSITY

Station No. 7773

Date, August 23 1905

Time of day, 323 ; of tide, 3,31

Locality, Vineyard Sound

Exact position, A E Chop to Obser 10941
Observatory to Nobska 9252

Depth, 11½ fathoms

Nature of bottom, pebbles & stones

Dredging instrument used, 9 ft beam trawl & mud bag

Direction of drift, ; distance,

Temperature of air, 80 Fahr. therm. No.,

" of surface water, 71 "

" at depth of fathoms, "

" at bottom, 69 "

Density at surface, 10219 temp., Celsius.

" at depth of fathoms, "

" at bottom, 10222 "

Number of salinometer, 7450

Barometer reading, 29.95

State of sky, Clear

Direction of wind SE ; force,

Rain,

Direction of surface current, ; force,

" of bottom " ; force,

Name and position of observer,

11—1068

C. E Chop to Observatory 0446
Observatory to Nobska 8730

30 fathoms out

NOTES RELATING TO STATION NO. 7773

Few worms
Few shells

B Fal. Water tower to Nobska 77°05'
Nobska to W Chop 122°19'

643

RECORD OF DREDGING

TEMPERATURE AND DENSITY

Station No. 7774

Date, August 23, 1905

~~Time of day~~, Haul begins 343 ; of tide, Haul ends 3.51

Locality, Vineyard Sound

Exact position, A Water Tower Nobska 8058
Nobska to W Chop 113°21'

Depth, 7½ fathoms

Nature of bottom, pebbles

Dredging instrument used, 9 ft beam trawl & mud bag

Direction of drift, ; distance,

Temperature of air, 75 Fahr. therm. No.,

" of surface water, 70.5 "

" at depth of fathoms, "

" at bottom, 69 "

Density at surface, 10221 temp., Celsius.

" at depth of fathoms, "

" at bottom, 10221 "

Number of salinometer, 7450

Barometer reading, 29.95

State of sky, Clear

Direction of wind ; force,

Rain,

Direction of surface current, ; force,

" of bottom " ; force,

Name and position of observer,

11—1068

C Fal. Water tower to Nobska 73°45'
Nobska W Chop 130°01'

23 fathoms out

NOTES RELATING TO STATION NO. 7774

Few starfish
Few shells

B Observatory Nobska 102 15
Nobska to Norton's Pt 93 —

643

RECORD OF DREDGING

TEMPERATURE AND DENSITY

Station No. 7775

Date, August 23, 1905

Time of day, 359 Hurlbergs ; of tide, 4.07 Hurlands

Locality, Vineyard Sound

Exact position, Observatory Nobska 108 —
Nobska to Norton's Pt 87 33

Depth, 9 fathoms

Nature of bottom, pebbles & stones

Dredging instrument used, 9 ft trawl + mud bag

Direction of drift, ; distance,

Temperature of air, 75 Fahr. therm. No.,

" of surface water, 70 "

" at depth of fathoms, "

" at bottom, 68.5 "

Density at surface, 1.0221 temp., Celsius.

" at depth of fathoms, "

" at bottom, 1.0220 "

Number of salinometer, 7450

Barometer reading, 2997

State of sky, Clear

Direction of wind S East ; force,

Rain,

Direction of surface current, ; force,

" of bottom " ; force,

Name and position of observer,

C 11—1068

Observatory to Nobska 96 18
Nobska to Norton's Pt 98 44
27 fathoms

NOTES RELATING TO STATION NO. 7775

Few shells

B
Tut.
W Tower to Nobska 116°56'
Nobska to Norton's Pt 50°36'

643

RECORD OF DREDGING

TEMPERATURE AND DENSITY

Station No. 7776

Date, August 23 1905

~~Time of day~~, Haul begun 4 20 30 ; of tide, Haul ends 4.32.30

Locality, Vineyard Sound

A Tut

Exact position, W Tower to Nobska 12121
Nobska to Norton's Pt 4318

Depth, 5 X 6 2/2 to 7

Nature of bottom, stones & shells

Dredging instrument used, 9 ft trawl & mud bag

Direction of drift, ; distance,

Temperature of air, 75 Fahr. therm. No.,

" of surface water, 72 "

" at depth of fathoms, "

" at bottom, 69 "

Density at surface, 1.0218 temp., Celsius.

" at depth of fathoms, "

" at bottom, 1.0219 "

Number of salinometer, 74.50

Barometer reading, 29.95

State of sky, Clear.

Direction of wind ; force,

Rain,

Direction of surface current, ; force,

" of bottom " ; force,

Tut. W Tower to Nobska 104°14'
Nobska to Norton's Pt 70°45'

Name and position of observer,

11—1068

C Tut. W Tower Nobska 111°54'
Nobska to Norton's Pt 5840

15 fathoms out

NOTES RELATING TO STATION NO. 7776

Few starfish
Few shells

B Fat Water tank to Nobska 56°32
Nobska E Chop 90 11
S.H. N N W ¼ W – W Chop S 13° W

643

RECORD OF DREDGING

TEMPERATURE AND DENSITY

Station No. 7777

Date, August 26th 1905

Time of day, 835 ; of tide, 843

Locality, Vineyard Sound

Exact position, A Fat Wat. Tank Nobska 49 03
Nobska to E Chop 92 19
S.H. N E ⅞ N – W Chop S 11° W –

Depth, 5½

Nature of bottom, sand & pebbles

Dredging instrument used, 9 ft trawl & mud bag

Direction of drift, ; distance,

Temperature of air, 63 Fahr. therm. No.,

" of surface water, 69 "

" at depth of fathoms, "

" at bottom, 70 "

Density at surface, 1022 temp., Celsius.

" at depth of fathoms, "

" at bottom, 10224 "

Number of salinometer, 7450

Barometer reading, 2994

State of sky, Cloudy

Direction of wind NE ; force,

Rain,

Direction of surface current, ; force,

" of bottom " ; force,

Name and position of observer,

11—1068

C Fat Water tank Nobska 53°47
Nobska to E Chop 90°02
S.H. N W ⅜ N W Chop S 11° W

16 fathoms out

NOTES RELATING TO STATION NO. 7777

Starfish (common)
Shells (few)
Sponges (common)

B Fal Water tank to Nobska 63° 3' 2
Nobska to E Chop 86 55
S.H. N.N.W. – W Chop S 4° W

643

RECORD OF DREDGING

TEMPERATURE AND DENSITY

Station No. 7778

Date, August 26 1905

Time of day, 9.49 8.49 ; of tide, Hunt begin Hunt ends

Locality, Vineyard Sound

Exact position, Fal Water tank to Nobska 59 42
Nobska to E Chop 88 47

Depth, 4 – S.H. N x W 1/8 W W Chop S 6° W

Nature of bottom, sand & pebbles

Dredging instrument used, 9 ft beam trawl & sand bag

Direction of drift, ; distance,

Temperature of air, 63 Fahr. therm. No., 6699

" of surface water, 68 " 6648

" at depth of fathoms, "

" at bottom, 69 "

Density at surface, 10222 temp., Celsius.

" at depth of fathoms, "

" at bottom, 10224 "

Number of salinometer, 7450

Barometer reading, 2994

State of sky, fairly cloudy

Direction of wind ; force,

Rain,

Direction of surface current, ; force,

" of bottom " ; force,

Name and position of observer,

11—1068

C
Fal Water tank to Nobska 66° 03'
Nobska to E Chop 85° 18'
S.H. N 1/8 E – E Chop S 19 E
15 out

NOTES RELATING TO STATION NO. 7778

Many shells
Few worms
Several puffers

B Fat. Water tank to Nobska 50 48
Nobska to E Chop 105 07
SH N x W 3/4 W. W Chop S 90 W

643

RECORD OF DREDGING

TEMPERATURE AND DENSITY

Station No. 7779

Date, August 26 1905

Time of day, 917 ; of tide, Hauldown Haulbrook

Locality, Vineyard Sund

Exact position, A Fat. Water tank to Nobska 46 29
Nobska to E Chop 104 21

Depth, 12 1/2 SH N W 3/4 N E Chop S 9 E

Nature of bottom, sand

Dredging instrument used, Gift trawl + mud bag

Direction of drift, ; distance,

Temperature of air, 63 Fahr. therm. No.,

" of surface water, 69.5 "

" at depth of fathoms, "

" at bottom, 70 "

Density at surface, 1022 temp., Celsius.

" at depth of fathoms, "

" at bottom, 10222 "

Number of salinometer, 7450

Barometer reading, 2994

State of sky, frontly cloudy

Direction of wind N E ; force,

Rain,

Direction of surface current, ; force,

" of bottom " ; force,

Name and position of observer,

11—1068

C Fat. Water tank to Nobska 54 52
Nobska E Chop 104 08
SH N x W 5/8 W W Chop S 10 W

30 [illegible]

NOTES RELATING TO STATION NO. 7779

Many shells
Few starfish
Few flounders

B
Water tank to Nobska 72° 52'
Nobska to E Chop 98° 09'
S H N W x N ½ N — W Chop S 1° E

643

RECORD OF DREDGING

TEMPERATURE AND DENSITY

Station No. 7780

Date, August 26 1906

Time of day, 9 32 ; of tide, 9.40

Locality, Vineyard Sound

Exact position, A Water tank to Nob 64° 02'
Nobska to E Chop 101° 21'

Depth, 7½ S H N W x N ½ N W Chop S 3° W

Nature of bottom, sand + pebbles

Dredging instrument used, 9 ft beam trawl + mud bag

Direction of drift, 7½ ; distance,

Temperature of air, 63 Fahr. therm. No.,

" of surface water, 70 "

" at depth of fathoms, "

" at bottom, 70 "

Density at surface, 1022 temp., Celsius.

" at depth of fathoms, "

" at bottom, 1022 "

Number of salinometer, 7450

Barometer reading, 2994

State of sky, Partly cloudy

Direction of wind N.E. ; force,

Rain,

Direction of surface current, ; force,

" of bottom " ; force,

Name and position of observer,

11—1068

C Tal Water tank to Nobska 80° 51'
Nobska E Chop 95° 18'
S H N W x N ½ N — W Chop S 4° E

75 out

NOTES RELATING TO STATION NO. 7780

Few sponges
Few shells
Many starfish

B Fal.
Watertank to Nobska 105° 03'
Nobska to E Chop 86° 46'
SH N W - W Chop S 10½ E

643

RECORD OF DREDGING

TEMPERATURE AND DENSITY

Station No. 7781

Date, August 26th 1905

Time of day, 9 46 ; of tide, Haul begins Haul ends

Locality, Vineyard Sound

Exact position, Fal. A Watertank to Nob 95° 20'
Nobska to E Chop 91 —

Depth, 563 SH N W ¼ N — W Chop S 8° E

Nature of bottom, coarse sand & pebbles

Dredging instrument used, 9 ft trawl & mud bag

Direction of drift, ; distance,

Temperature of air, 63 Fahr. therm. No.,

" of surface water, 70 "

" at depth of fathoms, "

" at bottom, 69 "

Density at surface, 1022 temp., Celsius.

" at depth of fathoms, "

" at bottom, 1022 "

Number of salinometer, 7450

Barometer reading, 2994

State of sky, frontly cloudy

Direction of wind N.E. ; force,

Rain,

Direction of surface current, ; force,

" of bottom " ; force,

Name and position of observer,

11—1068

C Watertank to Nobska 121° 43'
Nobska to E Chop 82 13
SH N W. W Chop S 11° E

15

NOTES RELATING TO STATION NO. 7781

Many starfish
Many shells
Fine sponges

B Fal Water tank to Nobska 66°59'
Nobska to E Chop 113°11'
SH NW 3/8 N W Chop S 3° E

643

RECORD OF DREDGING

TEMPERATURE AND DENSITY

Station No. 1782

Date, August 26

Time of day, 10 16 ; of tide, 10 26

Locality, Vineyard Sound

Exact position, A Fal Water tank to Nobska 60 57
Nobska to E Chop 112 47

Depth, 10 | S.H NW 3/8 N — W Chop S 3° W

Nature of bottom, sand & pebbles

Dredging instrument used, Gibbs trawl & mud tray

Direction of drift, ; distance,

Temperature of air, 64 Fahr. therm. No.,

" of surface water, 70 "

" at depth of fathoms, "

" at bottom, 70 "

Density at surface, 1022 temp., Celsius.

" at depth of fathoms, "

" at bottom, 1022 "

Number of salinometer, 7450

Barometer reading, 29.94

State of sky, Pretty cloudy

Direction of wind NE ; force, mod

Rain,

Direction of surface current, ; force,

" of bottom " ; force,

Name and position of observer,

11—1068

C Fal Water tank to Nobska 75°59'
Nobska to E Chop 111°51'
SH NW 3/8 N — W Chop S 9½° E

D 30 fath

NOTES RELATING TO STATION NO. 7782

Few shells
Few puffers

B Fal Water tank to Nobska 105°35'
Nobska to E Chop 103 23
SH NW¼N W Chop S 17° E

643

RECORD OF DREDGING

TEMPERATURE AND DENSITY

Station No. 7783

Date, August 2 & 1905

Time of day, 10.32 ; of tide, 1045.30

Locality, Vineyard Sound

Exact position, A Fal Water tank to Nobska 94°53'
Nobska to E. Chop 106°38'

Depth, 5 SH NW¼N. — W Chop S 15 E

Nature of bottom, sand & pebbles

Dredging instrument used, Ft Vernon trawl & mud bag

Direction of drift, ; distance,

Temperature of air, 65 Fahr. therm. No.,

" of surface water, 70 "

" at depth of fathoms, "

" at bottom, 70 "

Density at surface, 10218 temp., Celsius.

" at depth of fathoms, "

" at bottom, 1022 "

Number of salinometer, 7450

Barometer reading, 2994

State of sky, Partly cloudy

Direction of wind NE ; force, Smart

Rain,

Direction of surface current, ; force,

" of bottom " ; force,

Water tank to Nobska 136°41'
Nobska to E Chop 88°41'
SH N×W¾W Nobska

Name and position of observer,

11—1068

C Fal Water tank to Nobska 121°58'
Nobska to E Chop 96°42'
SH NW×N¾N — Nobska S 75° W
wire for position E
15 out

NOTES RELATING TO STATION NO. 7283

Few shells
Few sponges