1884 & 1888

1236 to 1285

ORIGINAL LOG BOOK OF THE "FISH HAWK"

UNITED STATES FISH COMMISSION

STATION NUMBERS

Numbers 1236 to 1285

10-.25 am Log reg 86.00

Menamsha Bijhi

1 25 miles south of Mr V

15
40
2
80 14 1/2

Long left 70-49
Diff 8
70 57

41.12
14 30
40.57.30 N
70 58 W

Lat left 41.12.00
Diff 14-30
41 57-30

1247 drift N E Bin 3/8 miles
1248 " " " 3/8 "

1887 & 1888

1236

Specimens obtained

~~[illegible]~~

Flounders starfish dead shell

Cunners.

TEMPERATURE RECORD.

Instrument used, Bean Travel

Current number of observation, 1236

Date, Aug 30 1887

Locality, Block Island Sound

Bearings, Gayhead Light N E x E 1/2 E Cattyhunk St N x E
Nomans Land S E x E 3/4 E

Time of day, 9.03 am, of tide, W

State of sky, Ec

Temperature of air, 65

" surface of water, 62

" at depth of fathoms,

" of bottom, 60

Depth, in fathoms, 19.5

Nature of bottom, Hard

Direction of ~~surface current~~ wind, S S W

Force of ~~surface current~~ wind, 2

Direction of ~~bottom current~~ drift, S x E 3/4

Force of bottom current,

Name of vessel, U S S Fish Hawk

To what service attached, U S F C

Name and rank of commanding officer, James A Smith
Mate U S F C

Name and position of observer, J M Leighton
Mate U S F C

REMARKS.

Specimens Obtained
Hermits, Rock Shell, Lobsters
Skate &c

TEMPERATURE RECORD.

Instrument used, Beam Trawl

Current number of observation, 1237

Date, Aug 30th 1887

Locality, Block Island Sound

Bearings, Gayhead Lt E & N

No Mans Land SE & E 5/4 E Cuttyhunk N E & N

Time of day, 10 am; of tide, W

State of sky, Vc

Temperature of air, 67

" surface of water, 64

" at depth of fathoms,

" of bottom, 58

Depth, in fathoms, 20

Nature of bottom, Hard

Direction of ~~surface current~~ wind, Calm

Force of ~~surface current~~ wind, 0

Direction of ~~bottom current~~ drift, 3/4

Force of bottom current,

Name of vessel, U S S Fish Hawk

To what service attached, U S F C

Name and rank of commanding officer, James A Smith

Name and position of observer, J M Leighton

Mate Wyn

1238

REMARKS.

Specimens obtained
~~Broken~~ drill shells & rocks

TEMPERATURE RECORD.

Instrument used, Dodge

Current number of observation, 1238

Date, Aug 30th 1887

Locality, Block Island Sound

Bearings, Gay Head Lt E x N 1/8 N

Cutty hunk N E x N 1/8 N Mt Mans Land E S E

Time of day, 10.45 am; of tide, W

State of sky, Ve

Temperature of air, 65

" surface of water, 64

" at depth of fathoms,

" of bottom, 61

Depth, in fathoms, 20

Nature of bottom, Sand & broken shell

Direction of ~~surface current,~~ Wind South

Force of ~~surface current,~~ Wind 2

Direction of ~~bottom current,~~ Drift 1/2

Force of bottom current,

Name of vessel, U S S Fish Hawk

To what service attached, U S F C

Name and rank of commanding officer, James H Smith
Mate U S N

Name and position of observer, J M Leighton
Mate U S N

REMARKS

1239

REMARKS.

Specimens Obtained
Skate Sculpin Trait Flounders

TEMPERATURE RECORD.

Instrument used, Beam Trawl

Current number of observation, 1239

Date, August 30th 1887

Locality, Block Island Sound

Bearings, Hen + Chicken Light-Ship N X E 1/4 E
Cuttyhunk Lt N E. No Mans Land S E 3/4 E

Time of day, 11.35 am ; of tide, W

State of sky, Vc

Temperature of air, 65

" surface of water, 62

" at depth of fathoms,

" of bottom, 61

Depth, in fathoms, 16

Nature of bottom, Hard

Direction of ~~surface current~~ wind, ~~S~~ W

Force of ~~surface current~~ wind, 2

Direction of ~~bottom current~~ drift, 1/2

Force of bottom current,

Name of vessel, U S S Fish Hawk

To what service attached, U S F C

Name and rank of commanding officer, James A Smith
Mate U Gn

Name and position of observer, J M Leighton
Mate U Gn

1240

REMARKS.

Specimens Obtained
Hail Skates & Gorke fish
Flounders & star fish

TEMPERATURE RECORD.

Instrument used, Beam Trawl

Current number of observation, 1240

Date, August 30th 1887

Locality, Block Island Sound

Bearings, Vineyard Sound Lt Ship N W 1/2 W
Gayhead E x S 3/4 S No Mans Land SSE 1/8 E

Time of day, 12.44 Pm; of tide, W

State of sky, Vc

Temperature of air, 64

" surface of water, 62

" at depth of fathoms,

" of bottom, 60

Depth, in fathoms, 18.5

Nature of bottom, Blue mud

Direction of ~~surface current,~~ Wind SW

Force of ~~surface current,~~ Wind 2

Direction of ~~bottom current,~~ Drift B 1/2

Force of bottom current,

Name of vessel, U S S Fish Hawk

To what service attached, U S F C

Name and rank of commanding officer, James A Smith
Mate U S F C

Name and position of observer, J Mulrighton
Mate U S F C

1246

REMARKS.

Specimens Obtained
Dead Shells Hermit Crabs

TEMPERATURE RECORD.

Instrument used, Dredge

Current number of observation, 1241

Date, Sept 5th 1887

Locality, Vineyard Sound

Bearings, Bishop & Clerks St E 3/4 N
Succonesset Light Ship W & N 3/4 N

Time of day, 10.27 ; of tide, E

State of sky, bc

Temperature of air, 70

" surface of water, 68

" at depth of fathoms,

" of bottom, 69.5

Depth, in fathoms, 21

Nature of bottom, Sand broken shell

Direction of ~~surface current~~ wind, East

Force of ~~surface current~~ wind, 2

Direction of ~~bottom current~~ drift, E S E 1/4

Force of bottom current, ~~E S E~~ ~~1/4~~

Name of vessel, U S S Fish Hawk

To what service attached, U S F C

Name and rank of commanding officer, James A Smith
Mate U S N

Name and position of observer, J M Lenighton
Mate U S N

DEWYURS

1242

REMARKS.

Specimens Obtained
Spider Crabs. Horse shoe Crabs
Star fish and dead Squid
live shell + Squid.

TEMPERATURE RECORD.

Instrument used, Beam Trawl

Current number of observation, 1242

Date, Sept 5th 1887

Locality, Vineyard Sound

Bearings, Bishop & Clerks St E 1/2 N
Succonesset Lt Ship W 1/4 N

Time of day, 10.50 am; of tide, E

State of sky, Vc

Temperature of air, 70

" surface of water, 68

" at depth of fathoms,

" of bottom, 69.

Depth, in fathoms, 18

Nature of bottom, Sand & Shells

Direction of ~~surface current~~, Wind East

Force of ~~surface current~~, Wind 2

Direction of ~~bottom current~~, Drift N N W 1/4

Force of bottom current,

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

To what service attached,

Name and rank of commanding officer, James A Smith
Mate U S N

Name and position of observer,

Mate U S N

1243

REMARKS.

Specimens obtained
from shale rock strata

TEMPERATURE RECORD.

Instrument used, Dredge

Current number of observation, 1248

Date, Sept 5th 1887

Locality, Vineyard Sound

Bearings, Bishop & Clerks Lt E½ S
Succonesset Lt Ship W¼ N

Time of day, 11, 15 Am; of tide, E

State of sky, Dc

Temperature of air, 70

" surface of water, 68

" at depth of fathoms,

" of bottom, 69-5

Depth, in fathoms, 15.5

Nature of bottom, Sand shell rocks

Direction of ~~surface current~~, Mud East

Force of ~~surface current~~, Mud 2

Direction of ~~bottom current~~, Drift N x E ½

Force of bottom current,

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

To what service attached, U.S.F.C.

Name and rank of commanding officer, James A. Smith
Master U.S.N.

Name and position of observer, J.M. Enright
Mate U.S.N.

1244

REMARKS.

Specimens Obtained
Conchs & Shells

TEMPERATURE RECORD.

Instrument used, Dredge

Current number of observation, 1244

Date, Sept 5th 1887

Locality, Vineyard Sound

Bearings, Hyannis N E X N 1/8 N

Bishop & Clerks St E 1/8 N Gucconesset St Ship W 1/2 S

Time of day, 11.54 Am; of tide, W

State of sky, Ba

Temperature of air, 70

" surface of water, 67

" at depth of fathoms,

" of bottom, 69.5

Depth, in fathoms, 5.5

Nature of bottom, Sand Mud Shell

Direction of ~~surface current~~ Wind, South

Force of ~~surface current~~ Wind, 2

Direction of ~~bottom current~~ Drift, W X N 1/4

Force of bottom current,

Name of vessel, U S S Fish Hawk

To what service attached, U S F C

Name and rank of commanding officer, James A Smith
Mate U S N

Name and position of observer,
J Mulrighton
Mate U S N

REMARKS

1245

REMARKS.

Specimens Obtained

Winkles - Hermit crabs a few live clams and many dead clam shells Kelp weed & Eel grass a few small fish - Skate and Sea robbins

TEMPERATURE RECORD.

Instrument used, Beam Trawl

Current number of observation, 1245

Date, Sept 5th 1887

Locality, Off Hyannis

Bearings Hyannis St N E 1/4 N
Bishop & Clerks St E 1/4 S Colliers Beacon N x W 3/4 W

Time of day, 12,22 P.M., of tide, W

State of sky, Vc

Temperature of air, 68

" surface of water, 68

" at depth of fathoms,

" of bottom, 69.5

Depth, in fathoms, 4.5

Nature of bottom, Sand & Shell

Direction of ~~surface current~~ Wind, South

Force of ~~surface current~~ Wind, 3

Direction of ~~bottom current~~ Drift, W x N 1/2

Force of bottom current,

Name of vessel, U S S Fish Hawk

To what service attached, U S F C

Name and rank of commanding officer, James A Smith

Name and position of observer,

J Melenighton
Mate U S N

1246

REMARKS.

Specimens Obtained
Conchus Horse shoe Crabs
Slime

TEMPERATURE RECORD.

Instrument used, Beam Trawl

Current number of observation, 1246

Date, Sept 5° 1887

Locality, Off Hyannis

Bearings, Hyannis St N E 1/2 N
Collins Beacon N Succonesset St S W 3/4 S

Time of day, 1 PM ; of tide, W

State of sky, bc

Temperature of air, 68

" surface of water, 68

" at depth of fathoms,

" of bottom, 69.5

Depth, in fathoms, 5-5

Nature of bottom, Sand & Shell

Direction of ~~surface current~~ Wind SW

Force of ~~surface current~~ Wind 2

Direction of ~~bottom current~~ Drift W X N / 1/2

Force of bottom current,

Name of vessel, U S S Fish Hawk

To what service attached, U S F C

Name and rank of commanding officer, James H Smith
Mate USN

Name and position of observer, J M Leighton
Mate USN

REMARKS.

Specimens Obtained
Sand dollars starfish
Hair skate flounders & shells
Sea urchins Pectens.

1247

TEMPERATURE RECORD.

Instrument used, Beam Trawl

Current number of observation, 1247

Date, Sept 6th 1887

Locality, South of Marthas Vineyard 25 miles

Bearings,
Lat 41° 00' 45" Lon 71° 00' 05"

Time of day, 9.49. am ; of tide, ~~Ent~~

State of sky, vc

Temperature of air, 67

" surface of water, 65

" at depth of 15 fathoms, 62

" of bottom, 53.5

Depth, in fathoms, 27

Nature of bottom, Sand

Direction of ~~surface current~~ wind SW

Force of ~~surface current~~ wind 4

Direction of ~~bottom current~~ drift NE½N 3/8

Force of bottom current,

Name of vessel, U S S Fish Hawk

To what service attached, U S F C

Name and rank of commanding officer, James A Smith
Mate U S N

Name and position of observer, J M Leighton
Mate U S N

REMARKS

1248

REMARKS.

Specimens Obtained
Gorse fish Flounders Pectens
Hair. Yellow Sponge. Sea Robbins
sand dollars.

TEMPERATURE RECORD.

Instrument used, Beam Trawl

Current number of observation, 1248

Date, Sept 6th 1887

Locality, South of Martha's Vineyard

Bearings, 1 mile N & E of Cast Bearing 24

Lat 41°.02'.00" Lon 71°.00'.00"

Time of day, 10.39 am, of tide,

State of sky, Vc

Temperature of air, 68

" surface of water, 64

" at depth of 15 fathoms, 63

" of bottom, 55

Depth, in fathoms, 26.5

Nature of bottom, Sand

Direction of ~~surface current~~ wind, SW

Force of ~~surface current~~ wind, 4

Direction of ~~bottom current~~ Drift NE½N 3/8

Force of bottom current,

Name of vessel, U S S Fish Hawk

To what service attached, U S F C

Name and rank of commanding officer, James A Smith
Mate U S N

Name and position of observer,
J Merrighton
Mate U S N

REMARKS.

Specimens Obtained
Sand dollars Flounders Rails
Skate ~~Sculpin~~

TEMPERATURE RECORD.

Instrument used, Beam Trawl

Current number of observation, 1249

Date, Sept 6th 1887

Locality, South of Martha's Vineyard ~~24 miles~~

Bearings, 2 miles N & E of last bearing 22 miles

Lat 41° 04' 00" Lon 70° 59' 30"

Time of day, 11.29 am, of tide,

State of sky, Vc

Temperature of air, 67

" surface of water, 64

" at depth of 12 fathoms, 63

" of bottom, 57

Depth, in fathoms, 225

Nature of bottom, Sand

Direction of ~~surface current,~~ Wind SW

Force of ~~surface current,~~ Wind 4

Direction of ~~bottom current,~~ Drift N E 1/2 N 3/8

Force of bottom current,

Name of vessel, U S S Fish Hawk

To what service attached, U S F C

Name and rank of commanding officer, James A Smith
Mate U S N

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

1250

REMARKS.

Specimens Obtained
Flounders sand dollars
shell fish sculpins

TEMPERATURE RECORD.

Instrument used, Beam Trawl

Current number of observation, 250

Date, Sept 6th 1887

Locality, South of Martha's Vineyard

Bearings, 2 Miles S x E of last bearing

Lat 41° 06.00" Lon 70° 09.15"

Time of day, 12.30 PM; of tide, ——

State of sky, Cloudy

Temperature of air, 67

" surface of water, 64

" at depth of 10 fathoms, 65

" of bottom, 58.5

Depth, in fathoms, 20.5

Nature of bottom, Sand

Direction of ~~surface current~~, Mud SW

Force of ~~surface current~~, Wind 4

Direction of ~~bottom current~~, Drift NE½E 3/8

Force of bottom current,

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

To what service attached, U.S.F.C.

Name and rank of commanding officer, James A. Smith
Mate U.S.N.

Name and position of observer,
John Leighton
Mate U.S.N.

1251

REMARKS.

Specimens Obtained
Skate and Dollar Fish
Flounders Sculpin

TEMPERATURE RECORD.

Instrument used, Beam Trawl

Current number of observation, 1257

Date, Sept 6th 1887

Locality, South of Marthas Vineyard

Bearings, 4 Miles N + E of last bearings 1/2 miles

Lat 41°.10'.00" Lon 70°.59'.15"

Time of day, 1.36 PM ; of tide,

State of sky, Fe

Temperature of air, 67

" surface of water, 64

" at depth of 10 fathoms, 62

" of bottom, 60

Depth, in fathoms, 17

Nature of bottom, Sand

Direction of ~~surface current~~, Wind SW

Force of ~~surface current~~, Wind 4

Direction of ~~bottom current~~, Drift NE½N 3/8

Force of bottom current,

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

To what service attached, U.S.F.C.

Name and rank of commanding officer, James E. Smith
Master U.S.N.

Name and position of observer, J.M. Leighton
Mate U.S.N.

1252

REMARKS.

Specimens Obtained
Starfish Skate Flounder
Sand Crabs

TEMPERATURE RECORD.

Instrument used, Beam Trawl

Current number of observation, 1252

Date, Aug 20' 1888

Locality, Menemshaw Bight

Bearings, Gayhead W x N 3/4 N

Tarpaulin Cove N x E 7/8 E Quicks Hole North

Time of day, 1050 ; of tide, East

State of sky, VC

Temperature of air, 69

" surface of water, 65

" at depth of ~~[illegible]~~ fathoms,

" of bottom, 63

Depth, in fathoms, 10

Nature of bottom, Sand

Direction of ~~surface current,~~ Wind N W

Force of ~~surface current,~~ Wind 4

Direction of ~~bottom current,~~ Drift N N W 1/8

Force of bottom current,

Name of vessel, U S S Fish Hawk

To what service attached, U S F C

Name and rank of commanding officer, James A Smith
Mate U G N

Name and position of observer,
J M Leighton
Mate U G N

BEWVBKB

1253

REMARKS.

Specimens Obtained
Sand dollars Conchs Flounders
Skate Sand Crabs. Kelp

TEMPERATURE RECORD.

Instrument used, Beam Trawl

Current number of observation, 1253

Date, Aug 23" 1888

Locality, Menemsha Bight

Bearings, Tarpaulin Cove N N E 7/8 E
Gayhead W N W, Quicks Hole N N W

Time of day, 11.05 am ; of tide, Ecost

State of sky, bc

Temperature of air, 69

" surface of water, 64

" at depth of fathoms,

" of bottom, 63

Depth, in fathoms, 10

Nature of bottom, Sand

Direction of ~~surface current~~ Wind, N W

Force of ~~surface current~~ Wind, 4

Direction of ~~bottom current~~ Drift, N N W 1/4

Force of bottom current,

Name of vessel, U S S Fish Hawk

To what service attached, U S F C

Name and rank of commanding officer, James A Smith
Mate U S N

Name and position of observer,
J M Leighton
Mate U S N

1254

REMARKS.

Specimens Obtained
Lobsters crabs Sea Robins Skate
Flounders & ~~Crabs~~ Kelp

TEMPERATURE RECORD.

Instrument used, Beam Trawl

Current number of observation, 1254

Date, August 23 1888

Locality, Menemsha Bight

Bearings, Tarpaulin Cove N N E 5/8 E
Gay head W X N Quicks Hole N X W 3/4 W

Time of day, 11,23 ; of tide, East

State of sky, Vc

Temperature of air, 68.5

" surface of water, 64.5

" at depth of fathoms,

" of bottom, 63

Depth, in fathoms, 9

Nature of bottom, Sand

Direction of ~~surface current~~ wind, N W

Force of ~~surface current~~ wind, 4

Direction of ~~bottom current~~ drift, N N W 1/4

Force of bottom current,

Name of vessel, U S S Fish Hawk

To what service attached, U S F C

Name and rank of commanding officer, James A Smith
Mate U S N

Name and position of observer,
J M Linington
Mate Ufn

1255

REMARKS.

Specimens Obtained
Kelp Skate Clam shells Flounders
Skid + eggs

TEMPERATURE RECORD.

Instrument used, Beam Trawl

Current number of observation, 1255

Date, August 23" 1888

Locality, Menemsha Bight

Bearings, Tarpaulin Cove N N E

Gayhead W x N 5/8 N Quicks Hole N N W 1/8 W

Time of day, 11.45 ; of tide, East

State of sky, Vc

Temperature of air, 68.5

" surface of water, 65

" at depth of fathoms,

" of bottom, 63

Depth, in fathoms, 18 ~~4~~

Nature of bottom, Sand

Direction of ~~surface current,~~ Wind N W

Force of ~~surface current,~~ Wind 4

Direction of ~~bottom current,~~ Drift N N W 1/4

Force of bottom current,

Name of vessel, U S S Fish Hawk

To what service attached, U S F C

Name and rank of commanding officer, James A Smith
Mate U G N

Name and position of observer,
J M Lenighton
Mate U G N

1256

REMARKS.

Specimens Obtained
Kelp Sand Dollars

TEMPERATURE RECORD.

Instrument used, Dredge

Current number of observation, 1256

Date, Aug 23" 1888

Locality, Vineyard Sound

Bearings, West end No Mans Land S 3/4 E
Vineyard Sd St Ship N W. Gayhead S E x S 1/4 S

Time of day, 12.36 Pm ; of tide, East

State of sky, bc

Temperature of air, 62

" surface of water, 64

" at depth of fathoms,

" of bottom, 61.

Depth, in fathoms, 16

Nature of bottom, Sand broken shell

Direction of ~~surface current~~ Wind, N W

Force of ~~surface current~~ Wind, 4

Direction of ~~bottom current~~ Drift, E x N 1/4

Force of bottom current,

Name of vessel, U S S Fish Hawk

To what service attached, U S F C

Name and rank of commanding officer, James A Smith
Mate U G N

Name and position of observer,
J Mulnighton
Mate U G N

1257

REMARKS.

Specimens Obtained
Kelp Rock sponge, Skate
Sand Dollars, Cunners

TEMPERATURE RECORD.

Instrument used, Beam Trawl

Current number of observation, 1257

Date, Aug 23rd 1888

Locality, Vineyard Sound

Bearings, Vineyard & Ships N & W 1/2 W
Cuttyhunk N & W 1/2 W Gayhead SE 3/4 E

Time of day, 1.08 P.M.; of tide, Ebb

State of sky, Dc

Temperature of air, 64

" surface of water, 64

" at depth of fathoms,

" of bottom, 59

Depth, in fathoms, 14

Nature of bottom, Sand broken shell

Direction of ~~surface current~~, Wind West

Force of ~~surface current~~, Wind 3

Direction of ~~bottom current~~, Drift N N E 1/8

Force of bottom current,

Name of vessel, U S S Fish Hawk

To what service attached, U S F C

Name and rank of commanding officer, James Smith
Mate U S N

Name and position of observer, J M Leighton
Mate U S N

1208

REMARKS.

Specimens obtained
Sea Robins Hair skate &
Flounders. Kelp

TEMPERATURE RECORD.

Instrument used, Beam Trawl

Current number of observation, 1258

Date, Aug 23d 88

Locality, Vineyard Sound

Bearings, Vineyard Lt Ship W N W
Cuttyhunk N N W 1/8 W Gayhead S E 1/8 E

Time of day, 1.26 Pm ; of tide, West

State of sky, Vc

Temperature of air, 63.5

" surface of water, 64

" at depth of fathoms,

" of bottom, 59

Depth, in fathoms, 15.5

Nature of bottom, Sand

Direction of ~~surface current~~ Wind, West

Force of ~~surface current~~ Wind, 3

Direction of ~~bottom current~~ Drift, N X E 3/8

Force of bottom current,

Name of vessel, U S S Fish Hawk

To what service attached, U S F C

Name and rank of commanding officer, James A Smith
Mate U S N

Name and position of observer, J M Lenighton
Mate refn

1259

REMARKS.

Specimens Obtained
Yellow sponge Skate Flounders
Kelp Hake

TEMPERATURE RECORD.

Instrument used, Beam Trawl

Current number of observation, 1259

Date, Aug 23" 88

Locality, Vineyard Sound

Bearings, Vineyard Lt Ship N W x W 1/4 W
Cuttyhunk N 1/2 W Gayhead E 1/2 N

Time of day, 2 PM ; of tide, Ebb Mid

State of sky, Cl

Temperature of air, 64.5

" surface of water, 64.5

" at depth of fathoms,

" of bottom, 58.5

Depth, in fathoms, 18

Nature of bottom, Sand

Direction of ~~surface current~~, Wind West

Force of ~~surface current~~, Wind 3

Direction of ~~bottom current~~, Drift N E x N 1/2

Force of bottom current,

Name of vessel, 66 Fish Hawk

To what ~~service~~ attached, 6676

Name and rank of commanding officer,

Name and position of observer, J. M. Leighton
Mate U.S.F.C.

1260

REMARKS.

Specimens Obtained
Dead Shell

TEMPERATURE RECORD.

Instrument used, Dredge

Current number of observation, 1260

Date, Aug 23" 88

Locality, Vineyard Sound

Bearings, Vineyard Lt Ship W & N 1/2 N
Cuttyhunk N & E Gayhead S E 1/4 E

Time of day, 2.30 Pm; of tide, West

State of sky, V C

Temperature of air, 65

" surface of water, 64

" at depth of fathoms,

" of bottom, 60

Depth, in fathoms, 16

Nature of bottom, Sand Mud & broken shell

Direction of ~~surface current~~ Wind West

Force of ~~surface current~~ Wind 3

Direction of ~~bottom current~~ Drift W S W 1/4

~~Force of bottom current~~

Name of vessel, U S S Fish Hawk

To what service attached, U S F C

Name and rank of commanding officer,

Name and position of observer, J Mclaughton
Mate Sfn

1261

REMARKS.

Specimens Obtained
Skate Hermit Crabs Holth

TEMPERATURE RECORD.

Instrument used, ~~Brass~~ Nawl

Current number of observation, 1261

Date, August 23 88

Locality, Vineyard Sound

Bearings, Vineyard Lt Ship N W X W 3/4 W
Cuttyhunk E X N 1/4 N Gayhead N E 1/8 E

Time of day, 3.06 PM ; of tide, West

State of sky, Vc

Temperature of air, 64.5

" surface of water, 63

" at depth of fathoms,

" of bottom, 61

Depth, in fathoms, 14.5

Nature of bottom, Sand

Direction of ~~surface current,~~ Wind West

Force of ~~surface current,~~ Wind 3

Direction of ~~bottom current,~~ Drift N E

Force of bottom current,

Name of vessel, U S S Fish Hawk

To what service attached, U S F C

Name and rank of commanding officer,

Name and position of observer, J M Lenighton
Mate Nfn

1262

REMARKS.

Specimen Obtained

Dead shell clams Hermit Crabs
Rock spong Puffers. Mussels
Skuid Scallop Scup Sea Robbins
Skate. Spider Crabs

1262

TEMPERATURE RECORD.

Instrument used, Beam Trawl

Current number of observation, 1262

Date, Aug 28' 88

Locality, Off Falmouth Vineyard Sound

Bearings, Falmouth Heights N E 5/8 E

Robbins Lt Ho W x S 3/4 S West Chop Lt Ho S S E 5/8 E

Time of day, 10.14 am; of tide, East

State of sky, Vc

Temperature of air, 65

" surface of water, 67

" at depth of fathoms,

" of bottom, 68

Depth, in fathoms, 5

Nature of bottom, Sandy

Direction of ~~surface current~~ wind, N

Force of ~~surface current~~ wind, 5

Direction of ~~bottom current~~ Drift, N E x E 1/8

Force of bottom current,

Name of vessel, U S F C Str Fish Hawk

To what service attached, U S F C.

Name and rank of commanding officer, James A Smith
Mate U S N

Name and position of observer,
J M Leighton
Mate U S N

1263

REMARKS.

Specimens obtained
Same as 1262

TEMPERATURE RECORD.

Instrument used, Beam Trawl

Current number of observation, 1263

Date, Aug 28' 88

Locality, Off Falmouth Vineyard Sound

Bearings, Falmouth Heights N E 5/8 N

Nobska Lt Ho W x S 1/4 S Nut Chop S E x S 1/4 S

Time of day, 10 2 AM; of tide, East

State of sky, VC

Temperature of air, 64

" surface of water, 67

" at depth of fathoms,

" of bottom, 67

Depth, in fathoms, 5

Nature of bottom, Sand

Direction of ~~surface current~~ wind, N W

Force of ~~surface current~~ wind, 5

Direction of ~~bottom current~~ drift, N E x N 1/8

Force of bottom current,

Name of vessel, U S S Fish Hawk

To what service attached, U S F C

Name and rank of commanding officer, James A Smith
Mate Usn

Name and position of observer,
J M Leighton
Mate Usn

1264

REMARKS.

Specimens Obtained
Dead shell star fish Sea Urchins
Scallops flat fish young scup
Rock sponge sea weed & Ell grass
Conchs

TEMPERATURE RECORD.

Instrument used, Beam Trawl

Current number of observation, 1264

Date, Aug 28 88

Locality, Off Falmouth Vineyard Sound

Bearings, Falmouth Heights N x E 1/2 E

Nobska Lt Ho W 3/4 S. West Chop Lt Ho S x E 3/8 E

Time of day, 10.48 am ; of tide, East

State of sky, Va

Temperature of air, 66

" surface of water, 67

" at depth of fathoms,

" of bottom, 67

Depth, in fathoms, 8

Nature of bottom, Sand

Direction of ~~surface current~~ wind, N W

Force of ~~surface current~~ wind, 5

Direction of ~~bottom current~~ flight, N E x E 1/8

Force of bottom current,

Name of vessel, U S Str Fish Hawk

To what service attached, U S F C

Name and rank of commanding officer, James A Smith
Mate U S N

Name and position of observer, J M Leighton
Mate U S N

1265

REMARKS.

Specimens Obtained
Dead shell Sand Crabs Hermit Crabs
Rock sponge Eel grass

TEMPERATURE RECORD.

Instrument used, Beam Trawl

Current number of observation, 1265

Date, Aug 28 88

Locality, Off Falmouth Vineyard Sound

Bearings, West Chop S x E 1/4 E

Nobska Lt W 5/8 N. East Chop Lt S E 1/4 E

Time of day, 11,04 ; of tide, East

State of sky, Ve

Temperature of air, 66

" surface of water, 67

" at depth of fathoms,

" of bottom, 68

Depth, in fathoms, 10

Nature of bottom, Sand

Direction of ~~surface current~~ Wind, N W

Force of ~~surface current~~ Wind, 5

Direction of ~~bottom current~~ Drift, N E 1/8

Force of bottom current,

Name of vessel, U S Str Fish Hawk

To what service attached, U S F C

Name and rank of commanding officer, James A Smith
Mate Ufn

Name and position of observer,
J Mckrighton
Mate Ufn

REMARKS

1266

REMARKS.

Specimens Obtained
Conchs clams spider crabs, Land
Crabs Scallops

TEMPERATURE RECORD.

Instrument used, Beam Trawl

Current number of observation, 1266

Date, Aug 28" 88

Locality, Off Hyannis Vineyard Sound

Bearings, Succonnessett Lt Ship W x N 1/8 N
Colliers Beacon N 7/8 E Bishop & Clark Lt N E & E 1/4 E

Time of day, 12,14 PM ; of tide, East

State of sky, V C

Temperature of air, 67

" surface of water, 70

" at depth of fathoms,

" of bottom, 69.5

Depth, in fathoms, 16.5

Nature of bottom, Sand

Direction of ~~surface current~~ wind, N W

Force of ~~surface current~~ wind, 5

Direction of ~~bottom current~~ drift, N E

Force of bottom current,

Name of vessel, U S Str Fish Hawk

To what service attached, U S F C

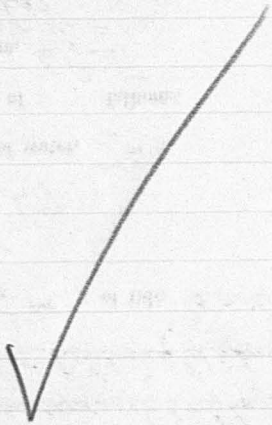
Name and rank of commanding officer, James A Smith
Mate U S F C

Name and position of observer, J Mulrighton
Mate U S F C

1267

REMARKS.

Specimens Obtained
Dead shell



TEMPERATURE RECORD.

Instrument used, Dredge

Current number of observation, 1267

Date, Aug 28" 88

Locality, Off Hyannis Vineyard Sound

Bearings, Succonnessett St Ship W x S

Colliers Beacon N E 1/8 N. Bishop + Clarks St N E x E 3/4 E

Time of day, 12.45 Pm ; of tide, Ecost

State of sky, Vc

Temperature of air, 66

" surface of water, 69

" at depth of fathoms,

" of bottom, 69

Depth, in fathoms, 15.5

Nature of bottom, Small broken shell

Direction of ~~surface current~~ wind, N W

Force of ~~surface current~~ wind, 5

Direction of ~~bottom current~~ drift, N x E

Force of bottom current,

Name of vessel, U S Fish Hawk

To what service attached, U S F C

Name and rank of commanding officer, James A Smith
Mate Ufn

Name and position of observer, J M Leighton
Mate Ufn

1268

REMARKS.

Specimens obtained
Spider crabs. Sea moss
Corals

TEMPERATURE RECORD.

Instrument used, Beam Trawl

Current number of observation, 1268

Date, Aug 28 88

Locality, Off Hyannis Vineyard Sound

Bearings, Succonnessette Lt Ship N X N ½ N
Colliers Beacon N X E ½ N Bishop & Clarks St N E X E ½ E

Time of day, 12.55 Pm ; of tide, East

State of sky, Vc

Temperature of air, 65

" surface of water, 68.5

" at depth of fathoms,

" of bottom, 69

Depth, in fathoms, 17

Nature of bottom, Sand

Direction of ~~surface current~~ wind, N W

Force of ~~surface current~~ wind, 5

Direction of ~~bottom current~~ drift, N E X N

Force of bottom current,

Name of vessel, U S Str Fish Hawk

To what service attached, U S F C

Name and rank of commanding officer, James A Smith
Mate U S N

Name and position of observer, J M Leighton
Mate U S N

1269

REMARKS.

Specimens obtained
Shells and

TEMPERATURE RECORD.

Instrument used, Dredge

Current number of observation, 1269

Date, Aug 28th 88

Locality, Off Hyannis Vineyard Sound

Bearings, Succonnessett Lt Ship N W x W 7/8 W
Colliers Beacon N N E. Bishop & Clarks Lt N E x E 1/4 E

Time of day, 1.18 Pm ; of tide, East

State of sky, Vc

Temperature of air, 64

" surface of water, 68.5

" at depth of fathoms,

" of bottom, 69

Depth, in fathoms, 13.

Nature of bottom, Sand

Direction of ~~surface current~~ wind, N W

Force of ~~surface current~~ wind, 5

Direction of ~~bottom current~~ drift, N N E 1/4

Force of bottom current,

Name of vessel, U S St Fish Hawk

To what service attached, U S F C

Name and rank of commanding officer, James A Smith
Mate Nfn

Name and position of observer, J M Leighton
Mate Nfn

1270

REMARKS.

Specimens Obtained
Spider Crabs, Conchs. sea
moss. Young scup, dead shells

TEMPERATURE RECORD.

Instrument used, Beam Trawl

Current number of observation, 1270

Date, Aug 28th 88

Locality, Off Hyannis Vineyard Sound

Bearings, Succonnessette Lt Ship N W N W

Colliers Beacon N x 6 7/8 E. Bishop & Clarks Lt N E 1/4 N

Time of day, 1.44 Pm ; of tide, East

State of sky, Cloudy

Temperature of air, 65

" surface of water, 68

" at depth of fathoms,

" of bottom, 69

Depth, in fathoms, 13

Nature of bottom,

Direction of ~~surface current~~ wind, N W

Force of ~~surface current~~ wind, 5

Direction of ~~bottom current~~ drift, N E x N

Force of bottom current,

Name of vessel, U S Str Fish Hawk

To what service attached, U S F C

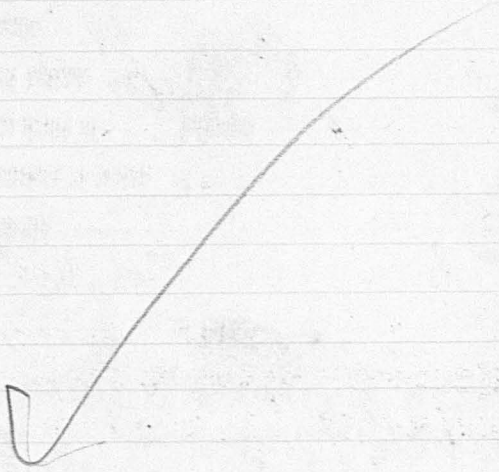
Name and rank of commanding officer, James A Smith
Mate Upm

Name and position of observer, J M Leighton
Mate Upm

1271

REMARKS.

Specimens Obtained
Spider Crabs Mussels & Shells
Rock weed & Sponge



TEMPERATURE RECORD.

Instrument used, Beam Trawl

Current number of observation, 1271

Date, Aug 28' 88

Locality, Off Hyannis Vineyard Sound

Bearings, Duc Connessett Lt Ship N W 1/8 W
Colliers Beacon N & E 5/8 E. Bishop & Clarks Lt N E & E 3/4 E

Time of day, 2.10 Pm ; of tide, East

State of sky, Cloudy

Temperature of air, 64

" surface of water, 68

" at depth of fathoms,

" of bottom, 68

Depth, in fathoms, 10

Nature of bottom, Sand

Direction ~~of surface current,~~ wind N W

Force of ~~surface current,~~ wind 5

Direction ~~of bottom current,~~ drift E X N

Force of bottom current,

Name of vessel, U S Str Fish Hawk

To what service attached, U S F C

Name and rank of commanding officer, James A Smith
Mate Syn

Name and position of observer,
J M Leighton
Mate Syn

1272

REMARKS.

Specimens Obtained
Flat fish skate star fish Pecten
Young scup conchs Sea Robbins

TEMPERATURE RECORD.

Instrument used, Beam Trawl

Current number of observation, 1272

Date, Sept 3" 88

Locality, Menemsha Bight Vineyard Sound

Bearings, Gay head W 3/4 S

Quicks Hole N 1/2 W Tarpaulin Cove N E 1/2 N

Time of day, 10.58 ; of tide, West

State of sky, b c

Temperature of air, 68

" surface of water, 66

" at depth of fathoms,

" of bottom, 6.4

Depth, in fathoms, 7

Nature of bottom, Sand

Direction of ~~surface current~~ wind, S E

Force of ~~surface current~~ wind, 3

Direction ~~of bottom current~~ drift, W ~~7/8~~ mag 1/8

Force of bottom current,

Name of vessel, U Str Fish Hawk

To what service attached, U S F C

Name and rank of commanding officer, James A Smith
Mate Mfn

Name and position of observer, J M Lenighton
Mate Mfn

1273

REMARKS.

Specimens Obtained
Same as 1272

TEMPERATURE RECORD.

Instrument used, Beam Trawl

Current number of observation, 1273

Date, Sept 3rd 88 Vineyard Sound

Locality, Menemsha Bight Vineyard Sound

Bearings, Gay Head W 5/8 S

Quicks Hole N 3/8 W Tarpaulin Cove N 1/2 W E

Time of day, 11.15 am ; of tide, West

State of sky, bc

Temperature of air, 68

" surface of water, 67.5

" at depth of fathoms,

" of bottom, 64

Depth, in fathoms, 8

Nature of bottom, Sand

Direction of ~~surface current,~~ wind SE

Force of ~~surface current,~~ wind 3

Direction of ~~bottom current,~~ drift W 1/2 S mag 1/8

Force of bottom current,

Name of vessel, U S Str Fish Hawk

To what service attached, U S F C

Name and rank of commanding officer, James A Smith
Mate Nfm

Name and position of observer, J M Leighton
Mate Nfm

1274

REMARKS.

Specimens Obtained
Lobsters Skate Sea Robbins Young
scup

TEMPERATURE RECORD.

Instrument used, Beam Trawl

Current number of observation, 1274

Date, Sept 3 88

Locality, Menemsha Bight Vineyard Sound

Bearings, Gayhead W 5/8 N

Quicks Hole N 3/4 W Tarpaulin Cove N X E 7/8 E

Time of day, 11.35 am ; of tide, West

State of sky, Vc

Temperature of air, 68

" surface of water, 66.5

" at depth of fathoms,

" of bottom, 64.5

Depth, in fathoms, 8

Nature of bottom, Sand

Direction of ~~surface current~~ wind, S E

Force of ~~surface current~~ wind, 3

Direction of ~~bottom current~~ drift, W 1/2 S mag 1/8

Force of bottom current,

Name of vessel, U S Str Fish Hawk

To what service attached, U S F C

Name and rank of commanding officer, James A Smith
Mate Nfm

Name and position of observer, J M Lenighton
Mate Nfm

1275

REMARKS.

Specimens obtained
Same as 1274

TEMPERATURE RECORD.

Instrument used, Beam Trawl

Current number of observation, 1275

Date, Sept 3" 88

Locality, Menemsha Bight Vineyard Sound

Bearings, Gayhead W 5/8 N

Quicks Hole N X W 1/8 W Tarpaulin Cove N X E 3/4 E

Time of day, 11.45 am ; of tide, West

State of sky, Vc

Temperature of air, 68

" surface of water, 69

" at depth of fathoms,

" of bottom, 64.5

Depth, in fathoms, 7

Nature of bottom, Sand

Direction of ~~surface current~~ Wind, S E

Force of ~~surface current,~~ Wind 3

Direction of ~~bottom current,~~ Drift W S W Mag 1/8

Force of bottom current,

Name of vessel, U S Str Fish Hawk

To what service attached, U S F C

Name and rank of commanding officer, James A Smith
Mate Nfn

Name and position of observer, J M Lenighton
Mate Nfn

1276

REMARKS.

Specimens obtained
David Dallas

Summer Sun.

TEMPERATURE RECORD.

Instrument used, Chester Rake Dredge

Current number of observation, 1276

Date, Sept 3" 88

Locality, Vineyard Sound

Bearings, Gayhead SW 3/4 W

Vineyard St Ship W N W Tarpaulin Cove N E 7/8 N

Time of day, 12.27 Pm; of tide, West

State of sky, Vc

Temperature of air, 68

" surface of water, 67

" at depth of fathoms,

" of bottom, 64 15

Depth, in fathoms, 11.5

Nature of bottom, Sand & Mud

Direction of ~~surface current,~~ Wind S E

Force of ~~surface current,~~ Wind 3

Direction of ~~bottom current,~~ Drift West 1/2 S mag 1/8

Force of bottom current,

Name of vessel, U S Str Fish Hawk

To what service attached, U S F C

Name and rank of commanding officer, James H Smith Mate Ufn

Name and position of observer, J M Leighton Mate Ufn

1277

REMARKS.

Specimen Obtained
Sand dollars

TEMPERATURE RECORD.

Instrument used, Chester Rake Dredge

Current number of observation, 1277

Date, Sept 3rd 88

Locality, Vineyard Sound

Bearings, Tarpaulin Cove N E X N 1/8 N
Vineyard St Ship W X N 5/8 N Gay head S X W 5/8 W

Time of day, 12.48 Pm; of tide, West

State of sky, Vc

Temperature of air, 68

" surface of water, 65

" at depth of fathoms,

" of bottom, 64

Depth, in fathoms, 12

Nature of bottom, Sand Mud

Direction of ~~surface current,~~ Wind S W

Force of ~~surface current,~~ Wind 2

Direction of ~~bottom current,~~ Drift W 1/2 N mag 1/4

Force of bottom current,

Name of vessel,

To what service attached,

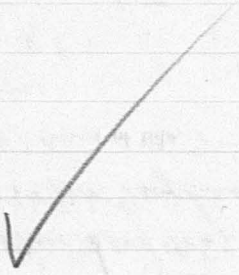
Name and rank of commanding officer, James H Smith
Mate Sgn

Name and position of observer, J M Leighton
Mate Sgn

1278

REMARKS.

Hyamens Obtained
Sand Dollars Skate Flat fish
Scallops, Hermit Crabs
Sea Urchins



TEMPERATURE RECORD.

Instrument used, Beam Trawl

Current number of observation, 1278

Date, Sept 3 88

Locality, Vineyard Sound

Bearings, Vineyard Lt Ship N W x W 3/4 W
Tarpaulin Cove N E 1/2 N Gayhead S W 3/4 W

Time of day, 1.25 Pm ; of tide, West

State of sky, bc

Temperature of air, 67

" surface of water, 65

" at depth of fathoms,

" of bottom, 64

Depth, in fathoms, 12.5

Nature of bottom, Sand

Direction of ~~surface current~~ wind, S W

Force of ~~surface current~~ wind, 2

Direction of ~~bottom current~~ drift, N W x W 1/2 W Mag 1/8

Force of bottom current,

Name of vessel, U S Str Fish Hawk

To what service attached, U S F C

Name and rank of commanding officer, James A Smith
Mate U S F C

Name and position of observer,
J M Leighton
Mate U S F C

1279

REMARKS.

Specimens Obtained
Sand Dollars, Pecten, Flat fish
Sponge Sea Robbins. Hermit crabs
Hoike. Kelp Sea Urchins

TEMPERATURE RECORD.

Instrument used, Beam Trawl

Current number of observation, 1279

Date, Sept 3d 88

Locality, Vineyard Sound

Bearings, Vineyard Lt Ship W N W
Tarpaulin Cove N E ½ E Gayhead S W ½ S

Time of day, 1-54 ; of tide, Ebb

State of sky, Oc

Temperature of air, 67

" surface of water, 65

" at depth of fathoms,

" of bottom, 64

Depth, in fathoms, 15

Nature of bottom, Sand

Direction of ~~surface current~~, Wind SE

Force of ~~surface current~~, Wind 2

Direction of ~~bottom current~~, Drift W ½ N Mags ⅛

Force of bottom current,

Name of vessel, U S Str Fish Hawk

To what service attached, U S F C

Name and rank of commanding officer,

Name and position of observer,

1280

REMARKS.

Specimens Obtained
Sand dollars, Star fish, Pectins
Sea Robbins. Sea Urchins Hermit Crabs
Sand crabs Flat fish, Sea Ravens

TEMPERATURE RECORD.

Instrument used, Beam Trawl

Current number of observation, 1280

Date, Sept 3 88

Locality, Vineyard Sound

Bearings, Vineyard St Ship N W X W 3/4 W
Tarpaulin Cove N E 3/4 N Gayhead S W 3/4 S

Time of day, 2.15 Pm ; of tide, East

State of sky, bc

Temperature of air, 72

" surface of water, 69

" at depth of fathoms,

" of bottom, 63

Depth, in fathoms, 16

Nature of bottom, Sand shell

Direction of ~~surface current,~~ wind S E

Force of ~~surface current,~~ wind 3

Direction of ~~bottom current,~~ drift S X W 7/8 W Mag 1/8

Force of bottom current,

Name of vessel, U S Str Fish Hawk

To what service attached, U S F C

Name and rank of commanding officer, James A. Smith
Mate U S N

Name and position of observer,
J Mcknighton
Mate U S N

1281

REMARKS.

Specimens Obtained
Plunders, Cunners, ~~Pompano~~
King fish, Tautog

TEMPERATURE RECORD.

Instrument used, Beam Trawl

Current number of observation, 1281

Date, Sept 5th 88

Locality, Vineyard Sound

Bearings, Nobska St S ~~W~~ W 1/2 W

Mat Chop S 1/4 W East Chop S X E 1/4 E

Time of day, 2.40 Pm ; of tide, West

State of sky, Vc

Temperature of air, 70

" surface of water, 69

" at depth of fathoms,

" of bottom, 10

Depth, in fathoms, 3

Nature of bottom, Sand

Direction of ~~surface current~~ wind, S W

Force of ~~surface current~~ wind, 2

Direction of ~~bottom current~~ Drift, S W X W mag 1/8

Force of bottom current,

Name of vessel, U S Str Fish Hawk

To what service attached, U S F C

Name and rank of commanding officer, James A Smith
Mate USN

Name and position of observer,
J M Lenighton
Mate USN

1282

REMARKS.

Specimens Obtained
Sand Crabs Sea Robbins
Spider Crabs, Kelp, Head
Shells,

TEMPERATURE RECORD.

Instrument used, Beam Trawl

Current number of observation, 1282

Date, Sept 5th 88

Locality, Vineyard Sound

Bearings, Nobska W 1/4 N

West Chop S 5/8 W East Chop S X E 1/8 E

Time of day, 3 Pm ; of tide, West

State of sky, Vc

Temperature of air, 70

" surface of water, 67

" at depth of fathoms,

" of bottom, 68

Depth, in fathoms, 5

Nature of bottom, Sand

Direction of ~~surface current,~~ wind SW

Force of ~~surface current,~~ wind 2

Direction of ~~bottom current,~~ drift SW X W mag 1/8

Force of bottom current,

Name of vessel, U S Str Fish Hawk

To what service attached, U S F C

Name and rank of commanding officer, James A Smith Mate Hdqrs

Name and position of observer,

1280

REMARKS.

Specimens obtained
leniche crabs sponge
Spider crabs, Hermit crabs
Coral shells, Star fish

TEMPERATURE RECORD.

Instrument used, Beam Trawl

Current number of observation, 1283

Date, Sept 5th 88

Locality, Vineyard Sound

Bearings, Nobska W 1/8 S
West Chop S W 1/4 S East Chop S by W 3/4 W

Time of day, 3.38 PM; of tide, West

State of sky, Vc

Temperature of air, 68

" surface of water, 69

" at depth of fathoms,

" of bottom, 69

Depth, in fathoms, 13

Nature of bottom, Sand

Direction of ~~surface current~~ Wind, SW

Force of ~~surface current~~ Wind, 3

Direction of ~~bottom current~~ Under-current, S E by E 1/2 E mag

Force of bottom current,

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

To what service attached, U.S.F.C.

Name and rank of commanding officer, James A Smith
Master U.S.N.

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

1284

REMARKS.

Specimens Obtained
Spider Crabs. Hermit Crabs
Land Crabs, Mud Shells
Sponges

TEMPERATURE RECORD.

Instrument used, Beam Nawl

Current number of observation, 1284

Date, Sept 5" 88

Locality, Vineyard Sound

Bearings, Nobska W 1/8 N

West Chop SW East Chop SW x S 1/2 S

Time of day, 4.07 PM ; of tide, West

State of sky, LC

Temperature of air, 68

" surface of water, 69

" at depth of fathoms,

" of bottom, 69

Depth, in fathoms, 6

Nature of bottom, Sand

Direction of ~~surface current~~ Wind, E N E

Force of ~~surface current~~ Wind, 3

Direction of ~~bottom current~~ drift, West Mag 1/4

Force of bottom current,

Name of vessel, U S Str Fish Hawk

To what service attached, U S F C

Name and rank of commanding officer, James A Smith
Mate Ufn

Name and position of observer,
J M Leighton
Mate Ufn

1285

REMARKS.

Specimens Obtained
Spider Crabs Sponge Sea Urchins
Young scup. Swell fish

TEMPERATURE RECORD.

Instrument used, Beam Trawl

Current number of observation, 1285

Date, Sept 5th 88

Locality, Vineyard Sound

Bearings, Tarpaulin Cove W X S 1/8 S

Gay head S W 7/8 W West Chop S E 1/8 S

Time of day, 5 Rec ; of tide, East

State of sky,

Temperature of air, 69

" surface of water, 68

" at depth of fathoms,

" of bottom, 68

Depth, in fathoms, 12

Nature of bottom,

Direction of ~~surface current~~ wind, E N E

Force of ~~surface current~~ wind, 3

Direction of ~~bottom current~~ drift, S W X W Mag

Force of bottom current,

Name of vessel, U S Str Fish Hawk

To what service attached, U S F C

Name and rank of commanding officer, James A Smith
Mate U S Fn

Name and position of observer,
J Enlonighton
Mate U S Fn

REMARKS.

St Ship S 93 W
B & Clarke N 76. E
C Beacon N 55. E

Ships Head ~~N~~ E & N ½ N ~~F~~ 1276
Gay Head S 49½ W
Vineyard St Ship N 74½ W
Tarpaulin Cove N 40½ E

To Gayhead - 13
To Falmouth 15 - Sup 28"