Dredging Stations
7978 to 7999.

Fish Hawk

From Sept 23 - 13
To Oct 18 - 13

Coast of North Carolina

yr. 1913

643

RECORD OF DREDGING

TEMPERATURE AND DENSITY

Station No. 7978

Date, 9.23.13

Time of day, 7:28 a.m. ; of tide,

Locality, Beaufort to Cape Lookout

Exact position, NNW 7 miles from Sta. 7977.

Depth, 14 3/4 fathoms.

Nature of bottom, S. Co. Sh.

Dredging instrument used, Chain Haul - Mud Bag

Direction of drift, S.W. ; distance, 0

Temperature of air, 69 Fahr. therm. No., 69

" of surface water, " 76

" at depth of fathoms, "

" at bottom, "

Density at surface, temp., Celsius.

" at depth of fathoms, "

" at bottom, "

Number of salinometer, 3

Barometer reading, 30.11

State of sky, Clear

Direction of wind N.E. ; force, 5

Rain,

Direction of surface current, ; force,

" of bottom " ; force,

Name and position of observer,

H—1068

Lat. 34° 06' N.

Long. 77° 23' 30" W

NOTES RELATING TO STATION NO. .....

643

RECORD OF DREDGING

TEMPERATURE AND DENSITY

Station No. 7979

Date, 9. 23. 13.

Time of day, 8 35 am. ; of tide,

Locality, Beaufort to Cape Fear

Exact position, 0 1/2 N 0 Miles

from Sta. 7978

Depth, 15 1/2 fathoms

Nature of bottom, J. Chase & Co.

Dredging instrument used, Beam trawl - mag bag

Direction of drift, SW ; distance, 0

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

" of surface water, 76 "

" at depth of fathoms, "

" at bottom, "

Density at surface, temp., Celsius.

" at depth of fathoms, "

" at bottom, "

Number of salinometer,

Barometer reading, 30.13

State of sky, Clear

Direction of wind NE ; force, 5

Rain,

Direction of surface current, ; force,

" of bottom " ; force,

Name and position of observer,

11—1068

Lat 33° 59' N

Long 79° 52' W

NOTES RELATING TO STATION NO. .....

643

RECORD OF DREDGING

TEMPERATURE AND DENSITY

Station No. 7980

Date, 9.24.13

Time of day 8:20 A.M. ; of tide,

Locality, Cape Fear

Exact position, Bald head lt. No. Cape Fear N 1/2 E 3/4 E.

Depth, 3 1/2 fathoms

Nature of bottom, Mud & Sand

Dredging instrument used, Beam trawl - Dredge bag

Direction of drift, No. ; distance, 0

Temperature of air, 71 Fahr. therm. No., 71

" of surface water, 73 "

" at depth of fathoms, "

" at bottom, "

Density at surface, temp., Celsius.

" at depth of fathoms, "

" at bottom, "

Number of salinometer,

Barometer reading, 30.21

State of sky, Clear

Direction of wind No. ; force, 2

Rain,

Direction of surface current, ; force,

" of bottom " ; force,

Name and position of observer,

11—1068

33 48 15

Lat. ~~34°~~ ~~58'~~ No.

Long ~~79°~~ ~~59'~~ ~~45"~~ W

77° 59' 15" W

NOTES RELATING TO STATION NO. .....

643

RECORD OF DREDGING

TEMPERATURE AND DENSITY

Station No. 7981

Date, 9. 24. 13.

Time of day, 8.55 am; of tide,

Locality, Cape Fear.

Exact position, Buoy Lead NE - Cape Fear NW x E

Depth, 4 fathoms

Nature of bottom, M & S

Dredging instrument used, Beam trawl

Direction of drift, 0 ; distance, 0

Temperature of air, 71 Fahr. therm. No., 71

" of surface water, 73 "

" at depth of fathoms, "

" at bottom, "

Density at surface, temp., Celsius.

" at depth of fathoms, "

" at bottom, "

Number of salinometer,

Barometer reading, 30.31

State of sky, Clear

Direction of wind N. ; force, 3

Rain,

Direction of surface current, ; force,

" of bottom " ; force,

Name and position of observer,

11—1068

Lat 34° 49' N

Long 78° 00' 45" W

NOTES RELATING TO STATION NO. .....

643

RECORD OF DREDGING

TEMPERATURE AND DENSITY

Station No. 1985

Date, 9, 24, 13.

Time of day, 9:38 am; of tide,

Locality, Cape Ann

Exact position, Gale head NE½N Cape Ann E

Depth, 5 fathom

Nature of bottom, Mud

Dredging instrument used, Dantzard-Musbey Mud Sampler

Direction of drift, None; distance, None

Temperature of air, 70 Fahr. therm. No., 70

" of surface water, 74 "

" at depth of fathoms, "

" at bottom, "

Density at surface, temp., Celsius.

" at depth of fathoms, "

" at bottom, "

Number of salinometer,

Barometer reading, 30.24

State of sky, Clear

Direction of wind N ; force, 2

Rain,

Direction of surface current, ; force,

" of bottom " ; force,

Name and position of observer,

11—1068

Lat 33° 50' 40" N

Long 48 07 30" W

GP and Bearings doubtful check

van

NOTES RELATING TO STATION NO. .....

643

RECORD OF DREDGING

TEMPERATURE AND DENSITY

Station No. 7983.

Date, 9, 24, 13

Time of day, 10:35 am ; of tide,

Locality, Cape Elizabeth

Exact position, Bald head NE × E 1/2 E
Cape Eliz. E.

Depth, 5 fathoms

Nature of bottom, Mud.

Dredging instrument used, Beamtrawl - mud

Direction of drift, SW ; distance, None

Temperature of air, 73 Fahr. therm. No., 73

" of surface water, 74 "

" at depth of fathoms, "

" at bottom, "

Density at surface, temp., Celsius.

" at depth of fathoms, "

" at bottom, "

Number of salinometer,

Barometer reading, 30.27

State of sky, Clear

Direction of wind NE ; force, 2

Rain,

Direction of surface current, ; force,

" of bottom " ; force,

Name and position of observer,

11—1068

Lat 33° 50' N.
Long 78° 03' 30" W

GP and Bearings Lorch Check
Van

NOTES RELATING TO STATION NO. .....

643

RECORD OF DREDGING

TEMPERATURE AND DENSITY

Station No. 7984

Date, 9, 24, 13.

Time of day, 11:10 Am ; of tide,

Locality, Cape Ann

Exact position, Bass Head N x E 3/4 E

Cape Ann NE x E 3/4 E.

Depth, 7 fathom

Nature of bottom, M. S.

Dredging instrument used, Beam trawl

Direction of drift, SW ; distance, None

Temperature of air, 73 Fahr. therm. No., 73

" of surface water, 74 "

" at depth of fathoms, "

" at bottom, "

Density at surface, temp., Celsius.

" at depth of fathoms, "

" at bottom, "

Number of salinometer,

Barometer reading, 30.52

State of sky, Clear

Direction of wind NE ; force, 5

Rain,

Direction of surface current, ; force,

" of bottom " ; force,

Name and position of observer,

H—1068.

Lat 33° 48' 20"

Long. 78 04 20

01 30

NOTES RELATING TO STATION NO. .....

RECORD OF DREDGING

TEMPERATURE AND DENSITY

Station No. 7985

Date, 9. 24. 13

Time of day 2:04 pm ; of tide,

Locality, Cape Fear

Exact position, Breakers NE 1/4 E Cape Fear E x N.

Depth, 7 1/2 fathom

Nature of bottom, Sh. & Co.

Dredging instrument used, Beam trawl - grund big.

Direction of drift, None ; distance, None

Temperature of air, 73 Fahr. therm. No., 5

" of surface water, 74 "

" at depth of fathoms, "

" at bottom, "

Density at surface, temp., Celsius.

" at depth of fathoms, "

" at bottom, "

Number of salinometer,

Barometer reading, 30.53

State of sky, Clear

Direction of wind NE ; force, 3

Rain,

Direction of surface current, ; force,

" of bottom " ; force,

Name and position of observer,

11—1068

Lat. 33° 50' N.

Long 78° 03' W

02' 46"

NOTES RELATING TO STATION NO. .....

643

RECORD OF DREDGING

TEMPERATURE AND DENSITY

Station No. 7986

Date, 9, 24, 13

Time of day, 3:34 pm; of tide,

Locality, Cape Ann

Exact position, Breakwater NE x E NE

Cape Ann E 1/2 N

Depth, 7 1/4 fathoms

Nature of bottom, Sh. Co.

Dredging instrument used, Clean Trawl — Mud Bag

Direction of drift, none; distance, none

Temperature of air, 76 Fahr. therm. No., 75

" of surface water, 75 "

" at depth of fathoms, "

" at bottom, "

Density at surface, temp., Celsius.

" at depth of fathoms, "

" at bottom, "

Number of salinometer, 3

Barometer reading, 30.22

State of sky, Clear

Direction of wind NE; force, 3

Rain,

Direction of surface current, ; force,

" of bottom " ; force,

Name and position of observer,

11—1068

Lat. 33° 50' N

Long. 78° 05' W

64 30

NOTES RELATING TO STATION NO. .....

643

RECORD OF DREDGING

TEMPERATURE AND DENSITY

Station No. 1987

Date, 9.24.1/3

Time of day, 3.45 p.m.; of tide,

Locality, Cape Fear.

Exact position, Beacon E 1/4 N.
Cape Fear E x S 1/2 S.

Depth, 5 fathoms

Nature of bottom, S. Sh. Co.

Dredging instrument used, Bentwood. mud sampler

Direction of drift, 75 ; distance, 75

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

" of surface water, "

" at depth of fathoms, "

" at bottom, "

Density at surface, temp., Celsius.

" at depth of fathoms, "

" at bottom, "

Number of salinometer,

Barometer reading, 30.5 r

State of sky, Clear

Direction of wind NE ; force, 5

Rain,

Direction of surface current, ; force,

" of bottom " ; force,

Name and position of observer,

11—1068

Lat. 33° 57' N

Long 78° 04' W

03 30

NOTES RELATING TO STATION NO. .....

643

RECORD OF DREDGING

TEMPERATURE AND DENSITY

Station No. 7988.

Date, 9.24.13.

Time of day, 4:28 pm ; of tide,

Locality, Cape Fear

Exact position, Buoyhead 50 NE 1½ E
Cape Fear NE x E ½ E

Depth, 4½ fathoms.

Nature of bottom, M & Sh.

Dredging instrument used, Beam Trawl and Sampler

Direction of drift, None ; distance, None

Temperature of air, 73 Fahr. therm. No., 74

" of surface water, 75 "

" at depth of fathoms, "

" at bottom, "

Density at surface, temp., Celsius.

" at depth of fathoms, "

" at bottom, "

Number of salinometer,

Barometer reading, 30.32

State of sky, Clear

Direction of wind NE ; force, 4

Rain,

Direction of surface current, ; force,

" of bottom " ; force,

Name and position of observer,

11—1068

		48	50
Lat	33°	~~49'~~	N
Long	78°	~~07'~~ 01'	W 40"

NOTES RELATING TO STATION NO. .....

643

RECORD OF DREDGING

TEMPERATURE AND DENSITY

Station No. 7989

Date, 9.26.13

Time of day, 3¾ p.m. ; of tide,

Locality, 30 mi. E½S ¾E from

Exact position, Jones Pass Choal light-ship.

Depth, 17 fathom.

Nature of bottom, S. O sh.

Dredging instrument used, Med bag.

Direction of drift, None ; distance, None

Temperature of air, 77 Fahr. therm. No., 76

" of surface water, 73 "

" at depth of fathoms, "

" at bottom, "

Density at surface, temp., Celsius.

" at depth of fathoms, "

" at bottom, "

Number of salinometer, 3

Barometer reading, 30.08

State of sky, Clear.

Direction of wind NE ; force, 1

Rain,

Direction of surface current, ; force,

" of bottom " ; force,

Name and position of observer,

H—1068

Lat. 33° 45' 30" N

Long. 77° 16' W

NOTES RELATING TO STATION NO. 7989.

Put over large surface net at 4:54 p.m. 6 mi. W 1/2 So. of Sta. 7989 & towed 150 minutes

Put over surface net 15 miles W 1/2 S from Sta 7989 at 7:10 p.m. towed 10 minutes.

RECORD OF DREDGING

TEMPERATURE AND DENSITY

Station No. 7990

Date, 9. 27. 13

Time of day, 600 am ; of tide,

Locality, Off Beaufort.

Exact position, Cape Lookout E x So 1/4 S. Rulbury E NE.

Depth, 9 fathom.

Nature of bottom, M. Sh. S. Sh.

Dredging instrument used, Mud Sampler.

Direction of drift, None ; distance, None

Temperature of air, 74 Fahr. therm. No., 74

" of surface water, 73 "

" at depth of fathoms, "

" at bottom, "

Density at surface, temp., Celsius.

" at depth of fathoms, "

" at bottom, "

Number of salinometer,

Barometer reading, 30.01

State of sky, Clear

Direction of wind N ; force, 1

Rain,

Direction of surface current, ; force,

" of bottom " ; force,

Name and position of observer,

Lat 34° 39' N

Long 76° 45' W

NOTES RELATING TO STATION NO. .....

643

RECORD OF DREDGING

TEMPERATURE AND DENSITY

Station No. 7991

Date, 9. 27. '3

Time of day, 6:19 am ; of tide,

Locality, La. E. S 1/2 S Beabony

Exact position, 8 4 8

Depth, 8 1/4 fathoms

Nature of bottom, Sm. S.

Dredging instrument used, Mud Sampler

Direction of drift, None ; distance, None

Temperature of air, 74 Fahr. therm. No., 74

" of surface water, 73 "

" at depth of fathoms, "

" at bottom, "

Density at surface, temp., Celsius.

" at depth of fathoms, "

" at bottom, "

Number of salinometer,

Barometer reading, 30.01

State of sky, clear

Direction of wind SW ; force, 1

Rain,

Direction of surface current, ; force,

" of bottom " ; force,

Name and position of observer,

11—1068

Lat: 34° 59' N

Long: 76° 43 W

NOTES RELATING TO STATION NO. .....

643

RECORD OF DREDGING

TEMPERATURE AND DENSITY

Station No. 7997

Date, 4.27.13

Time of day, 6:43 am; of tide,

Locality, Off Beaufort.

Exact position, L.O. OE x E 3/4 E

Bell buoy NW x W 1/4 W.

Depth, 7 1/4 fathom.

Nature of bottom, M. & S.

Dredging instrument used, Mud Sampler

Direction of drift, None ; distance, None.

Temperature of air, 74 Fahr. therm. No., 74

" of surface water, 73 "

" at depth of fathoms, "

" at bottom, "

Density at surface, temp., Celsius.

" at depth of fathoms, "

" at bottom, "

Number of salinometer,

Barometer reading, 30.01

State of sky, Clear.

Direction of wind N.W. ; force, 5

Rain,

Direction of surface current, ; force,

" of bottom " ; force,

Name and position of observer,

11—1068

Lat. 34° 39' N.

Long. 76° 42' W

NOTES RELATING TO STATION NO. .....

643

RECORD OF DREDGING

TEMPERATURE AND DENSITY

Station No. 7993.

Date, 10.17.13.

Time of day, 1:42 PM; of tide,

Locality, Fishing Grounds. L.O. Light.

Exact position, Ship N S N 1/4 W.

2 miles - L.O. Buoy N 1/4 S.

Depth, 14 3/4 fathoms

Nature of bottom, S & Sh.

Dredging instrument used, Beautiful sand bag.

Direction of drift, None ; distance, None

Temperature of air, 78 Fahr. therm. No., 38

" of surface water, 74 "

" at depth of fathoms, "

" at bottom, "

Density at surface, temp., Celsius.

" at depth of fathoms, "

" at bottom, "

Number of salinometer,

Barometer reading, 30.06

State of sky, Clear

Direction of wind SE ; force, 2

Rain,

Direction of surface current, ; force,

" of bottom " ; force,

Name and position of observer,

11—1068

Lat. 34° 21' 30" N.

Long. 76° 23' 28"

NOTES RELATING TO STATION NO. .....

643

RECORD OF DREDGING

TEMPERATURE AND DENSITY

Station No. 7994

Date, 10. 17. 13

Time of day, 1.57 P.M.; of tide,

Locality, Fishing Grounds.

Exact position, L.S. light W S W 1/4 W.
7 miles - Buoy W 1/4 N.

Depth, 15 fathoms

Nature of bottom, S. & Sh.

Dredging instrument used, Beam trawl

Direction of drift, None ; distance, None

Temperature of air, 79 Fahr. therm. No., 78

" of surface water, 74 "

" at depth of fathoms, "

" at bottom, "

Density at surface, temp., Celsius.

" at depth of fathoms, "

" at bottom, "

Number of salinometer,

Barometer reading, 30.06

State of sky, Clear

Direction of wind SE ; force, 4

Rain,

Direction of surface current, ; force,

" of bottom " ; force,

Name and position of observer,

H—1068

Lat. 34° 22' N
Long. 76° 22' W

NOTES RELATING TO STATION NO. .....

643

RECORD OF DREDGING

TEMPERATURE AND DENSITY

Station No. 1995

Date, 10. 17. 13

Time of day, 7.15 pm.; of tide,

Locality, Fishing Grounds.

Exact position, L.O. Lightship SW × W 1/4 W. Buoy W 1/4 S.

Depth, 14 3/4 fathoms

Nature of bottom, S. Sh.

Dredging instrument used, Beam trawl

Direction of drift, None; distance, None

Temperature of air, 78 Fahr. therm. No., 78

" of surface water, 74 "

" at depth of fathoms, "

" at bottom, "

Density at surface, temp., Celsius.

" at depth of fathoms, "

" at bottom, "

Number of salinometer,

Barometer reading, 30.06

State of sky, Clear

Direction of wind S.E.; force, 2

Rain,

Direction of surface current, ; force,

" of bottom " ; force,

Name and position of observer,

11—1068

Lat. 34° 22' 15" N

Long. 76° 22' 30" W

NOTES RELATING TO STATION NO. .....

643

RECORD OF DREDGING

TEMPERATURE AND DENSITY

Station No. 7996

Date, 10. 17. 13

Time of day, 2 30 pm; of tide,

Locality, Fishing Ground.

Exact position, S.E. lightship OW 1½ M. Buoy W & N 1½ M.

Depth, 14 3/4 fathoms

Nature of bottom, Co. & grs.

Dredging instrument used, Beautroul - mud bag.

Direction of drift, None; distance, None

Temperature of air, 78 Fahr. therm. No., 98

" of surface water, 74 "

" at depth of fathoms, "

" at bottom, "

Density at surface, temp., Celsius.

" at depth of fathoms, "

" at bottom, "

Number of salinometer,

Barometer reading, 30.06

State of sky, Clear

Direction of wind SE ; force, 4

Rain,

Direction of surface current, ; force,

" of bottom " ; force,

Name and position of observer,

11—1068

Lat. 34° 22' N

Long. 76° 73' 30" W

NOTES RELATING TO STATION NO. .....

643

RECORD OF DREDGING

TEMPERATURE AND DENSITY

Station No. 7995

Date, 10. 18. 13.

Time of day, 1.55 pm; of tide,

Locality, Bogue Inlet.

Exact position, Bogue Inlet N x E 3/8 E. Bear Inlet N.

Depth, 9 3/4 fathoms.

Nature of bottom, W. Gr. S. Sh.

Dredging instrument used, Beam trawl & mud bag.

Direction of drift, No. ; distance, No.

Temperature of air, 78 Fahr. therm. No., 76

" of surface water, 71 "

" at depth of fathoms, "

" at bottom, "

Density at surface, temp., Celsius.

" at depth of fathoms, "

" at bottom, "

Number of salinometer,

Barometer reading, 29.93.

State of sky, Clear.

Direction of wind SW. ; force, 3.

Rain,

Direction of surface current, ; force,

" of bottom " ; force,

Name and position of observer,

11—1068

Lat. 34° 27' 30" N

Long 78° 08' W

NOTES RELATING TO STATION NO. 7997

Stand line fishing 3.50
to 4.15 pm.

643

RECORD OF DREDGING

TEMPERATURE AND DENSITY

Station No. 7998.

Date, 10. 18. 13

Time of day, 4.20 pm, of tide,

Locality, Rogue Inlet.

Exact position, New River Inlet N 1/2 W 1 1/4 Miles. #

Depth, 6 fathom

Nature of bottom, N. Gr. S. Sh. Sol. p.

Dredging instrument used, Beautaud & sand bag.

Direction of drift, None ; distance, None

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

" of surface water, 71 "

" at depth of fathoms, "

" at bottom, "

Density at surface, temp., Celsius.

" at depth of fathoms, "

" at bottom, "

Number of salinometer,

Barometer reading, 29.91

State of sky, Clear

Direction of wind N ; force, 3

Rain,

Direction of surface current, ; force,

" of bottom " ; force,

Name and position of observer,

11—1068

Lat 34° 38' N.

Long. 77° 19' W.

NOTES RELATING TO STATION NO. .....

RECORD OF DREDGING

TEMPERATURE AND DENSITY

Station No. 7999.

Date, 10. 18. 13.

Time of day, 5:03 p.m. of tide,

Locality, New River Inlet.

Exact position, New River Inlet N × W 1/2 W.

Depth, 6 fathom.

Nature of bottom, W. S. Sh. Sol. p. r.

Dredging instrument used, Beam Trawl, Mud bag.

Direction of drift, NE ; distance, None

Temperature of air, 74 Fahr. therm. No., 74

" of surface water, 71 "

" at depth of fathoms, "

" at bottom, "

Density at surface, temp., Celsius.

" at depth of fathoms, "

" at bottom, "

Number of salinometer,

Barometer reading, 29.91

State of sky, Clear

Direction of wind SW ; force, 3

Rain,

Direction of surface current, ; force,

" of bottom " ; force,

Name and position of observer,

Lat: 34° 29' 15" N.

Long: 77° 17' 30" W.

NOTES RELATING TO STATION NO. .....

RECORD OF DREDGING

TEMPERATURE AND DENSITY

Station No.

Date,

Time of day, ; of tide,

Locality,

Exact position,

Depth,

Nature of bottom,

Dredging instrument used,

Direction of drift, ; distance,

Temperature of air, Fahr. therm. No.,

" of surface water, "

" at depth of fathoms, "

" at bottom, "

Density at surface, temp., Celsius.

" at depth of fathoms, "

" at bottom, "

Number of salinometer,

Barometer reading,

State of sky,

Direction of wind ; force,

Rain,

Direction of surface current, ; force,

" of bottom " ; force,

Name and position of observer,

NOTES RELATING TO STATION NO. .....

RECORD OF DREDGING

TEMPERATURE AND DENSITY

Station No.

Date,

Time of day, ; of tide,

Locality,

Exact position,

Depth,

Nature of bottom,

Dredging instrument used,

Direction of drift, ; distance,

Temperature of air, Fahr. therm. No.,

" of surface water, "

" at depth of fathoms, "

" at bottom, "

Density at surface, temp., Celsius.

" at depth of fathoms, "

" at bottom, "

Number of salinometer,

Barometer reading,

State of sky,

Direction of wind ; force,

Rain,

Direction of surface current, ; force,

" of bottom " ; force,

Name and position of observer,

NOTES RELATING TO STATION NO. .....

RECORD OF DREDGING

TEMPERATURE AND DENSITY

Station No.

Date,

Time of day, ; of tide,

Locality,

Exact position,

Depth,

Nature of bottom,

Dredging instrument used,

Direction of drift, ; distance,

Temperature of air, Fahr. therm. No.,

" of surface water, "

" at depth of fathoms, "

" at bottom, "

Density at surface, temp., Celsius.

" at depth of fathoms, "

" at bottom, "

Number of salinometer,

Barometer reading,

State of sky,

Direction of wind ; force,

Rain,

Direction of surface current, ; force,

" of bottom " ; force,

Name and position of observer,

NOTES RELATING TO STATION NO. .....

RECORD OF DREDGING

TEMPERATURE AND DENSITY

Station No.

Date,

Time of day, ; of tide,

Locality,

Exact position,

Depth,

Nature of bottom,

Dredging instrument used,

Direction of drift, ; distance,

Temperature of air, Fahr. therm. No.,

" of surface water, "

" at depth of fathoms, "

" at bottom, "

Density at surface, temp., Celsius.

" at depth of fathoms, "

" at bottom, "

Number of salinometer,

Barometer reading,

State of sky,

Direction of wind ; force,

Rain,

Direction of surface current, ; force,

" of bottom " ; force,

Name and position of observer,

NOTES RELATING TO STATION NO. .....

RECORD OF DREDGING

TEMPERATURE AND DENSITY

Station No.

Date,

Time of day, ; of tide,

Locality,

Exact position,

Depth,

Nature of bottom,

Dredging instrument used,

Direction of drift, ; distance,

Temperature of air, Fahr. therm. No.,

" of surface water, "

" at depth of fathoms, "

" at bottom, "

Density at surface, temp., Celsius.

" at depth of fathoms, "

" at bottom, "

Number of salinometer,

Barometer reading,

State of sky,

Direction of wind ; force,

Rain,

Direction of surface current, ; force,

" of bottom " ; force,

Name and position of observer,

NOTES RELATING TO STATION NO. .....

RECORD OF DREDGING

TEMPERATURE AND DENSITY

Station No.

Date,

Time of day, ; of tide,

Locality,

Exact position,

Depth,

Nature of bottom,

Dredging instrument used,

Direction of drift, ; distance,

Temperature of air, Fahr. therm. No.,

" of surface water, "

" at depth of fathoms, "

" at bottom, "

Density at surface, temp., Celsius.

" at depth of fathoms, "

" at bottom, "

Number of salinometer,

Barometer reading,

State of sky,

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Rain,

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" at depth of fathoms, "

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