Dredging Stations
7978 to 7999.

Fish Hawk

From Sept 23 - 13
To Oct 18 - 13

Coast of North Carolina.

FISH HAWK
7978
To
7999

yr. 1913

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, N.N.W 7 miles from Sta. 7977.

Depth, 14 3/4 fathoms.

Nature of bottom, S. Co. Sh.

Dredging instrument used, Otter Trawl - 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,

Lat. 34° 06' N.
Long. 77° 23' 30" W

RECORD OF DREDGING

TEMPERATURE AND DENSITY

Station No. 7979

Date, 9. 23. 13.

Time of day, 8 30 am ; of tide,

Locality, Beaufort to Cape Fear

Exact position, 0 1/2 W 0 Miles from Sta. 7978

Depth, 15 1/2 fathoms

Nature of bottom, S. Shell & 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,

Lat 33° 59' N
Long 79° 52' W

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 N E 3/4 E.

Depth, 3 1/2 fathoms

Nature of bottom, Mud & Sand

Dredging instrument used, Beam trawl - Dang 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,

Lat. ~~34°~~ 33 ~~28'~~ 48 ~~No.~~ 15

Long ~~79°~~ ~~79' 40" W~~

77° 59' 15" W

RECORD OF DREDGING

TEMPERATURE AND DENSITY

Station No. 79 81

Date, 9. 24. 13.

Time of day, 8:55 a.m.; of tide,

Locality, Cape Fear.

Exact position, Bald Head 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,

Lat 34° 49' N

Long 78° 00' 45" W

643

RECORD OF DREDGING

TEMPERATURE AND DENSITY

Station No. 7984

Date, 9, 24, 13.

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

Locality, Cape Fear

Exact position, Bald head NE¼N Cape Fear E

Depth, 5 fathom

Nature of bottom, Mud

Dredging instrument used, Beam trawl - Mud bag - 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, 30.22

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" ~~51'~~ N

Long 78 ~~07'~~ 30" W

GP and Bearings don't check

van

643

RECORD OF DREDGING

TEMPERATURE AND DENSITY

Station No. 7983.

Date, 9, 24, 13

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

Locality, Cape Fear

Exact position, Bald head NE × E 1/4 E
Cape Fear E.

Depth, 5 fathoms

Nature of bottom, Mud.

Dredging instrument used, Beamtrawl - mud
Dry.

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 22

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° 04' W
0 3 30

GP and Bearings don't check
van

643

RECORD OF DREDGING

TEMPERATURE AND DENSITY

Station No. 7984

Date, 9.24.13.

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

Locality, Cape Fear

Exact position, Bald head N x E 3/4 E
Cape Fear 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, 30.23

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° 48' 20" N

Long. 78 ~~07~~ 01 30 W

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, Baldhead NE 1/4 E
Cape Fear E & N.

Depth, 7 1/2 fathom

Nature of bottom, Sh. & Co.

Dredging instrument used, Beam trawl - mud bag.

Direction of drift, None ; distance, None

Temperature of air, 72 Fahr. therm. No., 7

" 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, 30.23

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' 40"

RECORD OF DREDGING

TEMPERATURE AND DENSITY

Station No. 7986

Date, 9, 24, 13

Time of day, 2:34 pm of tide,

Locality, Cape Fear

Exact position, Baldhead NE x E ½ E
Cape Fear E ½ N

Depth, 7 1/4 fathoms

Nature of bottom, Sh. Co.

Dredging instrument used, Beam 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
04 30

RECORD OF DREDGING

TEMPERATURE AND DENSITY

Station No. 1987

Date, 9.24.13

Time of day, 3.45 pm; of tide,

Locality, Cape Fear.

Exact position, Bald head E 1/2 N.
Cape Fear E x S 1/2 S.

Depth, 5 fathoms

Nature of bottom, S. Sh. Co.

Dredging instrument used, Beam trawl, 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, 30.52

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° 52' N
Long 78° 04' W
03 30

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, Bald Head SW NE 1/2 E
Cape Fear NE x E 1/2 E

Depth, 4 1/2 fathoms -

Nature of bottom, Sm & 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, 30.22

State of sky, Clear

Direction of wind NE ; force, 2

Rain,

Direction of surface current, ; force,

" of bottom " ; force,

Name and position of observer,

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

643

RECORD OF DREDGING

TEMPERATURE AND DENSITY

Station No. 7989

Date, 9.26.13

Time of day, 3 39 p.m. ; of tide,

Locality, 30 mi. E N E 3/4 E from

Exact position, Frying pan Choal light-ship.

Depth, 17 fathom.

Nature of bottom, S. & Sh.

Dredging instrument used, Mud 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,

11—1068

Lat. 33° 45' 30" N

Long. 77° 16' W

NOTES RELATING TO STATION NO. 7989.

Net over large surface
Net at 4:54 p.m. 6 mi.
W 1/2 So. of Stn. 7989
towed 150 minutes

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

643

RECORD OF DREDGING

TEMPERATURE AND DENSITY

Station No. 7990

Date, 9.27.13

Time of day, 6.09 am ; of tide,

Locality, Off Beaufort.

Exact position, Cape Lookout Ex
So 1/4 S. Bell bus y E N E.

Depth, 9 fathom.

Nature of bottom, M. bl. 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 W ; force, 1

Rain,

Direction of surface current, ; force,

" of bottom " ; force,

Name and position of observer,

11—1068

Lat 34° 39' N

Long 76° 42' W

643

RECORD OF DREDGING

TEMPERATURE AND DENSITY

Station No. 7991

Date, 9. 27. '13

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

Locality, L.O. E × S 1/2 S Bedbony

Exact position, E N E

Depth, 8 1/4 fathoms

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 W ; force, 1

Rain,

Direction of surface current, ; force,

" of bottom " ; force,

Name and position of observer,

11—1068

Lat: 34° 39' N

Long: 76° 42 W

RECORD OF DREDGING

TEMPERATURE AND DENSITY

Station No. 7992

Date, 9.27.'3

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

Locality, Off Beaufort

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

Bell bouy NW x W 1/4 W.

Depth, 7 1/4 fathom.

Nature of bottom, M. & S.

Dredging instrument used, Mud Sambka

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, 2

Rain,

Direction of surface current, ; force,

" of bottom " ; force,

Name and position of observer,

11—1068

Lat. 34° 39' N.

Long. 76° 42' W

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 W 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, Beamtrawl & mud 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,

Lat. 34° 21' 30" N.

Long. 76° 23' W.

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 - Bury 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,

W—1068

Lat. 34° 22' N
Long. 76° 22' W

RECORD OF DREDGING

TEMPERATURE AND DENSITY

Station No. 7995

Date, 10. 17. 13

Time of day, 2.15 pm.; of tide,

Locality, Fishing Grounds.

Exact position, S.S. 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., 58

" 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,

Lat. 34° 22' 15" N

Long. 76° 22' 30" W

643

RECORD OF DREDGING

TEMPERATURE AND DENSITY

Station No. 7996

Date, 10.17.13

Time of day, 2³⁰ pm; of tide,

Locality, Fishing Grounds.

Exact position, L.O. lightship SW 1/2 W. Buoy W S W 1/2 W.

Depth, 14 3/4 fathoms

Nature of bottom, Co. & grs.

Dredging instrument used, Beam trawl & mud bag.

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 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° 23' 30" W.

RECORD OF DREDGING

TEMPERATURE AND DENSITY

Station No. 7997

Date, 10. 18. 13.

Time of day, 1.57 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.

RECORD OF DREDGING

TEMPERATURE AND DENSITY

Station No. 7998.

Date, 10. 18. 13

Time of day, 4.30 pm, of tide,

Locality, Bogue Inlet.

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

Depth, 6 fathoms

Nature of bottom, M. Gr. S. Sh. Wh. P.

Dredging instrument used, Beautiful 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 NW ; 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.

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 ½ 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° 39' 15" N.

Long. 75° 17' 30" W.