8048 to 8095

yr. 1914

Lincoln Park

RECORD OF DREDGING

TEMPERATURE AND DENSITY

Station No. 204P

Date, 2/18/14

Time of day, 7 45 3 07 ; of tide, Ebb.

Locality, Cheam Spar Bury, 16 C.

Exact position,

Depth, 16 3/4-17-17 1/2-20-20 1/4-20-16

Nature of bottom, soft mud

Dredging instrument used, Beaumont dredge

Direction of drift, S x E. ; distance,

Temperature of air, 4.50 C Fahr. therm. No.,

" of surface water, 1.7 " 5

" at depth of 10 fathoms, 7.45 C 2.41 " 15

" at bottom, 3.5 20 3.7 " 25 3.8

Density at surface, temp., Celsius.

" at depth of fathoms, "

" at bottom, "

Number of salinometer,

Barometer reading, 30.02

State of sky, Overcast

Direction of wind S.E. ; force, 2

Rain,

Direction of surface current, ; force,

" of bottom " ; force,

Name and position of observer,

11—1068

#1424

NOTES RELATING TO STATION NO. 5048

Water sampler 3.18

643

RECORD OF DREDGING

TEMPERATURE AND DENSITY

Station No. 8049

Date, 2/18/14

Time of day 3 42 - 4 0.11 ; of tide, Ebb

Locality, Bayley Sc.

Exact position, Sparling 16D N x E 1/2 E

Depth, 25 - 25 - 20 - 19 - 17 1/2

Nature of bottom, Hard bottom

Dredging instrument used, Beaumont

Direction of ~~drift~~ dredge, S x E 1/2 E distance,

Temperature of air, 3 C 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, 30.02

State of sky, Overcast

Direction of wind SE. ; force, 2

Rain,

Direction of surface current, ; force,

" of bottom " ; force,

Name and position of observer,

11—1068

Chart #, 224

NOTES RELATING TO STATION NO. .....

643

RECORD OF DREDGING

TEMPERATURE AND DENSITY

Station No. 2050

Date, 2/19/14

Time of day, 8^35 – 8^55 ; of tide, flood

Locality, Hooper Sd light

Exact position, Edge of ch WNW 1/4 W.

Hooper Sd Lt. SE 3/4 S.

Depth, 20-18/8/15 3/4-13-12 1/2

Nature of bottom, hard mud

Dredging instrument used, Beaurhard

Direction of ~~drift~~ dredge, SxE 1/2 E distance,

Temperature of air, 8.5 C 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, 29.84

State of sky, Overcast rain

Direction of wind SE ; force, 3

Rain,

Direction of surface current, ; force,

" of bottom " ; force,

Name and position of observer,

11—1068

Chart #1724

NOTES RELATING TO STATION NO. .....

643

RECORD OF DREDGING

TEMPERATURE AND DENSITY

Station No. 6057

Date, 2/19/14

Time of day, 9 a.m. – 9½ ; of tide, Hard

Locality, Harpers Ferry

Exact position, Cedar Pt. 3 W/P N Harpers Ferry E/A S.

Depth, 21-20-17½-17½

Nature of bottom,

Dredging instrument used, Beam trawl

Direction of ~~drift~~ drag, N x W. ; distance,

Temperature of air, 8°C 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, 29.84

State of sky, Overcast + rain

Direction of wind SE. ; force, 3

Rain,

Direction of surface current, ; force,

" of bottom " ; force,

Name and position of observer,

11—1068

Chart #1324

NOTES RELATING TO STATION NO. .....

643

RECORD OF DREDGING

TEMPERATURE AND DENSITY

Station No. 5052

Date, 2/19/14

Time of day, 9 55-10 10 ; of tide, Flood

Locality, Hoopers Island

Exact position, " Lt. East.

Bar #16 a NE 3/4 m.

Depth, 21/2-21 1/2-22-21-21-20

Nature of bottom, soft blue mud

Dredging instrument used, Beam trawl

Direction of ~~drift~~ dredge, SE ; distance,

Temperature of air, 5. C 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, 29.84

State of sky, Overcast + rain

Direction of wind SE. ; force, 3

Rain,

Direction of surface current, ; force,

" of bottom " ; force,

Name and position of observer,

11—1068

Chart #1724

NOTES RELATING TO STATION NO. 20 v 3

Water sampled at
11.10 a.m. 3 1/2 fathoms

643

RECORD OF DREDGING

TEMPERATURE AND DENSITY

Station No. 60 V 3

Date, 2/19/14

Time of day, 11^35 - 11^45 ; of tide, Flood

Locality, Harper straits

Exact position, Hoofer I. bears N 1/4 W.

Depth, 23 1/2 - 24 24 1/2

Nature of bottom, soft blk mud

Dredging instrument used, Beam trawl dredge

Direction of ~~drift~~, SxE ; distance,

Temperature of air, 6. 5c Fahr. therm. No.,

" of surface water, 1.9c "

" at depth of 5 1.75 10 fathoms, 2.14c "

" at bottom, 15 2.6 20 - 3.0c 25 3.0 8c temp., Celsius.

Density at surface,

" at depth of fathoms, "

" at bottom, "

Number of salinometer,

Barometer reading, 29.82

State of sky, Overcast & rain

Direction of wind SE. ; force, 2

Rain,

Direction of surface current, ; force,

" of bottom " ; force,

Name and position of observer,

11—1068

Chart #1274

NOTES RELATING TO STATION NO. .....

643

RECORD OF DREDGING

TEMPERATURE AND DENSITY

Station No. 8054

Date, 2/19/14

Time of day, 1-45-2-16 ; of tide, Ebbing

Locality, Pt. No Pt. light

Exact position,

Pt. No Pt. light - N.N.W. 1/4 W.

Depth, 20 1/2 - 20 1/4 - 19 1/2 - 16 - 15 1/4 - 14 1/4 - 14 3/4 - 16 - 17 - 18 - 18 1/2 - 20 1/2

Nature of bottom,

Dredging instrument used, Beam trawl

Direction of ~~drift~~ drift S x E ; distance,

Temperature of air, 7.5 C 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, 29.76

State of sky, Overcast + rain

Direction of wind S.E. ; force, 2

Rain,

Direction of surface current, ; force,

" of bottom " ; force,

Name and position of observer,

11—1068

Chart #1224

NOTES RELATING TO STATION NO. .....

643

RECORD OF DREDGING

TEMPERATURE AND DENSITY

Station No. 80 S S

Date, 2#/21/14

Time of day, 9 56 – 10 17; of tide, Ebb.

Locality, Squirt to Light

Exact position, Squirt Pt. Lt. S. S. W.

Bury Dr 1/2 N.

Depth, 18 3/4 - 17 - 17 1/2 - 13 1/2 - 16 3/4 - 17 - 13 1/2 - 14
13 3/4

Nature of bottom,

Dredging instrument used, Beam trawl

Direction of ~~drift~~ drage S. S. E.; distance,

Temperature of air, 72 F 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, 30.04

State of sky, Clear

Direction of wind N. ; force, 5

Rain,

Direction of surface current, ; force,

" of bottom " ; force,

Name and position of observer,

11—1068

Chart # 1224

NOTES RELATING TO STATION NO. .....

643

RECORD OF DREDGING

TEMPERATURE AND DENSITY

Station No. 2056

Date, 2/21/14

Time of day, 10-3 11-6 ; of tide, Ebb.

Locality, Smith St.

Exact position, " " Lt. N.N.W. 1/8 M.

Bury N x W.

Depth, 20-24-23-18½-16½-15¾-14¼-16¾ 17½-20½-27

Nature of bottom, soft blackish mud

Dredging instrument used, Beam trawl

Direction of ~~drift~~ dredge S3/4E ; distance,

Temperature of air, 3. C Fahr. therm. No.,

" of surface water, 7.05 C "

" at depth of 15 fathoms, 7.3 C "

" at bottom, 10 25 7.9 C 7.45 7.45 "

Density at surface, temp., Celsius.

" at depth of fathoms, "

" at bottom, "

Number of salinometer,

Barometer reading, 30.08

State of sky, Clear

Direction of wind North ; force, 5

Rain,

Direction of surface current, ; force,

" of bottom " ; force,

Name and position of observer,

11—1068

#1724

NOTES RELATING TO STATION NO. 8056

Began taking water samples at 11.45

Lost weight off water sample machine

643

RECORD OF DREDGING

TEMPERATURE AND DENSITY

Station No. 2057

Date, 2/21/14

Time of day, 1:6 P.M. ; of tide, Ebb.

Locality, Smith light

Exact position, Smith Pt. Lt. S 72 x W. 3/4 W.
Swinnis Lt. 72 x W. 1/2 W.

Depth, 28-26-25-18 1/2

Nature of bottom, Hard

Dredging instrument used, Bergen trawl

Direction of ~~drift,~~ dredge South ; distance,

Temperature of air, 4°C 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, 30.09

State of sky, Clear

Direction of wind North ; force, 5

Rain,

Direction of surface current, ; force,

" of bottom " ; force,

Name and position of observer,

11—1068

Chart # 1124

NOTES RELATING TO STATION NO. .....

RECORD OF DREDGING

TEMPERATURE AND DENSITY

Station No. 6058

Date, 2/21/17

Time of day, 2 10 2 30 ; of tide, Ebb.

Locality, Off Dennis Bar

Exact position, Dennis Lt. N. 3/4 E.

Smith Pt. Lt. N. W. 3/4 N.

Depth, 5 1/2 - 7.7 - 6 3/4 - 6 3/4

Nature of bottom, Hard

Dredging instrument used, Beam trawl

Direction of ~~drift~~, dredge South distance,

Temperature of air, 1.2 Fahr. therm. No.,

" of surface water, 1.8 "

" at depth of 5 fathoms, 1.8 "

" at bottom, "

Density at surface, temp., Celsius.

" at depth of fathoms, "

" at bottom, "

Number of salinometer,

Barometer reading, 30.10

State of sky, Clear

Direction of wind North ; force, 5

Rain,

Direction of surface current, ; force,

" of bottom " ; force,

Name and position of observer,

11—1068

#1224

NOTES RELATING TO STATION NO. 60 v 8

Water samples 6½ fathoms 2 P.M.

643

RECORD OF DREDGING

TEMPERATURE AND DENSITY

Station No. 80 v 9

Date, 2/21/14

Time of day, 2 v m - 3 14 ; of tide, Ebb.

Locality, Smith Point.

Exact position, Smith Pt. Lt. N x W 1/2 W.
Cricmico Lt. W. 1/2 W.

Depth, 27 1/2 - 25 - 25 - 23 -

Nature of bottom,

Dredging instrument used, 30' otter trawl

Direction of ~~drift,~~ dredge N x E 1/2 E; distance,

Temperature of air, 1. c 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, 30.09

State of sky, Clear

Direction of wind North ; force, v

Rain,

Direction of surface current, ; force,

" of bottom " ; force,

Name and position of observer,

11—1068

#1224

NOTES RELATING TO STATION NO. .....

643

RECORD OF DREDGING

TEMPERATURE AND DENSITY

Station No. 8060

Date, 2/22/14

Time of day, 8½ 8³⁶; of tide, Flood

Locality, Corfield Harbor

Exact position, Lookout Light S 3/4 S

Gas buoy W 1/4 S

Depth, 11¼-11½-11½-11¾-11½-10½-12¼
13

Nature of bottom,

Dredging instrument used, Beam trawl

Direction of ~~drift~~ drift, SE 1/4 E; distance,

Temperature of air, 1°C 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, 30.17

State of sky, Partly clear

Direction of wind S. W.; force, 3

Rain,

Direction of surface current, ; force,

" of bottom " ; force,

Name and position of observer,

11—1068

Chart # 557

NOTES RELATING TO STATION NO. .....

643

RECORD OF DREDGING

TEMPERATURE AND DENSITY

Station No. 061

Date, 2/22/14

Time of day, 11^11 – 10^27, of tide, Ebb.

Locality, Off Piney Pt.

Exact position, Piney Pt. N 1/4 W.,
St. George Is. E 7/8 S.

Depth, 11 1/4 - 10 1/2 - 12 - 11 1/2 - 11 3/4

Nature of bottom,

Dredging instrument used, Beam trawl

Direction of ~~drift,~~ dredge N.N.W. 1/2 W.; distance,

Temperature of air, 3 C Fahr. therm. No.,

" of surface water, 1.15 " 5

" at depth of 10 fathoms, 2.2 " 1.45

" at bottom, 14 2.38 "

Density at surface, temp., Celsius.

" at depth of fathoms, "

" at bottom, "

Number of salinometer,

Barometer reading, 30.12

State of sky, Clear

Direction of wind S.W. ; force, 2

Rain,

Direction of surface current, ; force,

" of bottom " ; force,

Name and position of observer,

11—1068

Chart # 557

NOTES RELATING TO STATION NO. 2061

Water samples at
9.15 – 15 fathoms

643

RECORD OF DREDGING

TEMPERATURE AND DENSITY

Station No. 606 r

Date, 2/22/12

Time of day, 1034-1049 ; of tide, Ebb.

Locality, Piney Pt. Light

Exact position, Ragged Pt. Lt. N. 1/2 W. 1/2 mi.
Piney Pt. E. 3/4 N.

Depth, 13 1/2 - 14 - 14 - 15

Nature of bottom,

Dredging instrument used, Beam trawl

Direction of ~~drift~~, dredge N. W.; distance,

Temperature of air, 4. C 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, 30.12

State of sky, Clear

Direction of wind S. W. ; force, 2

Rain,

Direction of surface current, ; force,

" of bottom " ; force,

Name and position of observer,

11—1068

Chart # 558

NOTES RELATING TO STATION NO. .....

643

RECORD OF DREDGING

TEMPERATURE AND DENSITY

Station No. 6063

Date, 7/22/14

Time of day, 1 57 / 2 47, of tide, Ebb.

Locality, Blackstone Island

Exact position, Bstone St. N. Or. x N. 1/4 m.

Red beacon N x E

Depth, 9 - 9 1/2 - 7 - 3 - 7

Nature of bottom,

Dredging instrument used, Beam trawl

Direction of ~~drift~~ dredge, West ; distance,

Temperature of air, 7.5 Fahr. therm. No.,

" of surface water, 1.3 "

" at depth of 5 fathoms, 1.62 "

" at bottom, 7 1.8 "

9 - 1.7

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. W. ; force, 1

Rain,

Direction of surface current, ; force,

" of bottom " ; force,

Name and position of observer,

11—1068

558

NOTES RELATING TO STATION NO. 8063

Began taking water samples 1.15 P.M. in 10 fathom water

Beam trawl carried away (line parting) at 1.50 P.M.

Recovered trawl at 2.05 P.M.

643

RECORD OF DREDGING

TEMPERATURE AND DENSITY

Station No. 4964

Date, 2/22/14

Time of day, 2.55-3.11 ; of tide, Ebb.

Locality, Off Quinnies River

Exact position, Ebb Bar Lt. N x E 7/8 E

Ebb pt. Beacon N. N. W. 1/2 W.

Depth, 7-7-6 3/4-7-5 1/2-6 1/2-5 1/2

Nature of bottom, Mud

Dredging instrument used, Beaumont

Direction of ~~drift~~ dredge, N. 25 W 3/8 yd. distance,

Temperature of air, 40 C 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, 29.98

State of sky, Clear

Direction of wind S. W. ; force, 2

Rain,

Direction of surface current, ; force,

" of bottom " ; force,

Name and position of observer,

11—1068

Chart # 558

NOTES RELATING TO STATION NO. .....

643

RECORD OF DREDGING

TEMPERATURE AND DENSITY

Station No. 606

Date, 7/23/12

Time of day, 8h 6m – 9h 13m; of tide, Ebb.

Locality, Cedar Pt.

Exact position, Spindle N. 3/4 E – Can N.W. 1.7/8 l.

Depth, 12 – 10 1/4 – 9 1/2 – 9 1/2 – 9 1/4 – 9 3/4 – 10 – 11 1/2 – 12 1/2 – 12 1/2 – 15 – 14 – 15 1/2 – 16 – 15 1/2 – 13 3/4 – 13 1/2

Nature of bottom,

Dredging instrument used, Beam trawl

Direction of ~~drift~~ dredge, N 1/2 W.; distance,

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

" of surface water, 74 "

" at depth of 9 fathoms, 75.2 "

" at bottom, 13 16.6 "

Density at surface, temp., Celsius.

" at depth of fathoms, "

" at bottom, "

Number of salinometer,

Barometer reading, 30.06

State of sky, Overcast

Direction of wind N.E.; force, 5

Rain,

Direction of surface current, ; force,

" of bottom " ; force,

Name and position of observer,

11—1068

Chart # 559

NOTES RELATING TO STATION NO. 1065

Water samples at

9.40

643

RECORD OF DREDGING

TEMPERATURE AND DENSITY

Station No. 2066

Date, 2/23/14

Time of day, 10 45 / 10 17; of tide, Ebb

Locality, Pope's creek

Exact position, Persimmon Pt. Beacon S. 7/8 W. Machias Pt. Lt. N. N. E. 1/2 E.

Depth,

Nature of bottom, Beam trawl

Dredging instrument used,

Direction of ~~drift~~ drag, N. E. ; distance,

Temperature of air, 61 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, 30.08

State of sky, Overcast. (Snow)

Direction of wind N. E. ; force, 5

Rain,

Direction of surface current, ; force,

" of bottom " ; force,

Name and position of observer,

11—1068

#559

NOTES RELATING TO STATION NO. .....

643

RECORD OF DREDGING

TEMPERATURE AND DENSITY

Station No. 8067

Date, 2/23/14

Time of day, 11 40 – 11 57; of tide, slack

Locality, Mattia Point.

Exact position, Upper Cedar Pt. N. 7/8 E.
Mathias Pt. S. W. 3/4 W.

Depth, 14 – 16½ – 20 – 20 – 10½

Nature of bottom,

Dredging instrument used, Beam trawl

Direction of ~~drift~~, dredge West; distance,

Temperature of air, 6. C Fahr. therm. No.,

" of surface water, .05 "

" at depth of 5 10 fathoms, .22 .35 "

" at bottom, 15 18 .4 .4 "

Density at surface, temp., Celsius.

" at depth of fathoms, "

" at bottom, "

Number of salinometer,

Barometer reading, 30.09

State of sky, Overcast (Sunny)

Direction of wind N. E. ; force, 5

Rain,

Direction of surface current, ; force,

" of bottom " ; force,

Name and position of observer,

11—1068

#559

NOTES RELATING TO STATION NO. 8067

Water sampler
at 1.03 P.M.

643

RECORD OF DREDGING

TEMPERATURE AND DENSITY

Station No. 868

Date, 2/23/14

Time of day, 1^h - 1^h 36^m ; of tide, Flood

Locality, Maryland Point

Exact position, Maryland St. pl. W. 1/8 M. Somerset Rock SE 3/4 E

Depth, 6 3/4 - 5 1/4 - 10 - 8 - 8 1/2 - 7

Nature of bottom,

Dredging instrument used, Beam trawl

Direction of ~~drift~~ drift, Sup 2 1/2 m; distance,

Temperature of air, 6°.0 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, 30.09

State of sky, Overcast. (Sunny)

Direction of wind NE. ; force, 5

Rain,

Direction of surface current, ; force,

" of bottom " ; force,

Name and position of observer,

11—1068

#559

NOTES RELATING TO STATION NO. .....

643

RECORD OF DREDGING

TEMPERATURE AND DENSITY

Station No. 8069

Date, 7/23/14

Time of day, 7 36 - 7 56 ; of tide, flood

Locality, Sandy Pt.

Exact position, Liverpool Pt. dredge SSE

Buoy SE 3/4 l.

Depth, 5 - 5 1/2 - 6 - 6 1/4

Nature of bottom,

Dredging instrument used, Beaudrant

Direction of ~~drift~~ dredge, N.E. ; distance,

Temperature of air, 6.2 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, 30.09

State of sky, overcast (cum)

Direction of wind N.E. ; force, 5

Rain,

Direction of surface current, ; force,

" of bottom " ; force,

Name and position of observer,

11—1068

Chart # 559

NOTES RELATING TO STATION NO. .....

643

RECORD OF DREDGING

TEMPERATURE AND DENSITY

Station No. 8070

Date, 3/18/12

Time of day, 10 41 - 11 02; of tide, flood

Locality, Off Annapolis

Exact position, Sandy Pt. N. 3/4 E.

Thomas Pt S. 1/2 X W.

Depth, 19-18 1/2-17 1/4-16 3/4-14 3/4-12 1/4-9 1/4

Nature of bottom,

Dredging instrument used, Beautard

Direction of ~~drift~~ dredge S. 3/8 W.; distance,

Temperature of air, 48° 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, 29.89

State of sky, Overcast & Cloudy

Direction of wind West; force, 6

Rain,

Direction of surface current, ; force,

" of bottom " ; force,

Name and position of observer,

11—1068

Chart # 1235

NOTES RELATING TO STATION NO. .....

643

RECORD OF DREDGING

TEMPERATURE AND DENSITY

Station No. 8071

Date, 3/9/17

Time of day, 4h 42m 3s ; ~~of tide~~, Eft.

Locality, Off Annapolis

Exact position, Brady Pt. S 15 W.

Thomas Pt. S 22 W. 3/4 W.

Depth, 19½ - 19¼ - 16½ - 15

Nature of bottom,

Dredging instrument used, 30' Alterrand

Direction of ~~drift~~ dredge, S½W; distance,

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

" of surface water, 2.5 "

" at depth of 5 fathoms, 2. "

" at bottom, 10 1.1 "
15 1.15
20

Density at surface, 1.1 temp., Celsius.

" at depth of fathoms, "

" at bottom, "

Number of salinometer,

Barometer reading, 30.04

State of sky, Partly Clear

Direction of wind West ; force, 4

Rain,

Direction of surface current, ; force,

" of bottom " ; force,

Name and position of observer,

11—1068

Chart #1225

NOTES RELATING TO STATION NO. 8071

Water Samples
at 3.00 P.M.

643

RECORD OF DREDGING

TEMPERATURE AND DENSITY

Station No. 872

Date, 3/19/14

Time of day, 4 to 5 ; of tide, Ebb.

Locality, Bloody Pt.

Exact position, Thos. Pt. Lt. N. & N. x N. Bloody Pt. Lt.

Depth, 17-17 3/4-17 1/4-19-20-22-24-26

Nature of bottom,

Dredging instrument used, Beam trawl

Direction of ~~drift~~ dredge, S x W 1/4 W; distance,

Temperature of air, 35 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, 30.05

State of sky, Overcast

Direction of wind West ; force, 5

Rain,

Direction of surface current, ; force,

" of bottom " ; force,

Name and position of observer,

11—1068

#1725

NOTES RELATING TO STATION NO. .....

643

RECORD OF DREDGING

TEMPERATURE AND DENSITY

Station No. 8073

Date, 8/21/14

Time of day, 7 45 pm ; of tide, Ebb

Locality, Poplar Island

Exact position, Bloody Pt. N. N. E 1/2 E

Herring Bay Beacon 2 x 1

Depth, 17-15 1/4-15-13-12 1/2-12 1/4

Nature of bottom,

Dredging instrument used, Beaumont dredge

Direction of ~~drift~~, S. W. 1/4 W. ; distance,

Temperature of air, 240 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, 30.42

State of sky, Partly clear

Direction of wind N. W. ; force, 3

Rain,

Direction of surface current, ; force,

" of bottom " ; force,

Name and position of observer,

11—1068

Chart # 1225

NOTES RELATING TO STATION NO. .....

643

RECORD OF DREDGING

TEMPERATURE AND DENSITY

Station No. 2074

Date, 3/21/14

Time of day, 9 33 9 56; of tide, Ebb

Locality, Silghinay Island

Exact position, Brody Lt. N x E 1/2 E

Chart No. SE 3/4 1.

Depth, 19 1/2 - 20 - 21 - 20 - 19 3/4 - 18 - 17 - 16 1/2

Nature of bottom,

Dredging instrument used, Beam trawl

Direction of ~~drift~~ dredge, S x E 3/4 E; distance,

Temperature of air, 32.6 Fahr. therm. No.,

" of surface water, 1.75 "

" at depth of 5 fathoms, 1.75 "

" at bottom, 10 1.6 "
15 1.6

Density at surface, temp., Celsius.

" at depth of fathoms, "

" at bottom, "

Number of salinometer,

Barometer reading, 30.44

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

Chart #1225

NOTES RELATING TO STATION NO. 2074

Water samples,
9.15 — 14 fathoms

643

RECORD OF DREDGING

TEMPERATURE AND DENSITY

Station No. 1075

Date, 3/21/14

Time of day, 10 to 3 10 31; of tide, E H F

Locality, Sharps Island

Exact position, Sharps Isl. Ex 3/4 N.

Buoy #18 - Ex

Depth, 17-17-18-16 3/4-16

Nature of bottom,

Dredging instrument used, Beaumont dredge

Direction of ~~drift~~, S 1/4 E; distance,

Temperature of air, 32 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, 30.45

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

#1075

NOTES RELATING TO STATION NO. .....

643

RECORD OF DREDGING

TEMPERATURE AND DENSITY

Station No. 6076

Date, 3/21/14

Time of day, 10^30 / 11^30 ; of tide, E H.

Locality, James Point.

Exact position, Sharp Pt. N.N. E 1/4 E

Buoy #18A - N 1/2 E

Depth, 10 1/2 - 10 3/4 - 11 1/2 - 11 1/2

Nature of bottom,

Dredging instrument used, Beam trawl

Direction of ~~drift~~ dredge S 3/4 E ; distance,

Temperature of air, 36. Fahr. therm. No.,

" of surface water, 1.6 √E "

" at depth of √ fathoms, 1.6 E "

" at bottom, 9 1/2 1.8 E "

Density at surface, temp., Celsius.

" at depth of fathoms, "

" at bottom, "

Number of salinometer,

Barometer reading, 30.45

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

Chart # 1275

NOTES RELATING TO STATION NO. 4076

Water samples at
11.00 10 1/2 fms

643

RECORD OF DREDGING

TEMPERATURE AND DENSITY

Station No. 8077

Date, 3/21/1

Time of day, 12 40 12 49 ; of tide,

Locality, Taylor Island

Exact position, Cape Pt. Lt. S 1/2 W

Sharp Pt. Lt. N. 7/8 E

Depth, 19 1/2 - 19 - 17 - 11 1/2

Nature of bottom,

Dredging instrument used, Beautrand dredge

Direction of ~~drift,~~ S 3/4 E ; distance,

Temperature of air, 34 Fahr. therm. No.,

" of surface water, 2.2 "

" at depth of 5/10 fathoms, 1.7 1.9 "

" at bottom, 15/18. 1.9 "

Density at surface, temp., Celsius.

" at depth of fathoms, "

" at bottom, "

Number of salinometer,

Barometer reading, 30.45

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

Chart # 1725

NOTES RELATING TO STATION NO. 8077

Water samples at
1.25 P.M.

643

RECORD OF DREDGING

TEMPERATURE AND DENSITY

Station No. 807

Date, 3/21/14

Time of day, 2 PM 2 47 ; of tide,

Locality, Cape Ft.

Exact position, Sharp Rk. St. mark. line Ft. Ft. S 84 x W. 3/4 W.

Depth,

Nature of bottom,

Dredging instrument used, Beautrand

Direction of ~~drift,~~ dredge S 1/4 W; distance,

Temperature of air, 36° Fahr. therm. No.,

" of surface water, 2.5 "

" at depth of 5 fathoms, 1.91 "

" at bottom, 10 15 1.98 1.98 "

Density at surface, temp., Celsius.

" at depth of fathoms, "

" at bottom, "

Number of salinometer,

Barometer reading, 30.40

State of sky, Overcast

Direction of wind N. W.; force, 2

Rain,

Direction of surface current, ; force,

" of bottom " ; force,

Name and position of observer,

11—1068

#1224

NOTES RELATING TO STATION NO. 2078

Water samples at
7.55 P.M.

643

RECORD OF DREDGING

TEMPERATURE AND DENSITY

Station No. 2079

Date, 3/21/14

Time of day, 3 40 3 57; of tide, Ebb.

Locality, Off Cape Ft.

Exact position, Cape Ft. S. 3/4 W.

James Ft. N x E 1/2 E

Depth, 8 1/2 - 9 - 8 3/4 - 8 1/4

Nature of bottom, Mud

Dredging instrument used, Beaumont dredge

Direction of ~~drift~~, S 1/2 W.; distance,

Temperature of air, 36° Fahr. therm. No.,

" of surface water, 7.1 "

" at depth of 5 fathoms, 1.7 "

" at bottom, 8 1.75 "

Density at surface, temp., Celsius.

" at depth of fathoms, "

" at bottom, "

Number of salinometer,

Barometer reading, 30.44

State of sky, Overcast

Direction of wind N. W.; force, 3

Rain,

Direction of surface current, ; force,

" of bottom " ; force,

Name and position of observer,

11—1068

#1722

NOTES RELATING TO STATION NO. 8079

Water samples
at 3.30 P.M.
8 fathoms

RECORD OF DREDGING

TEMPERATURE AND DENSITY

Station No. 49 50

Date, 3/21/14

Time of day, 4^20 / 4^42 ; of tide, Ebb.

Locality, Barren Island

Exact position, Near H. H. N. of 1/2 N.

Bury #16E C N.E 1/2 E

Depth, 23 1/2 - 24 - 24 1/2 - 25 - 23 3/4

Nature of bottom,

Dredging instrument used, Brant Rand

Direction of drift, dredge S or S.S.E.; distance,

Temperature of air, 34.0 Fahr. therm. No.,

" of surface water, 7.12 "

" at depth of 10 fathoms, 2.19 "

" at bottom, 15. 2.0 "

20. 1.0

Density at surface, 25. temp., Celsius.

" at depth of fathoms, "

" at bottom, "

Number of salinometer,

Barometer reading, 30.43

State of sky, Overcast

Direction of wind N. W.; force, 3

Rain,

Direction of surface current, ; force,

" of bottom " ; force,

Name and position of observer,

11—1068

Chart # 1224

NOTES RELATING TO STATION NO. 1880

Water samples
at 4:50 P.M.

643

RECORD OF DREDGING

TEMPERATURE AND DENSITY

Station No. 80 A

Date, 3/22/14

Time of day, 1^35^–1^45^ ; of tide, Ebb

Locality, Harpers Island

Exact position, Cove E. of N.W. Cor 1/4E Harpers Isl. S.E. S.C. 3/4 S.

Depth, 19½ – 20 – 20½ – 20½

Nature of bottom, Hard

Dredging instrument used, S Beaumont

Direction of drift, S x C½ E distance,

Temperature of air, 30° 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, 30.05

State of sky, Partly clear

Direction of wind N.C. ; force, 2

Rain,

Direction of surface current, ; force,

" of bottom " , ; force,

Name and position of observer,

11—1068

#1724

NOTES RELATING TO STATION NO. .....

643

RECORD OF DREDGING

TEMPERATURE AND DENSITY

Station No. 60 PV

Date, 8/22/14

Time of day, 1st 2 11 ; of tide, E Ebb.

Locality, Hoofers Id. Lt.

Exact position, Cedar Pt. Lt. N 22½° W/4 Mi.
Hoofers Id. Lt. PE x E½ E

Depth, 14½ – 15½ – 19¾ – 21½

Nature of bottom,

Dredging instrument used, Beautrail

Direction of drift, SE Dr. ; distance,

Temperature of air, 80° 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, 30.05

State of sky, Partly clear

Direction of wind N.E. ; force, 2

Rain,

Direction of surface current, ; force,

" of bottom " ; force,

Name and position of observer,

11—1068

#1724

NOTES RELATING TO STATION NO. .....

643

RECORD OF DREDGING

TEMPERATURE AND DENSITY

Station No. 60 A 3

Date, 3/22/14

Time of day, 2 PM 3 06 ; of tide, Ebb.

Locality, Harper Island

Exact position, Pt. No Pt. Mix

Harper Id. Lt. N. 5/4 W.

Depth, 19-19 3/4-18-16-14 3/4

Nature of bottom,

Dredging instrument used, Beaumont

Direction of drift, S 1/4 W.; distance,

Temperature of air, 30° Fahr. therm. No.,

" of surface water, 7.15 "

" at depth of 5 fathoms, 7. "

" at bottom, 10 15 7.02 7.02 "

Density at surface, 20 7.05 temp., Celsius.

" at depth of fathoms, "

" at bottom, "

Number of salinometer,

Barometer reading, 30.02

State of sky, Partly clear

Direction of wind N.E. ; force, 2

Rain,

Direction of surface current, ; force,

" of bottom " ; force,

Name and position of observer,

11—1068

#1224

NOTES RELATING TO STATION NO. 60 P3

Water sampler
at 1:37 P.M.

643

RECORD OF DREDGING

TEMPERATURE AND DENSITY

Station No. 80 P4

Date, 3/22/12

Time of day, 4 4½ of tide, Ebb

Locality, Pt. No. Pt.

Exact position, Ballard Sc Bar Lt.

Ext. - Pt. No. Pt. (1x1).

Depth, 30-16-15-15 1/2

Nature of bottom,

Dredging instrument used, Beamtrawl

Direction of drift, S½E; distance,

Temperature of air, 32.0 Fahr. therm. No.,

" of surface water, 2.37 "

" at depth of 5/10 fathoms, 2.05 "
2.22

" at bottom, 15/18 2.10 "
2.10

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 NE; force, 2

Rain,

Direction of surface current, ; force,

" of bottom " ; force,

Name and position of observer,

11—1068

#1224

NOTES RELATING TO STATION NO. 5054

Water samples
at 3:45 P.M.

643

RECORD OF DREDGING

TEMPERATURE AND DENSITY

Station No. 8 8 5

Date, 3/22/14

Time of day, 4^40 4^51; of tide, Slack

~~Locality~~, Pt. Mn Pt. N.N. Br.

Exact position, Pt. Lookout Br. S. Br.

Locality Point Lookout

Depth, 7 1/2 – 7 3/4 – 8

Nature of bottom,

Dredging instrument used, Beam trawl

Direction of ~~drift~~, arage N.N. Br.; distance,

Temperature of air, 31° Fahr. therm. No.,

" of surface water, 7.15 "

" at depth of 5 fathoms, 7.0 "

" at bottom, "

Density at surface, temp., Celsius.

" at depth of fathoms, "

" at bottom, "

Number of salinometer,

Barometer reading, 30.00

State of sky, Partly clear

Direction of wind N.E.; force, 2

Rain,

Direction of surface current, ; force,

" of bottom " ; force,

Name and position of observer,

11—1068

1 1 2 8

NOTES RELATING TO STATION NO. 1085

Water sampler
at 4.35 P.M.

643

RECORD OF DREDGING

TEMPERATURE AND DENSITY

Station No. 80 A6

Date, 3/23/14

Time of day, 8:03 - 8:20; of tide, Flood

Locality, Off Pocomoke River

Exact position, Pocomoke Lt. S.E. x E. 1/4 E. - Lunch Pt. N.E. 1/2 N.

Depth, 22 - 22 1/2 - 21 1/2 - 18 - 14 3/4

Nature of bottom,

Dredging instrument used, Beam trawl

Direction of ~~drift~~ average S 3/4 E, distance,

Temperature of air, 34.0 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, 30.01

State of sky, Partly clear

Direction of wind S.S.E.; force, 3

Rain,

Direction of surface current, ; force,

" of bottom " ; force,

Name and position of observer,

11—1068

#1223

NOTES RELATING TO STATION NO. .....

643

RECORD OF DREDGING

TEMPERATURE AND DENSITY

Station No. 8087

Date, 3/23/14

Time of day, 9h 2m – 9h 35m ; of tide, Flood

Locality, Smith Point

Exact position, Pocomico Lt. S.S.E. 1/4 m.

Smith Pt. Lt. N x W 1/2 m.

Depth, 23 3/4 – 23 – 22 – 20 – 19 – 18

Nature of bottom,

Dredging instrument used, 30' Otter T.

Direction of ~~drift~~ dredge, S x W. ; distance,

Temperature of air, 50 Fahr. therm. No.,

" of surface water, 2.21 "

" at depth of 5 10 fathoms, 2.3 2.4 "

" at bottom, 11 20 26 2.4 2.5 "

Density at surface, temp., Celsius.

" at depth of fathoms, "

" at bottom, "

Number of salinometer,

Barometer reading, 30.01

State of sky, Partly clear

Direction of wind S.W. ; force, 3

Rain,

Direction of surface current, ; force,

" of bottom " ; force,

Name and position of observer,

11—1068

#1223

NOTES RELATING TO STATION NO. 2087

Water samples
at 9 A.M.

643

RECORD OF DREDGING

TEMPERATURE AND DENSITY

Station No. 80 A

Date, 3/23/14

Time of day, 9 AM ; of tide, Flood

Locality, Smith Point

Exact position, Smith Point Lt. N.W. 1/4 N. 3/4 W.

Depth, 23-24 3/4-24 2/4

Nature of bottom,

Dredging instrument used, 4' hoop net

Direction of drift, N.E. ; distance,

Temperature of air, 9 AM 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, 30.02

State of sky, Partly clear

Direction of wind S.W. ; force, 3

Rain,

Direction of surface current, ; force,

" of bottom " ; force,

Name and position of observer,

11—1068

#1177 3

NOTES RELATING TO STATION NO. .....

643

RECORD OF DREDGING

TEMPERATURE AND DENSITY

Station No. 80 89

Date, 3/23/14

Time of day, 1201 1224; of tide, Flood

Locality, Greenfield Harbor

Exact position, Pt. Lookout N.E. x E 3/8 E

Duck Bay E x N.

Depth,

Nature of bottom, Beach sand

Dredging instrument used,

Direction of drift, N.W. x W. ; distance,

Temperature of air, 40° 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, 30.02

State of sky, Clear

Direction of wind South; force, 1

Rain,

Direction of surface current, ; force,

" of bottom " ; force,

Name and position of observer,

11—1068

#177

NOTES RELATING TO STATION NO. 1089

Grab pulled up foul.

643

RECORD OF DREDGING

TEMPERATURE AND DENSITY

Station No. 90

Date, 8/23/14

Time of day, 10 19 ; of tide, flood

Locality, off Coupeville Starton

Exact position, E. Lookout E7/8N.

Smith Creek Beacon 7 x N.1/8W.

Depth,

Nature of bottom, Beach trash

Dredging instrument used,

Direction of drift, S.E. ; distance,

Temperature of air, 70° C 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, 30.02

State of sky,

Direction of wind ; force, 1

Rain,

Direction of surface current, ; force,

" of bottom " ; force,

Name and position of observer,

11—1068

#557

NOTES RELATING TO STATION NO. .....

643

RECORD OF DREDGING

TEMPERATURE AND DENSITY

Station No. 8091

Date, 3/23/14

Time of day, 2 PM 3 11 ; of tide,

Locality, Piney Pt.

Exact position, S. Gen. Pt. E 3/4 S.
Piney Pt. Lt. N. 5/8 W.

Depth, 13½-15-16-16-15½

Nature of bottom,

Dredging instrument used, Beam trawl

Direction of drift, N.N.W. ; distance,

Temperature of air, 4.8C Fahr. therm. No.,

" of surface water, 4.1. "

" at depth of √ fathoms, 2.1 "

" at bottom, 10 13½ 2.12 1.95 "

Density at surface, temp., Celsius.

" at depth of fathoms, "

" at bottom, "

Number of salinometer,

Barometer reading, 30.02

State of sky, Clear

Direction of wind S.W. ; force, 3

Rain,

Direction of surface current, ; force,

" of bottom " ; force,

Name and position of observer,

11—1068

#557

NOTES RELATING TO STATION NO. 2091

Water samples
at 7:43 P.M.

643

RECORD OF DREDGING

TEMPERATURE AND DENSITY

Station No. 2092

Date, 3/23/14

Time of day, 3 PM - 3 32; of tide,

Locality, Off Piney Point

Exact position, Pine Pt. Lt. N 1/4 E

St. Geo. Pt. SE x E. 1/4 E

Depth, 10 - 9 1/2 - 9 1/4 - 9

Nature of bottom,

Dredging instrument used, Dred Net.

Direction of drift, SE 1/4; distance,

Temperature of air, H. P. 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, 30.02

State of sky, Clear

Direction of wind S. W.; force, 3

Rain,

Direction of surface current, ; force,

" of bottom " ; force,

Name and position of observer,

11—1068

#557

NOTES RELATING TO STATION NO. 8092

Net carried away when hoop hauled up.

643

RECORD OF DREDGING

TEMPERATURE AND DENSITY

Station No. 29 93

Date, 3/23/12

Time of day, 4h 47m; of tide, Ebb.

Locality, Above Piney Point.

Exact position, Piney Pt. L. H. E. C. 1/2 E.

Pagua Pt. L. H. N. 3. W.

Depth, 13-13-13-6 1/2

Nature of bottom,

Dredging instrument used, Blanket and Mud Bag.

Direction of drift, N.X.W. 3/4 W.; distance,

Temperature of air, 4. A.C. 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, 30.02

State of sky, Clear

Direction of wind N. W.; force, 3

Rain,

Direction of surface current, ; force,

" of bottom " ; force,

Name and position of observer,

11—1068

H. J. J.

NOTES RELATING TO STATION NO. .....

643

RECORD OF DREDGING

TEMPERATURE AND DENSITY

Station No. 2094

Date, 3/23/14

Time of day, 3 PM ; of tide, Ebb

Locality, N. of Blackistone Island.

Exact position, Blackistone Lt. N 1/2 E

Black Beacon N x E.

Depth, 8 1/2 - 8 1/2 - 9 - 10 - 10 1/2 - 10 - 9 1/2 - 7 1/4

Nature of bottom,

Dredging instrument used, Beam trawl

Direction of drift, ; distance,

Temperature of air, 4.8 C Fahr. therm. No.,

" of surface water, 3.8 C "

" at depth of — fathoms, 2.2 "

" at bottom, 2.1 "

Density at surface, temp., Celsius.

" at depth of fathoms, "

" at bottom, "

Number of salinometer,

Barometer reading, 30.02

State of sky, Clear

Direction of wind S.W. ; force, 2

Rain,

Direction of surface current, ; force,

" of bottom " ; force,

Name and position of observer,

11—1068

H J J S

NOTES RELATING TO STATION NO. 8094

Water samples at
5:50 P.M.

643

RECORD OF DREDGING

TEMPERATURE AND DENSITY

Station No. A0 95

Date, 3/24/14

Time of day, 5 55 AM ; of tide, Ebb.

Locality, off Cuttyhunk

Exact position, Cuttyhunk Lt. N.3/8 W.

Gibbs Bury #9A = S. 3/8 W.

Depth, 5 1/2 - 5 - 4 1/4 - 4 - 3 1/2 - 3 - 4 1/4

Nature of bottom,

Dredging instrument used, Beaumont

Direction of drift, Dr. Circle, distance,

Temperature of air, 3.8 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, 30.18

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

H. J. T.

NOTES RELATING TO STATION NO. .....