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TEMPERATURE AND DENSITY.

Station No.					
Date.					
Time of day, : of	lah .				
Locality.					
Exact position.					
Depth.					
Nature of botton					
Dredging instrument used					
Direction of drift	a distance,				
Temperature of all.	them No.				
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- at depth of fathe					
at bottom.					
Density at surface,	Tell.)				
" 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 of vessel, '					
Service to which attached,					
Name and rank of commanding officer,					

Name and position of observer,



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	RECORD OF DREDGING,				
	TEMPERATURE AND I	DENSITY.			
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	Station No.				
	Date, / journal and	01			
	Time of day. : of tide,	ely-			
	Locality,	fue.			
	Exact position,				
	Depth, G-5				
	Nature of bottom. Courses				
	Dredging instrument used.	(
	Direction of drift, 7 dist	ance,			
	Temperature of air.	therm. No.,			
	" of surface water,				
	•• at depth of fathoms.				
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	Density at surface,	temp., 🖉			
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	Number of salinometer,	/			
	Barometer reading. 30 2.5				
	State of sky, CCCC				
	Direction of wind, 2 fore	æ.			
	Rain,				
	Direction of surface current,	: force,			
	" of bottom "	: force.			
	Name of vessel,				
	Service to which attached,				
	Name and rank of commanding officer.				
	Name and position of observer, 77,	, Carl Carl			
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TEMPERATURE AND DENSITY.

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Station No.	
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Locality, 200401/TF	- U.S.L. of friend
Exact position,	f i s
Depth.	
Nature of bottom.	
Dredging instrument used,	
Direction of drift,	: distance,
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·· of surface water,	
·· at depth of fathe	oms, ···
44 at bottom,	
Density at surface,	temp.,
" at depth of fathoms.	
" at bottom.	(m)
Number of salinometer,	
Barometer reading.	
State of sky,	
Direction of wind,	; force.
Rain,	
Direction of surface current,	: force.
" of bottom "	: force.
Name of vessel,	
Service to which attached,	
Name and rank of commanding of	licer,

Name and position of observer,

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TEMPERATURE AND DENSITY.

Station No. Date, 14 Jan Time of day, 11.457 of tide, CN e state i se Locality, Exact position, Depth. Nature of bottom, Cmal Dredging instrument used, Oli 16 -Direction of drift ; distance, Temperature of air, \downarrow 4 therm. Nog .. of surface water, 52 .. at depth of fathoms. .. at bottom, Density at surface, 2 3 5 temp., " at depth of fathoms. ·* at bottom. Number of salinometer, Barometer reading, State of sky. Club Direction of wind, Rain. Direction of surface current, SUI ; force, 44 of bottom : force. Name of vessel. Service to which attached, Name and rank of commanding officer.

Name and position of observer,



TEMPERATURE AND DENSITY.

Station No. Date, 14 1 auc 57 of tide Time of day, VQ t Cape in Locality (Exact position. Depth. Nature of bottom, Dredging instrument used, Direction of drift, : distance. Temperature of air. therm. No., of surface water, 🏌 at depth of fathoms. 44 at bottom, Density at surface, 2, 3, 5 tem 44 fathoms. at depth of at bottom. Number of salinometer, Barometer reading. State of sky. Direction of wind, : force. Rain. Direction of surface current, : force. " of bottom : force. Name of vessel, Service to which attached, Name and rank of commanding officer,

Name and position of observer,

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TEMPERATURE AND DENSITY.

Station No.

Date, /

Time of day,

Locality,

Exact position,

Depth, Nature of bottom, Dredging instrument used, 2000 Direction of drift, 🤝 🖗 👘 : distance, Temperature of air, of surface water. at depth of fathoms, 44 at bottom, Density at surface, / C 2 4" at depth of fathoms, 44 at bottom, Number of salinometer, Barometer reading. State of sky. Direction of wind, : force. Rain. Direction of surface current, : force, " of bottom : force. Name of vessel. Service to which attached,

Name and rank of commanding officer.

Name and position of observer,

Winych Bay So Cerulina File plath A tracing a banc 643 RECORD OF DREDGING TEMPERATURE AND DENSITY. Station No. 163 Date, fam 3- 1891 Time of day. 10 2 The : of tide. 15 7 Harro Locality. 1/2 mile N of what on Some Exact position. Sela not Winyah Bay Juit Caroline Depth, of fastisma Nature of bottom. Hard saucey balling Dredging instrument used. I fr omate by the d. The Direction of drift, -d : . ; distance, Temperature of air. 54 therm. No. of surface water, 46° · / E 2 1 at depth of fathoms. at bottom, H81/2 Density at surface, 1000.8 temp., 46 5 at depth of fathoms, at bottom, 1008-4) 2 48 Number of salinometer, 70; 66 Barometer reading. 00,19 State of sky, Clean Direction of wind, The ; force, Rain. Direction of surface current. : force. of bottom : force. Frisk Harrie Name of vessel, Service to which attached, CL S 7 Name and rank of commanding officer. apple la Name and position of observer. Children Const. The way to a

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Winyah Bay So Carolina

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RECORD OF DREDGING,

TEMPERATURE AND DENSITY.

Station No. \$640 1701 Date, Jan 3. 1891 Time of day. 10,45 Min of tide. 1 Stor Hours Locality, Wingals Bay - Same Exact position, locality as 1703 lute near Inlip 5 father and 2 th Depth. Nature of bottom, Canver brown Sand Dredging instrument used. Larger & Smalle Gyster Arcague : distance. : distance, Temperature of air. 448 therm. No., 7066 of surface water, 47 . 1041 at depth of fathoms. 7066 at bottom, 00 ' Density at surface. 10612 for the temp. 47 " at depth of fathoms at bottom, 101541.0135 50 Number of salinometer, 7046 Barometer reading. 30,19 State of sky, Clean ; force. 2-Direction of wind, ${\cal W}$ Rain. Direction of surface current. : force. of bottom : force, Rich Marrie Name of vessel. Service to which attached, HC 5 7 C Olan; Name and rank of commanding officer. Luntsufr Name and position of observer. Of Sugar ve land) mate up

NOTES RELATING TO STATION NO. 1701

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Winysh Bay So Carolina 643 RECORD OF DREDGING, TEMPERATURE AND DENSITY. Station No. 1641 1702 Date, Jan 3"1891 Time of day. 11 am ; of tide. 1 A of Alore Locality, Minyah Bay So Carolina Exact position, as 1701 Exact position, as 1701 Depth. 4 father + 3 feet Dredging instrument used. Longer Homail. Direction of driff, identication is distance. therm. No., 7066 Temperature of air, 46 ·· of surface water, 47 .. 1041 at depth of fathoms. Density at surface. 1.0012-" at depth of fathoms, cor " at bottom, 1,0134-1.0115 " 49." Number of salinometer, 7046 Recepter 7050 115-Barometer reading. 3019 State of sky, Clear Direction of wind, M ; force, 2-Rain. Direction of surface current, : force, of bottom " ; force, Name of vessel. 26. S. F.O.Sh Prishhank Service to which attached, U.S.F. Com Name and rank of commanding officer, Reflecto Link refrang Name and position of observer, ON Clean selection Mate up-

NOTES RELATING TO STATION NO. / 7 0 2-

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Winijah Baj So Cardine RECORD OF DREDGING. TEMPERATURE AND DENSITY. Station No. 1642 Jan 3" 1891 Date, Time of day. 11,30 am : of tide. Hash Locality. Tringal Ray derectly East position. Ho o gards distant Depth. 5 factor + 1 fart-Nature of bottom. chand butters Dredging instrument ased. Longe Homae' Direction of drift, ; distance. therm. No..7066 Temperature of air, 46 of surface water, 48 1041 at depth of fathoms, at bottom. Density at surface. 1.0052 4 Stemp. 48 at depth of fathoms, Cor at bottom, 10124 1.0105 Number of salinometer, 7046-70 00 Barometer reading. 30 19 State of sky. Cleans Direction of wind, M ; force, 💈 Rain. Direction of surface current. : force, ; force. of bottom ishhank Name of vessel, Service to which attached, & SZC Name and rank of commanding officer. No Place Luin Un Name and position of observer. CA-Clean Carel Mater refor

NOTES RELATING TO STATION NO. 1703 about one leaster small and gravel

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Winych Bay So Carolina

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RECORD OF DREDGING,

TEMPERATURE AND DENSITY.

1704 station No. 1643 Date, Jan 3º 1891 Time of day. 11. 50 and: of tide. Eland Locality. Minyals 13 ap - 600 7 dos Mint of upper what on Steled and 400 The SSA IL much bury Depth. 5 father & 1 ford Nature of bottom. Mark ad not + tilly boilt in Dredging instrument used. Long & Small By the particular and the second Temperature of air. 5-6 therm. No.,7066 of surface water. 49 7041 at depth of fathoms. at bottom. 50,5 7041 Density at surface. 10094 Free Semp., 49 Conat depth of fathoms. at bottom. 10200 1.018 .. 50 Number of salinometer. 9, 7046 7041 Barometer reading. 30 19 Clear State of sky. Direction of wind. He : force. 4-Rain. Direction of surface current. : force, of bottom ;: force, eich arric Name of vessel. Service to which attached. & 0 7 PLATE Name and rank of commanding officer. K Lich les Name and position of observer. CHCleaneland

NOTES RELATING TO STATION NO. 17 0 4 Sand and dead sheets and hard madan

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Winijah Bay So Caroline

TEMPERATURE AND DENSITY.

Station No. 1644 Date, Join 3" 1891 1705 : of tide, Flord Time of day, 12 Locality, Tringah Bay C. Constine Exact position, illentecally over the first preitin 1700 Depth. 4 faths + 5 feet Dredging instrument used, Harge & & MALL. Orge & Strages Direction of drift, Temperature of air, 55, 5 therm. No., 7066 of surface water, 50 at depth of fathoms. at bottom, 5/ 7041 tores. Density at surface, 1008 2 face Stemp., 50 " at depth of fathoms, (cor at hottom. 1019 21.017 " Number of salinometer. 7046 \$ 7041 5 Barometer reading. 3019 Clip State of sky, Direction of wind, The ; force, Rain. Direction of surface current, : force, of bottom : force, ishofank Name of vessel, Service to which attached, USYC Name and rank of commanding officer. R Platt delute de 1mm Name and position of observer. CACleandlan as to lefe

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TEMPERATURE AND DENSITY.

Station No. 1. 28 Jamy 16 1891 Date. Time of day. 10.0 [: of tide, Flore. Locality, Carper Timer, S. . 61.5 Exact position, it will mow the the viewer "I will ound sid 30040-Nature of bottom. Dredging instrument used. Courses of Section 2 + Lower (20) Direction of drift, r.d. To get it distance. 400 7 des. Temperature of air. $6 \gamma^{\circ}$ therm. No., 7050 " of surface water, 40 7241 - at depth of fathoms. " at bottom. 51° ... Density at surface. 1.0 2 2 6 1.0 2 0 6 temp., " at depth of fathoms; • í at bottom. 10228/1.0209 " Number of salinometer. 7 5 44 6 Barometer reading. 2024 State of sky. - /- . 2 Direction of wind. 2000 1999 ; force, D Rain. Direction of surface current. : force, ... of bottom ... : force. Name of vessel. Service to which attached. 372 Name and rank of commanding officer, $\gamma \stackrel{(i)}{=} ,$ Recent 1 Name and position of observer, August 2017

NOTES RELATING TO STATION NO. Emand & Sand. and a the drait while and a

TEMPERATURE AND DENSITY.

Station No. 16445 Date Zon 16 1251 Time of day. Z d. CRN : of tide, Locality, Bog the Marshall Exact position. Or to do de toras Tokan Louder 2. Com Depth. 5 Eithin Nature of bottom, Jf C. .. Dredging instrument used are here price Pink. Direction of drift, 142 news 1; distance, 200 of dis Temperature of air. 54, therm. No., () () () • of surface water. 5 5 GILI at depth of ... fathoms. at bottom, 57 Density at surface / 0224 / 1.0205 temp., " .at-depth of _____fathoms. at bottom. 10226 1.0207 Number of salinometer, 7046 Barometer reading. State of sky, 13 C . Direction of wind, Kowik, ; force, 7 Rain. Direction of surface current. : force. ++ of bottom ++ : force. Name of vessel. Service to which attached. Mirriel. Name and rank of commanding officer, The transfer Name and position of observer, c

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TEMPERATURE AND DENSITY.

Station No. 1647 Date, Jan. 16 1891 Time of day. 10.70 : of tide, Flood Locality. Doopers River R. C. St & Exact position. a. out 4000400 rig 2 Hloha initial economic to mover Depth. 4 Worm 4 4. Nature of bottom. If and Clau Dredging instrument used. I ruly it K Smil 13 D. Direction of drift, 200 y do ; distance. Win Similar Temperature of air. 58 therm. No., 7 250 of surface water. 51 7041 ar depth of _____ fathoms. at bottom. Density at surface / 0266 1.02479 temp., at depth of - fathons . 500 at bottom. 10266)1.02470 Number of salinometer, 7046 Barometer reading. 3 0.24 State of sky. 13 . C Direction of wind. Stowith ; force, Rain. Direction of surface current, : force, " of bottom " force, Name of vessel. Service to which attached, U.S. Store (111 Name and rank of commanding officer. I. U. all . Silut 26.11 Name and position of observer. 2. 2. 6 Juil Child Chi

Contactions of Aprilias NOTES RELATING TO STATION NO. 164 7 Carbonte Card mine with privat . Store Crab Blue Craire Rea L'acunition. To to the lotof dead sheets, France

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RECORD OF DREDGING.

TEMPERATURE AND DENSITY.

Station No. 1649 Date. A Date 16 197 Time of day. 10 US : of tide. Floor Locality. Exact position, Thet below & H, where m Caliboque Dound. 800 miles off. Depth. 8 Alpen 2.4-Nature of bottom, AMIN, Dredging instrument used. Sudge . Direction of drift, Ind me cound; distance, Fortide. therm. No., 7 0 4 Temperature of air, 👘 😕 ut depth of -- fathous. at bottom, 5 > Density at surface. / 0 2 2 8 1.0 2 1 1 " at depth of futhous " at bottom. 10228: 1.021 Number of salinometer, 7246Barometer reading, 30 .24 State of sky. . Direction of wind, Amin ; force, 2-Rain. Direction of surface current. : force. ·· of bottom : force. Name of vessel, - 10 -Service to which attached, T Name and rank of commanding officer. Name and position of observer

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TEMPERATURE AND DENSITY.

Station No. 1600 Date, MULL IS I TO I Time of day, 1. 0 9 2013 of tide, -1. Locality, Kalantan and State Exact position, far a construction of the anticipation of the Depth, 7 / Jan Nature of bottom. 🛷 🚈 Dredging instrument used, Direction of drift, 👘 📩 : distance, SAS BRU. Temperature of air. therm. No.. of surface water, 🐇 🗍 at depth of - fathoms. ar bottom, C. I. cor Density at surface / 0 2 2 6 1.0 2 0 6 temp., " andepth of fathoms, 1. 1.0 at bottom, 1023411.0215 .. Number of salinometer, 7 627 3 Barometer reading. State of sky, Clencer. Direction of wind, and in a start of force. 2 Rain. : force, Direction of surface current. 44 of bottom 44 : force. Name of vessel. A color a Service to which attached, Name and rank of commanding officer, -Name and position of observer, ". C. En

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NOTES RELATING TO STATION NO 2007

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RECORD OF DREDGING,

TEMPERATURE AND DENSITY.

station No. 16 50 Date, 16, 15. Time of day, 11,30 : of tide. Locality, Calibra un Conned DeC Exact position, and between Then in y ten Delance minder of Calibran For Depth, 6 Man 41 Nature of bottom. I Gard Dredging instrument used, and the the Direction of drift, 27.2 Course : distances 2 5 5 12. 6.0 5-0 Temperature of air. of surface water. andepth of - -fathoms. 51 at bottom. Density at surface, 10 7 2 2 1, av Temp., 227 - 0 " at depth of fathous, É V at bottom, 10755, 10207 Number of salinometer, Barometer reading. 30.72 State of sky. State of state Direction of wind, STAN ; force. 2_ Rain. ; force, Direction of surface current, " of bottom " : force. Name of vessel. Service to which attached, Name and rank of commanding officer, Sec. Lan sicil Lui Name and position of observer, J. C. Smil

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RECORD OF DREDGING.

TEMPERATURE AND DENSITY.

Station No. 1 5 57/ Date Die o For Time of day, 1143 ; of tide, Frend, Locality, Fairbogue Scand Exact position, and double under Allag Fiver mindle of the Com Depth, 1 0 Minn Nature of bottom. Thank Dredging instrument used. She der 2 . Direction of drift, by the format distance, 300 ydv. Temperature of air, 6 / therm. No., 7050 ·· of surface water, 492-0 7041 " at depth of --- fathoms. " at hottom, 5/ ° Density at surface / 0226 1.020 & temp., 4950 " at depth of fathoms. " at bottom, 1, 0 = 26/1.0207 . " Number of salinometer, 704 Barometer reading. 20.2/ State of sky. Who had Direction of wind. STNA : force. 3. Rain. Direction of surface current. : force, of bottom " Name of vessel, Charle C Service to which attached, M. C. Stuck Name and rank of commanding officer. Simit 20/11 Name and position of observer. matin

NOTES RELATING TO STATION NO.

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RECORD OF DREDGING.

TEMPERATURE AND DENSITY.

Station No. / S C 2. : of tide. 🚊 Time of day. Locality, ... Beeck Exact position, Sections Depth. Nature of bottom, 💡 💍 💷 Dredging instrument used, : distance, Direction of drift, Temperature of air. therm. No.. · of surface water. at-depth of - fathoms. at liottom. Density at surface, $7.4 \oplus 7.5 = 6.2$ " at depth of fathoms. at bottom, 2 2 2 - 1,07 Number of salinometer, Barometer reading. State of sky. Charles Direction of wind, ; force, Rain. Direction of surface current. : force, of bottom : force. Name of vessel. Service to which attached, Name and rank of commanding officer.

Name and position of observer.

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RECORD OF DREDGING,

TEMPERATURE AND DENSITY.

Station No. 1653. Date, Acur. 21 1891 : Am : of tide, Time of day. Locality, Silli in the second Exact position of COLES Adams To. Lastroad. Depth. 5 FHum. Nature of bottom. When h Dredging instrument used. a relief Direction of drift, dolory Stre Wilistance, 105 11 8.5 Temperature of air. 53 ° therm. No., of surface water. 7001 ni depinent fathans. -i at hottom. Density at surface/ 012 4 5- 1.022 55 temp., " at depth of - - inthoms. " at bottom. 102457.05251 Number of salinometer, 7 6 47 6 Barometer reading. 30. 9 State of sky. Soud Direction of wind, > : force. Rain. Direction of surface current. : force, 44 of bottom Name of vessel, service to which attached, Name and rank of commanding officer. Name and position of observ

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NOTES RELATING TO STATION NO. 1656

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RECORD OF DREDGING,

TEMPERATURE AND DENSITY.

station No. 1654 Date, 7 au. 21. 189. Time of day, 975 AW : of tide, 5/1 Shi-Locality. Vie state Rever, S. . Exact position 2 Strate in An and of E. C. point re deran Tratisme In The Manual Depth. 4 time Nature of bottom. Ho and Dredging instrument used. Locott Direction of drift, " Storen; distance, 100 2.06 Temperature of air. 5.20 therm. No., 7050 of surface water. 449 ut depth of ____ fathomo. ... at bottom, Density at surface 1.0:44 [1.0224 temp., - at depth of fathoms. at bottom. 1. 42 4631.0227 Number of salinometer. 704420 2 Barometer reading. State of sky. Houde Direction of wind, $\subset S_{f_{i}} \subset G_{f_{i}}$; force, ... Rain. Direction of surface current, : force. · of bottom 1997 2012: 12: 12: 12: 12: Name of vessel. 🛒 Service to which attached. Alest Name and rank of commanding officer, Name and position of observer,

Notes relating to station No. 1244a ton of the second and the Same and the stars office site dand.

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RECORD OF DREDGING,

TEMPERATURE AND DENSITY.

Station No. 1655 Date, 721 ch. 4 91 Time of day. The of the of tide, First to the of Locality, South Saleto- There is Exact position . at the Guite and a set Russell Greek. Depth, 5 fin 24 Nature of bottom. Howid Dredging instrument used. Smaller. Direction of drift, 70; Edichs : distance, 100 yda Temperature of air. 64 therm. No., 7066 of surface water, 58 7041 at depth of fathoms. at bottom, 55 " at bottom, CS Port 7041 λémp., 599 ·· at despith of faitherins. 580 at bottom. 1.0 2 2 4 Number of salinometer. $\neg \circ \in \mathbb{R}$ Barometer reading. 3 Q.0 1 State of sky. Cloude trace one Direction of wind, Acada : force, Rain. Direction of surface current. : force, " of bottom " : force, Name of vessel. U.S.F. C. Michaeland Service to which attached, U.S. Fuch (Name and rank of commanding officer, 22 2Catt select it . Name and position of observer, chrate 200, A

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RECORD OF DREDGING,

TEMPERATURE AND DENSITY.

Station No. 1656 Date, Mah. A. 189: Time of day. 93: C.M.: of tide, Joury Floored Locality, North Fellow River . Locality, Morin Editors Kinner S. Exact position, Theman & Leadenwah Greek Depth. 6 - 12 Nature of bottom, Shird Dredging instrument used, Linchet Direction of drift, W/o State to : distance, 100 49 800 Temperature of air. 63° therm. No., 166 of surface water, 57 ar-depth-of- - fathous. 44 at bottom, Density at surface, 1.0 20 0 temp., 570 at hottom, 1.0 2 2 6 5 520 Number of salinoweter, 7053 Barometer reading. 2000 1 State of sky, Clearfer A Collin - Mart Direction of wind, Drain ; force, 1 Rain. Contraction during Direction of surface current : force, " of bottom " : force Name of vessel, Farth Stranger : force, Service to which attached, 21 8 2000 Name and rank of commanding officer, Real March Name and position of observer, norder to see

NOTES RELATING TO STATION NO. Conhecte of sineage. Dean Shells. My 2hor " Perincial Perinciales Bornes in a fillion with sheep. Rene Crab 2 five Perinvinkles Annelids Bruthe stars few Quantity of Sty arounds Serviral piles phosehorie Rock Small botton dead dhell Junioakes. The tooth least sime dance. was broken is strate to claved doucking. Calencelas. Aniplicedo. For philice of bottom

Le jolater o Store photos to RECORD OF DREDGING. TEMPERATURE AND DENSITY. Station No. 1657 De angle in Soundan Date, Main 12 Barkist No 2 Time of day, 10,500 tile; of tide, 6 -Locality. Constant of Strander, Exact position. Depth. 4 Friend Nature of bottom. DEL. Dredging instrument used. Relation of barren 7 Mer. Direction of drift. The Strategies: distance. The Strategies in the Temperature of air. 630 therm. No., 7079 of surface water. at depth of fathoms. at bottom. 58 Density at surface. 40235. temp., " at depth of fathoms. at bottom. 1.02-28 Number of salinometer. 7046 Barometer reading. 29.87 State of sky, over earl-Direction of wind. A Julia : force. 4 Rain. Direction of surface current. Service to which attached. Name and rank of commanding officer, ment up 1 Name and position of observer,

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RECORD OF DREDGING,

TEMPERATURE AND DENSITY.

See Sound in Port the Station No. Date. Till an Time of day, 11. 10 ... of tide. 3/4 Flood, Locality On areas in The Exact position, Depth, 7 Strand Dredging instrument used. Direction of drift, distance, Temperature of air. 630 therm. No of surface water. うどつ at depth of fathoms. at bottom. 58 Density at surface. 7 3 2 3 temp., " at depth of fathoms, at bottom, 👘 📜 44 Number of salinometer. TO 44 S Barometer reading. 2 1, 500 State of sky. Direction of wind, $\langle \cdot \rangle_{+}$, $\cdot \rangle_{+}$; force, $-\frac{1}{2}$ Rain. Direction of surface current. " of hottom " : force. Name of vessel, Service to which attached, of the con-Name and rank of commanding officer, .

Name and position of observer,

NOTES RELATING TO STATION NO. Der Repairs and the Micael 1 Bac huri h: Intgut Conto , l Ú.

643 RECORD OF DREDGING. TEMPERATURE AND DENSITY. Station No. 1650 Date, Mch / 13 91 Time of day, 11,30 and : of tide. Locality, Charleston Han Exact position. Depth, 7 Fth 5 feet. Nature of bottom, Soft Stick Dredging instrument used, 7 7/-13 Direction of drift. distance. Temperature of air. 6 🛁 therm. No., 7079 of surface water, 57,5 at depth of fathoms, at bottom. Density at surface. 1.0238 temp., 57. at depth of fathoms, at bottom. 10238 Number of salinometer. 7046 Barometer reading. 29.96 State of sky. Think and Direction of wind, S. J. W ; force. 5 Rain. Direction of surface current. : force. of bottom Frich Hawk Name of vessel. Service to which attached, U.S. Jich (inw. Name and rank of commanding officer. R. Flatt dient MOTU Name and position of observer, 16. Smith

NOTES RELATING TO STATION NO. Contraction & Contraction The state Vtake 0 Stone brak Abrings ca munder) Dead Shells Mercut

RECORD OF DREDGING.

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TEMPERATURE AND DENSITY.

Station No.		
Date,		
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Exact position,		
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Nature of bottom,		
Dredging instrument used,		
Direction of drift,	; distance,	
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Density at surface,	temp.,	
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" at bottom,		
Number of salinometer,		
Barometer reading.		
State of sky.		
Direction of wind,	: force,	
Rain,		
Direction of surface current,	: force,	
" of bottom "	: force,	
Name of vessel,		
Service to which attached,		
Name and rank of commanding officer.		

Name and position of observer,

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. therm. No.
" of surface water,
" at depth of fathoms.
" at bottom, "
Density at surface. temp.,
" 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 of vessel,
Service to which attached,
Name and rank of commanding officer.

Name and position of observer.

RECORD OF DREDGING.

TEMPERATURE AND DENSITY.

Station No.	
Date,	
Time of day, : c	of tide.
Locality,	
Exact position,	
Depth,	
Nature of bottom,	
Dredging instrument used.	
Direction of drift,	; distance,
Temperature of air,	therm. No.,
of surface water,	
• at depth of fat	homs
" at bottom.	**
Density at surface.	T⇔lii]>.,
" 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 of vessel,	
Service to which attached,	
Name and rank of commanding	officer.

Name and position of observer.

RECORD OF DREDGING.

TEMPERATURE AND DENSITY.

Station No.	
Date,	
Time of day, : o	ftide.
Locality,	
Exact position,	
Depth,	
Nature of bottom,	
Dredging instrument used,	
Direction of drift,	; distance.
Temperature of air,	therm. No.,
·· of surface water,	
•• at depth of fath	oms
** at bottom.	
Density at surface.	temp.,
" 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 of vessel.	
Service to which attached,	
Name and rank of commanding o	fiicer.

Name and position of observer,

RECORD OF DREDGING.

TEMPERATURE AND DENSITY.

Station No.	
Date,	
Time of day, : or	ftide.
Locality,	
Exact position,	
Depth.	
Nature of bottom,	
Dredging instrument used.	
Direction of drift,	: distance.
Temperature of air,	therm. No.,
·· of surface water,	
·· at depth of fathe	oms,
" at bottom,	
Density at surface.	temp.,
" 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 of vessel.	
Service to which attached,	
Name and rank of commanding of	ficer,

Name and position of observer,

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RECORD OF DREDGING.

TEMPERATURE AND DENSITY.

Station No.	
Date,	
Time of day, : c	of tide.
Locality,	
Exact position,	
Depth,	
Nature of bottom,	
Dredging instrument used,	
Direction of drift,	; distance.
Temperature of air,	therm. No.,
·· of surface water,	
•• at depth of fath	ioms
" at bottom.	
Density at surface.	Tenip.,
44 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 of vessel,	
Service to which attached,	
Name and rank of commanding of	sflicer.

Name and position of observer,

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RECORD OF DREDGING.

TEMPERATURE AND DENSITY.

Station No.	
Date,	
Time of day. : o	ftide.
Locality,	
Exact position,	
Depth,	
Nature of bottom,	
Dredging instrument used,	
Direction of drift,	: distance.
Temperature of air.	therm. No.,
" of surface water,	
* at depth of fath	0105
# at bottom.	••
Density at surface.	tenije
" at depth of fathoms,	
" at bottom.	
Number of salinometer.	
Barometer reading.	
State of sky.	
Direction of wind,	; force.
Rain.	
Direction of surface current.	: force.
44 of bottom 44	: force,
Name of vessel,	
Service to which attached,	
Name and rank of commanding o	flicer.

Name and position of observer.

RECORD OF DREDGING.

TEMPERATURE AND DENSITY.

Station No.	
Date,	
Time of day, : or	ftide.
Locality,	
Exact position,	
Depth,	
Nature of bottom,	
Dredging instrument used,	
Direction of drift,	; distance.
Temperature of air.	therm. No.,
·· of surface water,	
·· at depth of fathe	oms
" at bottom.	
Density at surface.	Telli P
" at depth of fathoms,	• #
· at bottom.	•
Number of salinometer.	
Barometer reading.	
State of sky.	
Direction of wind,	; force,
Rain.	
Direction of surface current.	: force,
4 of bottom 44	: force,
Name of vessel,	
Service to which attached,	
Name and rank of commanding of	llicer,

Name and position of observer,

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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,	therm. No.,
·· of surface water,	
" at depth of fathe	oms
" at bottom.	
Density at surface.	temp.,
" at depth of fathoms,	
-i at bottom.	
Number of salinometer,	
Barometer reading.	
State of sky.	
Direction of wind,	; force.
Rain,	
Direction of surface current.	: force.
" of bottom ".	: force,
Name of vessel,	
Service to which attached.	
Name and rank of commanding of	licer.

RECORD OF DREDGING.

TEMPERATURE AND DENSITY.

Station No.	
Date,	
Time of day, : o	ftide.
Locality,	
Exact position,	
Depth.	
Nature of bottom,	
Dredging instrument used,	
Direction of drift,	; distance.
Temperature of air,	therm. No.,
of surface water,	
" at depth of fath	oms,
" at bottom.	
Density at surface.	tennip.,
" 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 of vessel,	
Service to which attached.	
Name and rank of commanding o	flicer.

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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,	therm, No.
" of surface water,	••
•• at depth of fa	thoms.
" at bottom.	
Density at surface.	temp.,
" at depth of fathon	
" at bottom.	
Number of salinometer,	
Barometer reading.	
State of sky.	
Direction of wind,	: force.
Rain,	
Direction of surface current.	: force,
" of bottom "	: force.
Name of vessel.	
Service to which attached,	
Name and rank of commanding	g officer.

RECORD OF DREDGING.

TEMPERATURE AND DENSITY.

Station No.	
Date,	
Time of day. : or	ftide,
Locality,	
Exact position,	
Depth,	
Nature of bottom,	
Dredging instrument used,	
Direction of drift,	; distance.
Temperature of air,	therm. No.,
·· of surface water,	
·· at depth of fathe	oms
" at bottom.	
Density at surface.	[edit]),,
" 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 of vessel,	
Service to which attached,	
Name and rank of commanding of	llicer.

RECORD OF DREDGING.

TEMPERATURE AND DENSITY.

Station No.	
Date,	
Time of day, : o	of tide.
Locality,	
Exact position,	
Depth,	
Nature of bottom,	
Dredging instrument used.	
Direction of drift,	: distance.
Temperature of air,	therm. No.,
·· of surface water,	
·· at depth of fath	ionis.
" at bottom.	
Density at surface.	I this is the
" 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 of vessel.	
Service to which attached.	
Name and rank of commanding o	fiicer.

RECORD OF DREDGING.

TEMPERATURE AND DENSITY.

Station No.	
Date,	
Time of day. : of	ftide,
Locality,	
Exact position,	
Depth.	
Nature of bottom,	
Dredging instrument used,	
Direction of drift,	; distance,
Temperature of air,	therm. No.,
·· of surface water,	
·· at depth of fathe	onis,
" at bottom,	
Density at surface.	Tellije.,
" 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 of vessel,	
Service to which attached,	
Name and rank of commanding of	ficer.

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,	therm, No.,
·· of surface water,	
•• at depth of fatho	ms
+ at bottom.	
Density at surface.	I turi I
** 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 of vessel,	
Service to which attached,	
Name and rank of commanding of	ticer,

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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,	therm. No.,
\cdots of surface water,	
" at depth of fathor	115
·· at bottom,	
Density at surface.	Taniniy.,
" at depth of fathoms,	
²² at bottom.	••
Number of salinometer,	
Barometer reading.	
State of sky.	
Direction of wind, ;;	force.
Rain,	
Direction of surface current,	: force.
" of bottom "	: force,
Name of vessel,	
Service to which attached,	
Name and rank of commanding offi	cer.

RECORD OF DREDGING.

TEMPERATURE AND DENSITY.

Station No.	
Date,	
Time of day, : o	ftide.
Locality,	
Exact position,	
Depth,	
Nature of bottom,	
Dredging instrument used,	
Direction of drift,	: distance.
Temperature of air,	therm. No.,
·· of surface water,	
" at depth of fath	oms
" at bottom.	
Density at surface.	Ĩ (*111 <u>1</u> 7.,
" 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 of vessel,	
Service to which attached.	
Name and rank of commanding o	flicer.

Name and position of observer,

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RECORD OF DREDGING,

TEMPERATURE AND DENSITY.

Station No.	
Date,	
Time of day, : o	ftide.
Locality;	
Exact position,	
Depth,	
Nature of bottom,	
Dredging instrument used,	
Direction of drift,	: distance.
Temperature of air.	therm. No.,
" of surface water,	
•• at depth of fath	oms
" at bottom,	
Density at surface.	temp.,
" 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 of vessel,	
Service to which attached,	
Name and rank of commanding o	flicer.

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,	therm. No.,
·· of surface water,	
" at depth of fat	homs
" at bottom.	
Density at surface.	remp.,
" at depth of fathoms	
44 at bottom.	•.
Number of salinometer,	
Barometer reading.	
State of sky.	
Direction of wind,	; force.
Rain,	
Direction of surface current,	: force.
" of bottom "	: force,
Name of vessel,	
Service to which attached,	
Name and rank of commanding	officer.

Name and position of observer,

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RECORD OF DREDGING.

TEMPERATURE AND DENSITY.

Station No.	
Date,	
Time of day,	: oftide.
Locality,	
Exact position,	
Depth,	
Nature of bottom,	
Dredging instrument used,	
Direction of drift,	; distance.
Temperature of air,	therm. No.,
·· of surface wate	r, ···
•• at depth of	fathoms
" at bottom,	
Density at surface.	temp.,
" at depth of fath	
•• at bottom.	••
Number of salinometer,	
Barometer reading.	
State of sky.	
Direction of wind,	; force,
Rain,	
Direction of surface current,	: force.
" of bottom	: force,
Name of vessel,	
Service to which attached.	
Name and rank of commandi	ng officer,

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RECORD OF DREDGING.

TEMPERATURE AND DENSITY.

Station No.	
Date,	
Time of day, : o	f tide,
Locality,	
Exact position,	
Depth,	
Nature of bottom,	
Dredging instrument used,	
Direction of drift,	: distance.
Temperature of air,	therm. No.,
·· of surface water,	
" at depth of fath	onts
at hottom,	
Density at surface.	Tennp.,
" 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 of vessel,	
Service to which attached,	
Name and rank of commanding of	licer.

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.	therm. No.,	
of surface water,		
•• at depth of fa	thoms	
" at bottom,		
Density at surface.	temp.,	
" at depth of fathon	15,	
" at bottom.		
Number of salinometer,		
Barometer reading.		
State of sky.		
Direction of wind,	; force.	
Rain,		
Direction of surface current.	: force.	
" of bottom "	: force,	
Name of vessel,		
Service to which attached,		
Name and rank of commanding	officer.	

Name and position of observer.

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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,	therm. No.,	
·· of surface water,		
at depth of fa	thoms.	
" at bottom,	••	
Density at surface.	temp.,	
" at depth of fathon	18,	
" at bottom.		
Number of salinometer,		
Barometer reading.		
State of sky.		
Direction of wind,	; force.	
Rain,		
Direction of surface current,	: force.	
" of bottom	: force,	
Name of vessel,		
Service to which attached,		
Name and rank of commanding officer.		

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