

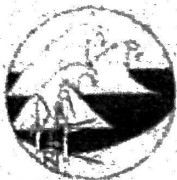


PROJECT OCEANOLOGY

Epifauna Data Sheet



School: <u>Project Oceanology</u>				Duration of Tow (Min): <u>15</u>			
Tow Code Number (YR, MN, DY): <u>24, 04, 09</u>				Tow Line Length (M): <u>70</u>			
Location: <u>1+2 Buoy</u>				Depth (M): <u>14</u> Water Temp (°C): <u>6°C</u>			
VERTEBRATES				INVERTEBRATES			
	Blackfish		Porgy/Scup		Crab, Blue		Lobster
1	Black Sea Bass		Puffer		Male		Male/Female
	Butterfish		Rock Gunnel		Female		Moon Snail
	Dogfish, Smooth		Short-horn Sculpin		Crab, Green		Shrimp, Bay
1	Flounder, Smallmouth		Sea Raven		Male		Shrimp, Grass
	Flounder, Winter	3	Sea Robin, Northern		Female		Shrimp, Mantis
	Fluke, Summer		Sea Robin, Striped		Crab, Lady		Spider Crab, 6-Spine
	Fluke, 4-Spot	1	Skate, Clearnose	2	Crab, Mud	32	Spider Crab, 9-Spine
	Hake, Silver /Whiting		Male/Female		Crab, Rock	25	Male
	Hake, Spotted		Skate, Little		Male	7	Female
	Hake, White		Male/Female		Female		Squid, Longfin
	Herring Spp.		Weakfish	53	Crepidula clusters		Transverse Ark Clam
	Hogchoker		Whiting	1	Hermit Crab, Broad Claw		Whelk, Channeled
	Kingfish	2	Windowpane		Hermit Crab, Long-Wristed		Whelk, Knobbed
1	Sculpin				Horseshoe Crab		Whelk, Egg Case



PROJECT OCEANOLOGY

Sediment Analysis Data Sheet



Date: 4/4/24

Names: Project Oceanology

Station #: Hobs Island

Location: _____

Core Length (cm): 20.5

Type of Sampler: _____

Core Description

	Odor	Sediment Size	Color
Top:	Strong - Sulfer	Silt	dark grey
Middle:	moderate - Salty	Clay	dark grey
Bottom:	moderate - Salty	Clay	dark grey

Date: _____

Names: _____

Station #: _____

Location: _____

Core Length (cm): _____

Type of Sampler: _____

Core Description

	Odor	Sediment Size	Color
Top:			
Middle:			
Bottom:			



PROJECT OCEANOLOGY

Water Sampling Data Sheet



Date: 4/9/24

Location: 2 - Hob's Island

Names: Project Oceanology

Station #: Hobs Island

	Depth (m)	Temp. (°C)	Density (g/cm)	pH	CO ₂ (mg/L)
Top:	0	12°C	1.008	7.8	18
Middle:					
Bottom:	7	8°C	1.024	7.9	20

Date: _____

Location: _____

Names: _____

Station #: _____

	Depth (m)	Temp. (°C)	Density (g/cm)	pH	CO ₂ (mg/L)
Top:					
Middle:					
Bottom:					

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PROJECT OCEANOLOGY

Navigation Data Sheet



Names: Project Oceanology

Date: 4/9/24

Station #.	1 Hobs Island	2
Time (24 HR)	10.17	
Barometric Pressure (cm)	76.5	
Air Temperature (°C)	12	
Relative Humidity (%)	68.7	
Wind Direction	135° SE	
Wind Speed (m/s)	3.1	
Beaufort Scale	1	
Tide	High Low	Flood Ebb High Low Flood Ebb
Visibility (KM)	31	
Cloud Type	cirrus	
% Cloud Cover	40	
Weather	2	
Latitude	41 ° 19.428 '	° '
Longitude	72 ° 04.689 '	° '

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LAT. _____ N-S LAT. _____ N-S
 LONG. _____ E-W LONG. _____ E-W

PROJECT OCEANOLOGY

Project Oceanology
 Data Form
 To be used for plotting
 location, not to be
 used for navigation

South of Thomas River
 to before ferry
 between Pt. St.
 Matthew and

Plot Stations for
 Project Oceanology

NEW LONDON

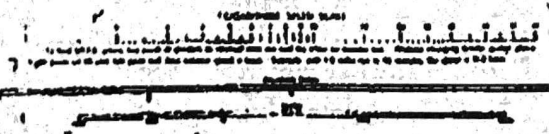
STATION	DATE	TIME	WIND	WAVE	SWELL	SEA	TEMP	WIND	WAVE	SWELL	SEA	TEMP
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ANCHORAGE AREA

USE ONLY (see note A)



MEASUREMENTS IN FEET
 OF MEAN LOW WATER



THE BACK



PROJECT OCEANOLOGY

Temperature, Salinity and
Dissolved Oxygen Data Sheet

Names: Project Oceanology

Date: 4/19/24

Station 2: Hobs Island

	STATION 1				STATION 2				STATION 3			
Location	Group 1 - Hobs Island				Group 2 - Hobs Island							
Depth (m)	Temp (°C)	Sal. (ppt)	D.O. Sat. (%)	D.O. (mg/L)	Temp (°C)	Sal. (ppt)	D.O. Sat. (%)	D.O. (mg/L)	Temp (°C)	Sal. (ppt)	D.O. Sat. (%)	D.O. (mg/L)
Surface	8.44	11.61	109	11.83	7.70	16.50	105.4	11.32				
1	6.44	26.96	108.2	11.03	7.20	19.29	104.6	11.08				
2	6.28	27.80	104.4	10.63	6.57	25.90	103.7	10.71				
3	6.24	27.82	103.2	10.60	6.30	27.75	103.3	10.61				
4	6.22	27.97	104.5	10.73	6.23	27.42	101.2	10.34				
5	6.22	28.02	102.4	10.54	6.22	27.99	100.6	10.31				
6	6.21	28.06	102.1	10.43	6.22	28.03	100.6	10.34				
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