

Oceanography Merit Badge

List the Four branches of oceanography:

1. _____
2. _____
3. _____
4. _____

List five reasons why it is important to learn about bays and oceans:

1. _____
2. _____
3. _____
4. _____
5. _____

Travel through three stations and answer the following questions:

Define the following terms and the amount measured for each:

Salinity _____

Density _____

Temperature _____

List three important properties of water:

1. _____

2. _____

3. _____

Define the following terms:

Benthos _____

Nekton _____

Plankton _____

List three types of plankton found in the tow:

1. _____

2. _____

3. _____

Describe why plankton is biologically important to Narragansett Bay.

Record your observations for the weather station:

Wind Direction	N	NE	E	SE	S	SW	W	NW
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Wind Speed	Kts	Mph	Beaufort
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Cloud Type	High:	Cirrocumulus	Cirrostratus	Cirrus
	Middle:	Alto cumulus	Altostratus	
	Low:	Cumulus	Stratus	Stratocumulus
		Nimbostratus	Cumulonimbus	

Cloud Cover	% of sky	Description
Air temperature	°F	°C

Wave Height	Calm	Wavelets	<1'	<2'	<3'	> 3'
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Tide Stage	High	Mid- Falling	Low	Mid- Rising
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Precipitation	No	Yes	Heavy	Medium	Light	Trace
Last 48 Hours						