



# 4-H Marine and Tidal Data Sheet

A record is part of your 4-H project. Keep your record neat, clean, and up-to-date. If you need help, ask your parents or leader. If you need more space, attach another sheet of paper.

Crew Members \_\_\_\_\_ Date \_\_\_\_\_

Location \_\_\_\_\_ Plot # \_\_\_\_\_

Season \_\_\_\_\_ Air Temperature \_\_\_\_\_ Water Temperature \_\_\_\_\_ Annual Precipitation \_\_\_\_\_

## Marine life

In the table below, identify the animal and plant specimens you found. Under "Description of where found," indicate if it was in the dune zone, foredune zone, intertidal zone, sub-tidal zone, or open ocean.

Specimen Name	Description of where found	How many found

## Water characteristics

Record the following water characteristics for each site that you tested

Test site location (intertidal zone, sub tidal zone, open ocean)	Tidal level	Temperature	pH	Salinity	Dissolved oxygen

Describe human disturbances to this marine environment and their potential impact.

Based on your data and observations, what can you say about the water quality at this location and why?

What other information would help you make a decision about the water quality?

What measures, if any, could be taken to improve the water quality and/or habitat at this location?

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