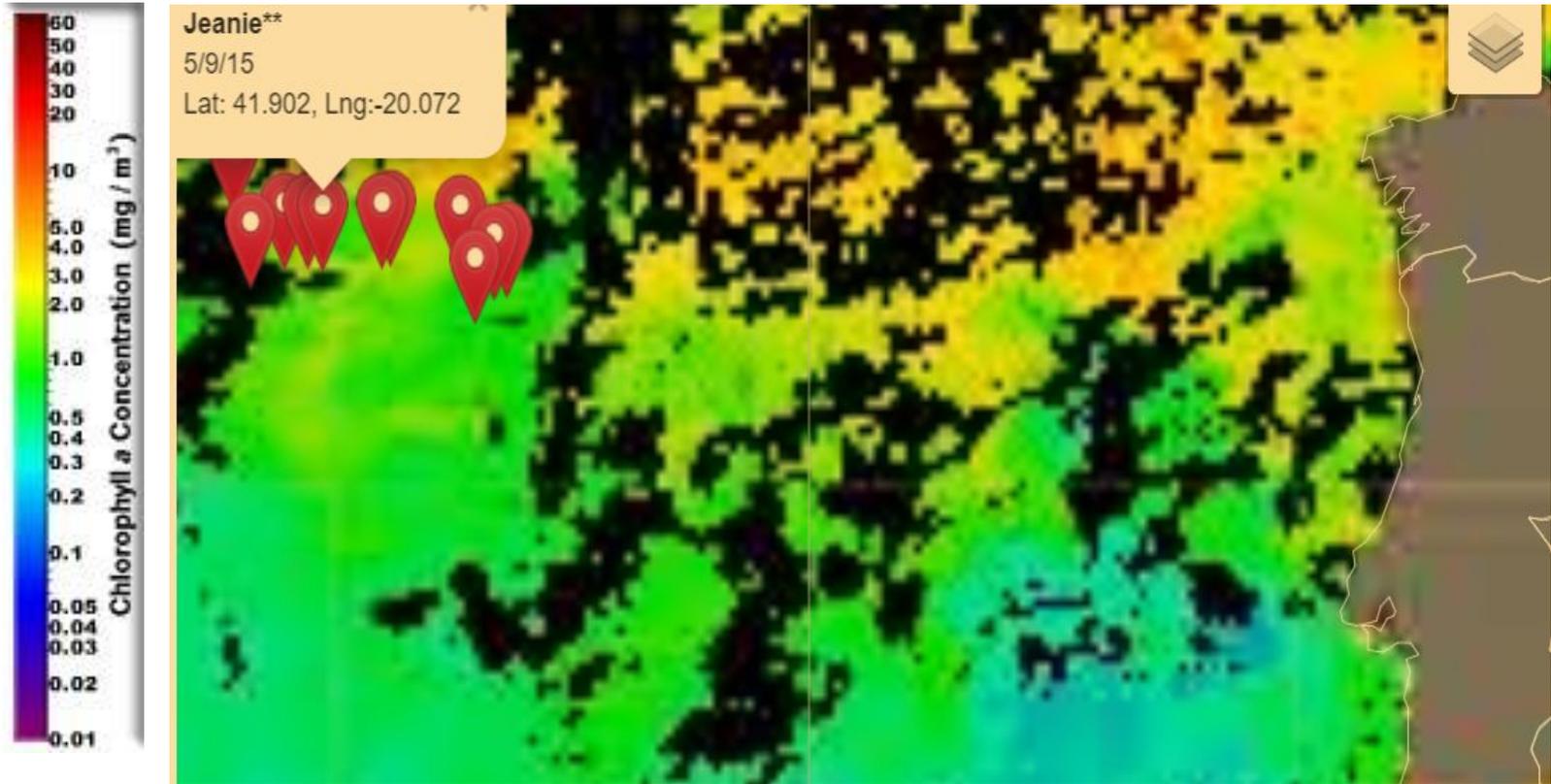


# Jeannie the Leatherback Sea Turtle



Analysis of marine animal movement  
Week of 5/9/15-5/12/15

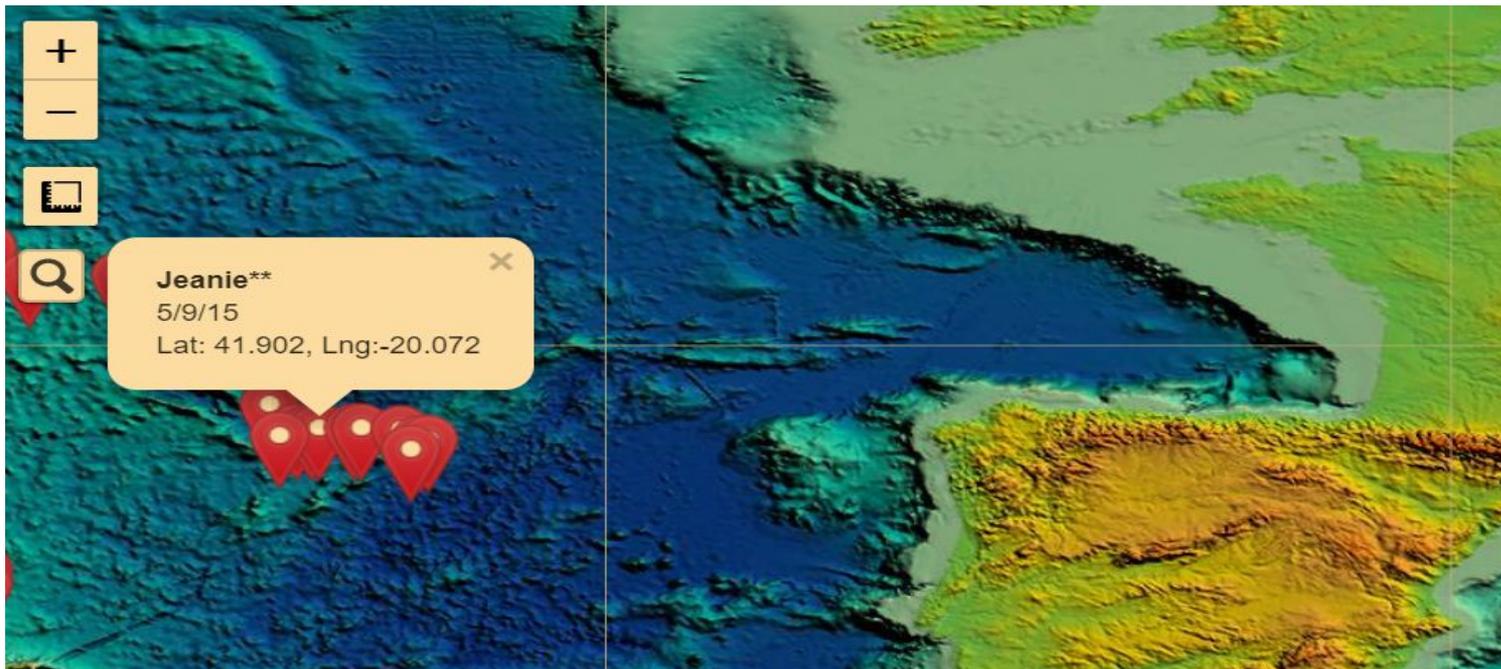
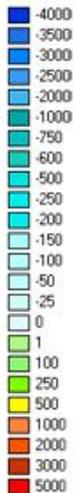
## Observation



Plytoplankton map and movements of Jeanie, the leatherback sea turtle. (ACES, 2020)

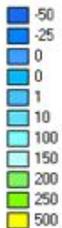
There are higher resolution Bathymetry images around the National Marine Sanctuaries. Use the color bars below for these higher quality images.

**Elevation in Meters**



**Thunder Bay NMS  
 Lake Huron**

**Elevation in Meters**



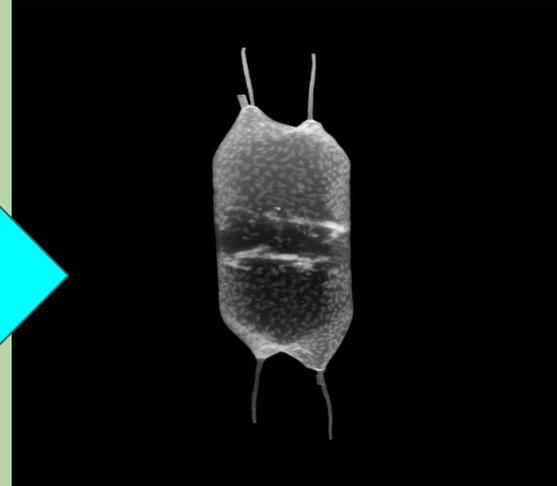
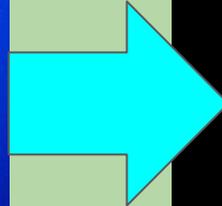
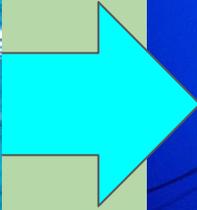
Date	Location	Bathymetry	Distance from coast
5/9/15	41.902, -20.072	-2500	574
5/11/15	41.914,-19.456	-250	544
5/12/15	41.937, -19.352	-3500	537

### Observation:

The ocean floor depth is -750 to -1000 meters and approximately 565 miles from the coast of Spain and Portugal.

### Justification:

There is an abundance of phytoplankton, which is a food source for jellyfish. Jellyfish are a main food source for Leatherback turtles. Therefore, the leatherback turtles are migrating to where the jellyfish are going.



# Resources

(n.d.). Retrieved from

<http://www.signalsofspring.net/students/index.cfm?journalopen=yes&user=student>

Jellyfish. (2020, March 08). Retrieved from <https://en.wikipedia.org/wiki/Jellyfish>

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Leatherback Turtle. (n.d.). Retrieved from <https://www.worldwildlife.org/species/leatherback-turtle>