

Analysis Journal

Bathymetry and Iala the

Olive Ridley Turtle

December 21, 2011- January 2, 2012

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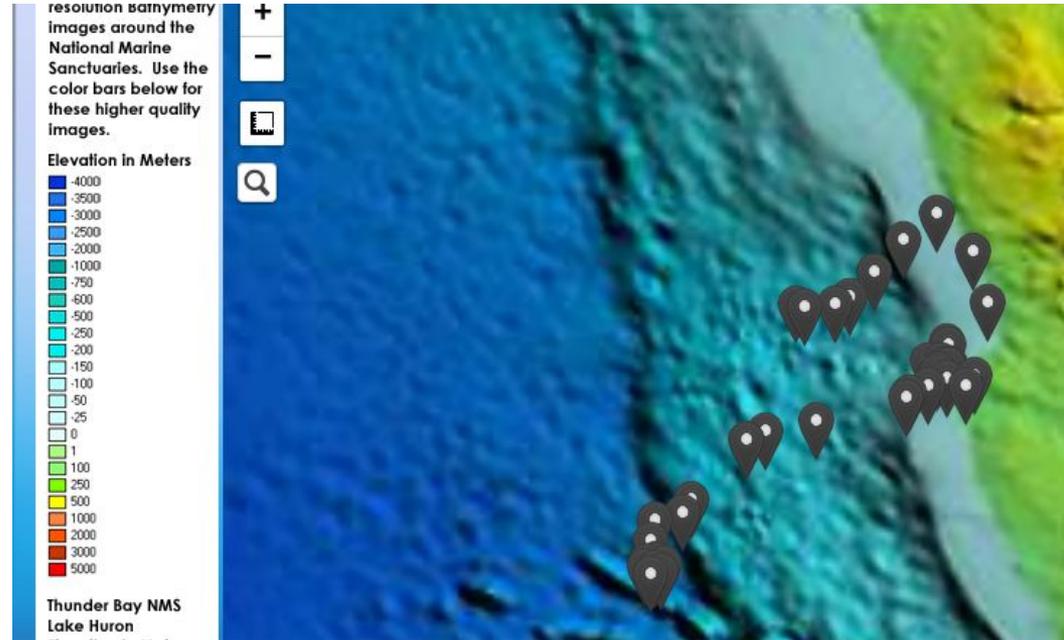
- 12/21-12/22
 - Off the western coast of Africa in the South Atlantic
 - 8 miles offshore in water that is 150 meters deep (on the shelf)

- 12/24
 - Traveled 16 miles to the shore off of Angola.

- 12/25
 - Travels west over the continental shelf to water that is about 2,000 meters deep (continental slope).
 - From here she travels Northwest and ends up 106 miles off the coast, but still on the continental slope.

- 1/2
 - She has traveled 44 miles west closer to the shore

Observations



Justification

- 12/22- 12/24
 - lala arrives on shore most likely for nesting. The Olive Ridley Turtle has a nesting season from June to December.
- 12/25
 - She begins moving offshore in search of food sources.
 - This turtle species enjoys the open ocean.
 - They can dive up to 150 meters for food.



Google Maps

- lala stays off the coast of Angola.
- This turtle species likes tropical or subtropical areas and warmer waters.



Chlorophyll

- There is more chlorophyll in areas offshore.
- This may be another reason lala moves off shore in search of food.

