

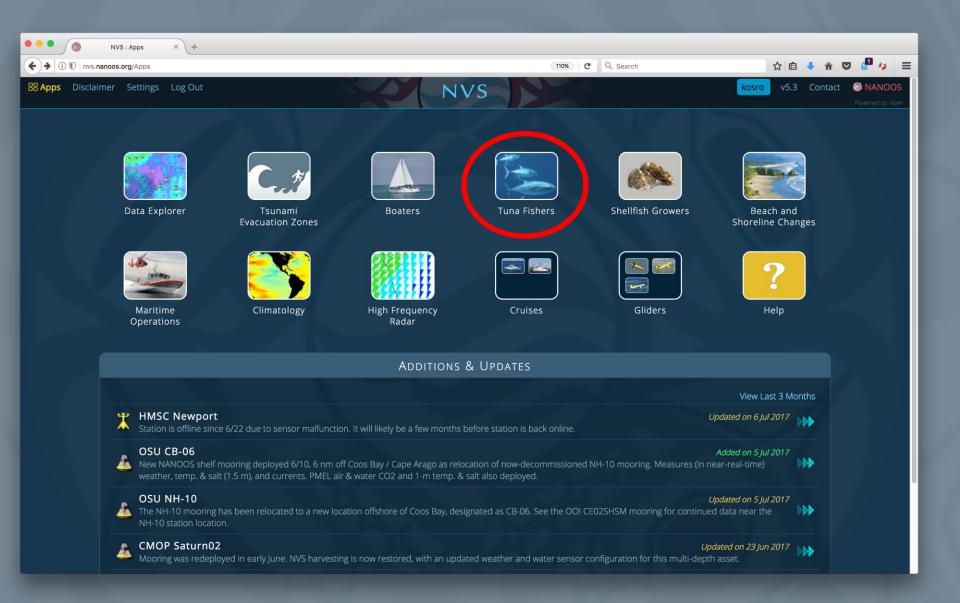


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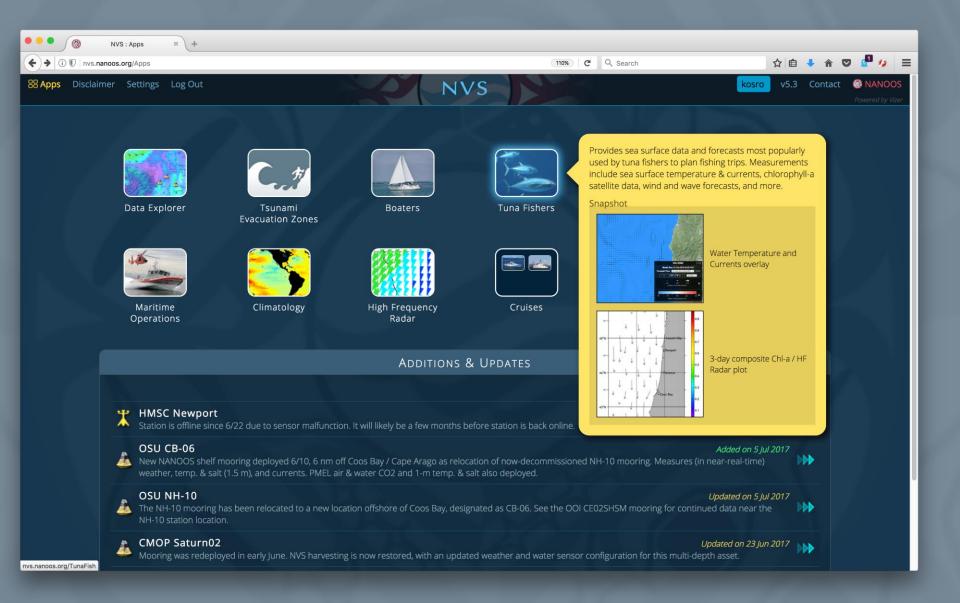


TOOS









Tuna Fishers app uses estimates from an ocean model developed at OSU by Alex Kurapov. In addition to using wind, tides and fresh-water forcing, this advanced model "assimilates" measured data to keep it more accurate.

It highlights the locations where sea surface temperature is expected to be above 59 degrees F. Warmer waters are shown in red, cooler waters are shown in blue.

Surface currents from the model are also shown.

You can:

- map tuna fishing waters for Oregon and adjacent waters
- zoom in or out to get more detail
- look at estimated tuna waters for yesterday, today, tomorrow, ... hour by hour
- use your cursor to determine the latitude and longitude of a particular feature of interest
- plan routes using your cursor, and download the routes as a spreadsheet, as a GPX file (mapping software) and as a KML file (for Google Earth).
- examine maps of measured ocean currents, of satellite-sensed chlorophyll,

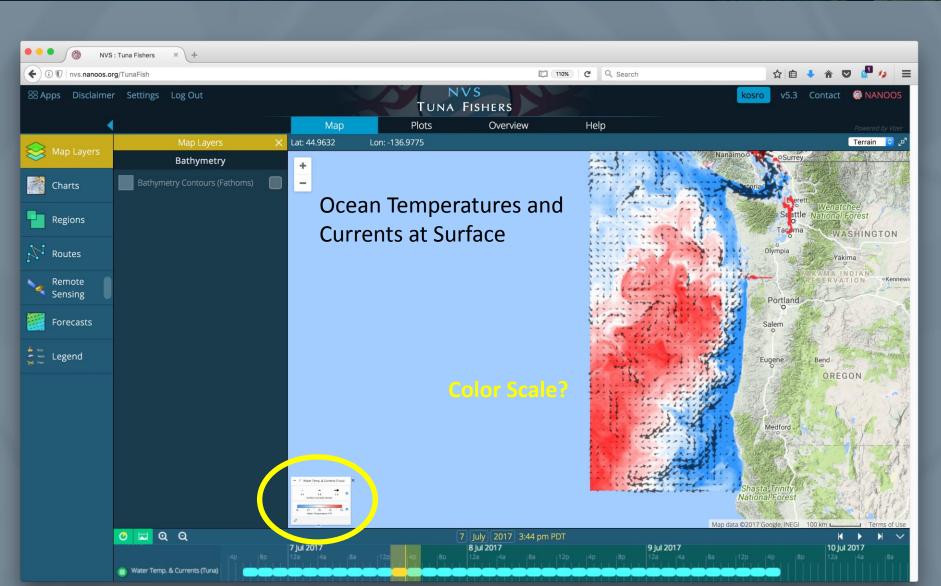


 Task 1: Locate "Warm (tuna) waters" in the region

Select the Tuna Fishers app

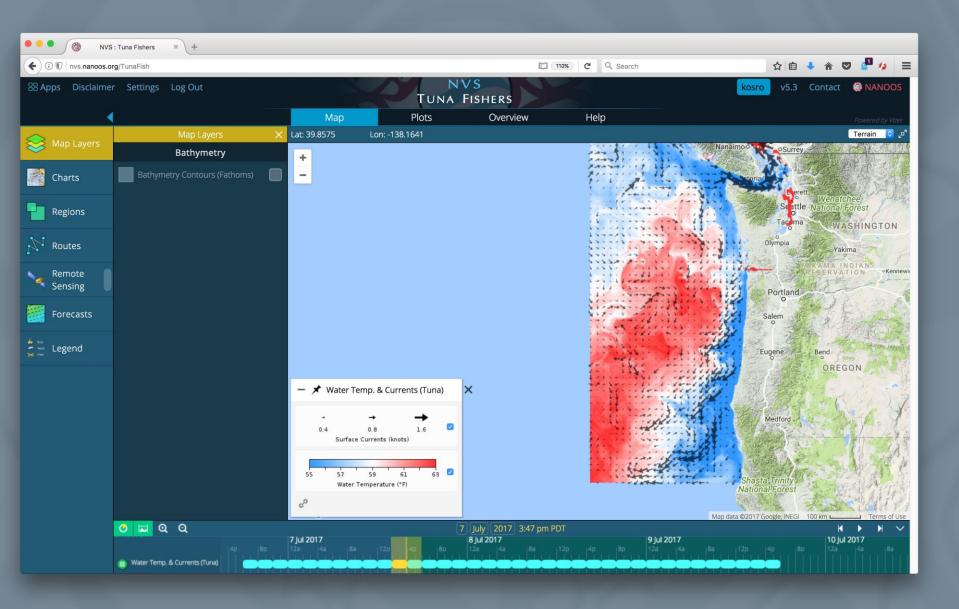










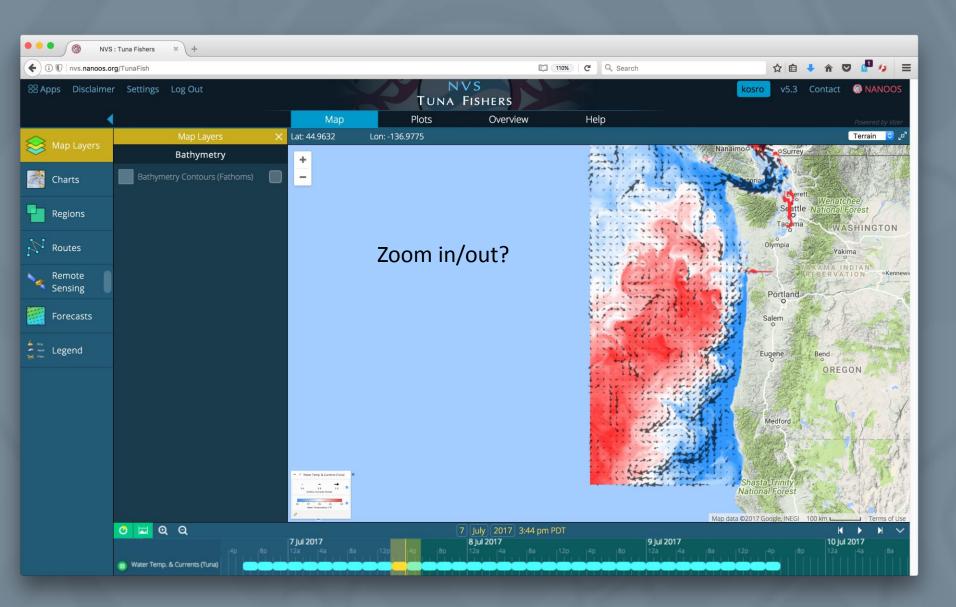




Task 2:Zoom in or out

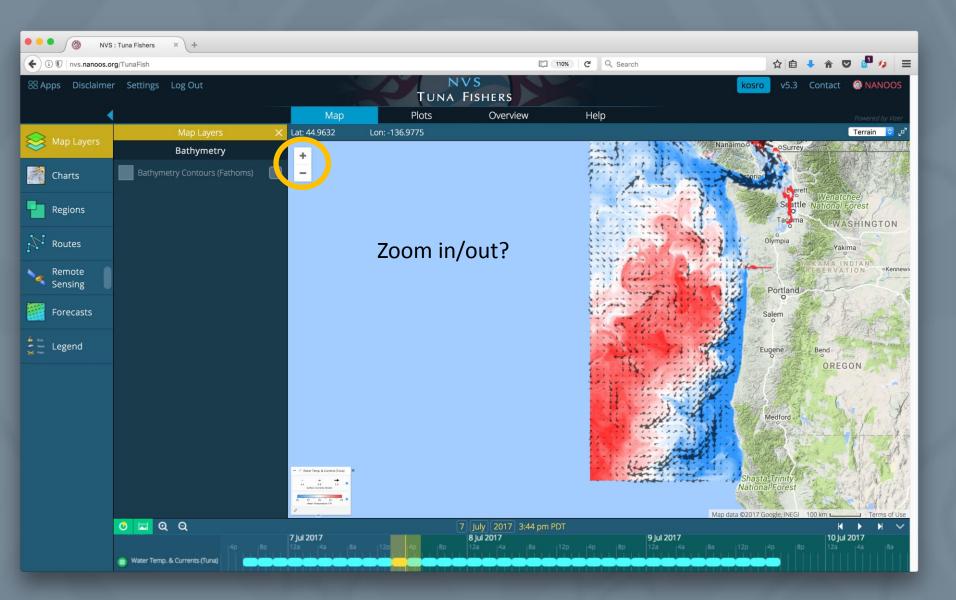








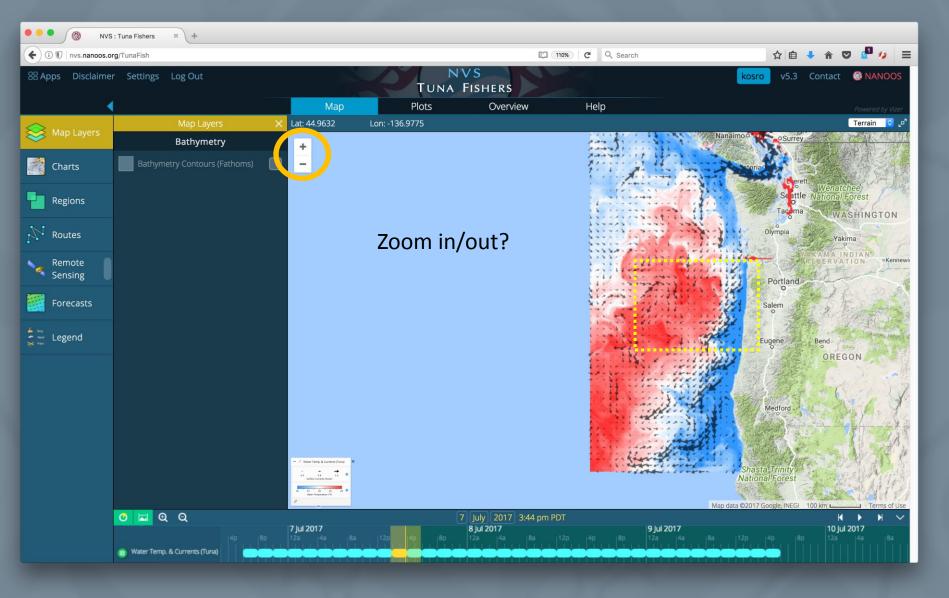






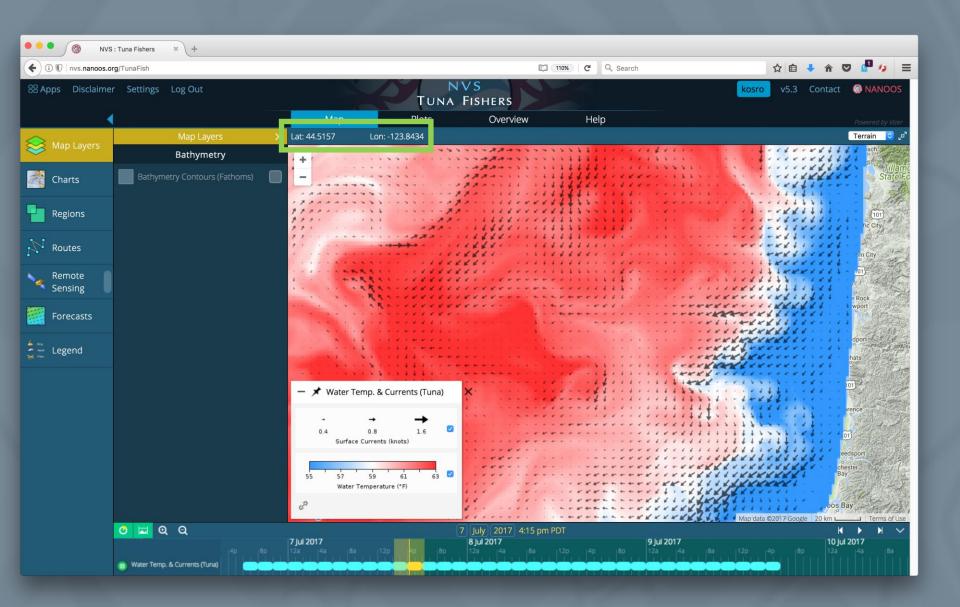










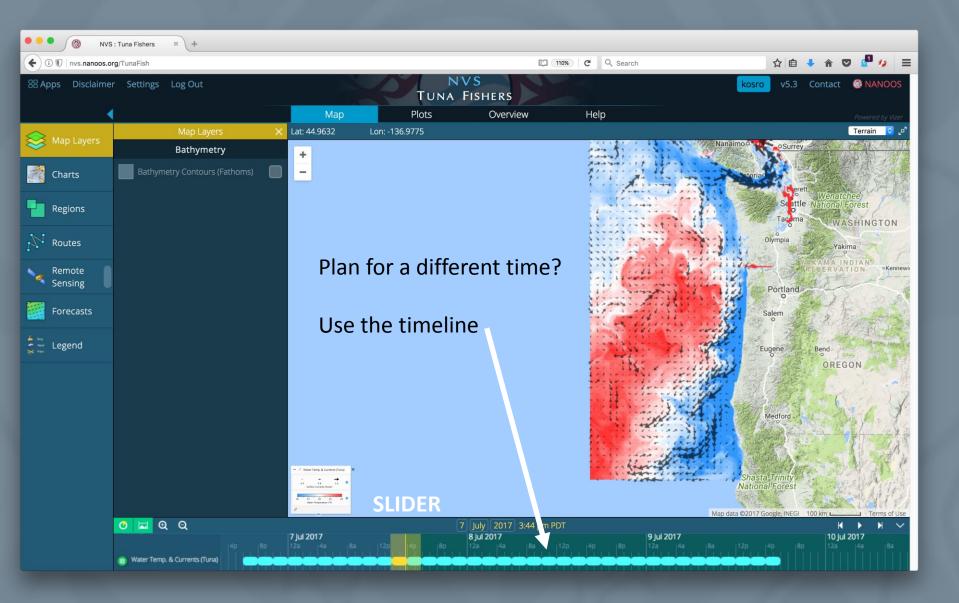




 Task 3: Look at a different day/time!

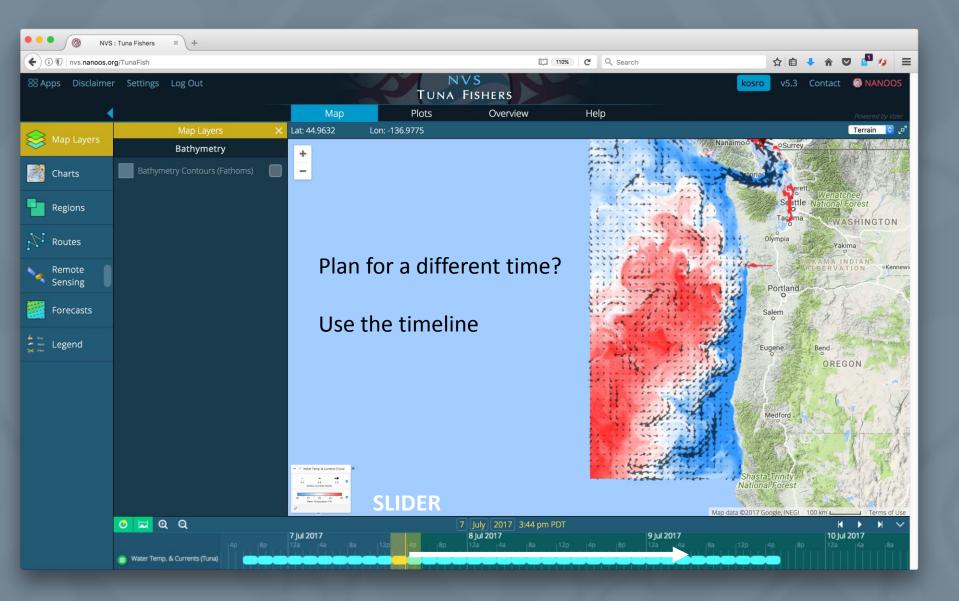






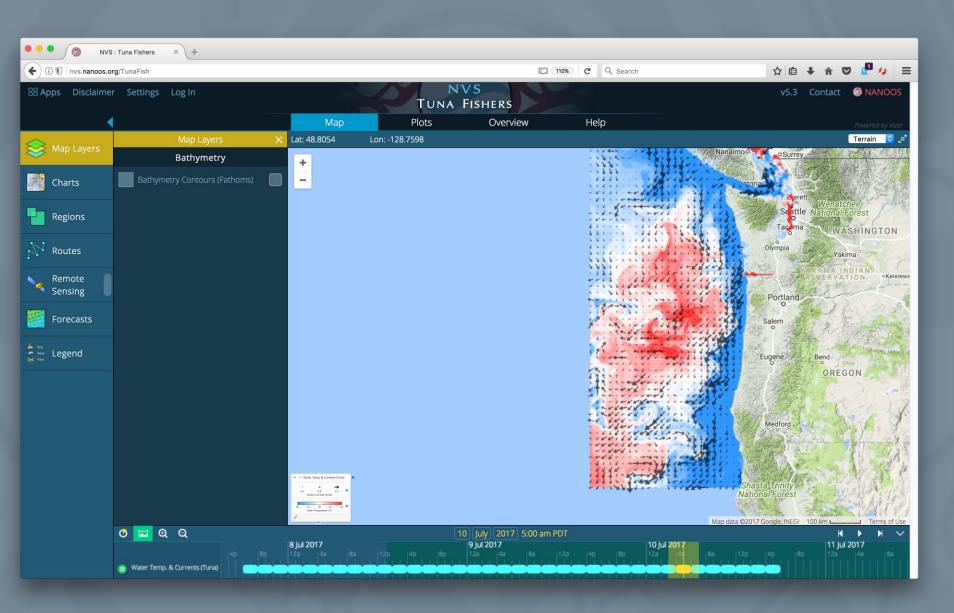












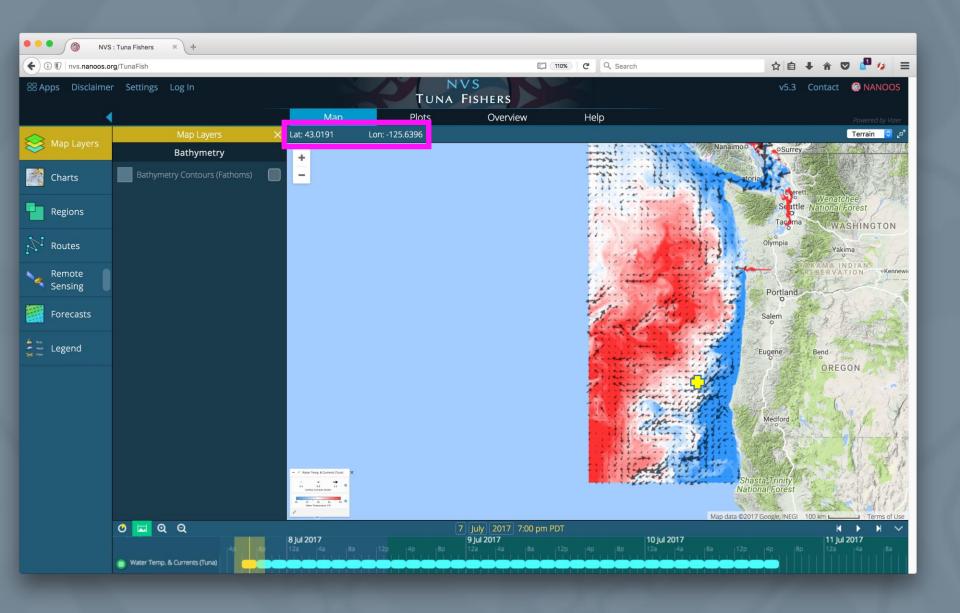


Task 4:
 Find location of a feature

Solution:
 Move your mouse cursor to the feature
 Read Position at upper left



IOOS



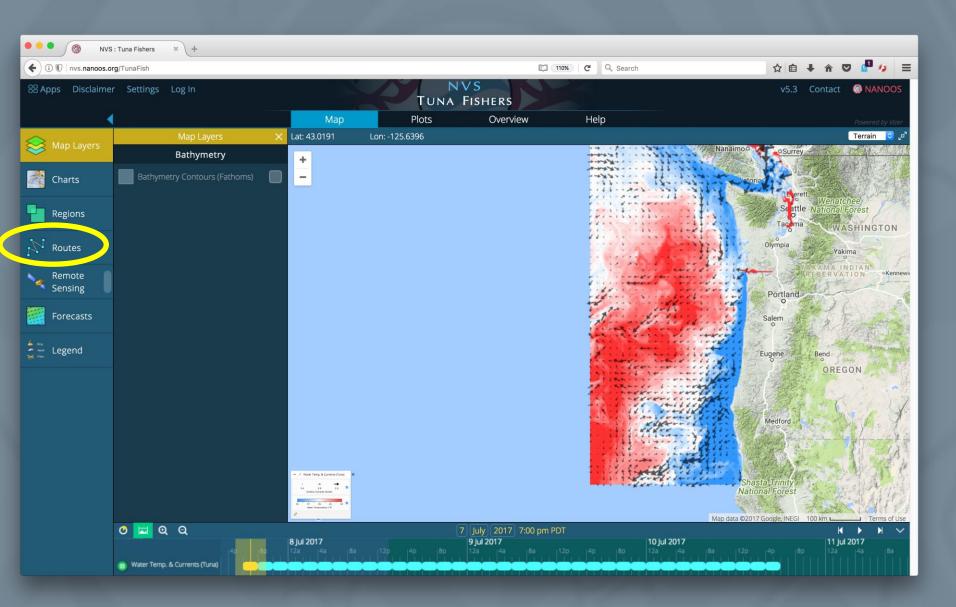


Task 5:
 Plan and record a route

Solution:
 Use the "Routes" tool at the far left

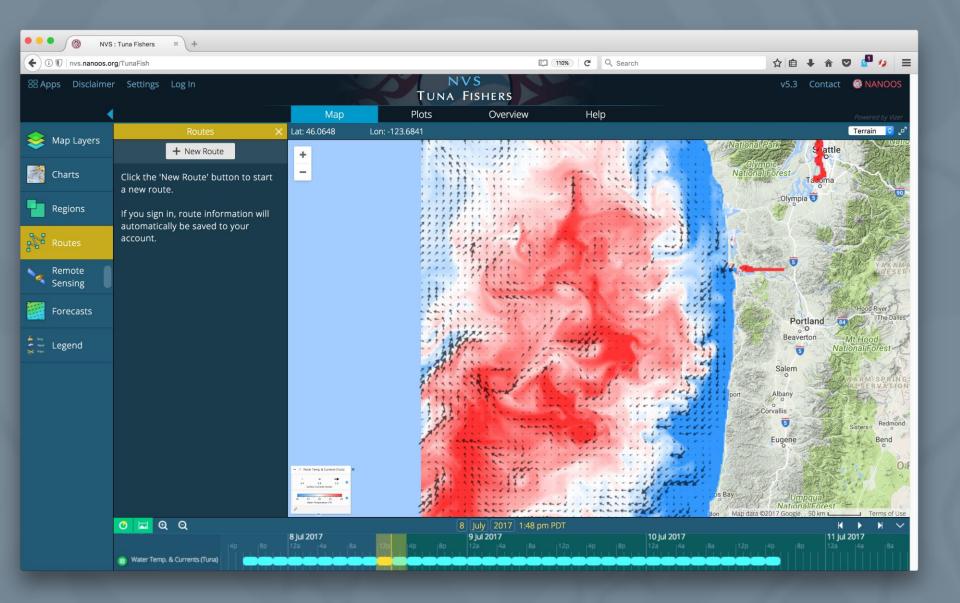






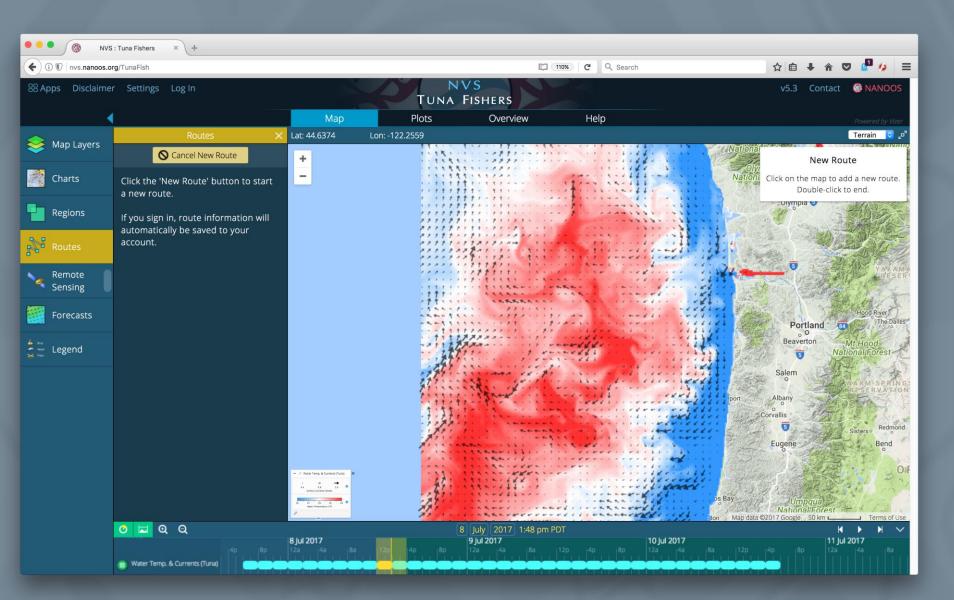








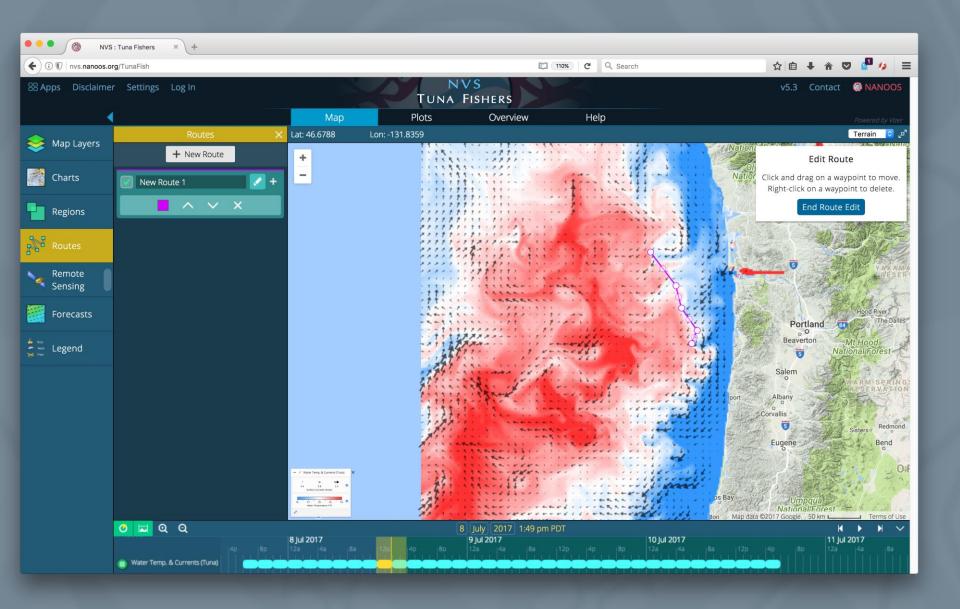






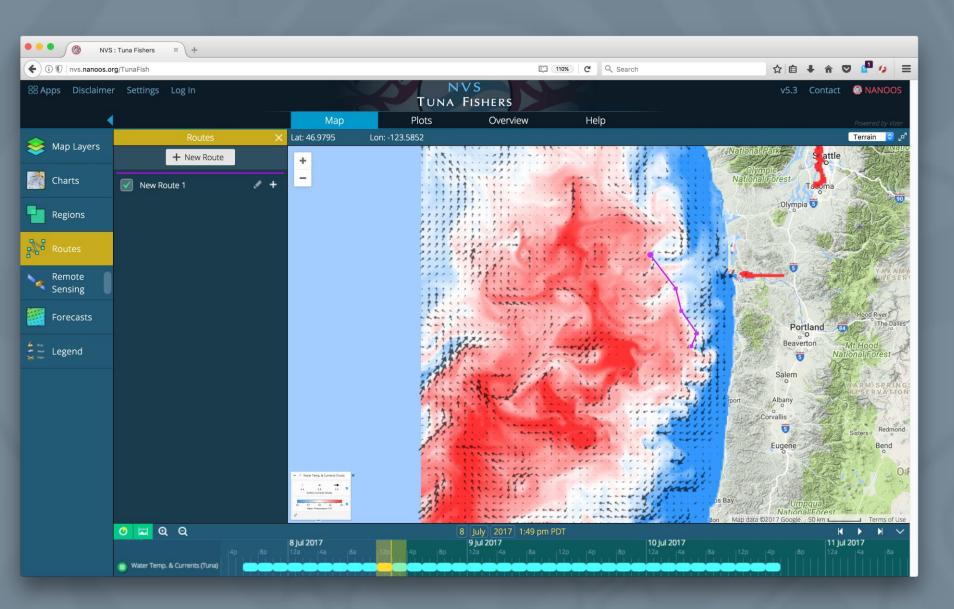
NANOOS





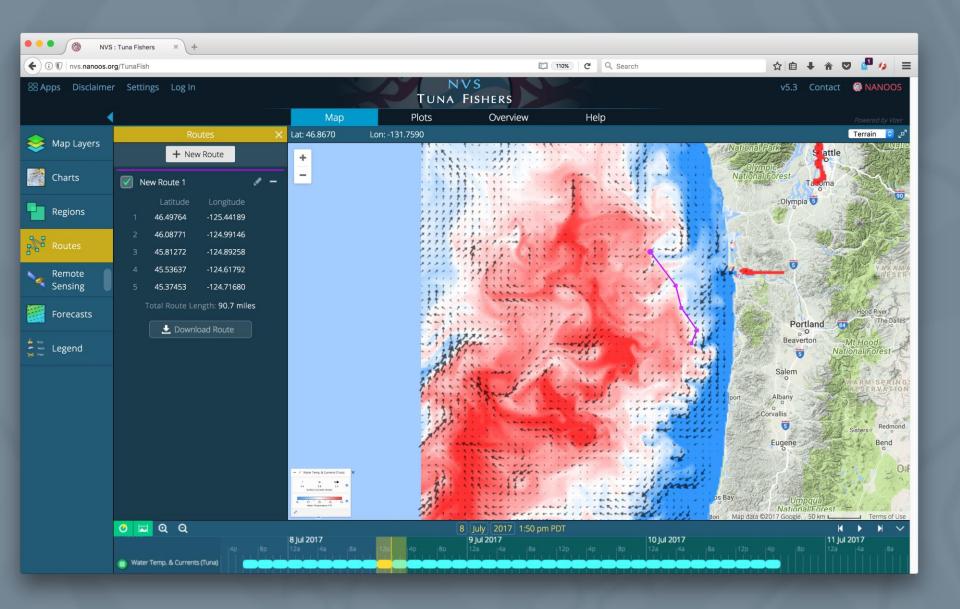






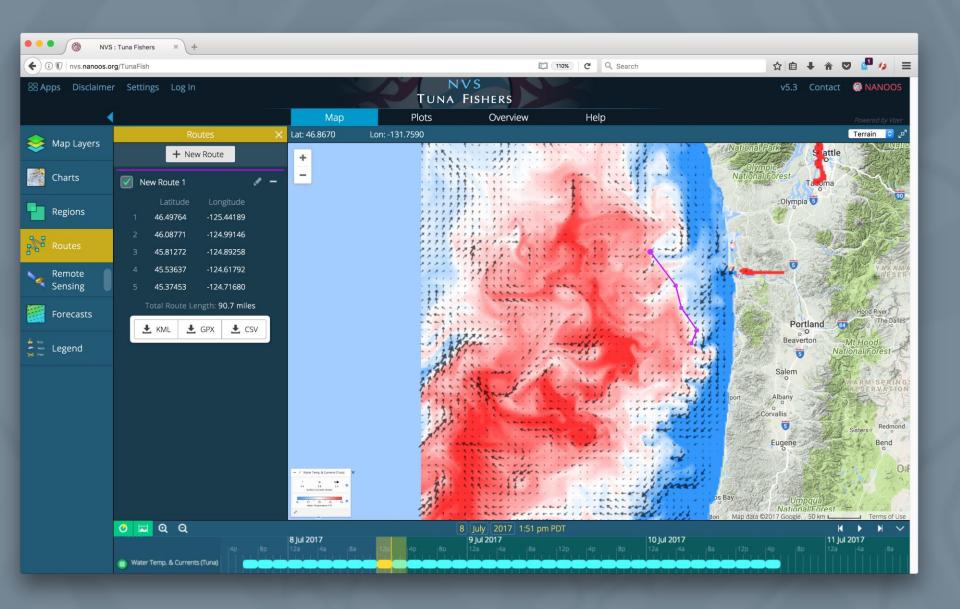








TOOS





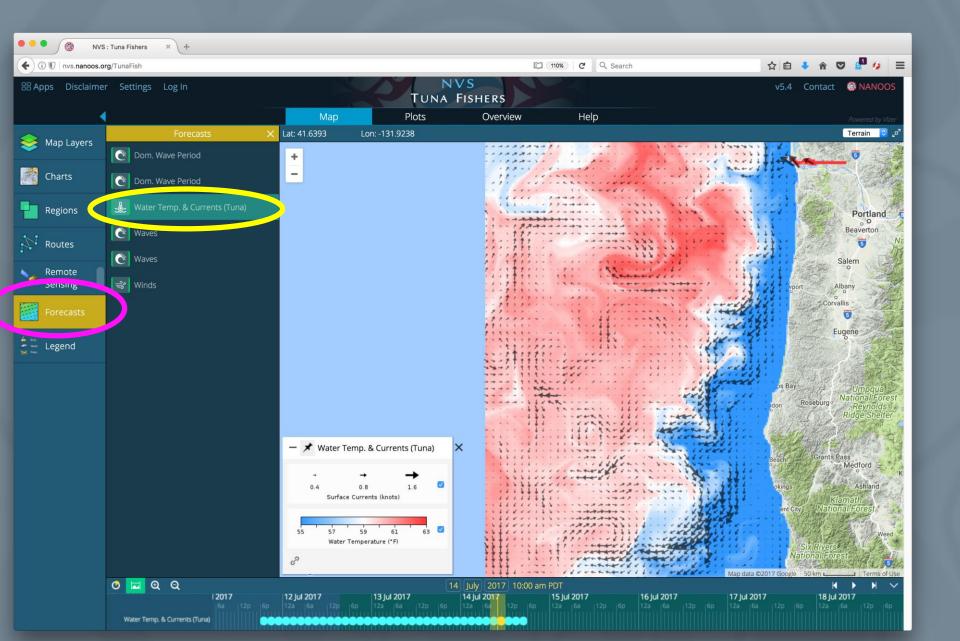


Other Products from Tuna page



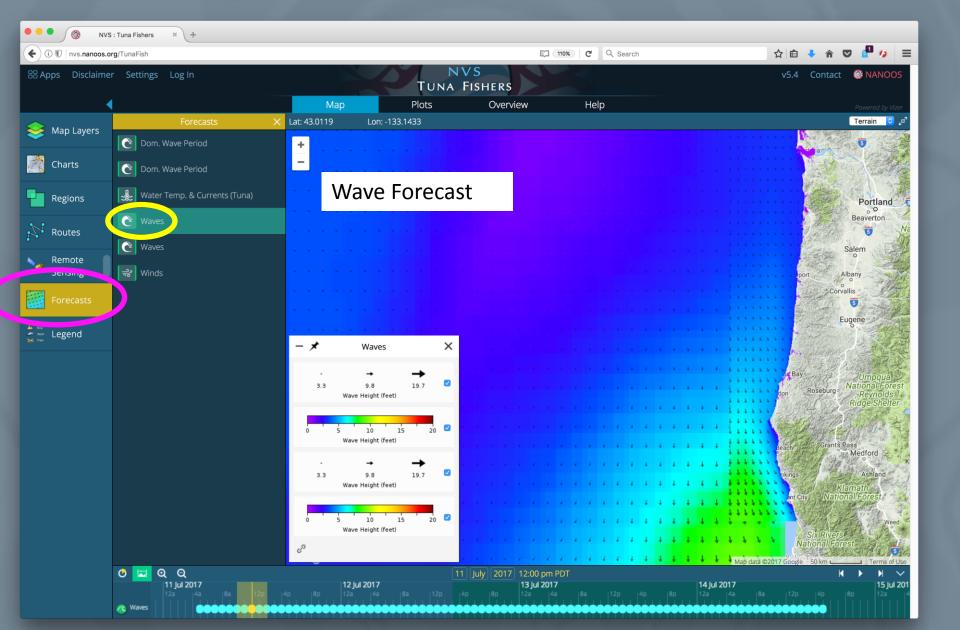
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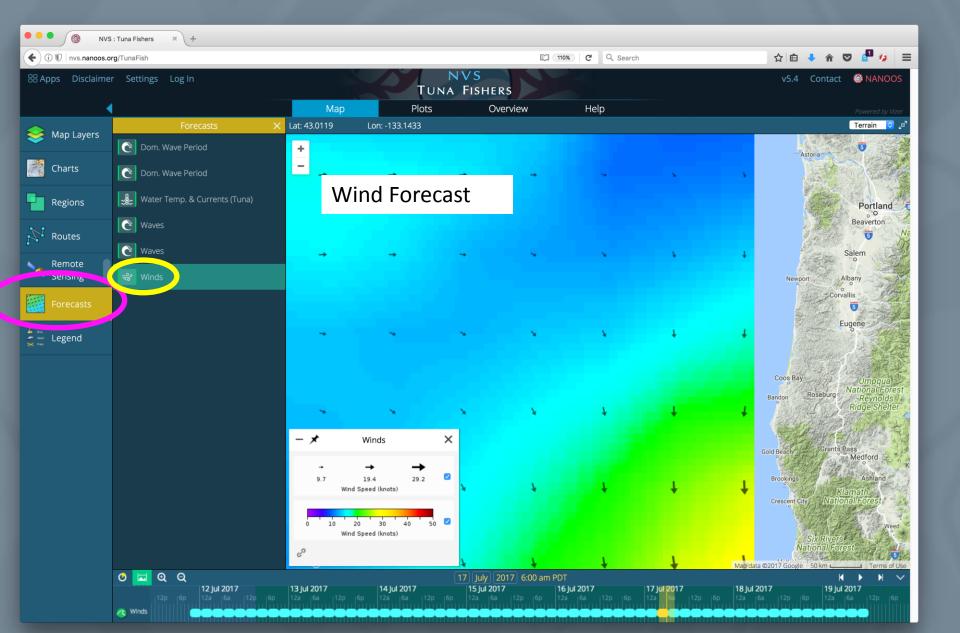






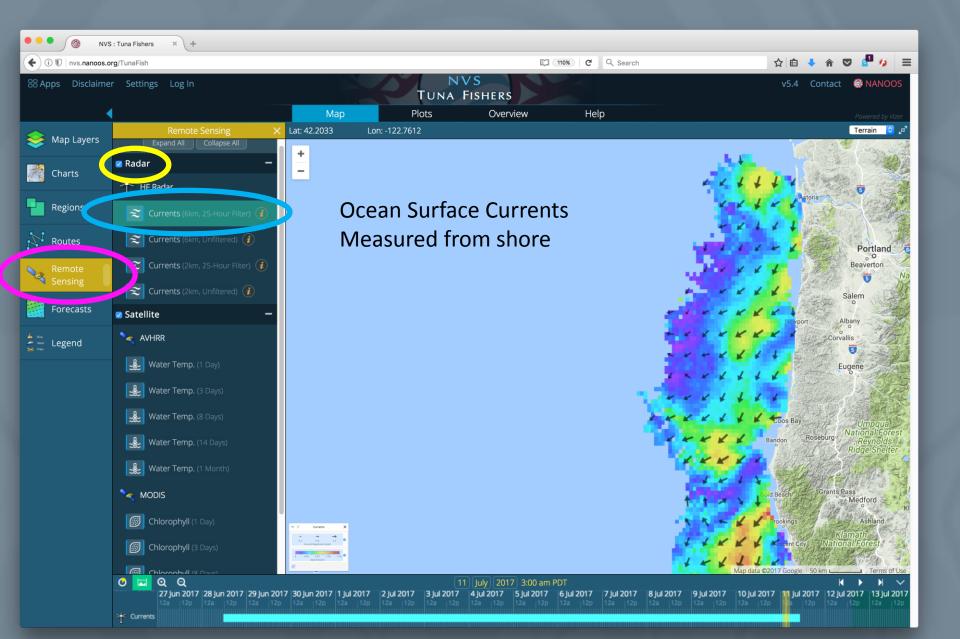






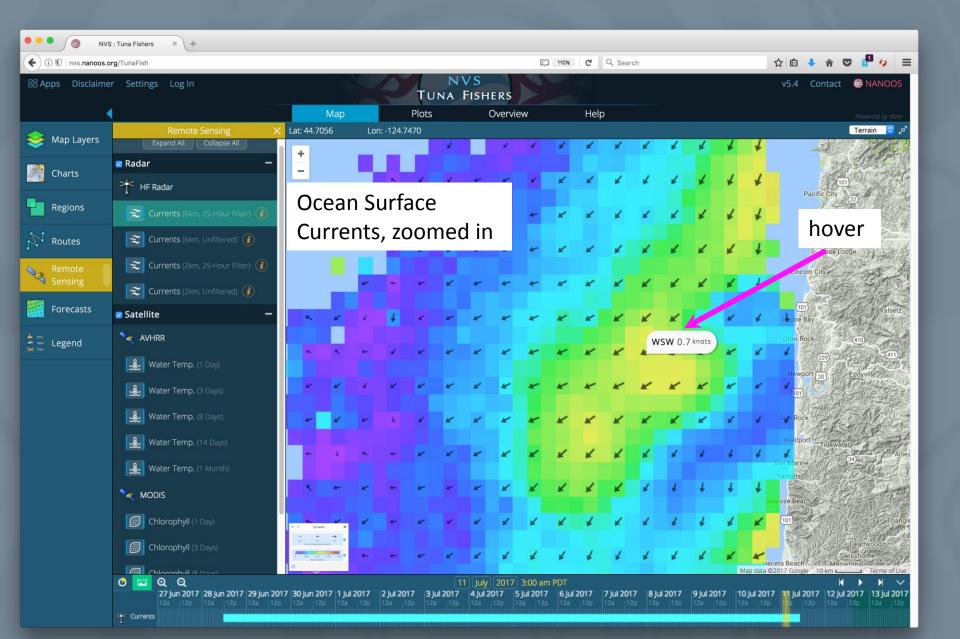






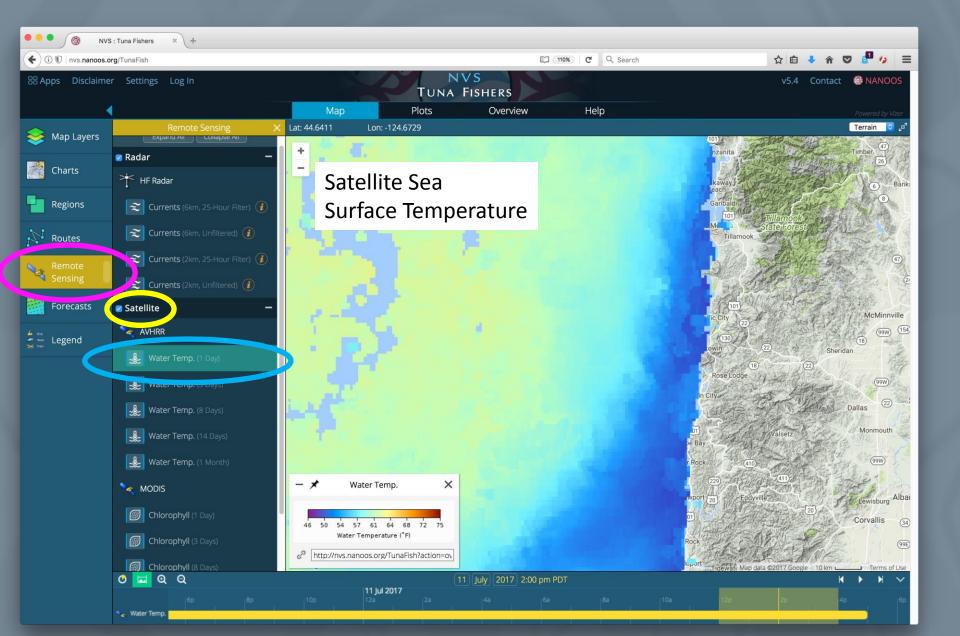






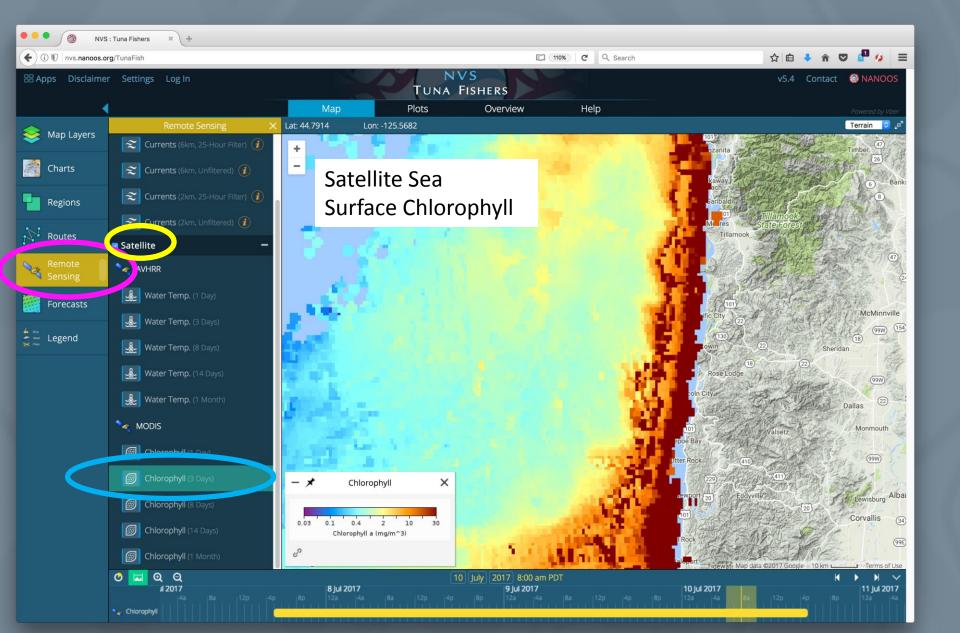






















Discussion of Tuna Fishers app Note-taker? Rapporteur?

Strategy: looking for feedback in this group on the Tuna Fishers app. Other groups will ask similar questions about other apps





Who is a current user of the Tuna Fishers app?

Yes:

No:







Is the app giving the data you need?







Can you find the information that you are looking for in a way that is useful?



When do you use the app?

Before going to sea?

While at sea?







Do you use the "Current Conditions" feature?

For what purpose?



Do you use the "Routes" feature?

If so, how?





Are you using the Timeline?
Has that been successful?
Do you use the graphed data in the timeline, and/or the pop-up values?



Are you mainly interested in:

- forecasts (models)
- observations of current conditions
- historical data?

How do you use them?



If data are needed, how easy is it to get from NVS?

What formats are most useful to you?:

- Graphs/maps/visual output
- Numerical values?
 - as spreadsheets?
 - as GPX (for charting)?
 - as simple listing?





What specific types of data products would be most beneficial to you?

Delivered how?







Do you use/expect-to-use NVS mainly: From home/office (computer)? From a mobile device?







Thank you for your participation!















