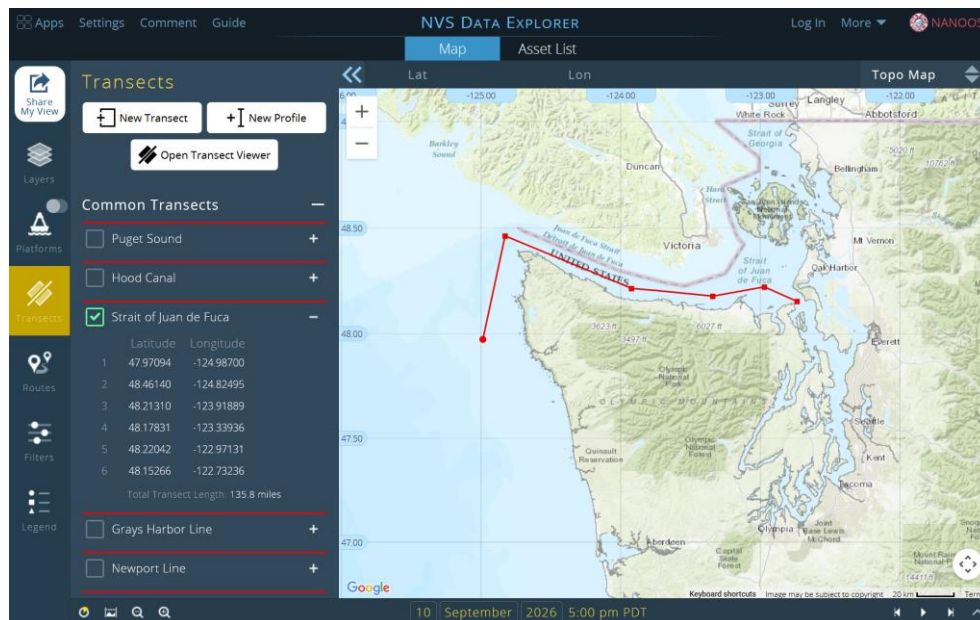


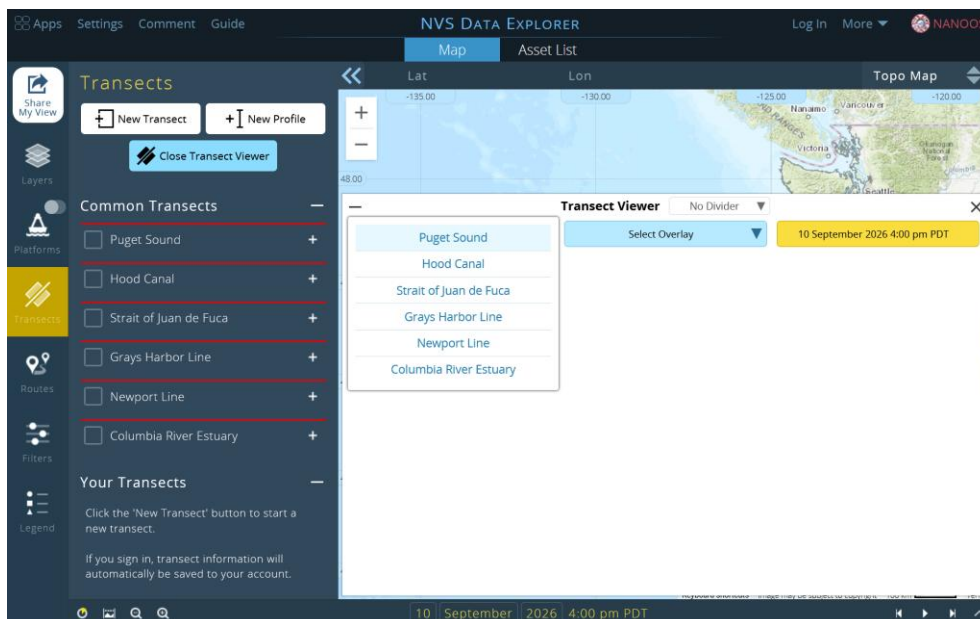
NVS Transects

The NANOOS Transect Viewer visualizes model output conditions throughout the water column along a path in the NANOOS Visualization System (NVS) [Data Explorer](#).

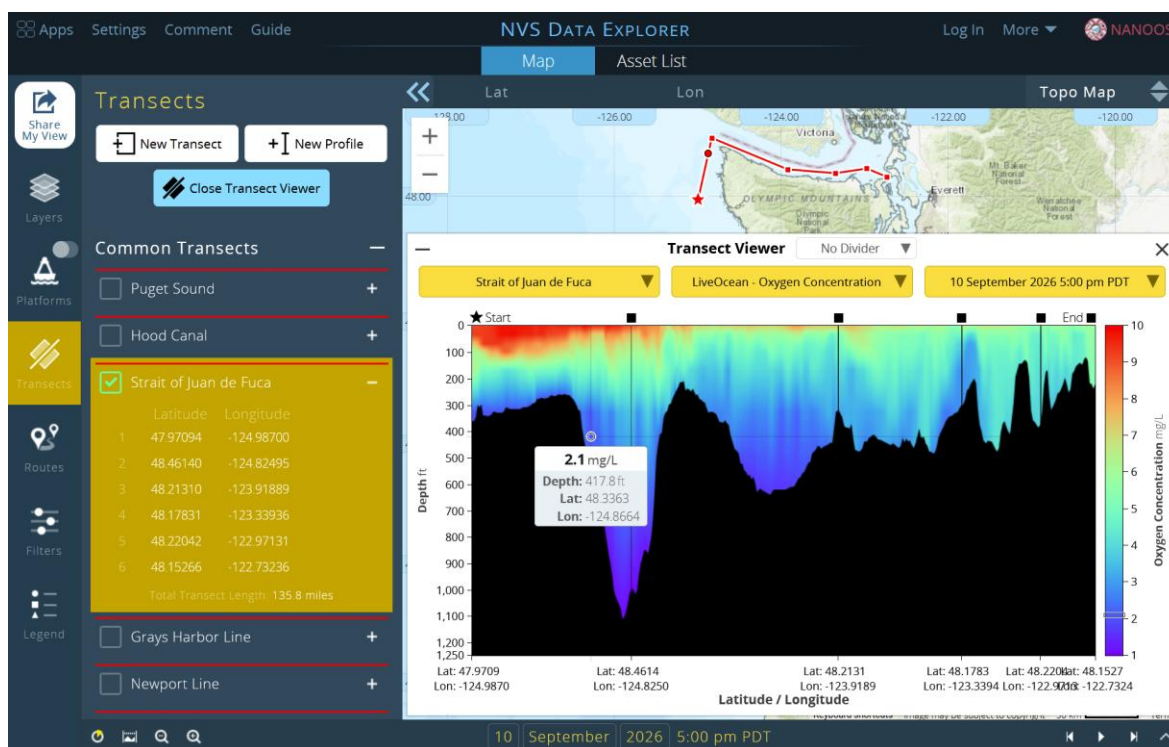
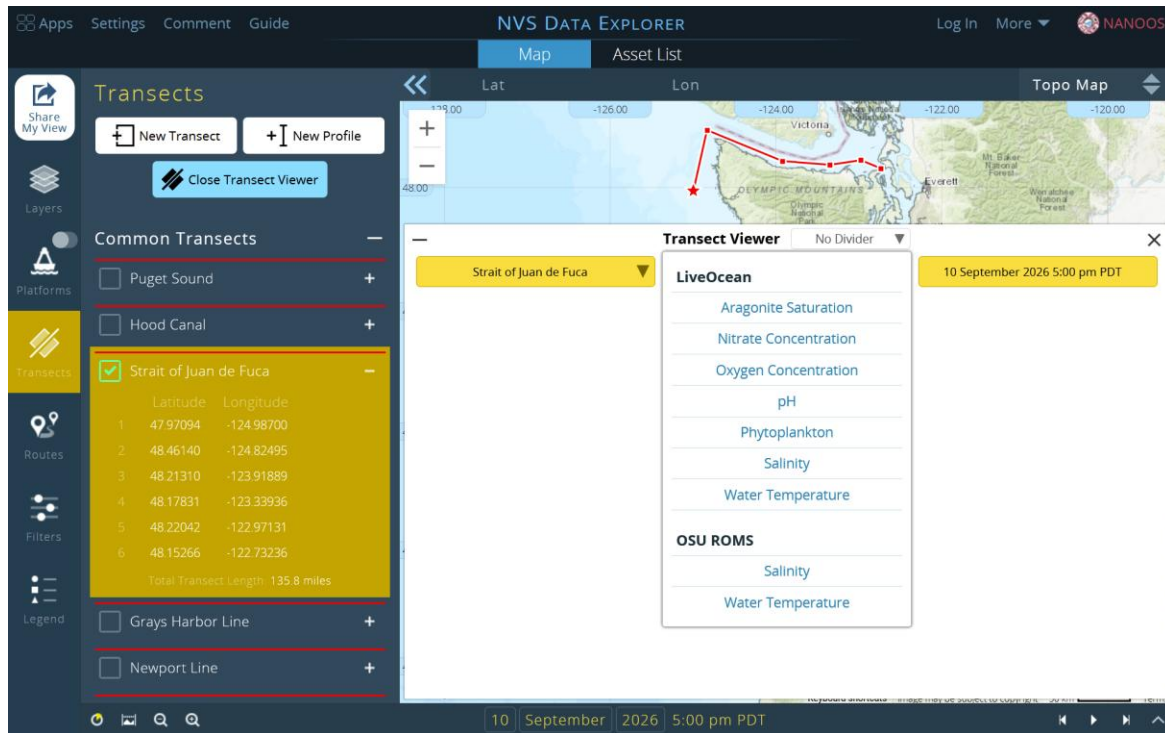
In NVS, select Transects in the menu on the left and Open the Transect Viewer. There are a number of predefined Transects along frequently used lines like the Strait of Juan de Fuca and the Columbia River Estuary. Click the check mark to see the Transect on the map.



You can visualize model output along one of these predefined lines by clicking on the transect name in the menu at the left, or by opening the Transect Viewer and selecting the transect from the drop-down menu.

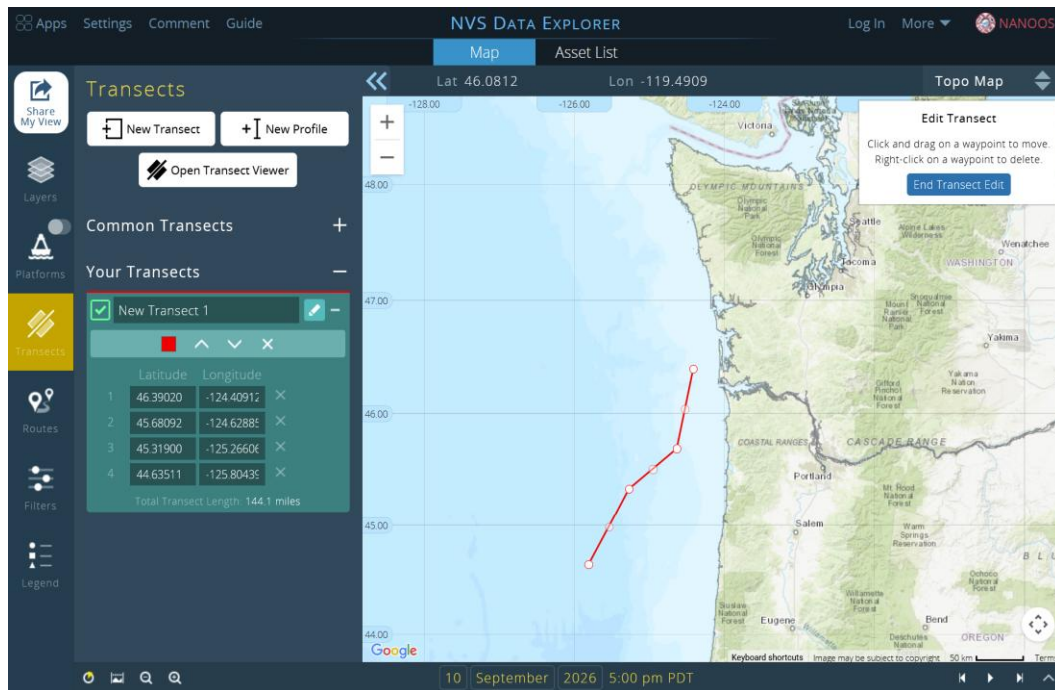


Then select the model overlay and date/time you would like to visualize.

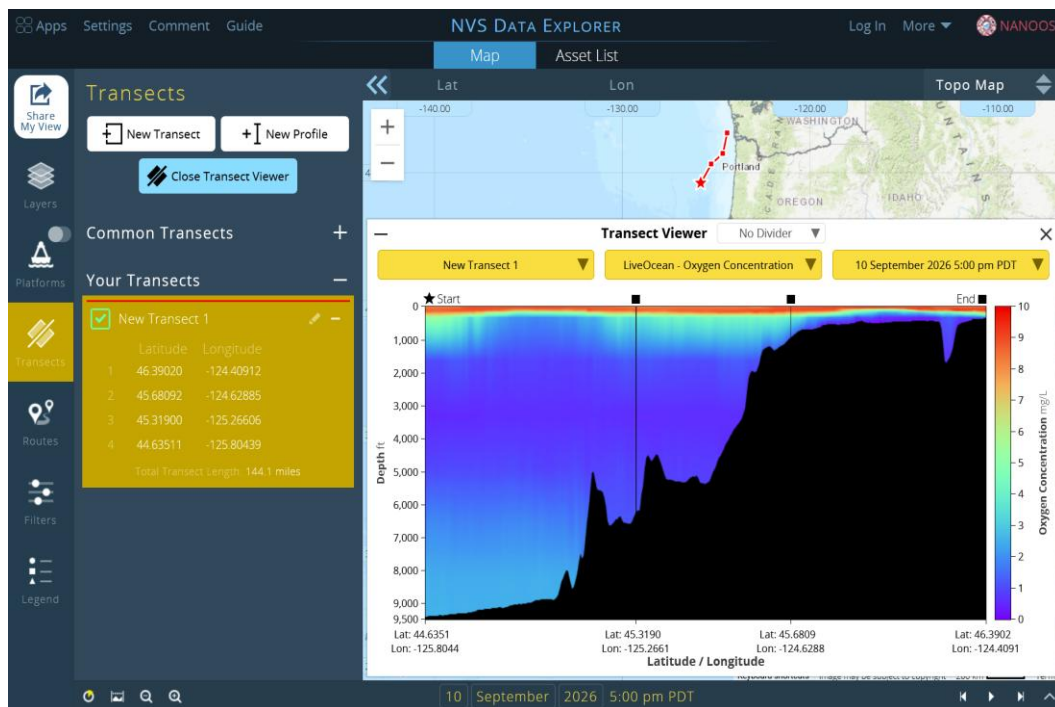


Create your own Transect by clicking the "New Transect" button at the top of the "Transects" panel then clicking on the map to add points. Double-click to add the last point. Log in to your

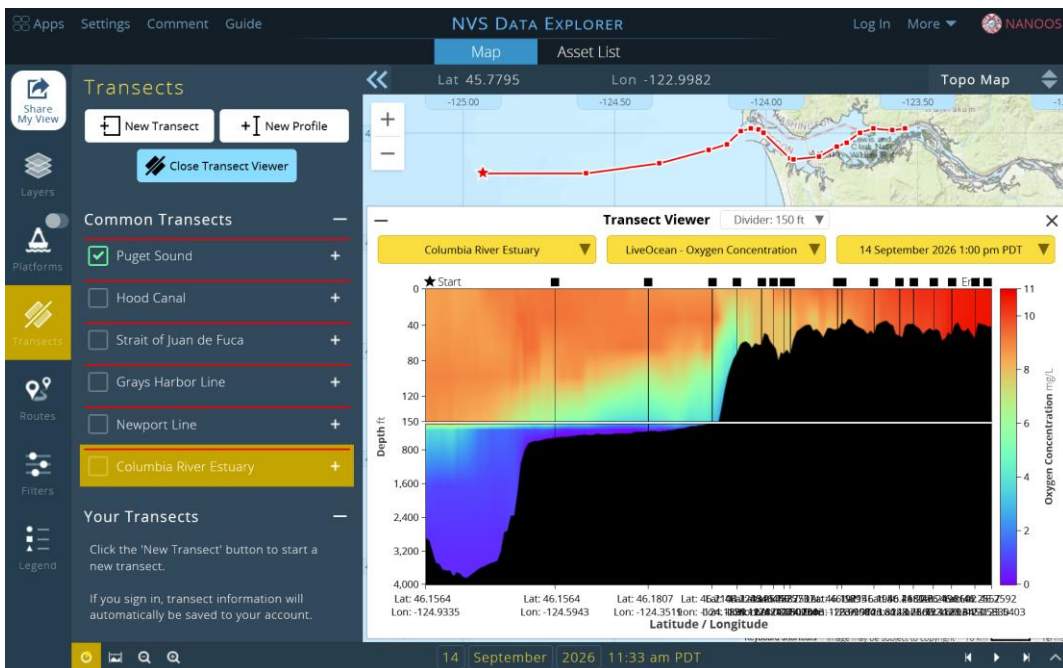
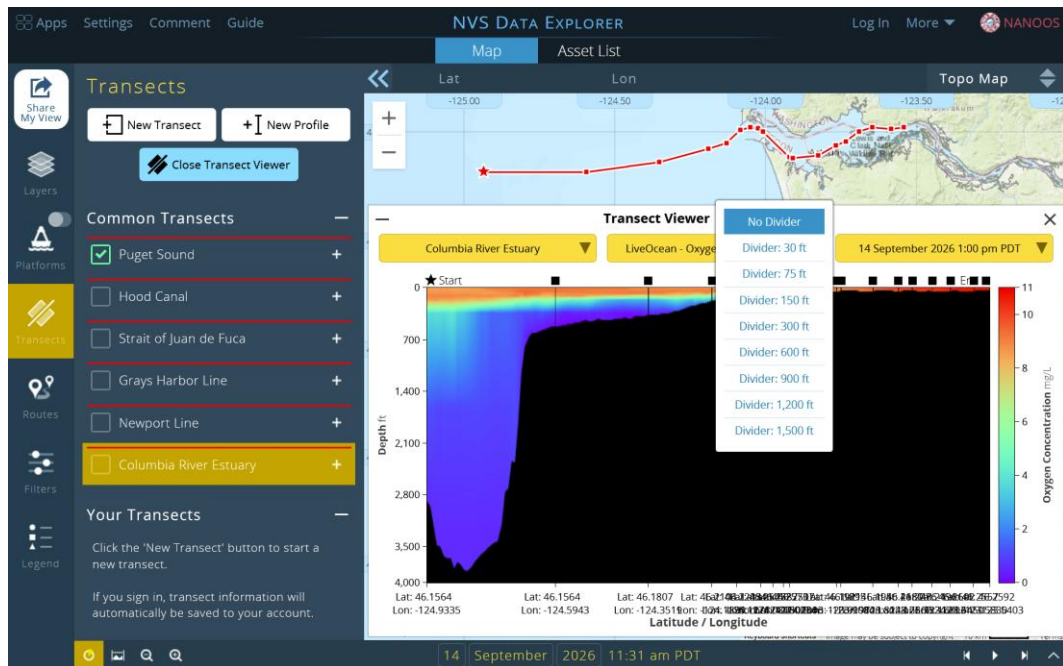
NANOOS user account to save the Transect, which can be edited (change locations, name, and color).



Open the Transect Viewer then select the model/variable and day/time of interest.



Use the "Divider" function to expand the surface layer resolution. Select the depth from the drop-down menu.



As always, let us know your thoughts or questions in the [Comment link](#), found at the very top of the page.