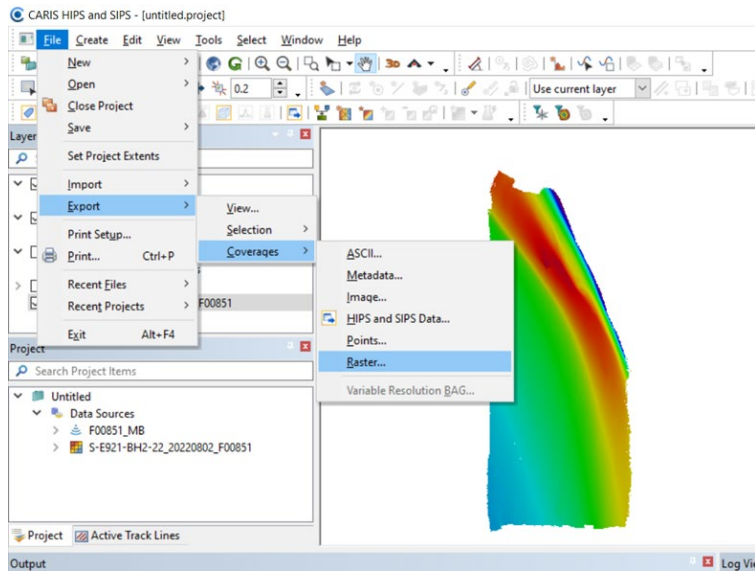


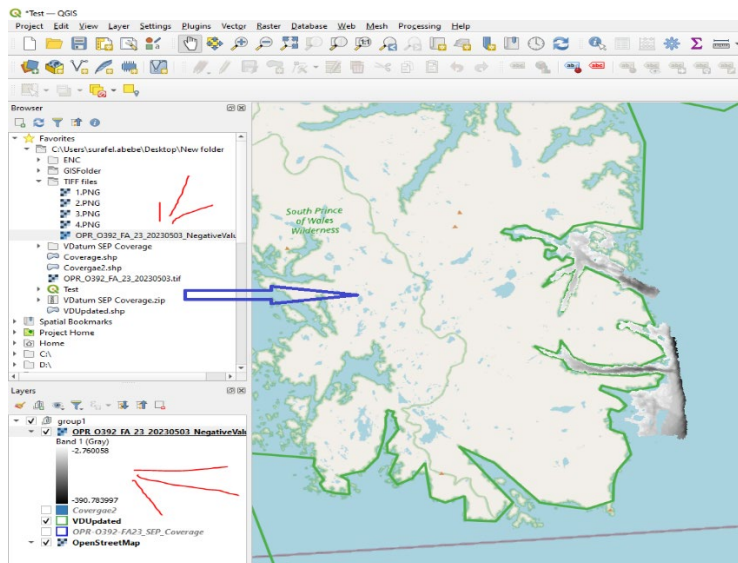
GeoTiff negative value Converting in QGIS

ArcGIS has the tendency to read CARIS depths as negative values. Use the raster calculator to convert negative value to positive values.

1. Create a regular gridded surface directly from the HIPS track lines
2. With the correct surface selected in the CARIS Layers tab, go to **File > Export > Coverages > Raster**.
3. In the Export Raster dialog box use the *Format*: dropdown option to choose either **Export Raster to GeoTiff** or **Export Raster to BAG**.

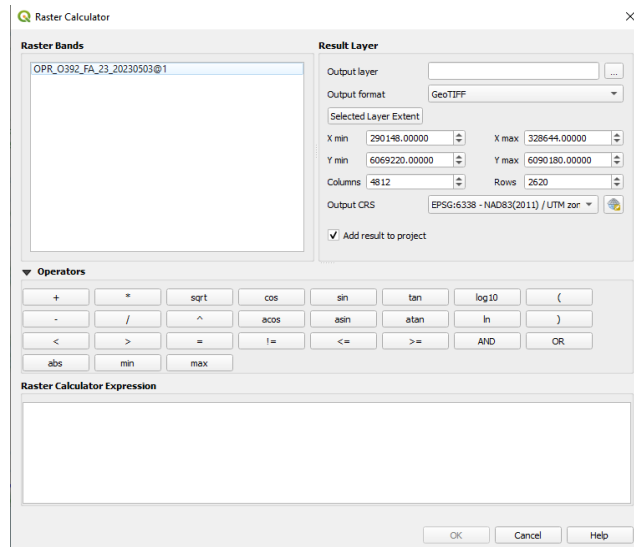


4. **Open QGIS** and Drag the **Tiff Data** from Browser to the viewer window to add raster.

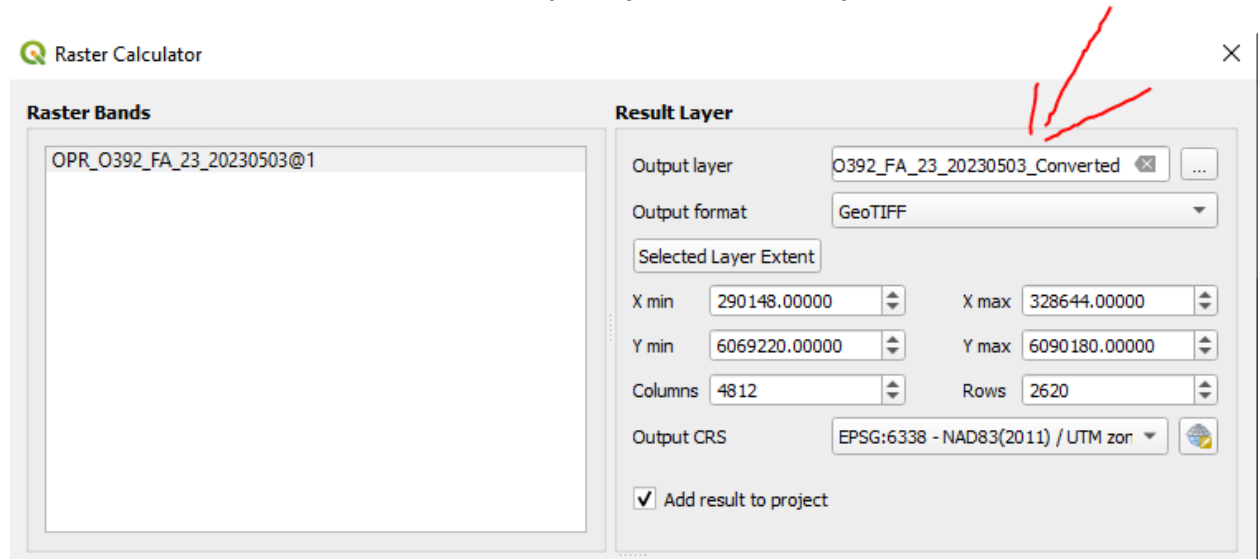


5. If the depth values are in negative, multiply the raster with -1 in order to convert the depth values to positive.

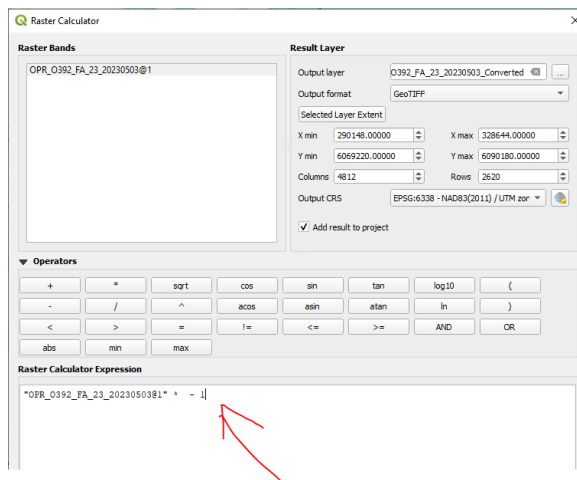
Raster → **Raster Calculator**, the following window opened



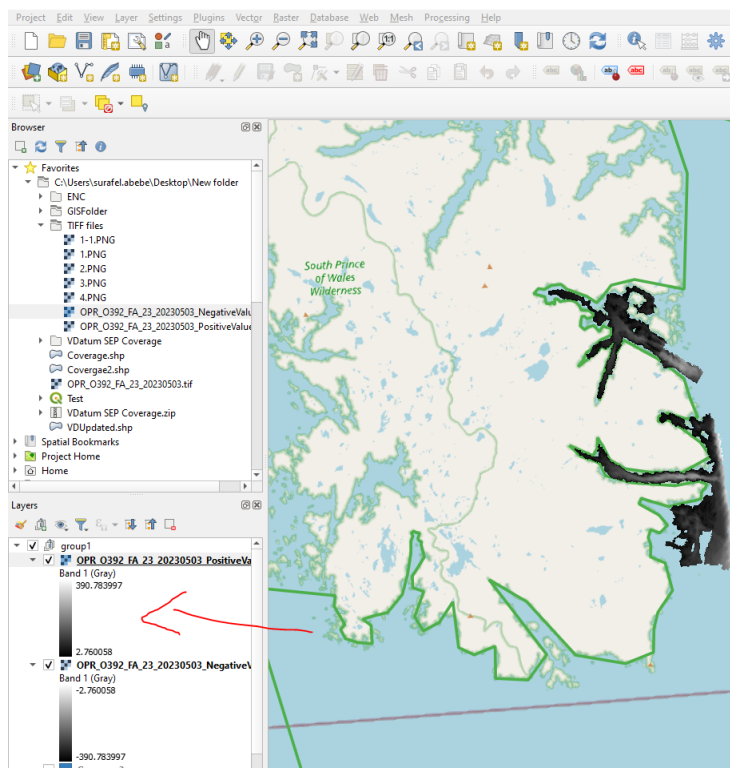
Select the folder to save the result at the **Output Layer** from **Result layer**



Double Click the raster files from **Raster bands** window to pull the raster files to the **Raster calculation Expression** window and write the calculation expression, such as click * sign for multiplication, and -1 (to convert negative value to positive value) and hit **OK**



Check the converted value in the **Layer** window



6. Make sure the raster files look good and send the TIFF/GeoTIFF files for weekly report. If you want to export the raster in different file format, follow the following steps
Write click on the file and select **Export**, then the following window open to select file format and select file name and folder to save it.

Save Raster Layer as... ✕

Output mode: ☒ Raw data ☐ Rendered image

Format: GeoTIFF ☐ Create VRT

File name: ...

Layer name:

CRS: EPSG:6338 - NAD83(2011) / UTM zone 9N 🌐

▶ **Extent (current: layer)**

▶ **Resolution (current: layer)**

▶ ☐ **Create Options**

▼ ☐ **Pyramids**

Resolutions:

Overview format: External (GTiff .ovr)

Resampling method: Average

Levels: ☐ 2 ☐ 4 ☐ 8 ☐ 16 ☐ 32 ☐ 64

☐ Custom levels:

Create Options

Profile: Default

▼ ☐ **No data values**

From To

☒ Add saved file to map OK Cancel Help