Version 7

Bathymetry TIFF, Lake Victoria Bathymetry, raster, 2018

Reference Information and Units:
Projected Coordinate System: Africa Lambert Conformal Conic
ESRI:102024 (https://epsg.io/102024)
Geographic Datum: D_WGS_1984
Pixel Size: 100 meters
Units: Meters

File Naming Convention:

LV_Bathy_V7.tif

Data Origin:
The point data was obtained from an Admiral Bathymetry map and points collected in the field. In addition, we used points from other maps and acoustic sounding data. The final input point total is approximately 4,087,217. Of the total 4,087,217 points, 120,000 of them are clustered around three specific bays. Roughly, 3.8 million points come from the survey conducted by Lake Victoria Regional Hydro-acoustics Working Group and are along the boats path around the lake. Although updates are still occurring this product is no longer Beta in v3. More information regarding depth points can be found in the metadata of LV_Bathymetry_Points_V7.

Data Development:
This TIFF was created from running an Ordinary Kriging on points that were obtained from taking digitized points from an Admiral Bathymetry map and points collected in the field as well as from other maps. These points were combined into the same file and had their depths converted to the same unit (meters). All points that were outside of the Lake Victoria shoreline polygon were removed. The points that were marked as greater than the recorded depth were removed. See the point file for more point metadata. A cross-validation point dataset is provided in point format as well as various rendering files and the kriging settings file.

Additional Information:
Full information can be found at: http://bit.ly/LV_Bathy