

Tessa Vu

GEOG 4140-001

Dr. Wan

08 April 2021

Lab 10 Deliverable 6b

According to your image from step 6, was the Ripple or Ripple_Rand feature class more affected by only using a subset of the points? Why might this be?

The ripple random feature class was more affected from observing the dark spots on the raster calculator difference compared to the ripple feature class. The first thing that could affect this is the amount of data points that exist—the ripple random feature class has far more points compared to the ripple class. There is also the fact that the ripple feature was created to simulate a pattern as opposed to the ripple random feature class that was created to simulate a more random variation.