

1.2 Report on Intensity Values (Tiled Data)

The USGS LiDAR Base Specification Version 1.0 requires: "Intensity values are required for each return. The values are to be recorded in the .las files in their native radiometric resolution."

The purpose of this section is to report on the presence and quantities of LiDAR intensity in the LAS tiled data. It is important to understand that 8-bit intensity LiDAR systems have a valid intensity range from 0-255, and 12-bit intensity LiDAR systems have a valid intensity range from 0-4095.

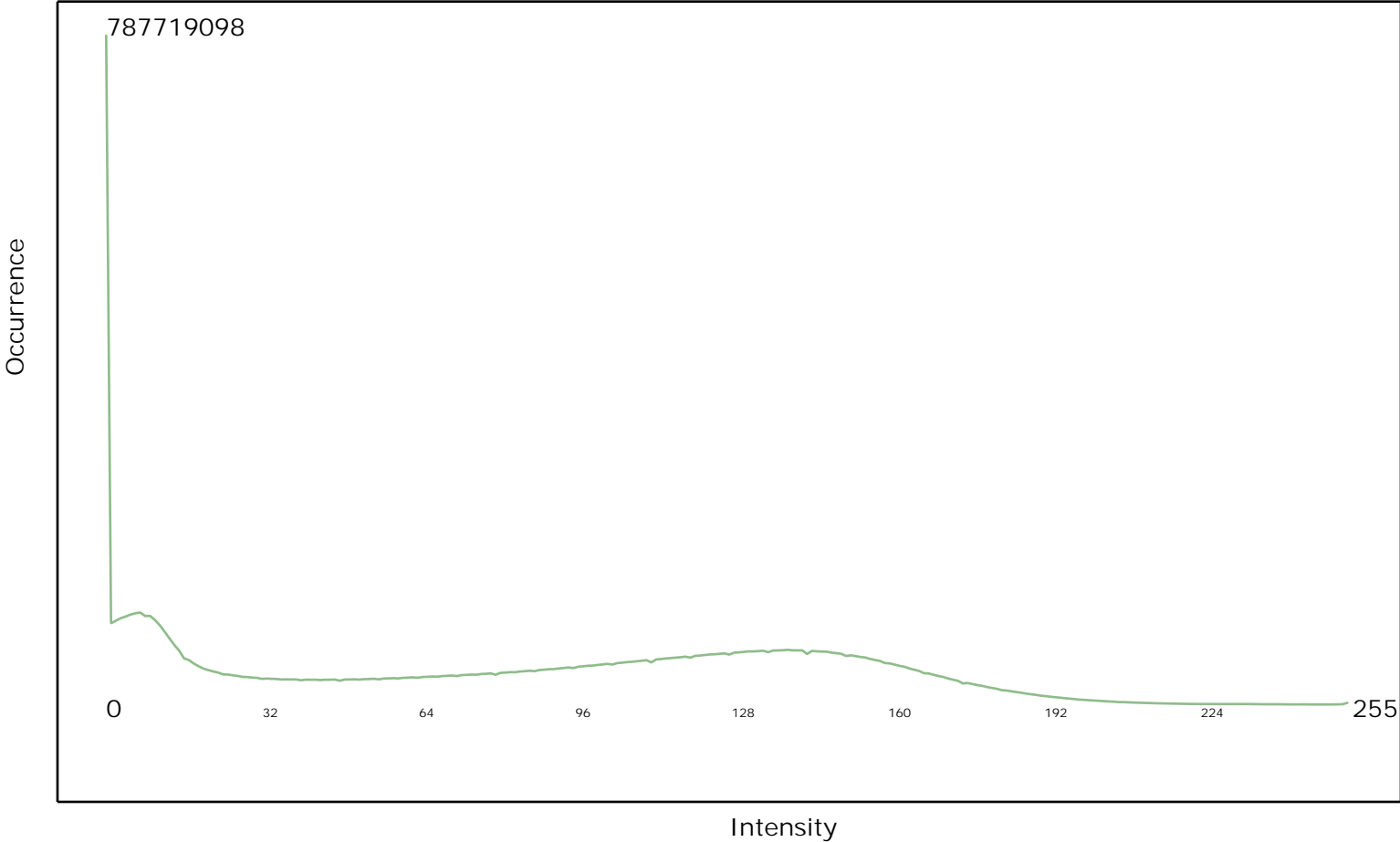
[Classified Files - E:\Pope_Hardin\Classified_LAS](#)

File	Minimum	Maximum	Mean	Median	Mode
Average	00	255	84	92	00

1.2 Report on Intensity Values (Tiled Data)

The purpose of this section is to show a frequency distribution chart of intensities throughout all of the LiDAR tiled files. It is important to understand that 8-bit intensity LiDAR systems have a valid intensity range from 0-255, and 12-bit intensity LiDAR systems have a valid intensity range from 0-4095.

[Data Source - E:\Pope_Hardin\Classified_LAS](#)



1.2 Report on Intensity Values (Tiled Data)

The purpose of this section is to show a graphic of LiDAR tiled data points colored by intensity. Blank tiles can indicate a processing problem dealing with LiDAR intensity attribute information.

[Data Source - E:\Pope_Hardin\Classified_LAS](#)

[Result Path - E:\Pope_Hardin\QAQC2\1_2\ColorByIntensity_Classified.jpg](#)

