

NORTH CAROLINA GEODETIC SURVEY

Claude T Bowers Building
4105 Reedy Creek Road
Raleigh, North Carolina 27607
(919)733-3836



Project Information

Prepared By: Watson Ross
Project Name: 2016 LiDAR Phase 4 QC Prelim
Sensor Info: NA
Required Nominal Pulse Spacing: 0.7
Vendor Name: Unknown
Units: US Survey Feet
Percent of Extent Tolerance: Extents Not Checked
Date of Aquisition: Start: 4/24/2017 Finish: 4/24/2017

Metadata Information

Tile Index:

Filename: anson_tiles.shp

Number of Polys: 0

Intensity:

Tile Index Attribute: Not Specified

Data Filename: Not Specified

Number of Data Files Matching Attribute: Not Specified

DEM:

Tile Index Attribute: Not Specified

Data Filename: Not Specified

Number of Data Files Matching Attribute: Not Specified

LAS:

Tile Index Attribute: Tile_Name

Data Filename: anson

Number of Data Files Matching Attribute: 0 out of 2527



LiDAR Accuracy Assessment Summary

LC Type	# of Points	NVA	VVA	
LAS				
2B	30	0.640		
2H	40		0.791	
2L	24		0.533	
2M	23		0.855	
2U	67	0.564		
Total	184			

Units: US Survey Feet

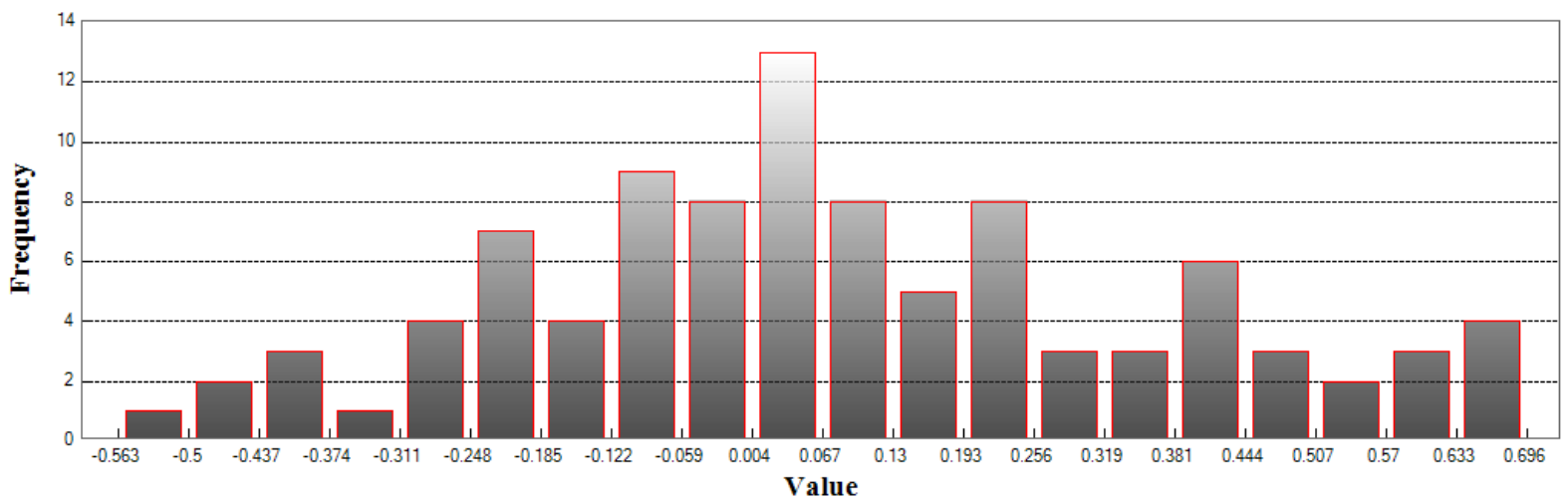


LAS

Nonvegetated Vertical Accuracy

LandCover Type: 2B, 2U
Minimum DZ: -0.562
Maximum DZ: 0.697
Mean DZ: 0.083
Mean Magnitude DZ: 0.482
Number Observations: 97
Standard Deviation DZ: 0.29
RMSE Z: 0.3
95% Confidence Level Z: 0.589
Units: US Survey Feet

Histogram



Min: -0.562
Max: 0.697
Number Of Bins: 20
Bin Interval: 0.063

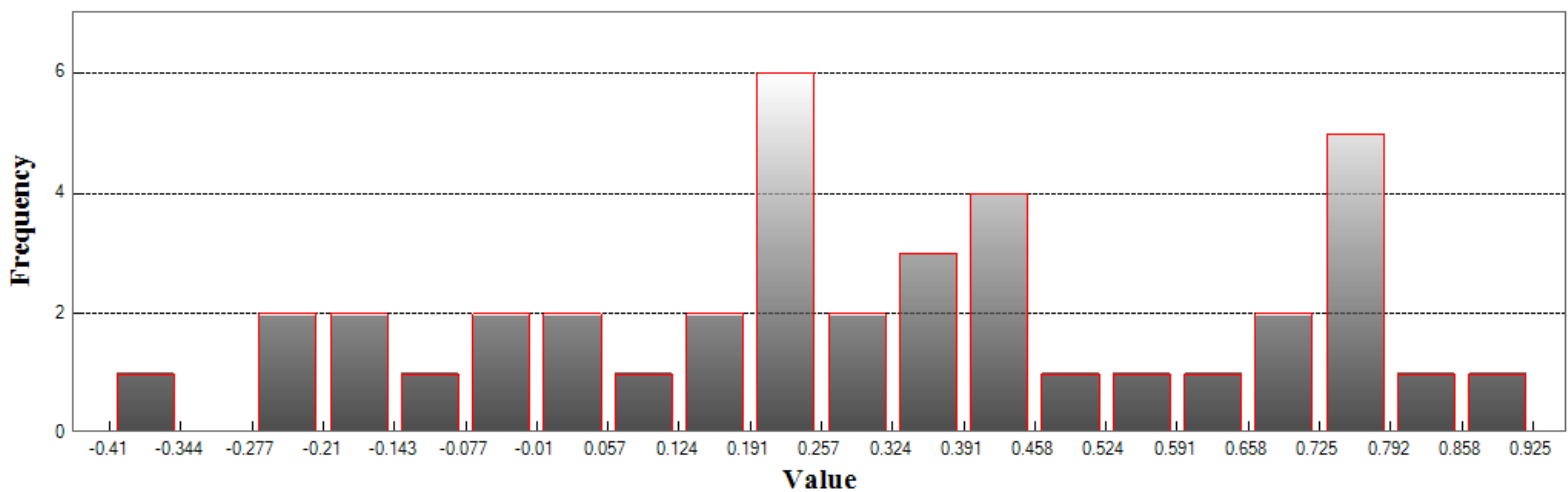


LAS (Continued)

Vegetated Vertical Accuracy

LandCover Type: 2H
Minimum DZ: -0.41
Maximum DZ: 0.925
Mean DZ: 0.305
Mean Magnitude DZ: 0.616
Number Observations: 40
Standard Deviation DZ: 0.344
RMSE Z: 0.457
95th Percentile: 0.791
Units: US Survey Feet

Histogram



Min: -0.41

Max: 0.925

Number Of Bins: 20

Bin Interval: 0.067

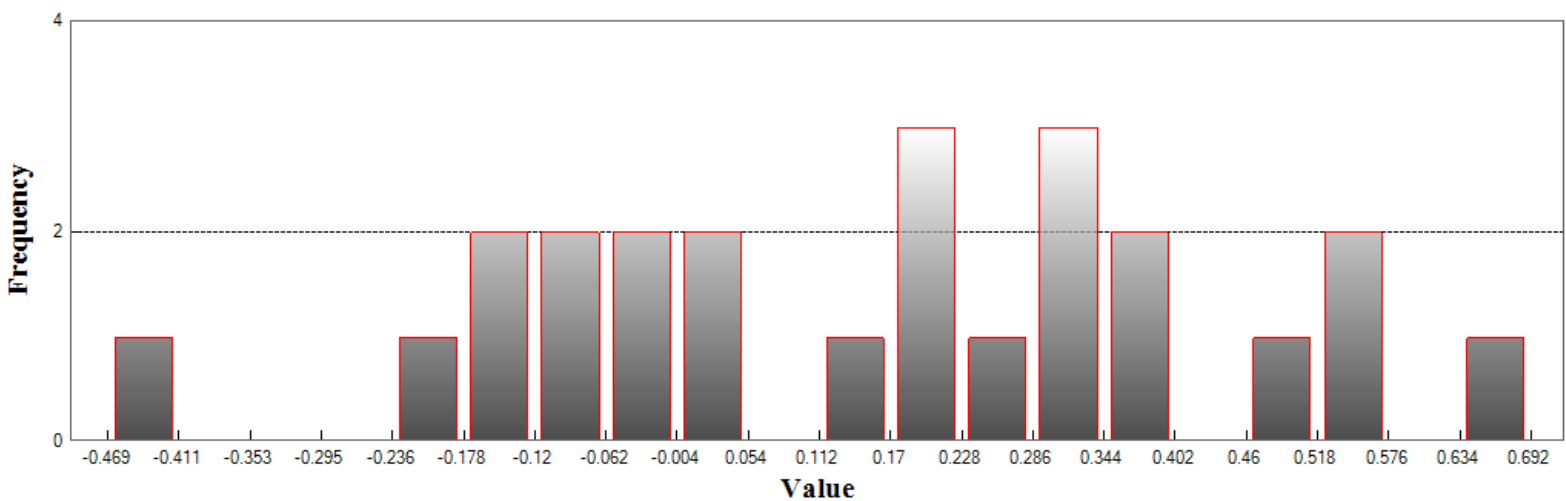


LAS (Continued)

Vegetated Vertical Accuracy

LandCover Type: 2L
Minimum DZ: -0.469
Maximum DZ: 0.692
Mean DZ: 0.156
Mean Magnitude DZ: 0.508
Number Observations: 24
Standard Deviation DZ: 0.282
RMSE Z: 0.317
95th Percentile: 0.533
Units: US Survey Feet

Histogram



Min: -0.469

Max: 0.692

Number Of Bins: 20

Bin Interval: 0.058

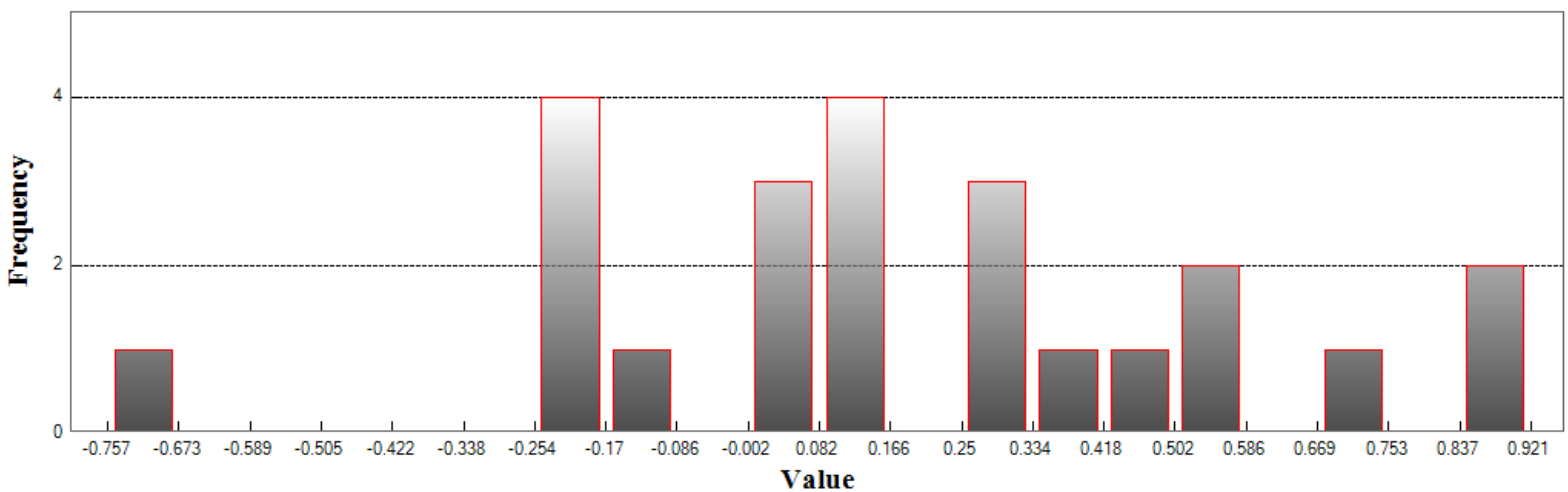


LAS (Continued)

Vegetated Vertical Accuracy

LandCover Type: 2M
Minimum DZ: -0.757
Maximum DZ: 0.921
Mean DZ: 0.174
Mean Magnitude DZ: 0.568
Number Observations: 23
Standard Deviation DZ: 0.386
RMSE Z: 0.416
95th Percentile: 0.855
Units: US Survey Feet

Histogram



Min: -0.757

Max: 0.921

Number Of Bins: 20

Bin Interval: 0.084