

NORTH CAROLINA GEODETIC SURVEY

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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: Tile_Name

Data Filename: 20_FT

Number of Data Files Matching Attribute: 2527 out of 2527

LAS:

Tile Index Attribute:

Data Filename:

Number of Data Files Matching Attribute: 0 out of 0



LiDAR Accuracy Assessment Summary

LC Type	# of Points	NVA	VVA	
DEM				
2B	30	0.715		
2H	40		0.813	
2L	24		0.825	
2M	23		1.017	
2U	67	0.700		
Total	184			

Units: US Survey Feet



DEM

Nonvegetated Vertical Accuracy

LandCover Type: 2B, 2U

Minimum DZ: -0.702

Maximum DZ: 0.859

Mean DZ: 0.132

Mean Magnitude DZ: 0.537

Number Observations: 97

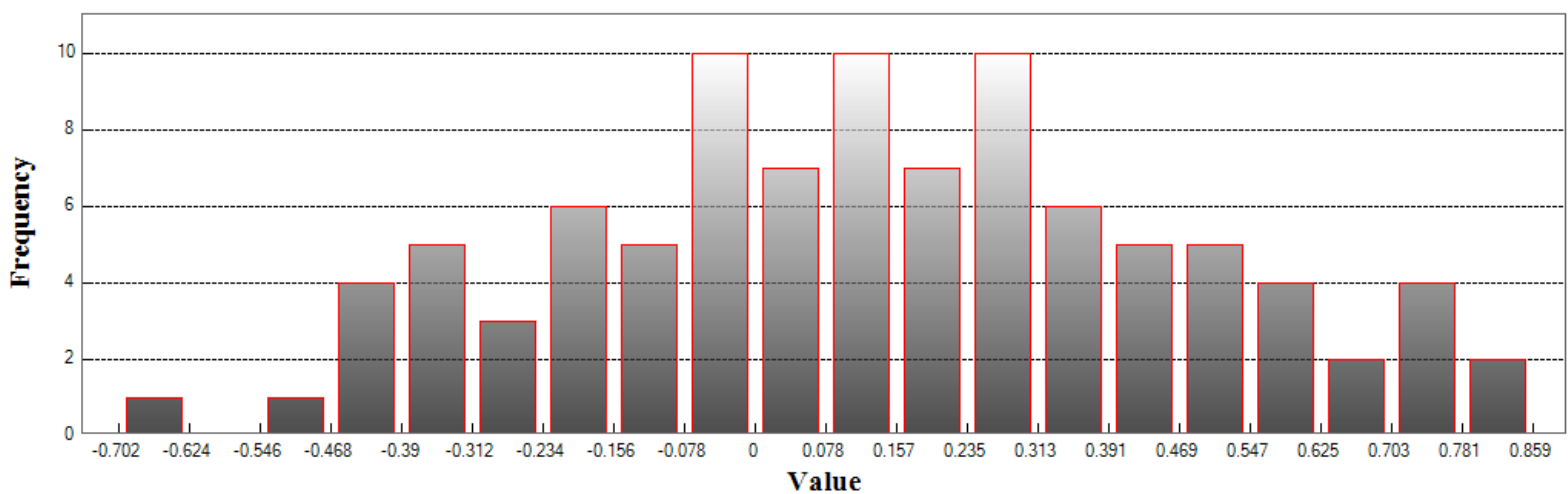
Standard Deviation DZ: 0.336

RMSE Z: 0.359

95% Confidence Level Z: 0.704

Units: US Survey Feet

Histogram



Min: -0.702

Max: 0.859

Number Of Bins: 20

Bin Interval: 0.078

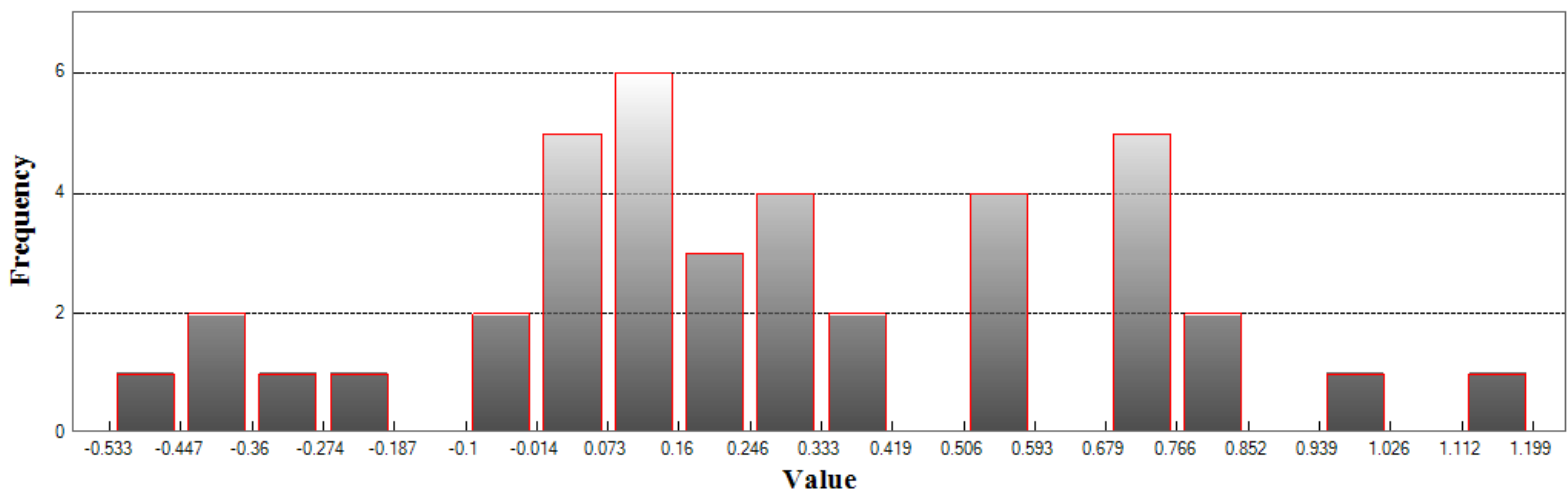


DEM (Continued)

Vegetated Vertical Accuracy

LandCover Type: 2H
Minimum DZ: -0.533
Maximum DZ: 1.199
Mean DZ: 0.268
Mean Magnitude DZ: 0.609
Number Observations: 40
Standard Deviation DZ: 0.396
RMSE Z: 0.474
95th Percentile: 0.813
Units: US Survey Feet

Histogram



Min: -0.533

Max: 1.199

Number Of Bins: 20

Bin Interval: 0.087

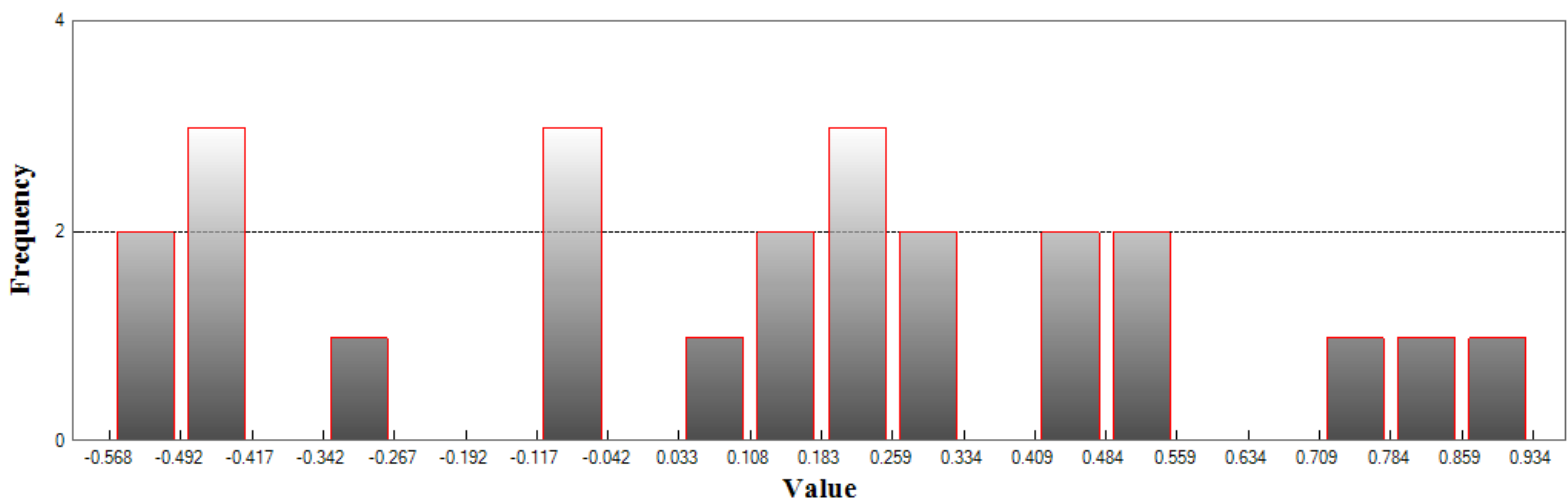


DEM (Continued)

Vegetated Vertical Accuracy

LandCover Type: 2L
Minimum DZ: -0.568
Maximum DZ: 0.934
Mean DZ: 0.129
Mean Magnitude DZ: 0.611
Number Observations: 24
Standard Deviation DZ: 0.435
RMSE Z: 0.445
95th Percentile: 0.825
Units: US Survey Feet

Histogram



Min: -0.568

Max: 0.934

Number Of Bins: 20

Bin Interval: 0.075

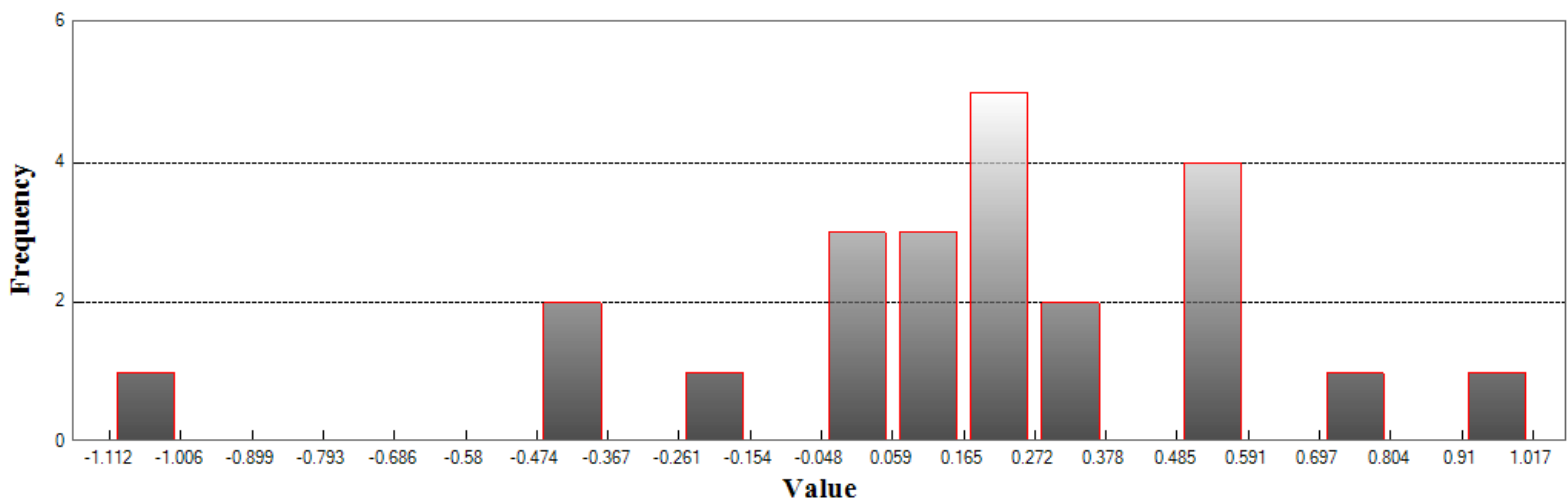


DEM (Continued)

Vegetated Vertical Accuracy

LandCover Type: 2M
Minimum DZ: -1.112
Maximum DZ: 1.017
Mean DZ: 0.166
Mean Magnitude DZ: 0.596
Number Observations: 23
Standard Deviation DZ: 0.434
RMSE Z: 0.456
95th Percentile: 1.017
Units: US Survey Feet

Histogram



Min: -1.112

Max: 1.017

Number Of Bins: 20

Bin Interval: 0.106