
Project Information

Prepared By: Mitchell Fyock
Project Name: City of Casper DEM, Cross Section 2
Sensor Info: Leica ALS70
Required Nominal Pulse Spacing: 0.77
Vendor Name: Sanborn Map Company Inc.
Units: US Survey Feet
Percent of Extent Tolerance: Extents Not Checked
Date of Aquisition: Start: 5/31/2015 Finish: 6/8/2015

Metadata Information

Tile Index:

Path: Z:\01_GCP\01_City of Casper\2015\4219_Natrona County\03_Casper_City_3Inch\03_Data_Repository

Number of Polys: 490

Intensity:

Tile Index Attribute: Name

Path to Data: Not Specified

DEM:

Tile Index Attribute: Name

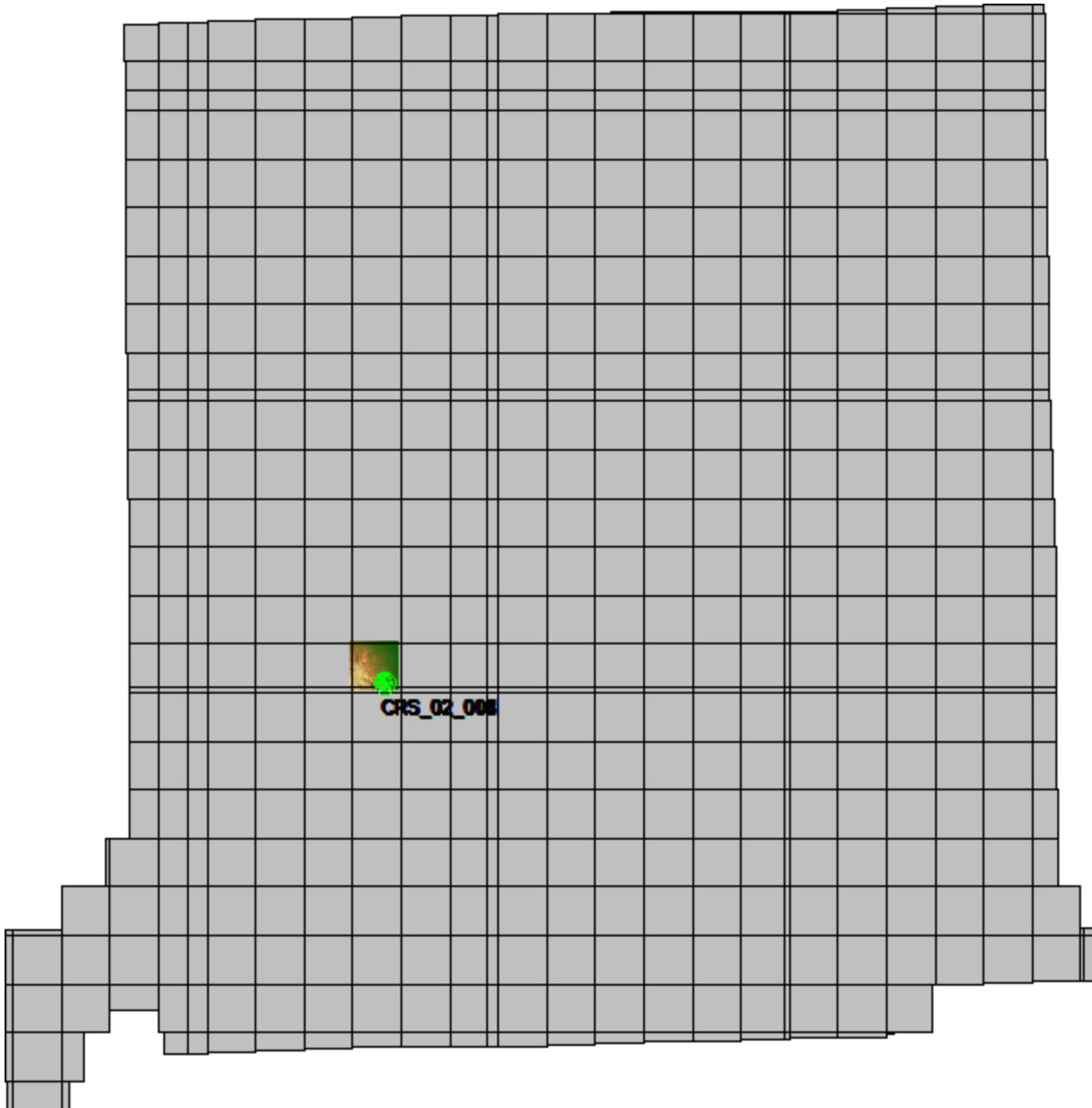
Path to Data: Z:\01_GCP\01_City of Casper\2015\4219_Natrona County\03_Casper_City_3Inch\03_Data_Repository

LAS:

Tile Index Attribute:

Path to Data:

Tiled-Data Area



LiDAR Accuracy Assessment Summary

LC Type	# of Points	FVA	SVA	CVA
DEM				
ALL	12	1.146	1.014	1.014
	12	1.146	1.014	1.014
Total	12			

Units: US Survey Feet

Coordinates and Offsets of Analyzed Locations

	ID						
		Survey X	Survey Y	Z1	Z DEM	Z LAS	
				LC Type	ΔZ DEM	ΔZ LAS	
1)	<input checked="" type="checkbox"/>	CRS_02_001					
		1563234.501	1185997.545	5283.097	5283.489	NaN	
					0.392	NaN	
2)	<input checked="" type="checkbox"/>	CRS_02_002					
		1563227.347	1186011.277	5282.447	5282.214	NaN	
					-0.233	NaN	
3)	<input checked="" type="checkbox"/>	CRS_02_003					
		1563184.081	1186080.481	5261.535	5261.616	NaN	
					0.081	NaN	
4)	<input checked="" type="checkbox"/>	CRS_02_004					
		1563171.481	1186095.853	5259.342	5259.992	NaN	
					0.65	NaN	
5)	<input checked="" type="checkbox"/>	CRS_02_005					
		1563162.018	1186112.446	5261.272	5261.423	NaN	
					0.151	NaN	
6)	<input checked="" type="checkbox"/>	CRS_02_006					
		1563154.186	1186125.101	5260.761	5261.104	NaN	
					0.343	NaN	
7)	<input checked="" type="checkbox"/>	CRS_02_007					
		1563142.423	1186144.468	5263.548	5264.171	NaN	
					0.623	NaN	

Coordinates and Offsets of Analyzed Locations (Continued)

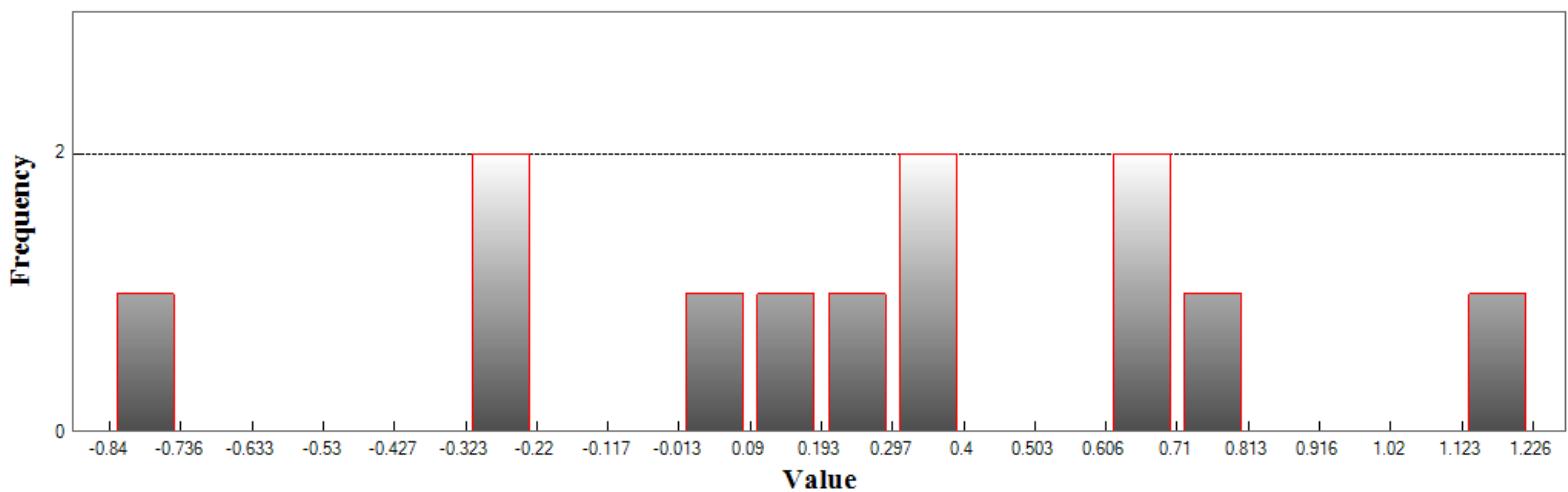
	ID						
		Survey X	Survey Y	Z1	Z DEM	Z LAS	
				LC Type	ΔZ DEM	ΔZ LAS	
8)	<input checked="" type="checkbox"/>	CRS_02_008					
		1563123.651	1186179.067	5271.769	5272.541	NaN	
					0.772	NaN	
9)	<input checked="" type="checkbox"/>	CRS_02_009					
		1563101.702	1186222.944	5286.629	5287.855	NaN	
					1.226	NaN	
10)	<input checked="" type="checkbox"/>	CRS_02_010					
		1563083.315	1186256.16	5293.433	5293.697	NaN	
					0.264	NaN	
11)	<input checked="" type="checkbox"/>	CRS_02_011					
		1563072.565	1186279.388	5291.545	5291.301	NaN	
					-0.244	NaN	
12)	<input checked="" type="checkbox"/>	CRS_02_012					
		1563051.088	1186320.936	5277.388	5276.548	NaN	
					-0.84	NaN	

DEM

Fundamental Vertical Accuracy

LandCover Type: ALL,
Minimum DZ: -0.84
Maximum DZ: 1.226
Mean DZ: 0.265
Mean Magnitude DZ: 0.696
Number Observations: 12
Standard Deviation DZ: 0.544
RMSE Z: 0.585
95% Confidence Level Z: 1.146
Units: US Survey Feet

Histogram



Min: -0.84

Max: 1.226

Number Of Bins: 20

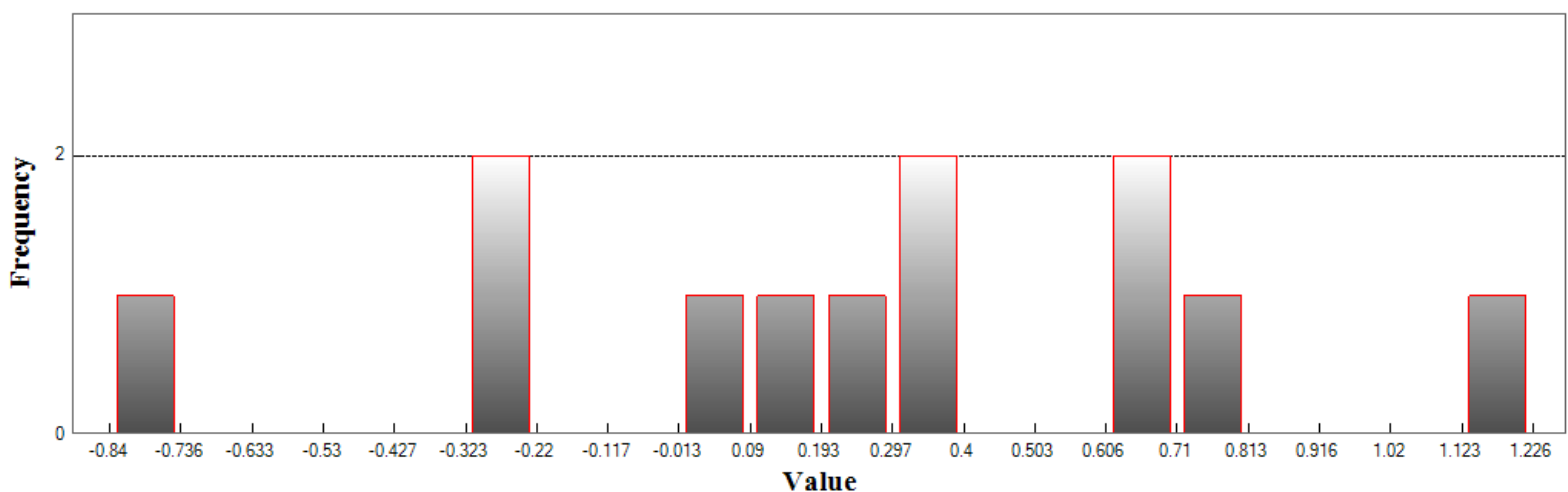
Bin Interval: 0.103

DEM (Continued)

Supplemental Vertical Accuracy

LandCover Type: ALL
Minimum DZ: -0.84
Maximum DZ: 1.226
Mean DZ: 0.265
Mean Magnitude DZ: 0.696
Number Observations: 12
Standard Deviation DZ: 0.544
RMSE Z: 0.585
95th Percentile: 1.014
Units: US Survey Feet

Histogram



Min: -0.84

Max: 1.226

Number Of Bins: 20

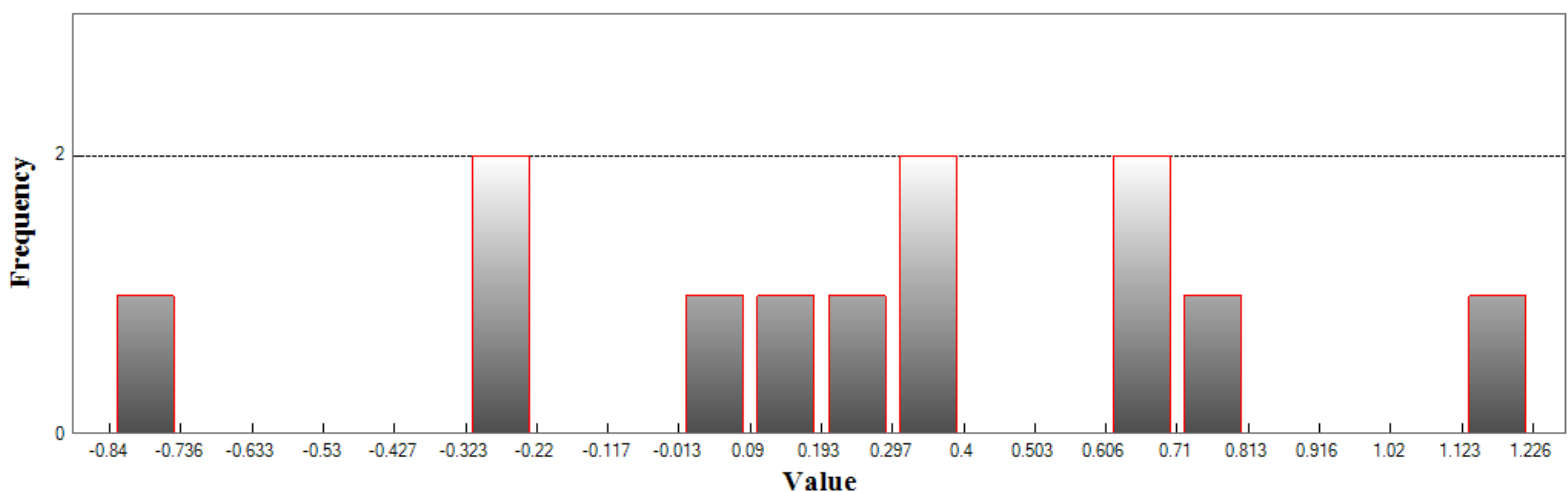
Bin Interval: 0.103

DEM (Continued)

Supplemental Vertical Accuracy

LandCover Type:
Minimum DZ: -0.84
Maximum DZ: 1.226
Mean DZ: 0.265
Mean Magnitude DZ: 0.696
Number Observations: 12
Standard Deviation DZ: 0.544
RMSE Z: 0.585
95th Percentile: 1.014
Units: US Survey Feet

Histogram



Min: -0.84

Max: 1.226

Number Of Bins: 20

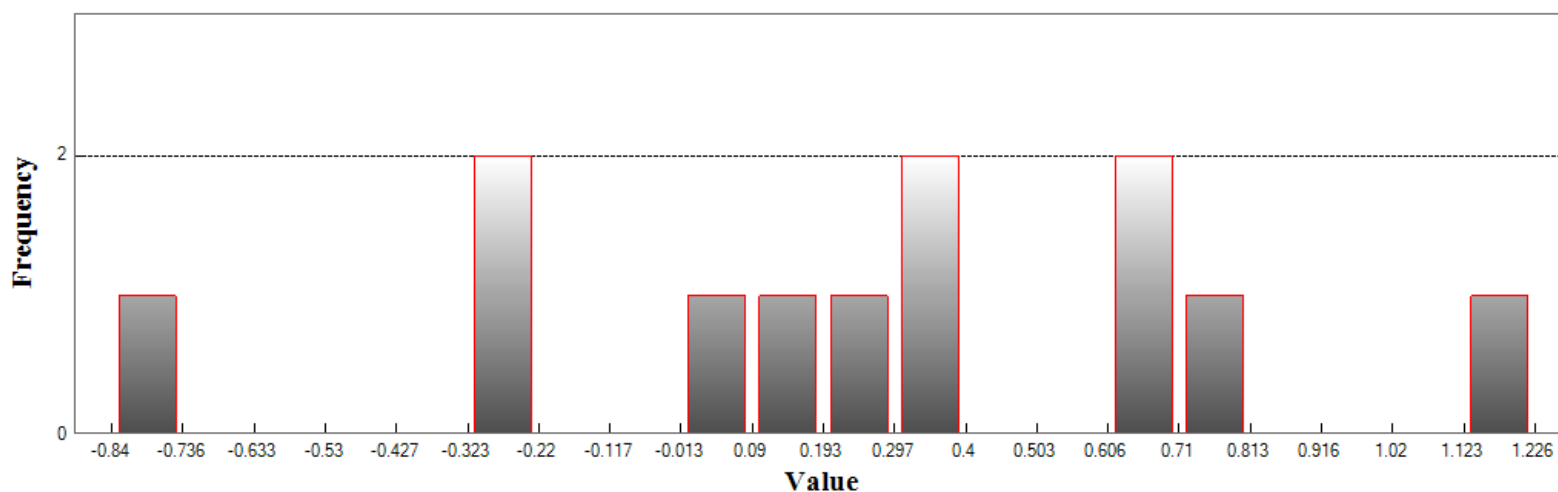
Bin Interval: 0.103

DEM (Continued)

Consolidated Vertical Accuracy

LandCover Type: ALL,
Minimum DZ: -0.84
Maximum DZ: 1.226
Mean DZ: 0.265
Mean Magnitude DZ: 0.696
Number Observations: 12
Standard Deviation DZ: 0.544
RMSE Z: 0.585
95th Percentile: 1.014
Units: US Survey Feet

Histogram



Min: -0.84

Max: 1.226

Number Of Bins: 20

Bin Interval: 0.103