



CompassData, Inc.  
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## Project Information

Prepared By: Kenneth L. Coffey  
Project Name: NRCS-Christian County ILL  
Sensor Info: Leica ALS70 & ALS60  
Required Nominal Pulse Spacing: 0.5  
Vendor Name: Digital Aerial Solutions, LLC  
Units: US Survey Feet  
Percent of Extent Tolerance: Extents Not Checked  
Date of Aquisition: Start: 1/26/2015 Finish: 2/13/2015

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## Metadata Information

### Tile Index:

Path: Z:\Accuracy\_Reports\LiDAR\_Illinois\Index\NRCS\_Christian\_County\_IL\_TileIndex\_Buffer.shp

Number of Polys: 0

### Intensity:

Tile Index Attribute: Not Specified

Path to Data: Not Specified

### DEM:

Tile Index Attribute: USNG

Path to Data: Z:\Accuracy\_Reports\LiDAR\_Illinois\DEM

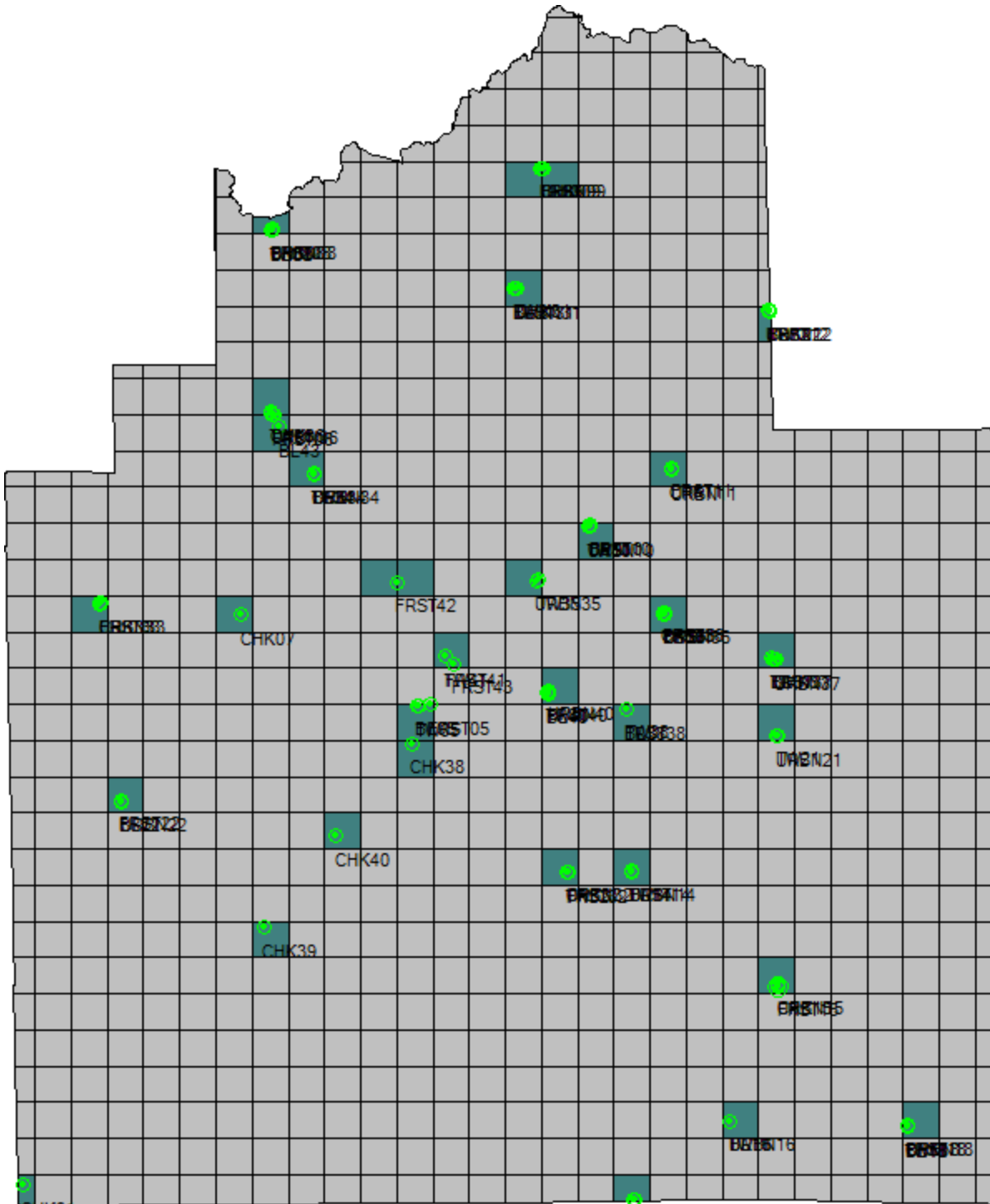
### LAS:

Tile Index Attribute: USNG

Path to Data: Z:\Accuracy\_Reports\LiDAR\_Illinois\LAS



## Tiled-Data Area





## LiDAR Accuracy Assessment Summary

LC Type	# of Points	FVA	SVA	CVA
LAS				
ALL	96			7.214
Brush Land	16		4.350	
Bare Earth	20	0.522		
Forested_Fully Grown	21		24.152	
Tall Weed	18		1.349	
Urban	21		0.621	
Total	96			
DEM				
ALL	96			0.690
Brush Land	16		0.685	
Bare Earth	20	0.504		
Forested_Fully Grown	21		0.819	
Tall Weed	18		0.686	
Urban	21		0.653	
Total	96			

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"/>	BL05					
		2534235.721	1049995.12	608.668	609.259	610.731	
				Brush Land	0.591	2.063	
2)	<input checked="" type="checkbox"/>	BL08					
		2513110.39	1119355.214	579.132	579.415	582.155	
				Brush Land	0.283	3.023	
3)	<input checked="" type="checkbox"/>	BL09					
		2552577.838	1128464.418	610.544	610.62	613.654	
				Brush Land	0.076	3.11	
4)	<input checked="" type="checkbox"/>	BL10					
		2559588.049	1076285.569	618.139	618.428	618.779	
				Brush Land	0.289	0.64	
5)	<input checked="" type="checkbox"/>	BL12					
		2585646.585	1107573.754	617.598	617.587	618.844	
				Brush Land	-0.011	1.246	
6)	<input checked="" type="checkbox"/>	BL14					
		2565509.53	1025824.361	599.191	598.225	598.362	
				Brush Land	-0.966	-0.829	
7)	<input checked="" type="checkbox"/>	BL16					
		2579941.967	989350.157	714.195	714.581	714.891	
				Brush Land	0.386	0.696	



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"/>	BL18				
		2605790.26	988497.015	682.587	682.509	686.321
				Brush Land	-0.078	3.734
9)	<input checked="" type="checkbox"/>	BL22				
		2491060.473	1036125.465	620.781	620.215	626.98
				Brush Land	-0.566	6.199
10)	<input checked="" type="checkbox"/>	BL31				
		2548498.481	1110821.893	584.972	585.237	585.119
				Brush Land	0.265	0.147
11)	<input checked="" type="checkbox"/>	BL34				
		2519192.101	1083826.827	596.974	597.556	597.517
				Brush Land	0.582	0.543
12)	<input checked="" type="checkbox"/>	BL36				
		2570298.61	1063427.474	601.211	601.458	602.373
				Brush Land	0.247	1.162
13)	<input checked="" type="checkbox"/>	BL37				
		2586120.154	1056875.762	613.461	613.879	614.349
				Brush Land	0.418	0.888
14)	<input checked="" type="checkbox"/>	BL38				
		2564818.56	1049411.246	614.306	614.551	614.98
				Brush Land	0.245	0.674



Coordinates and Offsets of Analyzed Locations (Continued)

		<b>ID</b>				
		<b>Survey X</b>	<b>Survey Y</b>	<b>Z1</b>	<b>Z DEM</b>	<b>Z LAS</b>
				<b>LC Type</b>	<b>ΔZ DEM</b>	<b>ΔZ LAS</b>
15)	<input checked="" type="checkbox"/>	<b>BL40</b>				
		2553422.933	1051789.549	570.681	571.119	571.083
				Brush Land	0.438	0.402
16)	<input checked="" type="checkbox"/>	<b>BL43</b>				
		2514160.676	1090668.321	574.805	574.978	574.91
				Brush Land	0.173	0.105
17)	<input checked="" type="checkbox"/>	<b>CHK01</b>				
		2476675.171	980048.489	635.574	635.539	635.518
				Bare Earth	-0.035	-0.056
18)	<input checked="" type="checkbox"/>	<b>CHK06</b>				
		2513013.725	1092759.848	597.86	598.105	598.113
				Bare Earth	0.245	0.253
19)	<input checked="" type="checkbox"/>	<b>CHK07</b>				
		2508585.628	1063225.64	597.136	597.192	597.196
				Bare Earth	0.056	0.06
20)	<input checked="" type="checkbox"/>	<b>CHK08</b>				
		2513111.589	1119413.117	581.058	581.582	581.538
				Bare Earth	0.524	0.48
21)	<input checked="" type="checkbox"/>	<b>CHK09</b>				
		2552628.017	1128411.168	609.149	609.079	609.275
				Bare Earth	-0.07	0.126



Coordinates and Offsets of Analyzed Locations (Continued)

	ID						
		Survey X	Survey Y	Z1	Z DEM	Z LAS	
				LC Type	ΔZ DEM	ΔZ LAS	
22)	<input checked="" type="checkbox"/>	CHK10					
		2559394.797	1076275.624	618.298	618.488	618.503	
				Bare Earth	0.19	0.205	
23)	<input checked="" type="checkbox"/>	CHK11					
		2571406.19	1084619.512	610.897	610.944	611.11	
				Bare Earth	0.047	0.213	
24)	<input checked="" type="checkbox"/>	CHK12					
		2585690.529	1107590.839	616.345	616.159	616.245	
				Bare Earth	-0.186	-0.1	
25)	<input checked="" type="checkbox"/>	CHK15					
		2587013.945	1009389.15	664.474	664.913	664.866	
				Bare Earth	0.439	0.392	
26)	<input checked="" type="checkbox"/>	CHK17					
		2566106.303	977992.949	687.767	688.014	687.97	
				Bare Earth	0.247	0.203	
27)	<input checked="" type="checkbox"/>	CHK18					
		2605848.153	988734.938	683.059	682.964	682.964	
				Bare Earth	-0.095	-0.095	
28)	<input checked="" type="checkbox"/>	CHK31					
		2548847.09	1110917.486	598.973	598.806	598.902	
				Bare Earth	-0.167	-0.071	



Coordinates and Offsets of Analyzed Locations (Continued)

	ID						
		Survey X	Survey Y	Z1	Z DEM	Z LAS	
				LC Type	ΔZ DEM	ΔZ LAS	
29)	<input checked="" type="checkbox"/>	CHK32					
		2556293.007	1025751.377	603.936	603.907	603.965	
				Bare Earth	-0.029	0.029	
30)	<input checked="" type="checkbox"/>	CHK33					
		2488038.133	1064934.893	599.49	599.641	599.618	
				Bare Earth	0.151	0.128	
31)	<input checked="" type="checkbox"/>	CHK34					
		2519228.995	1083872.327	598.199	598.299	598.288	
				Bare Earth	0.1	0.089	
32)	<input checked="" type="checkbox"/>	CHK36					
		2570178.295	1063622.092	606.396	606.352	606.432	
				Bare Earth	-0.044	0.036	
33)	<input checked="" type="checkbox"/>	CHK37					
		2586570.359	1056880.76	613.112	613.066	613.296	
				Bare Earth	-0.046	0.184	
34)	<input checked="" type="checkbox"/>	CHK38					
		2533460.092	1044490.75	614.309	614.969	615.096	
				Bare Earth	0.66	0.787	
35)	<input checked="" type="checkbox"/>	CHK39					
		2511950.986	1017658.327	621.991	622.341	622.217	
				Bare Earth	0.35	0.226	





Coordinates and Offsets of Analyzed Locations (Continued)

	ID						
		Survey X	Survey Y	Z1	Z DEM	Z LAS	
				LC Type	ΔZ DEM	ΔZ LAS	
36)	<input checked="" type="checkbox"/>	CHK40					
		2522485.081	1030996.103	618.333	618.469	618.587	
				Bare Earth	0.136	0.254	
37)	<input checked="" type="checkbox"/>	FRST05					
		2536183.857	1050167.16	610.448	609.868	609.881	
				Forested_Fully Grown	-0.58	-0.567	
38)	<input checked="" type="checkbox"/>	FRST06					
		2513325.73	1092359.721	596.181	596.495	606.441	
				Forested_Fully Grown	0.314	10.26	
39)	<input checked="" type="checkbox"/>	FRST08					
		2513045.28	1119488.135	584.624	585.001	589.022	
				Forested_Fully Grown	0.377	4.398	
40)	<input checked="" type="checkbox"/>	FRST09					
		2552447.031	1128367.73	610.857	610.759	614.985	
				Forested_Fully Grown	-0.098	4.128	
41)	<input checked="" type="checkbox"/>	FRST10					
		2559528.564	1076339.837	617.126	617.313	617.348	
				Forested_Fully Grown	0.187	0.222	
42)	<input checked="" type="checkbox"/>	FRST11					
		2571485.118	1084687.307	610.495	610.513	610.957	
				Forested_Fully Grown	0.018	0.462	



Coordinates and Offsets of Analyzed Locations (Continued)

	ID						
		Survey X	Survey Y	Z1	Z DEM	Z LAS	
				LC Type	ΔZ DEM	ΔZ LAS	
43)	<input checked="" type="checkbox"/>	FRST12					
		2585611.952	1107592.136	617.684	617.671	641.836	
				Forested_Fully Grown	-0.013	24.152	
44)	<input checked="" type="checkbox"/>	FRST14					
		2565518.233	1025863.945	600.395	599.576	599.629	
				Forested_Fully Grown	-0.819	-0.766	
45)	<input checked="" type="checkbox"/>	FRST15					
		2587042.11	1009090.861	663.741	664.643	702.409	
				Forested_Fully Grown	0.902	38.668	
46)	<input checked="" type="checkbox"/>	FRST18					
		2605778.114	988643.219	683.151	683.092	696.057	
				Forested_Fully Grown	-0.059	12.906	
47)	<input checked="" type="checkbox"/>	FRST22					
		2491081.005	1036260.741	620.62	620.851	620.804	
				Forested_Fully Grown	0.231	0.184	
48)	<input checked="" type="checkbox"/>	FRST31					
		2548457.678	1110815.751	584.671	584.92	588.013	
				Forested_Fully Grown	0.249	3.342	
49)	<input checked="" type="checkbox"/>	FRST32					
		2556198.721	1025641.664	611.369	611.34	611.368	
				Forested_Fully Grown	-0.029	-0.001	



Coordinates and Offsets of Analyzed Locations (Continued)

		<b>ID</b>				
		<b>Survey X</b>	<b>Survey Y</b>	<b>Z1</b>	<b>Z DEM</b>	<b>Z LAS</b>
				<b>LC Type</b>	<b>ΔZ DEM</b>	<b>ΔZ LAS</b>
50)	<input checked="" type="checkbox"/>	<b>FRST33</b>				
		2488070.467	1065031.055	601.065	601.263	601.212
				Forested_Fully Grown	0.198	0.147
51)	<input checked="" type="checkbox"/>	<b>FRST36</b>				
		2570335.017	1063604.896	605.589	605.807	625.539
				Forested_Fully Grown	0.218	19.95
52)	<input checked="" type="checkbox"/>	<b>FRST37</b>				
		2586059.586	1056931.253	613.02	613.188	618.733
				Forested_Fully Grown	0.168	5.713
53)	<input checked="" type="checkbox"/>	<b>FRST38</b>				
		2564760.413	1049465.358	615.045	614.692	614.751
				Forested_Fully Grown	-0.353	-0.294
54)	<input checked="" type="checkbox"/>	<b>FRST40</b>				
		2553324.428	1051991.1	576.132	576.55	576.571
				Forested_Fully Grown	0.418	0.439
55)	<input checked="" type="checkbox"/>	<b>FRST41</b>				
		2538473.342	1057157.967	609.034	609.299	609.297
				Forested_Fully Grown	0.265	0.263
56)	<input checked="" type="checkbox"/>	<b>FRST42</b>				
		2531311.826	1068060.913	605.159	605.449	611.243
				Forested_Fully Grown	0.29	6.084



Coordinates and Offsets of Analyzed Locations (Continued)

	ID						
		Survey X	Survey Y	Z1	Z DEM	Z LAS	
				LC Type	ΔZ DEM	ΔZ LAS	
57)	<input checked="" type="checkbox"/>	FRST43					
		2539525.141	1056156.012	612.218	612.437	616.112	
				Forested_Fully Grown	0.219	3.894	
58)	<input checked="" type="checkbox"/>	TW05					
		2534434.087	1049988.236	608.997	609.55	609.512	
				Tall Weed	0.553	0.515	
59)	<input checked="" type="checkbox"/>	TW06					
		2512973.857	1092862.091	596.346	596.97	597.004	
				Tall Weed	0.624	0.658	
60)	<input checked="" type="checkbox"/>	TW08					
		2513135.353	1119344.924	578.117	578.312	578.384	
				Tall Weed	0.195	0.267	
61)	<input checked="" type="checkbox"/>	TW10					
		2559425.046	1076153.726	618.015	618.402	618.398	
				Tall Weed	0.387	0.383	
62)	<input checked="" type="checkbox"/>	TW12					
		2585727.986	1107639.664	615.267	615.831	615.864	
				Tall Weed	0.564	0.597	
63)	<input checked="" type="checkbox"/>	TW14					
		2565526.881	1025893.817	600.536	601.215	601.243	
				Tall Weed	0.679	0.707	



Coordinates and Offsets of Analyzed Locations (Continued)

	ID						
		Survey X	Survey Y	Z1	Z DEM	Z LAS	
				LC Type	ΔZ DEM	ΔZ LAS	
64)	<input checked="" type="checkbox"/>	TW16					
		2579975.795	989366.971	713.841	714.011	714.699	
				Tall Weed	0.17	0.858	
65)	<input checked="" type="checkbox"/>	TW18					
		2605768.789	988551.559	683.154	682.951	687.285	
				Tall Weed	-0.203	4.131	
66)	<input checked="" type="checkbox"/>	TW21					
		2586940.101	1045702.501	607.438	607.594	608.264	
				Tall Weed	0.156	0.826	
67)	<input checked="" type="checkbox"/>	TW31					
		2548659.101	1110938.249	587.115	587.203	587.33	
				Tall Weed	0.088	0.215	
68)	<input checked="" type="checkbox"/>	TW32					
		2556354.112	1025715.693	598.379	598.652	598.747	
				Tall Weed	0.273	0.368	
69)	<input checked="" type="checkbox"/>	TW34					
		2519143.126	1083923.691	597.496	597.76	597.834	
				Tall Weed	0.264	0.338	
70)	<input checked="" type="checkbox"/>	TW35					
		2552037.476	1068381.371	615.416	615.896	615.896	
				Tall Weed	0.48	0.48	



Coordinates and Offsets of Analyzed Locations (Continued)

	ID						
		Survey X	Survey Y	Z1	Z DEM	Z LAS	
				LC Type	ΔZ DEM	ΔZ LAS	
71)	<input checked="" type="checkbox"/>	TW36					
		2570401.767	1063554.734	604.454	605.178	605.211	
				Tall Weed	0.724	0.757	
72)	<input checked="" type="checkbox"/>	TW37					
		2586163.365	1056878.233	613.912	614.497	614.564	
				Tall Weed	0.585	0.652	
73)	<input checked="" type="checkbox"/>	TW38					
		2564940.68	1049587.102	614.458	614.917	615.209	
				Tall Weed	0.459	0.751	
74)	<input checked="" type="checkbox"/>	TW40					
		2553393.135	1051972.163	575.596	576.059	576.175	
				Tall Weed	0.463	0.579	
75)	<input checked="" type="checkbox"/>	TW41					
		2538507.721	1057182.348	609.634	609.972	609.924	
				Tall Weed	0.338	0.29	
76)	<input checked="" type="checkbox"/>	URBN06					
		2513234.993	1092559.944	596.412	596.574	596.644	
				Urban	0.162	0.232	
77)	<input checked="" type="checkbox"/>	URBN08					
		2513068.804	1119613.712	587.993	588.306	588.309	
				Urban	0.313	0.316	



Coordinates and Offsets of Analyzed Locations (Continued)

	ID						
		Survey X	Survey Y	Z1	Z DEM	Z LAS	
				LC Type	ΔZ DEM	ΔZ LAS	
78)	<input checked="" type="checkbox"/>	URBN09					
		2552288.324	1128467.848	618.695	618.609	618.623	
				Urban	-0.086	-0.072	
79)	<input checked="" type="checkbox"/>	URBN10					
		2559381.411	1076150.853	618.402	618.692	618.667	
				Urban	0.29	0.265	
80)	<input checked="" type="checkbox"/>	URBN11					
		2571453.571	1084399.016	611.723	611.934	611.95	
				Urban	0.211	0.227	
81)	<input checked="" type="checkbox"/>	URBN12					
		2585439.764	1107704.031	616.253	616.251	616.337	
				Urban	-0.002	0.084	
82)	<input checked="" type="checkbox"/>	URBN14					
		2565573.603	1025954.31	608.731	608.369	608.37	
				Urban	-0.362	-0.361	
83)	<input checked="" type="checkbox"/>	URBN15					
		2587006.987	1009227.727	665.374	666.166	666.1	
				Urban	0.792	0.726	
84)	<input checked="" type="checkbox"/>	URBN16					
		2579918.941	989376.422	712.491	712.597	712.705	
				Urban	0.106	0.214	



Coordinates and Offsets of Analyzed Locations (Continued)

	ID						
		Survey X	Survey Y	Z1	Z DEM	Z LAS	
				LC Type	ΔZ DEM	ΔZ LAS	
85)	<input checked="" type="checkbox"/>	URBN17					
		2565943.306	977859.949	687.582	687.671	687.785	
				Urban	0.089	0.203	
86)	<input checked="" type="checkbox"/>	URBN18					
		2605939.815	988690.567	683.56	683.776	683.834	
				Urban	0.216	0.274	
87)	<input checked="" type="checkbox"/>	URBN21					
		2586759.171	1045535.727	611.709	611.949	611.927	
				Urban	0.24	0.218	
88)	<input checked="" type="checkbox"/>	URBN22					
		2491155.892	1035971.411	621.817	621.164	621.196	
				Urban	-0.653	-0.621	
89)	<input checked="" type="checkbox"/>	URBN31					
		2548750.69	1110850.91	594.009	593.888	593.906	
				Urban	-0.121	-0.103	
90)	<input checked="" type="checkbox"/>	URBN32					
		2556307.004	1025817.252	601.679	601.802	602.014	
				Urban	0.123	0.335	
91)	<input checked="" type="checkbox"/>	URBN33					
		2488007.019	1064805.995	600.44	600.458	600.47	
				Urban	0.018	0.03	





Coordinates and Offsets of Analyzed Locations (Continued)

	ID					
		Survey X	Survey Y	Z1	Z DEM	Z LAS
				LC Type	ΔZ DEM	ΔZ LAS
92)	<input checked="" type="checkbox"/>	URBN34				
		2519304.982	1083873.55	599.175	599.225	599.272
				Urban	0.05	0.097
93)	<input checked="" type="checkbox"/>	URBN35				
		2551652.652	1068275.605	614.607	614.899	614.89
				Urban	0.292	0.283
94)	<input checked="" type="checkbox"/>	URBN36				
		2570449.731	1063444.403	605.392	605.41	605.561
				Urban	0.018	0.169
95)	<input checked="" type="checkbox"/>	URBN37				
		2586586.666	1056701.204	612.748	612.899	612.891
				Urban	0.151	0.143
96)	<input checked="" type="checkbox"/>	URBN40				
		2553566.066	1052282.421	586.714	586.91	586.856
				Urban	0.196	0.142

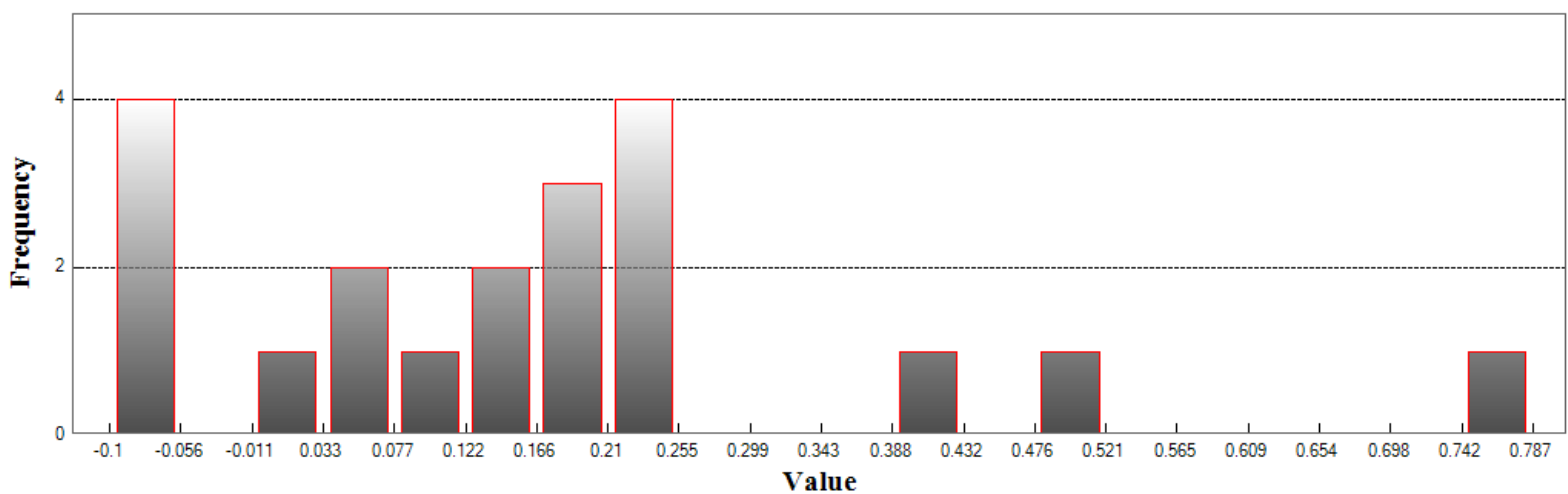


## LAS

### Fundamental Vertical Accuracy

LandCover Type: Bare Earth  
Minimum DZ: -0.1  
Maximum DZ: 0.787  
Mean DZ: 0.167  
Mean Magnitude DZ: 0.446  
Number Observations: 20  
Standard Deviation DZ: 0.213  
RMSE Z: 0.266  
95% Confidence Level Z: 0.522  
Units: US Survey Feet

## Histogram



Min: -0.1

Max: 0.787

Number Of Bins: 20

Bin Interval: 0.044



## LAS (Continued)

### Supplemental Vertical Accuracy

LandCover Type: Brush Land

Minimum DZ: -0.829

Maximum DZ: 6.199

Mean DZ: 1.488

Mean Magnitude DZ: 1.261

Number Observations: 16

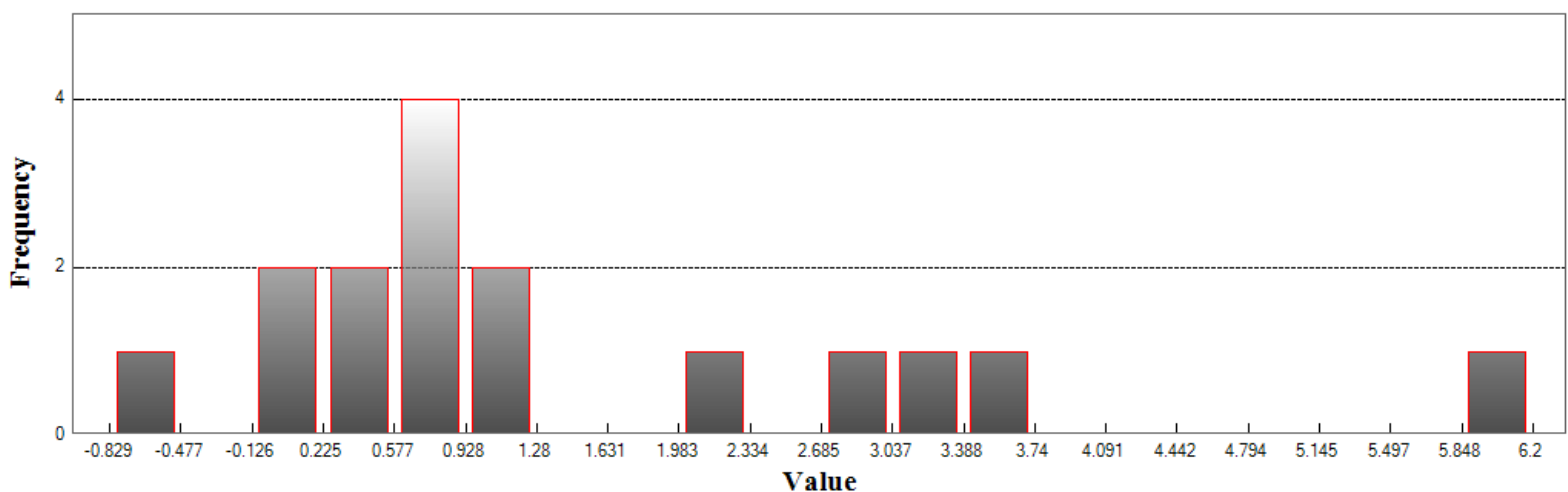
Standard Deviation DZ: 1.756

RMSE Z: 2.259

95th Percentile: 4.35

Units: US Survey Feet

## Histogram



Min: -0.829

Max: 6.199

Number Of Bins: 20

Bin Interval: 0.351



## LAS (Continued)

### Supplemental Vertical Accuracy

LandCover Type: Forested\_Fully Grown

Minimum DZ: -0.766

Maximum DZ: 38.668

Mean DZ: 6.361

Mean Magnitude DZ: 2.553

Number Observations: 21

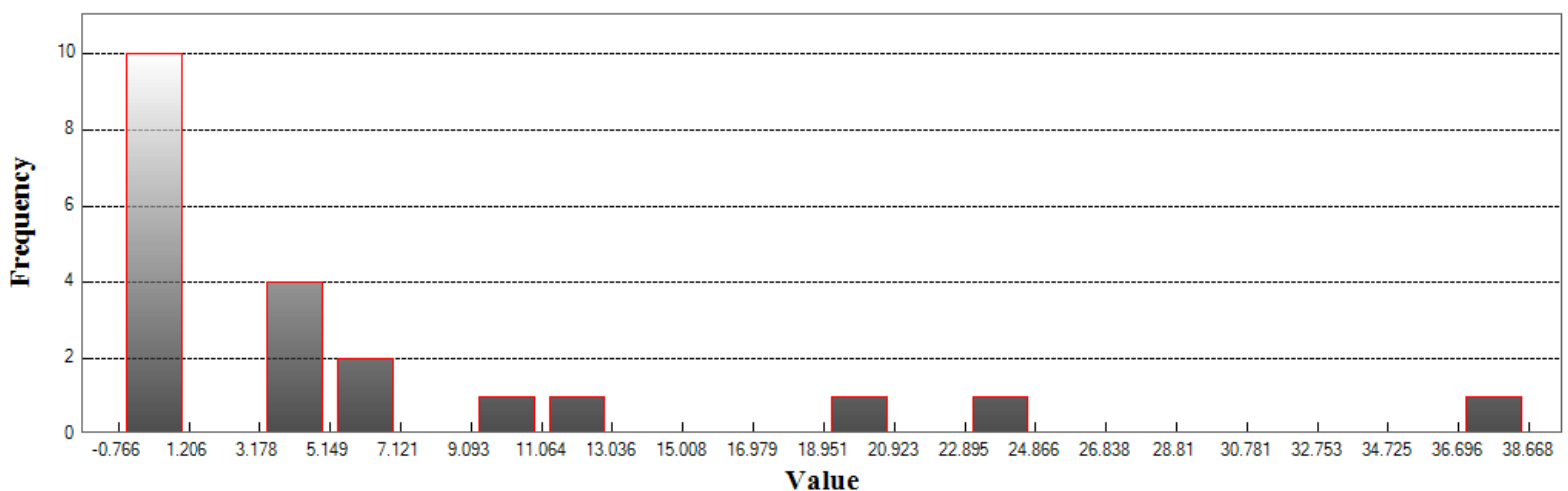
Standard Deviation DZ: 10.081

RMSE Z: 11.715

95th Percentile: 24.152

Units: US Survey Feet

## Histogram



Min: -0.766

Max: 38.668

Number Of Bins: 20

Bin Interval: 1.972



## LAS (Continued)

### Supplemental Vertical Accuracy

LandCover Type: Tall Weed

Minimum DZ: 0.215

Maximum DZ: 4.131

Mean DZ: 0.743

Mean Magnitude DZ: 0.862

Number Observations: 18

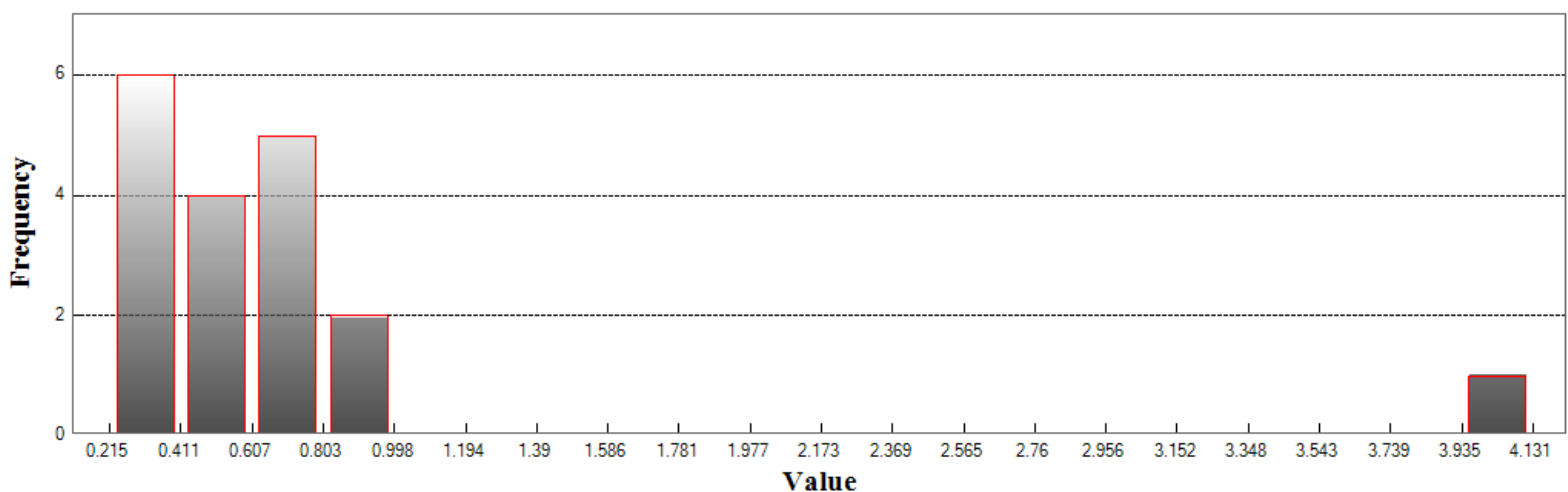
Standard Deviation DZ: 0.869

RMSE Z: 1.124

95th Percentile: 1.349

Units: US Survey Feet

## Histogram



Min: 0.215

Max: 4.131

Number Of Bins: 20

Bin Interval: 0.196



## LAS (Continued)

### Supplemental Vertical Accuracy

LandCover Type: Urban

Minimum DZ: -0.621

Maximum DZ: 0.726

Mean DZ: 0.133

Mean Magnitude DZ: 0.494

Number Observations: 21

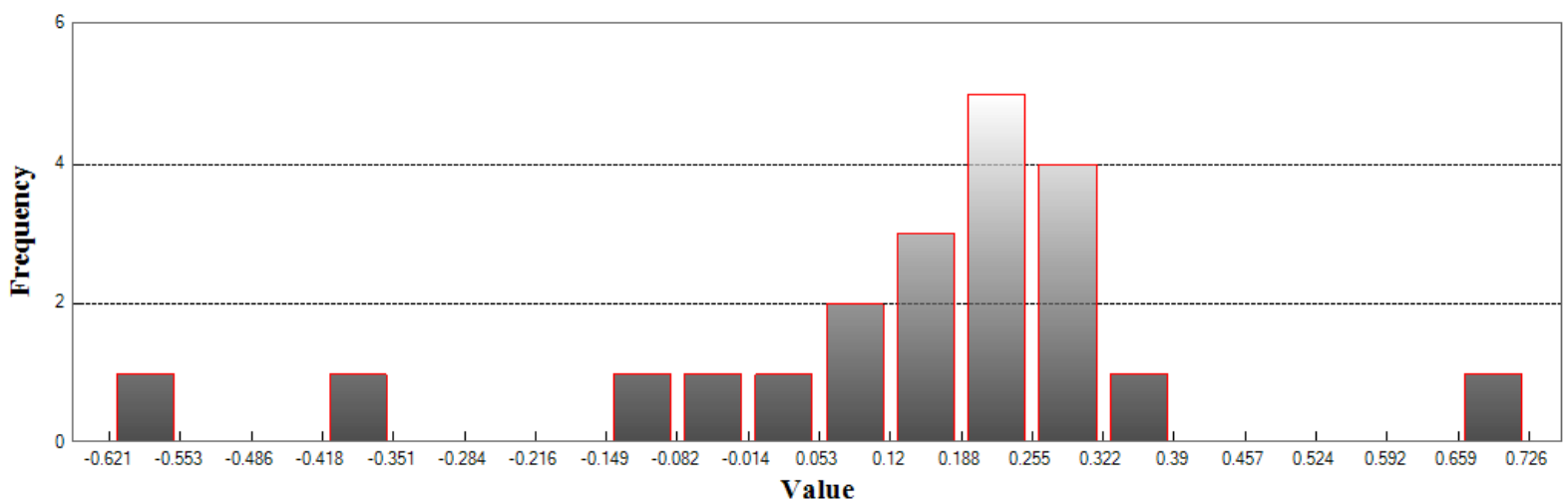
Standard Deviation DZ: 0.269

RMSE Z: 0.295

95th Percentile: 0.621

Units: US Survey Feet

## Histogram



Min: -0.621

Max: 0.726

Number Of Bins: 20

Bin Interval: 0.067



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12353 E. Easter Ave.  
Centennial, CO 80112  
(303) 627-4058

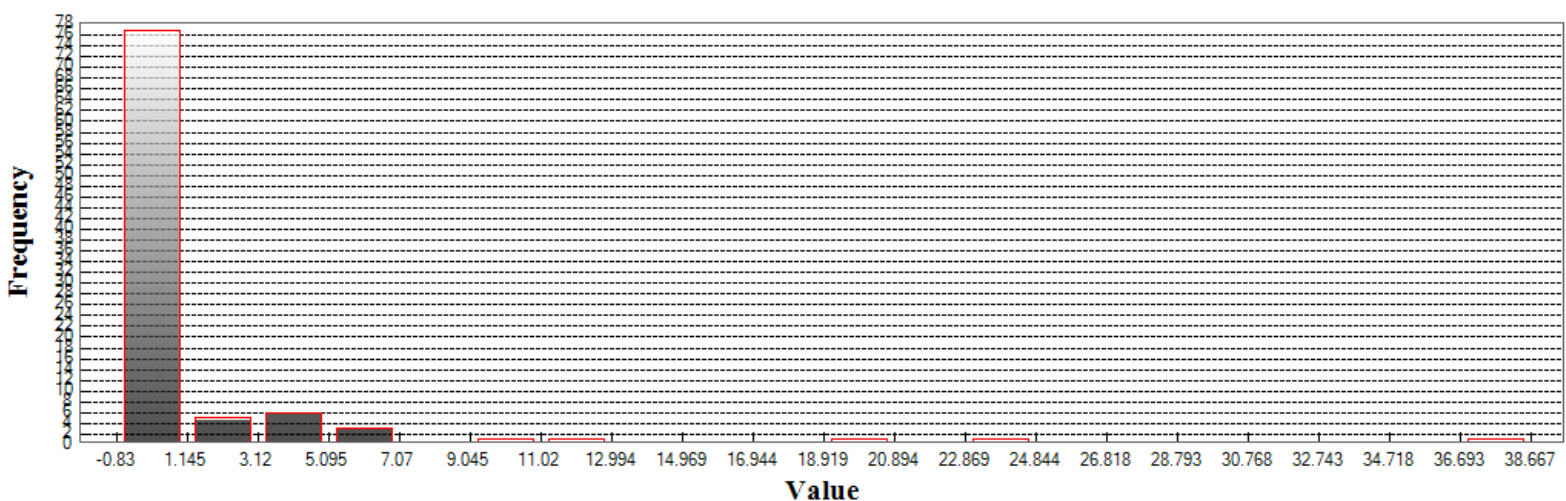


## LAS (Continued)

### Consolidated Vertical Accuracy

LandCover Type: ALL  
Minimum DZ: -0.829  
Maximum DZ: 38.668  
Mean DZ: 1.843  
Mean Magnitude DZ: 1.387  
Number Observations: 96  
Standard Deviation DZ: 5.295  
RMSE Z: 5.581  
95th Percentile: 7.214  
Units: US Survey Feet

## Histogram



Min: -0.829

Max: 38.668

Number Of Bins: 20

Bin Interval: 1.975

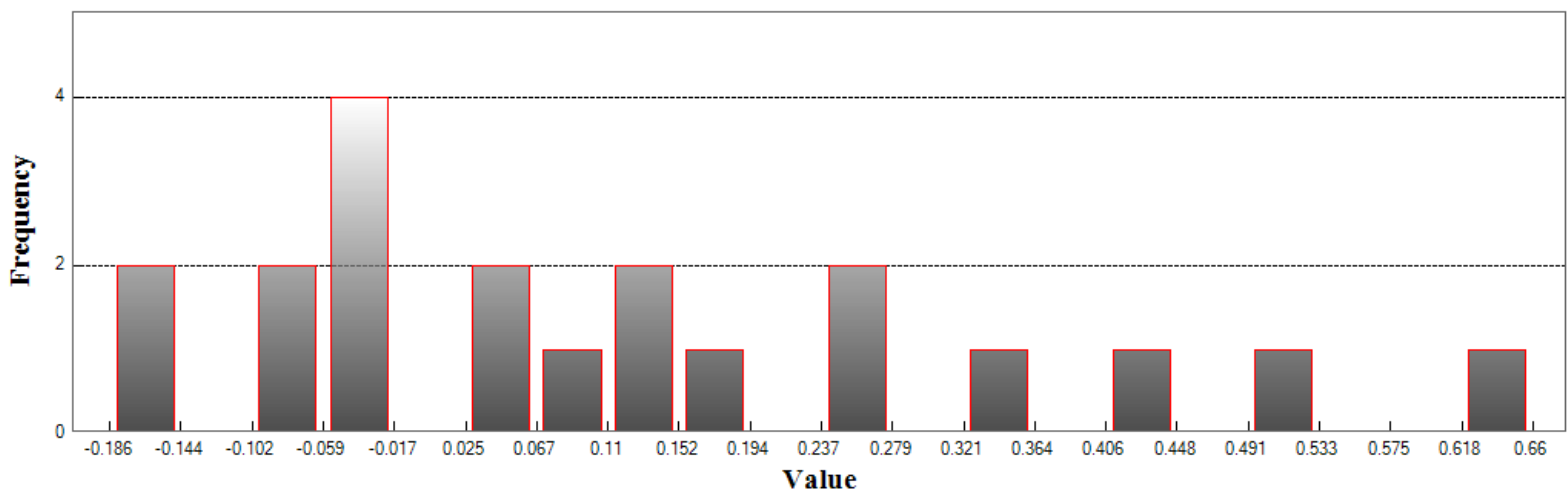


## DEM

### Fundamental Vertical Accuracy

LandCover Type: Bare Earth  
Minimum DZ: -0.186  
Maximum DZ: 0.66  
Mean DZ: 0.124  
Mean Magnitude DZ: 0.437  
Number Observations: 20  
Standard Deviation DZ: 0.231  
RMSE Z: 0.257  
95% Confidence Level Z: 0.504  
Units: US Survey Feet

## Histogram



Min: -0.186

Max: 0.66

Number Of Bins: 20

Bin Interval: 0.042





## DEM (Continued)

### Supplemental Vertical Accuracy

LandCover Type: Brush Land

Minimum DZ: -0.966

Maximum DZ: 0.591

Mean DZ: 0.148

Mean Magnitude DZ: 0.592

Number Observations: 16

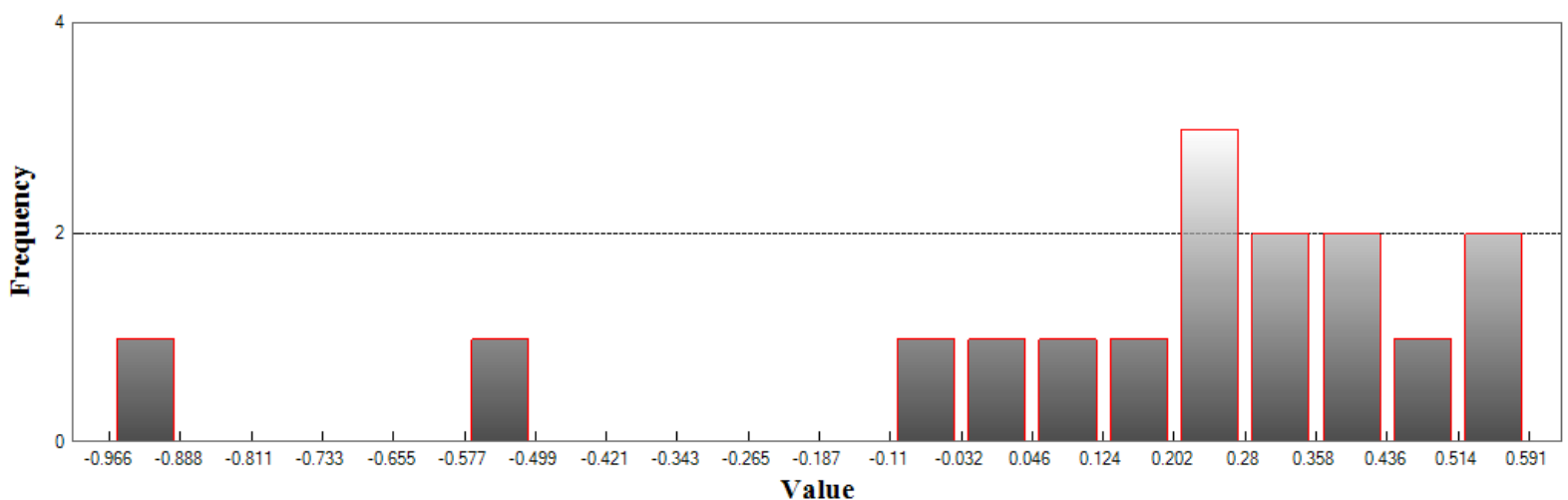
Standard Deviation DZ: 0.409

RMSE Z: 0.422

95th Percentile: 0.685

Units: US Survey Feet

## Histogram



Min: -0.966

Max: 0.591

Number Of Bins: 20

Bin Interval: 0.078



## DEM (Continued)

### Supplemental Vertical Accuracy

LandCover Type: Forested\_Fully Grown

Minimum DZ: -0.819

Maximum DZ: 0.902

Mean DZ: 0.1

Mean Magnitude DZ: 0.535

Number Observations: 21

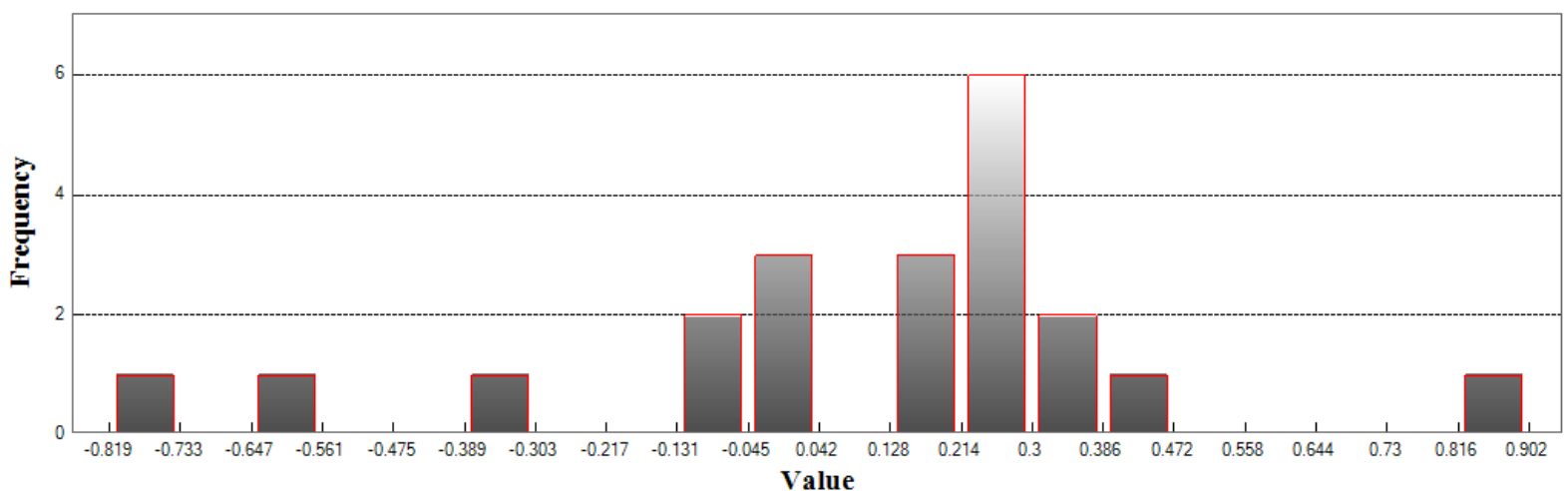
Standard Deviation DZ: 0.363

RMSE Z: 0.368

95th Percentile: 0.819

Units: US Survey Feet

## Histogram



Min: -0.819

Max: 0.902

Number Of Bins: 20

Bin Interval: 0.086



## DEM (Continued)

### Supplemental Vertical Accuracy

LandCover Type: Tall Weed

Minimum DZ: -0.203

Maximum DZ: 0.724

Mean DZ: 0.378

Mean Magnitude DZ: 0.633

Number Observations: 18

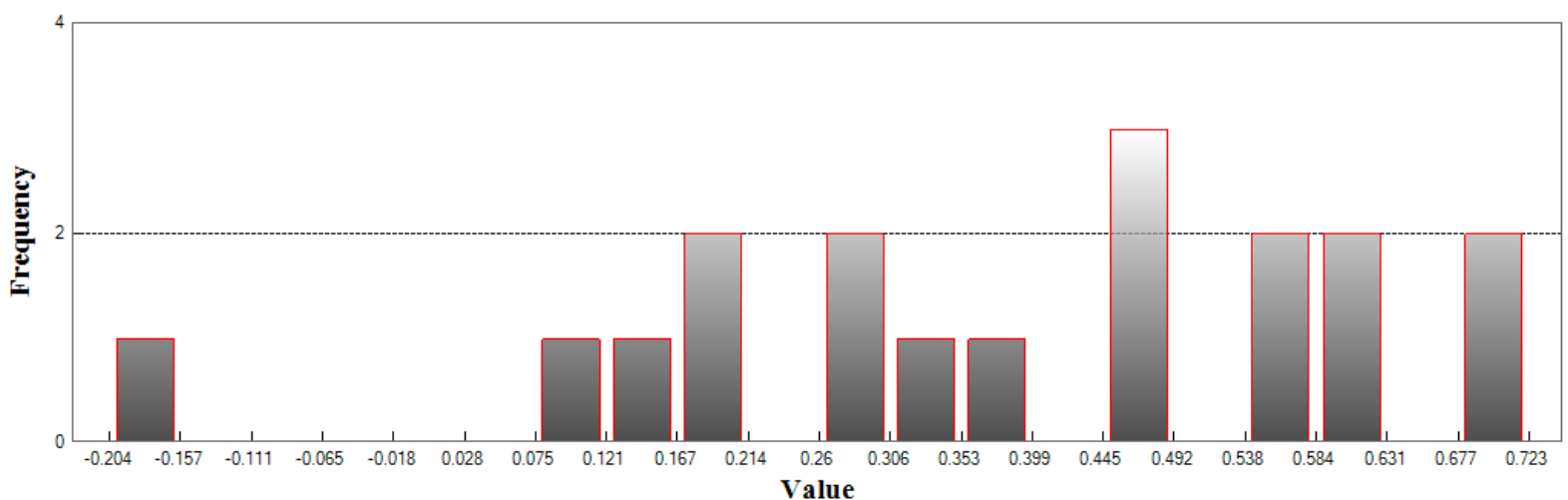
Standard Deviation DZ: 0.24

RMSE Z: 0.444

95th Percentile: 0.686

Units: US Survey Feet

## Histogram



Min: -0.203

Max: 0.724

Number Of Bins: 20

Bin Interval: 0.046



## DEM (Continued)

### Supplemental Vertical Accuracy

LandCover Type: Urban

Minimum DZ: -0.653

Maximum DZ: 0.792

Mean DZ: 0.097

Mean Magnitude DZ: 0.462

Number Observations: 21

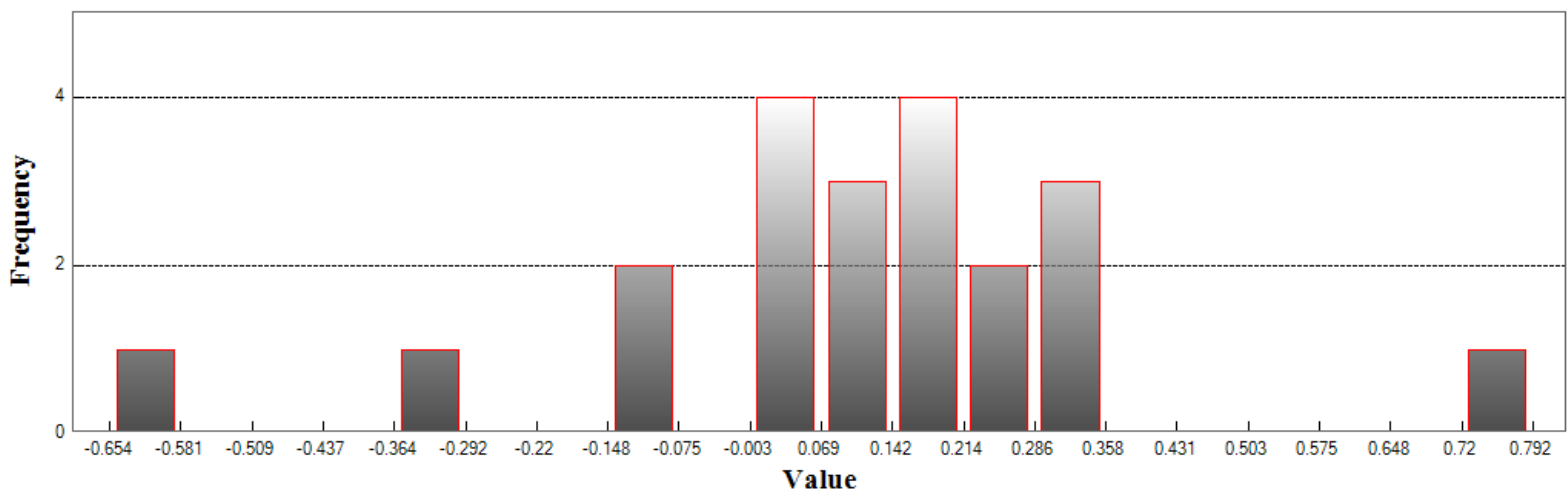
Standard Deviation DZ: 0.278

RMSE Z: 0.289

95th Percentile: 0.653

Units: US Survey Feet

## Histogram



Min: -0.653

Max: 0.792

Number Of Bins: 20

Bin Interval: 0.072

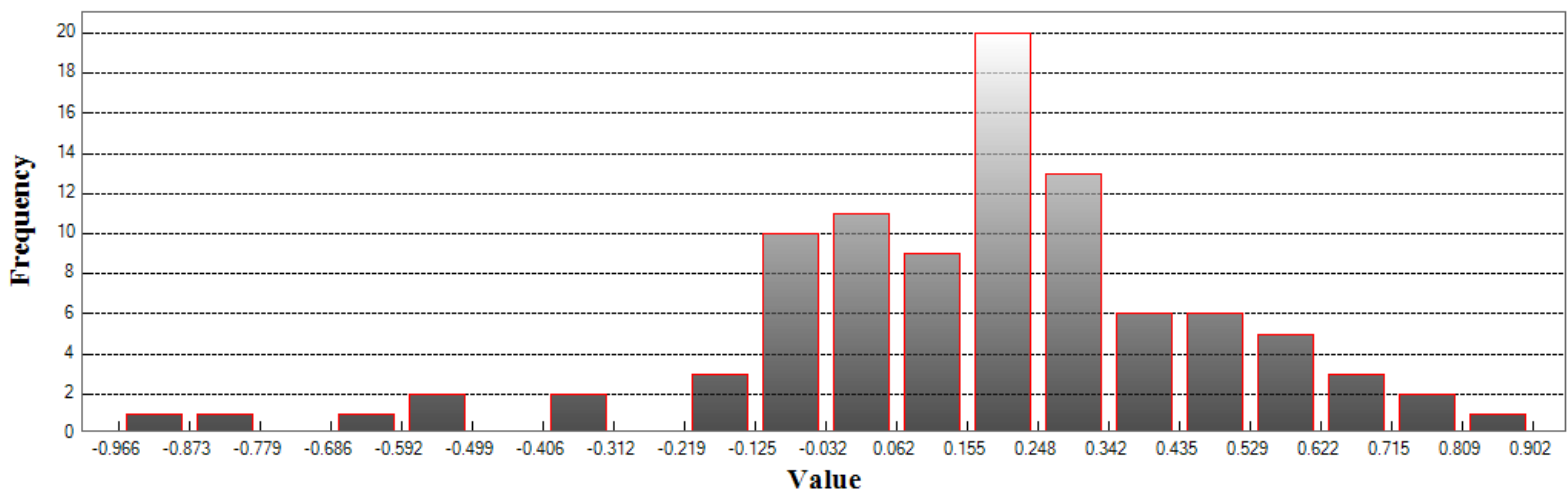


## DEM (Continued)

### Consolidated Vertical Accuracy

LandCover Type: ALL  
Minimum DZ: -0.966  
Maximum DZ: 0.902  
Mean DZ: 0.164  
Mean Magnitude DZ: 0.532  
Number Observations: 96  
Standard Deviation DZ: 0.32  
RMSE Z: 0.358  
95th Percentile: 0.69  
Units: US Survey Feet

## Histogram



Min: -0.966  
Max: 0.902  
Number Of Bins: 20  
Bin Interval: 0.093