



Project Information

Prepared By: Kenneth L. Coffey
Project Name: Suwannee River FL 2015
Sensor Info: ALS80 SN#8235
Required Nominal Pulse Spacing: 2.297
Vendor Name: Digital Aerial Solutions .LLC
Units: US Survey Feet
Percent of Extent Tolerance: Extents Not Checked
Date of Aquisition: Start: 12/10/2015 Finish: 1/14/2016

Metadata Information

Tile Index:

Path: Z:\Accuracy_Reports\LiDAR_Suwannee_River\Index\Final\Updated_Clip_330ft_Extent_SRWMD_2016_L

Number of Polys: 0

Intensity:

Tile Index Attribute: Not Specified

Path to Data: Not Specified

DEM:

Tile Index Attribute: Tile_Name

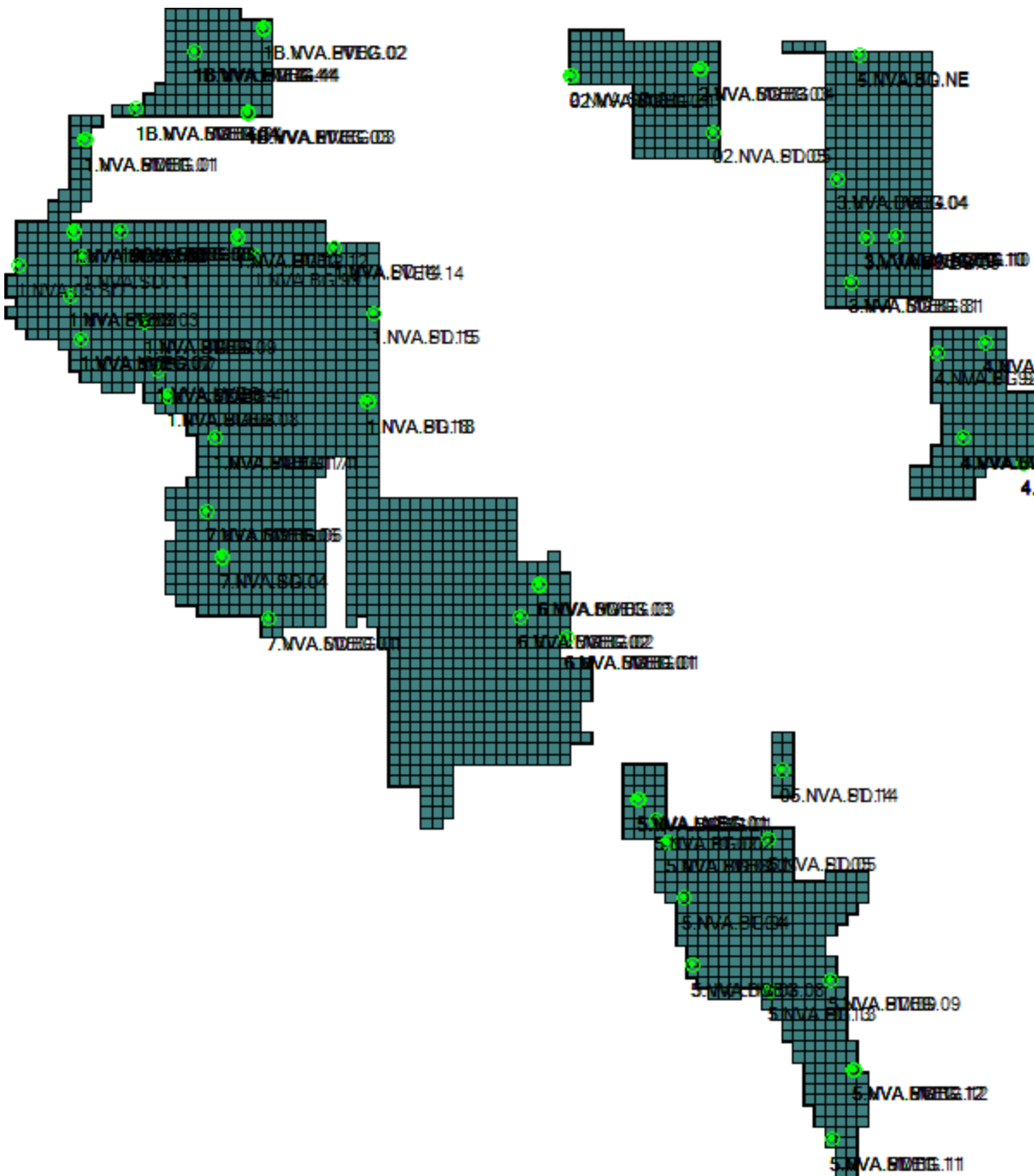
Path to Data: Z:\Accuracy_Reports\LiDAR_Suwannee_River\DEM

LAS:

Tile Index Attribute: Tile_Name

Path to Data: Z:\Accuracy_Reports\LiDAR_Suwannee_River\LAS

Tiled-Data Area



LiDAR Accuracy Assessment Summary

LC Type	# of Points	FVA	SVA	CVA
LAS				
ALL	169			0.737
NVA	95	0.429		
VVA	74		0.941	
Total	169			
DEM				
ALL	169			0.703
NVA	95	0.435		
VVA	74		0.932	
Total	169			

Units: US Survey Feet

Coordinates and Offsets of Analyzed Locations

	ID			Z1	Z DEM	Z LAS	
		Survey X	Survey Y				
			LC Type				ΔZ DEM
1)	<input checked="" type="checkbox"/>	1.NVA.05.SD					
		2185921.395	484617.887	52.185	51.725	51.668	
				NVA	-0.46	-0.517	
2)	<input checked="" type="checkbox"/>	1.NVA.BG.02					
		2211577.995	500635.245	77.815	77.773	77.701	
				NVA	-0.042	-0.114	
3)	<input checked="" type="checkbox"/>	1.NVA.BG.03					
		2210200.243	470427.39	55.191	55.034	54.969	
				NVA	-0.157	-0.222	
4)	<input checked="" type="checkbox"/>	1.NVA.BG.08					
		2256057.306	423374.556	48.94	48.853	48.861	
				NVA	-0.087	-0.079	
5)	<input checked="" type="checkbox"/>	1.NVA.BG.09					
		2245404.096	457764.584	82.135	82.074	82.117	
				NVA	-0.061	-0.018	
6)	<input checked="" type="checkbox"/>	1.NVA.BG.12					
		2288854.795	498044.265	115.747	115.899	115.929	
				NVA	0.152	0.182	
7)	<input checked="" type="checkbox"/>	1.NVA.BG.18					
		2350152.786	420651.083	83.808	84.064	84.08	
				NVA	0.256	0.272	

Coordinates and Offsets of Analyzed Locations (Continued)

	ID			Z1	Z DEM	Z LAS	
		Survey X	Survey Y				
			LC Type				ΔZ DEM
8)	<input checked="" type="checkbox"/>	1.NVA.BG.99					
		2296203.871	489163.595	100.672	100.848	100.831	
				NVA	0.176	0.159	
9)	<input checked="" type="checkbox"/>	1.NVA.BG.171					
		2278149.095	403325.42	61.768	61.799	61.778	
				NVA	0.031	0.01	
10)	<input checked="" type="checkbox"/>	1.NVA.D.88					
		2233891.241	501270.827	89.095	89.729	89.746	
				NVA	0.634	0.651	
11)	<input checked="" type="checkbox"/>	1.NVA.PT.01					
		2217302.591	543402.395	83.286	83.818	83.823	
				NVA	0.532	0.537	
12)	<input checked="" type="checkbox"/>	1.NVA.PT.02					
		2211645.334	500588.73	77.348	77.07	77.1	
				NVA	-0.278	-0.248	
13)	<input checked="" type="checkbox"/>	1.NVA.PT.03					
		2210154.502	470407.47	57.177	56.758	56.697	
				NVA	-0.419	-0.48	
14)	<input checked="" type="checkbox"/>	1.NVA.PT.08					
		2256081.557	423420.899	49.779	49.436	49.463	
				NVA	-0.343	-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	
15)	1.NVA.PT.09					
	2245388.116	457653.981	82.237	82.125	82.234	
			NVA	-0.112	-0.003	
16)	1.NVA.PT.12					
	2288736.37	497993.827	113.266	113.509	113.477	
			NVA	0.243	0.211	
17)	1.NVA.PT.14					
	2334415.557	492790.646	96.321	96.613	96.553	
			NVA	0.292	0.232	
18)	1.NVA.PT.15					
	2352589.66	462085.524	81.347	81.884	81.902	
			NVA	0.537	0.555	
19)	1.NVA.PT.18					
	2350064.472	420678.017	82.46	82.541	82.573	
			NVA	0.081	0.113	
20)	1.NVA.PT.41					
	2251453.528	435268.646	61.585	61.137	61.122	
			NVA	-0.448	-0.463	
21)	1.NVA.PT.88					
	2234031.101	501135.785	89.54	89.606	89.652	
			NVA	0.066	0.112	

Coordinates and Offsets of Analyzed Locations (Continued)

	ID			Z1	Z DEM	Z LAS	
		Survey X	Survey Y				
			LC Type				ΔZ DEM
22)	<input checked="" type="checkbox"/>	1.NVA.PT.171					
		2278170.488	403333.072	62.34	62.231	62.227	
				NVA	-0.109	-0.113	
23)	<input checked="" type="checkbox"/>	1.NVA.SD.01					
		2217205.32	543420.647	82.968	83.516	83.534	
				NVA	0.548	0.566	
24)	<input checked="" type="checkbox"/>	1.NVA.SD.02					
		2211652.73	500526.549	76.747	76.851	76.84	
				NVA	0.104	0.093	
25)	<input checked="" type="checkbox"/>	1.NVA.SD.03					
		2210107.719	470471.711	52.343	52.039	52.068	
				NVA	-0.304	-0.275	
26)	<input checked="" type="checkbox"/>	1.NVA.SD.07					
		2215273.874	449828.659	43.582	43.76	43.684	
				NVA	0.178	0.102	
27)	<input checked="" type="checkbox"/>	1.NVA.SD.08					
		2255968.538	423343.035	49.426	49.374	49.331	
				NVA	-0.052	-0.095	
28)	<input checked="" type="checkbox"/>	1.NVA.SD.09					
		2245404.638	457680.468	81.998	81.968	81.912	
				NVA	-0.03	-0.086	

Coordinates and Offsets of Analyzed Locations (Continued)

	ID			Z1	Z DEM	Z LAS	
		Survey X	Survey Y				
			LC Type				ΔZ DEM
29)	<input checked="" type="checkbox"/>	1.NVA.SD.11					
		2216394.94	488333.961	78.142	77.927	77.956	
				NVA	-0.215	-0.186	
30)	<input checked="" type="checkbox"/>	1.NVA.SD.14					
		2334308.624	492786.256	95.987	96.278	96.203	
				NVA	0.291	0.216	
31)	<input checked="" type="checkbox"/>	1.NVA.SD.15					
		2352563.355	462052.76	80.922	81.399	81.42	
				NVA	0.477	0.498	
32)	<input checked="" type="checkbox"/>	1.NVA.SD.18					
		2349985.413	420671.143	82.101	81.967	81.952	
				NVA	-0.134	-0.149	
33)	<input checked="" type="checkbox"/>	1.NVA.SD.41					
		2251416.094	435270.367	60.549	60.174	60.143	
				NVA	-0.375	-0.406	
34)	<input checked="" type="checkbox"/>	1.VVA.HVEG.01					
		2217173.523	543421.373	82.912	83.597	83.575	
				VVA	0.685	0.663	
35)	<input checked="" type="checkbox"/>	1.VVA.HVEG.02					
		2211678.561	500487.498	76.233	76.19	76.155	
				VVA	-0.043	-0.078	

Coordinates and Offsets of Analyzed Locations (Continued)

	ID			Z1	Z DEM	Z LAS	
		Survey X	Survey Y				
			LC Type				ΔZ DEM
36)	<input checked="" type="checkbox"/>	1.VVA.HVEG.07					
		2215330.921	449991.107	43.236	43.467	43.437	
				VVA	0.231	0.201	
37)	<input checked="" type="checkbox"/>	1.VVA.HVEG.08					
		2256087.859	423338.584	49.948	49.814	49.829	
				VVA	-0.134	-0.119	
38)	<input checked="" type="checkbox"/>	1.VVA.HVEG.09					
		2245431.201	457705.072	82.497	82.148	82.163	
				VVA	-0.349	-0.334	
39)	<input checked="" type="checkbox"/>	1.VVA.HVEG.12					
		2288832.521	497851.746	112.913	113.1	113.083	
				VVA	0.187	0.17	
40)	<input checked="" type="checkbox"/>	1.VVA.HVEG.88					
		2234182.87	501087.091	89.071	89.91	89.885	
				VVA	0.839	0.814	
41)	<input checked="" type="checkbox"/>	1.VVA.LVEG.03					
		2210194.258	470469.11	53.215	53.414	53.525	
				VVA	0.199	0.31	
42)	<input checked="" type="checkbox"/>	1.VVA.LVEG.07					
		2215294.076	449938.269	42.802	42.784	42.838	
				VVA	-0.018	0.036	

Coordinates and Offsets of Analyzed Locations (Continued)

	ID			Z1	Z DEM	Z LAS	
		Survey X	Survey Y				
			LC Type				ΔZ DEM
43)	<input checked="" type="checkbox"/>	1.VVA.LVEG.14					
		2334277.733	492761.181	94.89	95.398	95.471	
				VVA	0.508	0.581	
44)	<input checked="" type="checkbox"/>	1.VVA.LVEG.41					
		2251313.67	435313.781	58.056	58.731	58.359	
				VVA	0.675	0.303	
45)	<input checked="" type="checkbox"/>	1.VVA.LVEG.88					
		2234105.862	501108.747	88.631	89.767	89.767	
				VVA	1.136	1.136	
46)	<input checked="" type="checkbox"/>	1.VVA.LVEG.171					
		2278104.831	403302.263	61.349	61.631	61.583	
				VVA	0.282	0.234	
47)	<input checked="" type="checkbox"/>	1.VVA.MVEG.01					
		2217137.46	543391.696	83.105	83.46	83.479	
				VVA	0.355	0.374	
48)	<input checked="" type="checkbox"/>	1.VVA.MVEG.02					
		2211694.978	500455.112	74.007	74.291	74.082	
				VVA	0.284	0.075	
49)	<input checked="" type="checkbox"/>	1.VVA.MVEG.07					
		2215252.452	449827.105	43.757	43.544	43.556	
				VVA	-0.213	-0.201	

Coordinates and Offsets of Analyzed Locations (Continued)

ID						
	Survey X	Survey Y	Z1	Z DEM	Z LAS	
			LC Type	ΔZ DEM	ΔZ LAS	
50)	<input checked="" type="checkbox"/> 1.VVA.MVEG.41					
	2251415.273	435256.632	59.389	59.725	59.535	
			VVA	0.336	0.146	
51)	<input checked="" type="checkbox"/> 1.VVA.MVEG.88					
	2234081.475	501115.691	88.684	89.306	89.444	
			VVA	0.622	0.76	
52)	<input checked="" type="checkbox"/> 1.VVA.MVEG.171					
	2278128.707	403289.538	61.311	61.625	61.588	
			VVA	0.314	0.277	
53)	<input checked="" type="checkbox"/> 1B.NVA.BG.04					
	2241313.106	558126.7	105.646	105.666	105.671	
			NVA	0.02	0.025	
54)	<input checked="" type="checkbox"/> 1B.NVA.BG.44					
	2268832.194	585318.439	151.804	151.912	151.904	
			NVA	0.108	0.1	
55)	<input checked="" type="checkbox"/> 1B.NVA.PT.02					
	2301244.618	595909.305	132.8	132.442	132.485	
			NVA	-0.358	-0.315	
56)	<input checked="" type="checkbox"/> 1B.NVA.PT.03					
	2293722.215	556311.873	102.917	103.156	103.143	
			NVA	0.239	0.226	

Coordinates and Offsets of Analyzed Locations (Continued)

	ID			Z1	Z DEM	Z LAS	
		Survey X	Survey Y				
			LC Type				ΔZ DEM
57)	<input checked="" type="checkbox"/>	1B.NVA.PT.04					
		2268838.684	585271.857	150.465	150.525	150.508	
				NVA	0.06	0.043	
58)	<input checked="" type="checkbox"/>	1B.NVA.SD.04					
		2241294.097	558150.392	105.344	105.383	105.405	
				NVA	0.039	0.061	
59)	<input checked="" type="checkbox"/>	1B.VVA.HVEG.02					
		2301306.992	595986.077	126.903	126.425	126.552	
				VVA	-0.478	-0.351	
60)	<input checked="" type="checkbox"/>	1B.VVA.HVEG.03					
		2293602.043	556485.157	98.229	98.319	98.424	
				VVA	0.09	0.195	
61)	<input checked="" type="checkbox"/>	1B.VVA.HVEG.04					
		2241313.008	558047.435	103.294	103.57	103.625	
				VVA	0.276	0.331	
62)	<input checked="" type="checkbox"/>	1B.VVA.HVEG.44					
		2268906.046	585297.813	153.43	153.872	153.807	
				VVA	0.442	0.377	
63)	<input checked="" type="checkbox"/>	1B.VVA.LVEG.02					
		2301317.602	596139.246	123.02	122.834	122.817	
				VVA	-0.186	-0.203	

Coordinates and Offsets of Analyzed Locations (Continued)

	ID			Z1	Z DEM	Z LAS	
		Survey X	Survey Y				
			LC Type				ΔZ DEM
64)	<input checked="" type="checkbox"/>	1B.VVA.LVEG.03					
		2293765.138	556364.343	99.908	100.482	100.474	
				VVA	0.574	0.566	
65)	<input checked="" type="checkbox"/>	1B.VVA.LVEG.04					
		2241304.651	558170.14	105.246	105.627	106.243	
				VVA	0.381	0.997	
66)	<input checked="" type="checkbox"/>	1B.VVA.LVEG.44					
		2268637.54	585392.037	146.718	147.741	147.704	
				VVA	1.023	0.986	
67)	<input checked="" type="checkbox"/>	1B.VVA.MVEG.03					
		2293795.771	556344.47	100.868	101.303	101.264	
				VVA	0.435	0.396	
68)	<input checked="" type="checkbox"/>	1B.VVA.MVEG.04					
		2241291.202	558092.365	104.414	104.662	104.811	
				VVA	0.248	0.397	
69)	<input checked="" type="checkbox"/>	1B.VVA.MVEG.44					
		2268430.222	585371.917	144.302	145.182	145.242	
				VVA	0.88	0.94	
70)	<input checked="" type="checkbox"/>	02.NVA.BG.01					
		2445639.461	573646.493	108.791	108.794	108.871	
				NVA	0.003	0.08	

Coordinates and Offsets of Analyzed Locations (Continued)

	ID			Z1	Z DEM	Z LAS	
		Survey X	Survey Y				
			LC Type				ΔZ DEM
71)	<input checked="" type="checkbox"/>	2.NVA.BG.03					
		2506403.768	576682.198	129.039	129.038	129.034	
				NVA	-0.001	-0.005	
72)	<input checked="" type="checkbox"/>	02.NVA.PT.05					
		2512631.167	547373.596	127.605	127.361	127.332	
				NVA	-0.244	-0.273	
73)	<input checked="" type="checkbox"/>	2.NVA.SD.01					
		2445436.534	573774.004	103.994	103.916	103.882	
				NVA	-0.078	-0.112	
74)	<input checked="" type="checkbox"/>	2.NVA.SD.03					
		2506295.76	576637.219	128.524	128.652	128.662	
				NVA	0.128	0.138	
75)	<input checked="" type="checkbox"/>	02.NVA.SD.05					
		2512581.382	547254.151	127.085	127.209	127.24	
				NVA	0.124	0.155	
76)	<input checked="" type="checkbox"/>	02.VVA.LVEG.01					
		2445428.528	573680.135	104.691	104.607	104.614	
				VVA	-0.084	-0.077	
77)	<input checked="" type="checkbox"/>	2.VVA.LVEG.03					
		2506399.499	576648.71	128.549	128.564	128.579	
				VVA	0.015	0.03	

Coordinates and Offsets of Analyzed Locations (Continued)

	ID			Z1	Z DEM	Z LAS	
		Survey X	Survey Y				
			LC Type				ΔZ DEM
78)	<input checked="" type="checkbox"/>	02.VVA.MVEG.01					
		2445477.089	573669.843	105.777	105.973	105.922	
				VVA	0.196	0.145	
79)	<input checked="" type="checkbox"/>	2.VVA.MVEG.04					
		2506410.95	576648.106	128.526	128.752	128.773	
				VVA	0.226	0.247	
80)	<input checked="" type="checkbox"/>	3.NVA.BG.04					
		2570751.217	525313.591	126.88	127.017	127.057	
				NVA	0.137	0.177	
81)	<input checked="" type="checkbox"/>	3.NVA.BG.81					
		2577085.58	476738.937	140.026	140.217	140.231	
				NVA	0.191	0.205	
82)	<input checked="" type="checkbox"/>	3.NVA.BG10					
		2597865.44	498524.071	131.658	131.625	131.559	
				NVA	-0.033	-0.099	
83)	<input checked="" type="checkbox"/>	3.NVA.SD.09					
		2584325.275	497597.366	121.51	121.633	121.639	
				NVA	0.123	0.129	
84)	<input checked="" type="checkbox"/>	3.NVA.SD.10					
		2597876.441	498506.014	131.699	131.724	131.869	
				NVA	0.025	0.17	

Coordinates and Offsets of Analyzed Locations (Continued)

	ID			Z1	Z DEM	Z LAS	
		Survey X	Survey Y				
			LC Type				ΔZ DEM
85)	<input checked="" type="checkbox"/>	3.NVA.SD.81					
		2577051.667	476787.815	140.817	140.956	140.962	
				NVA	0.139	0.145	
86)	<input checked="" type="checkbox"/>	3.VVA.HVEG.04					
		2570918.516	525238.5	122.817	123.223	123.273	
				VVA	0.406	0.456	
87)	<input checked="" type="checkbox"/>	3.VVA.HVEG.09					
		2584260.803	497650.225	121.127	121.842	121.83	
				VVA	0.715	0.703	
88)	<input checked="" type="checkbox"/>	3.VVA.HVEG.10					
		2597846.9	498547.781	130.514	130.564	130.479	
				VVA	0.05	-0.035	
89)	<input checked="" type="checkbox"/>	3.VVA.LVEG.04					
		2570918.696	525268.98	123.463	123.854	123.89	
				VVA	0.391	0.427	
90)	<input checked="" type="checkbox"/>	3.VVA.LVEG.09					
		2584279.975	497634.655	120.927	122.017	121.871	
				VVA	1.09	0.944	
91)	<input checked="" type="checkbox"/>	3.VVA.LVEG.10					
		2597847.62	498517.862	131.695	131.706	131.731	
				VVA	0.011	0.036	

Coordinates and Offsets of Analyzed Locations (Continued)

	ID			Z1	Z DEM	Z LAS	
		Survey X	Survey Y				
			LC Type				ΔZ DEM
92)	<input checked="" type="checkbox"/>	3.VVA.LVEG.81					
		2577054.421	476713.472	140.773	141.191	140.985	
				VVA	0.418	0.212	
93)	<input checked="" type="checkbox"/>	3.VVA.MVEG.09					
		2584369.435	497571.439	121.251	122.045	122.181	
				VVA	0.794	0.93	
94)	<input checked="" type="checkbox"/>	3.VVA.MVEG.10					
		2597832.59	498545.229	130.333	130.141	130.416	
				VVA	-0.192	0.083	
95)	<input checked="" type="checkbox"/>	3.VVA.MVEG.81					
		2577100.922	476721.527	139.856	140.866	140.438	
				VVA	1.01	0.582	
96)	<input checked="" type="checkbox"/>	4.NVA.BG.02					
		2640231.039	448307.202	166.316	166.342	166.349	
				NVA	0.026	0.033	
97)	<input checked="" type="checkbox"/>	4.NVA.BG.06					
		2629786.803	403537.022	153.106	153.096	153.072	
				NVA	-0.01	-0.034	
98)	<input checked="" type="checkbox"/>	4.NVA.BG.92					
		2617654.023	443075.574	166.463	166.44	166.376	
				NVA	-0.023	-0.087	

Coordinates and Offsets of Analyzed Locations (Continued)

	ID			Z1	Z DEM	Z LAS	
		Survey X	Survey Y				
			LC Type				ΔZ DEM
99)	<input checked="" type="checkbox"/>	4.NVA.BG.9798					
		2657945.343	391608.572	144.511	144.509	144.523	
				NVA	-0.002	0.012	
100)	<input checked="" type="checkbox"/>	4.NVA.PT.02					
		2640235.925	448388.345	167.041	167.127	167.104	
				NVA	0.086	0.063	
101)	<input checked="" type="checkbox"/>	4.NVA.PT.92					
		2617640.178	443106.052	166.643	166.605	166.725	
				NVA	-0.038	0.082	
102)	<input checked="" type="checkbox"/>	4.NVA.PT.97					
		2657850.906	391506.717	144.669	144.652	144.658	
				NVA	-0.017	-0.011	
103)	<input checked="" type="checkbox"/>	4.NVA.SD.02					
		2640185.93	448285.596	166.875	166.835	166.792	
				NVA	-0.04	-0.083	
104)	<input checked="" type="checkbox"/>	4.NVA.SD.06					
		2629701.195	403552.535	154.189	154.261	154.222	
				NVA	0.072	0.033	
105)	<input checked="" type="checkbox"/>	4.NVA.SD.97					
		2657873.701	391583.786	144.467	144.366	144.355	
				NVA	-0.101	-0.112	

Coordinates and Offsets of Analyzed Locations (Continued)

	ID			Z1	Z DEM	Z LAS	
		Survey X	Survey Y				
			LC Type				ΔZ DEM
106)	<input checked="" type="checkbox"/>	4.NVA.SD.NE					
		2581041.856	583498.509	124.419	124.377	124.343	
				NVA	-0.042	-0.076	
107)	<input checked="" type="checkbox"/>	4.VVA.HVEG.06					
		2629747.8	403529.33	153.156	153.441	153.38	
				VVA	0.285	0.224	
108)	<input checked="" type="checkbox"/>	4.VVA.HVEG.97					
		2657966.022	391601.021	144.67	144.639	144.657	
				VVA	-0.031	-0.013	
109)	<input checked="" type="checkbox"/>	4.VVA.LVEG.06					
		2629798.592	403566.904	152.426	152.644	152.716	
				VVA	0.218	0.29	
110)	<input checked="" type="checkbox"/>	4.VVA.LVEG.97					
		2657916.31	391530.774	145.708	146.041	145.995	
				VVA	0.333	0.287	
111)	<input checked="" type="checkbox"/>	4.VVA.MVEG.02					
		2640187.547	448399.239	167.07	167.176	167.153	
				VVA	0.106	0.083	
112)	<input checked="" type="checkbox"/>	4.VVA.MVEG.06					
		2629820.471	403511.728	152.849	152.871	152.934	
				VVA	0.022	0.085	

Coordinates and Offsets of Analyzed Locations (Continued)

	ID			Z1	Z DEM	Z LAS	
		Survey X	Survey Y				
			LC Type				ΔZ DEM
113)	<input checked="" type="checkbox"/>	4.VVA.MVEG.97					
		2657902.304	391518.207	146.263	146.225	146.231	
				VVA	-0.038	-0.032	
114)	<input checked="" type="checkbox"/>	5.NVA.BG.002					
		2485626.968	224300.484	45.035	44.993	44.947	
				NVA	-0.042	-0.088	
115)	<input checked="" type="checkbox"/>	5.NVA.BG.02					
		2477342.648	233563.292	40.701	40.636	40.612	
				NVA	-0.065	-0.089	
116)	<input checked="" type="checkbox"/>	5.NVA.BG.03					
		2490946.724	213576	47.224	47.197	47.262	
				NVA	-0.027	0.038	
117)	<input checked="" type="checkbox"/>	5.NVA.BG.04					
		2498406.816	187120.919	44.212	43.854	43.868	
				NVA	-0.358	-0.344	
118)	<input checked="" type="checkbox"/>	5.NVA.BG.08					
		2502654.571	155680.396	34.308	34.139	34.261	
				NVA	-0.169	-0.047	
119)	<input checked="" type="checkbox"/>	5.NVA.BG.12					
		2578179.592	106750.708	73.936	74.302	74.196	
				NVA	0.366	0.26	

Coordinates and Offsets of Analyzed Locations (Continued)

	ID			Z1	Z DEM	Z LAS	
		Survey X	Survey Y				
			LC Type				ΔZ DEM
120)	<input checked="" type="checkbox"/>	5.NVA.BG.13					
		2538889.55	143839.188	40.614	40.897	40.857	
				NVA	0.283	0.243	
121)	<input checked="" type="checkbox"/>	5.NVA.BG.NE					
		2581045.766	583436.535	124.185	124.233	124.156	
				NVA	0.048	-0.029	
122)	<input checked="" type="checkbox"/>	5.NVA.PT.02					
		2485612.806	224220.374	45.116	45.096	45.101	
				NVA	-0.02	-0.015	
123)	<input checked="" type="checkbox"/>	5.NVA.PT.03					
		2490919.658	213486.34	48.54	48.436	48.456	
				NVA	-0.104	-0.084	
124)	<input checked="" type="checkbox"/>	5.NVA.PT.04					
		2498490.093	187175.707	46.89	47.222	47.172	
				NVA	0.332	0.282	
125)	<input checked="" type="checkbox"/>	5.NVA.PT.05					
		2538538.818	214748.472	69.771	69.826	69.816	
				NVA	0.055	0.045	
126)	<input checked="" type="checkbox"/>	5.NVA.PT.09					
		2567371.198	148776.371	74.064	74.069	74.034	
				NVA	0.005	-0.03	

Coordinates and Offsets of Analyzed Locations (Continued)

	ID			Z1	Z DEM	Z LAS	
		Survey X	Survey Y				
			LC Type				ΔZ DEM
127)	<input checked="" type="checkbox"/>	5.NVA.PT.11					
		2568032.582	73932.154	44.547	44.661	44.657	
				NVA	0.114	0.11	
128)	<input checked="" type="checkbox"/>	5.NVA.PT.12					
		2578408.61	106795.847	71.559	71.689	71.657	
				NVA	0.13	0.098	
129)	<input checked="" type="checkbox"/>	5.NVA.PT.13					
		2538918.67	143833.228	41.219	41.334	41.336	
				NVA	0.115	0.117	
130)	<input checked="" type="checkbox"/>	05.NVA.PT.14					
		2544558.966	247220.495	83.825	83.786	83.701	
				NVA	-0.039	-0.124	
131)	<input checked="" type="checkbox"/>	5.NVA.SD.01					
		2477601.882	233587.836	37.978	38.106	38.118	
				NVA	0.128	0.14	
132)	<input checked="" type="checkbox"/>	5.NVA.SD.03					
		2490896.271	213541.842	47.467	47.222	47.27	
				NVA	-0.245	-0.197	
133)	<input checked="" type="checkbox"/>	5.NVA.SD.05					
		2538541.288	214727.013	69.548	69.723	69.672	
				NVA	0.175	0.124	

Coordinates and Offsets of Analyzed Locations (Continued)

	ID						
		Survey X	Survey Y	Z1	Z DEM	Z LAS	
				LC Type	ΔZ DEM	ΔZ LAS	
134)	<input checked="" type="checkbox"/>	5.NVA.SD.09					
		2567363.699	148854.133	72.134	72.354	72.287	
				NVA	0.22	0.153	
135)	<input checked="" type="checkbox"/>	5.NVA.SD.11					
		2568053.693	73905.454	42.059	42.399	42.219	
				NVA	0.34	0.16	
136)	<input checked="" type="checkbox"/>	05.NVA.SD.14					
		2544617.027	247036.109	78.615	78.21	78.211	
				NVA	-0.405	-0.404	
137)	<input checked="" type="checkbox"/>	5.VVA.HVEG.01					
		2477358.917	233540.716	40.647	40.36	40.356	
				VVA	-0.287	-0.291	
138)	<input checked="" type="checkbox"/>	5.VVA.HVEG.08					
		2502709.546	155692.276	34.629	34.508	34.431	
				VVA	-0.121	-0.198	
139)	<input checked="" type="checkbox"/>	5.VVA.HVEG.09					
		2567351.849	148859.786	72.312	72.078	72.044	
				VVA	-0.234	-0.268	
140)	<input checked="" type="checkbox"/>	5.VVA.HVEG.11					
		2568040.606	73880.222	42.113	42.606	42.245	
				VVA	0.493	0.132	

Coordinates and Offsets of Analyzed Locations (Continued)

	ID			Z1	Z DEM	Z LAS	
		Survey X	Survey Y				
			LC Type				ΔZ DEM
141)	<input checked="" type="checkbox"/>	5.VVA.HVEG.12					
		2578421.272	106777.639	70.56	70.695	70.773	
				VVA	0.135	0.213	
142)	<input checked="" type="checkbox"/>	5.VVA.LVEG.01					
		2477133.512	233637.164	36.928	36.974	36.9	
				VVA	0.046	-0.028	
143)	<input checked="" type="checkbox"/>	5.VVA.LVEG.03					
		2490975.172	213608.071	47.105	47.215	47.153	
				VVA	0.11	0.048	
144)	<input checked="" type="checkbox"/>	5.VVA.LVEG.12					
		2578324.186	106687.938	71.771	72.249	72.222	
				VVA	0.478	0.451	
145)	<input checked="" type="checkbox"/>	5.VVA.MVEG.01					
		2477087.87	233605.67	36.571	36.895	36.68	
				VVA	0.324	0.109	
146)	<input checked="" type="checkbox"/>	5.VVA.MVEG.11					
		2568134.422	73981.45	41.435	41.664	41.757	
				VVA	0.229	0.322	
147)	<input checked="" type="checkbox"/>	5.VVA.MVEG.12					
		2578446.224	106840.697	69.967	70.187	70.244	
				VVA	0.22	0.277	

Coordinates and Offsets of Analyzed Locations (Continued)

	ID			Z1	Z DEM	Z LAS	
		Survey X	Survey Y				
			LC Type				ΔZ DEM
148)	<input checked="" type="checkbox"/>	6.NVA.BG.01					
		2443238.294	309470.296	61.293	61.354	61.267	
				NVA	0.061	-0.026	
149)	<input checked="" type="checkbox"/>	6.NVA.BG.02					
		2421584.502	319435.855	64.828	64.949	64.902	
				NVA	0.121	0.074	
150)	<input checked="" type="checkbox"/>	6.NVA.BG.03					
		2430583.128	334482.586	65.118	65.021	65.039	
				NVA	-0.097	-0.079	
151)	<input checked="" type="checkbox"/>	6.NVA.SD.01					
		2443263.857	309457.332	61.83	61.939	61.887	
				NVA	0.109	0.057	
152)	<input checked="" type="checkbox"/>	6.NVA.SD.03					
		2430512.919	334519.138	64.852	65.129	65.12	
				NVA	0.277	0.268	
153)	<input checked="" type="checkbox"/>	6.VVA.HVEG.01					
		2443299.122	309438.253	61.301	61.448	61.557	
				VVA	0.147	0.256	
154)	<input checked="" type="checkbox"/>	6.VVA.HVEG.02					
		2421584.092	319412.701	64.196	64.608	64.666	
				VVA	0.412	0.47	

Coordinates and Offsets of Analyzed Locations (Continued)

	ID			Z1	Z DEM	Z LAS	
		Survey X	Survey Y				
			LC Type				ΔZ DEM
155)	<input checked="" type="checkbox"/>	6.VVA.HVEG.03					
		2430600.233	334507.26	64.211	64.772	64.791	
				VVA	0.561	0.58	
156)	<input checked="" type="checkbox"/>	6.VVA.LVEG.01					
		2443214.739	309421.531	61.208	62.098	62.113	
				VVA	0.89	0.905	
157)	<input checked="" type="checkbox"/>	6.VVA.LVEG.02					
		2421593.582	319364.904	63.787	64.191	64.171	
				VVA	0.404	0.384	
158)	<input checked="" type="checkbox"/>	6.VVA.MVEG.01					
		2443236.64	309483.218	61.896	62.025	62.211	
				VVA	0.129	0.315	
159)	<input checked="" type="checkbox"/>	6.VVA.MVEG.02					
		2421612.182	319325.929	64.626	65.016	64.965	
				VVA	0.39	0.339	
160)	<input checked="" type="checkbox"/>	6.VVA.MVEG.03					
		2430622.085	334443.088	64.061	64.508	64.568	
				VVA	0.447	0.507	
161)	<input checked="" type="checkbox"/>	7.NVA.BG.04					
		2281280.005	347384.832	47.571	47.488	47.491	
				NVA	-0.083	-0.08	

Coordinates and Offsets of Analyzed Locations (Continued)

	ID			Z1	Z DEM	Z LAS	
		Survey X	Survey Y				
			LC Type				ΔZ DEM
162)	<input checked="" type="checkbox"/>	7.NVA.BG.06					
		2274530.807	369016.281	50.636	50.46	50.527	
				NVA	-0.176	-0.109	
163)	<input checked="" type="checkbox"/>	7.NVA.SD.01					
		2303154.002	318293.598	35.793	35.697	35.804	
				NVA	-0.096	0.011	
164)	<input checked="" type="checkbox"/>	7.NVA.SD.04					
		2281327.366	347442.941	47.49	47.617	47.612	
				NVA	0.127	0.122	
165)	<input checked="" type="checkbox"/>	7.NVA.SD.06					
		2274491.49	369050.551	50.819	50.605	50.585	
				NVA	-0.214	-0.234	
166)	<input checked="" type="checkbox"/>	7.VVA.HVEG.06					
		2274543.371	369066.265	49.909	49.885	49.868	
				VVA	-0.024	-0.041	
167)	<input checked="" type="checkbox"/>	7.VVA.LVEG.01					
		2303185.666	318381.474	36.025	35.892	35.91	
				VVA	-0.133	-0.115	
168)	<input checked="" type="checkbox"/>	7.VVA.MVEG.01					
		2303157.57	318358.445	35.716	36.022	36.092	
				VVA	0.306	0.376	

Coordinates and Offsets of Analyzed Locations (Continued)

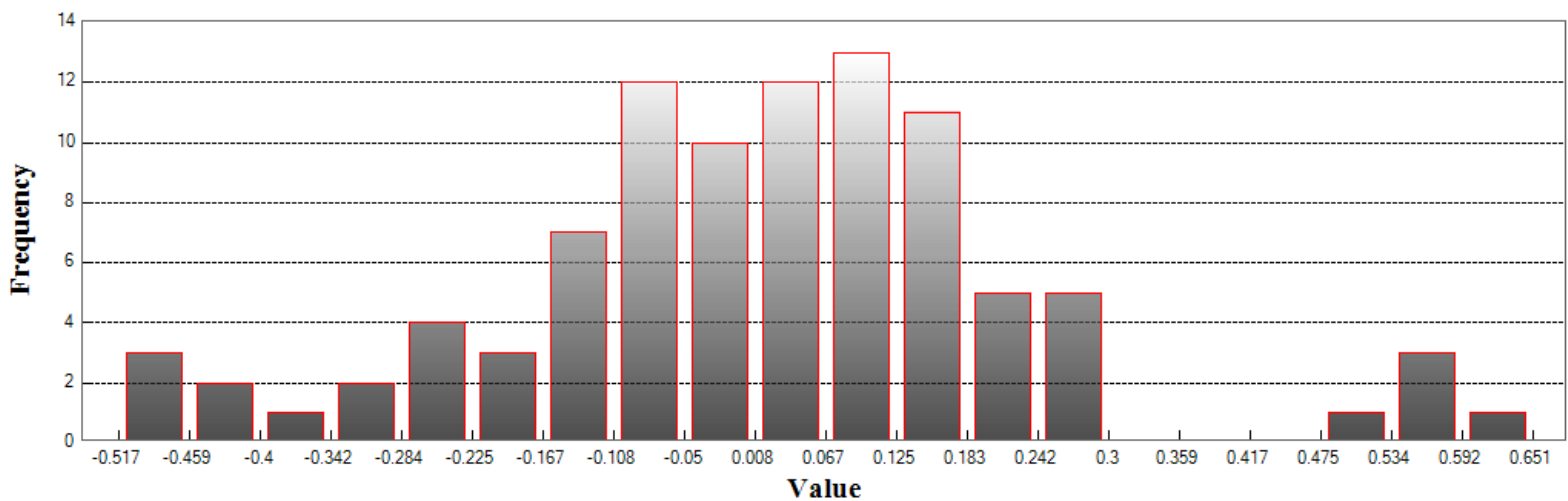
	ID					
		Survey X	Survey Y	Z1	Z DEM	Z LAS
				LC Type	ΔZ DEM	ΔZ LAS
169)	<input checked="" type="checkbox"/>	7.VVA.MVEG.06				
		2274568.58	369033.217	50.103	50.117	50.036
				VVA	0.014	-0.067

LAS

Fundamental Vertical Accuracy

LandCover Type: NVA
 Minimum DZ: -0.517
 Maximum DZ: 0.651
 Mean DZ: 0.018
 Mean Magnitude DZ: 0.406
 Number Observations: 95
 Standard Deviation DZ: 0.219
 RMSE Z: 0.219
 95% Confidence Level Z: 0.429
 Units: US Survey Feet

Histogram



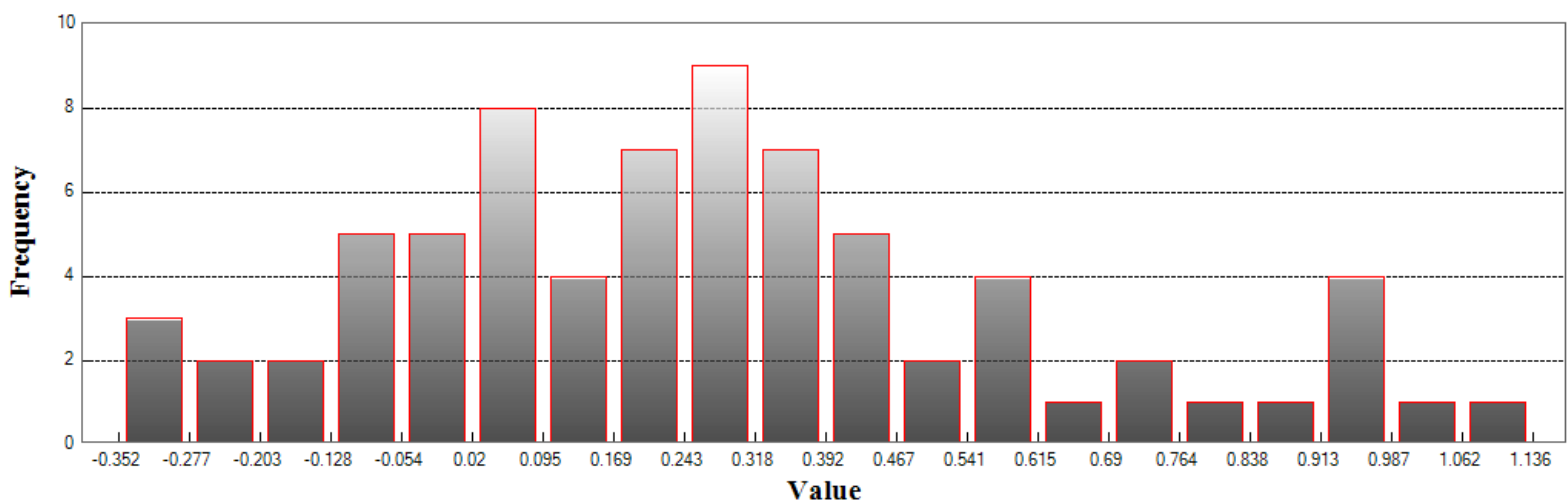
Min: -0.517
 Max: 0.651
 Number Of Bins: 20
 Bin Interval: 0.058

LAS (Continued)

Supplemental Vertical Accuracy

LandCover Type: VVA
 Minimum DZ: -0.351
 Maximum DZ: 1.136
 Mean DZ: 0.274
 Mean Magnitude DZ: 0.583
 Number Observations: 74
 Standard Deviation DZ: 0.345
 RMSE Z: 0.438
 95th Percentile: 0.941
 Units: US Survey Feet

Histogram



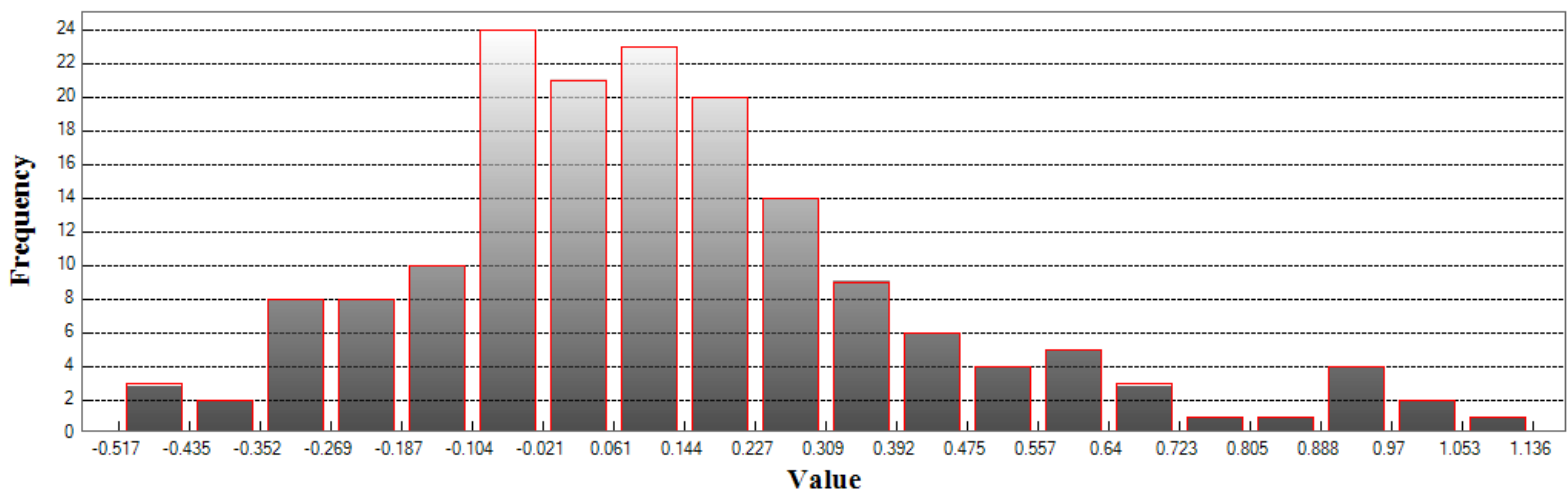
Min: -0.351
 Max: 1.136
 Number Of Bins: 20
 Bin Interval: 0.074

LAS (Continued)

Consolidated Vertical Accuracy

LandCover Type: ALL
 Minimum DZ: -0.517
 Maximum DZ: 1.136
 Mean DZ: 0.13
 Mean Magnitude DZ: 0.491
 Number Observations: 169
 Standard Deviation DZ: 0.308
 RMSE Z: 0.333
 95th Percentile: 0.737
 Units: US Survey Feet

Histogram



Min: -0.517

Max: 1.136

Number Of Bins: 20

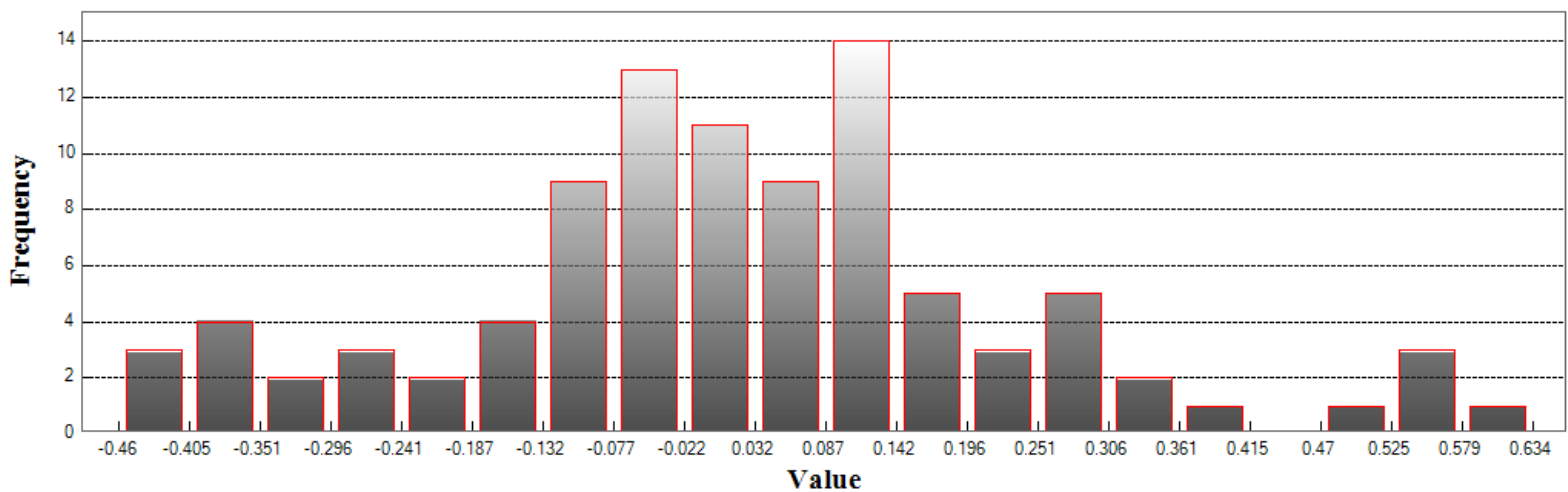
Bin Interval: 0.083

DEM

Fundamental Vertical Accuracy

LandCover Type: NVA
 Minimum DZ: -0.46
 Maximum DZ: 0.634
 Mean DZ: 0.025
 Mean Magnitude DZ: 0.409
 Number Observations: 95
 Standard Deviation DZ: 0.222
 RMSE Z: 0.222
 95% Confidence Level Z: 0.435
 Units: US Survey Feet

Histogram



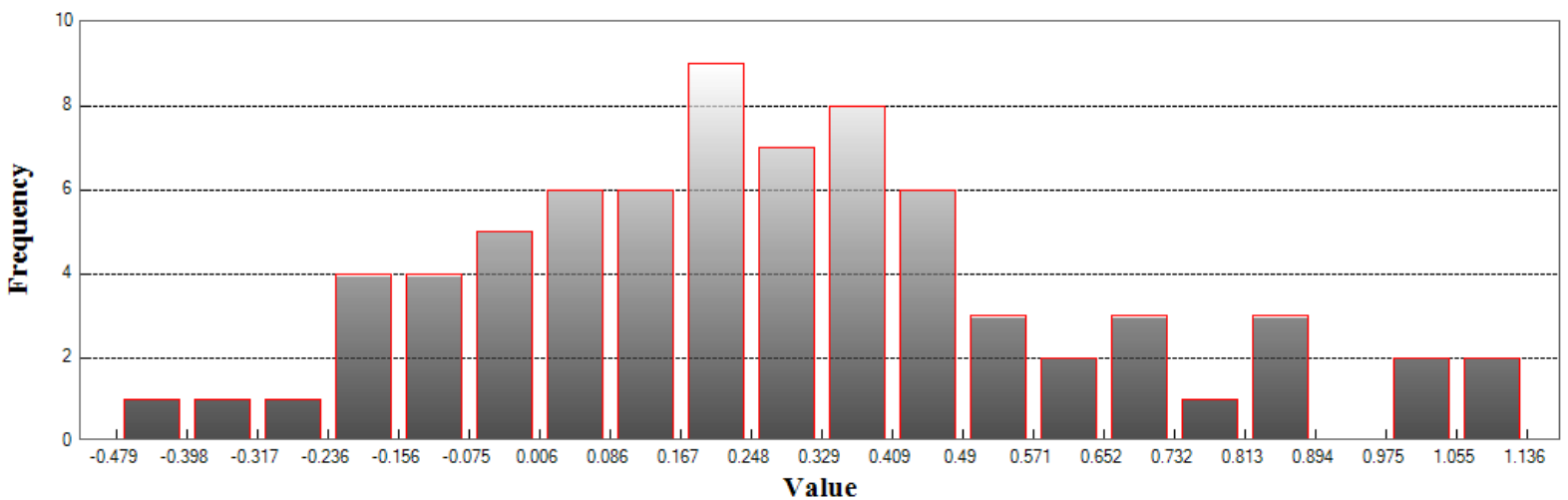
Min: -0.46
 Max: 0.634
 Number Of Bins: 20
 Bin Interval: 0.055

DEM (Continued)

Supplemental Vertical Accuracy

LandCover Type: VVA
 Minimum DZ: -0.478
 Maximum DZ: 1.136
 Mean DZ: 0.276
 Mean Magnitude DZ: 0.588
 Number Observations: 74
 Standard Deviation DZ: 0.348
 RMSE Z: 0.443
 95th Percentile: 0.932
 Units: US Survey Feet

Histogram



Min: -0.478

Max: 1.136

Number Of Bins: 20

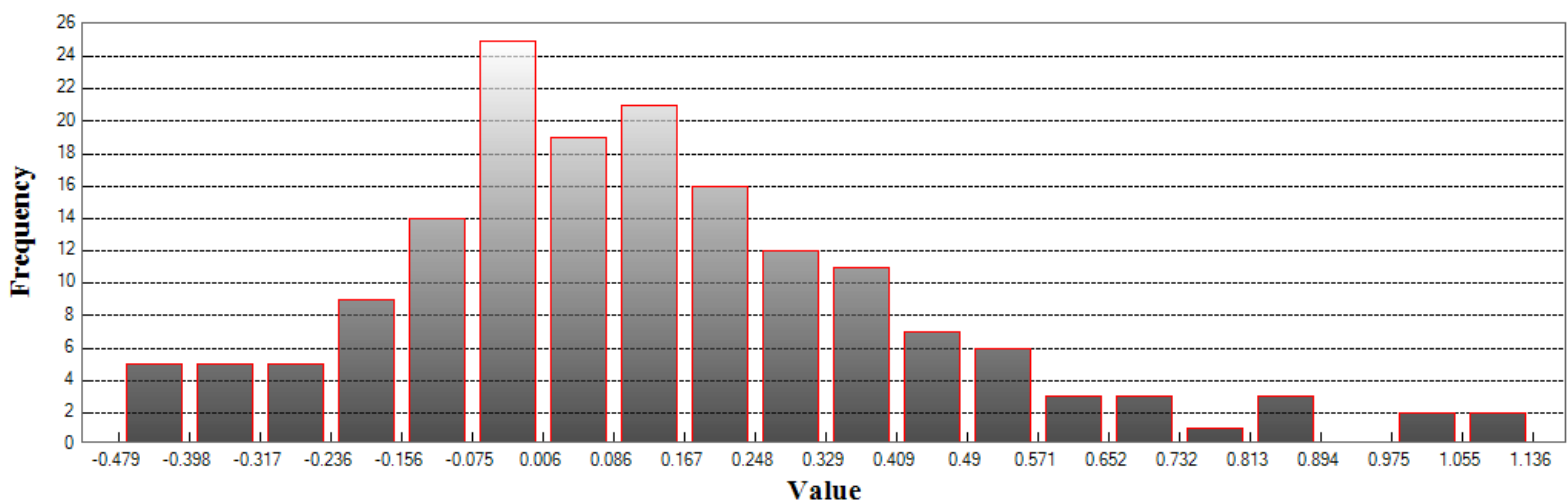
Bin Interval: 0.081

DEM (Continued)

Consolidated Vertical Accuracy

LandCover Type: ALL
 Minimum DZ: -0.478
 Maximum DZ: 1.136
 Mean DZ: 0.135
 Mean Magnitude DZ: 0.495
 Number Observations: 169
 Standard Deviation DZ: 0.31
 RMSE Z: 0.337
 95th Percentile: 0.703
 Units: US Survey Feet

Histogram



Min: -0.478
 Max: 1.136
 Number Of Bins: 20
 Bin Interval: 0.081