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## Project Information

Prepared By: DAS  
Project Name: MO\_7County\_D23  
Sensor Info: TM  
Required Nominal Pulse Spacing: 0.71  
Vendor Name: DAS  
Units: Meters  
Percent of Extent Tolerance: Extents Not Checked  
Date of Aquisition: Start: 4/5/2023 Finish: 4/19/2023

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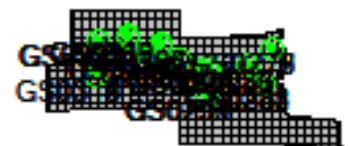
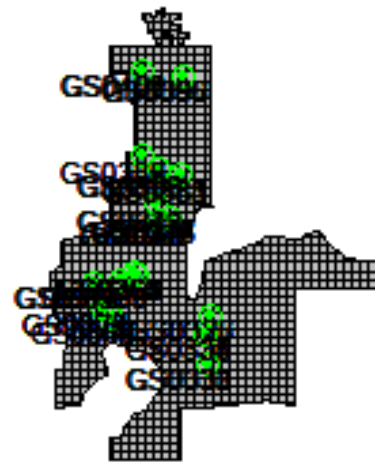
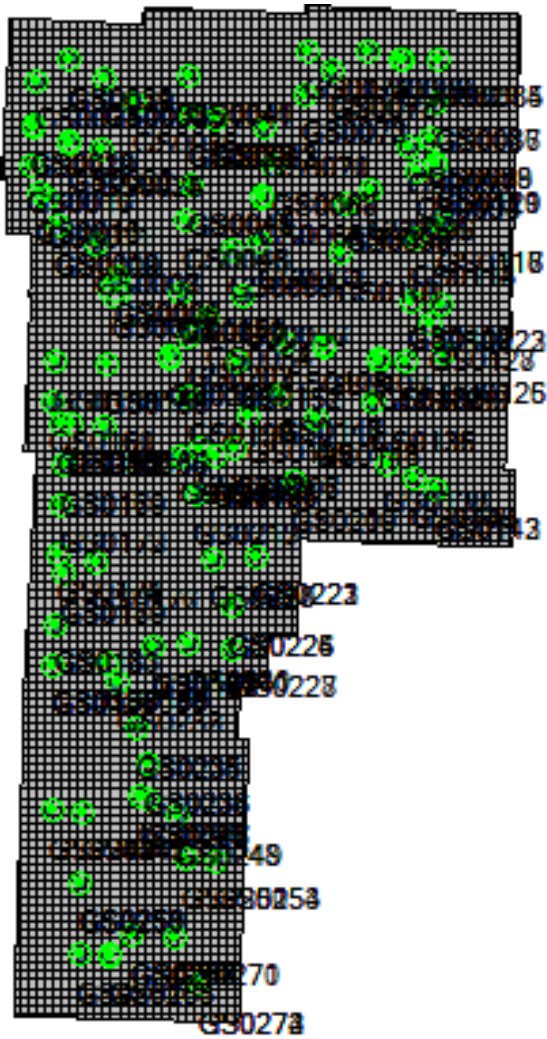
## Metadata Information

Tile Index:  
Filename: MO\_7County\_D23\_DPA\_MTI.shp  
Number of Polys: 0  
Intensity:  
Tile Index Attribute: Not Specified  
Data Filename: Not Specified

DEM:  
Tile Index Attribute: Name  
Data Filename: DEM

LAS:  
Tile Index Attribute: Name  
Data Filename: LAS

## Tiled-Data Area



# LiDAR Accuracy Assessment Summary

LC Type	# Points	NVA	VVA	RMSE Z
LAS		95% Confidence	95 Percentile	
Bare Earth	130	0.139		0.071
High Vegetation	95		0.152	0.077
Low Vegetation	36		0.169	0.099
Medium Vegetation	16		0.146	0.086
Urban Terrain	59	0.116		0.059
NVA Total:	189	0.133		0.068
VVA Total:	147		0.171	0.084
Total:	336			0.075
DEM		95% Confidence	95 Percentile	
Bare Earth	126	0.146		0.075
High Vegetation	91		0.194	0.080
Low Vegetation	36		0.162	0.095
Medium Vegetation	16		0.143	0.084
Urban Terrain	59	0.122		0.062
NVA Total:	185	0.139		0.071
VVA Total:	143		0.162	0.085
Total:	328			0.076
			Units:	Meters

## 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"/>	GS0002					
		422166.124	4259069.454	233.54	233.468	233.473	
				Bare Earth	-0.072	-0.067	
2)	<input checked="" type="checkbox"/>	GS0003					
		422189.522	4259069.369	233.815	233.738	233.742	
				Bare Earth	-0.077	-0.073	
3)	<input checked="" type="checkbox"/>	GS0006					
		422689.344	4261474.766	258.146	258.108	258.11	
				Bare Earth	-0.038	-0.036	
4)	<input checked="" type="checkbox"/>	GS0009					
		411805.51	4270746.096	246.309	246.272	246.273	
				Bare Earth	-0.037	-0.036	
5)	<input checked="" type="checkbox"/>	GS0010					
		411783.536	4270746.859	247.378	247.321	247.337	
				Bare Earth	-0.057	-0.041	
6)	<input checked="" type="checkbox"/>	GS0013					
		408417.116	4276543.353	264.147	264.136	264.132	
				Bare Earth	-0.011	-0.015	
7)	<input checked="" type="checkbox"/>	GS0014					
		408417.243	4276566.098	264.231	264.187	264.183	
				Bare Earth	-0.044	-0.048	

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"/>	GS0027					
		408095.543	4296919.836	268.274	268.232	268.229	
				Bare Earth	-0.042	-0.045	
9)	<input checked="" type="checkbox"/>	GS0028					
		408070.824	4296920.496	268.302	268.25	268.262	
				Bare Earth	-0.052	-0.04	
10)	<input checked="" type="checkbox"/>	GS0035					
		425727.939	4292724.471	271.195	271.187	271.182	
				Bare Earth	-0.008	-0.013	
11)	<input checked="" type="checkbox"/>	GS0036					
		425746.982	4292716.28	271.013	271.036	271.029	
				Bare Earth	0.023	0.016	
12)	<input checked="" type="checkbox"/>	GS0044					
		435831.652	4278050.322	259.056	259.058	259.071	
				Bare Earth	0.002	0.015	
13)	<input checked="" type="checkbox"/>	GS0045					
		435848.416	4278097.256	256.669	256.687	256.709	
				Bare Earth	0.018	0.04	
14)	<input checked="" type="checkbox"/>	GS0048					
		435080.634	4271615.951	299.973	299.948	299.959	
				Bare Earth	-0.025	-0.014	

Coordinates and Offsets of Analyzed Locations (Continued)

	ID			Z1	Z DEM	Z LAS	
		Survey X	Survey Y				
			LC Type				ΔZ DEM
15)	<input checked="" type="checkbox"/>	GS0054					
		439150.915	4253926.526	247.136	247.13	247.13	
				Bare Earth	-0.006	-0.006	
16)	<input checked="" type="checkbox"/>	GS0056					
		445614.86	4257836.108	247.406	247.374	247.373	
				Bare Earth	-0.032	-0.033	
17)	<input checked="" type="checkbox"/>	GS0057					
		445640.31	4257835.625	248.018	248.021	248.007	
				Bare Earth	0.003	-0.011	
18)	<input checked="" type="checkbox"/>	GS0059					
		443366.669	4266434.809	271.45	271.49	271.488	
				Bare Earth	0.04	0.038	
19)	<input checked="" type="checkbox"/>	GS0061					
		448574.271	4267915.607	260.617	260.595	260.59	
				Bare Earth	-0.022	-0.027	
20)	<input checked="" type="checkbox"/>	GS0062					
		448597.832	4267913.745	260.894	260.882	260.892	
				Bare Earth	-0.012	-0.002	
21)	<input checked="" type="checkbox"/>	GS0063					
		448610.263	4267895.906	261.237	261.214	261.21	
				Bare Earth	-0.023	-0.027	

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"/>	GS0067					
		451091.806	4281549.86	272.636	272.686	272.683	
				Bare Earth	0.05	0.047	
23)	<input checked="" type="checkbox"/>	GS0068					
		451093.017	4281572.409	272.633	272.736	272.743	
				Bare Earth	0.103	0.11	
24)	<input checked="" type="checkbox"/>	GS0072					
		456662.867	4294628.825	249.27	249.347	249.354	
				Bare Earth	0.077	0.084	
25)	<input checked="" type="checkbox"/>	GS0075					
		457057.528	4302424.403	232.263	232.326	232.323	
				Bare Earth	0.063	0.06	
26)	<input checked="" type="checkbox"/>	GS0077					
		461683.824	4298923.205	229.134	229.141	229.138	
				Bare Earth	0.007	0.004	
27)	<input checked="" type="checkbox"/>	GS0078					
		461703.49	4298920.015	228.817	228.869	228.857	
				Bare Earth	0.052	0.04	
28)	<input checked="" type="checkbox"/>	GS0082					
		474242.4	4300994.49	246.757	246.843	246.837	
				Bare Earth	0.086	0.08	

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"/>	<b>GS0099</b>					
		464320.183	4274806.877	274.684	274.818	274.811	
				Bare Earth	0.134	0.127	
30)	<input checked="" type="checkbox"/>	<b>GS0100</b>					
		463074.872	4265726.836	268.008	268.008	268.004	
				Bare Earth	0	-0.004	
31)	<input checked="" type="checkbox"/>	<b>GS0104</b>					
		452847.875	4249574.709	247.549	247.499	247.499	
				Bare Earth	-0.05	-0.05	
32)	<input checked="" type="checkbox"/>	<b>GS0105</b>					
		452824.703	4249575.277	247.282	247.223	247.226	
				Bare Earth	-0.059	-0.056	
33)	<input checked="" type="checkbox"/>	<b>GS0114</b>					
		476363.944	4268425.002	294.759	294.787	294.795	
				Bare Earth	0.028	0.036	
34)	<input checked="" type="checkbox"/>	<b>GS0116</b>					
		481394.26	4271195.267	290.695	290.776	290.779	
				Bare Earth	0.081	0.084	
35)	<input checked="" type="checkbox"/>	<b>GS0117</b>					
		481373.372	4271194.403	290.41	290.543	290.541	
				Bare Earth	0.133	0.131	



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"/>	<b>GS0120</b>					
		480629.729	4281876.974	266.3	266.429	266.418	
				Bare Earth	0.129	0.118	
37)	<input checked="" type="checkbox"/>	<b>GS0126</b>					
		481837.776	4247578.519	248.607	248.634	248.614	
				Bare Earth	0.027	0.007	
38)	<input checked="" type="checkbox"/>	<b>GS0127</b>					
		479572.585	4253117.719	282.005	282.108	282.11	
				Bare Earth	0.103	0.105	
39)	<input checked="" type="checkbox"/>	<b>GS0128</b>					
		479593.542	4253126.123	282.597	282.684	282.705	
				Bare Earth	0.087	0.108	
40)	<input checked="" type="checkbox"/>	<b>GS0137</b>					
		471512.99	4227564.699	271.121	271.143	271.147	
				Bare Earth	0.022	0.026	
41)	<input checked="" type="checkbox"/>	<b>GS0138</b>					
		471505.127	4227585.213	270.616	270.62	270.64	
				Bare Earth	0.004	0.024	
42)	<input checked="" type="checkbox"/>	<b>GS0139</b>					
		476279.624	4224852.012	273.486	273.51	273.515	
				Bare Earth	0.024	0.029	

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"/>	<b>GS0150</b>					
		446443.154	4236403.196	248.444	248.44	248.44	
				Bare Earth	-0.004	-0.004	
44)	<input checked="" type="checkbox"/>	<b>GS0151</b>					
		444671.35	4246319.855	249.164	249.141	249.147	
				Bare Earth	-0.023	-0.017	
45)	<input checked="" type="checkbox"/>	<b>GS0156</b>					
		420618.271	4245636.854	240.838	240.802	240.819	
				Bare Earth	-0.036	-0.019	
46)	<input checked="" type="checkbox"/>	<b>GS0159</b>					
		411411.983	4245997.678	252.321	252.272	252.262	
				Bare Earth	-0.049	-0.06	
47)	<input checked="" type="checkbox"/>	<b>GS0163</b>					
		412171.173	4234758.102	264.252	264.27	264.255	
				Bare Earth	0.018	0.003	
48)	<input checked="" type="checkbox"/>	<b>GS0167</b>					
		414149.771	4234624.415	252.426	252.412	252.417	
				Bare Earth	-0.014	-0.009	
49)	<input checked="" type="checkbox"/>	<b>GS0169</b>					
		412762.017	4227274.03	257.194	257.141	257.151	
				Bare Earth	-0.053	-0.043	

Coordinates and Offsets of Analyzed Locations (Continued)

	ID			Z1	Z DEM	Z LAS	
		Survey X	Survey Y				
			LC Type				ΔZ DEM
50)	<input checked="" type="checkbox"/>	<b>GS0173</b>					
		412494.426	4220035.957	234.499	234.456	234.462	
				Bare Earth	-0.043	-0.037	
51)	<input checked="" type="checkbox"/>	<b>GS0175</b>					
		411981.513	4211218.018	248.335	248.334	248.339	
				Bare Earth	-0.001	0.004	
52)	<input checked="" type="checkbox"/>	<b>GS0177</b>					
		418759.054	4209758.026	242.213	242.225	242.198	
				Bare Earth	0.012	-0.015	
53)	<input checked="" type="checkbox"/>	<b>GS0181</b>					
		411418.976	4198445.198	285.524	285.511	285.515	
				Bare Earth	-0.013	-0.009	
54)	<input checked="" type="checkbox"/>	<b>GS0183</b>					
		411422.912	4198493.595	285.317	285.296	285.308	
				Bare Earth	-0.021	-0.009	
55)	<input checked="" type="checkbox"/>	<b>GS0189</b>					
		420661.847	4191434.81	293.757	293.708	293.752	
				Bare Earth	-0.049	-0.005	
56)	<input checked="" type="checkbox"/>	<b>GS0190</b>					
		420641.293	4191425.712	292.5	292.481	292.473	
				Bare Earth	-0.019	-0.027	

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"/>	<b>GS0191</b>					
		429306.953	4194379.531	254.84	254.821	254.821	
				Bare Earth	-0.019	-0.019	
58)	<input checked="" type="checkbox"/>	<b>GS0195</b>					
		440391.542	4228695.416	262.376	262.437	262.439	
				Bare Earth	0.061	0.063	
59)	<input checked="" type="checkbox"/>	<b>GS0196</b>					
		440346.835	4228699.04	262.155	262.214	262.192	
				Bare Earth	0.059	0.037	
60)	<input checked="" type="checkbox"/>	<b>GS0202</b>					
		435659.104	4250448.205	239.681	239.67	239.678	
				Bare Earth	-0.011	-0.004	
61)	<input checked="" type="checkbox"/>	<b>GS0203</b>					
		435673.866	4250463.57	239.764	239.761	239.764	
				Bare Earth	-0.003	0	
62)	<input checked="" type="checkbox"/>	<b>GS0206</b>					
		443977.881	4230147.95	268.037	268.025	268.032	
				Bare Earth	-0.012	-0.005	
63)	<input checked="" type="checkbox"/>	<b>GS0207</b>					
		443991.007	4230131.165	268.086	268.091	268.101	
				Bare Earth	0.005	0.015	

Coordinates and Offsets of Analyzed Locations (Continued)

	ID			Z1	Z DEM	Z LAS
		Survey X	Survey Y			
			LC Type			
64)	<input checked="" type="checkbox"/>	<b>GS0210</b>				
		454718.356	4224258.672	292.392	292.395	292.397
				Bare Earth	0.003	0.005
65)	<input checked="" type="checkbox"/>	<b>GS0214</b>				
		434177.832	4228956.111	245.425	245.416	245.415
				Bare Earth	-0.009	-0.01
66)	<input checked="" type="checkbox"/>	<b>GS0220</b>				
		439909.639	4210271.715	261.032	260.995	261.004
				Bare Earth	-0.037	-0.028
67)	<input checked="" type="checkbox"/>	<b>GS0221</b>				
		447709.462	4210854.79	282.33	282.34	282.342
				Bare Earth	0.01	0.012
68)	<input checked="" type="checkbox"/>	<b>GS0222</b>				
		447703.504	4210875.451	283.048	283.061	283.058
				Bare Earth	0.013	0.01
69)	<input checked="" type="checkbox"/>	<b>GS0224</b>				
		443401.298	4201623.356	288.701	288.666	288.664
				Bare Earth	-0.035	-0.037
70)	<input checked="" type="checkbox"/>	<b>GS0225</b>				
		443385.915	4201639.103	287.17	287.084	287.123
				Bare Earth	-0.086	-0.047

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"/>	<b>GS0226</b>					
		443364.533	4201644.057	285.901	285.833	285.841	
				Bare Earth	-0.068	-0.06	
72)	<input checked="" type="checkbox"/>	<b>GS0227</b>					
		443593.875	4193950.075	287.415	287.338	287.327	
				Bare Earth	-0.077	-0.088	
73)	<input checked="" type="checkbox"/>	<b>GS0228</b>					
		443593.146	4193927.969	287.239	287.164	287.171	
				Bare Earth	-0.075	-0.068	
74)	<input checked="" type="checkbox"/>	<b>GS0232</b>					
		422912.931	4187847.305	235.494	235.486	235.483	
				Bare Earth	-0.008	-0.011	
75)	<input checked="" type="checkbox"/>	<b>GS0233</b>					
		422935.515	4187846.316	235.248	235.21	235.212	
				Bare Earth	-0.038	-0.036	
76)	<input checked="" type="checkbox"/>	<b>GS0234</b>					
		426377.121	4179364.036	288.09	288.024	288.052	
				Bare Earth	-0.066	-0.038	
77)	<input checked="" type="checkbox"/>	<b>GS0238</b>					
		428018.686	4173061.11	307.454	307.421	307.42	
				Bare Earth	-0.033	-0.034	

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"/>	<b>GS0240</b>					
		426898.288	4167501.637	310.808	310.843	310.841	
				Bare Earth	0.035	0.033	
79)	<input checked="" type="checkbox"/>	<b>GS0241</b>					
		416560.966	4164386.671	293.311	293.365	293.359	
				Bare Earth	0.054	0.048	
80)	<input checked="" type="checkbox"/>	<b>GS0242</b>					
		416559.67	4164365.366	292.403	292.377	292.367	
				Bare Earth	-0.026	-0.036	
81)	<input checked="" type="checkbox"/>	<b>GS0246</b>					
		427935.262	4166866.099	323.835	323.827	323.822	
				Bare Earth	-0.008	-0.013	
82)	<input checked="" type="checkbox"/>	<b>GS0247</b>					
		427947.817	4166884.865	324.205	324.198	324.204	
				Bare Earth	-0.007	-0.001	
83)	<input checked="" type="checkbox"/>	<b>GS0254</b>					
		440615.515	4155508.216	320.915	320.808	320.814	
				Bare Earth	-0.107	-0.101	
84)	<input checked="" type="checkbox"/>	<b>GS0259</b>					
		416043.079	4151521.879	310.276	310.307	310.304	
				Bare Earth	0.031	0.028	

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"/>	<b>GS0268</b>					
		425387.615	4141987.46	330.641	330.679	330.691	
				Bare Earth	0.038	0.05	
86)	<input checked="" type="checkbox"/>	<b>GS0270</b>					
		433188.968	4141653.507	284.992	284.942	284.97	
				Bare Earth	-0.05	-0.022	
87)	<input checked="" type="checkbox"/>	<b>GS0273</b>					
		437679.408	4133067.489	327.38	327.345	327.336	
				Bare Earth	-0.035	-0.044	
88)	<input checked="" type="checkbox"/>	<b>GS0281</b>					
		673841.036	4088148.664	276.524	276.558	276.538	
				Bare Earth	0.034	0.014	
89)	<input checked="" type="checkbox"/>	<b>GS0285</b>					
		670805.202	4091176.642	165.162	165.152	165.169	
				Bare Earth	-0.01	0.007	
90)	<input checked="" type="checkbox"/>	<b>GS0290</b>					
		663124.053	4085958.34	306.483	306.532	306.487	
				Bare Earth	0.049	0.004	
91)	<input checked="" type="checkbox"/>	<b>GS0291</b>					
		663136.075	4085965.213	307.177	307.196	307.188	
				Bare Earth	0.019	0.011	



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"/>	<b>GS0298</b>					
		663504.397	4091107.525	188.757	188.778	188.772	
				Bare Earth	0.021	0.015	
93)	<input checked="" type="checkbox"/>	<b>GS0302</b>					
		663522.962	4091071.949	188.946	188.959	188.945	
				Bare Earth	0.013	-0.001	
94)	<input checked="" type="checkbox"/>	<b>GS0304</b>					
		655017.297	4095044.233	246.389	246.4	246.404	
				Bare Earth	0.011	0.015	
95)	<input checked="" type="checkbox"/>	<b>GS0306</b>					
		655035.136	4095014.469	246.622	246.677	246.669	
				Bare Earth	0.055	0.047	
96)	<input checked="" type="checkbox"/>	<b>GS0309</b>					
		649131.543	4096549.965	279.859	279.856	279.875	
				Bare Earth	-0.003	0.016	
97)	<input checked="" type="checkbox"/>	<b>GS0314</b>					
		652723.211	4093386.437	293.034	293.055	293.071	
				Bare Earth	0.021	0.037	
98)	<input checked="" type="checkbox"/>	<b>GS0318</b>					
		643191.193	4089492.726	292.615	292.614	292.604	
				Bare Earth	-0.001	-0.011	

Coordinates and Offsets of Analyzed Locations (Continued)

	ID						
		Survey X	Survey Y	Z1	Z DEM	Z LAS	
				LC Type	ΔZ DEM	ΔZ LAS	
99)	<input checked="" type="checkbox"/>	GS0322					
		643642.486	4095991.014	329.083	329.189	329.208	
				Bare Earth	0.106	0.125	
100)	<input checked="" type="checkbox"/>	GS0323					
		643644.96	4096007.486	329.292	329.402	329.404	
				Bare Earth	0.11	0.112	
101)	<input checked="" type="checkbox"/>	GS0325					
		667197.554	4159066.351	342.435	342.398	342.401	
				Bare Earth	-0.037	-0.034	
102)	<input checked="" type="checkbox"/>	GS0328					
		667213.772	4159095.738	341.528	341.54	341.505	
				Bare Earth	0.012	-0.023	
103)	<input checked="" type="checkbox"/>	GS0330					
		666598.6	4150175.774	352.099	352.095	352.085	
				Bare Earth	-0.004	-0.014	
104)	<input checked="" type="checkbox"/>	GS0331					
		666617.234	4150166.79	351.68	351.656	351.654	
				Bare Earth	-0.024	-0.026	
105)	<input checked="" type="checkbox"/>	GS0336					
		666469.37	4155678.754	378.162	378.156	378.172	
				Bare Earth	-0.006	0.01	

Coordinates and Offsets of Analyzed Locations (Continued)

		ID				
		Survey X	Survey Y	Z1	Z DEM	Z LAS
				LC Type	ΔZ DEM	ΔZ LAS
106)	<input checked="" type="checkbox"/>	GS0337				
		666454.381	4155642.109	378.68	378.726	378.734
				Bare Earth	0.046	0.054
107)	<input checked="" type="checkbox"/>	GS0344				
		659896.923	4176670.335	361.727	NaN	361.717
				Bare Earth	NaN	-0.01
108)	<input checked="" type="checkbox"/>	GS0346				
		659873.35	4176678.257	360.541	NaN	360.525
				Bare Earth	NaN	-0.016
109)	<input checked="" type="checkbox"/>	GS0348				
		658086.017	4176324.96	282.487	NaN	282.508
				Bare Earth	NaN	0.021
110)	<input checked="" type="checkbox"/>	GS0349				
		658088.564	4176313.354	281.383	NaN	281.432
				Bare Earth	NaN	0.049
111)	<input checked="" type="checkbox"/>	GS0354				
		653992.98	4166505.62	340.947	340.895	340.931
				Bare Earth	-0.052	-0.016
112)	<input checked="" type="checkbox"/>	GS0358				
		651093.651	4165178.725	415.961	415.95	415.948
				Bare Earth	-0.011	-0.013

Coordinates and Offsets of Analyzed Locations (Continued)

	ID			Z1	Z DEM	Z LAS
		Survey X	Survey Y			
			LC Type			
113)	<input checked="" type="checkbox"/>	GS0359				
		651081.531	4165180.133	415.48	415.562	415.564
				Bare Earth	0.082	0.084
114)	<input checked="" type="checkbox"/>	GS0361				
		653510.223	4166618.031	326.058	326.05	326.049
				Bare Earth	-0.008	-0.009
115)	<input checked="" type="checkbox"/>	GS0362				
		653508.343	4166606.561	325.909	325.935	325.931
				Bare Earth	0.026	0.022
116)	<input checked="" type="checkbox"/>	GS0367				
		649329.446	4158561.519	437.222	437.181	437.182
				Bare Earth	-0.041	-0.04
117)	<input checked="" type="checkbox"/>	GS0368				
		649339.838	4158568.327	437.165	437.209	437.206
				Bare Earth	0.044	0.041
118)	<input checked="" type="checkbox"/>	GS0373				
		646246.254	4164987.555	406.033	406.081	406.044
				Bare Earth	0.048	0.011
119)	<input checked="" type="checkbox"/>	GS0374				
		646241.422	4164974.343	406.166	406.2	406.198
				Bare Earth	0.034	0.032

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"/>	GS0381					
		661955.763	4184474.298	310.3	310.05	310.066	
				Bare Earth	-0.25	-0.234	
121)	<input checked="" type="checkbox"/>	GS0382					
		661947.638	4184483.055	310.18	309.957	309.961	
				Bare Earth	-0.223	-0.219	
122)	<input checked="" type="checkbox"/>	GS0386					
		654776.544	4187910.074	340.509	340.251	340.252	
				Bare Earth	-0.258	-0.257	
123)	<input checked="" type="checkbox"/>	GS0387					
		654784.767	4187901.646	340.153	339.901	339.906	
				Bare Earth	-0.252	-0.247	
124)	<input checked="" type="checkbox"/>	GS0388					
		654748.846	4187945.623	340.519	340.257	340.262	
				Bare Earth	-0.262	-0.257	
125)	<input checked="" type="checkbox"/>	GS0392					
		657677.143	4185416.914	325.071	324.822	324.848	
				Bare Earth	-0.249	-0.224	
126)	<input checked="" type="checkbox"/>	GS0393					
		657667.047	4185408.98	324.795	324.58	324.58	
				Bare Earth	-0.215	-0.215	

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"/>	<b>GS0400</b>					
		654775.148	4203441.196	287.255	287.287	287.302	
				Bare Earth	0.032	0.047	
128)	<input checked="" type="checkbox"/>	<b>GS0401</b>					
		654787.241	4203442.732	287.64	287.71	287.691	
				Bare Earth	0.07	0.051	
129)	<input checked="" type="checkbox"/>	<b>GS0402</b>					
		654799.732	4203441.667	288.184	288.204	288.211	
				Bare Earth	0.02	0.027	
130)	<input checked="" type="checkbox"/>	<b>GS0403</b>					
		654811.672	4203436.868	288.282	288.281	288.28	
				Bare Earth	-0.001	-0.002	
131)	<input checked="" type="checkbox"/>	<b>GS0007</b>					
		418847.559	4267255.276	256.674	256.601	256.594	
				Urban Terrain	-0.073	-0.08	
132)	<input checked="" type="checkbox"/>	<b>GS0008</b>					
		418847.627	4267278.765	257.649	257.554	257.568	
				Urban Terrain	-0.095	-0.081	
133)	<input checked="" type="checkbox"/>	<b>GS0021</b>					
		414082.35	4285812.717	260.083	260.025	260.024	
				Urban Terrain	-0.058	-0.059	

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"/>	GS0022					
		414063.933	4285794.118	260.563	260.516	260.512	
				Urban Terrain	-0.047	-0.051	
135)	<input checked="" type="checkbox"/>	GS0024					
		419744.617	4284705.171	277.298	277.228	277.239	
				Urban Terrain	-0.07	-0.059	
136)	<input checked="" type="checkbox"/>	GS0025					
		419724.832	4284719.287	277.089	276.972	276.991	
				Urban Terrain	-0.117	-0.098	
137)	<input checked="" type="checkbox"/>	GS0031					
		414013.914	4300762.853	261.77	261.735	261.727	
				Urban Terrain	-0.035	-0.043	
138)	<input checked="" type="checkbox"/>	GS0042					
		440367.853	4290184.101	226.762	226.718	226.719	
				Urban Terrain	-0.044	-0.043	
139)	<input checked="" type="checkbox"/>	GS0043					
		440396.478	4290185.669	226.437	226.392	226.399	
				Urban Terrain	-0.045	-0.038	
140)	<input checked="" type="checkbox"/>	GS0070					
		449502.756	4288467.159	244.262	244.262	244.242	
				Urban Terrain	0	-0.02	

Coordinates and Offsets of Analyzed Locations (Continued)

	ID						
		Survey X	Survey Y	Z1	Z DEM	Z LAS	
				LC Type	ΔZ DEM	ΔZ LAS	
141)	<input checked="" type="checkbox"/>	GS0085					
		481006.909	4301079.008	260.358	260.439	260.431	
				Urban Terrain	0.081	0.073	
142)	<input checked="" type="checkbox"/>	GS0087					
		480569.776	4293011.851	221.902	221.935	221.946	
				Urban Terrain	0.033	0.044	
143)	<input checked="" type="checkbox"/>	GS0088					
		479342.556	4286443.534	260.024	260.087	260.092	
				Urban Terrain	0.063	0.068	
144)	<input checked="" type="checkbox"/>	GS0093					
		477157.348	4280718.088	257.552	257.599	257.599	
				Urban Terrain	0.047	0.047	
145)	<input checked="" type="checkbox"/>	GS0094					
		477183.224	4280726.454	256.59	256.645	256.65	
				Urban Terrain	0.055	0.06	
146)	<input checked="" type="checkbox"/>	GS0096					
		468599.964	4277103.152	277.798	277.779	277.797	
				Urban Terrain	-0.019	-0.001	
147)	<input checked="" type="checkbox"/>	GS0108					
		460290.303	4248879.498	246.045	246.036	246.038	
				Urban Terrain	-0.009	-0.007	



Coordinates and Offsets of Analyzed Locations (Continued)

	ID						
		Survey X	Survey Y	Z1	Z DEM	Z LAS	
				LC Type	ΔZ DEM	ΔZ LAS	
148)	<input checked="" type="checkbox"/>	<b>GS0112</b>					
		475922.564	4257102.766	280.478	280.542	280.543	
				Urban Terrain	0.064	0.065	
149)	<input checked="" type="checkbox"/>	<b>GS0129</b>					
		474941.424	4246079.187	297.323	297.35	297.373	
				Urban Terrain	0.027	0.05	
150)	<input checked="" type="checkbox"/>	<b>GS0130</b>					
		474959.569	4246093.999	296.654	296.687	296.688	
				Urban Terrain	0.033	0.034	
151)	<input checked="" type="checkbox"/>	<b>GS0135</b>					
		469030.072	4238634.813	225.437	225.414	225.398	
				Urban Terrain	-0.023	-0.039	
152)	<input checked="" type="checkbox"/>	<b>GS0143</b>					
		480568.349	4222960.704	284.358	284.404	284.406	
				Urban Terrain	0.046	0.048	
153)	<input checked="" type="checkbox"/>	<b>GS0144</b>					
		458736.373	4235974.905	234.169	234.151	234.17	
				Urban Terrain	-0.018	0.001	
154)	<input checked="" type="checkbox"/>	<b>GS0145</b>					
		458745.426	4235952.309	233.829	233.824	233.822	
				Urban Terrain	-0.005	-0.007	

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"/>	<b>GS0160</b>					
		410824.451	4238495.824	250.534	250.458	250.464	
				Urban Terrain	-0.076	-0.07	
156)	<input checked="" type="checkbox"/>	<b>GS0179</b>					
		412677.088	4207650.581	229.44	229.357	229.329	
				Urban Terrain	-0.083	-0.111	
157)	<input checked="" type="checkbox"/>	<b>GS0185</b>					
		411042.389	4191011.449	280.78	280.747	280.753	
				Urban Terrain	-0.033	-0.027	
158)	<input checked="" type="checkbox"/>	<b>GS0197</b>					
		435608.934	4239890.459	224.642	224.634	224.628	
				Urban Terrain	-0.008	-0.014	
159)	<input checked="" type="checkbox"/>	<b>GS0201</b>					
		432202.228	4246847.487	243.023	242.995	242.993	
				Urban Terrain	-0.028	-0.03	
160)	<input checked="" type="checkbox"/>	<b>GS0212</b>					
		437295.814	4230482.13	257.201	257.199	257.194	
				Urban Terrain	-0.002	-0.007	
161)	<input checked="" type="checkbox"/>	<b>GS0217</b>					
		436854.73	4221764.179	265.69	265.69	265.689	
				Urban Terrain	0	-0.001	

Coordinates and Offsets of Analyzed Locations (Continued)

		ID				
		Survey X	Survey Y	Z1	Z DEM	Z LAS
				LC Type	ΔZ DEM	ΔZ LAS
162)	<input checked="" type="checkbox"/>	<b>GS0245</b>				
		410831.7	4164609.663	308.805	308.799	308.8
				Urban Terrain	-0.006	-0.005
163)	<input checked="" type="checkbox"/>	<b>GS0248</b>				
		433580.863	4163709.881	292.931	292.863	292.891
				Urban Terrain	-0.068	-0.04
164)	<input checked="" type="checkbox"/>	<b>GS0251</b>				
		435026.785	4155709.669	318.471	318.38	318.39
				Urban Terrain	-0.091	-0.081
165)	<input checked="" type="checkbox"/>	<b>GS0253</b>				
		440638.439	4155505.637	321.473	321.398	321.397
				Urban Terrain	-0.075	-0.076
166)	<input checked="" type="checkbox"/>	<b>GS0257</b>				
		416007.117	4151490.373	311.588	311.569	311.578
				Urban Terrain	-0.019	-0.01
167)	<input checked="" type="checkbox"/>	<b>GS0262</b>				
		415719.115	4138472.632	330.964	330.904	330.928
				Urban Terrain	-0.06	-0.036
168)	<input checked="" type="checkbox"/>	<b>GS0263</b>				
		421362.887	4138440.319	345.464	345.43	345.424
				Urban Terrain	-0.034	-0.04

Coordinates and Offsets of Analyzed Locations (Continued)

	ID			Z1	Z DEM	Z LAS	
		Survey X	Survey Y				
			LC Type				ΔZ DEM
169)	<input checked="" type="checkbox"/>	<b>GS0264</b>					
		421361.24	4138413.612	346.217	346.186	346.193	
				Urban Terrain	-0.031	-0.025	
170)	<input checked="" type="checkbox"/>	<b>GS0265</b>					
		421359.461	4138390.951	347.028	347.002	346.994	
				Urban Terrain	-0.026	-0.034	
171)	<input checked="" type="checkbox"/>	<b>GS0266</b>					
		425363.989	4142005.188	331.533	331.574	331.551	
				Urban Terrain	0.041	0.018	
172)	<input checked="" type="checkbox"/>	<b>GS0272</b>					
		437700.841	4133072.174	328.527	328.43	328.424	
				Urban Terrain	-0.097	-0.103	
173)	<input checked="" type="checkbox"/>	<b>GS0274</b>					
		437699.393	4133049.699	328.038	327.956	327.953	
				Urban Terrain	-0.082	-0.085	
174)	<input checked="" type="checkbox"/>	<b>GS0277</b>					
		675045.94	4094435.084	174.14	174.218	174.223	
				Urban Terrain	0.078	0.083	
175)	<input checked="" type="checkbox"/>	<b>GS0278</b>					
		675055.21	4094446.677	174.538	174.624	174.601	
				Urban Terrain	0.086	0.063	

Coordinates and Offsets of Analyzed Locations (Continued)

	ID			Z1	Z DEM	Z LAS	
		Survey X	Survey Y				
			LC Type				ΔZ DEM
176)	<input checked="" type="checkbox"/>	<b>GS0279</b>					
		675064.195	4094456.629	174.922	175.021	174.996	
				Urban Terrain	0.099	0.074	
177)	<input checked="" type="checkbox"/>	<b>GS0286</b>					
		670791.841	4091189.126	165.363	165.332	165.342	
				Urban Terrain	-0.031	-0.021	
178)	<input checked="" type="checkbox"/>	<b>GS0295</b>					
		658456.371	4092486	295.108	295.048	295.077	
				Urban Terrain	-0.06	-0.031	
179)	<input checked="" type="checkbox"/>	<b>GS0299</b>					
		663518.662	4091103.68	188.754	188.727	188.73	
				Urban Terrain	-0.027	-0.024	
180)	<input checked="" type="checkbox"/>	<b>GS0310</b>					
		649115.469	4096555.304	280.594	280.584	280.584	
				Urban Terrain	-0.01	-0.01	
181)	<input checked="" type="checkbox"/>	<b>GS0313</b>					
		652728.169	4093406.194	293.255	293.302	293.301	
				Urban Terrain	0.047	0.046	
182)	<input checked="" type="checkbox"/>	<b>GS0339</b>					
		657523.327	4179032.105	334.384	334.319	334.325	
				Urban Terrain	-0.065	-0.059	

Coordinates and Offsets of Analyzed Locations (Continued)

	ID			Z1	Z DEM	Z LAS	
		Survey X	Survey Y				
			LC Type				ΔZ DEM
183)	<input checked="" type="checkbox"/>	<b>GS0340</b>					
		657511.124	4179032.056	335.501	335.399	335.451	
				Urban Terrain	-0.102	-0.05	
184)	<input checked="" type="checkbox"/>	<b>GS0353</b>					
		653979.022	4166504.716	339.983	339.949	339.932	
				Urban Terrain	-0.034	-0.051	
185)	<input checked="" type="checkbox"/>	<b>GS0371</b>					
		646264.313	4164986.791	406.646	406.606	406.603	
				Urban Terrain	-0.04	-0.043	
186)	<input checked="" type="checkbox"/>	<b>GS0372</b>					
		646262.665	4164999.858	406.489	406.454	406.446	
				Urban Terrain	-0.035	-0.043	
187)	<input checked="" type="checkbox"/>	<b>GS0390</b>					
		657709.467	4185433.526	324.837	324.611	324.615	
				Urban Terrain	-0.226	-0.222	
188)	<input checked="" type="checkbox"/>	<b>GS0395</b>					
		662297.287	4202328.04	291.84	291.843	291.872	
				Urban Terrain	0.003	0.031	
189)	<input checked="" type="checkbox"/>	<b>GS0396</b>					
		662298.381	4202314.241	291.807	291.833	291.832	
				Urban Terrain	0.026	0.025	

Coordinates and Offsets of Analyzed Locations (Continued)

	ID			Z1	Z DEM	Z LAS	
		Survey X	Survey Y				
			LC Type				ΔZ DEM
190)	<input checked="" type="checkbox"/>	GS0004					
		422629.512	4261477.559	260.113	260.035	260.037	
				High Vegetation	-0.078	-0.076	
191)	<input checked="" type="checkbox"/>	GS0011					
		409998.203	4275569.668	245.236	245.15	245.152	
				High Vegetation	-0.086	-0.084	
192)	<input checked="" type="checkbox"/>	GS0015					
		406829.733	4281735.85	256.011	255.994	256.008	
				High Vegetation	-0.017	-0.003	
193)	<input checked="" type="checkbox"/>	GS0016					
		406829.966	4281755.578	256.873	256.838	256.833	
				High Vegetation	-0.035	-0.04	
194)	<input checked="" type="checkbox"/>	GS0017					
		406833.343	4281767.584	257.089	257.128	257.139	
				High Vegetation	0.039	0.05	
195)	<input checked="" type="checkbox"/>	GS0019					
		407358.089	4288747.671	273.216	273.255	273.252	
				High Vegetation	0.039	0.036	
196)	<input checked="" type="checkbox"/>	GS0029					
		413990.773	4300760.533	262.262	262.256	262.238	
				High Vegetation	-0.006	-0.024	

Coordinates and Offsets of Analyzed Locations (Continued)

		ID				
		Survey X	Survey Y	Z1	Z DEM	Z LAS
				LC Type	ΔZ DEM	ΔZ LAS
197)	<input checked="" type="checkbox"/>	<b>GS0030</b>				
		413972.474	4300767.641	263.136	263.119	263.124
				High Vegetation	-0.017	-0.012
198)	<input checked="" type="checkbox"/>	<b>GS0032</b>				
		420516.603	4297567.323	259.221	259.221	259.219
				High Vegetation	0	-0.002
199)	<input checked="" type="checkbox"/>	<b>GS0033</b>				
		420517.721	4297543.168	258.963	258.989	258.977
				High Vegetation	0.026	0.014
200)	<input checked="" type="checkbox"/>	<b>GS0034</b>				
		420509.477	4297513.127	258.686	258.649	258.638
				High Vegetation	-0.037	-0.048
201)	<input checked="" type="checkbox"/>	<b>GS0037</b>				
		436031.154	4290458.711	264.69	264.78	264.793
				High Vegetation	0.09	0.103
202)	<input checked="" type="checkbox"/>	<b>GS0038</b>				
		436039.106	4290438.323	264.087	264.189	264.177
				High Vegetation	0.102	0.09
203)	<input checked="" type="checkbox"/>	<b>GS0040</b>				
		435693.141	4297895.674	252.557	252.643	252.67
				High Vegetation	0.086	0.113



Coordinates and Offsets of Analyzed Locations (Continued)

	ID			Z1	Z DEM	Z LAS	
		Survey X	Survey Y				
			LC Type				ΔZ DEM
204)	<input checked="" type="checkbox"/>	GS0041					
		435686.398	4297867.01	252.401	252.453	252.444	
				High Vegetation	0.052	0.043	
205)	<input checked="" type="checkbox"/>	GS0049					
		434176.336	4258447.427	269.852	269.868	269.86	
				High Vegetation	0.016	0.008	
206)	<input checked="" type="checkbox"/>	GS0053					
		439137.355	4253911.645	246.496	246.527	246.524	
				High Vegetation	0.031	0.028	
207)	<input checked="" type="checkbox"/>	GS0071					
		449493.755	4288498.248	244.569	244.557	244.557	
				High Vegetation	-0.012	-0.012	
208)	<input checked="" type="checkbox"/>	GS0079					
		468273.266	4302392.343	251.814	251.855	251.858	
				High Vegetation	0.041	0.044	
209)	<input checked="" type="checkbox"/>	GS0080					
		468297.204	4302395.573	252.323	252.335	252.333	
				High Vegetation	0.012	0.01	
210)	<input checked="" type="checkbox"/>	GS0086					
		480574.993	4293030.492	222.014	222.147	222.166	
				High Vegetation	0.133	0.152	

Coordinates and Offsets of Analyzed Locations (Continued)

	ID			Z1	Z DEM	Z LAS	
		Survey X	Survey Y				
			LC Type				ΔZ DEM
211)	<input checked="" type="checkbox"/>	GS0091					
		475540.903	4285264.201	249.499	249.591	249.603	
				High Vegetation	0.092	0.104	
212)	<input checked="" type="checkbox"/>	GS0098					
		464292.6	4274826.953	274.312	274.437	274.458	
				High Vegetation	0.125	0.146	
213)	<input checked="" type="checkbox"/>	GS0101					
		463076.12	4265701.798	268.164	268.282	268.264	
				High Vegetation	0.118	0.1	
214)	<input checked="" type="checkbox"/>	GS0113					
		476346.46	4268437.974	294.479	294.551	294.532	
				High Vegetation	0.072	0.053	
215)	<input checked="" type="checkbox"/>	GS0118					
		481354.404	4271190.628	289.761	289.955	289.958	
				High Vegetation	0.194	0.196	
216)	<input checked="" type="checkbox"/>	GS0121					
		480653.388	4281860.955	267.3	267.429	267.433	
				High Vegetation	0.129	0.133	
217)	<input checked="" type="checkbox"/>	GS0122					
		481653.482	4256577.846	307.799	307.94	307.926	
				High Vegetation	0.141	0.127	

Coordinates and Offsets of Analyzed Locations (Continued)

	ID			Z1	Z DEM	Z LAS
		Survey X	Survey Y			
			LC Type			
218)	<input checked="" type="checkbox"/>	<b>GS0123</b>				
		481624.405	4256618.881	306.48	306.61	306.605
				High Vegetation	0.13	0.125
219)	<input checked="" type="checkbox"/>	<b>GS0125</b>				
		481868.506	4247597.575	249.249	249.342	249.346
				High Vegetation	0.093	0.097
220)	<input checked="" type="checkbox"/>	<b>GS0140</b>				
		476298.623	4224836.509	273.134	273.199	273.197
				High Vegetation	0.065	0.063
221)	<input checked="" type="checkbox"/>	<b>GS0142</b>				
		480567.634	4222906.87	284.875	284.961	284.948
				High Vegetation	0.086	0.073
222)	<input checked="" type="checkbox"/>	<b>GS0149</b>				
		446448.369	4236366.78	247.953	247.952	247.979
				High Vegetation	-0.001	0.025
223)	<input checked="" type="checkbox"/>	<b>GS0155</b>				
		420632.28	4245629.227	240.132	240.126	240.114
				High Vegetation	-0.006	-0.018
224)	<input checked="" type="checkbox"/>	<b>GS0158</b>				
		411431.27	4245987.519	252.596	252.611	252.618
				High Vegetation	0.015	0.022

Coordinates and Offsets of Analyzed Locations (Continued)

	ID			Z1	Z DEM	Z LAS	
		Survey X	Survey Y				
			LC Type				ΔZ DEM
225)	<input checked="" type="checkbox"/>	<b>GS0161</b>					
		410848.117	4238502.325	250.814	250.808	250.793	
				High Vegetation	-0.006	-0.022	
226)	<input checked="" type="checkbox"/>	<b>GS0162</b>					
		412169.058	4234782.866	264.312	264.3	264.314	
				High Vegetation	-0.012	0.002	
227)	<input checked="" type="checkbox"/>	<b>GS0165</b>					
		420381.667	4234415.079	247.343	247.366	247.361	
				High Vegetation	0.023	0.018	
228)	<input checked="" type="checkbox"/>	<b>GS0166</b>					
		420412.532	4234422.035	247.323	247.401	247.382	
				High Vegetation	0.078	0.059	
229)	<input checked="" type="checkbox"/>	<b>GS0168</b>					
		414143.445	4234646.993	252.718	252.761	252.758	
				High Vegetation	0.043	0.04	
230)	<input checked="" type="checkbox"/>	<b>GS0172</b>					
		412474.392	4220029.386	234.497	234.446	234.452	
				High Vegetation	-0.051	-0.045	
231)	<input checked="" type="checkbox"/>	<b>GS0180</b>					
		412663.019	4207674.451	229.222	229.223	229.212	
				High Vegetation	0.001	-0.01	

Coordinates and Offsets of Analyzed Locations (Continued)

	ID			Z1	Z DEM	Z LAS	
		Survey X	Survey Y				
				LC Type	ΔZ DEM	ΔZ LAS	
232)	<input checked="" type="checkbox"/>	<b>GS0186</b>					
		411014.466	4191006.193	281.035	281.023	281.029	
				High Vegetation	-0.012	-0.006	
233)	<input checked="" type="checkbox"/>	<b>GS0187</b>					
		411029.288	4191028.086	280.428	280.367	280.385	
				High Vegetation	-0.061	-0.043	
234)	<input checked="" type="checkbox"/>	<b>GS0188</b>					
		420681.258	4191448.268	295.32	295.409	295.388	
				High Vegetation	0.089	0.068	
235)	<input checked="" type="checkbox"/>	<b>GS0198</b>					
		435612.467	4239911.421	224.276	224.32	224.319	
				High Vegetation	0.044	0.043	
236)	<input checked="" type="checkbox"/>	<b>GS0209</b>					
		454717.033	4224212.417	290.988	291.013	291.045	
				High Vegetation	0.025	0.057	
237)	<input checked="" type="checkbox"/>	<b>GS0215</b>					
		436897.344	4221742.104	265.494	265.526	265.53	
				High Vegetation	0.032	0.036	
238)	<input checked="" type="checkbox"/>	<b>GS0218</b>					
		439930.437	4210233.099	259.212	259.177	259.179	
				High Vegetation	-0.035	-0.033	

Coordinates and Offsets of Analyzed Locations (Continued)

	ID			Z1	Z DEM	Z LAS	
		Survey X	Survey Y				
			LC Type				ΔZ DEM
239)	<input checked="" type="checkbox"/>	<b>GS0230</b>					
		435410.483	4195078.904	265.243	265.252	265.281	
				High Vegetation	0.009	0.038	
240)	<input checked="" type="checkbox"/>	<b>GS0236</b>					
		428021.242	4173085.925	307.466	307.48	307.471	
				High Vegetation	0.014	0.005	
241)	<input checked="" type="checkbox"/>	<b>GS0239</b>					
		426917.905	4167483.242	309.336	309.447	309.404	
				High Vegetation	0.111	0.068	
242)	<input checked="" type="checkbox"/>	<b>GS0244</b>					
		410837.212	4164624.078	309.045	309.062	309.053	
				High Vegetation	0.017	0.008	
243)	<input checked="" type="checkbox"/>	<b>GS0249</b>					
		433598.449	4163697.059	292.33	292.34	292.311	
				High Vegetation	0.01	-0.019	
244)	<input checked="" type="checkbox"/>	<b>GS0250</b>					
		435005.717	4155706.787	318.358	318.293	318.282	
				High Vegetation	-0.065	-0.076	
245)	<input checked="" type="checkbox"/>	<b>GS0261</b>					
		415703.238	4138487.898	331.196	331.153	331.175	
				High Vegetation	-0.043	-0.021	

Coordinates and Offsets of Analyzed Locations (Continued)

	ID			Z1	Z DEM	Z LAS	
		Survey X	Survey Y				
			LC Type				ΔZ DEM
246)	<input checked="" type="checkbox"/>	<b>GS0276</b>					
		675033.745	4094421.353	173.759	173.859	173.847	
				High Vegetation	0.1	0.088	
247)	<input checked="" type="checkbox"/>	<b>GS0284</b>					
		673827.737	4088104.246	277.704	277.741	277.771	
				High Vegetation	0.037	0.067	
248)	<input checked="" type="checkbox"/>	<b>GS0287</b>					
		670756.734	4091312.804	160.964	160.961	160.955	
				High Vegetation	-0.003	-0.009	
249)	<input checked="" type="checkbox"/>	<b>GS0288</b>					
		670756.758	4091332.072	161.953	161.938	161.931	
				High Vegetation	-0.015	-0.022	
250)	<input checked="" type="checkbox"/>	<b>GS0292</b>					
		663145.371	4085977.21	307.269	307.326	307.327	
				High Vegetation	0.057	0.058	
251)	<input checked="" type="checkbox"/>	<b>GS0293</b>					
		663163.352	4085968.568	307.667	307.662	307.657	
				High Vegetation	-0.005	-0.01	
252)	<input checked="" type="checkbox"/>	<b>GS0296</b>					
		658419.327	4092445.422	296.953	296.998	296.995	
				High Vegetation	0.045	0.042	

Coordinates and Offsets of Analyzed Locations (Continued)

	ID			Z1	Z DEM	Z LAS	
		Survey X	Survey Y				
			LC Type				ΔZ DEM
253)	<input checked="" type="checkbox"/>	<b>GS0297</b>					
		658405.338	4092435.795	296.794	296.776	296.781	
				High Vegetation	-0.018	-0.013	
254)	<input checked="" type="checkbox"/>	<b>GS0300</b>					
		663527.861	4091090.841	188.649	188.678	188.673	
				High Vegetation	0.029	0.024	
255)	<input checked="" type="checkbox"/>	<b>GS0301</b>					
		663539.297	4091078.877	188.686	188.719	188.692	
				High Vegetation	0.033	0.006	
256)	<input checked="" type="checkbox"/>	<b>GS0305</b>					
		655024.722	4095030.007	246.446	246.512	246.504	
				High Vegetation	0.066	0.058	
257)	<input checked="" type="checkbox"/>	<b>GS0307</b>					
		654987.152	4095068.284	245.113	245.184	245.177	
				High Vegetation	0.071	0.064	
258)	<input checked="" type="checkbox"/>	<b>GS0311</b>					
		649107.669	4096539.946	280.562	280.566	280.574	
				High Vegetation	0.004	0.012	
259)	<input checked="" type="checkbox"/>	<b>GS0312</b>					
		649099.184	4096524.917	280.456	280.431	280.421	
				High Vegetation	-0.025	-0.035	



Coordinates and Offsets of Analyzed Locations (Continued)

	ID			Z1	Z DEM	Z LAS	
		Survey X	Survey Y				
			LC Type				ΔZ DEM
260)	<input checked="" type="checkbox"/>	GS0315					
		652699.678	4093377.391	293.729	293.75	293.738	
				High Vegetation	0.021	0.009	
261)	<input checked="" type="checkbox"/>	GS0316					
		652677.913	4093372.743	294.526	294.554	294.547	
				High Vegetation	0.028	0.021	
262)	<input checked="" type="checkbox"/>	GS0319					
		643178.01	4089488.129	293.443	293.403	293.427	
				High Vegetation	-0.04	-0.016	
263)	<input checked="" type="checkbox"/>	GS0341					
		657518.717	4179012.98	334.746	334.743	334.723	
				High Vegetation	-0.003	-0.023	
264)	<input checked="" type="checkbox"/>	GS0342					
		657508.729	4179027.041	335.62	335.64	335.611	
				High Vegetation	0.02	-0.009	
265)	<input checked="" type="checkbox"/>	GS0345					
		659885.803	4176674.624	361.04	NaN	361.016	
				High Vegetation	NaN	-0.024	
266)	<input checked="" type="checkbox"/>	GS0347					
		659861.771	4176679.405	360.288	NaN	360.277	
				High Vegetation	NaN	-0.011	

Coordinates and Offsets of Analyzed Locations (Continued)

	ID			Z1	Z DEM	Z LAS	
		Survey X	Survey Y				
			LC Type				ΔZ DEM
267)	<input checked="" type="checkbox"/>	<b>GS0350</b>					
		658093.547	4176295.552	280.451	NaN	280.484	
				High Vegetation	NaN	0.033	
268)	<input checked="" type="checkbox"/>	<b>GS0351</b>					
		658100.506	4176346.748	283.584	NaN	283.633	
				High Vegetation	NaN	0.048	
269)	<input checked="" type="checkbox"/>	<b>GS0355</b>					
		654006.065	4166510.764	342.543	342.501	342.536	
				High Vegetation	-0.042	-0.007	
270)	<input checked="" type="checkbox"/>	<b>GS0356</b>					
		654013.634	4166518.327	344.13	344.128	344.124	
				High Vegetation	-0.002	-0.006	
271)	<input checked="" type="checkbox"/>	<b>GS0360</b>					
		651047.951	4165186.721	414.537	414.52	414.518	
				High Vegetation	-0.017	-0.019	
272)	<input checked="" type="checkbox"/>	<b>GS0363</b>					
		653508.161	4166591.838	325.75	325.742	325.766	
				High Vegetation	-0.008	0.016	
273)	<input checked="" type="checkbox"/>	<b>GS0369</b>					
		649308.871	4158536.57	437.211	437.216	437.211	
				High Vegetation	0.005	0	

Coordinates and Offsets of Analyzed Locations (Continued)

		ID				
		Survey X	Survey Y	Z1	Z DEM	Z LAS
				LC Type	ΔZ DEM	ΔZ LAS
274)	<input checked="" type="checkbox"/>	<b>GS0375</b>				
		647749.886	4160247.012	411.199	411.164	411.163
				High Vegetation	-0.035	-0.036
275)	<input checked="" type="checkbox"/>	<b>GS0376</b>				
		647747.534	4160236.779	411.794	411.748	411.749
				High Vegetation	-0.046	-0.045
276)	<input checked="" type="checkbox"/>	<b>GS0377</b>				
		647743.252	4160225.582	412.053	412.09	412.095
				High Vegetation	0.037	0.042
277)	<input checked="" type="checkbox"/>	<b>GS0378</b>				
		647741.919	4160209.098	412.693	412.761	412.747
				High Vegetation	0.068	0.054
278)	<input checked="" type="checkbox"/>	<b>GS0379</b>				
		647733.143	4160198.497	412.868	412.854	412.868
				High Vegetation	-0.014	0
279)	<input checked="" type="checkbox"/>	<b>GS0383</b>				
		661936.316	4184488.746	309.726	309.494	309.474
				High Vegetation	-0.232	-0.252
280)	<input checked="" type="checkbox"/>	<b>GS0384</b>				
		661924.869	4184501.444	309.237	308.969	308.999
				High Vegetation	-0.268	-0.238

Coordinates and Offsets of Analyzed Locations (Continued)

	ID			Z1	Z DEM	Z LAS	
		Survey X	Survey Y				
			LC Type				ΔZ DEM
281)	<input checked="" type="checkbox"/>	GS0389					
		654743.099	4187957.683	340.117	339.854	339.859	
				High Vegetation	-0.263	-0.258	
282)	<input checked="" type="checkbox"/>	GS0391					
		657696.293	4185429.693	325.335	325.079	325.087	
				High Vegetation	-0.256	-0.248	
283)	<input checked="" type="checkbox"/>	GS0397					
		662312.891	4202285.354	291.222	291.26	291.262	
				High Vegetation	0.038	0.04	
284)	<input checked="" type="checkbox"/>	GS0398					
		662318.893	4202296.936	290.631	290.732	290.698	
				High Vegetation	0.101	0.067	
285)	<input checked="" type="checkbox"/>	GS0046					
		435072.305	4271597.28	299.79	299.856	299.859	
				Low Vegetation	0.066	0.069	
286)	<input checked="" type="checkbox"/>	GS0060					
		443366.031	4266467.881	271.672	271.674	271.744	
				Low Vegetation	0.002	0.072	
287)	<input checked="" type="checkbox"/>	GS0064					
		448684.451	4275960.399	277.631	277.711	277.716	
				Low Vegetation	0.08	0.085	

Coordinates and Offsets of Analyzed Locations (Continued)

	ID			Z1	Z DEM	Z LAS	
		Survey X	Survey Y				
			LC Type				ΔZ DEM
288)	<input checked="" type="checkbox"/>	GS0065					
		448663.656	4275960.507	277.362	277.501	277.507	
				Low Vegetation	0.139	0.145	
289)	<input checked="" type="checkbox"/>	GS0066					
		448673.961	4275941.863	277.658	277.785	277.784	
				Low Vegetation	0.127	0.126	
290)	<input checked="" type="checkbox"/>	GS0073					
		456693.819	4294616.868	250.015	250.225	250.219	
				Low Vegetation	0.21	0.204	
291)	<input checked="" type="checkbox"/>	GS0081					
		474266.239	4300990.772	247.072	247.216	247.224	
				Low Vegetation	0.144	0.151	
292)	<input checked="" type="checkbox"/>	GS0084					
		481061.461	4301074.747	259.412	259.562	259.574	
				Low Vegetation	0.15	0.162	
293)	<input checked="" type="checkbox"/>	GS0095					
		468585.805	4277122.112	277.721	277.801	277.808	
				Low Vegetation	0.08	0.087	
294)	<input checked="" type="checkbox"/>	GS0107					
		460275.83	4248827.819	244.71	244.78	244.752	
				Low Vegetation	0.07	0.042	

Coordinates and Offsets of Analyzed Locations (Continued)

	ID			Z1	Z DEM	Z LAS	
		Survey X	Survey Y				
			LC Type				ΔZ DEM
295)	<input checked="" type="checkbox"/>	<b>GS0131</b>					
		470126.041	4246373.381	280.848	280.923	280.933	
				Low Vegetation	0.075	0.085	
296)	<input checked="" type="checkbox"/>	<b>GS0132</b>					
		470141.145	4246388.38	280.493	280.543	280.558	
				Low Vegetation	0.05	0.065	
297)	<input checked="" type="checkbox"/>	<b>GS0133</b>					
		470153.964	4246372.721	280.379	280.541	280.548	
				Low Vegetation	0.162	0.169	
298)	<input checked="" type="checkbox"/>	<b>GS0136</b>					
		469012.639	4238592.353	225.47	225.55	225.546	
				Low Vegetation	0.08	0.076	
299)	<input checked="" type="checkbox"/>	<b>GS0152</b>					
		444675.741	4246341.995	249.403	249.449	249.427	
				Low Vegetation	0.046	0.024	
300)	<input checked="" type="checkbox"/>	<b>GS0170</b>					
		412763.386	4227296.057	256.365	256.426	256.442	
				Low Vegetation	0.061	0.077	
301)	<input checked="" type="checkbox"/>	<b>GS0174</b>					
		411999.893	4211207.77	249.165	249.195	249.245	
				Low Vegetation	0.03	0.08	

Coordinates and Offsets of Analyzed Locations (Continued)

	ID			Z1	Z DEM	Z LAS	
		Survey X	Survey Y				
			LC Type				ΔZ DEM
302)	<input checked="" type="checkbox"/>	<b>GS0176</b>					
		418771.99	4209779.816	243.792	243.875	243.898	
				Low Vegetation	0.083	0.106	
303)	<input checked="" type="checkbox"/>	<b>GS0194</b>					
		440372.82	4228704.297	262.642	262.754	262.764	
				Low Vegetation	0.112	0.122	
304)	<input checked="" type="checkbox"/>	<b>GS0211</b>					
		437302.632	4230502.019	256.99	257.062	257.069	
				Low Vegetation	0.072	0.079	
305)	<input checked="" type="checkbox"/>	<b>GS0213</b>					
		434186.738	4228977.333	246.149	246.223	246.215	
				Low Vegetation	0.074	0.066	
306)	<input checked="" type="checkbox"/>	<b>GS0223</b>					
		447676.8	4210874.601	284.706	284.777	284.759	
				Low Vegetation	0.071	0.053	
307)	<input checked="" type="checkbox"/>	<b>GS0231</b>					
		435404.298	4195100.611	265.521	265.592	265.591	
				Low Vegetation	0.071	0.07	
308)	<input checked="" type="checkbox"/>	<b>GS0235</b>					
		426399.318	4179368.231	287.893	287.962	287.947	
				Low Vegetation	0.069	0.054	

Coordinates and Offsets of Analyzed Locations (Continued)

	ID			Z1	Z DEM	Z LAS	
		Survey X	Survey Y				
			LC Type				ΔZ DEM
309)	<input checked="" type="checkbox"/>	GS0258					
		416029.161	4151504.037	311.033	311.099	311.103	
				Low Vegetation	0.066	0.07	
310)	<input checked="" type="checkbox"/>	GS0267					
		425379.466	4142015.105	330.716	330.851	330.855	
				Low Vegetation	0.135	0.139	
311)	<input checked="" type="checkbox"/>	GS0271					
		433198.872	4141635.412	284.655	284.666	284.667	
				Low Vegetation	0.011	0.012	
312)	<input checked="" type="checkbox"/>	GS0282					
		673836.024	4088129.416	277.257	277.319	277.312	
				Low Vegetation	0.062	0.055	
313)	<input checked="" type="checkbox"/>	GS0283					
		673831.468	4088117.164	277.513	277.578	277.586	
				Low Vegetation	0.065	0.073	
314)	<input checked="" type="checkbox"/>	GS0320					
		643670.938	4095981.841	329.593	329.764	329.766	
				Low Vegetation	0.171	0.173	
315)	<input checked="" type="checkbox"/>	GS0321					
		643663.136	4095997.539	329.532	329.672	329.677	
				Low Vegetation	0.14	0.145	



Coordinates and Offsets of Analyzed Locations (Continued)

	ID			Z1	Z DEM	Z LAS	
		Survey X	Survey Y				
				LC Type	ΔZ DEM	ΔZ LAS	
316)	<input checked="" type="checkbox"/>	GS0327					
		667207.072	4159086.869	341.796	341.826	341.833	
				Low Vegetation	0.03	0.037	
317)	<input checked="" type="checkbox"/>	GS0332					
		666607.925	4150157.412	352.477	352.521	352.496	
				Low Vegetation	0.044	0.019	
318)	<input checked="" type="checkbox"/>	GS0333					
		666602.373	4150142.305	353.431	353.436	353.454	
				Low Vegetation	0.005	0.023	
319)	<input checked="" type="checkbox"/>	GS0334					
		666466.007	4155652.499	378.432	378.485	378.488	
				Low Vegetation	0.053	0.056	
320)	<input checked="" type="checkbox"/>	GS0335					
		666474.217	4155662.04	378.204	378.259	378.265	
				Low Vegetation	0.055	0.061	
321)	<input checked="" type="checkbox"/>	GS0020					
		407365.873	4288768.975	273.114	273.196	273.186	
				Medium Vegetation	0.082	0.072	
322)	<input checked="" type="checkbox"/>	GS0050					
		434190.535	4258463.864	271.125	271.124	271.158	
				Medium Vegetation	-0.001	0.033	

Coordinates and Offsets of Analyzed Locations (Continued)

	ID			Z1	Z DEM	Z LAS	
		Survey X	Survey Y				
			LC Type				ΔZ DEM
323)	<input checked="" type="checkbox"/>	<b>GS0074</b>					
		457060.601	4302403.727	232.338	232.481	232.484	
				Medium Vegetation	0.143	0.146	
324)	<input checked="" type="checkbox"/>	<b>GS0089</b>					
		479329.675	4286469.289	258.288	258.378	258.409	
				Medium Vegetation	0.09	0.121	
325)	<input checked="" type="checkbox"/>	<b>GS0092</b>					
		475528.673	4285283.546	249.632	249.767	249.755	
				Medium Vegetation	0.135	0.123	
326)	<input checked="" type="checkbox"/>	<b>GS0109</b>					
		475922.969	4257058.33	280.066	280.199	280.191	
				Medium Vegetation	0.133	0.125	
327)	<input checked="" type="checkbox"/>	<b>GS0110</b>					
		475934.811	4257075.713	279.824	279.98	279.995	
				Medium Vegetation	0.156	0.171	
328)	<input checked="" type="checkbox"/>	<b>GS0119</b>					
		480610.733	4281886.104	265.7	265.802	265.808	
				Medium Vegetation	0.102	0.108	
329)	<input checked="" type="checkbox"/>	<b>GS0146</b>					
		452149.685	4240279.692	266.288	266.282	266.279	
				Medium Vegetation	-0.006	-0.009	

Coordinates and Offsets of Analyzed Locations (Continued)

	ID			Z1	Z DEM	Z LAS	
		Survey X	Survey Y				
			LC Type				ΔZ DEM
330)	<input checked="" type="checkbox"/>	<b>GS0147</b>					
		452129.029	4240281.726	266.731	266.721	266.693	
				Medium Vegetation	-0.01	-0.038	
331)	<input checked="" type="checkbox"/>	<b>GS0192</b>					
		429284.286	4194369.534	254.7	254.723	254.726	
				Medium Vegetation	0.023	0.026	
332)	<input checked="" type="checkbox"/>	<b>GS0193</b>					
		429264.461	4194370.465	254.955	254.988	254.992	
				Medium Vegetation	0.033	0.037	
333)	<input checked="" type="checkbox"/>	<b>GS0199</b>					
		432215.192	4246892.11	243.426	243.47	243.458	
				Medium Vegetation	0.044	0.032	
334)	<input checked="" type="checkbox"/>	<b>GS0326</b>					
		667189.028	4159077.889	341.857	341.9	341.86	
				Medium Vegetation	0.043	0.003	
335)	<input checked="" type="checkbox"/>	<b>GS0364</b>					
		653488.406	4166585.686	326.203	326.199	326.225	
				Medium Vegetation	-0.004	0.022	
336)	<input checked="" type="checkbox"/>	<b>GS0365</b>					
		653474.574	4166595.761	326.868	326.881	326.879	
				Medium Vegetation	0.013	0.011	

# LAS

**Nonvegetated Vertical Accuracy**

LandCover Type: Bare Earth, Urban Terrain

Minimum DZ: -0.257

Maximum DZ: 0.131

Mean DZ: -0.011

Mean Magnitude DZ: 0.215

Number Observations: 189

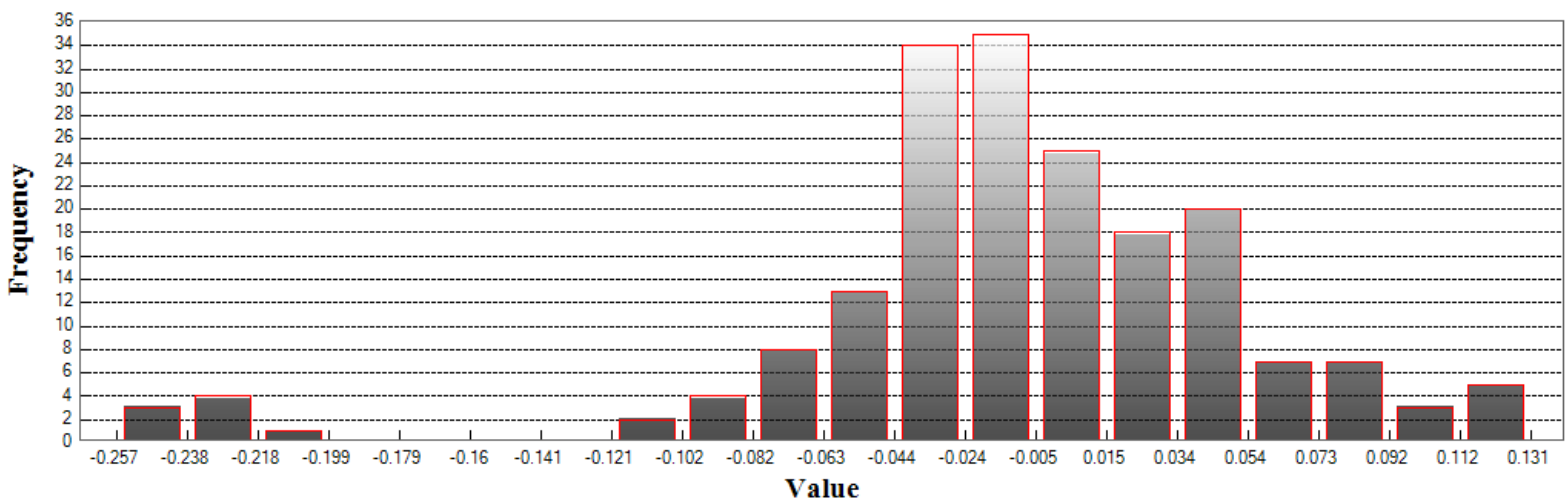
Standard Deviation DZ: 0.067

RMSE Z: 0.068

95% Confidence Level Z: 0.133

Units: Meters

## Histogram



Min: -0.257  
 Max: 0.131  
 Number Of Bins: 20  
 Bin Interval: 0.019

## LAS (Continued)

### Vegetated Vertical Accuracy

LandCover Type: High Vegetation

Minimum DZ: -0.258

Maximum DZ: 0.196

Mean DZ: 0.013

Mean Magnitude DZ: 0.23

Number Observations: 95

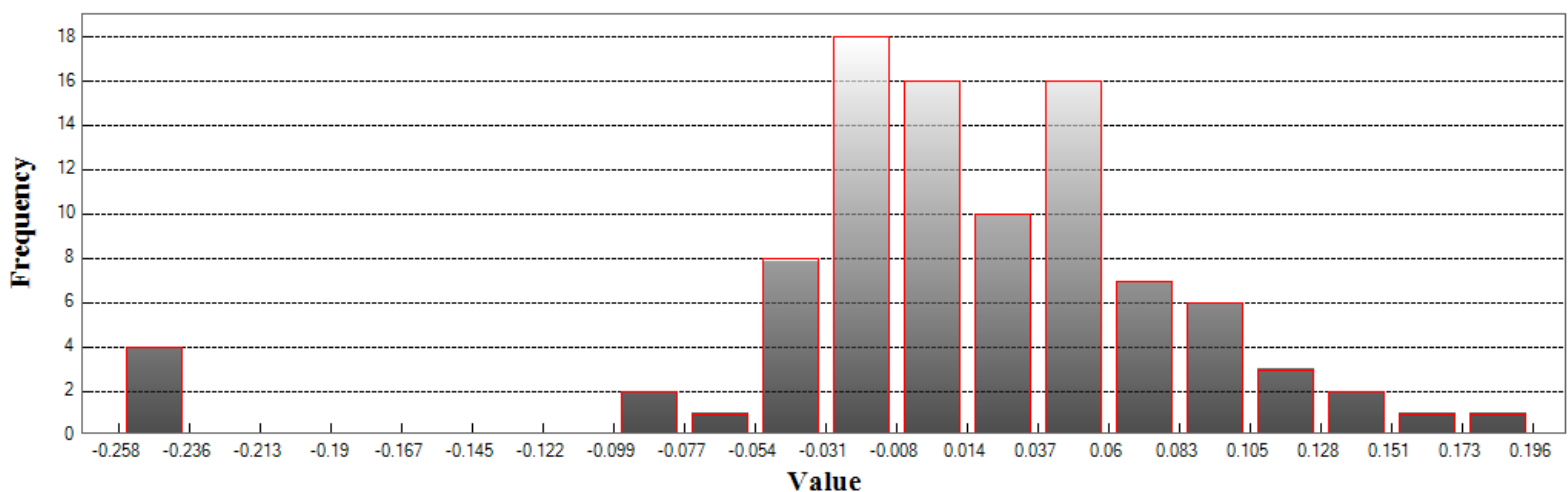
Standard Deviation DZ: 0.076

RMSE Z: 0.077

95th Percentile: 0.152

Units: Meters

## Histogram



Min: -0.258

Max: 0.196

Number Of Bins: 20

Bin Interval: 0.023

## LAS (Continued)

### Vegetated Vertical Accuracy

LandCover Type: Low Vegetation

Minimum DZ: 0.012

Maximum DZ: 0.204

Mean DZ: 0.087

Mean Magnitude DZ: 0.295

Number Observations: 36

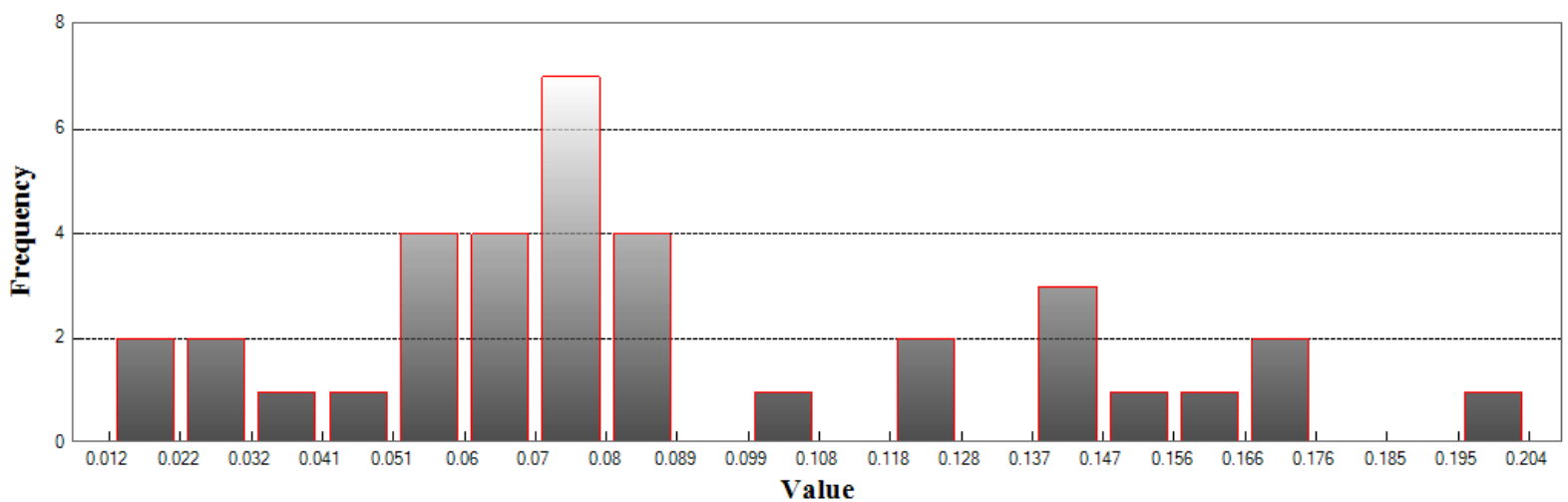
Standard Deviation DZ: 0.048

RMSE Z: 0.099

95th Percentile: 0.169

Units: Meters

## Histogram



Min: 0.012

Max: 0.204

Number Of Bins: 20

Bin Interval: 0.01

## LAS (Continued)

### Vegetated Vertical Accuracy

LandCover Type: Medium Vegetation

Minimum DZ: -0.038

Maximum DZ: 0.171

Mean DZ: 0.061

Mean Magnitude DZ: 0.259

Number Observations: 16

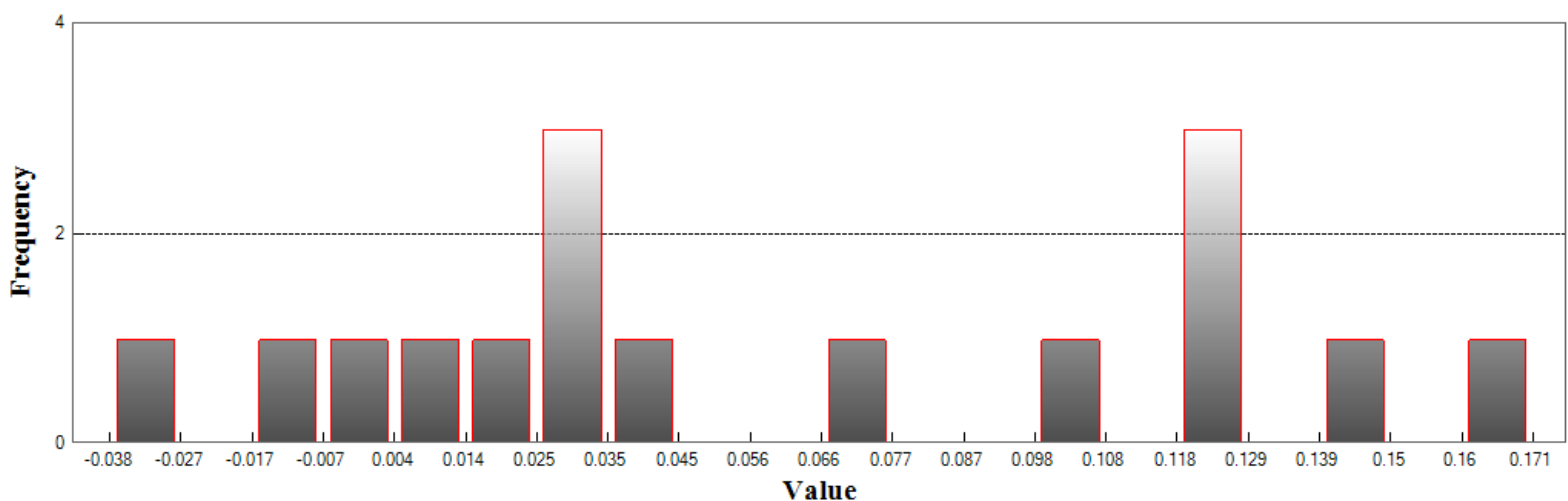
Standard Deviation DZ: 0.063

RMSE Z: 0.086

95th Percentile: 0.146

Units: Meters

## Histogram



Min: -0.038

Max: 0.171

Number Of Bins: 20

Bin Interval: 0.01

# DEM

## Nonvegetated Vertical Accuracy

LandCover Type: Bare Earth, Urban Terrain

Minimum DZ: -0.262

Maximum DZ: 0.134

Mean DZ: -0.014

Mean Magnitude DZ: 0.222

Number Observations: 185

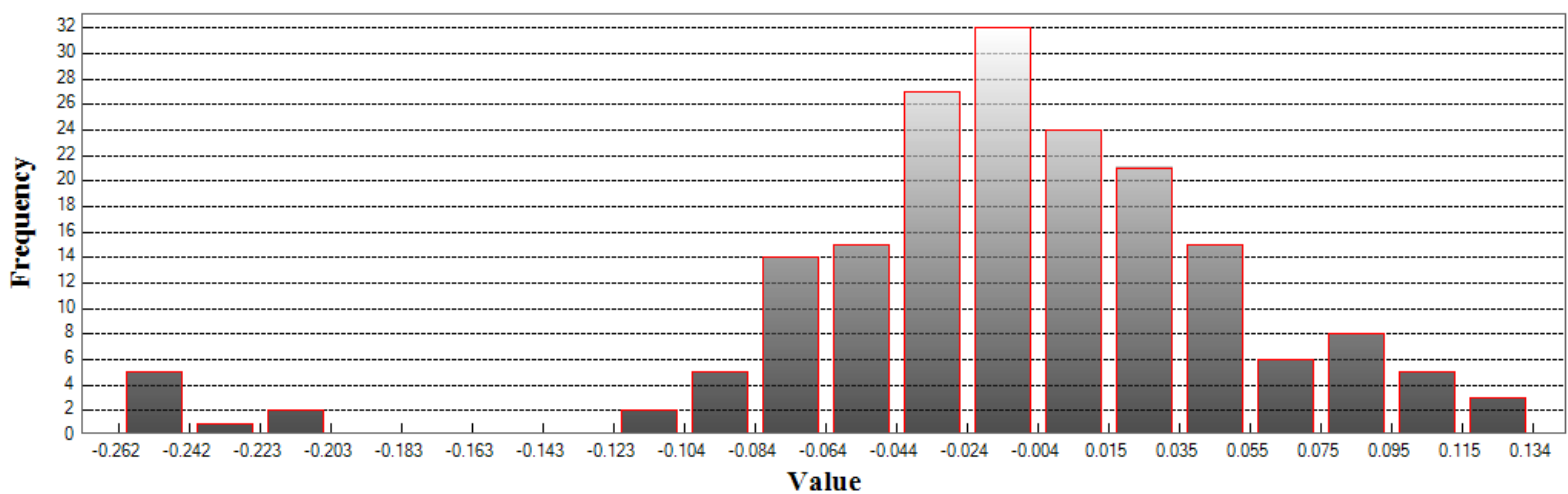
Standard Deviation DZ: 0.07

RMSE Z: 0.071

95% Confidence Level Z: 0.139

Units: Meters

# Histogram



Min: -0.262

Max: 0.134

Number Of Bins: 20

Bin Interval: 0.02



## DEM (Continued)

### Vegetated Vertical Accuracy

LandCover Type: High Vegetation

Minimum DZ: -0.268

Maximum DZ: 0.194

Mean DZ: 0.014

Mean Magnitude DZ: 0.236

Number Observations: 91

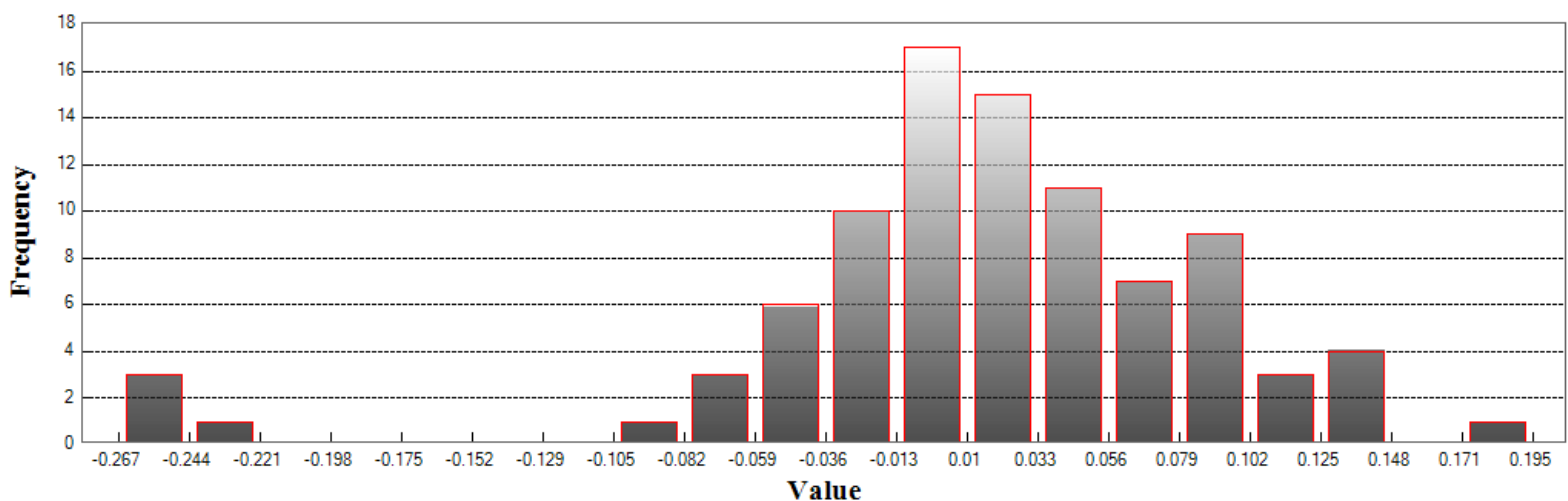
Standard Deviation DZ: 0.079

RMSE Z: 0.08

95th Percentile: 0.194

Units: Meters

## Histogram



Min: -0.268

Max: 0.194

Number Of Bins: 20

Bin Interval: 0.023

## DEM (Continued)

### Vegetated Vertical Accuracy

LandCover Type: Low Vegetation

Minimum DZ: 0.002

Maximum DZ: 0.21

Mean DZ: 0.082

Mean Magnitude DZ: 0.287

Number Observations: 36

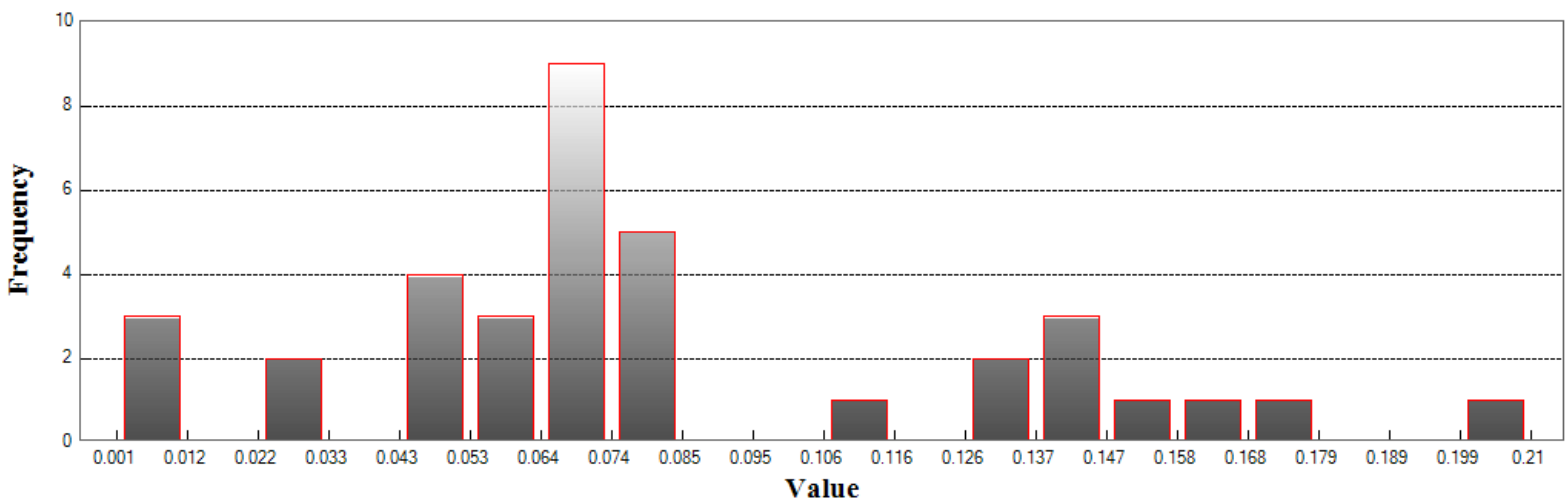
Standard Deviation DZ: 0.048

RMSE Z: 0.095

95th Percentile: 0.162

Units: Meters

## Histogram



Min: 0.002

Max: 0.21

Number Of Bins: 20

Bin Interval: 0.01

## DEM (Continued)

### Vegetated Vertical Accuracy

LandCover Type: Medium Vegetation

Minimum DZ: -0.01

Maximum DZ: 0.156

Mean DZ: 0.061

Mean Magnitude DZ: 0.252

Number Observations: 16

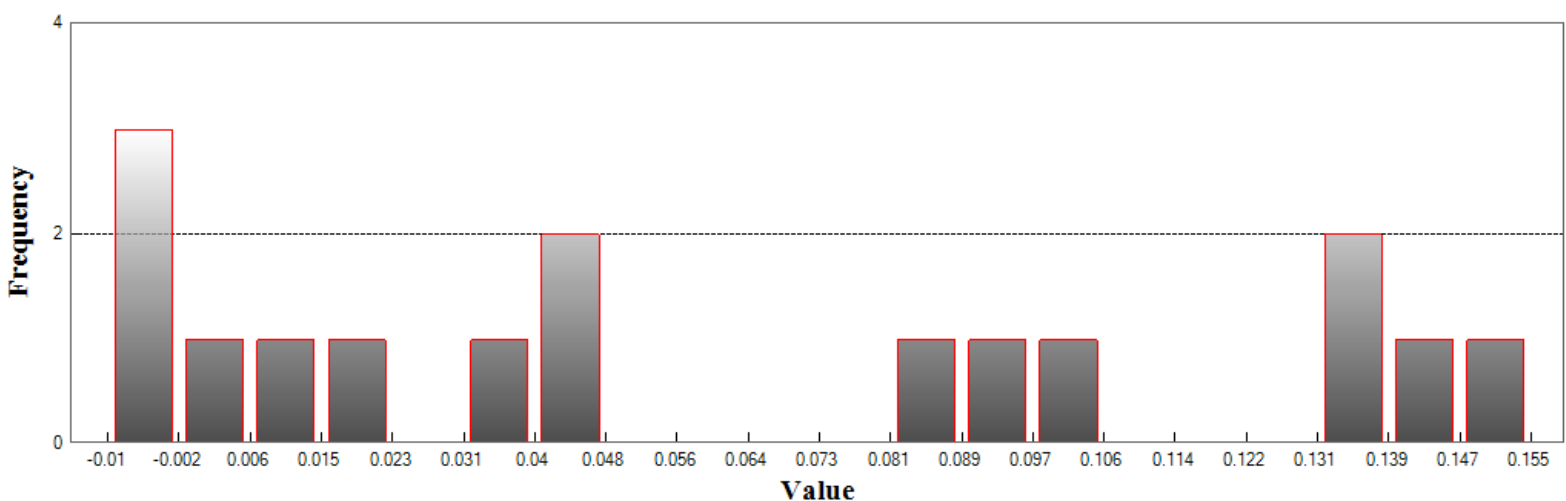
Standard Deviation DZ: 0.059

RMSE Z: 0.084

95th Percentile: 0.143

Units: Meters

## Histogram



Min: -0.01

Max: 0.156

Number Of Bins: 20

Bin Interval: 0.008