

DPH-11 Report on Absolute Vertical Accuracy - continued

The purpose of this section is to report the results of measuring the lidar point cloud data against surveyed ground NVA (nonvegetated vertical accuracy) check points. All XY coordinates and Z values reported are in the selected data units.

NVA (lidar data)

ID	X	Y	Coverage	Z	Z From Lidar	Z Error	Minimum Z	Median Z	Maximum Z	Intensity	Scan Angle Rank	Returns	Description	Comments
1001	779478.574	3426955.801	Yes	764.918	764.894	-0.024	764.891	764.908	764.919	3363	-3156	1,1,1		
1003	758892.899	3377690.85	Yes	929.572	929.566	-0.006	929.559	929.568	929.576	4887	103	1,1,1		
1008	740111.35	3403724.149	Yes	1001.908	1001.882	-0.026	1001.872	1001.876	1001.886	2490	951	1,1,1		
1010	706679.585	3429078.297	Yes	854.59	854.592	0.002	854.589	854.592	854.597	8523	310	1,1,1		
1019	769800.22	3421190.862	Yes	859.158	859.177	0.019	859.161	859.193	859.21	10524	1188	1,1,1		
1025	767402.939	3365416.17	Yes	817.79	817.785	-0.005	817.776	817.784	817.787	8500	2298	1,1,1		
1048	752914.349	3361900.546	Yes	939.524	939.564	0.040	939.556	939.575	939.576	1671	2767	1,1,1		
1051	681662.734	3422237.176	Yes	923.347	923.391	0.044	923.387	923.392	923.405	4347	-1548	1,1,1		
1062	695960.906	3359341.766	Yes	1267.491	1267.495	0.004	1267.483	1267.491	1267.502	7361	-77	1,1,1		
1065	769259.313	3391577.211	Yes	808.535	808.513	-0.022	808.494	808.497	808.54	5800	-2896	1,1,1		
1079	705099.091	3379034.642	Yes	1242.435	1242.409	-0.026	1242.386	1242.422	1242.453	9234	2361	1,1,1		
1084	756730.236	3420549.721	Yes	788.681	788.742	0.061	788.718	788.755	788.77	10354	-1293	1,1,1		
1096	676078.771	3351031.87	Yes	1304.978	1304.97	-0.008	1304.967	1304.969	1304.975	4149	-2	1,1,1		
1102	685416.576	3347635.846	Yes	1274.32	1274.37	0.050	1274.365	1274.365	1274.392	7701	1313	1,1,1		
1103	722836.25	3415045.912	Yes	885.777	885.746	-0.031	885.738	885.76	885.769	10986	617	1,1,1		
1104	698878.888	3372862.608	Yes	1331.272	1331.245	-0.027	1331.227	1331.244	1331.28	3882	544	1,1,1		
1109	720561.073	3361015.507	Yes	1141.588	1141.584	-0.004	1141.579	1141.582	1141.605	6876	-2844	1,1,1		
1113	671413.716	3422463.904	Yes	936.047	936.119	0.072	936.065	936.07	936.124	4095	-2026	1,1,1		
1124	669851.707	3375900.963	Yes	1253.532	1253.537	0.005	1253.518	1253.523	1253.55	8439	-85	1,1,1		
1126	769774.975	3404372.179	Yes	913.191	913.195	0.004	913.186	913.193	913.227	2737	2646	1,1,1		
1137	737200.398	3431554.828	Yes	773.15	773.167	0.017	773.158	773.181	773.19	9529	916	1,1,1		
1137A	683978.231	3459091.706	Yes	792.828	792.849	0.021	792.839	792.845	792.86	9122	2702	1,1,1		
1140	656145.228	3397409.422	Yes	1052.081	1052.257	0.176	1052.255	1052.256	1052.27	2871	-1409	1,1,1		
1144	731590.23	3414524.552	Yes	860.791	860.76	-0.031	860.754	860.76	860.766	4602	-1095	1,1,1		
1146	706608.305	3373847.79	Yes	1258.017	1257.993	-0.024	1257.989	1257.991	1258.035	7988	-2131	1,1,1		
1149	676404.333	3405619.52	Yes	1029.466	1029.46	-0.006	1029.457	1029.46	1029.46	10136	-1136	1,1,1		
1151	754951.358	3458217.801	Yes	743.925	743.863	-0.062	743.857	743.86	743.881	5989	2973	1,1,1		
1154	681148.669	3401403.797	Yes	1009.824	1009.796	-0.028	1009.785	1009.787	1009.8	9648	190	1,1,1		
1158	774317.035	3369327.544	Yes	807.319	807.306	-0.013	807.304	807.324	807.326	11066	2848	1,1,1		
1159	735785.439	3391863.844	Yes	991.841	991.846	0.005	991.831	991.841	991.854	10879	427	1,1,1		

Check Points Vertical Accuracy - continued

ID	X	Y	Coverage	Z	Z From Lidar	Z Error	Minimum Z	Median Z	Maximum Z	Intensity	Scan Angle Rank	Returns	Description	Comments
1160	752056.77	3474667.875	Yes	788.252	788.298	0.046	788.294	788.297	788.303	3839	1667	1,1,1		
1163	745950.289	3356695.41	Yes	963.455	963.542	0.087	963.511	963.543	963.546	2459	629	1,1,1		
1179	684494	3437703.847	Yes	867.86	867.853	-0.007	867.85	867.86	867.863	6398	3007	1,1,1		
1180	744188.743	3443078.396	Yes	707.93	707.924	-0.006	707.908	707.912	707.929	9270	3077	1,1,1		
1182	685480.371	3474564.991	Yes	753.998	754.063	0.065	754.036	754.064	754.075	7992	135	1,1,1		
1183	739892.055	3395745.196	Yes	997.031	997.056	0.025	997.053	997.054	997.065	3319	-1633	1,1,1		
1185	759699.025	3383354.849	Yes	848.926	848.927	0.001	848.926	848.927	848.927	5156	137	1,1,1		
1188	731396.615	3386029.646	Yes	1004.139	1004.159	0.020	1004.153	1004.156	1004.161	7239	-469	1,1,1		
1192	674723.961	3437894.53	Yes	868.42	868.414	-0.006	868.41	868.414	868.42	8875	915	1,1,1		
1194	702733.226	3472789.593	Yes	752.491	752.47	-0.021	752.465	752.471	752.49	5932	-2070	1,1,1		
1196	697303.852	3387393.441	Yes	1144.678	1144.654	-0.024	1144.622	1144.652	1144.669	3896	-131	1,1,1		
1204	723228.856	3468054.512	Yes	735.02	735.074	0.054	735.069	735.103	735.109	8614	-2835	1,1,1		
1206	726087.819	3457167.804	Yes	722.123	722.128	0.005	722.124	722.128	722.136	2936	-988	1,1,1		
1218	700337.089	3419177.386	Yes	922.76	922.8	0.040	922.795	922.799	922.814	3424	1627	1,1,1		
1221	747073.194	3383084.684	Yes	932.589	932.639	0.050	932.628	932.642	932.649	11278	-1988	1,1,1		
1229	748556.935	3420310.38	Yes	776.689	776.66	-0.029	776.655	776.658	776.666	12786	-262	1,1,1		
1230	774192.987	3433352.309	Yes	681.998	681.969	-0.029	681.966	681.97	681.987	11010	-220	1,1,1		
1233	671145.639	3394149.997	Yes	1054.172	1054.216	0.044	1054.214	1054.216	1054.233	10020	-174	1,1,1		
1238	716833.61	3473000.471	Yes	757.462	757.544	0.082	757.507	757.551	757.569	2467	-592	1,1,1		
1239	712184.134	3440145.217	Yes	780.83	780.842	0.012	780.836	780.845	780.85	7074	-827	1,1,1		
1240	732614.712	3441652.96	Yes	743.15	743.213	0.063	743.202	743.213	743.217	3568	386	1,1,1		
1243	751249.614	3433927.02	Yes	756.931	756.949	0.018	756.944	756.955	756.958	12922	2109	1,1,1		
1246	712243.573	3459713.192	Yes	737.399	737.369	-0.030	737.366	737.368	737.373	9099	-3180	1,1,1		
1251	668764.371	3470278.189	Yes	782.716	782.771	0.055	782.767	782.768	782.776	9639	385	1,1,1		
1257	657012.256	3381465.112	Yes	1125.146	1125.156	0.010	1125.15	1125.163	1125.165	2237	-2376	1,1,1		
1260	737183.052	3374793.641	Yes	1037.861	1037.87	0.009	1037.844	1037.851	1037.872	2511	-1971	1,1,1		
1267	757518.691	3417467.792	Yes	808.8	808.868	0.068	808.866	808.866	808.871	10941	-1041	1,1,1		
1270	721107.885	3396522.015	Yes	1054.643	1054.634	-0.009	1054.63	1054.636	1054.637	4847	1566	1,1,1		
1277	762882.555	3353669.986	Yes	804.288	804.243	-0.045	804.234	804.243	804.243	9267	454	1,1,1		
1282	674882.007	3396688.718	Yes	1039.581	1039.616	0.035	1039.616	1039.616	1039.617	8018	2346	1,1,1		
1283	710201.921	3448976.275	Yes	764.099	764.097	-0.002	764.085	764.092	764.105	5772	-2826	1,1,1		
1284	707034.838	3365592.001	Yes	1298.002	1297.984	-0.018	1297.965	1297.981	1297.988	7374	-2474	1,1,1		
1307	742711.709	3419008.237	Yes	820.106	820.207	0.101	820.205	820.207	820.208	9671	1469	1,1,1		
1309	699650.671	3402602.1	Yes	1093.056	1093.026	-0.030	1093.012	1093.021	1093.046	3916	-2432	1,1,1		
1312	701242.912	3438358.021	Yes	820.565	820.532	-0.033	820.529	820.541	820.543	3040	-2542	1,1,1		

Check Points Vertical Accuracy - continued

ID	X	Y	Coverage	Z	Z From Lidar	Z Error	Minimum Z	Median Z	Maximum Z	Intensity	Scan Angle Rank	Returns	Description	Comments
1315	731777.368	3475270.204	Yes	751.409	751.428	0.019	751.424	751.426	751.43	8355	1555	1,1,1		
1325	724785.825	3365445.608	Yes	1101.917	1101.872	-0.045	1101.861	1101.889	1101.91	7912	-548	1,1,1		
1328	719110.464	3448185.959	Yes	744.383	744.383	0.000	744.367	744.388	744.394	6367	-2769	1,1,1		
1330	700908.177	3452186.641	Yes	771.372	771.354	-0.018	771.348	771.376	771.384	7931	-2076	1,1,1		
1333	707486.984	3462800.721	Yes	735.421	735.402	-0.019	735.375	735.404	735.404	5392	-3092	1,1,1		
1334	719189.721	3376109.089	Yes	1123.993	1124.045	0.052	1124.038	1124.044	1124.054	9412	1241	1,1,1		
1337	717400.498	3419616.033	Yes	871.41	871.375	-0.035	871.366	871.371	871.379	4123	-2147	1,1,1		
1340	697979.825	3459752.222	Yes	762.282	762.271	-0.011	762.264	762.265	762.279	6506	654	1,1,1		
1341	751094.764	3400845.059	Yes	976.573	976.609	0.036	976.607	976.609	976.619	2974	-1543	1,1,1		
1347	764617.9	3434400.419	Yes	698.885	698.888	0.003	698.863	698.894	698.901	2799	2724	1,1,1		
1351	718945.946	3355648.337	Yes	1165.123	1165.11	-0.013	1165.105	1165.11	1165.11	8588	1991	1,1,1		
1352	690263.489	3362211.371	Yes	1290.55	1290.554	0.004	1290.514	1290.535	1290.561	3268	-1380	1,1,1		
821005	764883.524	3356009.068	Yes	850.748	850.7	-0.048	850.693	850.7	850.703	9002	-653	1,1,1		
821006	774982.192	3358434.581	Yes	833.552	833.559	0.007	833.545	833.556	833.563	9869	542	1,1,1		
841005	712424.146	3370217.04	Yes	1280.629	1280.611	-0.018	1280.601	1280.62	1280.624	8688	1402	1,1,1		
921001	656813.676	3391238.704	Yes	1071.327	1071.357	0.030	1071.347	1071.358	1071.363	7045	2014	1,1,1		
1099	787328.8861053402610.59684326			852.06	852.088	0.028	852.072	852.082	852.089	12999	-722	1,1,1		
1122	788467.7024660382081.17115803			690.057	690.084	0.027	690.07	690.083	690.09	14033	2437	1,1,1		
1310	787789.9241003972174.51673824			747.02	747.082	0.062	747.057	747.088	747.094	48932	-1668	1,1,1		